

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
 Data File : VD066126.D
 Acq On : 05 Aug 2020 12:26
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:54:22 PM

Quant Time: Aug 05 13:46:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	356217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	509998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	465902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	242500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	312799	98.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.44%	
35) Dibromofluoromethane	7.91	113	321140	98.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.98%	
50) Toluene-d8	10.34	98	1194999	100.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.74%	
62) 4-Bromofluorobenzene	12.64	95	426948	98.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	280637	84.760	ug/l	98
3) Chloromethane	2.20	50	209233	80.310	ug/l	96
4) Vinyl Chloride	2.34	62	202041	90.608	ug/l	100
5) Bromomethane	2.74	94	129239	84.759	ug/l	97
6) Chloroethane	2.91	64	122021	87.848	ug/l #	88
7) Trichlorofluoromethane	3.26	101	533973	91.929	ug/l	97
8) Diethyl Ether	3.70	74	158922	100.259	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	320353	93.267	ug/l	99
10) Methyl Iodide	4.28	142	321850	152.602	ug/l	99
11) Tert butyl alcohol	5.23	59	108328	285.899	ug/l	98
12) 1,1-Dichloroethene	4.06	96	303238	94.063	ug/l	95
13) Acrolein	3.92	56	120973	469.988	ug/l	99
14) Allyl chloride	4.70	41	470482	97.237	ug/l	99
15) Acrylonitrile	5.42	53	341259	512.016	ug/l	99
16) Acetone	4.16	43	296776	484.653	ug/l	99
17) Carbon Disulfide	4.40	76	969913	94.509	ug/l	99
18) Methyl Acetate	4.71	43	147296	93.786	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	726991	100.661	ug/l	98
20) Methylene Chloride	4.96	84	330631	73.205	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	348432	93.898	ug/l	96
22) Diisopropyl ether	6.36	45	932225	97.491	ug/l	97
23) Vinyl Acetate	6.30	43	2805893	507.046	ug/l	99
24) 1,1-Dichloroethane	6.26	63	568524	95.304	ug/l	100
25) 2-Butanone	7.21	43	427955	472.390	ug/l	99
26) 2,2-Dichloropropane	7.20	77	488850	89.519	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	381056	99.230	ug/l	97
28) Bromochloromethane	7.54	49	199552	95.717	ug/l	98
29) Tetrahydrofuran	7.56	42	276073	501.356	ug/l	98
30) Chloroform	7.71	83	595512	94.852	ug/l	97
31) Cyclohexane	7.98	56	515272	88.587	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	563010	95.836	ug/l	100
36) 1,1-Dichloropropene	8.11	75	464440	94.350	ug/l	99
37) Ethyl Acetate	7.28	43	191187	100.085	ug/l	98
38) Carbon Tetrachloride	8.09	117	522977	95.564	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	580378	99.356	ug/l	98
40) Benzene	8.35	78	1290785	94.493	ug/l	100
41) Methacrylonitrile	7.52	41	113053	103.859	ug/l	96
42) 1,2-Dichloroethane	8.42	62	379726	95.178	ug/l	100
43) Isopropyl Acetate	8.45	43	380612	101.961	ug/l	99
44) Trichloroethene	9.11	130	393261	96.342	ug/l	100
45) 1,2-Dichloropropane	9.38	63	319880	96.730	ug/l	95
46) Dibromomethane	9.47	93	178341	98.084	ug/l	100
47) Bromodichloromethane	9.66	83	468182	97.376	ug/l	98
48) Methyl methacrylate	9.46	41	180508	91.807	ug/l	90
49) 1,4-Dioxane	9.46	88	46216	1981.885	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	950074	488.407	ug/l	98
52) Toluene	10.40	92	852483	95.351	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	452446	100.444	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	533578	101.322	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	249539	94.176	ug/l	97
56) Ethyl methacrylate	10.66	69	326694	107.482	ug/l	99
57) 1,3-Dichloropropane	10.94	76	417700	95.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	711707	514.653	ug/l	100
59) 2-Hexanone	10.98	43	679446	499.487	ug/l	98
60) Dibromochloromethane	11.14	129	348195	95.989	ug/l	99
61) 1,2-Dibromoethane	11.25	107	245322	97.638	ug/l	99
64) Tetrachloroethene	10.87	164	352031	96.401	ug/l	98
65) Chlorobenzene	11.67	112	919606	95.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	359930	94.683	ug/l	99
67) Ethyl Benzene	11.74	91	1634144	98.475	ug/l	100
68) m/p-Xylenes	11.86	106	1260052	195.247	ug/l	98
69) o-Xylene	12.18	106	589426	101.503	ug/l	98
70) Styrene	12.20	104	1013994	99.123	ug/l	100
71) Bromoform	12.36	173	213709	95.552	ug/l #	100
73) Isopropylbenzene	12.48	105	1615247	98.962	ug/l	100
74) N-amyl acetate	12.29	43	365012	103.951	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	262658	92.796	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	192718m	95.986	ug/l	
77) Bromobenzene	12.77	156	407068	96.056	ug/l	100
78) n-propylbenzene	12.83	91	1853924	97.239	ug/l	100
79) 2-Chlorotoluene	12.91	91	1050488	96.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1345271	98.393	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	91317	99.583	ug/l	98
82) 4-Chlorotoluene	13.01	91	1101020	95.071	ug/l	100
83) tert-Butylbenzene	13.23	119	1197725	100.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1333666	96.994	ug/l	99
85) sec-Butylbenzene	13.41	105	1596176	98.353	ug/l	99
86) p-Isopropyltoluene	13.52	119	1488719	97.533	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	743281	92.183	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	750576	93.695	ug/l	100
89) n-Butylbenzene	13.85	91	1357801	100.300	ug/l	99
90) Hexachloroethane	14.12	117	291355	95.539	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	658659	92.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	46153	95.800	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	515824	101.073	ug/l	100
94) Hexachlorobutadiene	15.28	225	300139	99.037	ug/l	99
95) Naphthalene	15.41	128	890150	110.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	452295	100.080	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

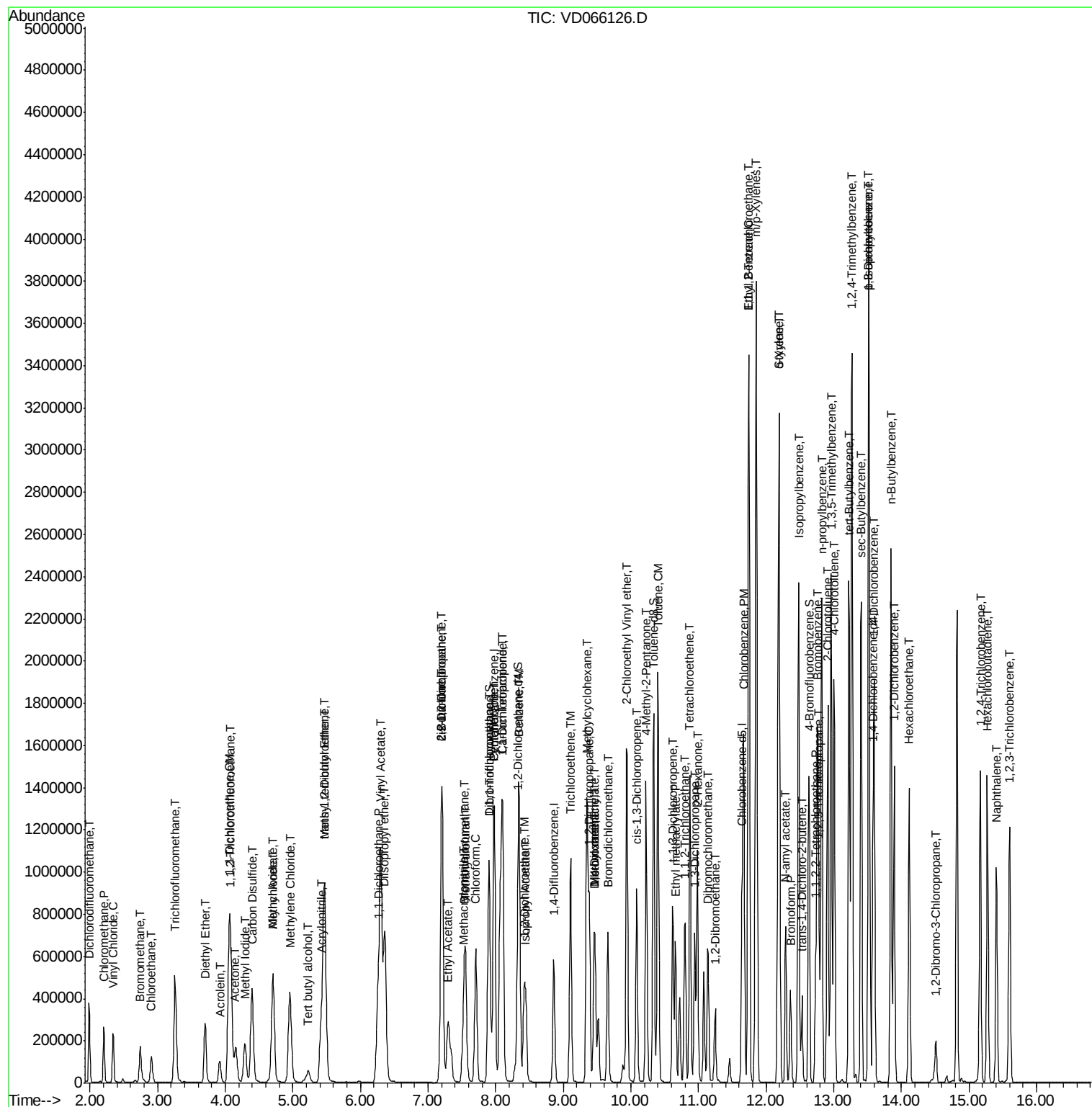
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Operator : VA/SY
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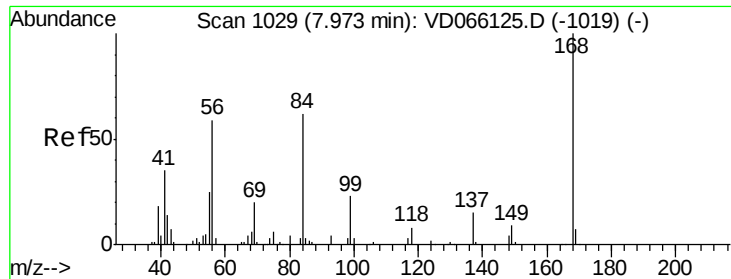
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 356217

Ion Ratio Lower Upper

168 100

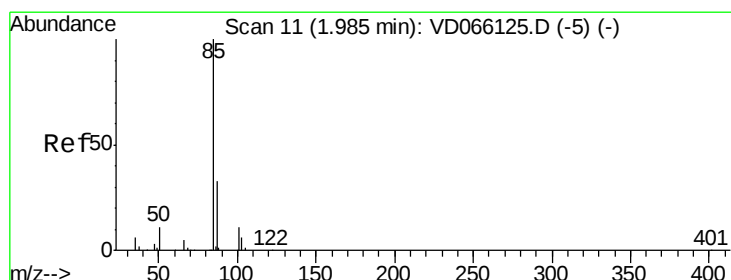
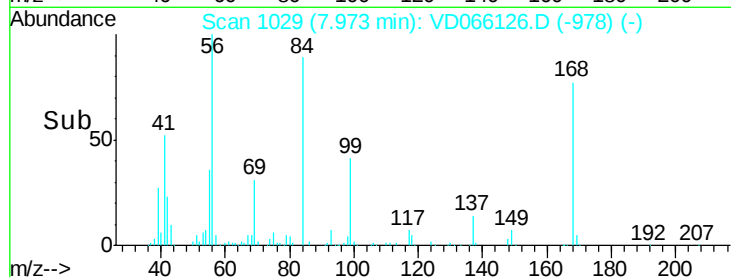
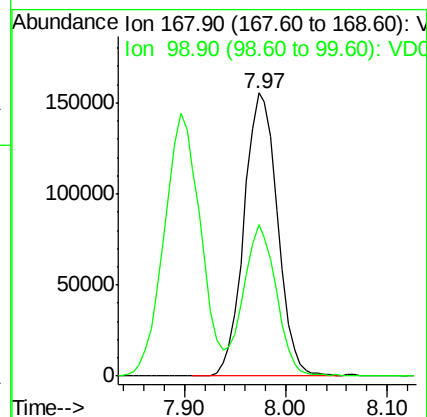
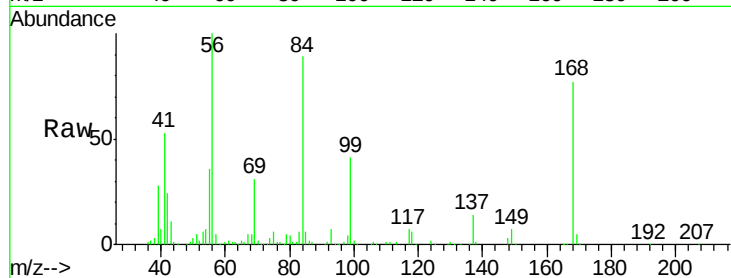
99 53.6 42.2 63.4

Manual Integrations

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8/6/2020 1:54:22 PM



#2

Dichlorodifluoromethane

Concen: 84.760 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066126.D

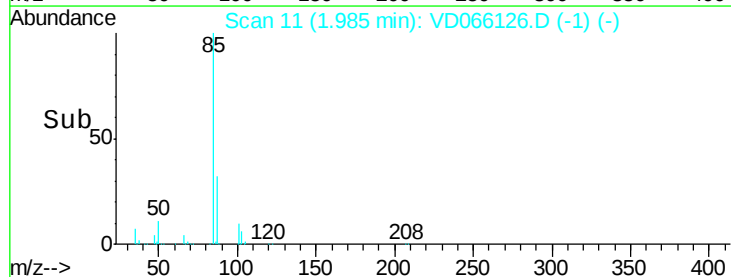
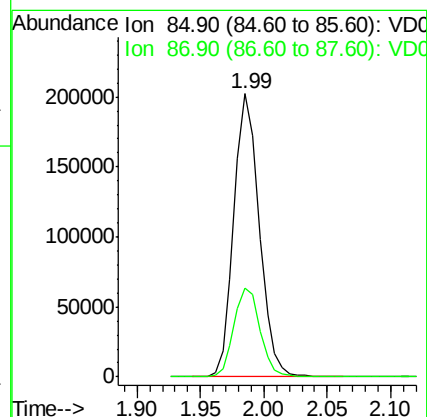
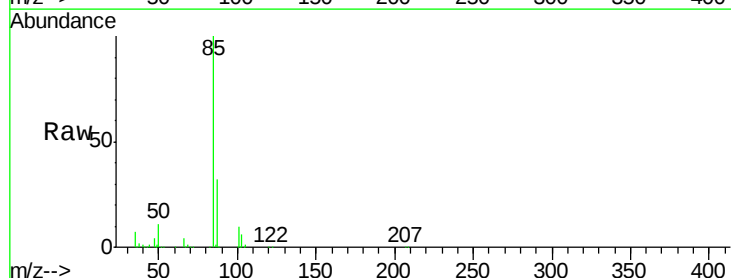
Acq: 05 Aug 2020 12:26

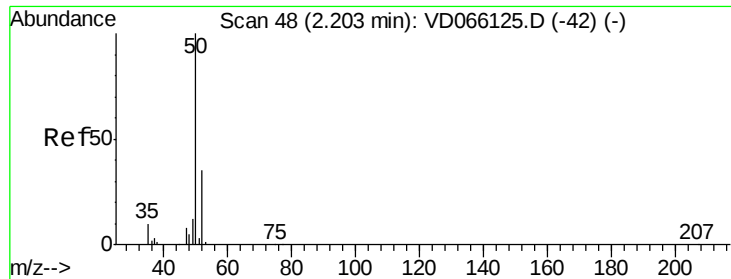
Tgt Ion: 85 Resp: 280637

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.8





#3

Chloromethane

Concen: 80.310 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 209233

Ion Ratio Lower Upper

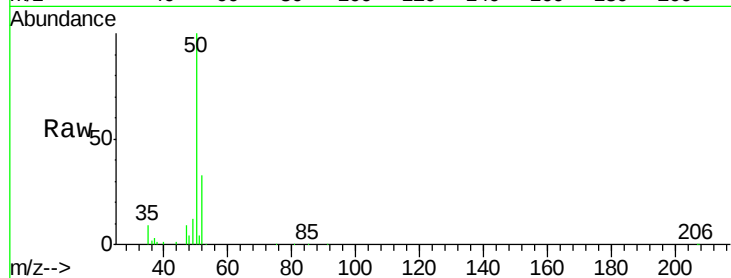
50 100

52 32.7 27.9 41.9

Manual Integrations
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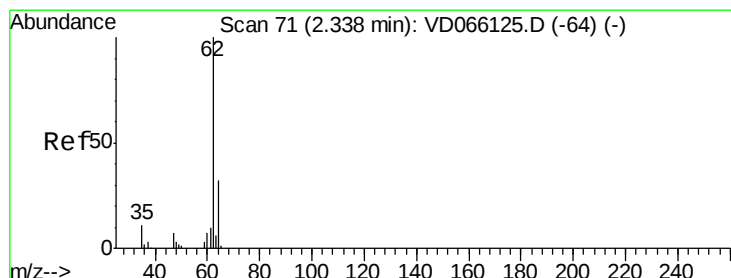
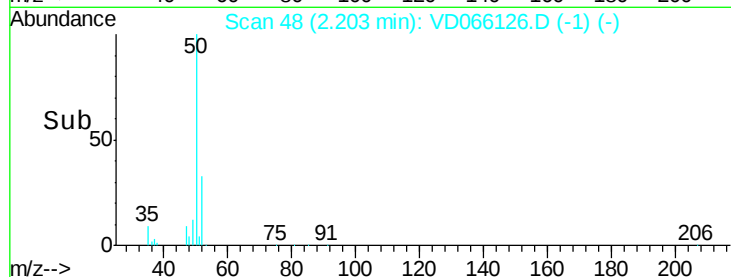
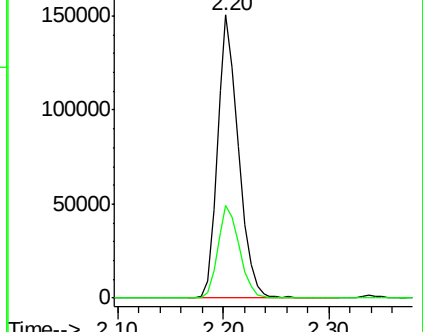
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 90.608 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.00 min

Lab File: VD066126.D

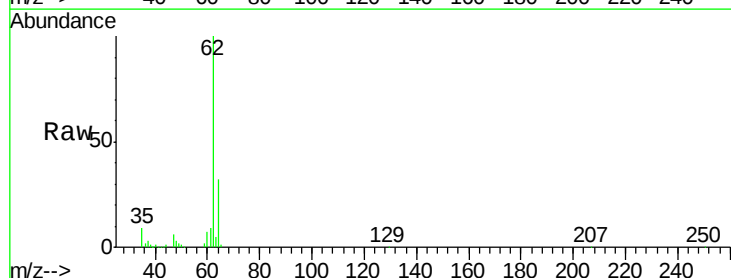
Acq: 05 Aug 2020 12:26

Tgt Ion: 62 Resp: 202041

Ion Ratio Lower Upper

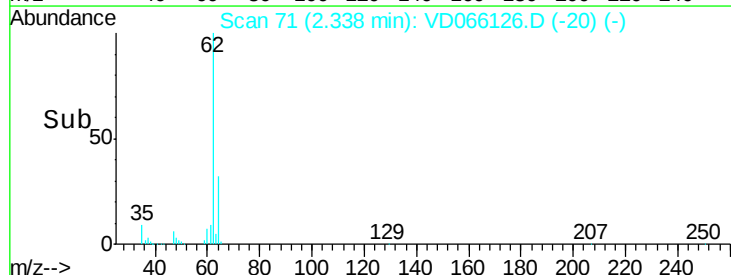
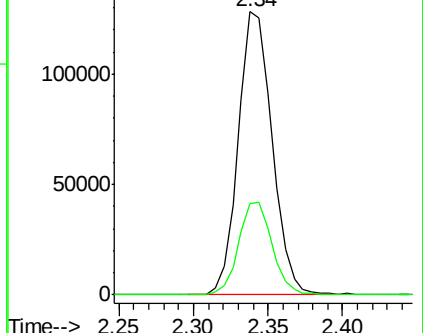
62 100

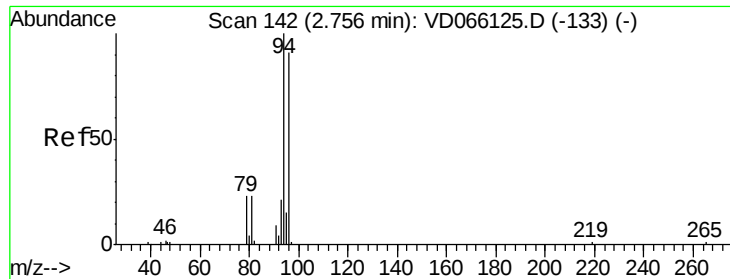
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 84.759 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 129239

Ion Ratio Lower Upper

94 100

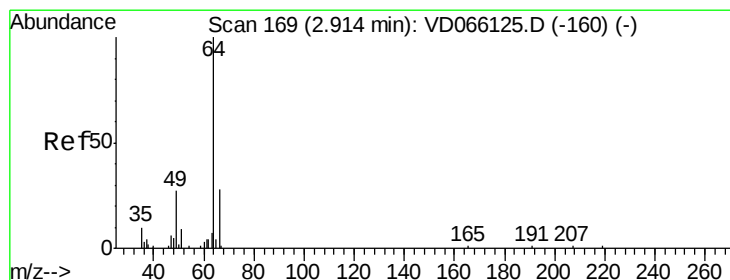
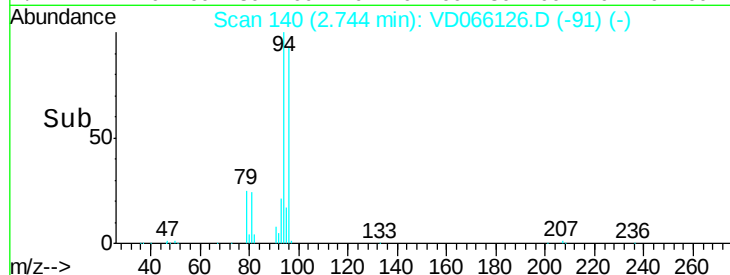
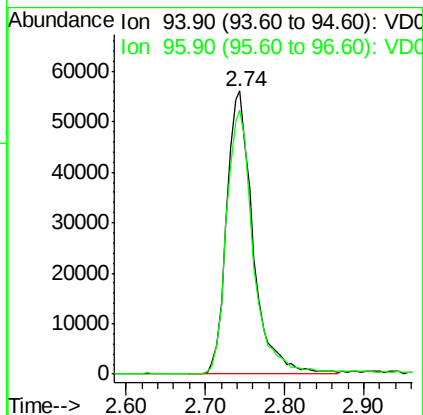
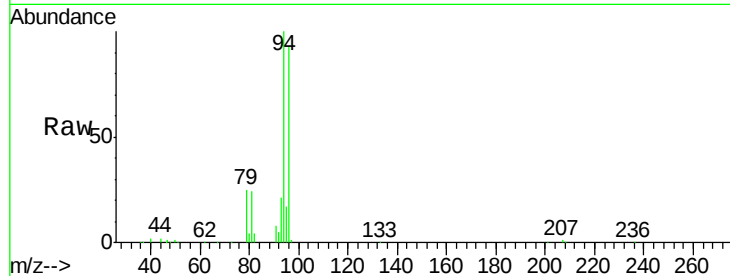
96 93.5 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 87.848 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066126.D

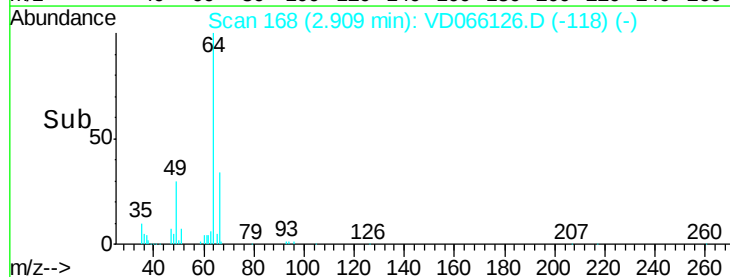
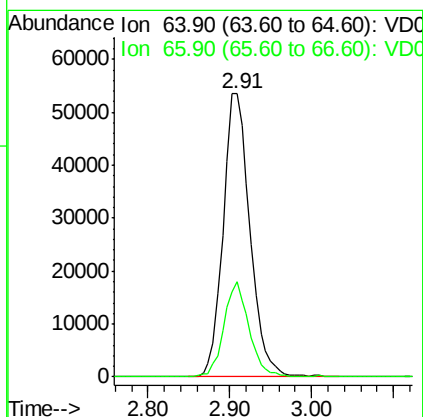
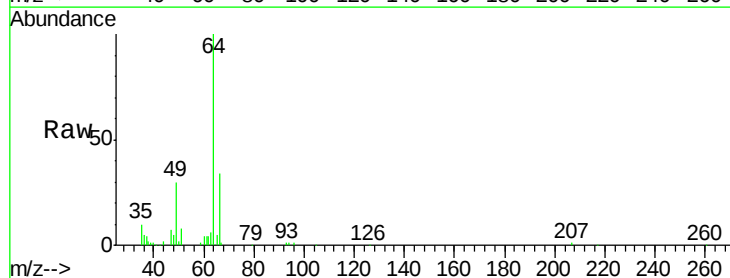
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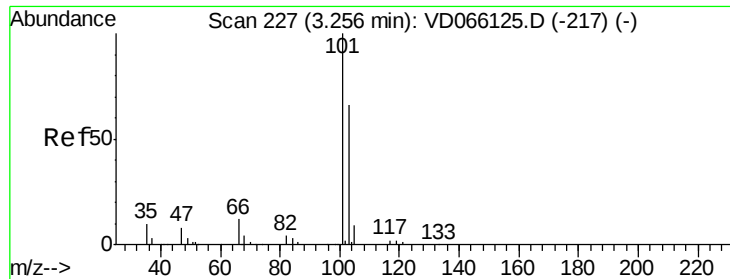
Tgt Ion: 64 Resp: 122021

Ion Ratio Lower Upper

64 100

66 33.6 22.0 33.0#





#7

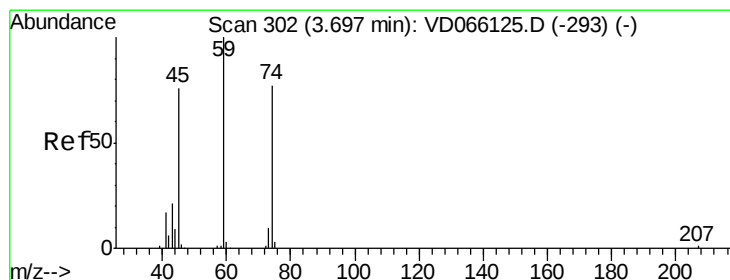
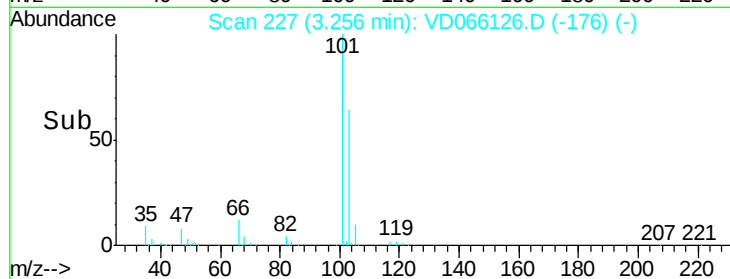
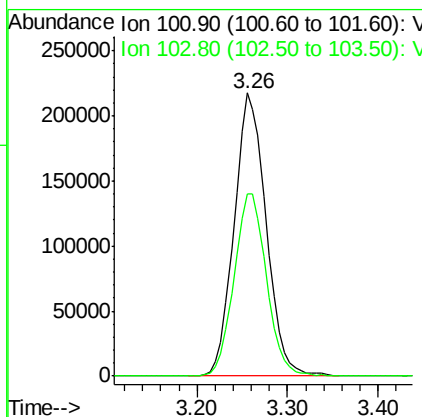
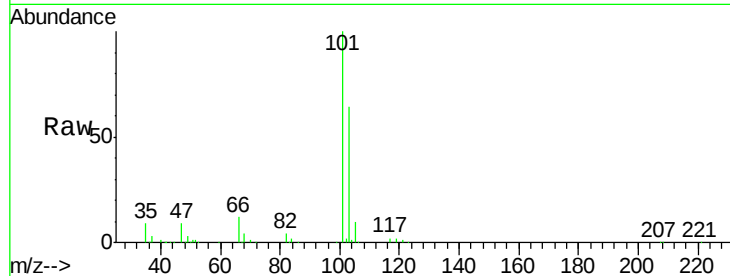
Trichlorofluoromethane
 Concen: 91.929 ug/l
 RT: 3.26 min Scan# 227
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
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 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	533973		
103	64.2	53.0	79.6	

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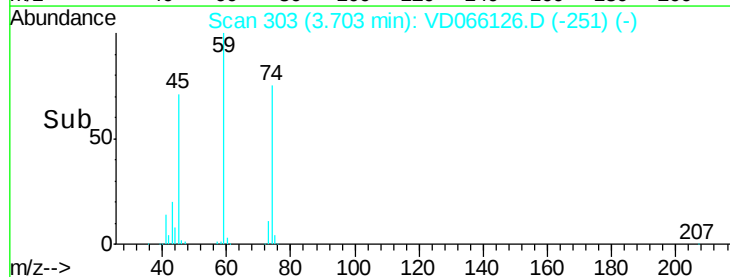
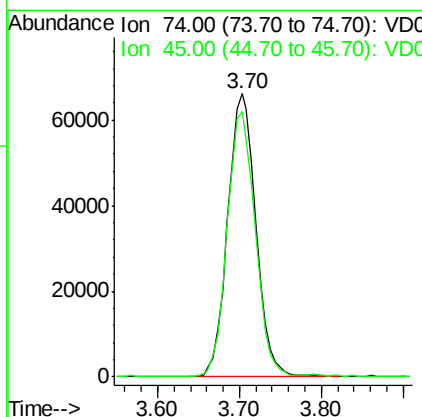
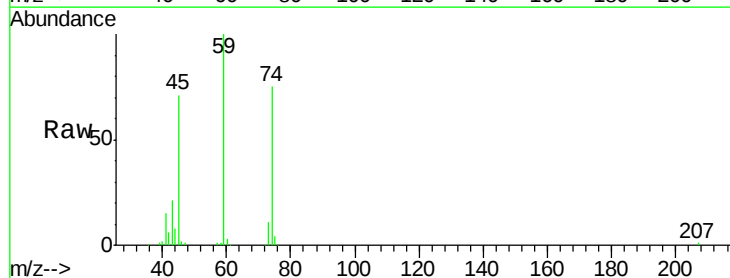
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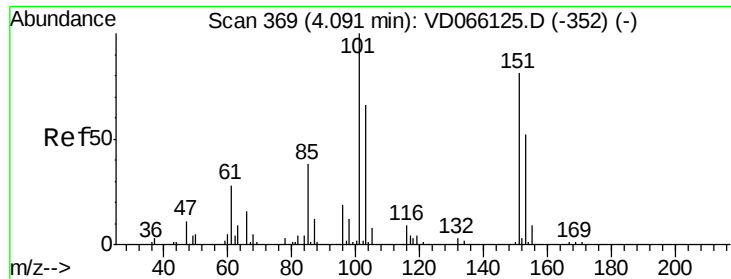


#8

Diethyl Ether
 Concen: 100.259 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	158922		
45	93.6	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.267 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

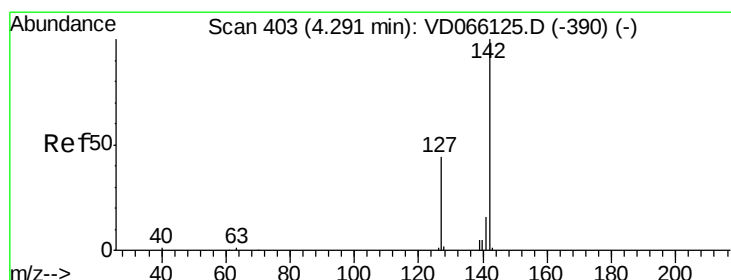
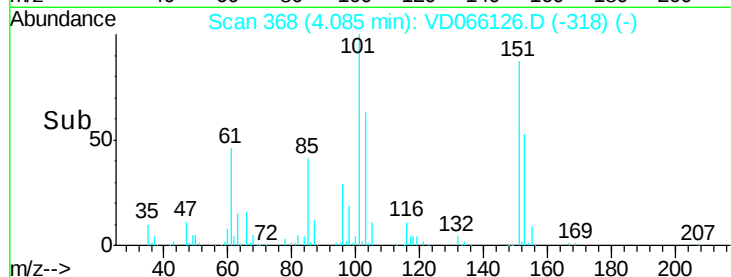
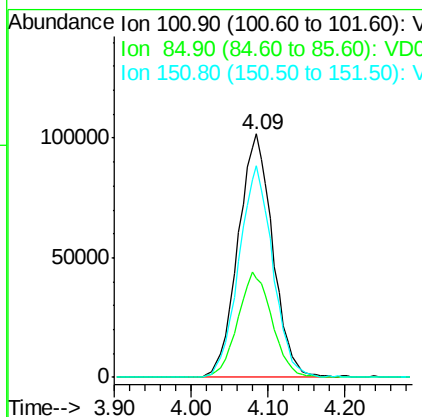
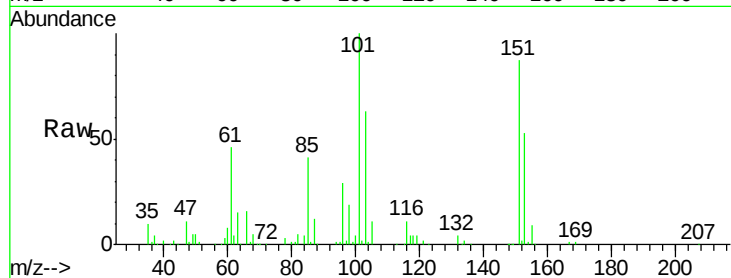
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	320353
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.5	50.3
151	84.8	67.8	101.8

Manual Integrations
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8/6/2020 1:54:22 PM



#10

Methyl Iodide

Concen: 152.602 ug/l

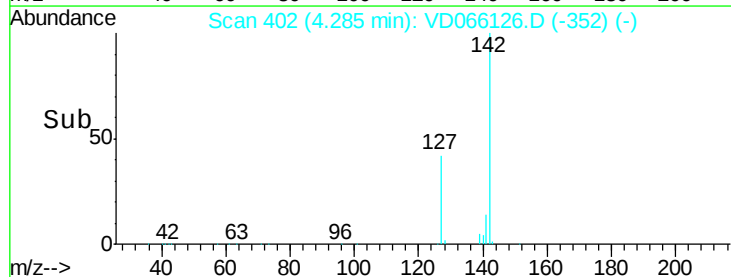
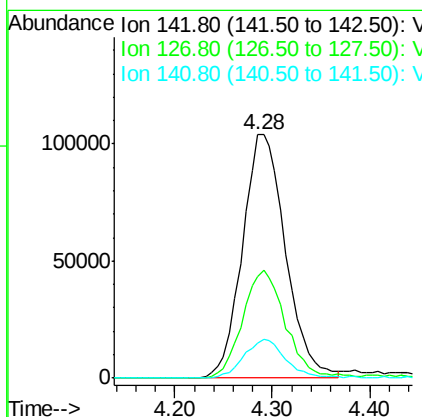
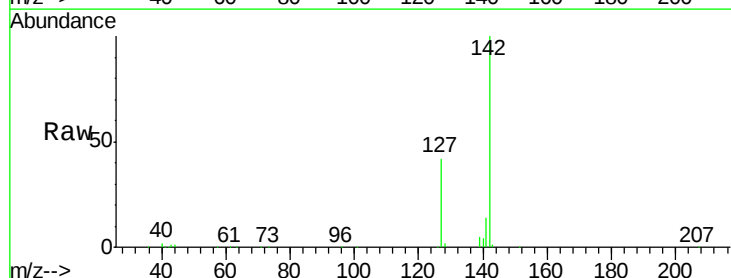
RT: 4.28 min Scan# 402

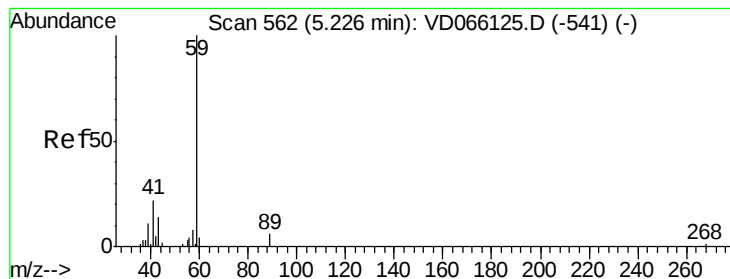
Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion:	142	Resp:	321850
Ion Ratio	Lower	Upper	
142	100		
127	44.2	36.2	54.4
141	15.5	12.6	18.8





#11

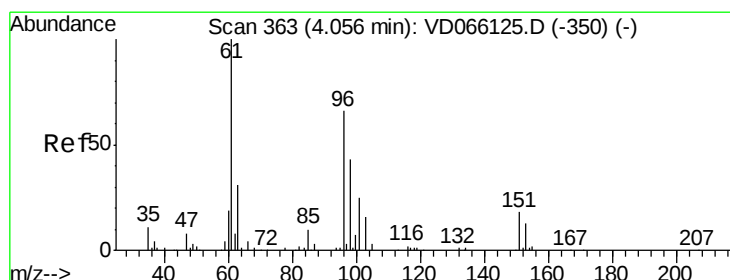
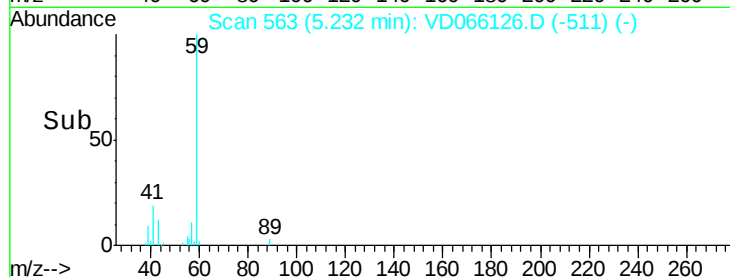
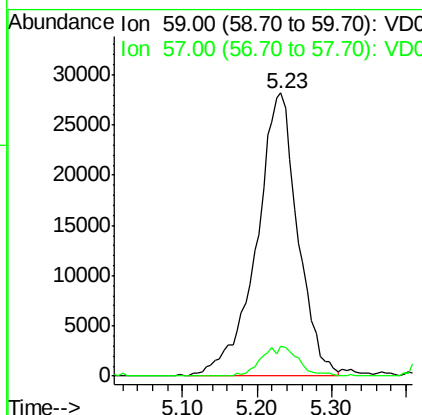
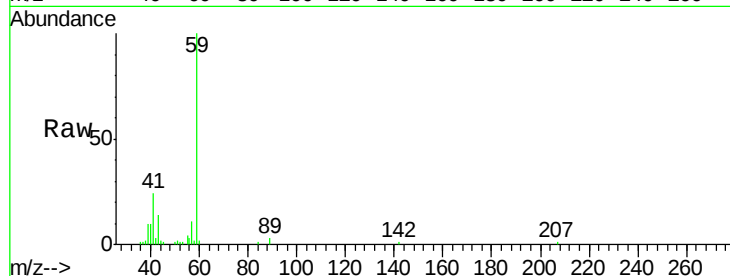
Tert butyl alcohol
Concen: 285.899 ug/l
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	59	57	Ratio	100	9.5	Resp	108328	Lower	7.0	Upper	10.4
Ion	59	57	Ratio	100	9.5	Resp	108328	Lower	7.0	Upper	10.4

Manual Integrations
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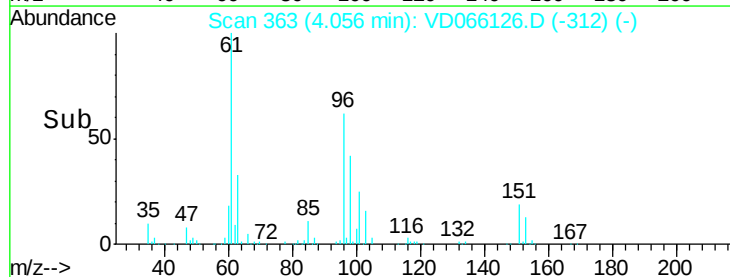
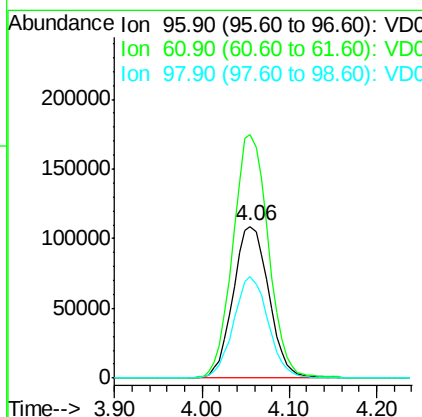
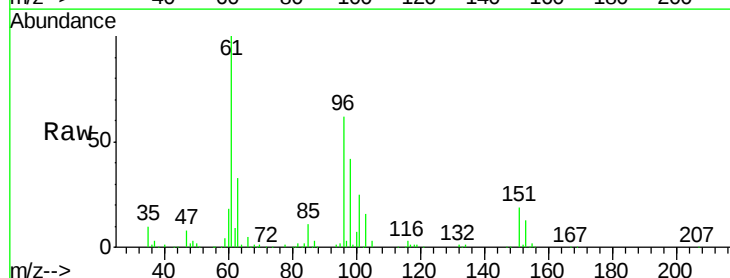
MMDadoda
8/6/2020 1:54:22 PM

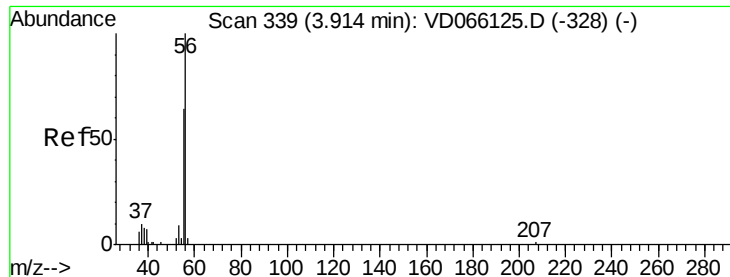


#12

1,1-Dichloroethene
Concen: 94.063 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	96	61	98	Ratio	100	160.7	66.8	Resp	303238	Lower	121.6	52.0	Upper	182.4	78.0
Ion	96	61	98	Ratio	100	160.7	66.8	Resp	303238	Lower	121.6	52.0	Upper	182.4	78.0





#13

Acrolein

Concen: 469.988 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 120973

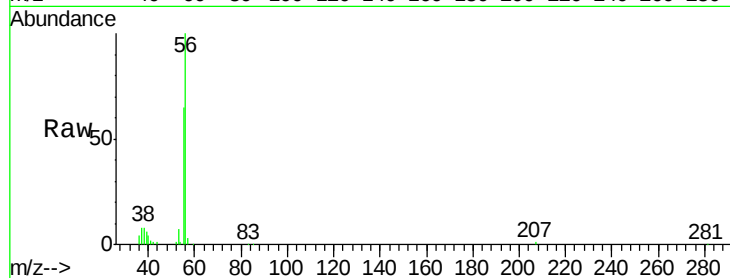
Ion Ratio Lower Upper

56 100

55 70.1 56.7 85.1

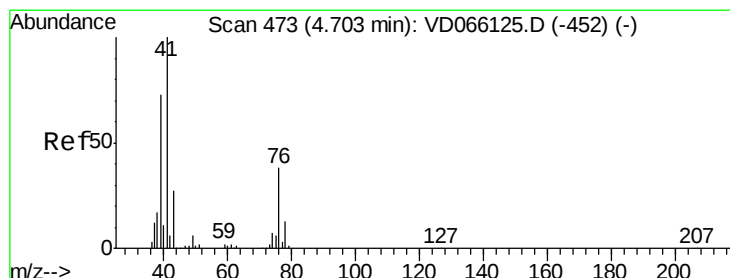
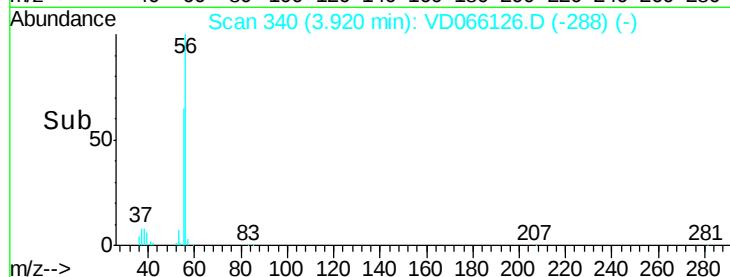
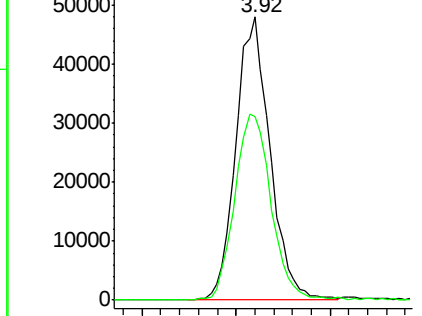
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 97.237 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

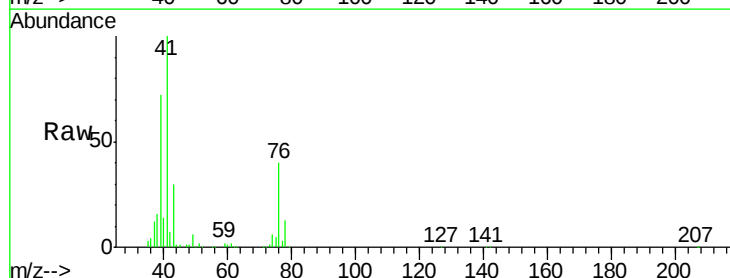
Tgt Ion: 41 Resp: 470482

Ion Ratio Lower Upper

41 100

39 71.4 57.4 86.0

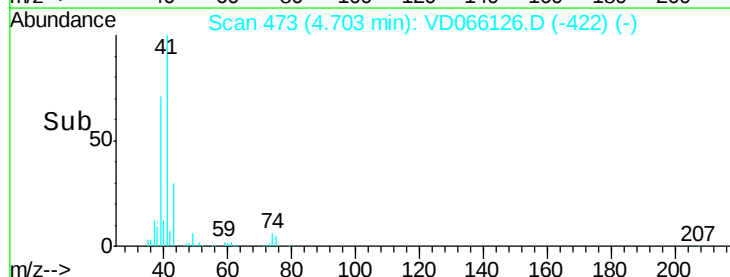
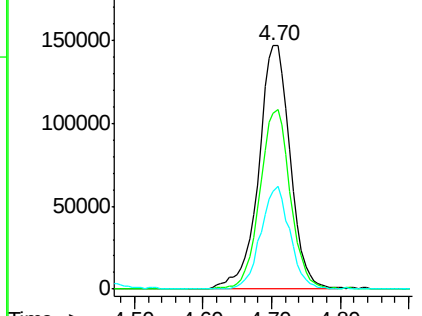
76 38.4 30.1 45.1

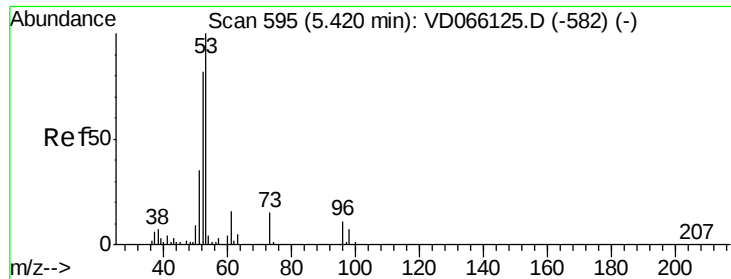


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 512.016 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

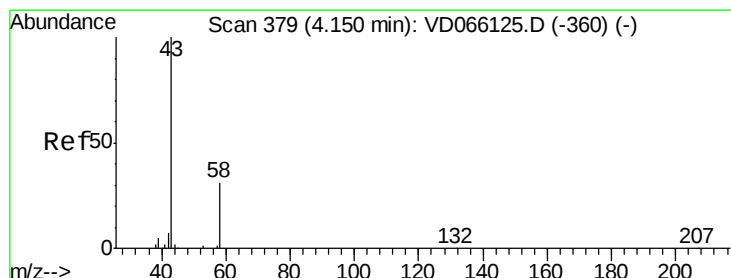
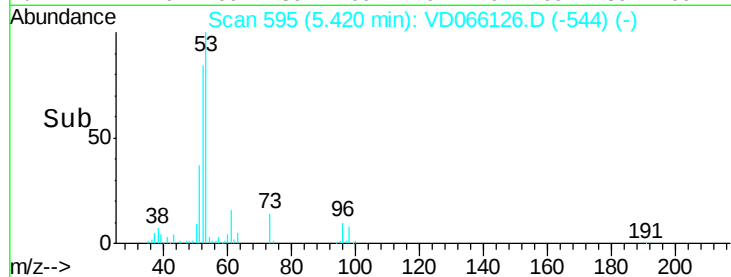
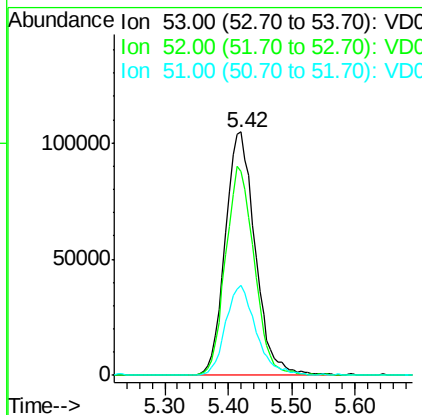
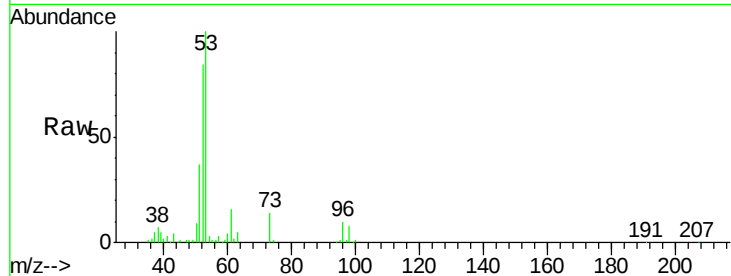
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	341259
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.1	99.1
51	37.4	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 484.653 ug/l

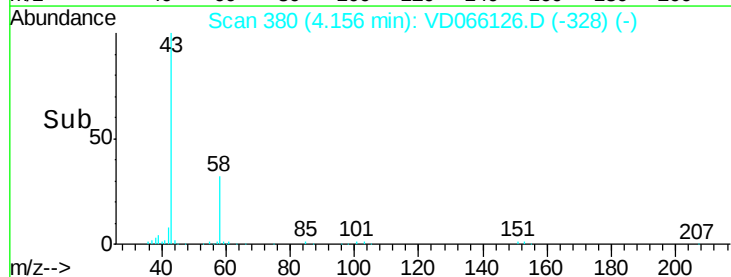
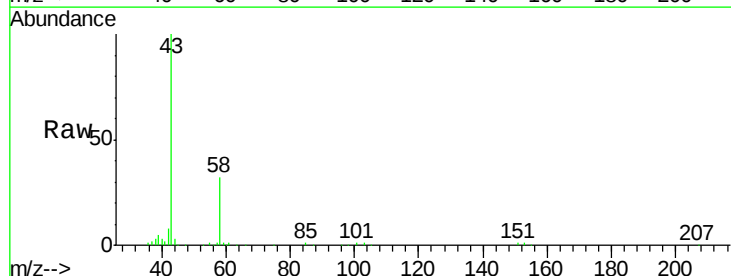
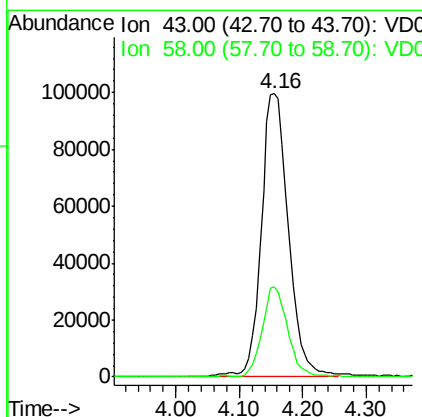
RT: 4.16 min Scan# 380

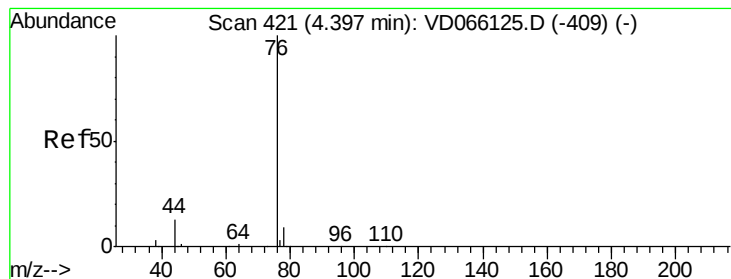
Delta R.T. 0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion:	43	Resp:	296776
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.7	37.1





#17

Carbon Disulfide

Concen: 94.509 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 969913

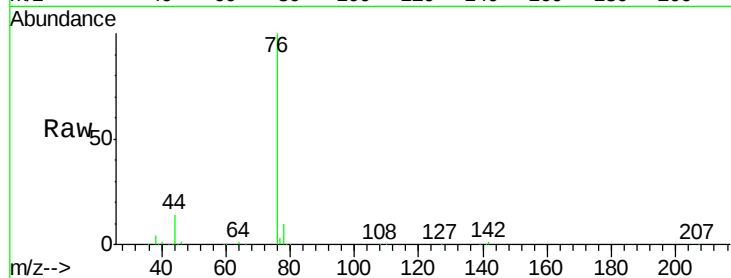
Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

Manual Integrations
APPROVED

MMDadoda
8/6/2020 1:54:22 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

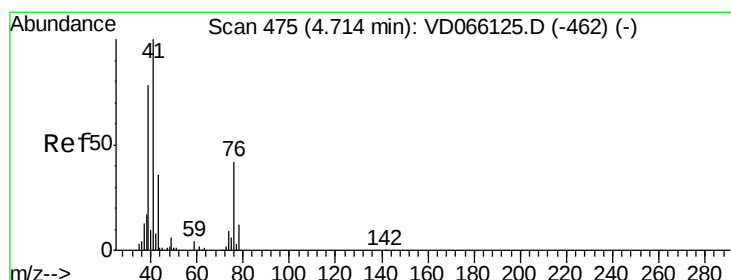
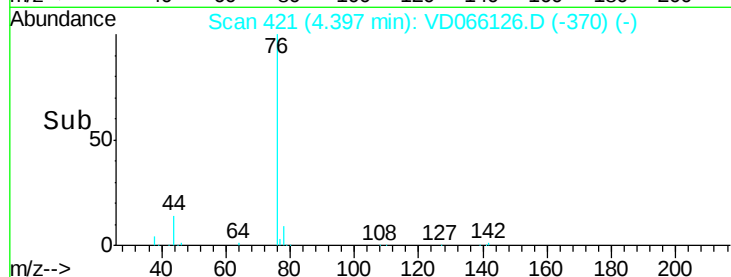
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 93.786 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066126.D

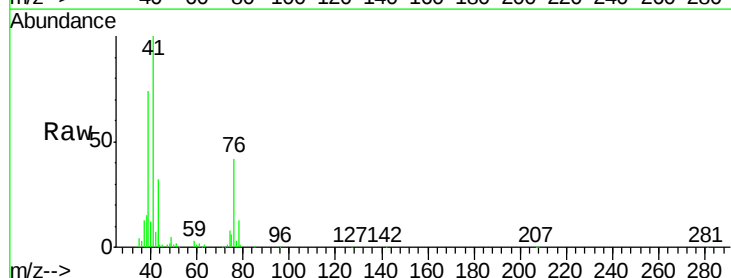
Acq: 05 Aug 2020 12:26

Tgt Ion: 43 Resp: 147296

Ion Ratio Lower Upper

43 100

74 24.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

50000

40000

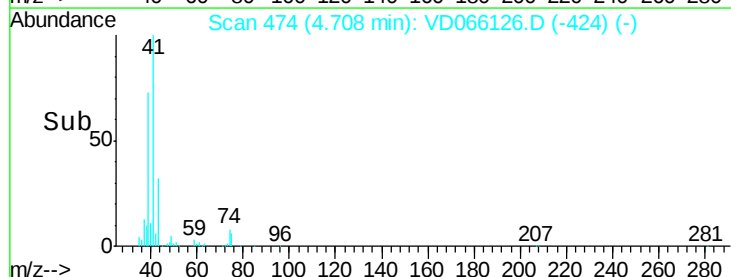
30000

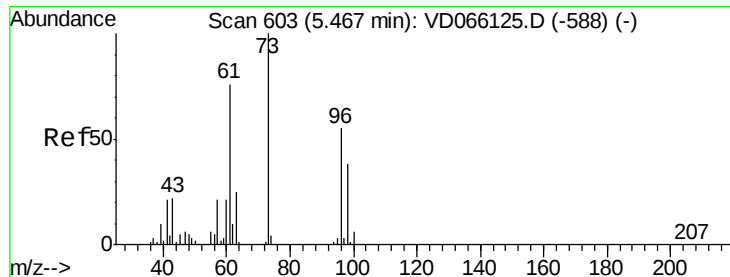
20000

10000

0

Time-->





#19

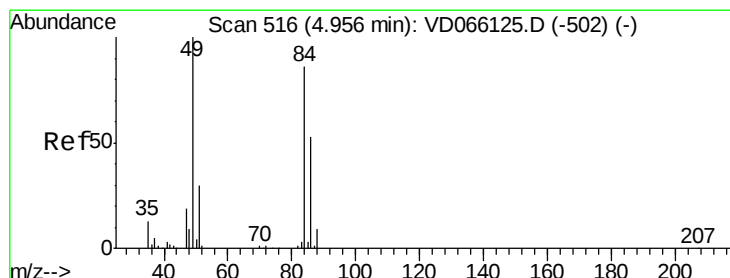
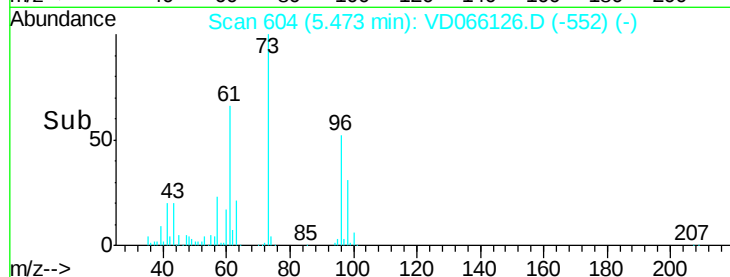
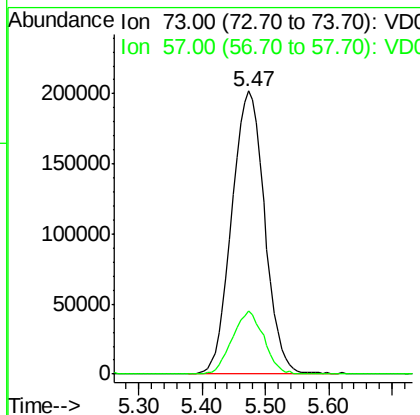
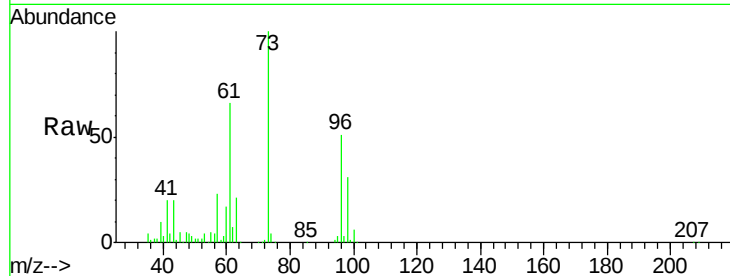
Methyl tert-butyl Ether
 Concen: 100.661 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.1	25.7

Manual Integrations
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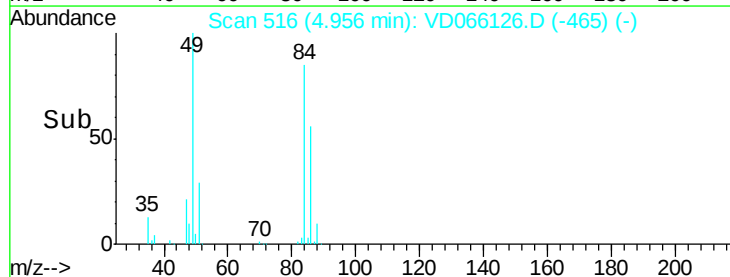
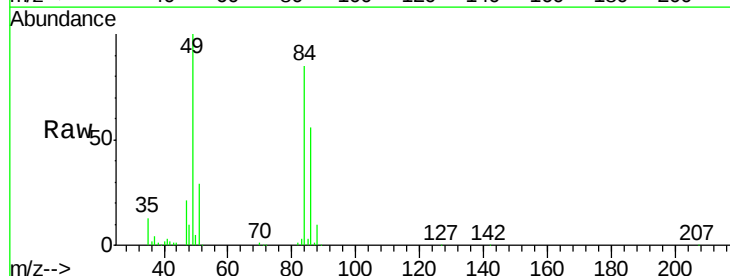
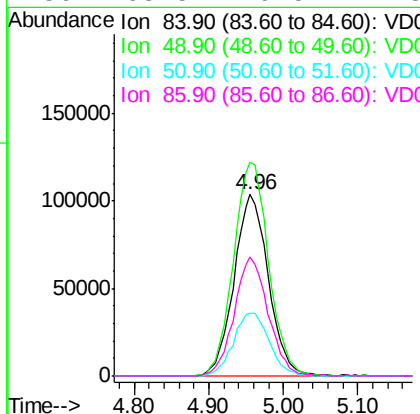
MMDadoda
 8/6/2020 1:54:22 PM

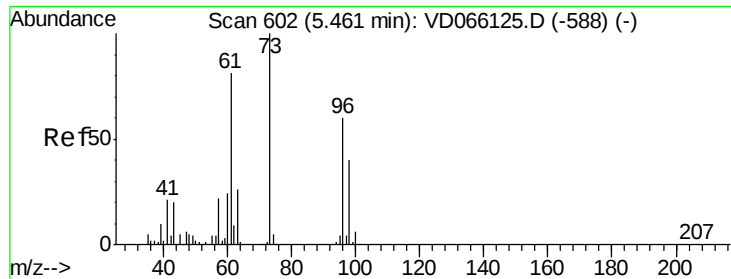


#20

Methylene Chloride
 Concen: 73.205 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	93.5	140.3
51	34.4	28.2	42.4
86	65.5	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 93.898 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

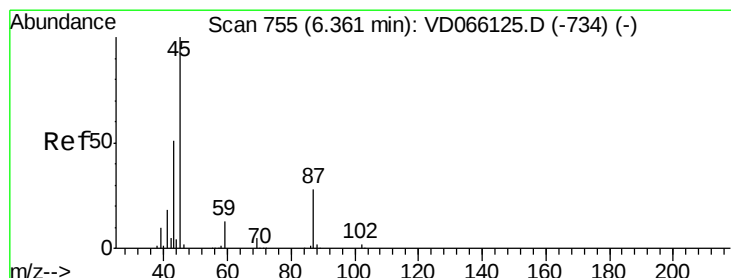
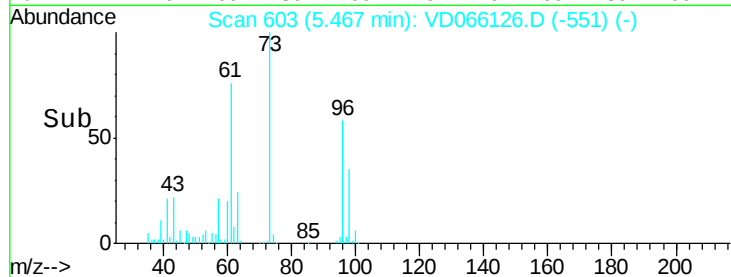
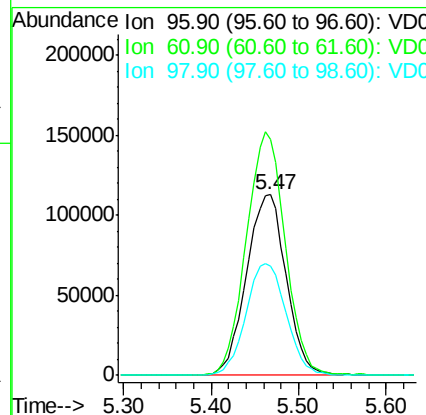
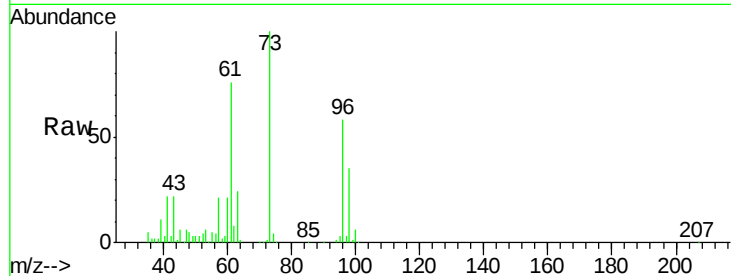
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	348432
Ion	Ratio	Lower	Upper
96	100		
61	131.0	106.9	160.3
98	60.5	53.4	80.0

Manual Integrations
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8/6/2020 1:54:22 PM



#22

Diisopropyl ether

Concen: 97.491 ug/l

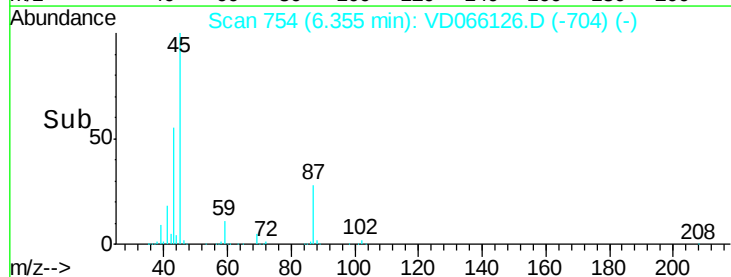
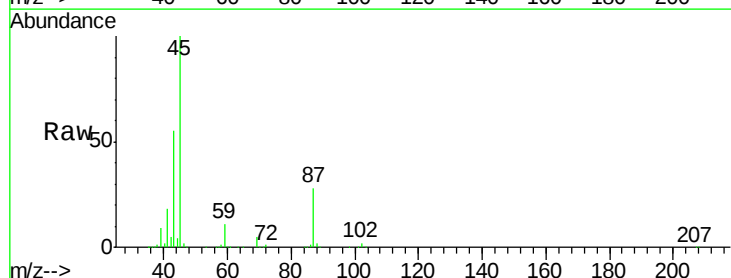
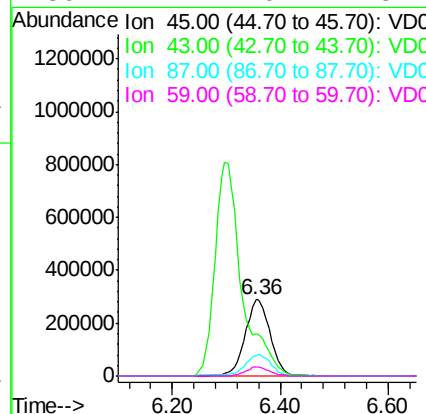
RT: 6.36 min Scan# 754

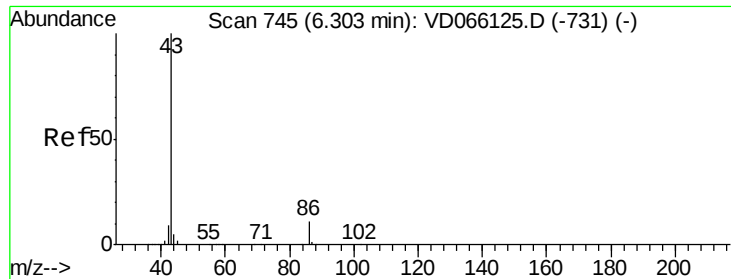
Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion:	45	Resp:	932225
Ion	Ratio	Lower	Upper
45	100		
43	53.9	41.2	61.8
87	27.4	22.8	34.2
59	11.1	10.2	15.2





#23

Vinyl Acetate

Concen: 507.046 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2805893

Ion Ratio Lower Upper

43 100

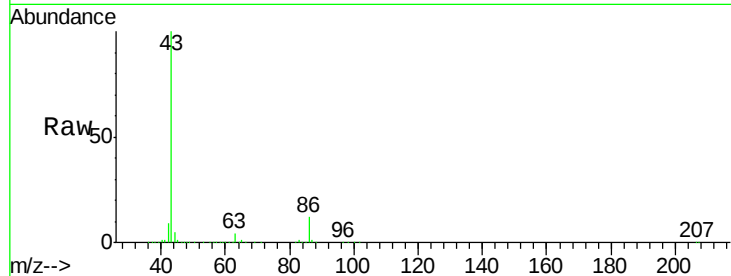
86 11.9 9.1 13.7

Manual Integrations

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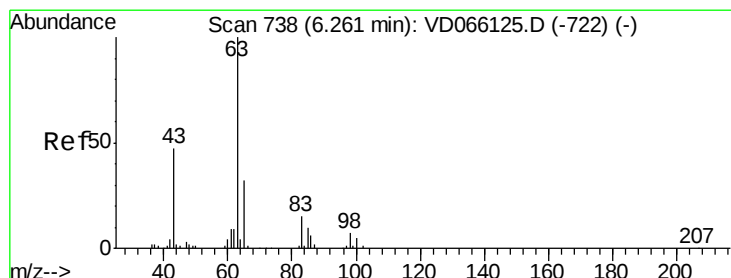
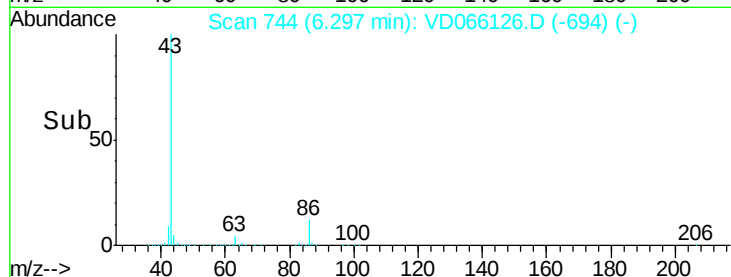
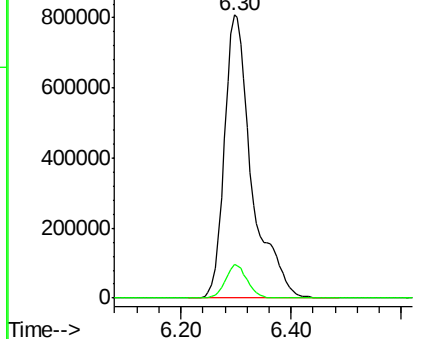
MMDadoda

8/6/2020 1:54:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 95.304 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

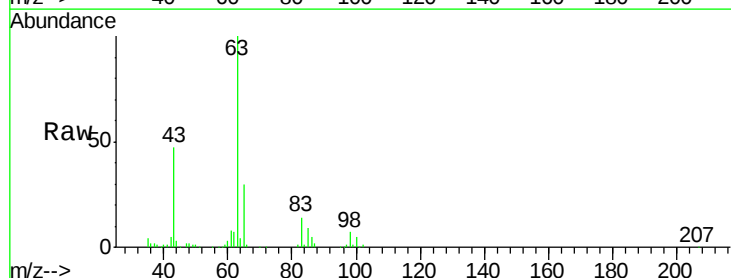
Tgt Ion: 63 Resp: 568524

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

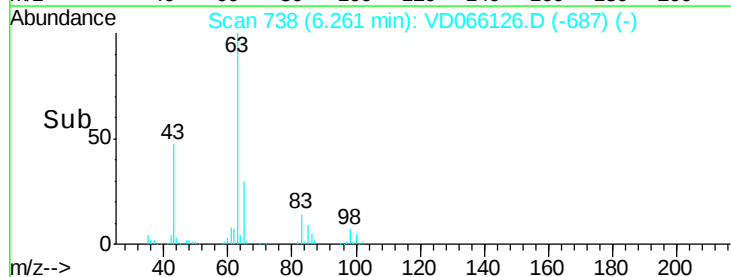
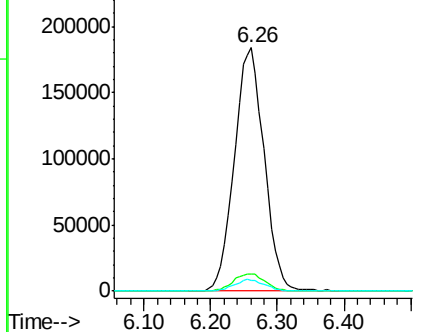
100 4.6 2.4 7.2

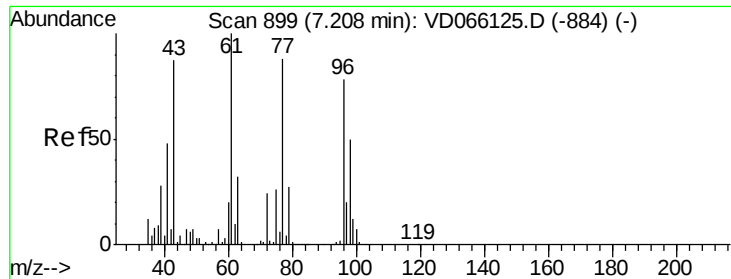


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 472.390 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 427955

Ion Ratio Lower Upper

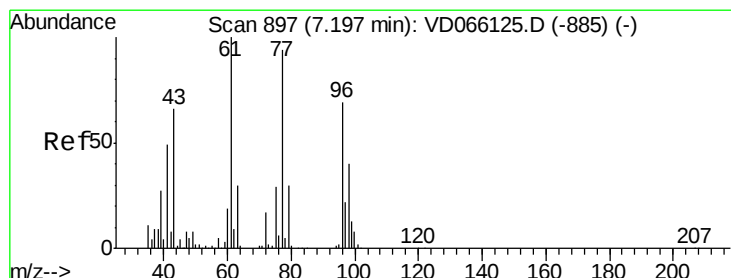
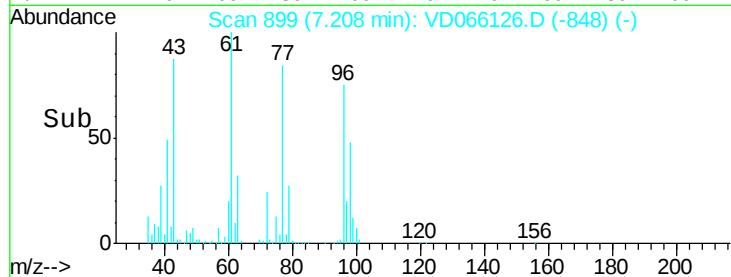
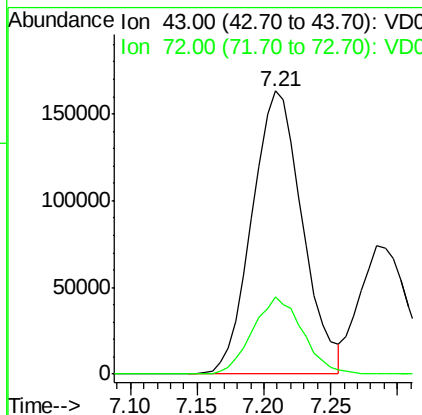
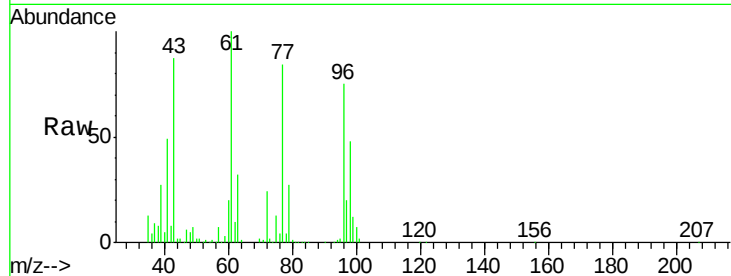
43 100

72 27.2 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 89.519 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066126.D

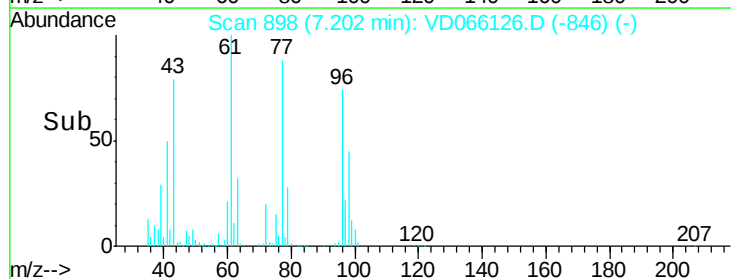
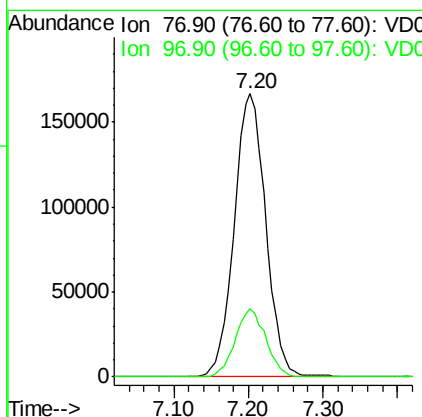
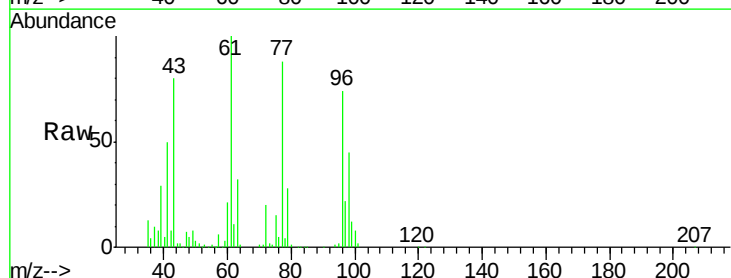
Acq: 05 Aug 2020 12:26

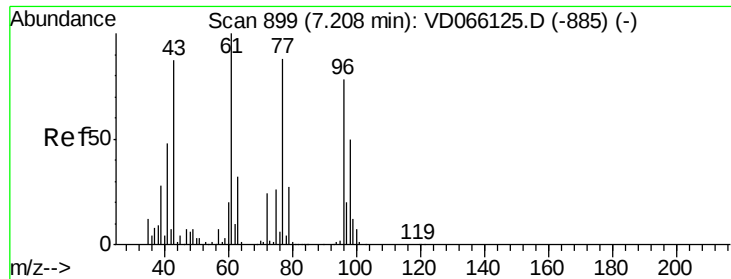
Tgt Ion: 77 Resp: 488850

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

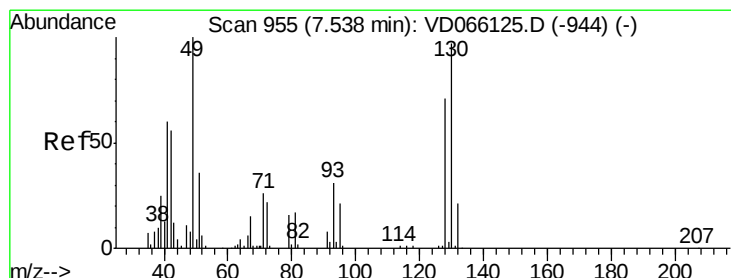
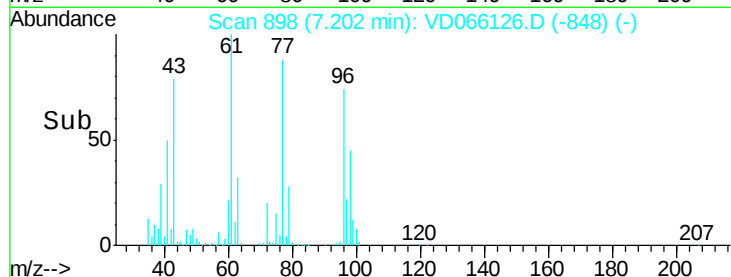
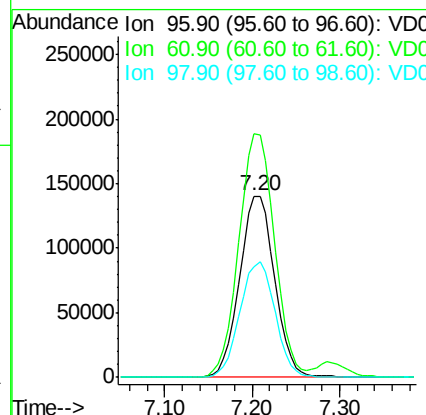
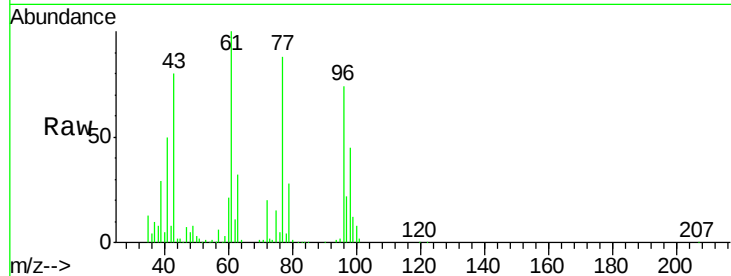
cis-1,2-Dichloroethene
 Concen: 99.230 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	381056		
61	136.7	0.0	281.6	
98	64.1	0.0	130.8	

Manual Integrations
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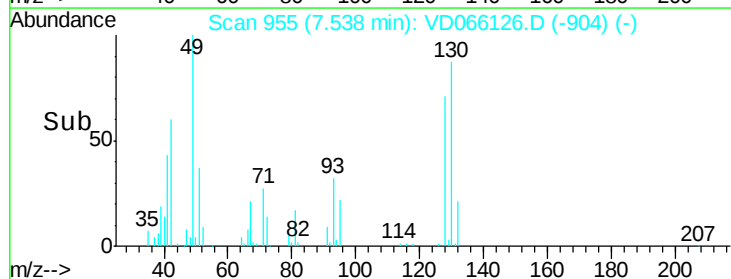
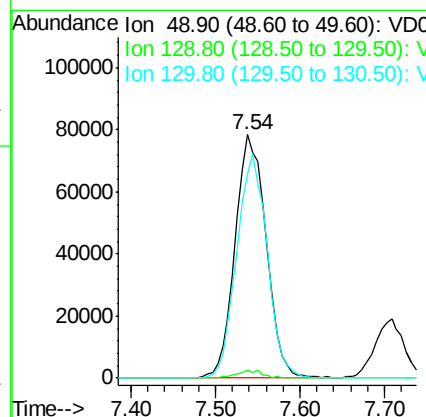
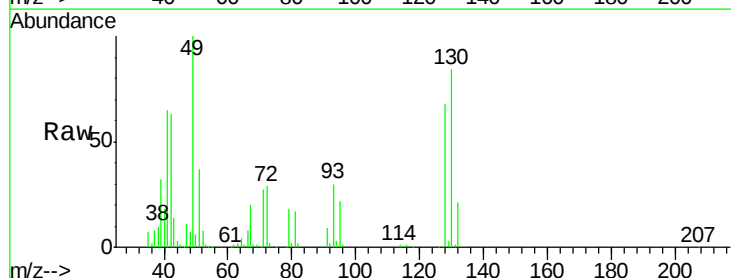
MMDadoda
 8/6/2020 1:54:22 PM

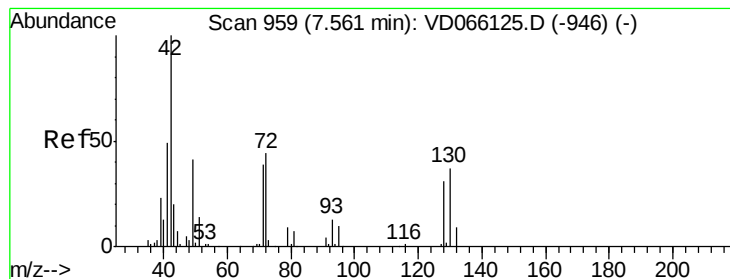


#28

Bromochloromethane
 Concen: 95.717 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	199552		
129	2.6	0.0	6.0	
130	90.5	73.8	110.6	





#29

Tetrahydrofuran

Concen: 501.356 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

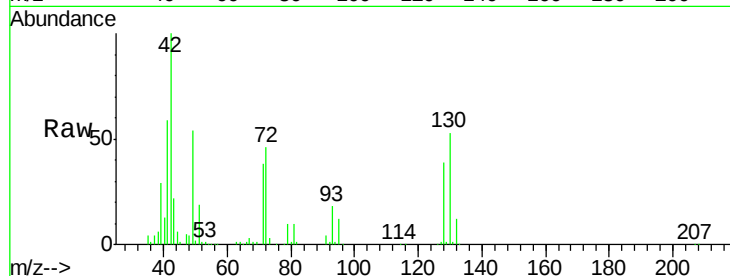
ClientSampleId :

VSTDIC100

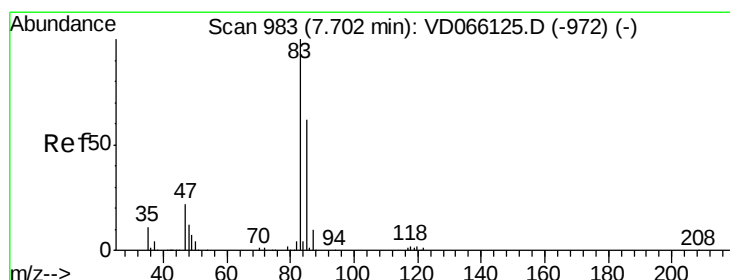
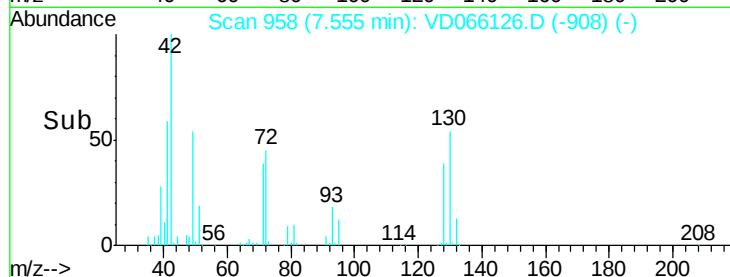
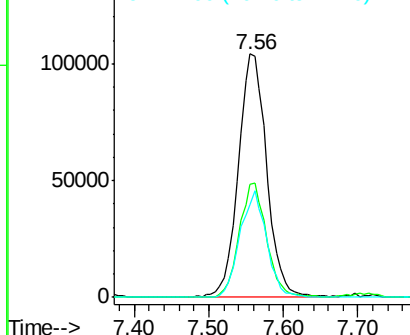
Tot Ion:	42	Resp:	276073
Ion Ratio		Lower	Upper
42	100		
72	45.2	34.8	52.2
71	41.3	33.5	50.3

Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 94.852 ug/l

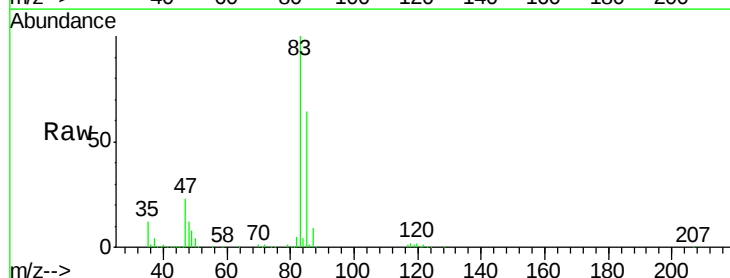
RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

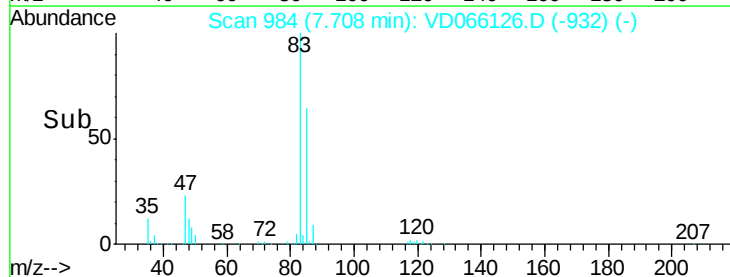
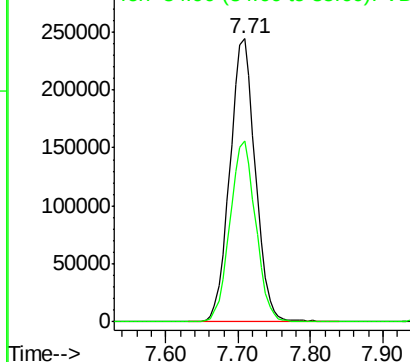
Lab File: VD066126.D

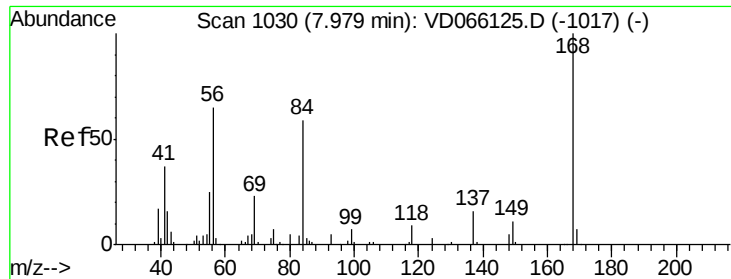
Acq: 05 Aug 2020 12:26

Tgt Ion:	83	Resp:	595512
Ion Ratio		Lower	Upper
83	100		
85	63.9	49.5	74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





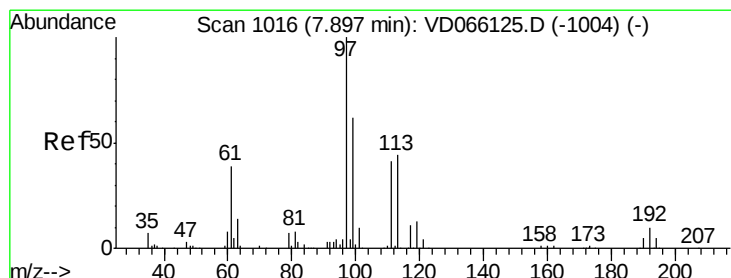
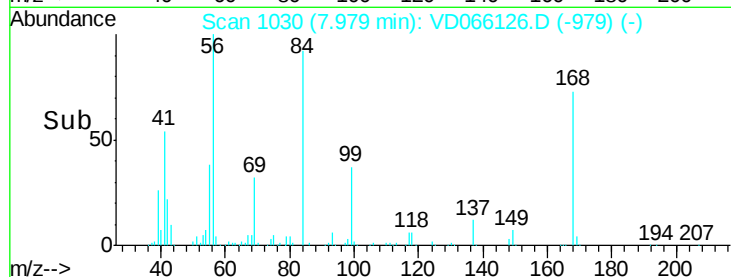
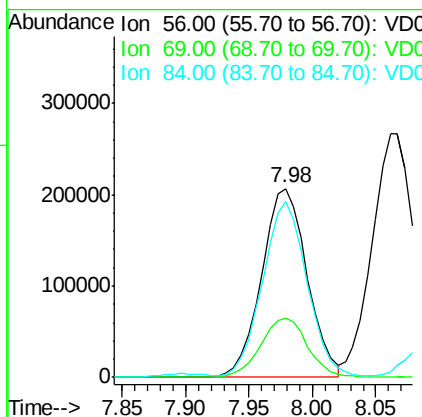
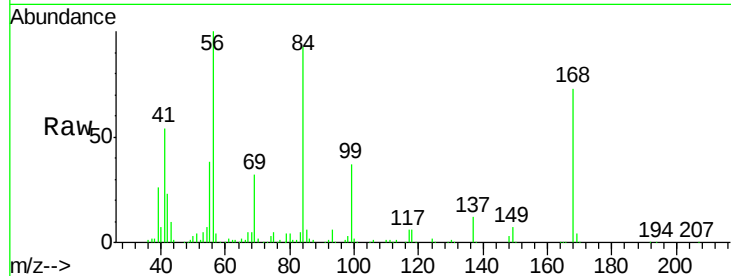
#31
Cyclohexane
Concen: 88.587 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	28.8	43.2
84	91.5	73.0	109.6

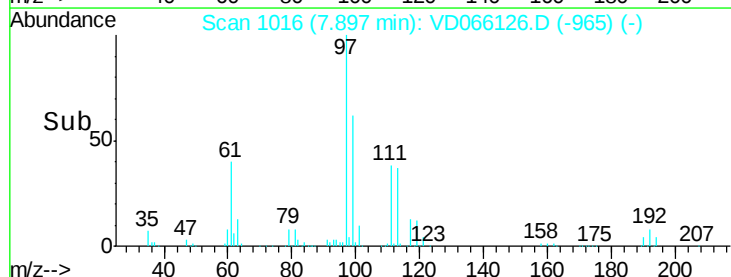
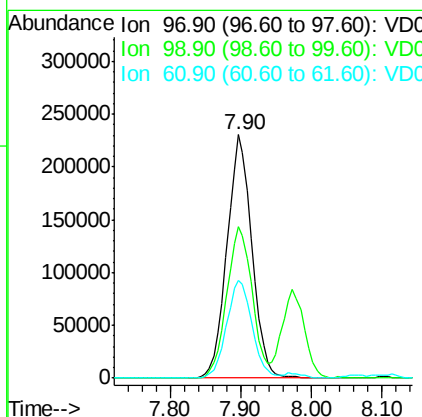
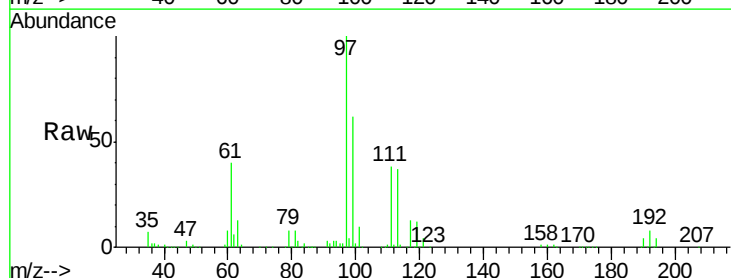
Manual Integrations
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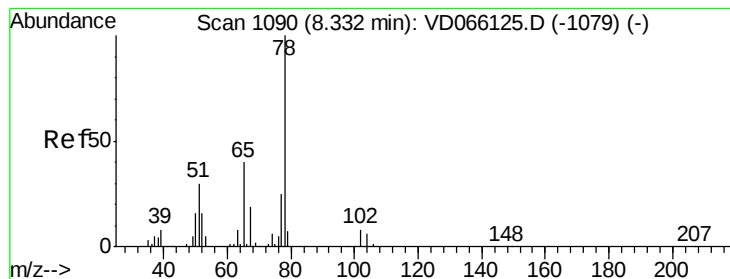
MMDadoda
8/6/2020 1:54:22 PM



#32
1,1,1-Trichloroethane
Concen: 95.836 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	40.9	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 98.223 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 312799

Ion Ratio Lower Upper

65 100

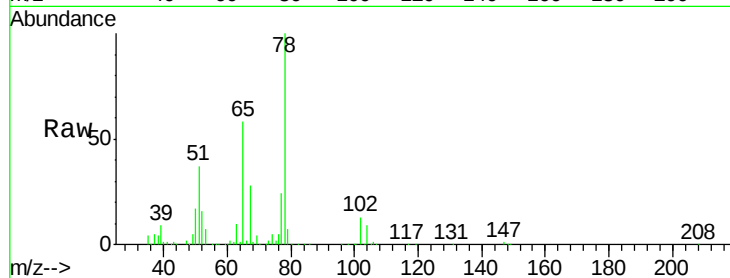
67 51.1 0.0 104.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

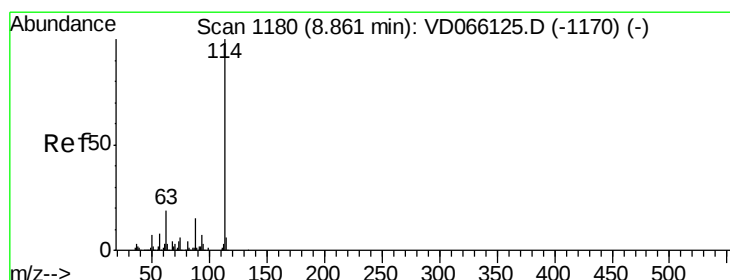
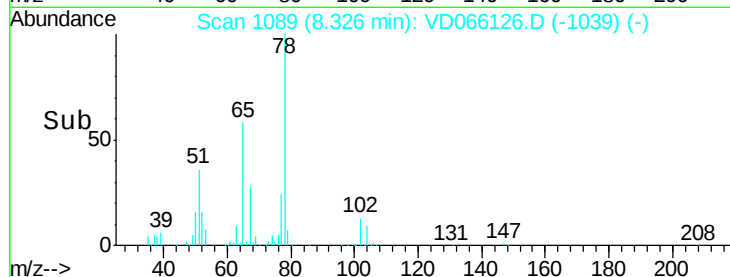
150000

100000

50000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

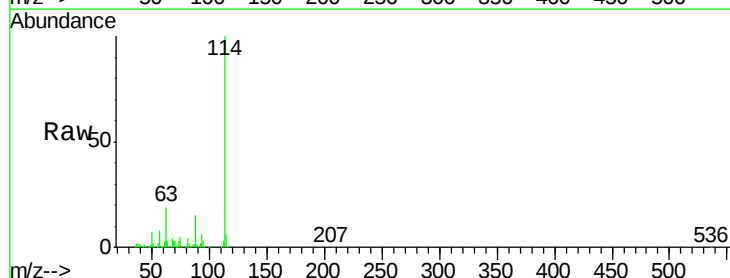
Tgt Ion: 114 Resp: 509998

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

88 14.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

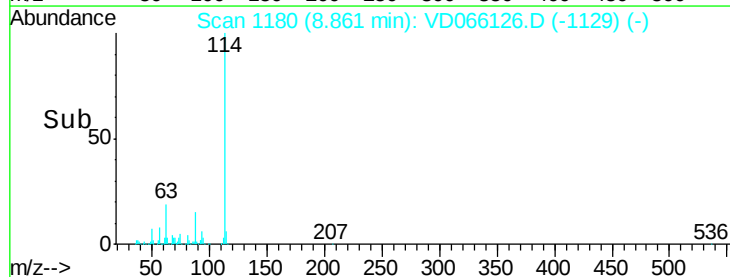
300000

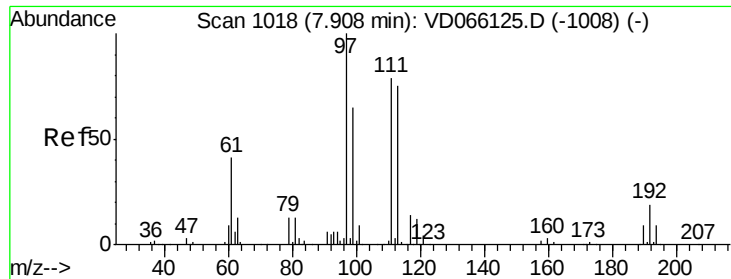
200000

100000

0

Time--> 8.80 8.90





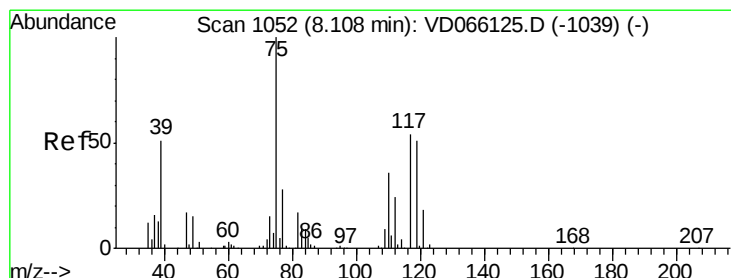
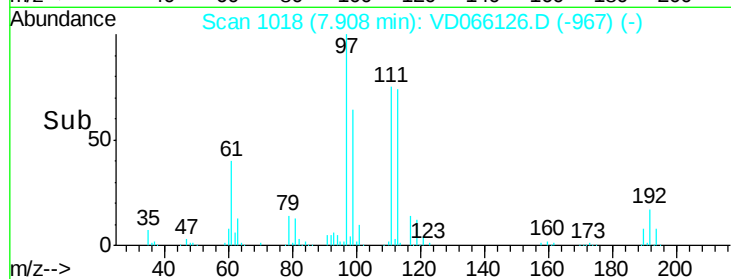
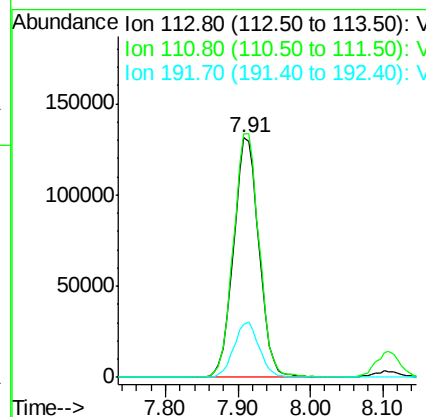
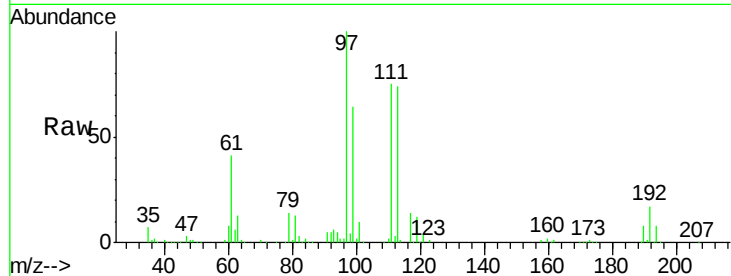
#35
 Dibromofluoromethane
 Concen: 98.495 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	321140		
111	102.6	80.7	121.1	
192	22.8	18.4	27.6	

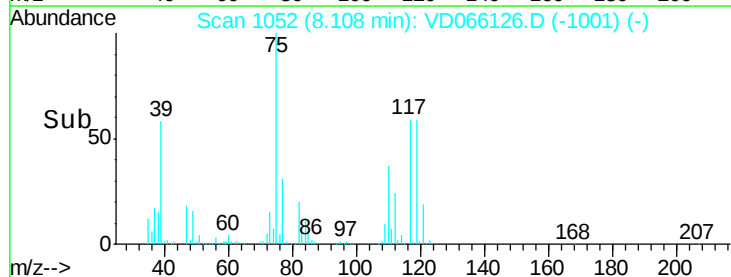
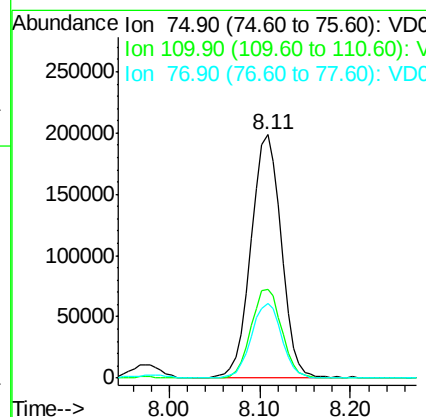
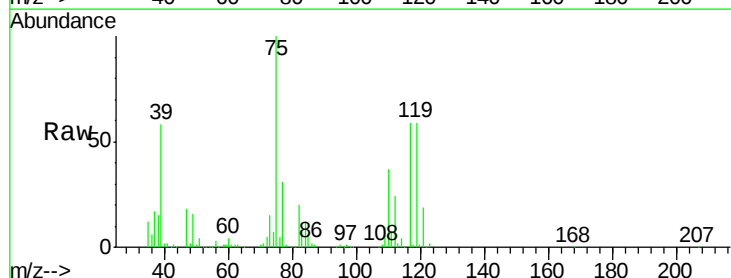
Manual Integrations
 APPROVED

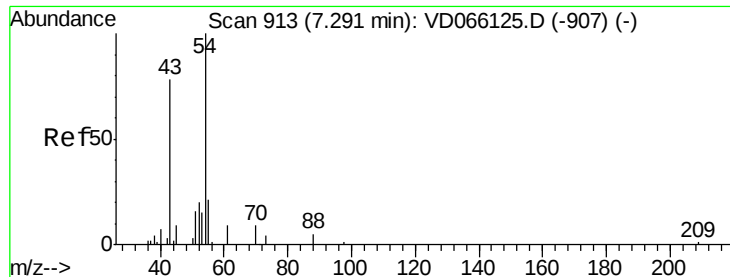
MMDadoda
 8/6/2020 1:54:22 PM



#36
 1,1-Dichloropropene
 Concen: 94.350 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	464440		
110	36.9	18.8	56.3	
77	31.0	24.2	36.2	





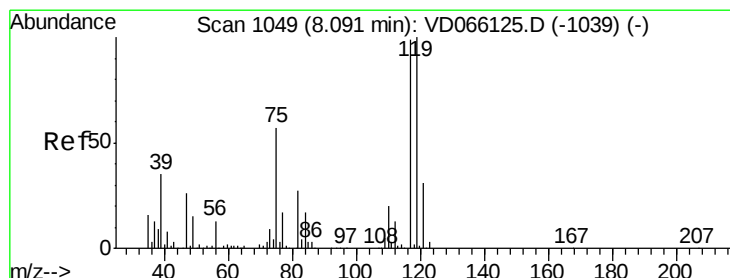
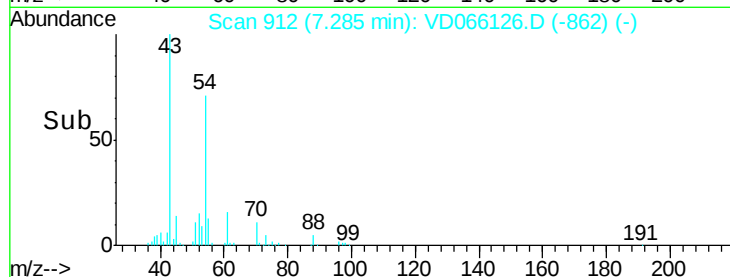
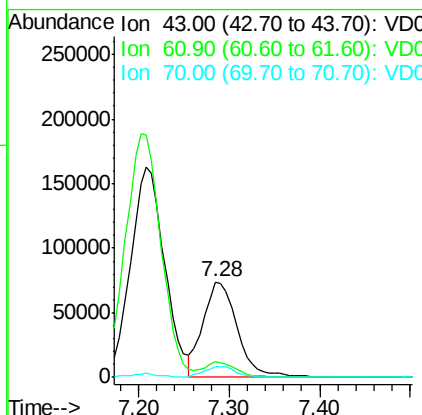
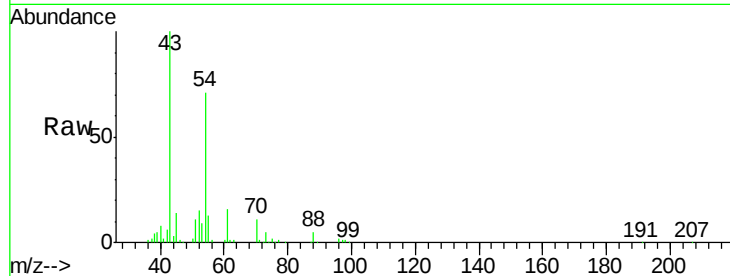
#37
Ethyl Acetate
Concen: 100.085 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.0	18.0
70	10.6	9.7	14.5

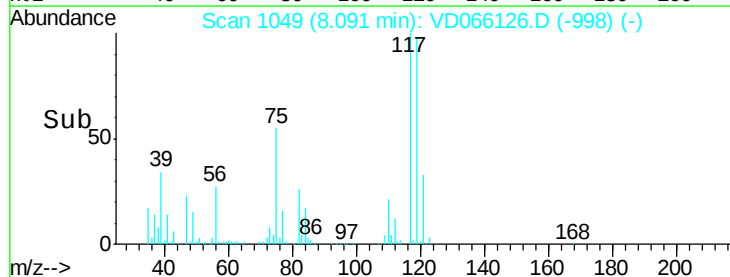
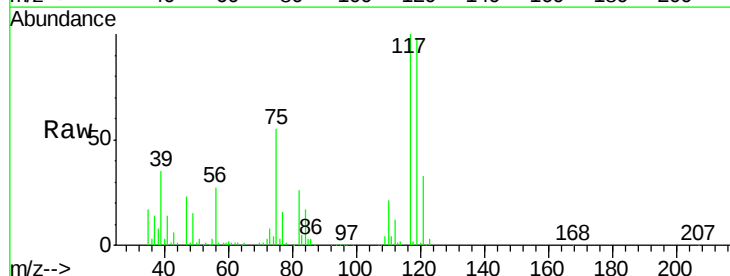
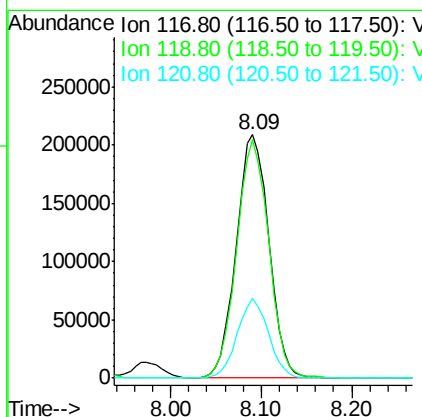
Manual Integrations
APPROVED

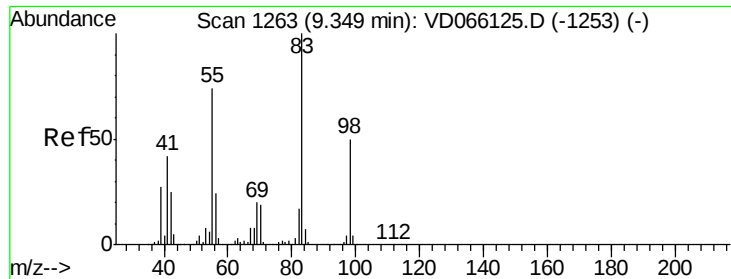
MMDadoda
8/6/2020 1:54:22 PM



#38
Carbon Tetrachloride
Concen: 95.564 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	81.0	121.4
121	32.8	24.8	37.2





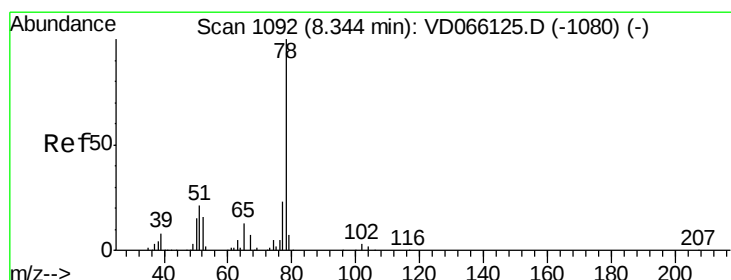
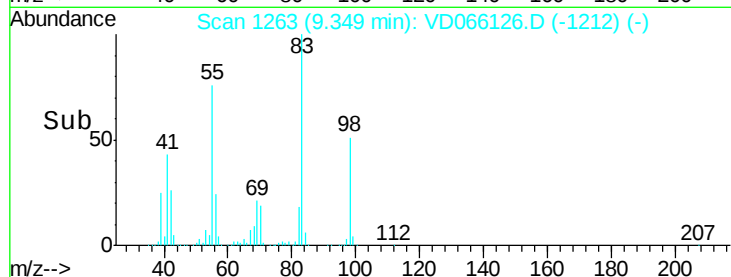
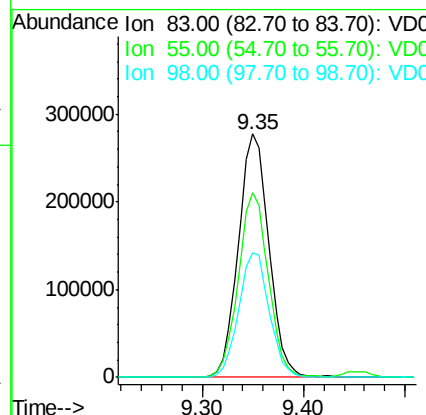
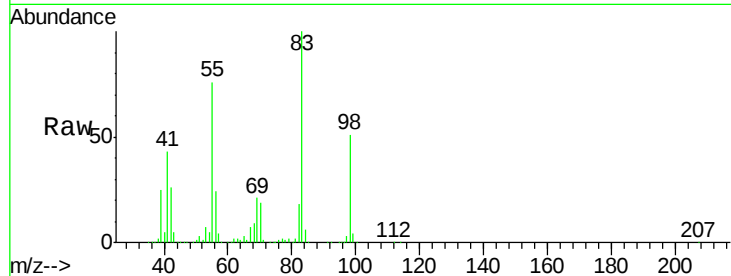
#39
Methvlcvclohexane
Concen: 99.356 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	580378
Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.2	88.8
98	51.2	39.8	59.6

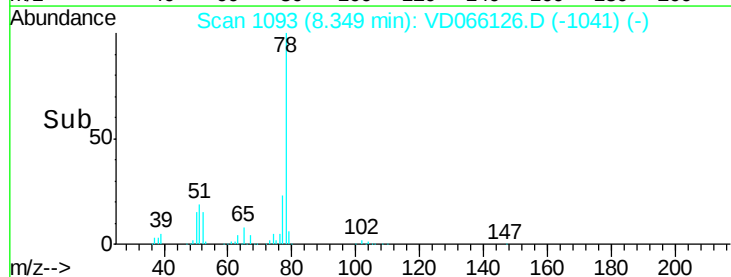
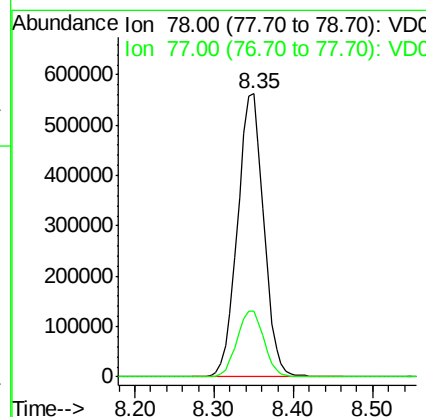
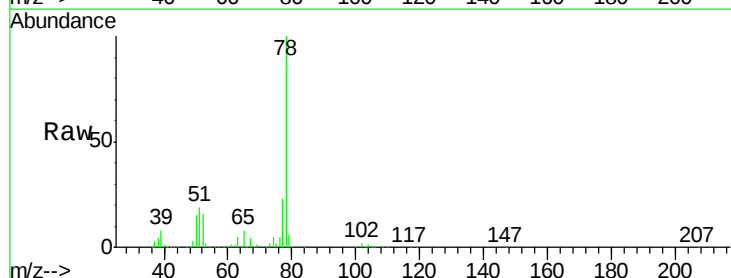
Manual Integrations
APPROVED

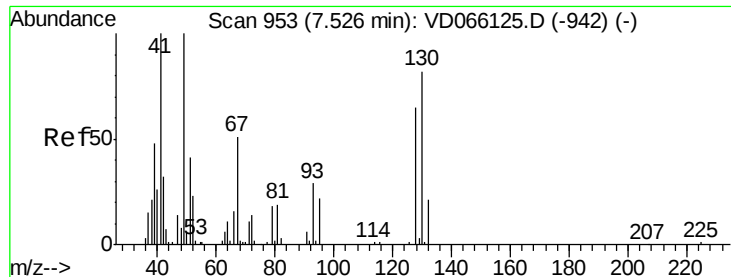
MMDadoda
8/6/2020 1:54:22 PM



#40
Benzene
Concen: 94.493 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	78	Resp	1290785
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





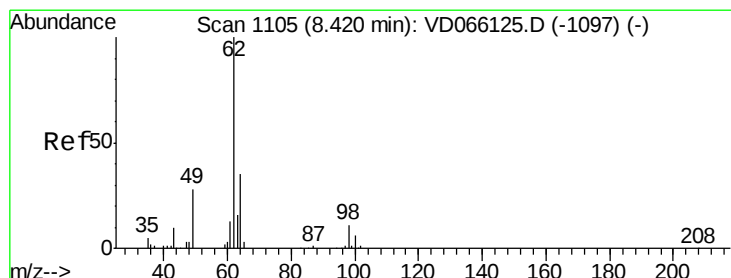
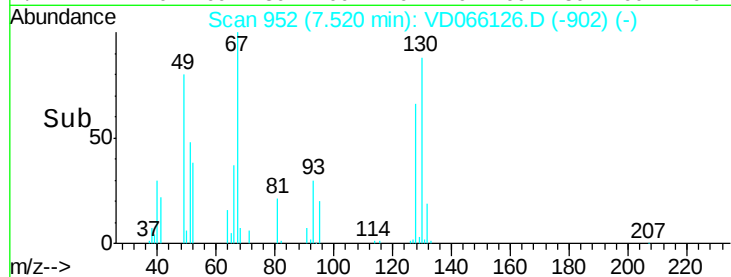
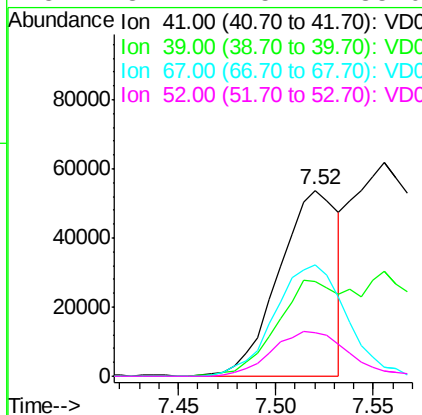
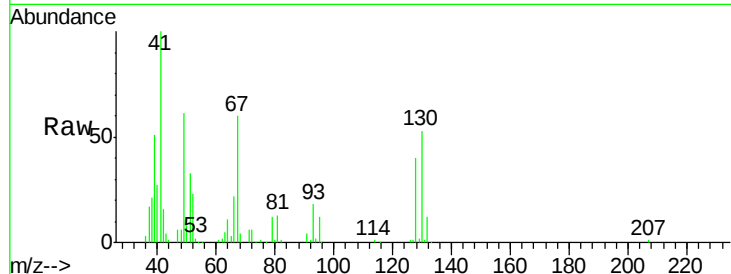
#41
Methacrylonitrile
Concen: 103.859 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	41	Resp	113053
Ion Ratio	Lower	Upper	
41	100		
39	52.5	47.5	71.3
67	73.4	59.1	88.7
52	31.1	25.4	38.0

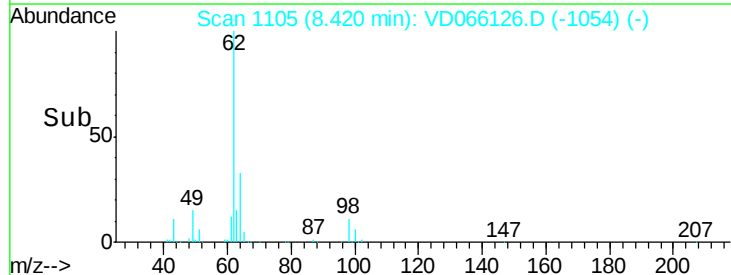
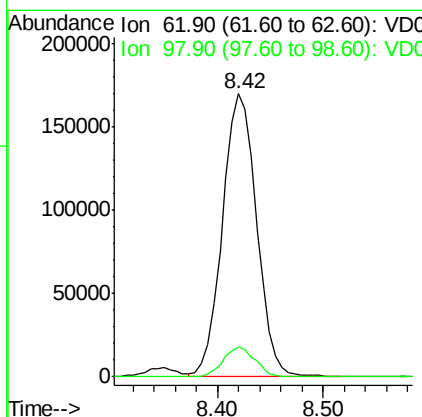
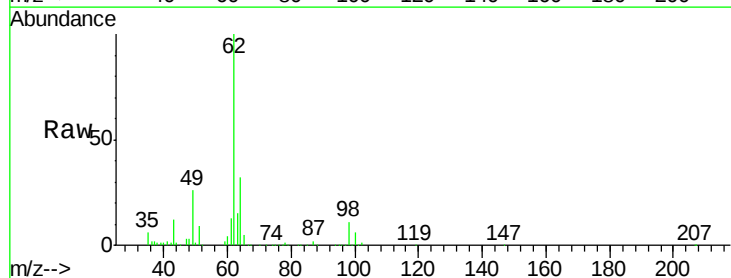
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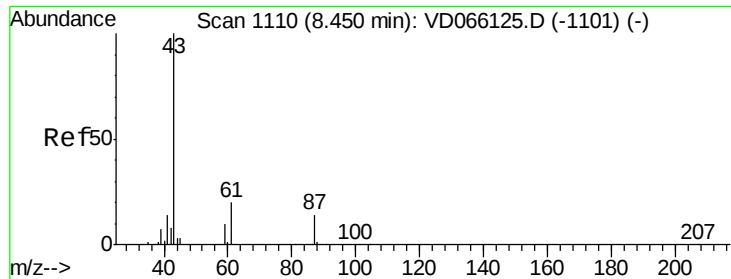
MMDadoda
8/6/2020 1:54:22 PM



#42
1,2-Dichloroethane
Concen: 95.178 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	62	Resp	379726
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 101.961 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

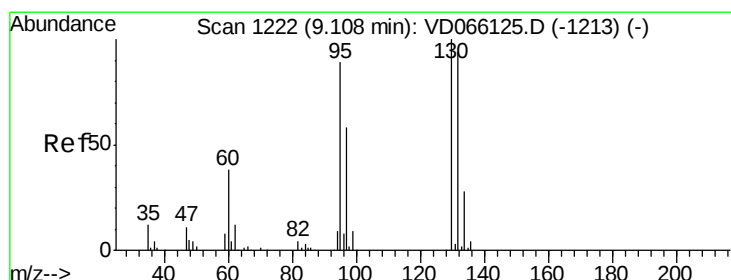
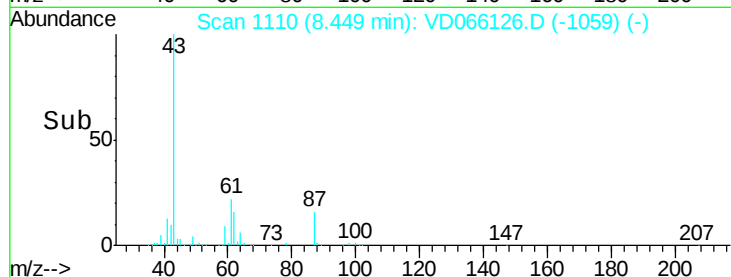
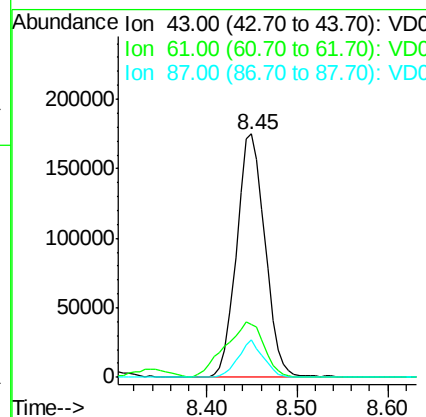
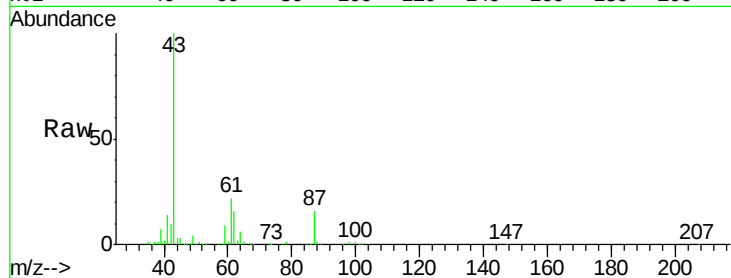
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	380612
Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.5	38.3
87	13.8	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 96.342 ug/l

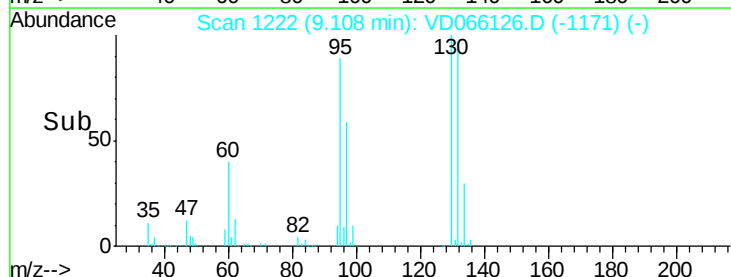
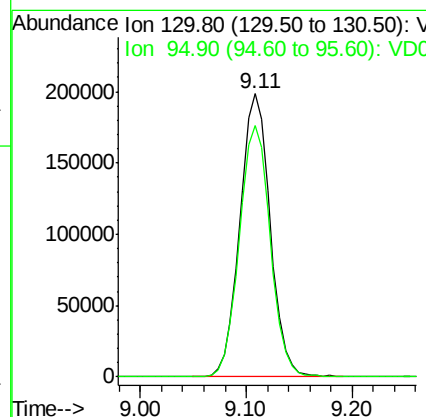
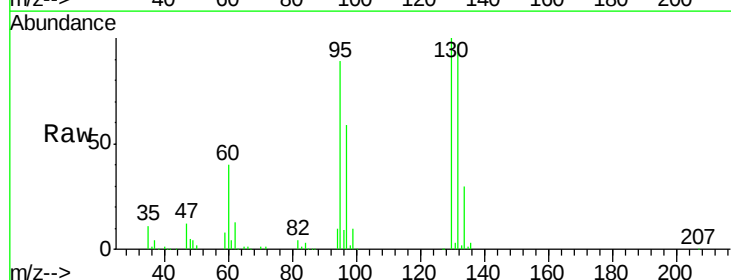
RT: 9.11 min Scan# 1222

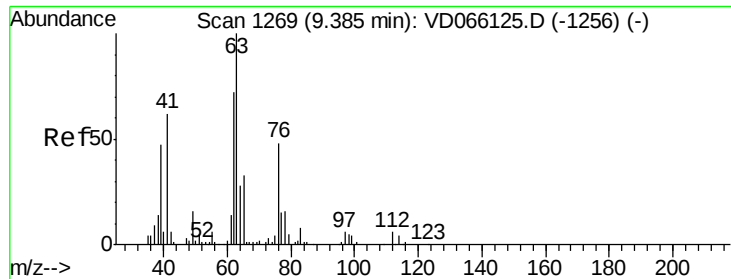
Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion:	130	Resp:	393261
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	178.4





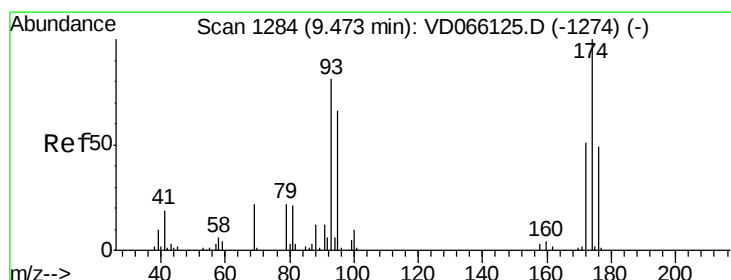
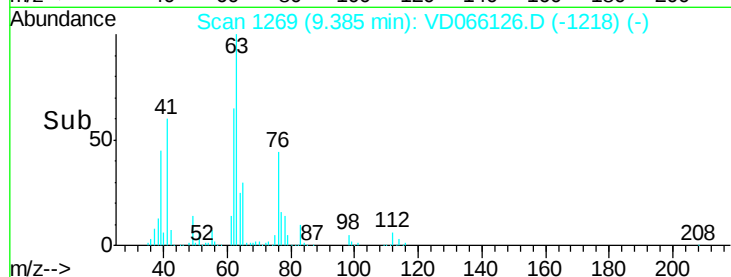
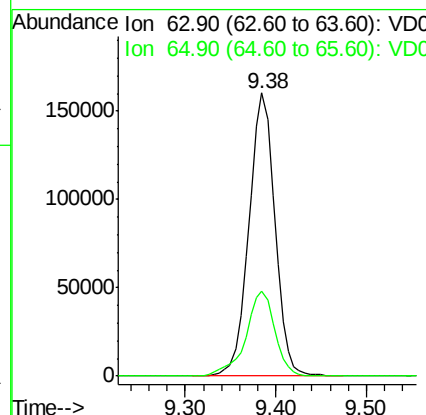
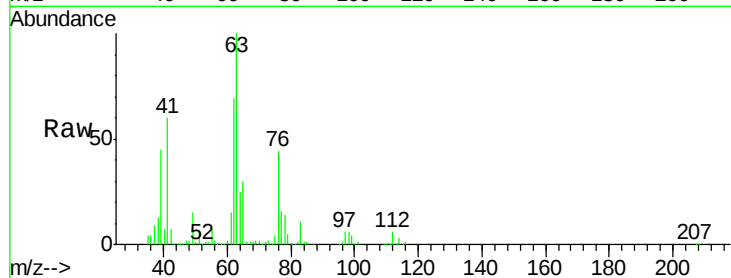
#45
 1,2-Dichloropropane
 Concen: 96.730 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	26.5	39.7

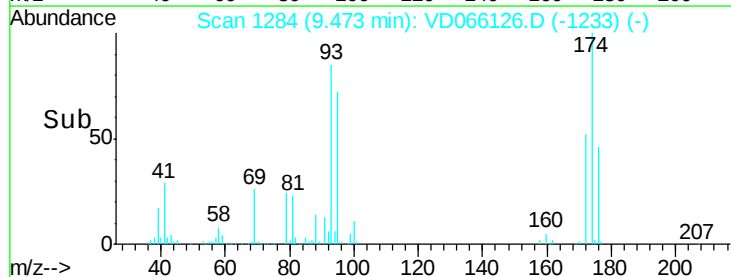
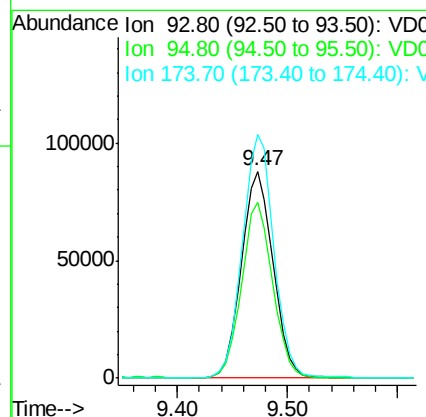
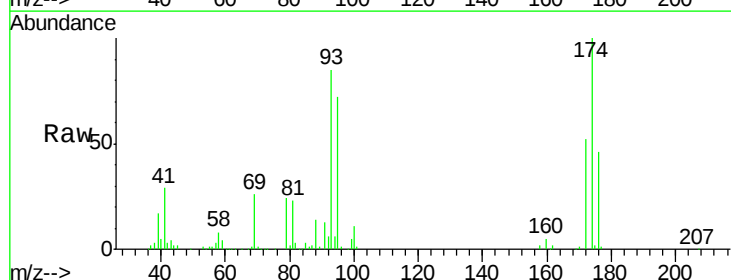
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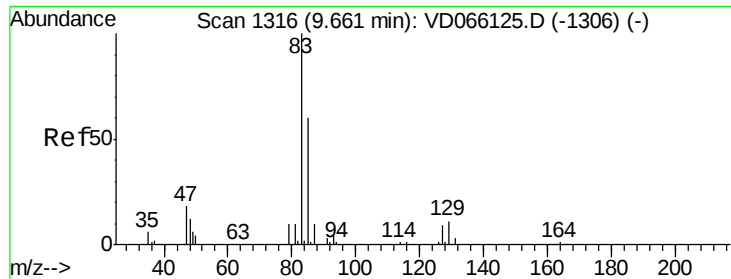
MMDadoda
 8/6/2020 1:54:22 PM



#46
 Dibromomethane
 Concen: 98.084 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.6
174	116.0	92.8	139.2





#47

Bromodichloromethane

Concen: 97.376 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

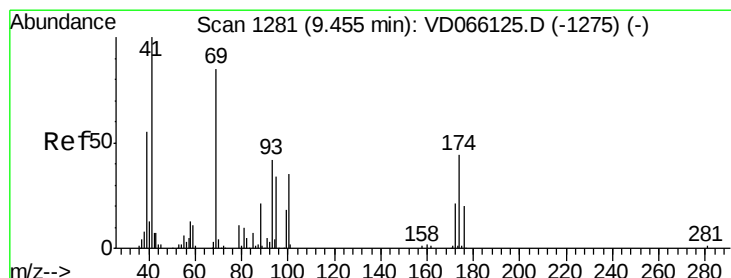
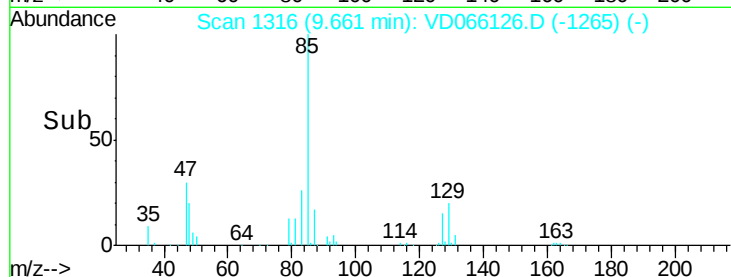
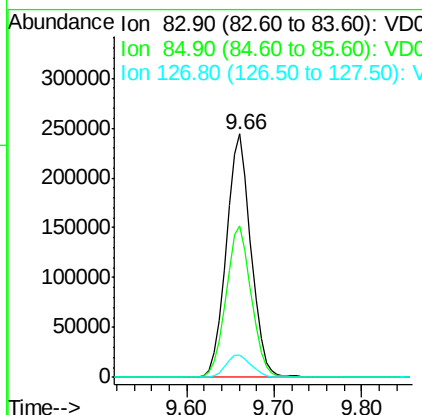
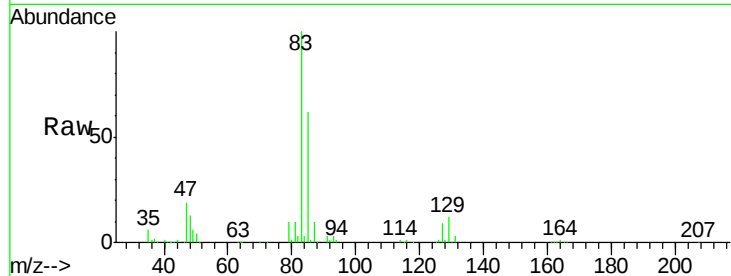
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	468182
Ion	Ratio	Lower	Upper
83	100		
85	62.4	48.2	72.4
127	9.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 91.807 ug/l

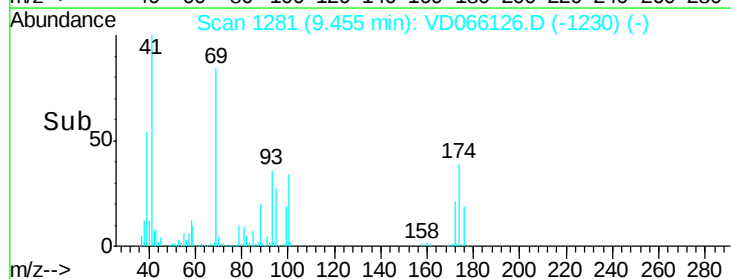
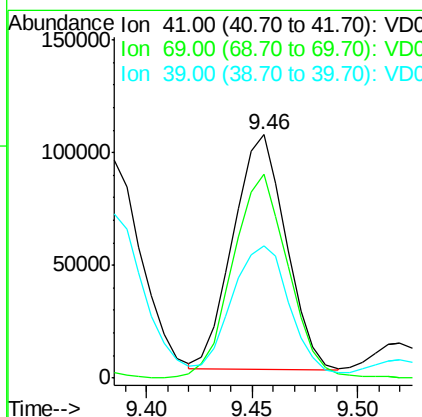
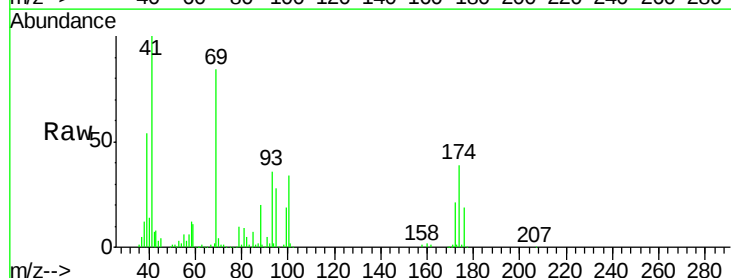
RT: 9.46 min Scan# 1281

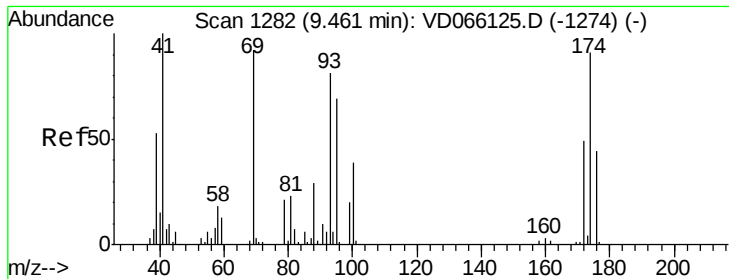
Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion:	41	Resp:	180508
Ion	Ratio	Lower	Upper
41	100		
69	91.1	63.9	95.9
39	58.2	42.6	64.0





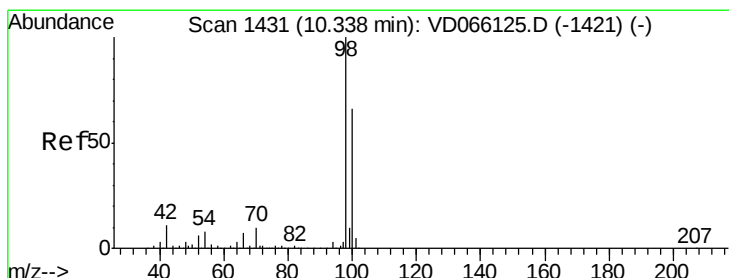
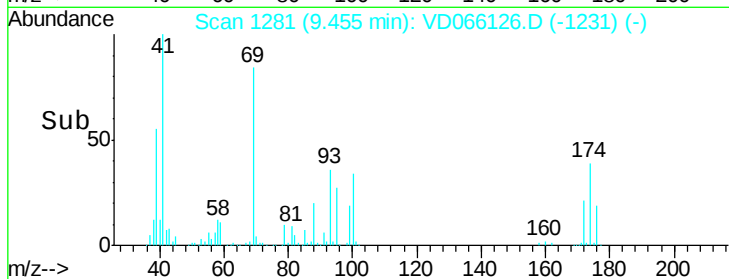
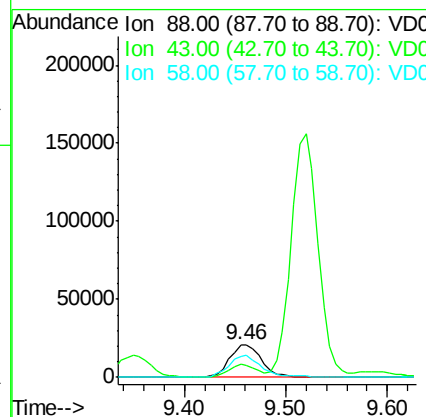
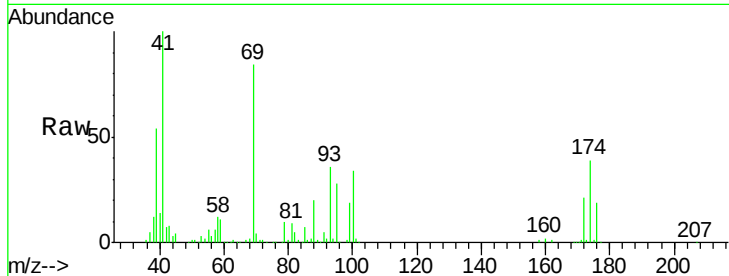
#49
1,4-Dioxane
Concen: 1981.885 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.5	41.3
58	66.1	50.2	75.4

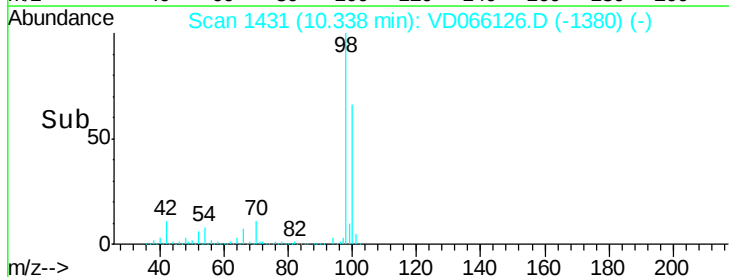
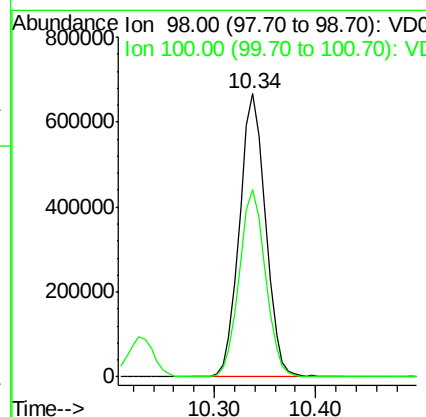
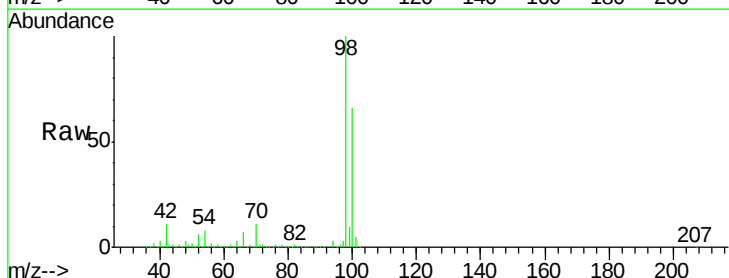
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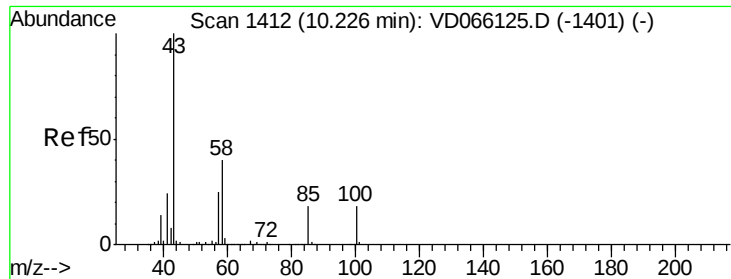
MMDadoda
8/6/2020 1:54:22 PM



#50
Toluene-d8
Concen: 100.370 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 488.407 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 950074

Ion Ratio Lower Upper

43 100

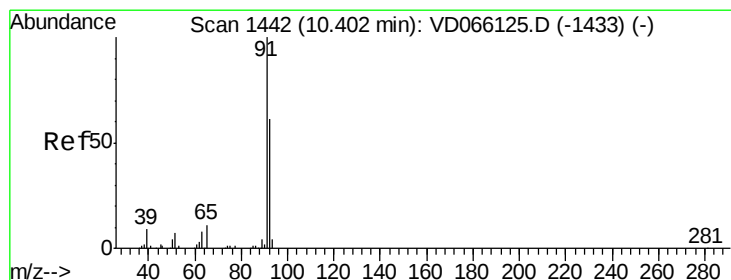
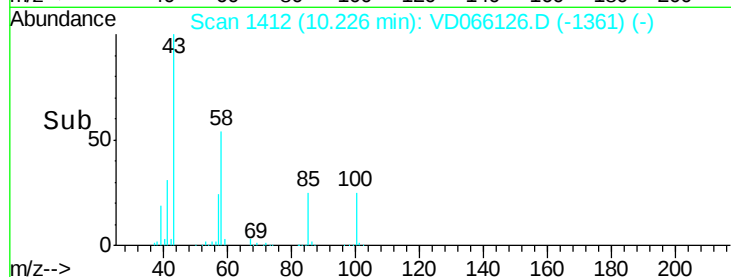
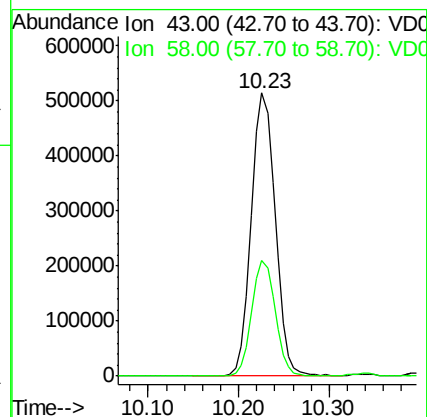
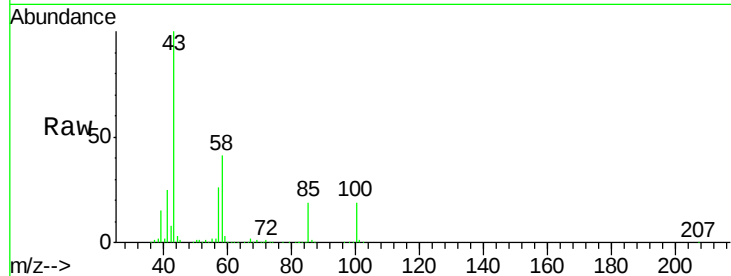
58 40.0 31.1 46.7

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#52

Toluene

Concen: 95.351 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066126.D

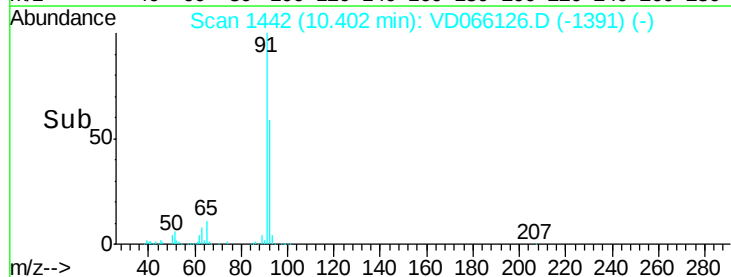
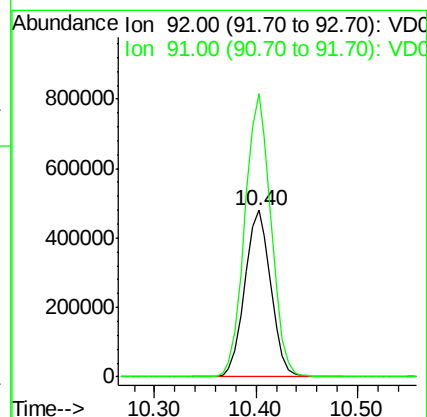
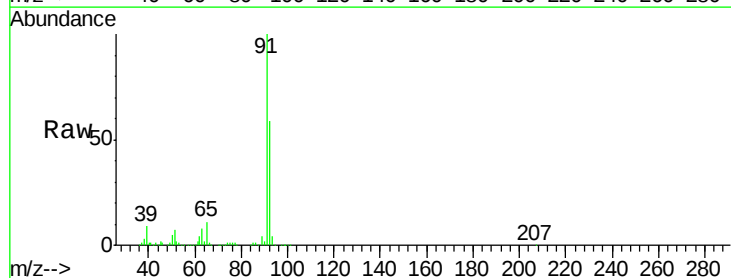
Acq: 05 Aug 2020 12:26

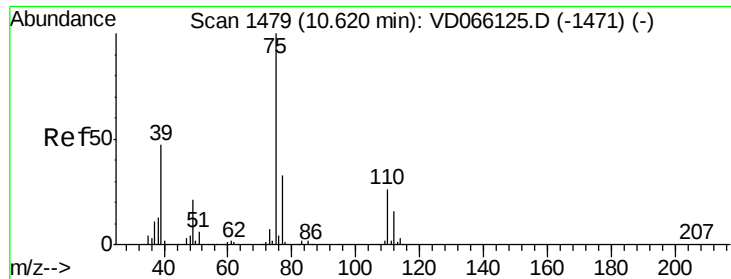
Tgt Ion: 92 Resp: 852483

Ion Ratio Lower Upper

92 100

91 171.5 135.2 202.8





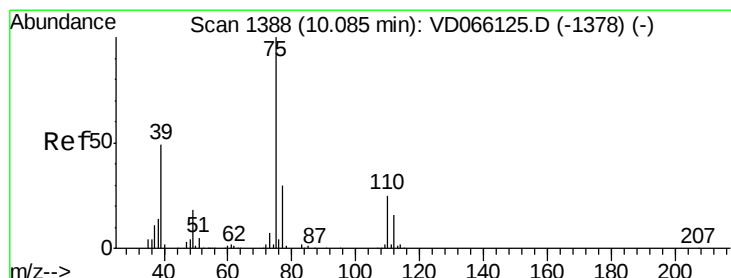
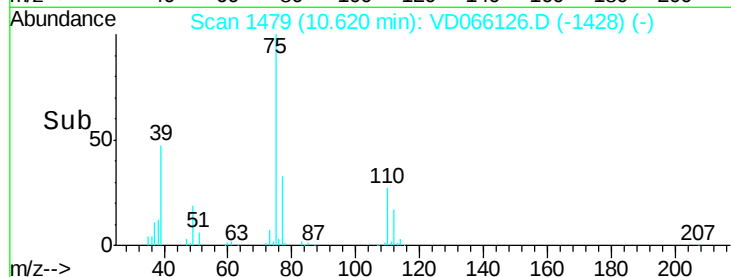
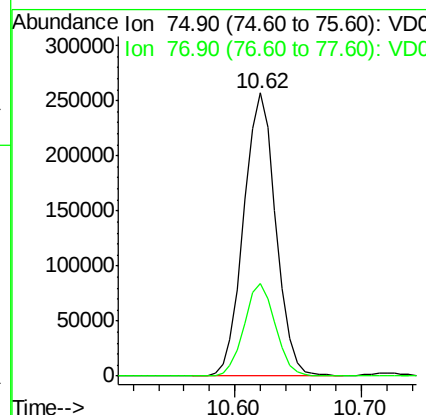
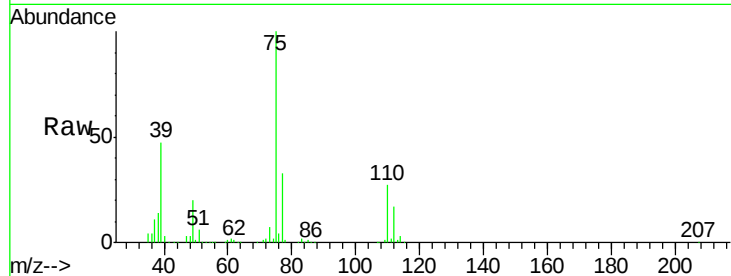
#53
 t-1,3-Dichloropropene
 Concen: 100.444 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 452446
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.2

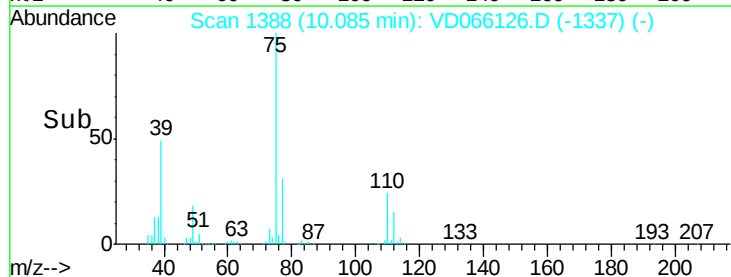
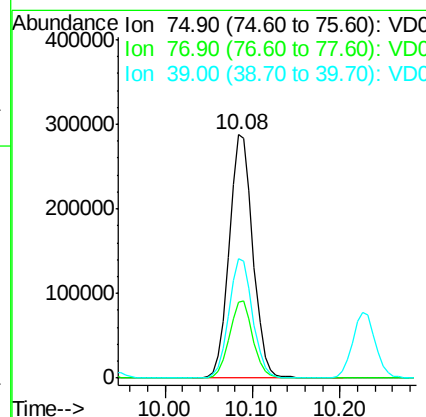
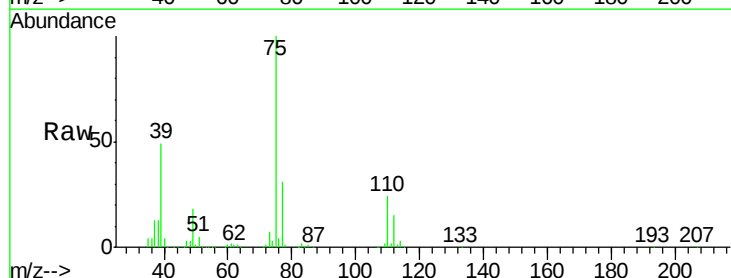
Manual Integrations
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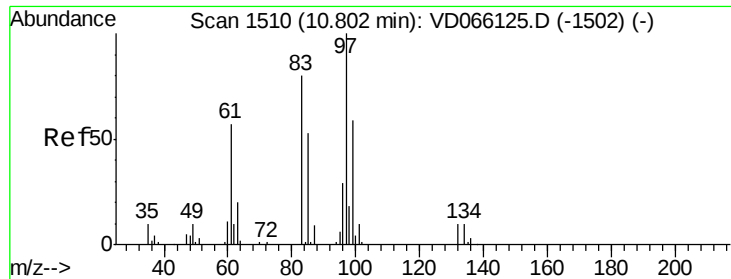
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 101.322 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 75 Resp: 533578
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.3 36.5
 39 48.8 39.3 58.9





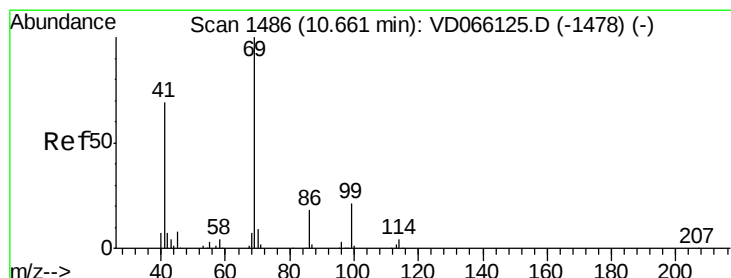
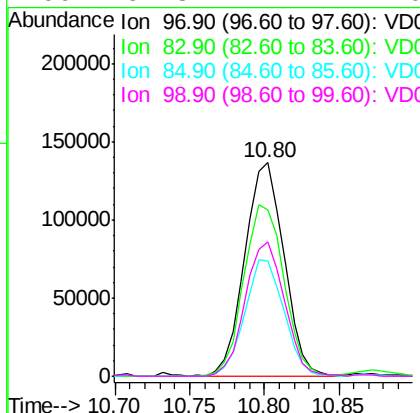
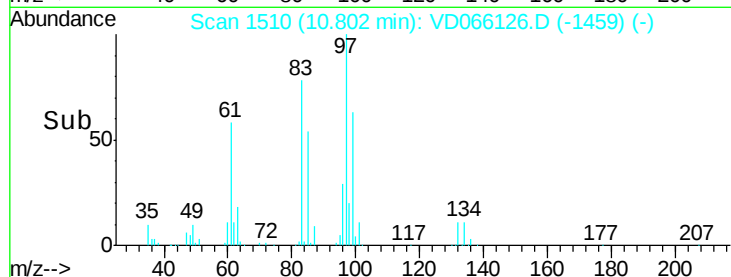
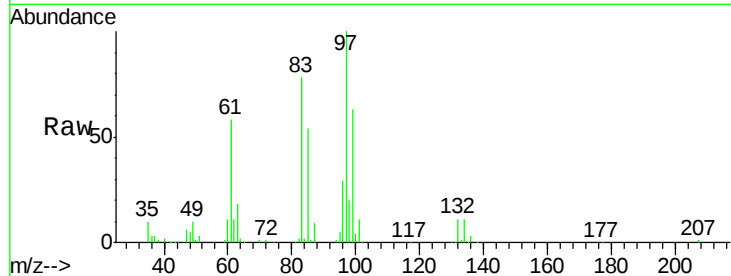
#55
 1,1,2-Trichloroethane
 Concen: 94.176 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	249539
Ion	Ratio	Lower	Upper
97	100		
83	77.9	63.9	95.9
85	53.9	42.5	63.7
99	62.8	47.4	71.0

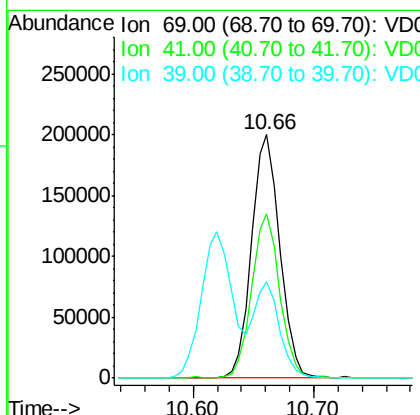
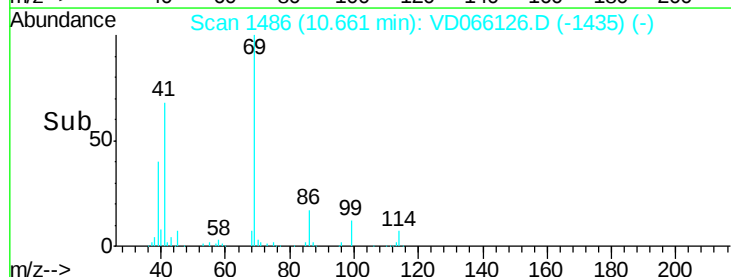
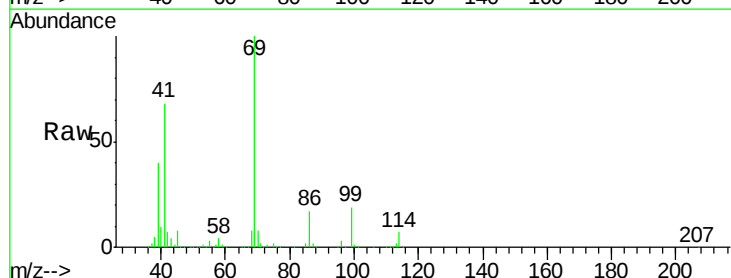
Manual Integrations
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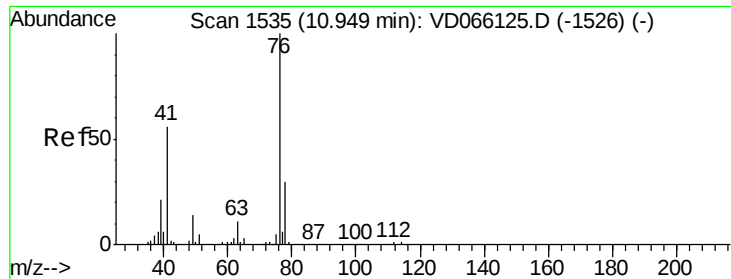
MMDadoda
 8/6/2020 1:54:22 PM



#56
 Ethyl methacrylate
 Concen: 107.482 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion:	69	Resp:	326694
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.1	81.1
39	35.7	28.6	43.0





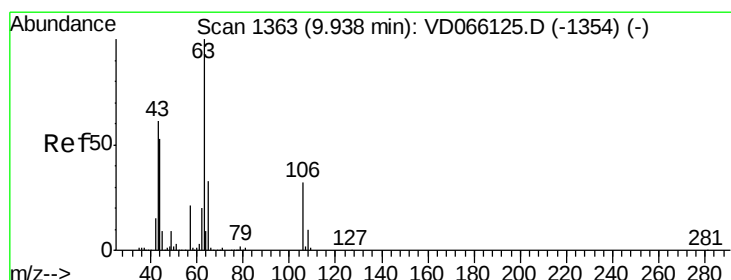
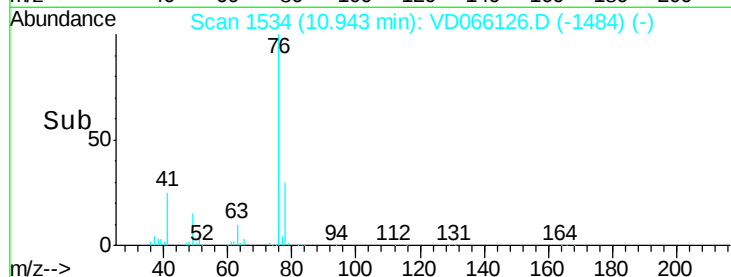
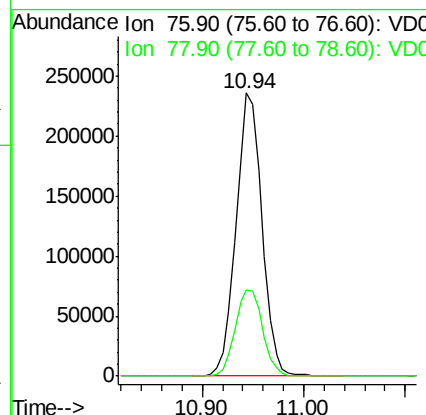
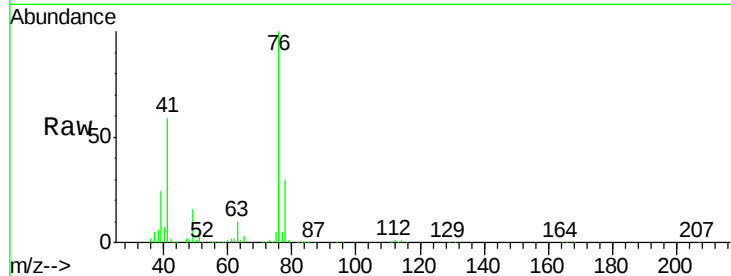
#57
 1,3-Dichloropropane
 Concen: 95.859 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 417700
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

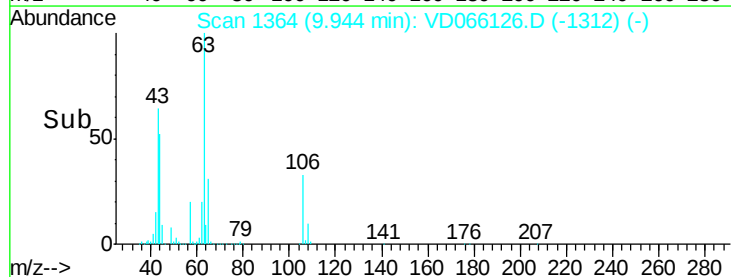
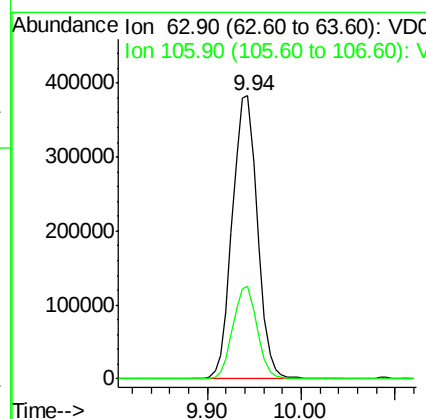
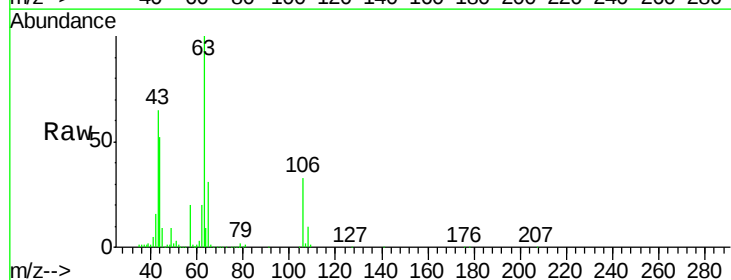
Manual Integrations
 APPROVED

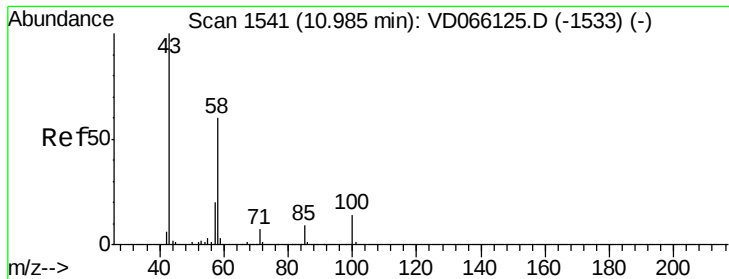
MMDadoda
 8/6/2020 1:54:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 514.653 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion: 63 Resp: 711707
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.3 37.9





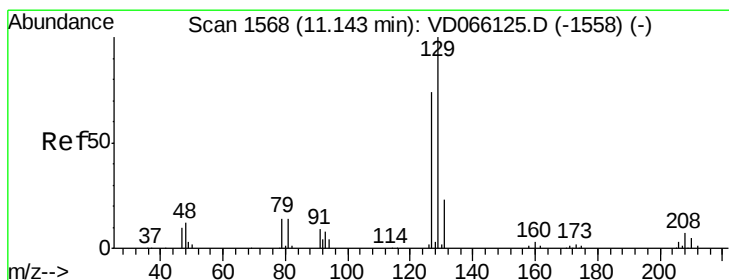
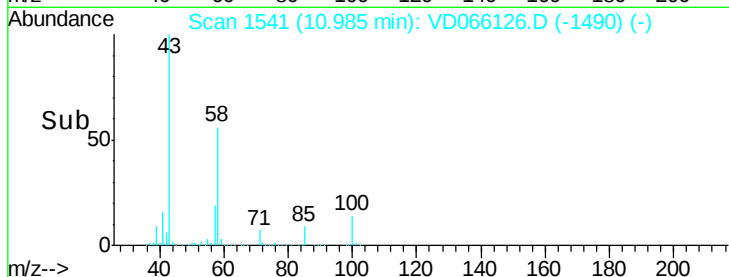
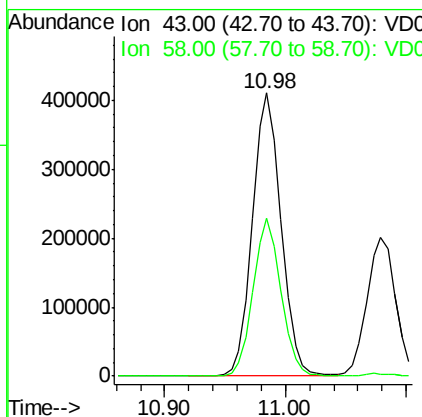
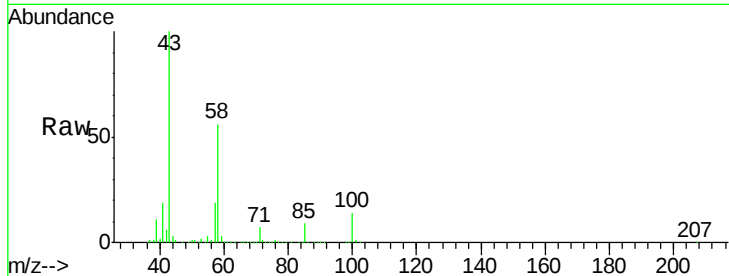
#59
2-Hexanone
Concen: 499.487 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 679446
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.4

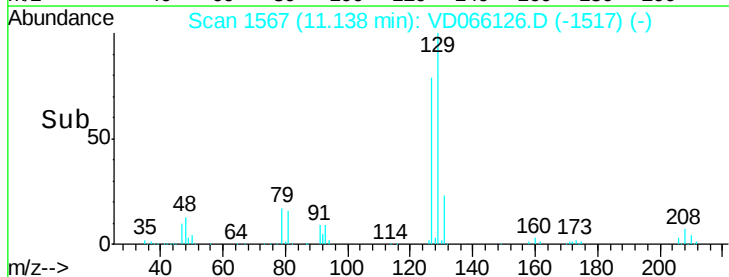
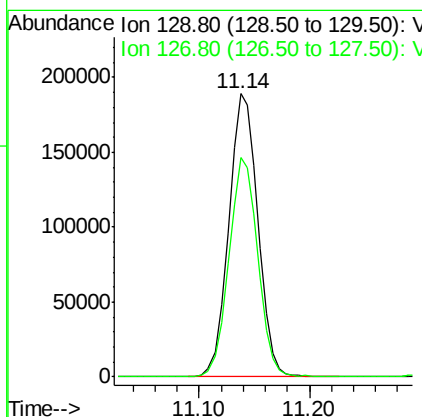
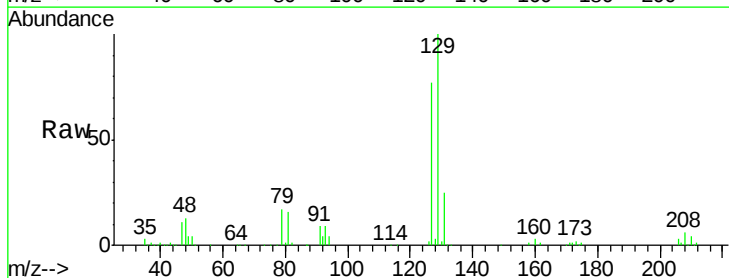
Manual Integrations
APPROVED

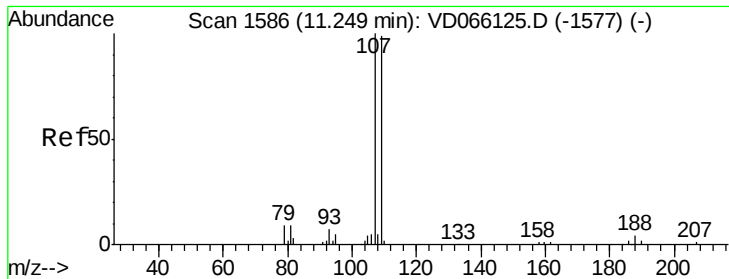
MMDadoda
8/6/2020 1:54:22 PM



#60
Dibromochloromethane
Concen: 95.989 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 129 Resp: 348195
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 97.638 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 245322

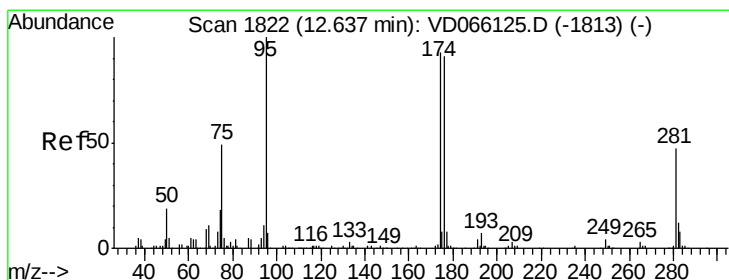
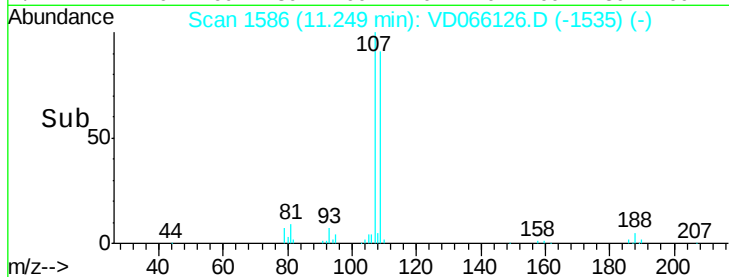
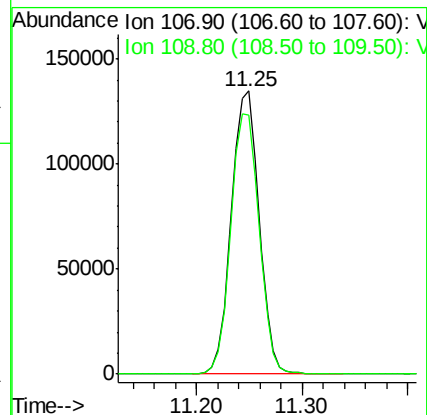
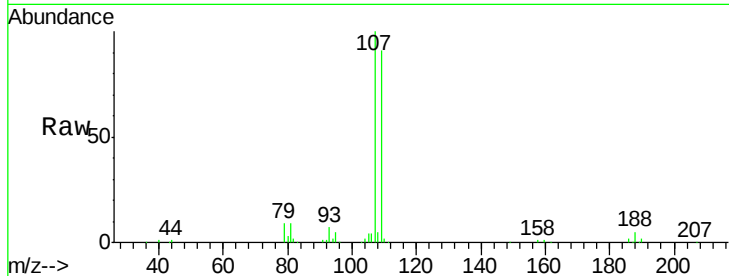
Ion Ratio Lower Upper

107 100

109 94.1 76.5 114.7

Manual Integrations
APPROVED

MMDadoda
8/6/2020 1:54:22 PM



#62

4-Bromofluorobenzene

Concen: 98.632 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

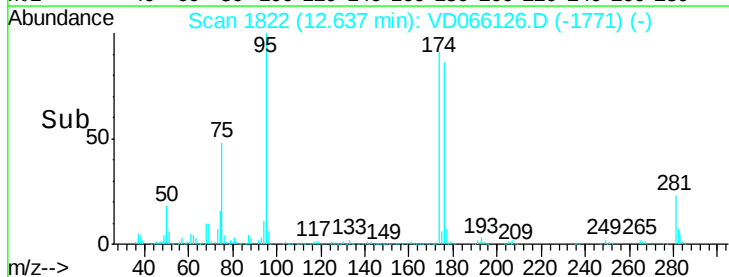
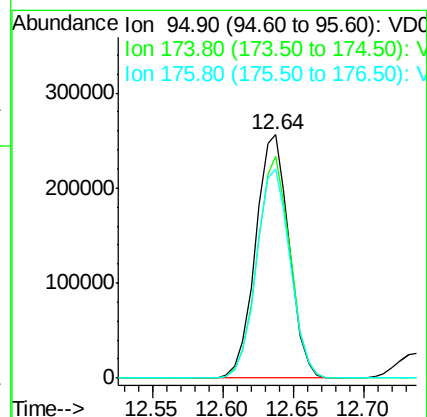
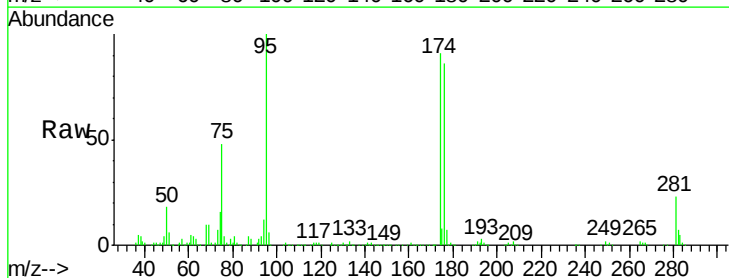
Tgt Ion: 95 Resp: 426948

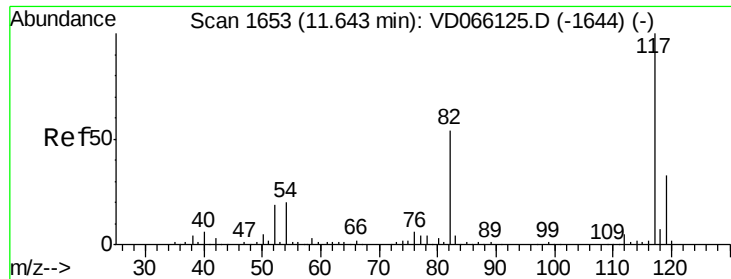
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

176 86.6 0.0 181.2





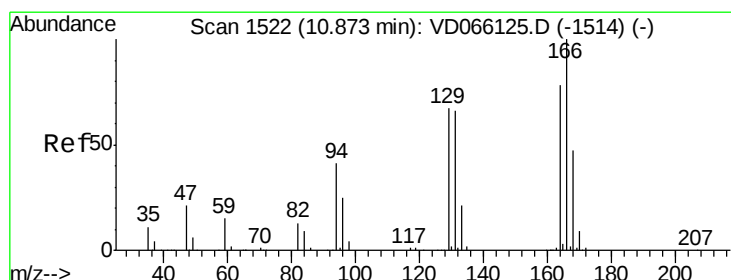
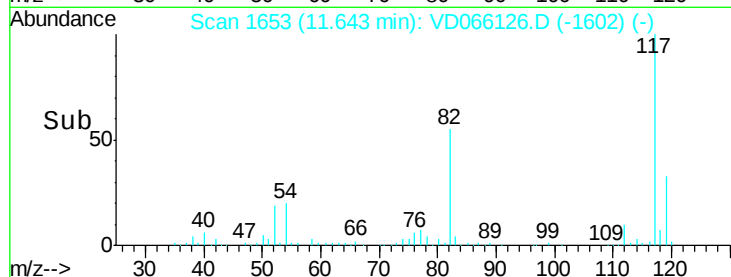
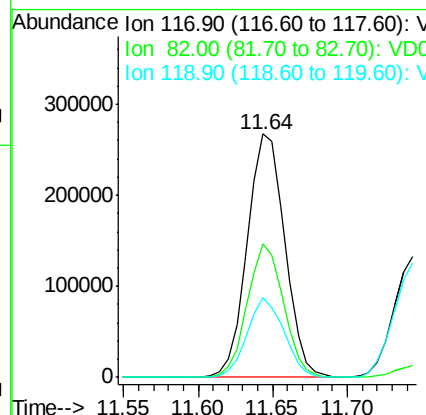
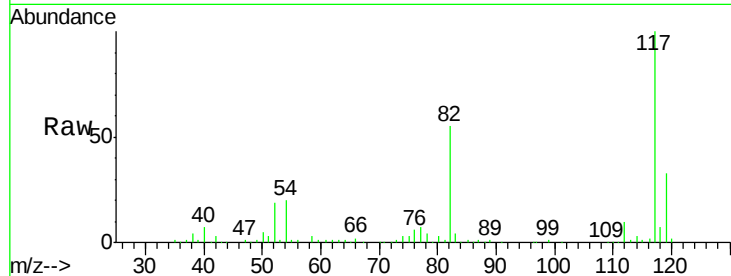
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	32.6	26.1	39.1

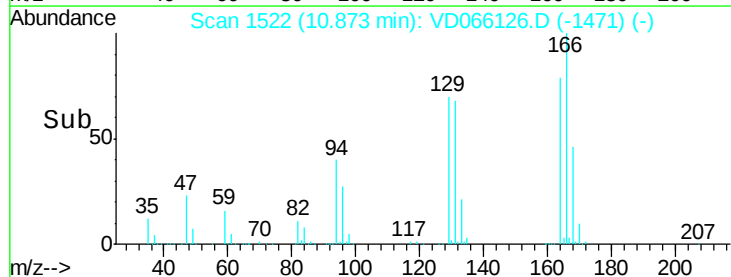
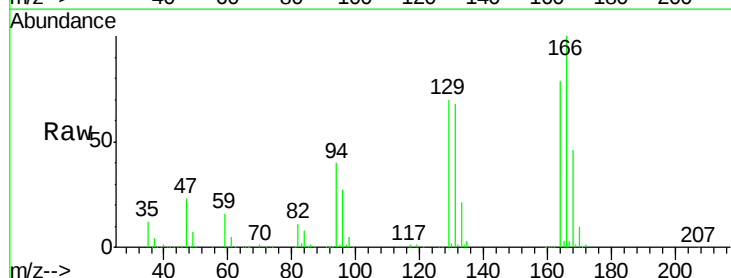
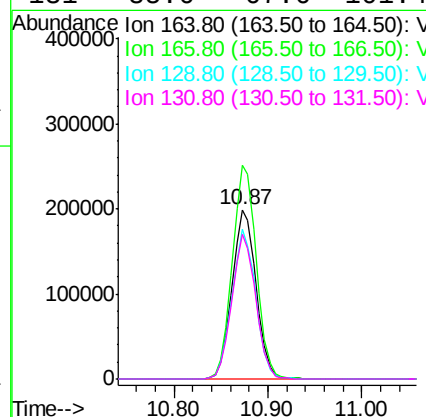
Manual Integrations
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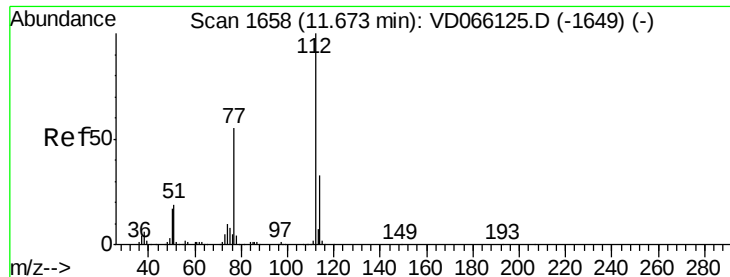
MMDadoda
8/6/2020 1:54:22 PM



#64
Tetrachloroethene
Concen: 96.401 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.9	152.9
129	88.5	68.1	102.1
131	85.6	67.6	101.4





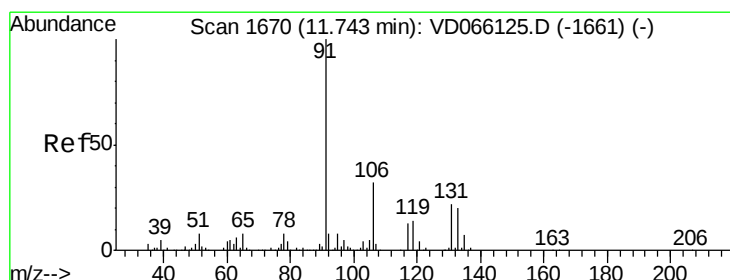
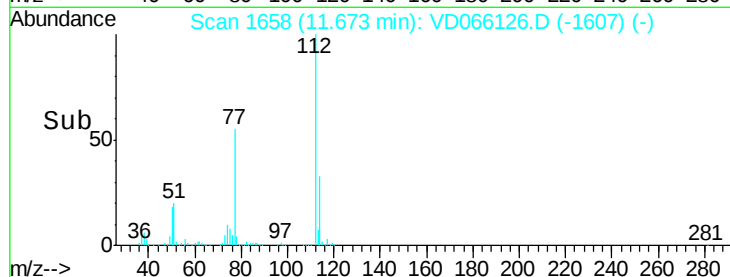
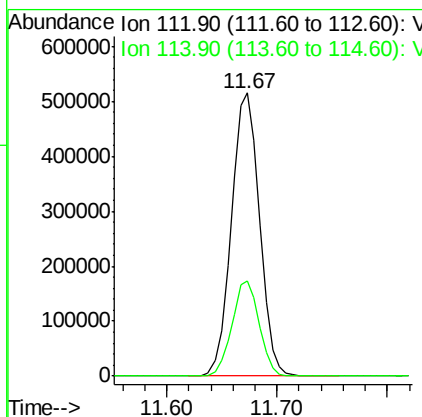
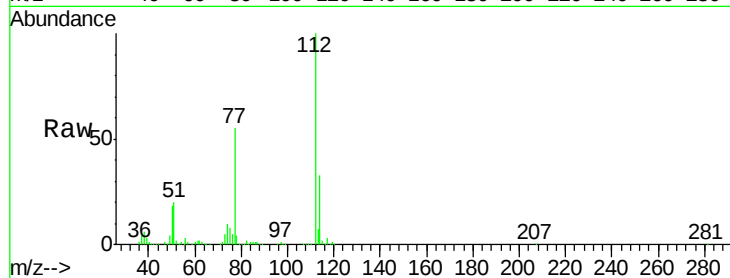
#65
Chlorobenzene
Concen: 95.104 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	26.1	39.1

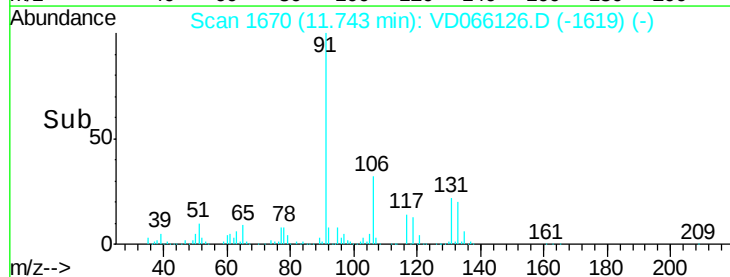
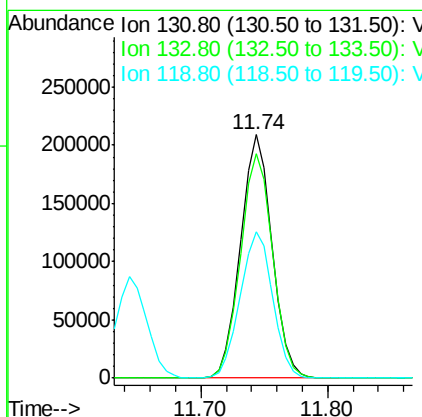
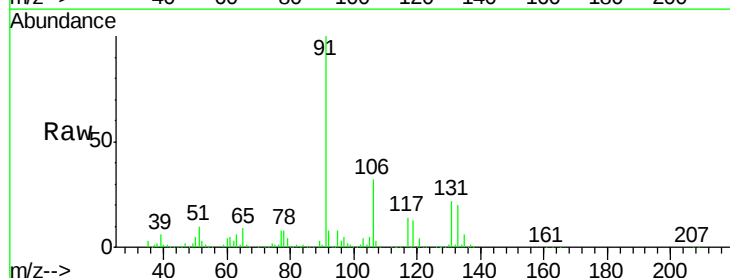
Manual Integrations
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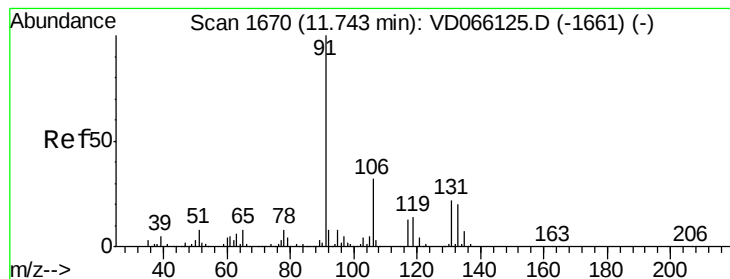
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 94.683 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.1	141.4
119	62.2	31.6	94.7





#67

Ethyl Benzene

Concen: 98.475 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1634144

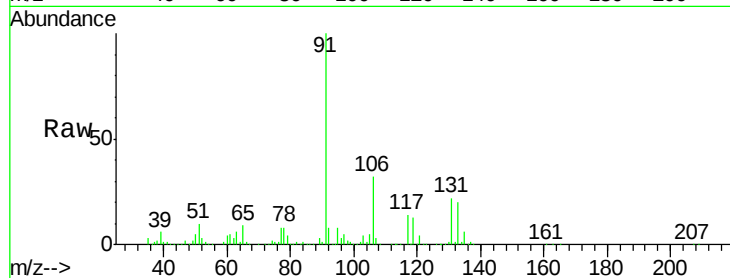
Ion Ratio Lower Upper

91 100

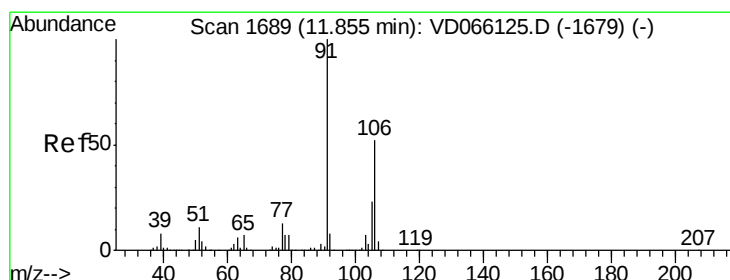
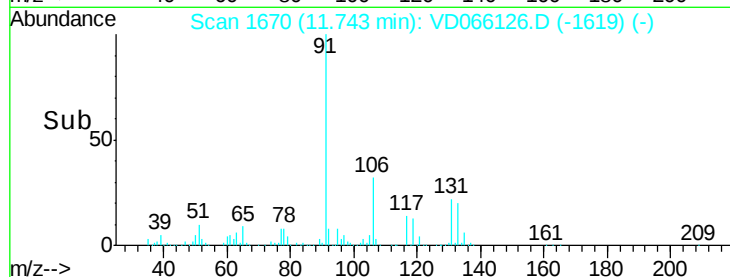
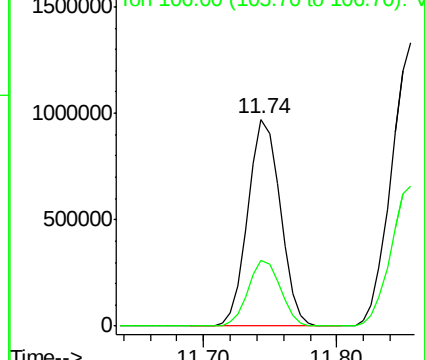
106 31.9 25.7 38.5

Manual Integrations
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MMDadoda
8/6/2020 1:54:22 PM



Abundance Ion 91.00 (90.70 to 91.70): VD066126.D (-1661) (-)



#68

m/p-Xylenes

Concen: 195.247 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066126.D

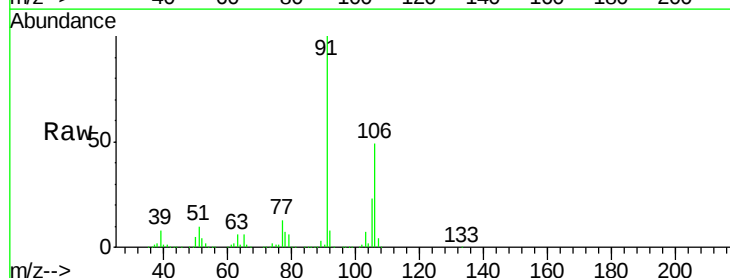
Acq: 05 Aug 2020 12:26

Tgt Ion: 106 Resp: 1260052

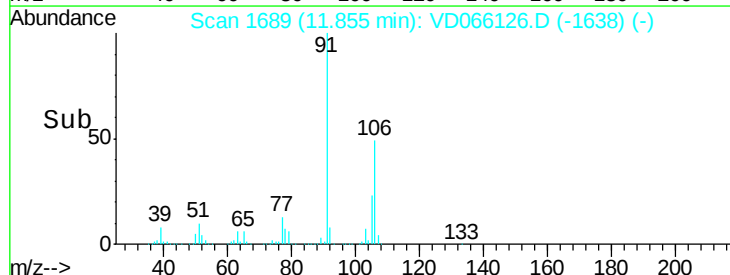
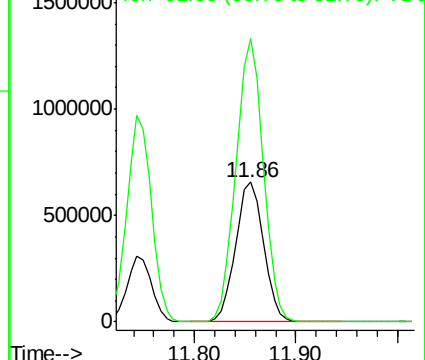
Ion Ratio Lower Upper

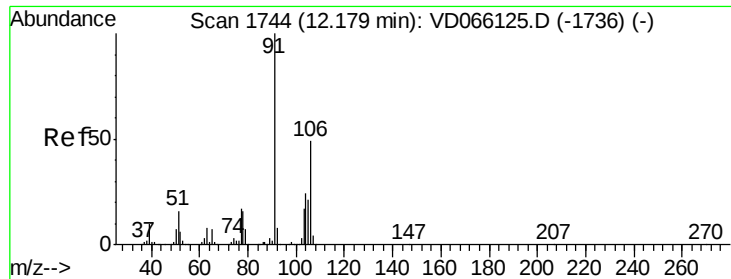
106 100

91 198.1 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VD066126.D (-1679) (-)





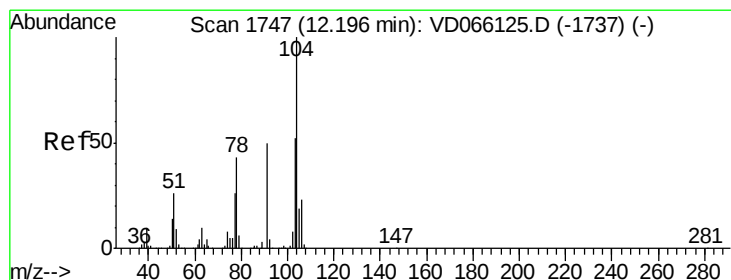
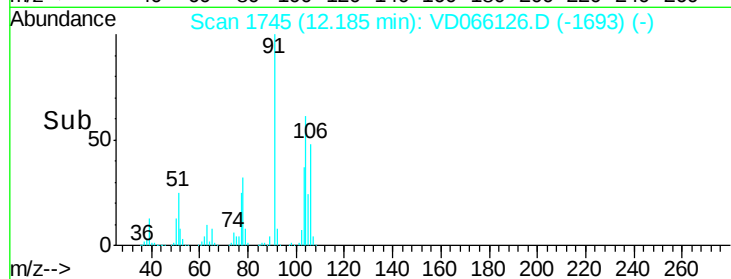
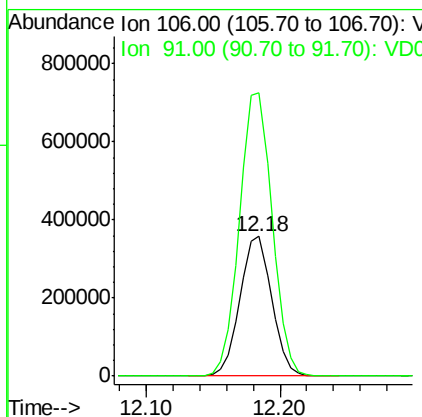
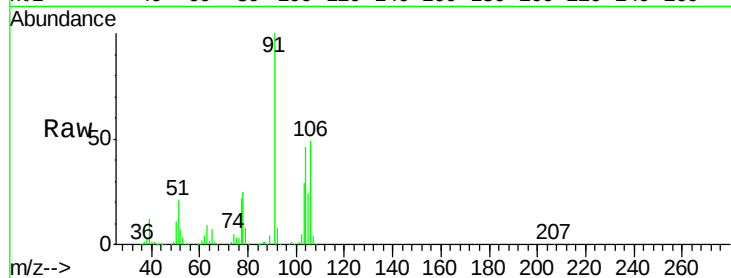
#69
o-Xylene
Concen: 101.503 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		589426		
91	208.5	105.7	317.1		

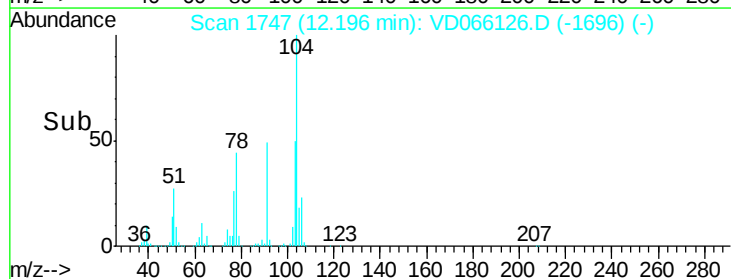
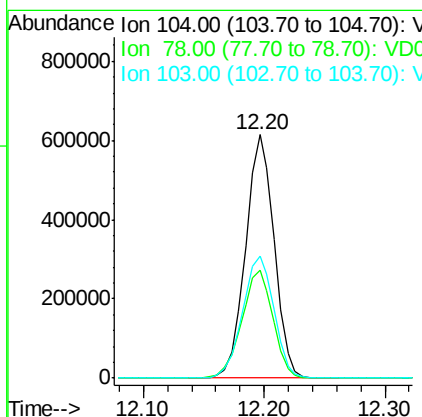
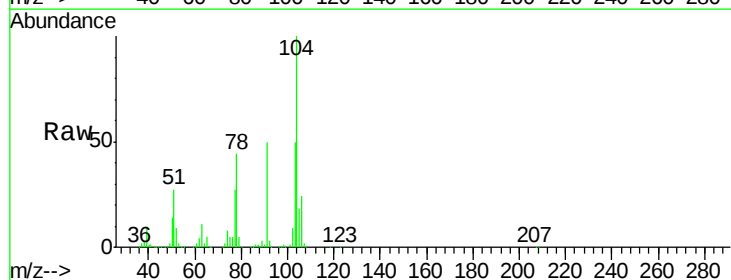
Manual Integrations
APPROVED

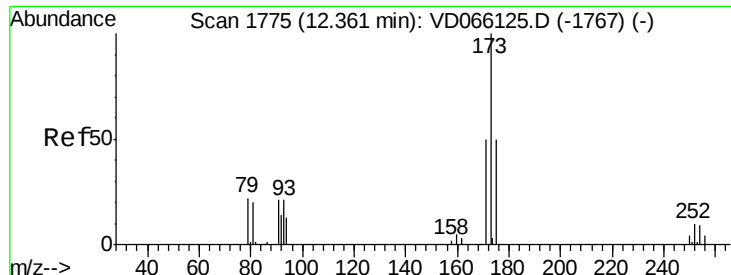
MMDadoda
8/6/2020 1:54:22 PM



#70
Styrene
Concen: 99.123 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.5	38.6	58.0	
103	55.2	44.1	66.1	





#71

Bromoform

Concen: 95.552 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

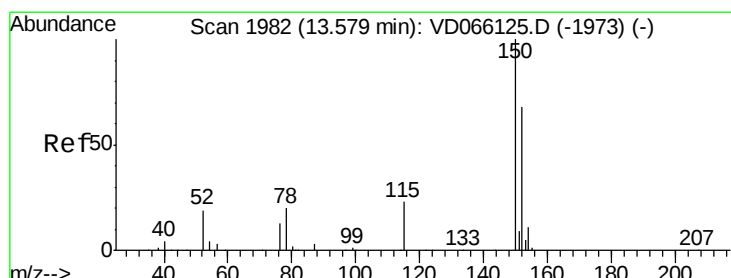
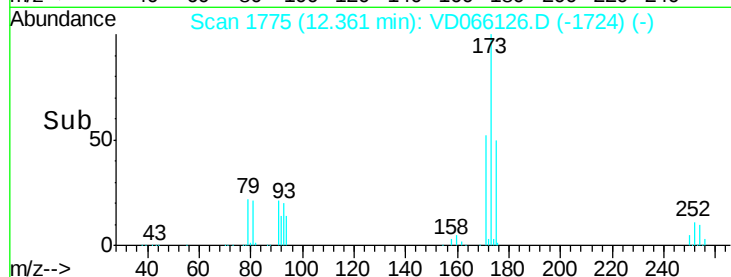
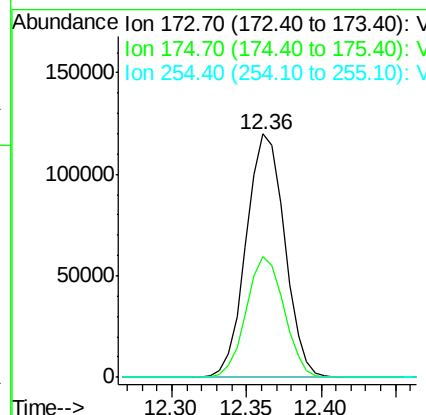
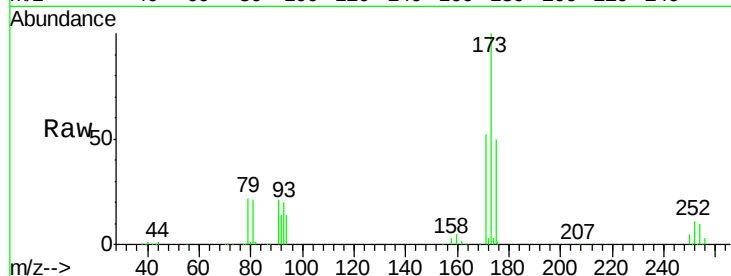
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.1	0.2	0.2

Manual Integrations
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MMDadoda
8/6/2020 1:54:22 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

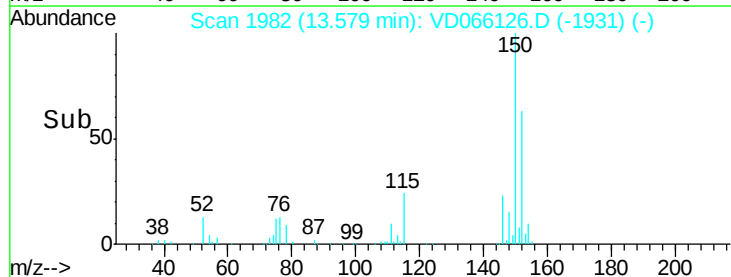
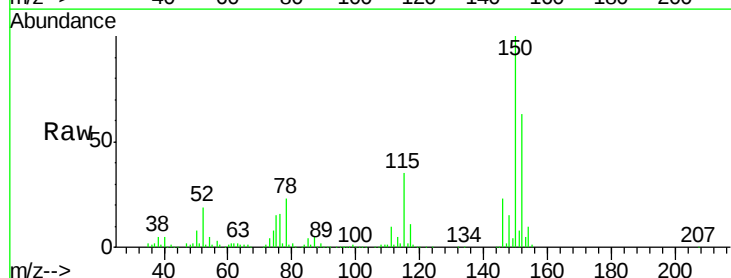
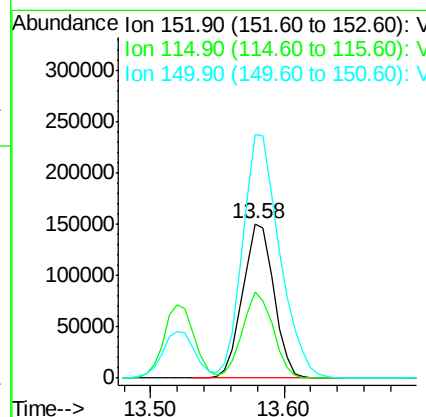
RT: 13.58 min Scan# 1982

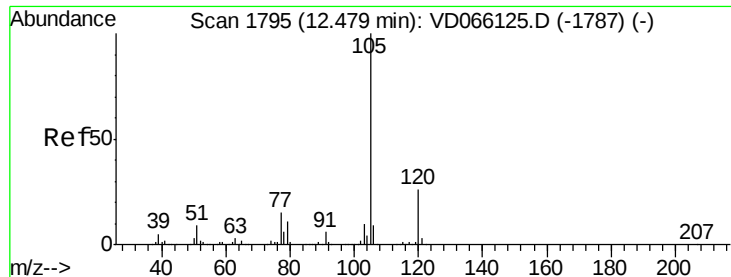
Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.0	83.9
150	187.0	0.0	346.4





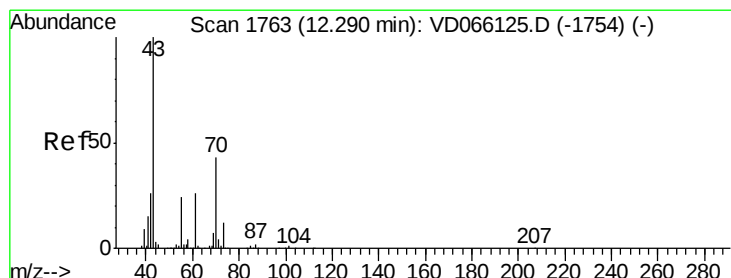
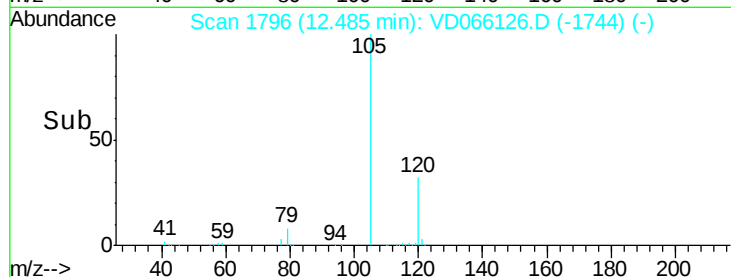
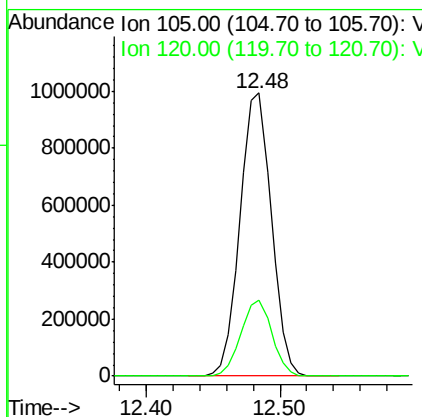
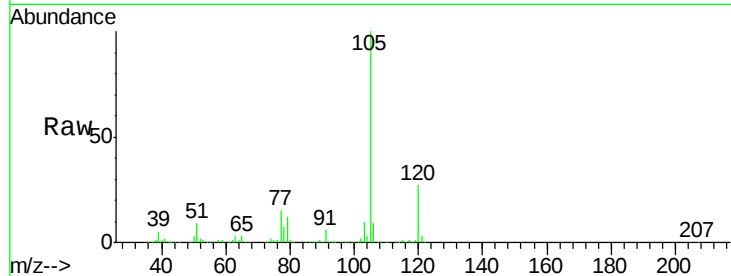
#73
Isopropylbenzene
Concen: 98.962 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1615247
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

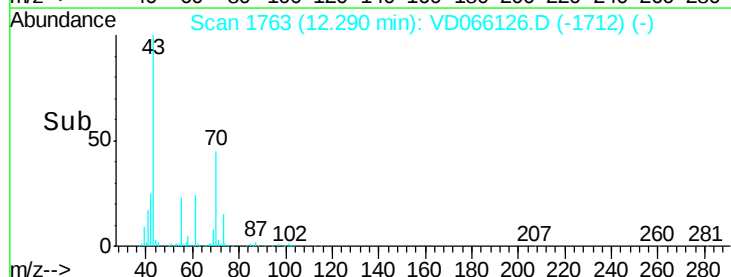
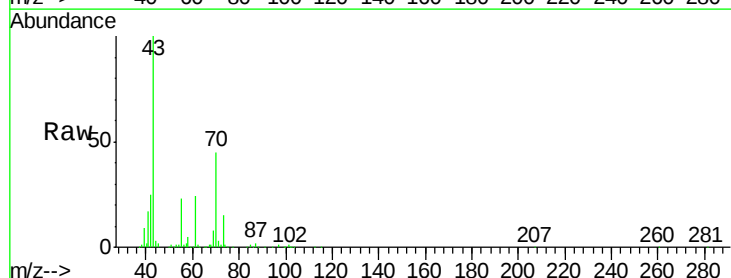
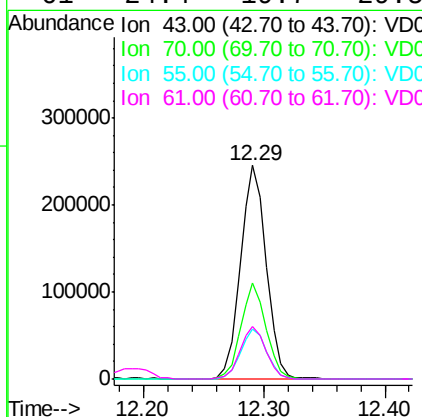
Manual Integrations
APPROVED

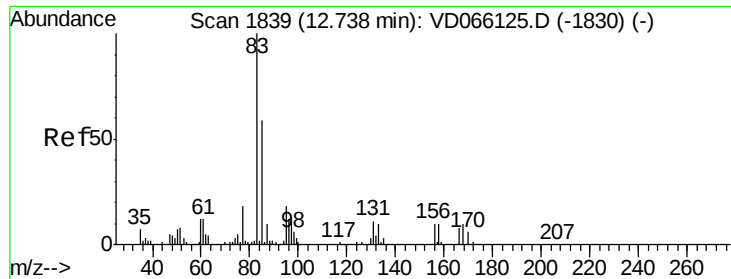
MMDadoda
8/6/2020 1:54:22 PM



#74
N-ethyl acetate
Concen: 103.951 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 43 Resp: 365012
Ion Ratio Lower Upper
43 100
70 43.8 34.9 52.3
55 23.8 19.2 28.8
61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 92.796 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 262658

Ion Ratio Lower Upper

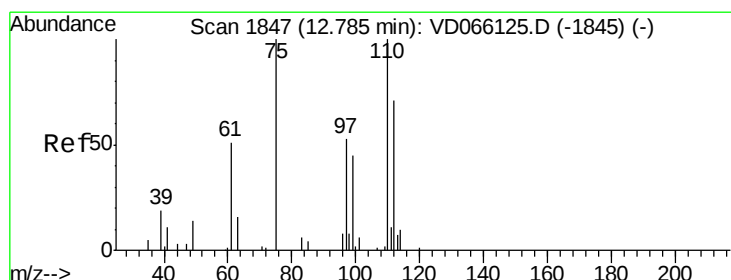
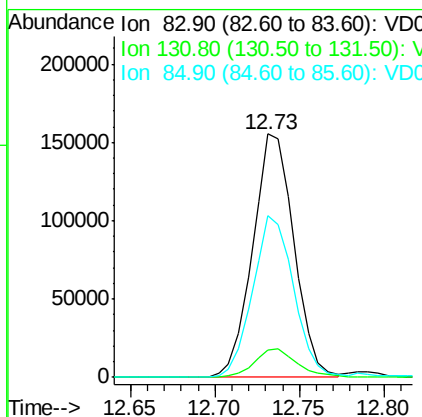
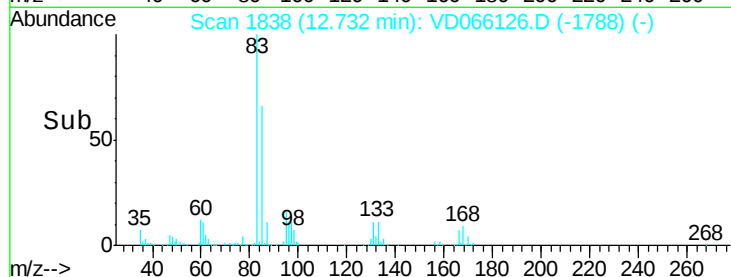
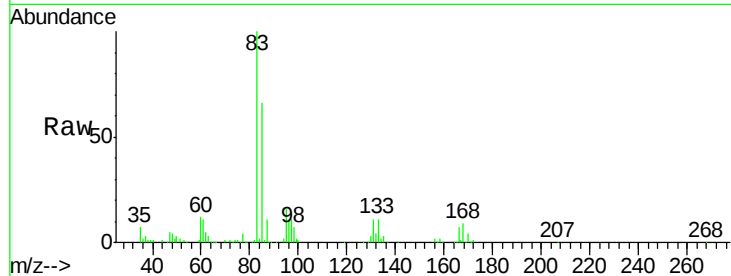
83 100

131 12.1 6.2 18.6

85 66.0 32.4 97.2

Manual Integrations
APPROVED

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8/6/2020 1:54:22 PM



#76

1,2,3-Trichloropropane

Concen: 95.986 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066126.D

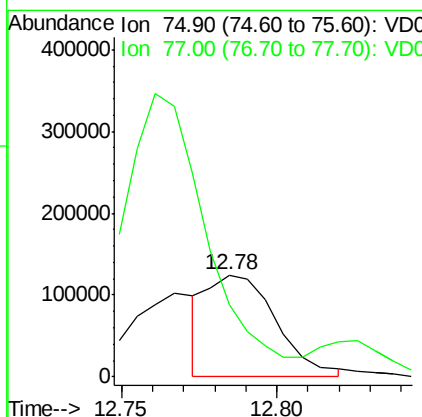
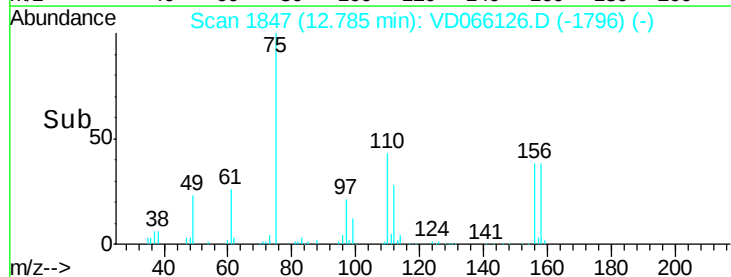
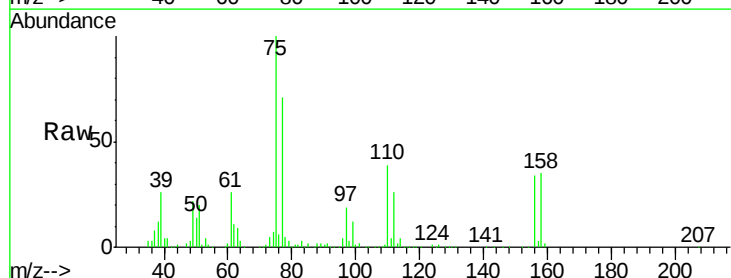
Acq: 05 Aug 2020 12:26

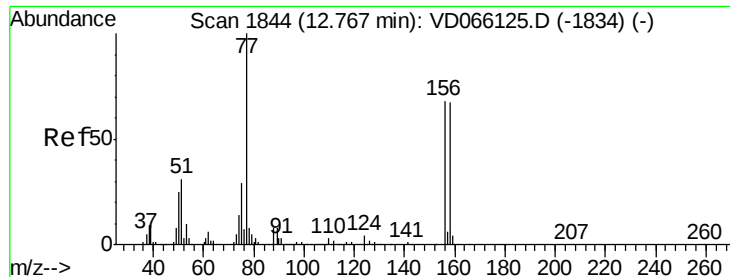
Tgt Ion: 75 Resp: 192718

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





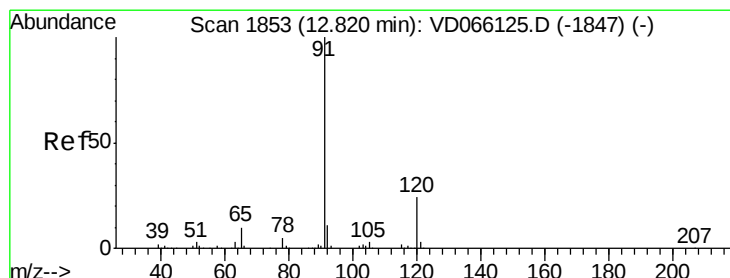
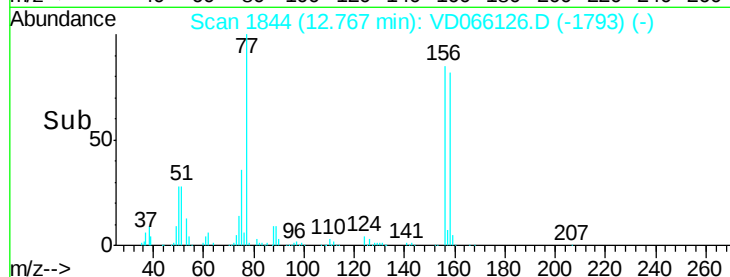
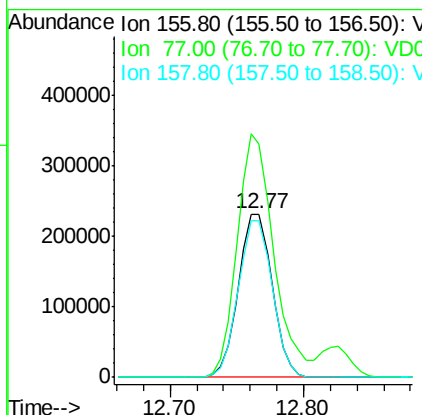
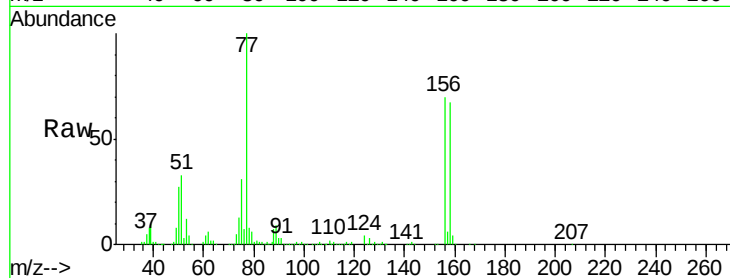
#77
Bromobenzene
Concen: 96.056 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.8	81.0	243.1
158	97.2	48.8	146.3

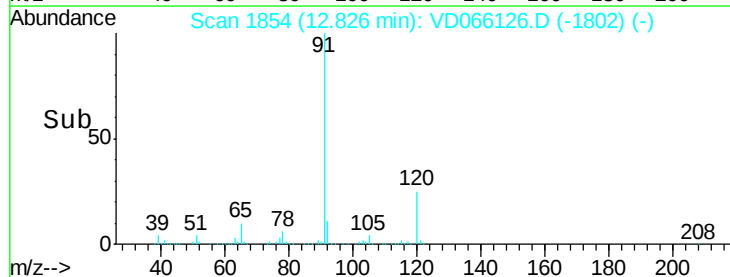
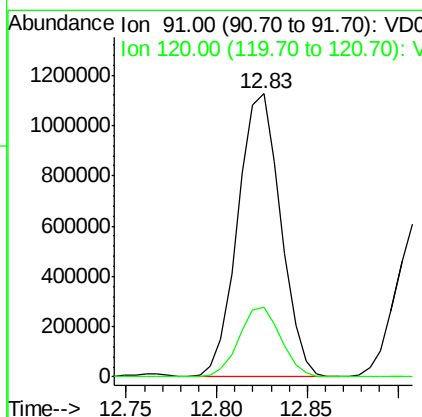
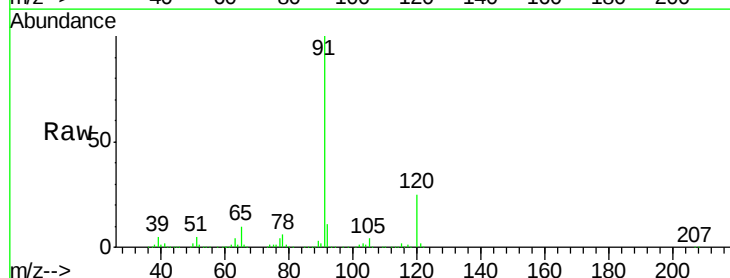
Manual Integrations
APPROVED

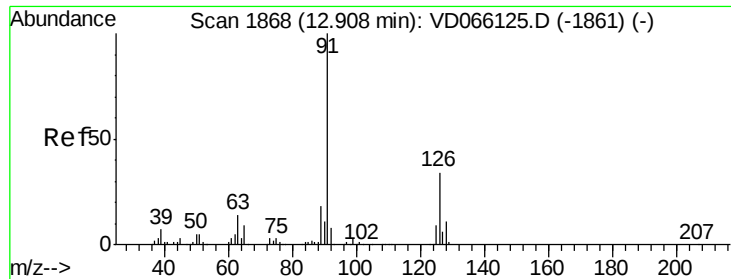
MMDadoda
8/6/2020 1:54:22 PM



#78
n-propylbenzene
Concen: 97.239 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.0	36.0





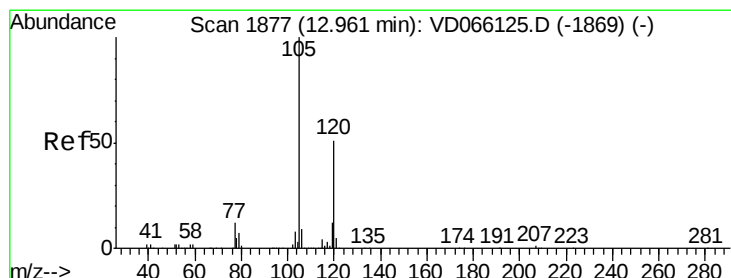
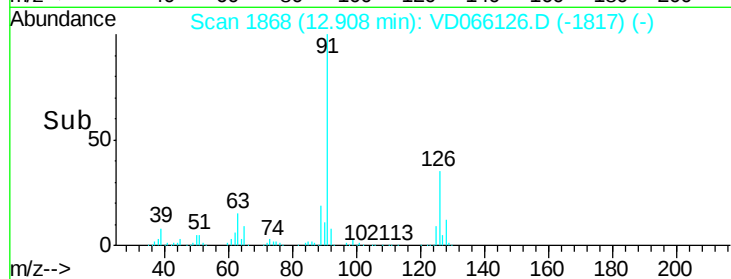
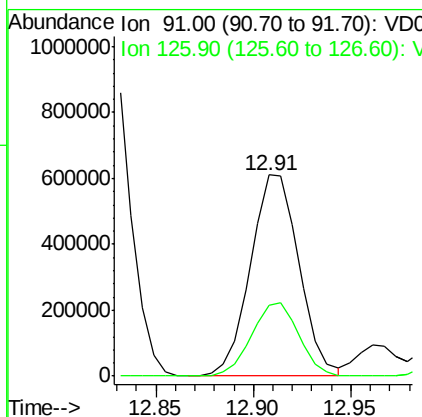
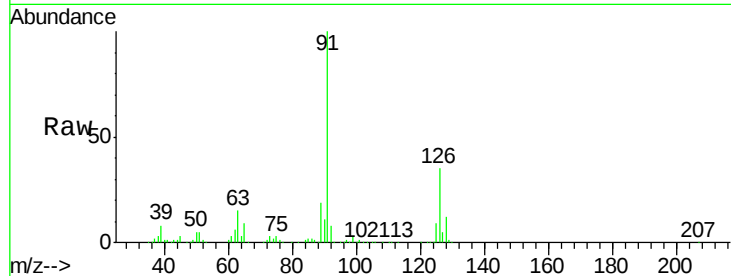
#79
2-Chlorotoluene
Concen: 96.083 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1050488
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.6

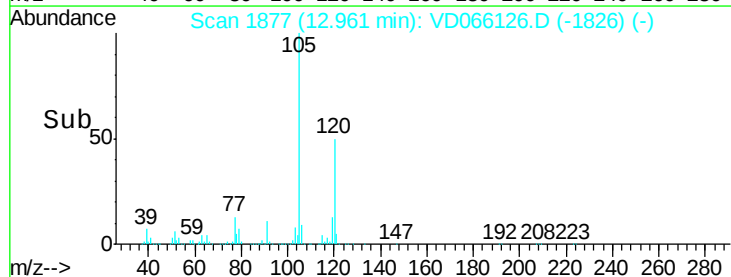
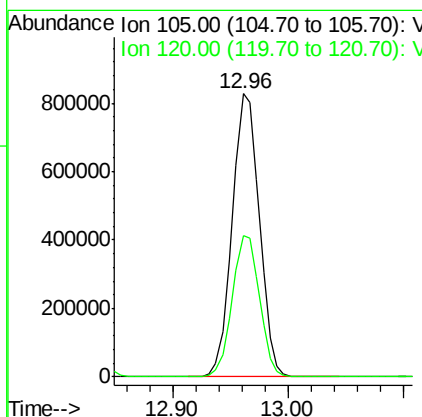
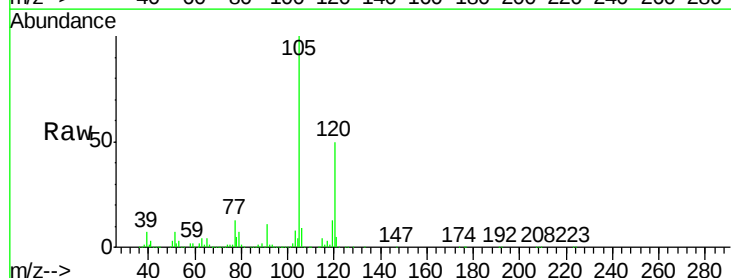
Manual Integrations
APPROVED

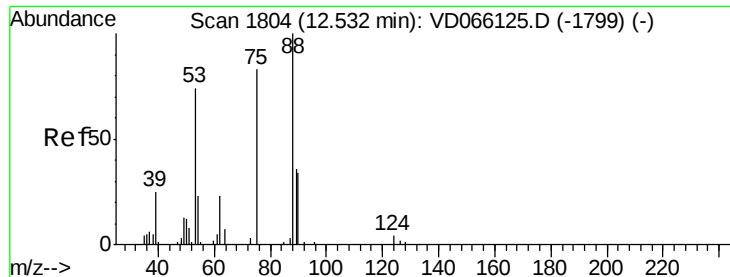
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 98.393 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion: 105 Resp: 1345271
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.8





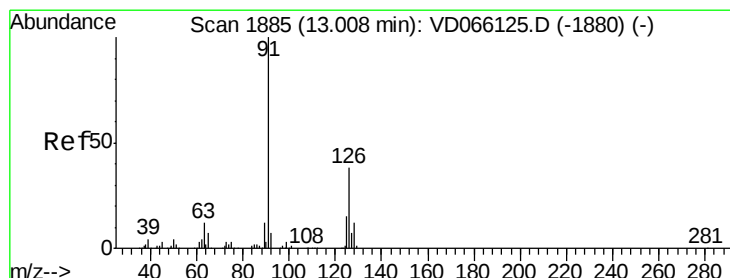
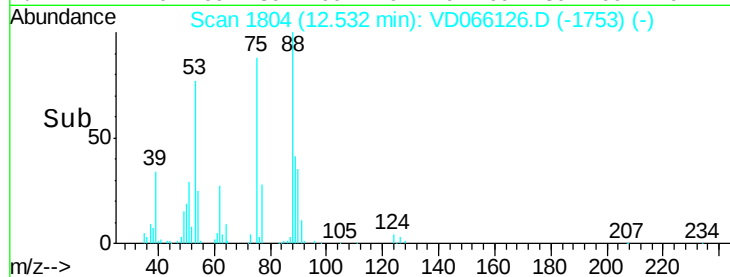
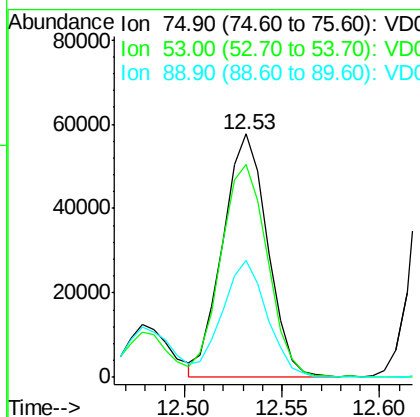
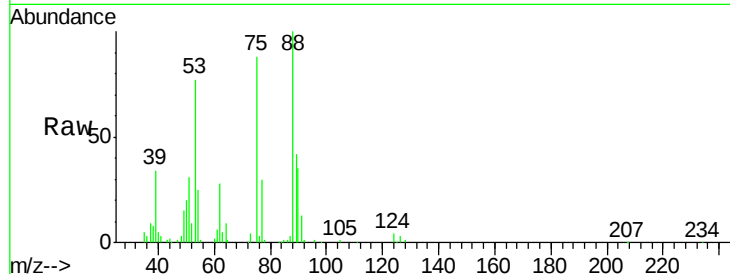
#81
trans-1,4-Dichloro-2-butene
Concen: 99.583 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.7	73.4	110.2
89	48.7	36.6	55.0

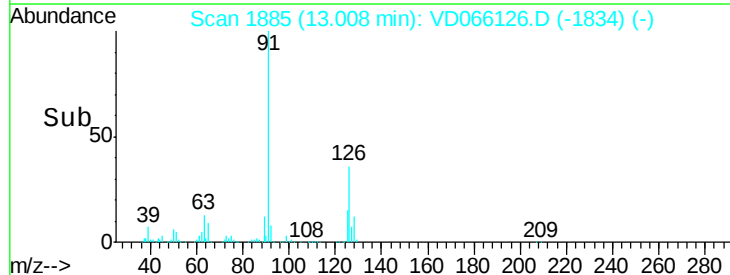
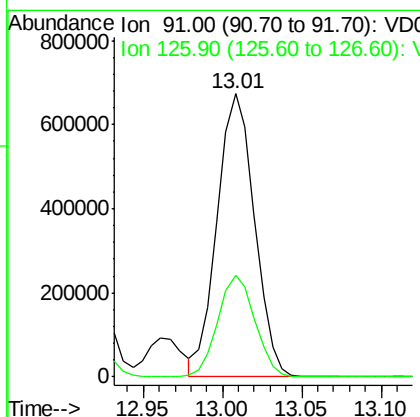
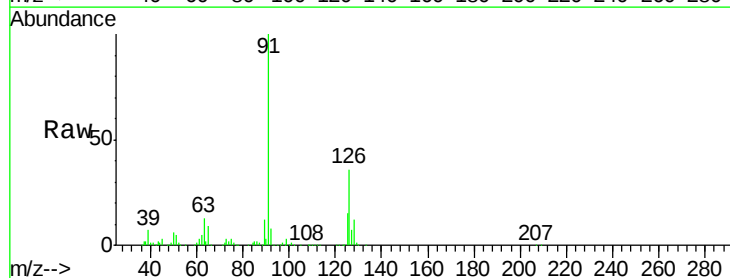
Manual Integrations
APPROVED

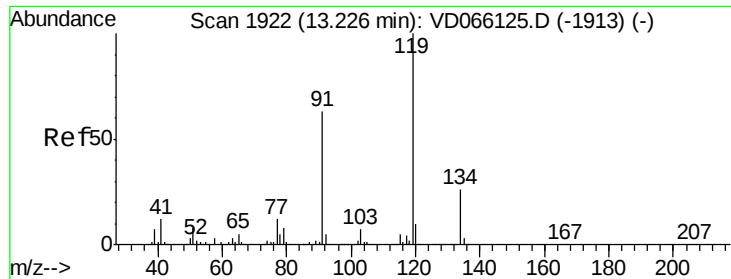
MMDadoda
8/6/2020 1:54:22 PM



#82
4-Chlorotoluene
Concen: 95.071 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.8	53.3





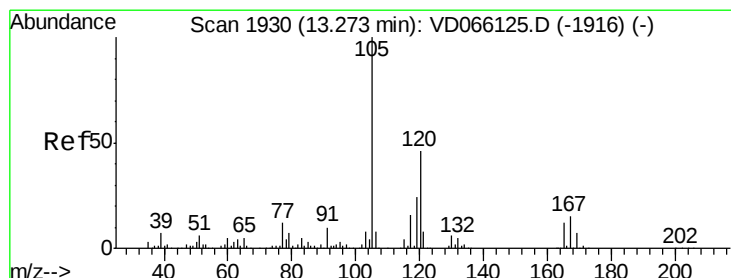
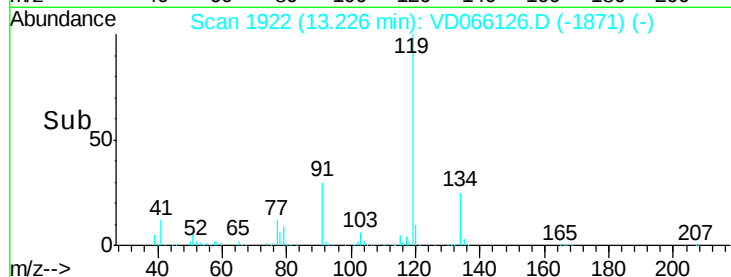
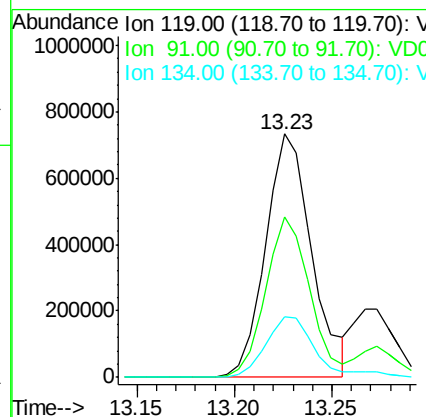
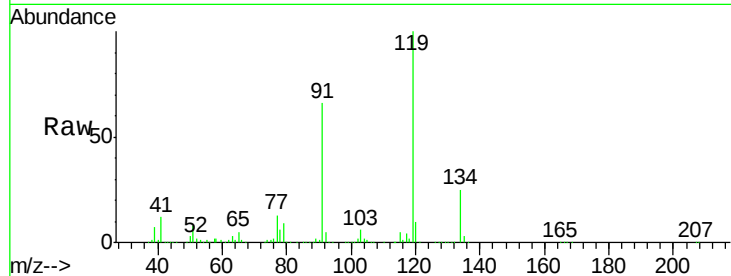
#83
tert-Butylbenzene
Concen: 100.075 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	30.8	92.4
134	26.9	13.6	40.8

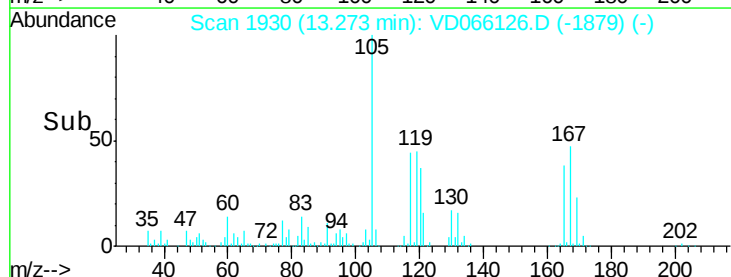
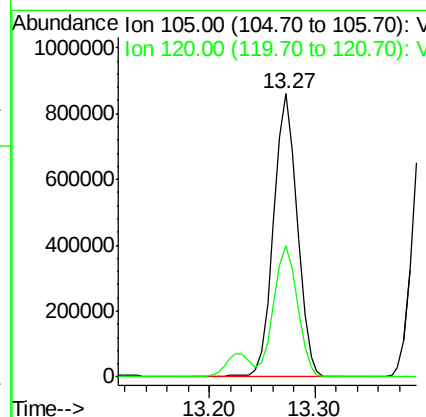
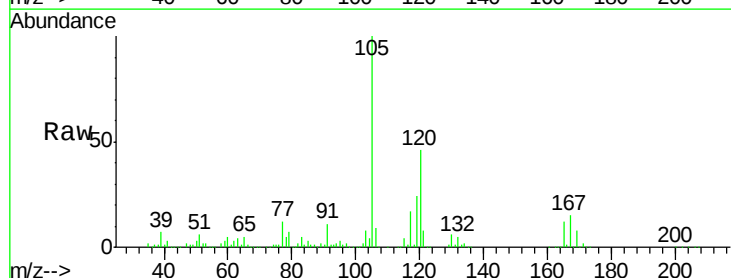
Manual Integrations
APPROVED

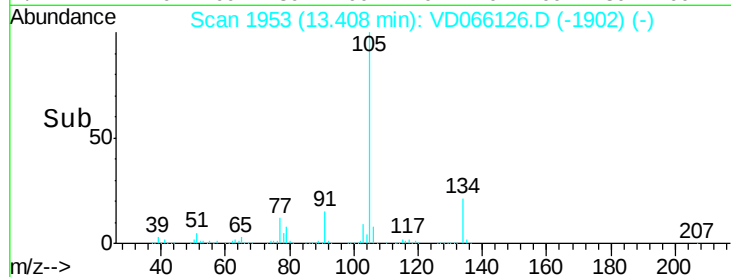
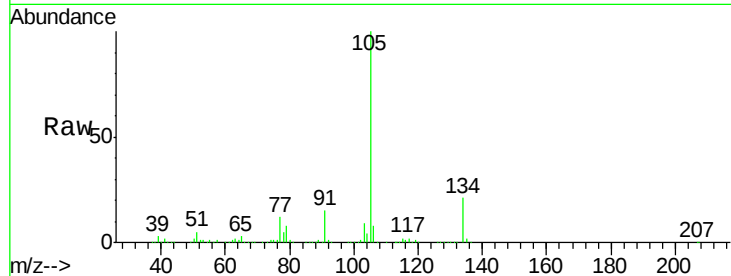
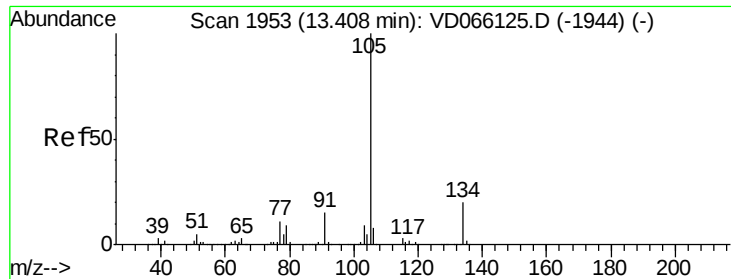
MMDadoda
8/6/2020 1:54:22 PM



#84
1,2,4-Trimethylbenzene
Concen: 96.994 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 98.353 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

Tot Ion:105 Resp: 1596176

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.4

Instrument :

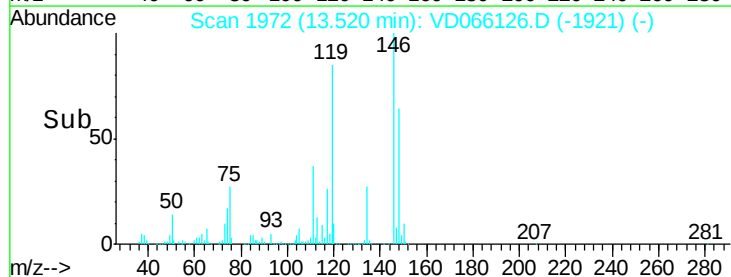
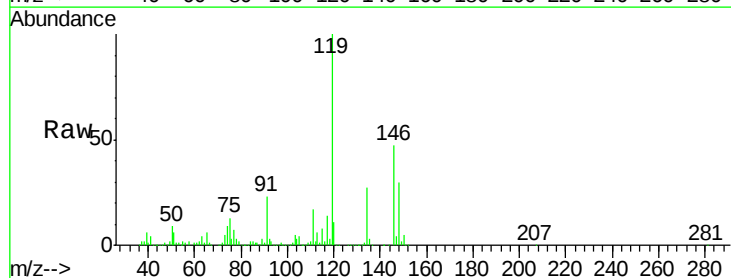
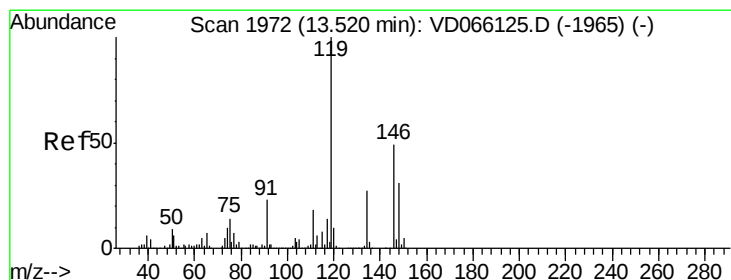
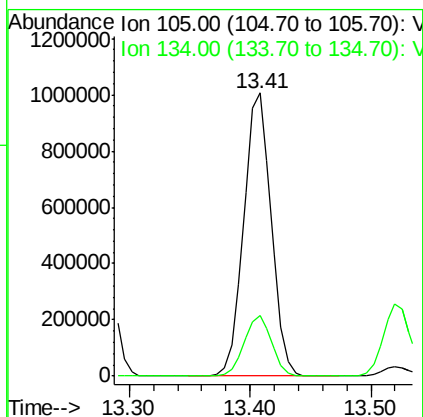
MSVOA_D

ClientSampleId :

VSTDIC100

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 97.533 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066126.D

Acq: 05 Aug 2020 12:26

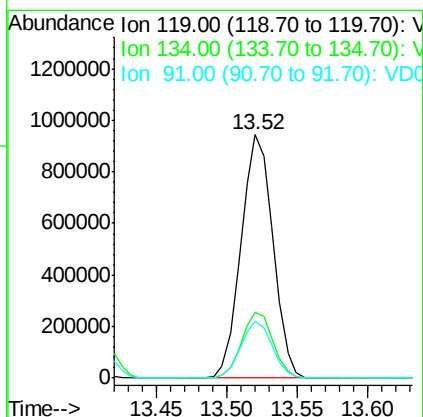
Tgt Ion:119 Resp: 1488719

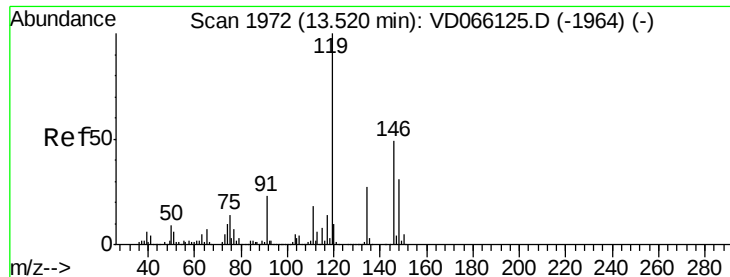
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.9 11.2 33.5





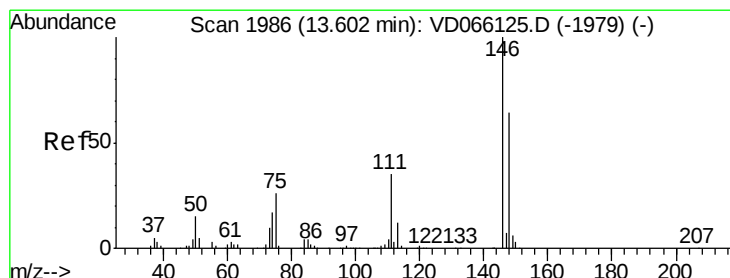
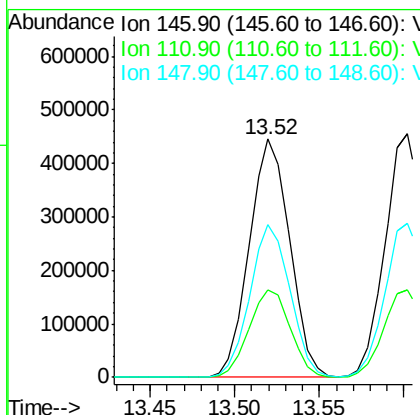
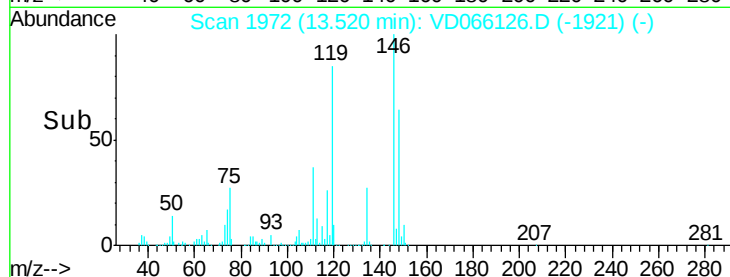
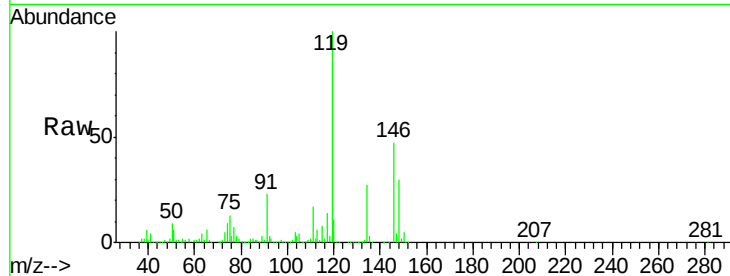
#87
 1,3-Dichlorobenzene
 Concen: 92.183 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	743281		
111	37.4	18.9	56.9	
148	63.5	31.8	95.3	

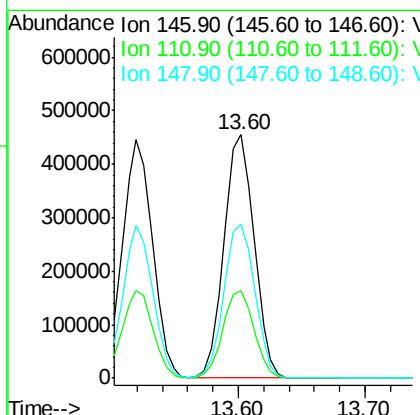
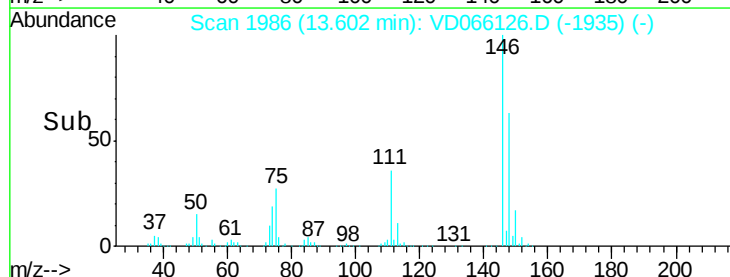
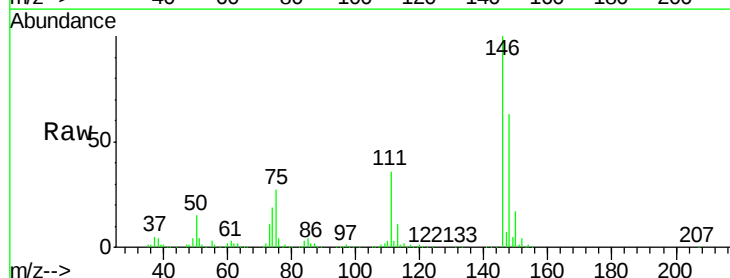
Manual Integrations
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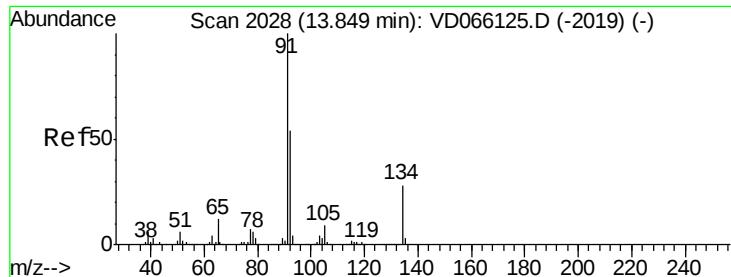
MMDadoda
 8/6/2020 1:54:22 PM



#88
 1,4-Dichlorobenzene
 Concen: 93.695 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	750576		
111	36.8	18.6	55.8	
148	64.8	32.4	97.0	





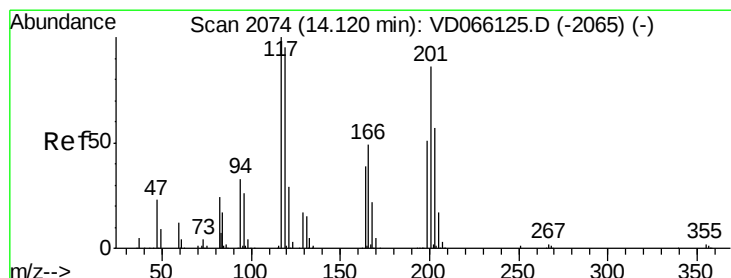
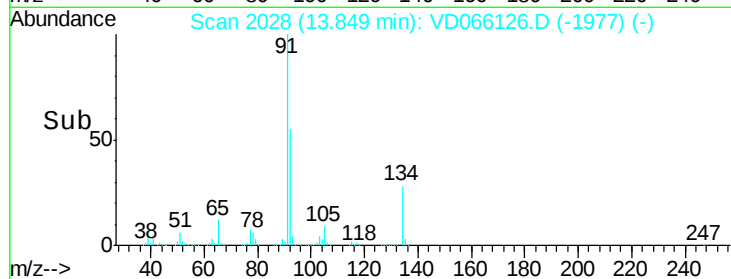
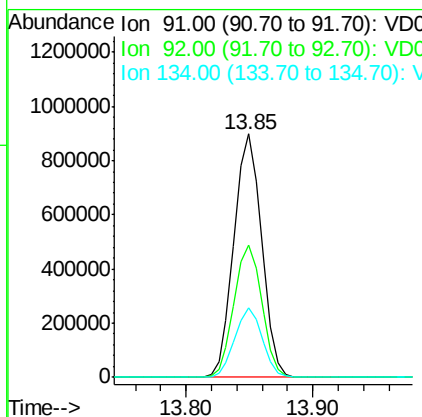
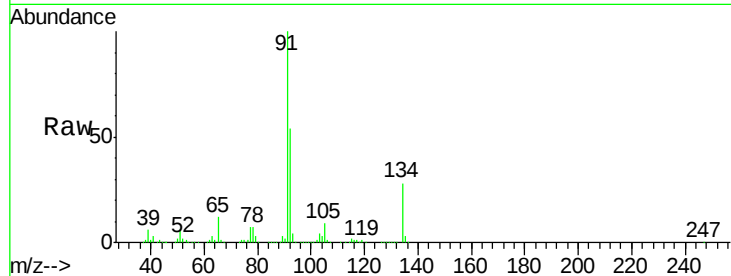
#89
n-Butylbenzene
Concen: 100.300 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	54.6	26.8	80.3	
134	28.2	14.0	41.9	

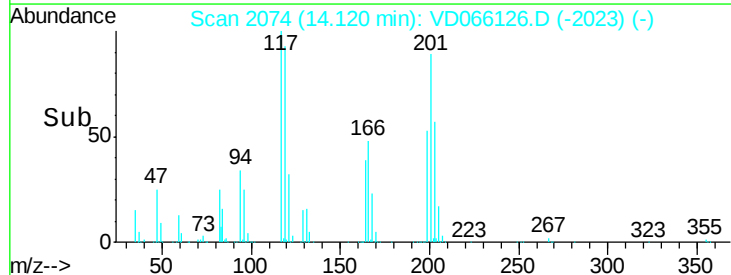
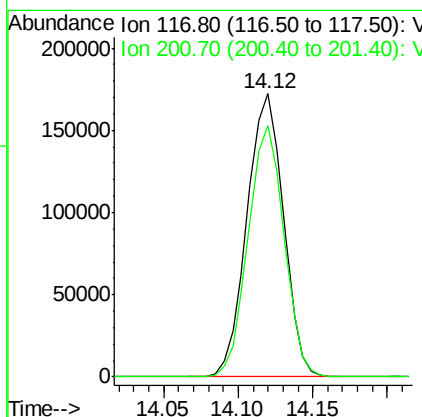
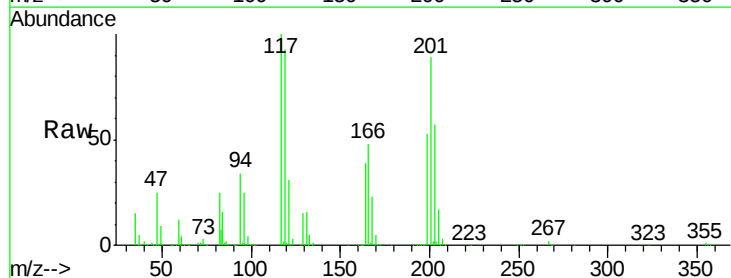
Manual Integrations
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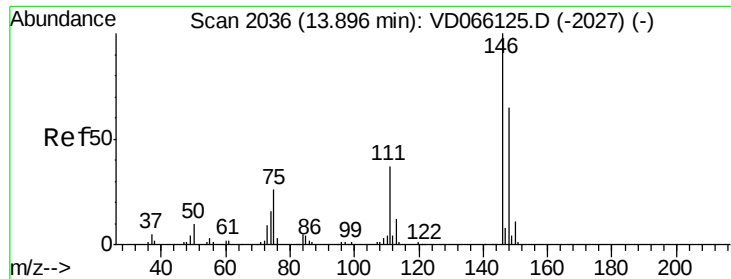
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#90
Hexachloroethane
Concen: 95.539 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	87.4	42.7	128.1	





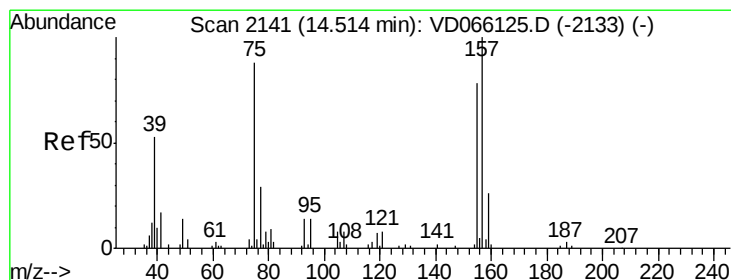
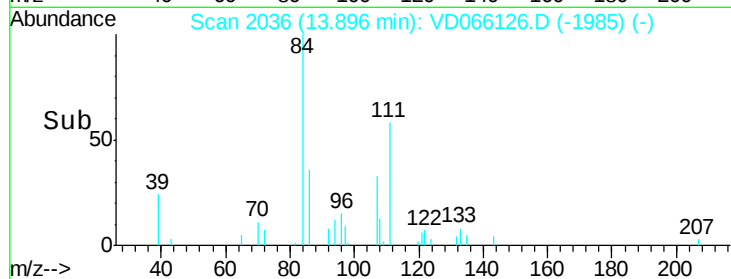
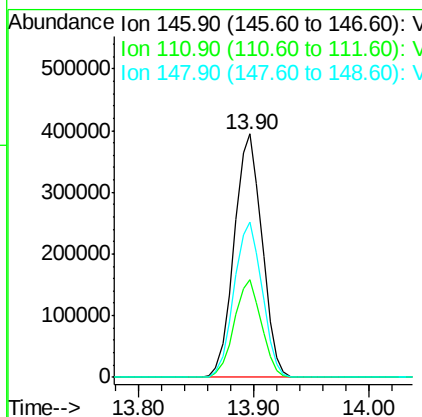
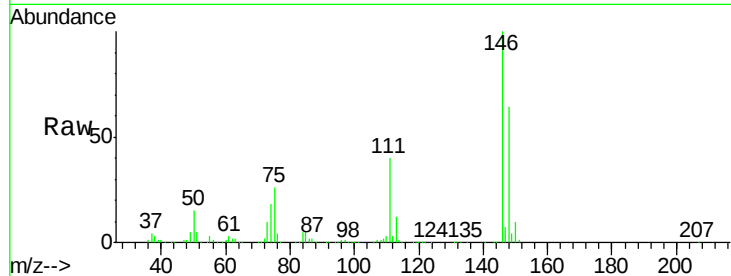
#91
 1,2-Dichlorobenzene
 Concen: 92.625 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.8	56.3
148	64.1	31.9	95.5

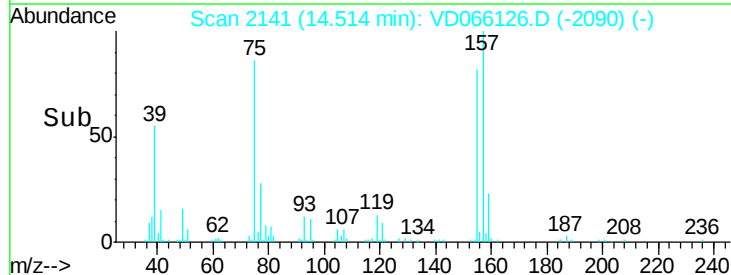
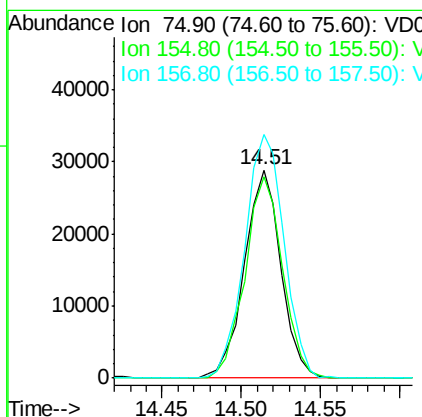
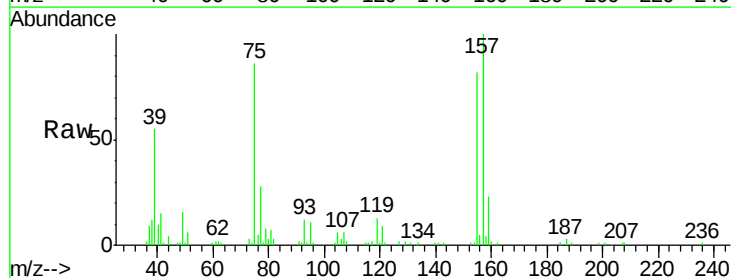
Manual Integrations
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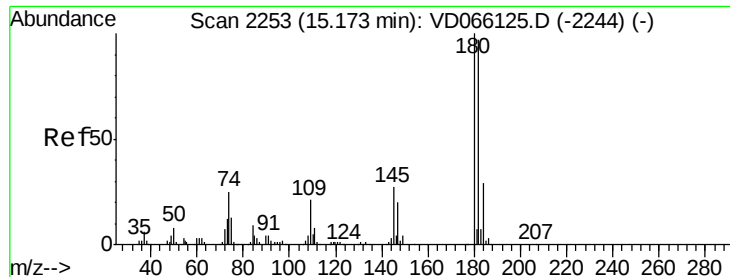
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.800 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	47.7	143.1
157	126.1	62.1	186.2





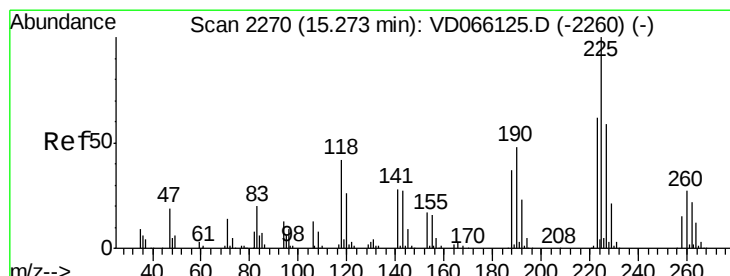
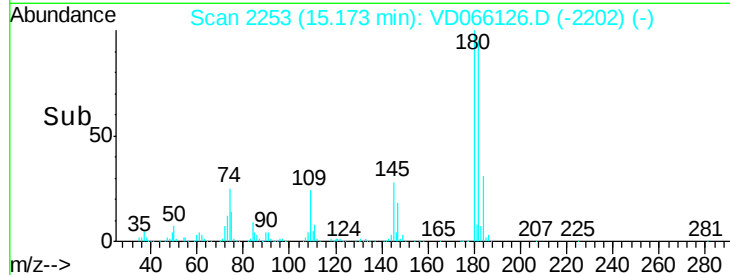
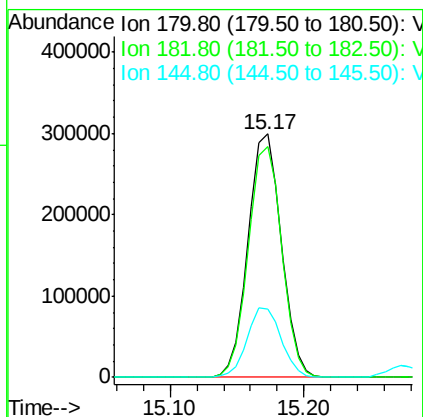
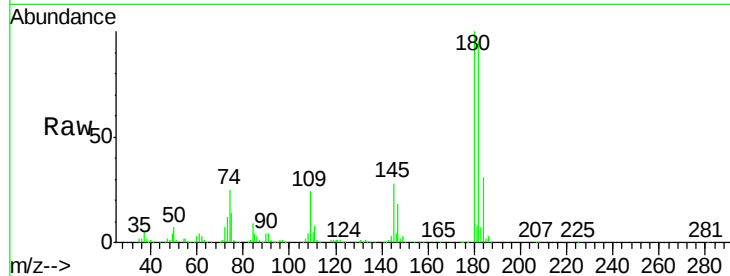
#93
 1,2,4-Trichlorobenzene
 Concen: 101.073 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	515824
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.4	142.2
145	29.4	14.5	43.6

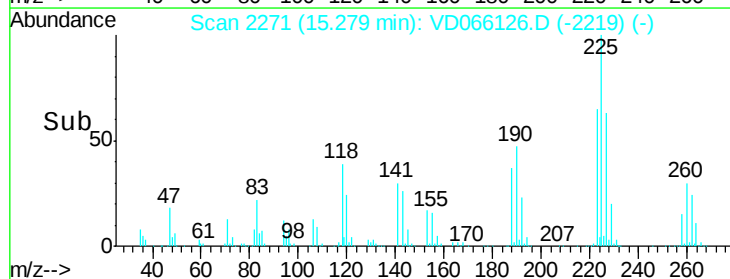
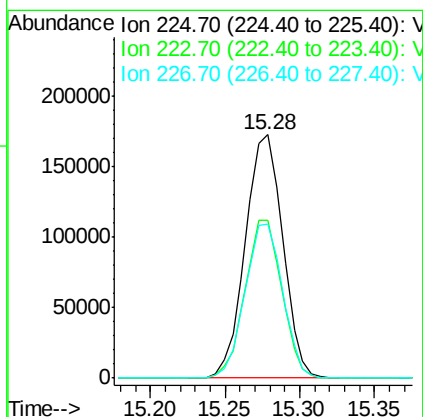
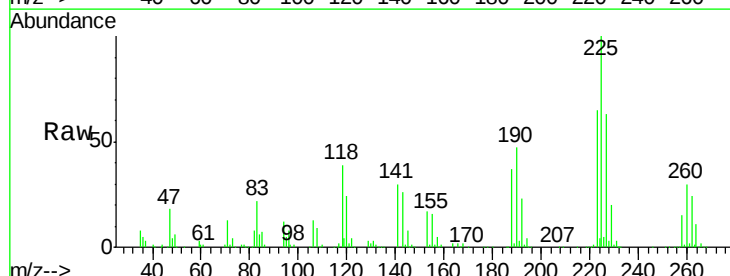
Manual Integrations
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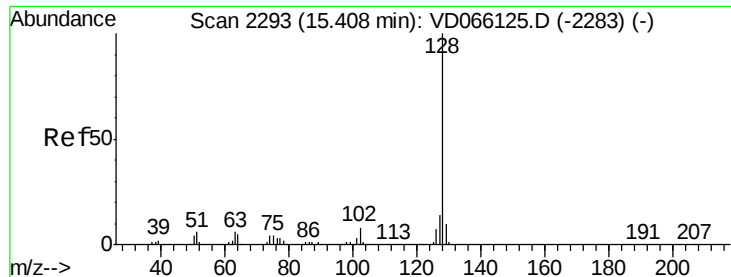
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#94
 Hexachlorobutadiene
 Concen: 99.037 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066126.D
 Acq: 05 Aug 2020 12:26

Tgt Ion:	225	Resp:	300139
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.3	96.9
227	63.2	32.1	96.5





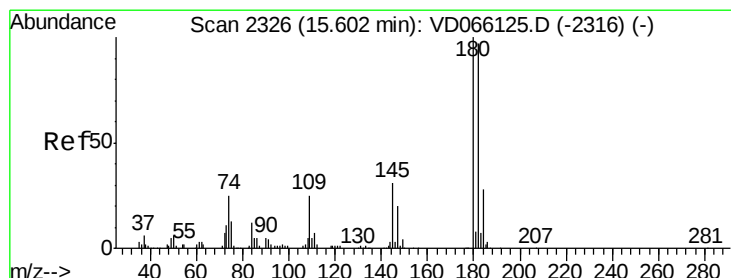
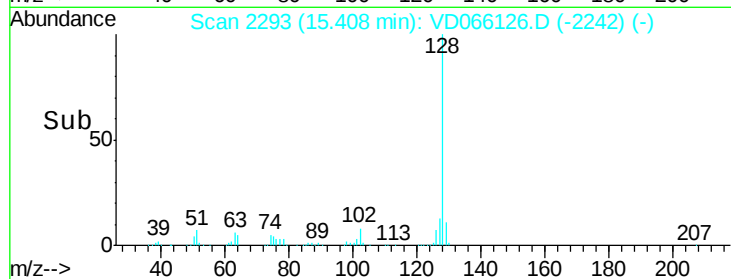
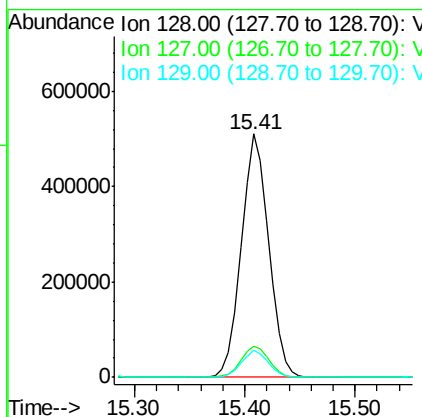
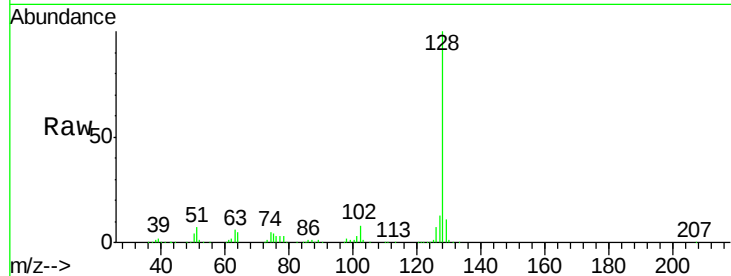
#95
Naphthalene
Concen: 110.560 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	890150		
127	13.2		11.0	16.4
129	10.8		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 100.080 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066126.D
Acq: 05 Aug 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452295		
182	95.3		47.1	141.4
145	31.2		14.9	44.9

