

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066198.D
 Acq On : 11 Aug 2020 20:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 8/12/2020 3:57:46 PM

Quant Time: Aug 11 21:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	255404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	399493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	374413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	188160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	132727	58.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.50%	
35) Dibromofluoromethane	7.91	113	135112	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.34	98	506103	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.63	95	180605	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	92374	41.051	ug/l	97
3) Chloromethane	2.21	50	83905	47.934	ug/l	97
4) Vinyl Chloride	2.35	62	78760	50.823	ug/l	97
5) Bromomethane	2.77	94	59879	58.240	ug/l	99
6) Chloroethane	2.93	64	51306	53.935	ug/l	92
7) Trichlorofluoromethane	3.27	101	184132	45.576	ug/l	92
8) Diethyl Ether	3.70	74	61457	53.910	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	110936	46.268	ug/l	98
10) Methyl Iodide	4.30	142	131711	58.950	ug/l	98
11) Tert butyl alcohol	5.22	59	38668	223.190	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	112504	49.739	ug/l	94
13) Acrolein	3.92	56	45852	252.808	ug/l	96
14) Allyl chloride	4.71	41	181209	52.881	ug/l	99
15) Acrylonitrile	5.42	53	132858	276.568	ug/l	99
16) Acetone	4.16	43	98140	226.994	ug/l	98
17) Carbon Disulfide	4.41	76	343409	47.750	ug/l	98
18) Methyl Acetate	4.71	43	60303	54.912	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	288685	55.684	ug/l	97
20) Methylene Chloride	4.97	84	150845	61.859	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	138627	53.351	ug/l	90
22) Diisopropyl ether	6.36	45	385995	56.962	ug/l	96
23) Vinyl Acetate	6.30	43	1111223	279.915	ug/l	99
24) 1,1-Dichloroethane	6.27	63	231824	55.280	ug/l	98
25) 2-Butanone	7.21	43	158143	248.692	ug/l	96
26) 2,2-Dichloropropane	7.21	77	171995	45.760	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	155699	57.129	ug/l	96
28) Bromochloromethane	7.54	49	88567	60.131	ug/l	97
29) Tetrahydrofuran	7.56	42	103812	263.495	ug/l	98
30) Chloroform	7.71	83	248365	56.402	ug/l	96
31) Cyclohexane	7.98	56	176690	44.261	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	217438	52.665	ug/l	100
36) 1,1-Dichloropropene	8.11	75	176541	47.027	ug/l	99
37) Ethyl Acetate	7.28	43	74992	50.418	ug/l	96
38) Carbon Tetrachloride	8.09	117	196191	46.865	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	199654	43.996	ug/l	96
40) Benzene	8.35	78	533656	51.244	ug/l	95
41) Methacrylonitrile	7.53	41	41104m	47.001	ug/l	
42) 1,2-Dichloroethane	8.43	62	159516	52.141	ug/l	100
43) Isopropyl Acetate	8.45	43	146565	50.012	ug/l	99
44) Trichloroethene	9.11	130	156895	49.997	ug/l	91
45) 1,2-Dichloropropane	9.38	63	132328	51.955	ug/l	98
46) Dibromomethane	9.47	93	73040	52.062	ug/l	97
47) Bromodichloromethane	9.66	83	196285	52.936	ug/l	95
48) Methyl methacrylate	9.45	41	72405	48.385	ug/l #	88
49) 1,4-Dioxane	9.46	88	16260	902.117	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	380868	253.013	ug/l	100
52) Toluene	10.40	92	351964	51.362	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	180781	51.375	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	212521	51.547	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	105740	52.342	ug/l	97
56) Ethyl methacrylate	10.66	69	126719	52.216	ug/l	100
57) 1,3-Dichloropropane	10.94	76	174582	52.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	316328	289.781	ug/l	99
59) 2-Hexanone	10.98	43	259531	245.659	ug/l	99
60) Dibromochloromethane	11.14	129	142941	51.252	ug/l	97
61) 1,2-Dibromoethane	11.24	107	101455	52.221	ug/l	100
64) Tetrachloroethene	10.87	164	137340	47.769	ug/l	96
65) Chlorobenzene	11.67	112	387571	50.991	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	152732	51.357	ug/l	100
67) Ethyl Benzene	11.74	91	661964	50.258	ug/l	99
68) m/p-Xylenes	11.86	106	517196	101.349	ug/l	99
69) o-Xylene	12.18	106	243521	52.459	ug/l	98
70) Styrene	12.20	104	428838	52.712	ug/l	99
71) Bromoform	12.36	173	86507	49.096	ug/l #	99
73) Isopropylbenzene	12.48	105	658298	52.412	ug/l	100
74) N-amyl acetate	12.29	43	140052	50.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	108384	50.606	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	76102m	48.500	ug/l	
77) Bromobenzene	12.76	156	169033	52.280	ug/l	99
78) n-propylbenzene	12.82	91	748059	51.236	ug/l	99
79) 2-Chlorotoluene	12.91	91	440959	52.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	552547	52.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	33110	46.645	ug/l	93
82) 4-Chlorotoluene	13.01	91	464787	52.727	ug/l	100
83) tert-Butylbenzene	13.23	119	468195	50.683	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	559572	53.231	ug/l	100
85) sec-Butylbenzene	13.40	105	629472	50.470	ug/l	100
86) p-Isopropyltoluene	13.52	119	591497	50.565	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	314885	51.818	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	316501	52.226	ug/l	99
89) n-Butylbenzene	13.85	91	525973	50.185	ug/l	100
90) Hexachloroethane	14.11	117	117969	50.565	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	277344	51.607	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17495	47.529	ug/l	95

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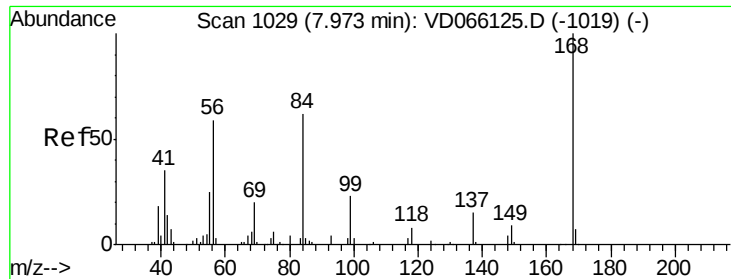
Manual Integrations
APPROVED

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	197974	49.989	ug/l	100
94) Hexachlorobutadiene	15.27	225	111088	47.634	ug/l	99
95) Naphthalene	15.41	128	342487	53.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	178341	51.011	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 255404

Ion Ratio Lower Upper

168 100

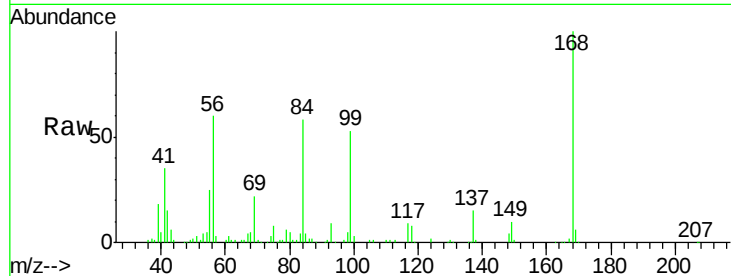
99 52.5 42.2 63.4

Manual Integrations

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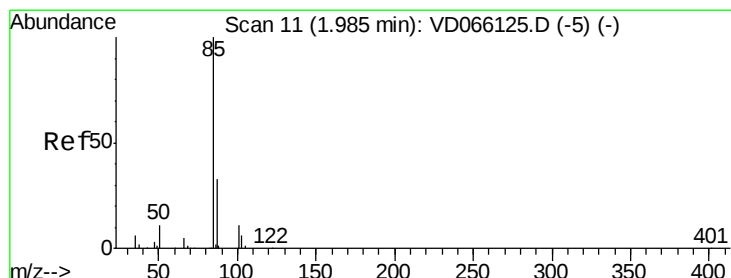
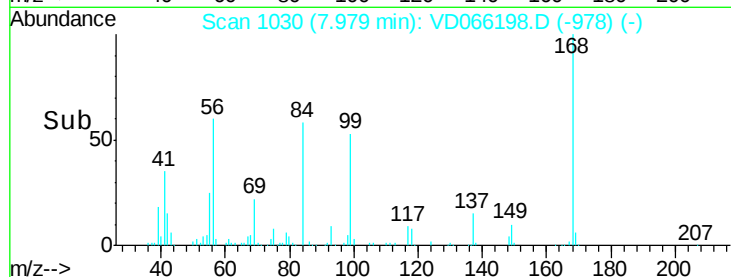
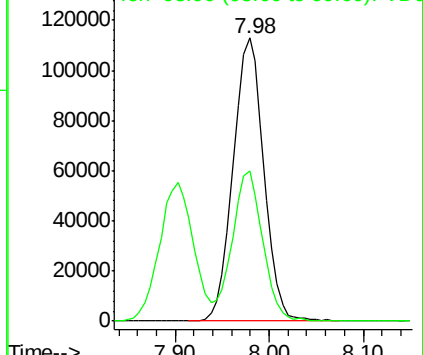
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 41.051 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066198.D

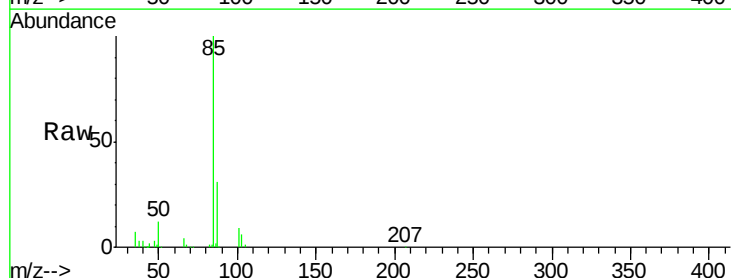
Acq: 11 Aug 2020 20:35

Tgt Ion: 85 Resp: 92374

Ion Ratio Lower Upper

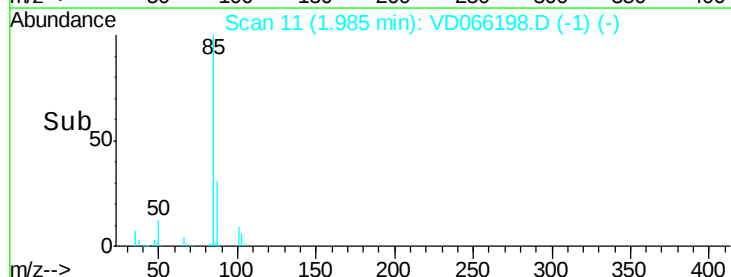
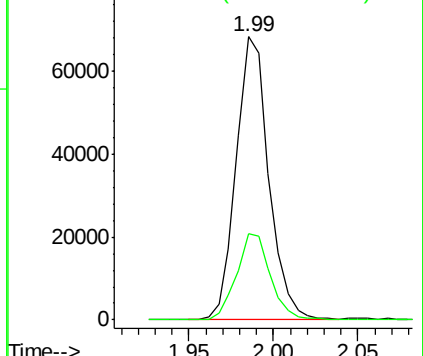
85 100

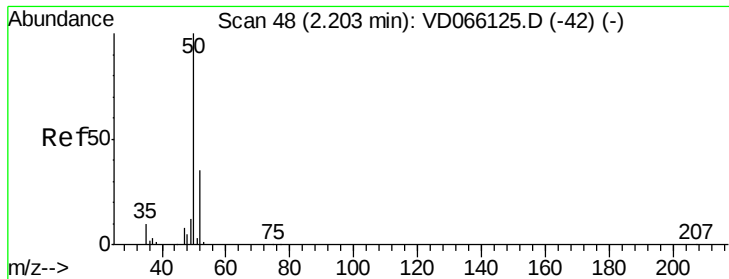
87 30.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.934 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 83905

Ion Ratio Lower Upper

50 100

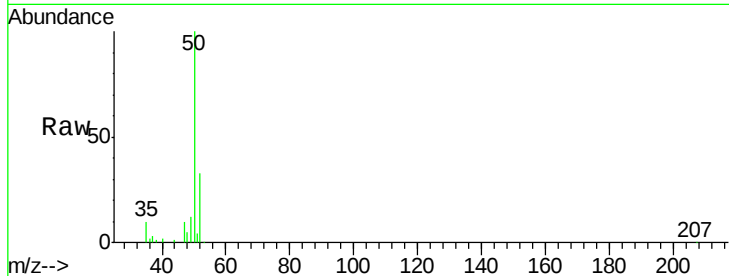
52 33.4 27.9 41.9

Manual Integrations

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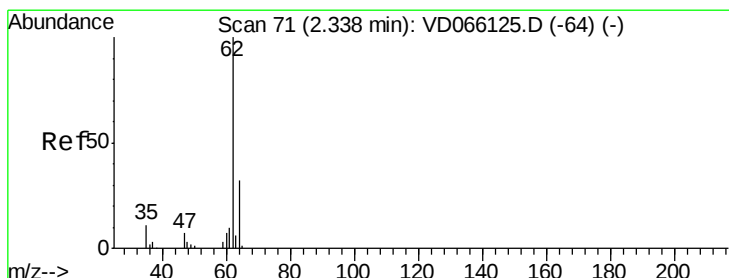
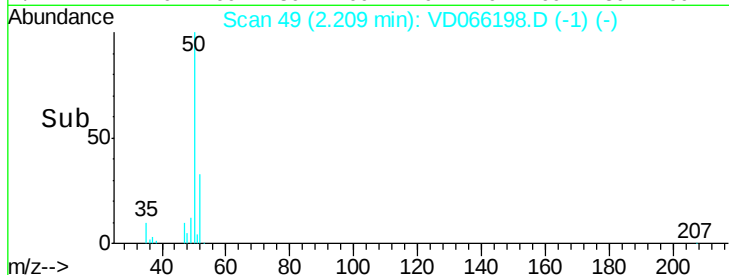
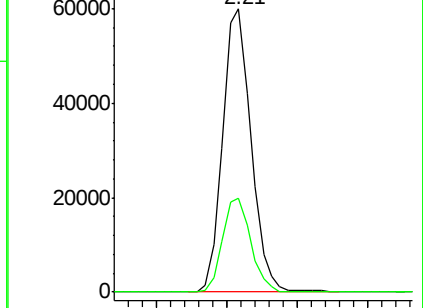
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.823 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066198.D

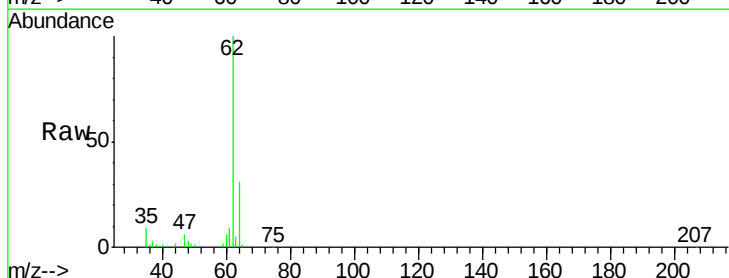
Acq: 11 Aug 2020 20:35

Tgt Ion: 62 Resp: 78760

Ion Ratio Lower Upper

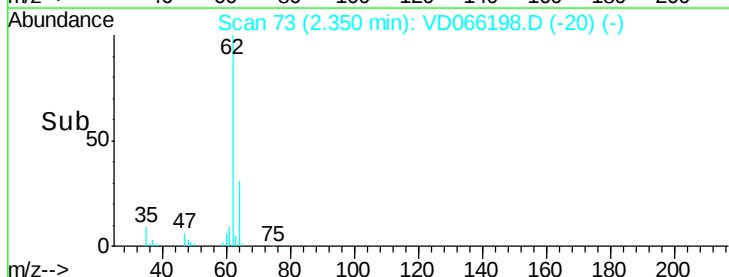
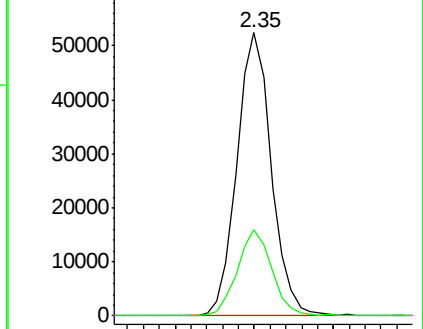
62 100

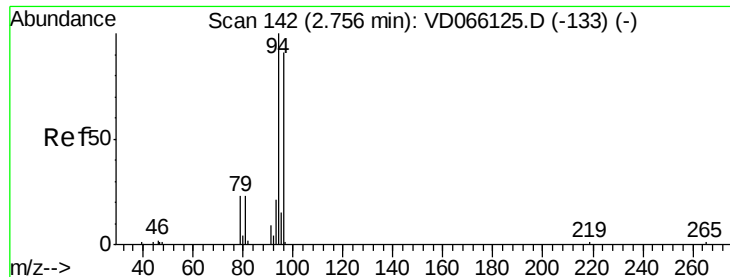
64 30.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 58.240 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59879

Ion Ratio Lower Upper

94 100

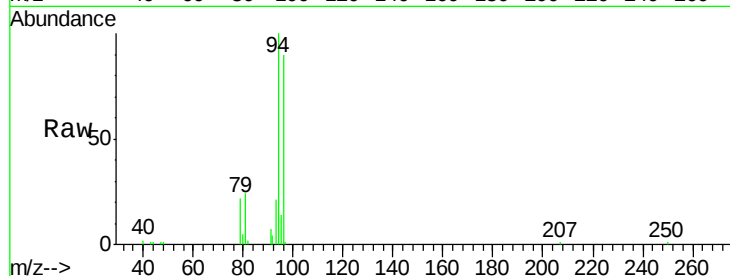
96 89.7 72.6 109.0

Manual Integrations

APPROVED

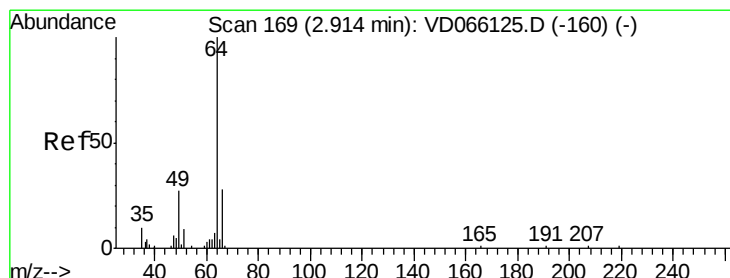
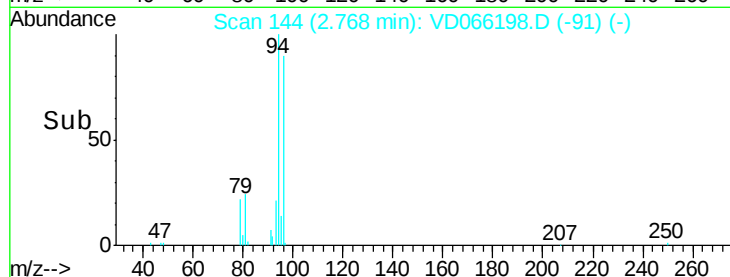
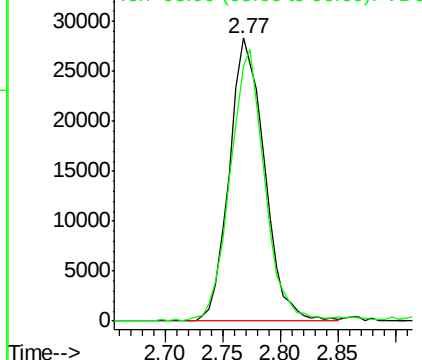
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 53.935 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066198.D

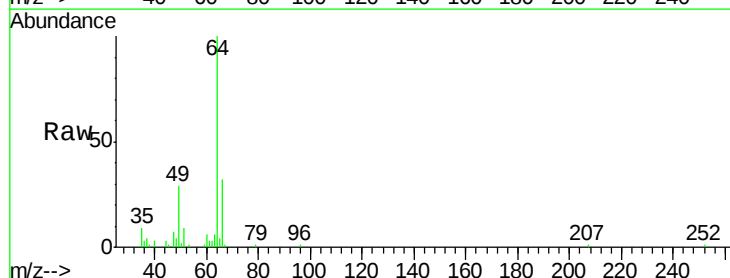
Acq: 11 Aug 2020 20:35

Tgt Ion: 64 Resp: 51306

Ion Ratio Lower Upper

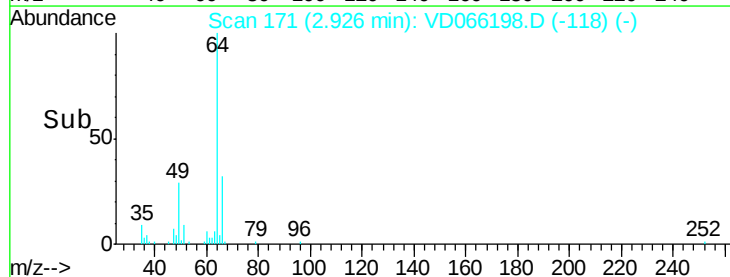
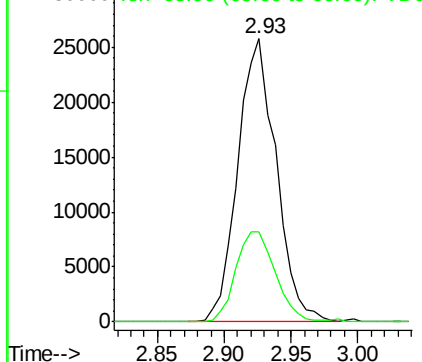
64 100

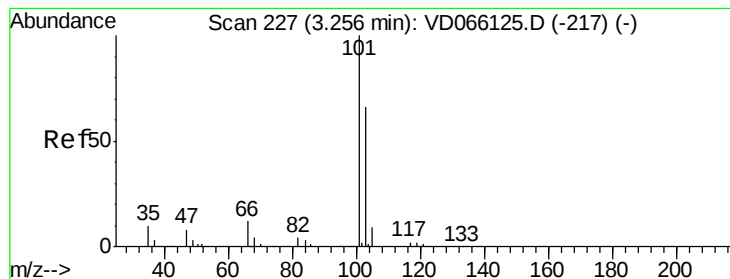
66 31.7 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

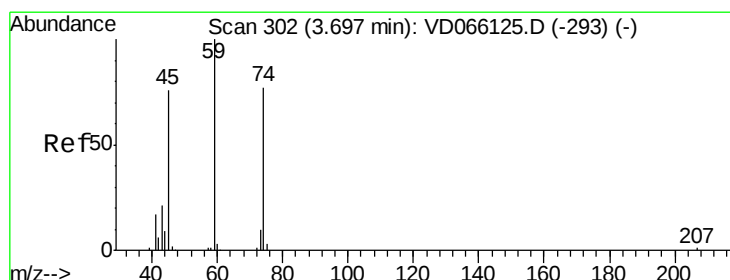
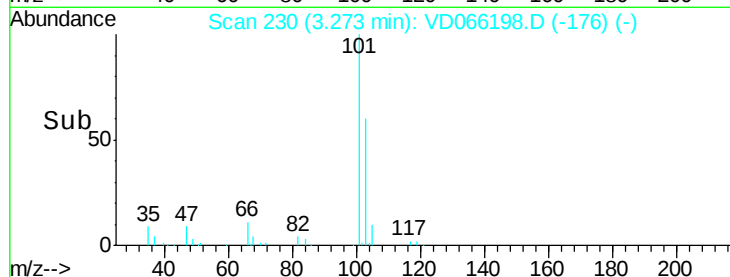
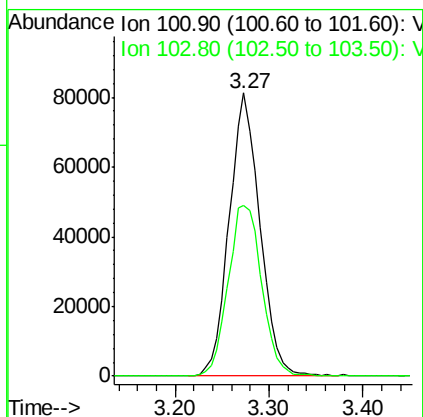
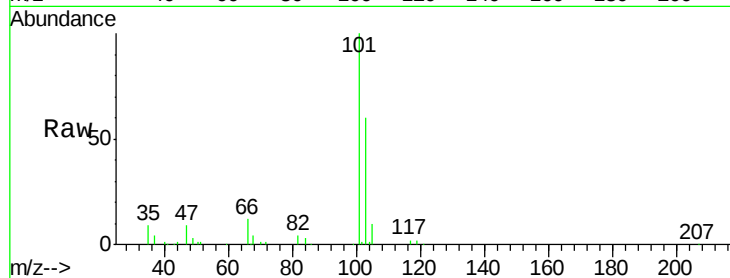
Trichlorofluoromethane
Concen: 45.576 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	184132		
103	60.1	53.0	79.6	

Manual Integrations
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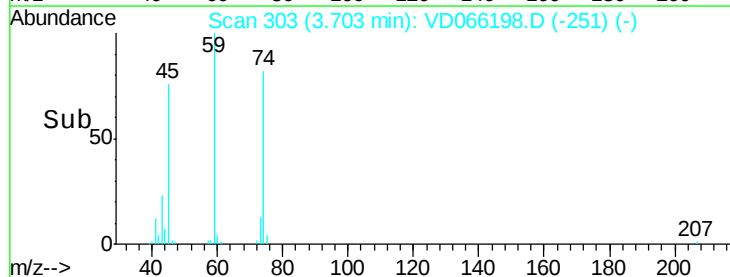
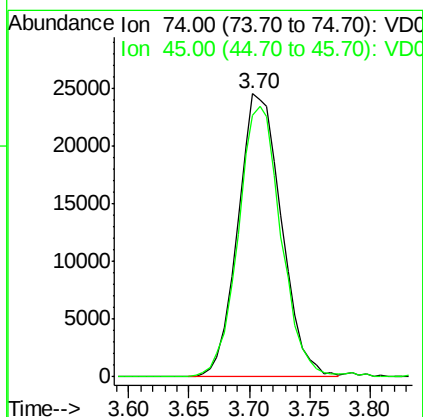
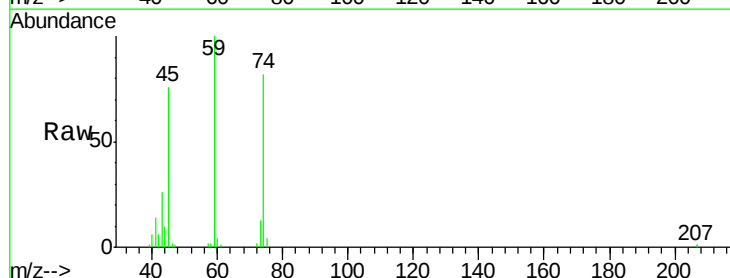
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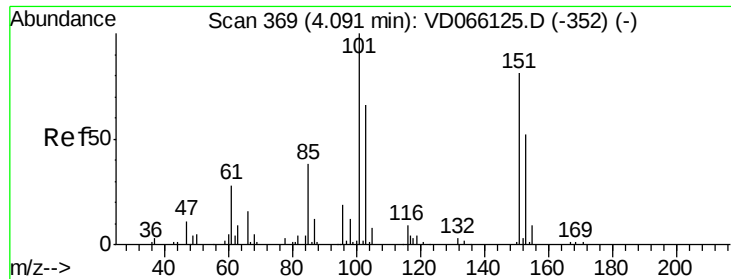


#8

Diethyl Ether
Concen: 53.910 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61457		
45	94.5	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.268 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

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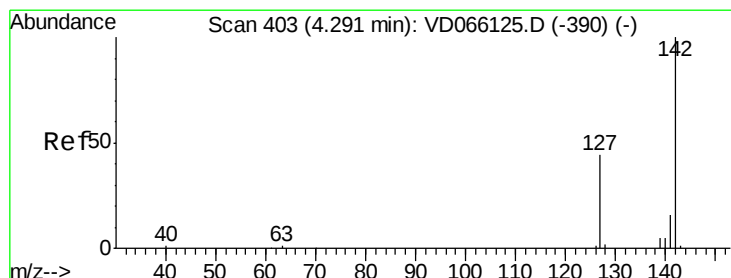
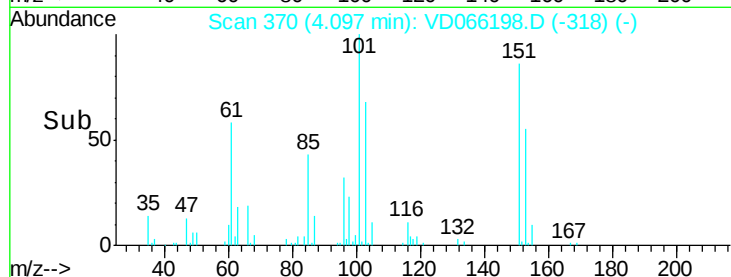
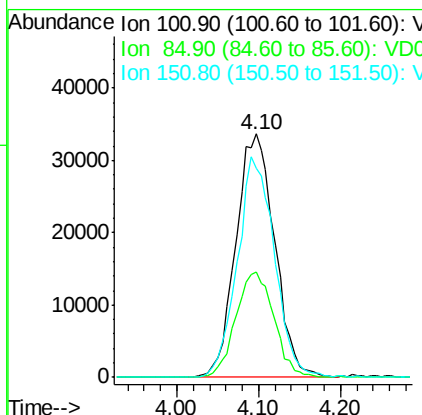
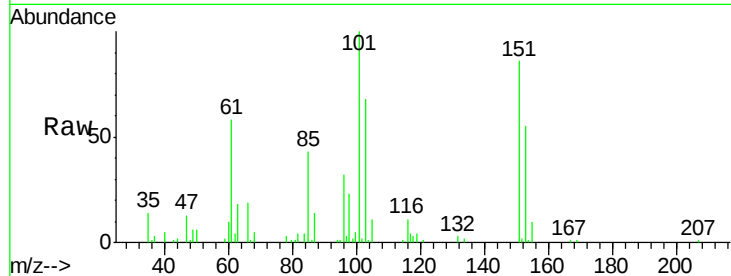
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	110936
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.5	50.3
151	86.7	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 58.950 ug/l

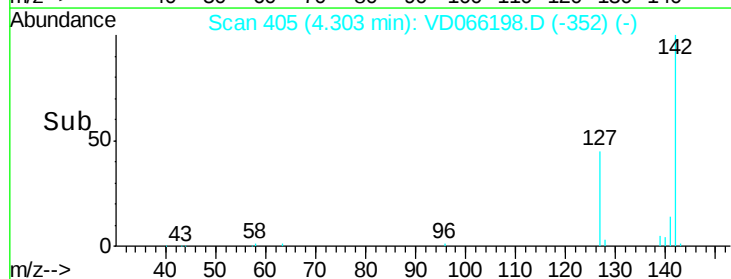
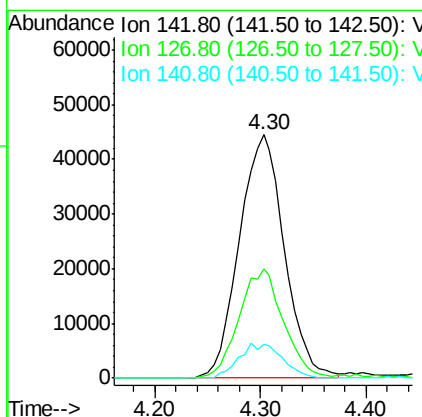
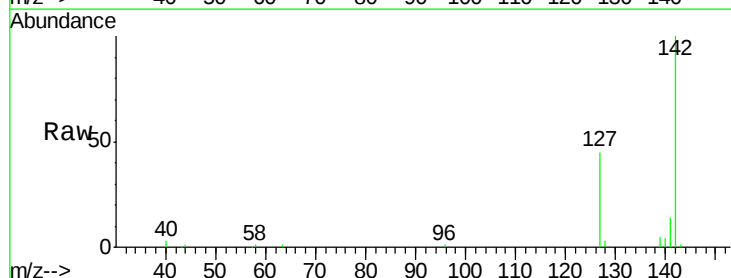
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Tgt Ion:	142	Resp:	131711
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.2	54.4
141	14.0	12.6	18.8





#11

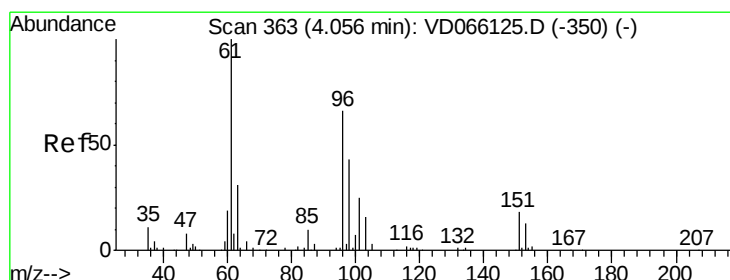
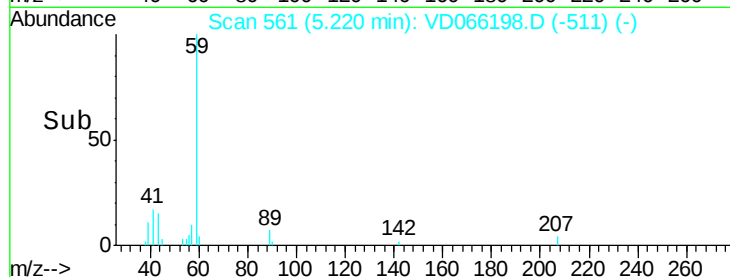
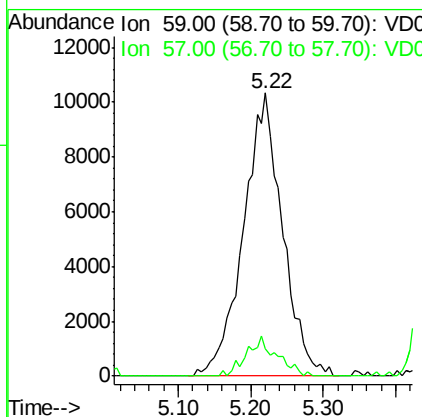
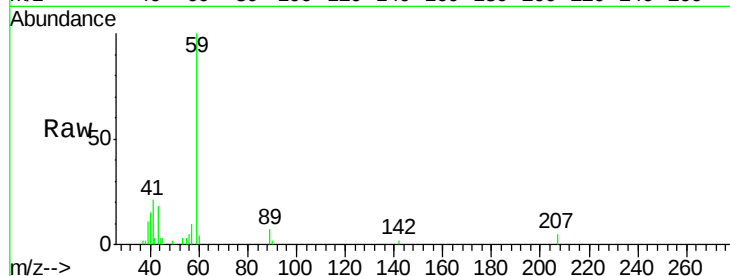
Tert butyl alcohol
 Concen: 223.190 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	38668
Ion Ratio	100	Lower	Upper
57	11.0	7.0	10.4#

Manual Integrations
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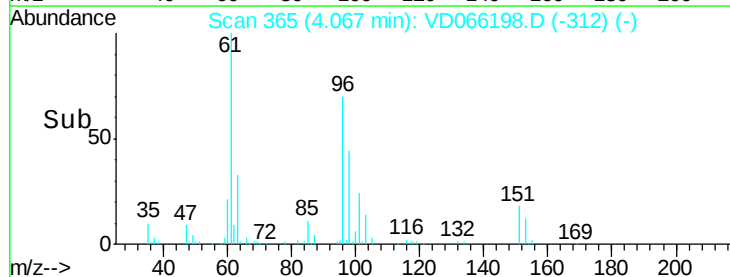
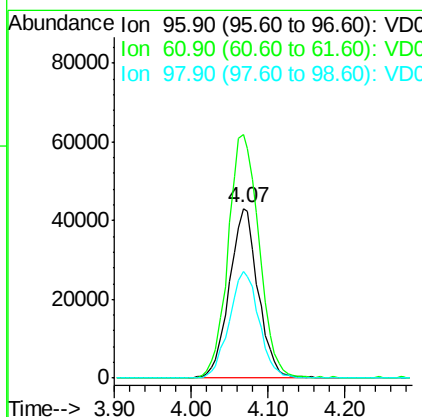
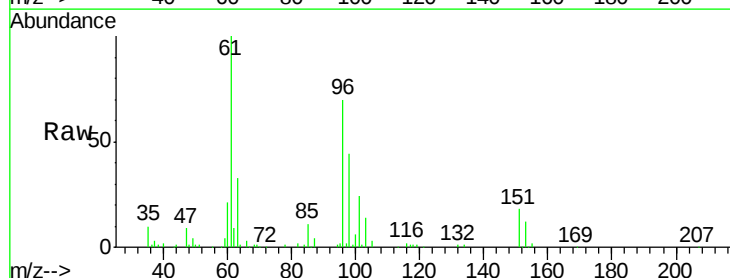
MMDadoda
 8/12/2020 3:57:46 PM

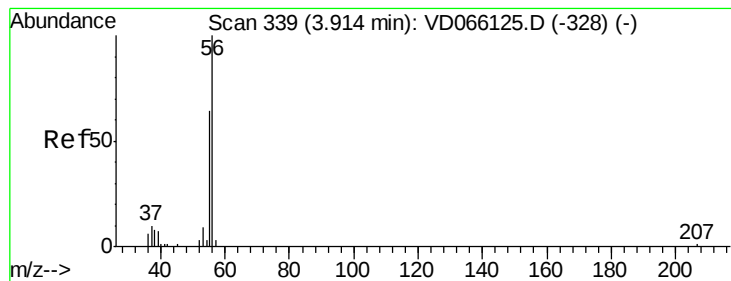


#12

1,1-Dichloroethene
 Concen: 49.739 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion	96	Resp	112504
Ion Ratio	100	Lower	Upper
61	143.2	121.6	182.4
98	62.4	52.0	78.0





#13

Acrolein

Concen: 252.808 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 45852

Ion Ratio Lower Upper

56 100

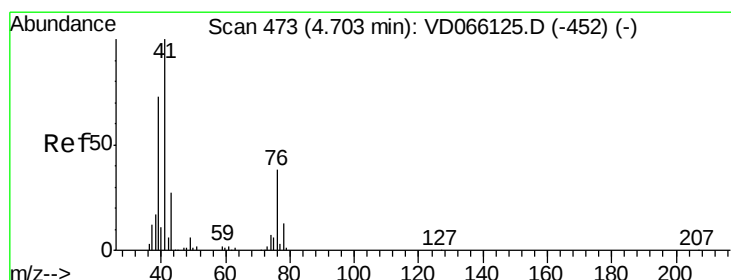
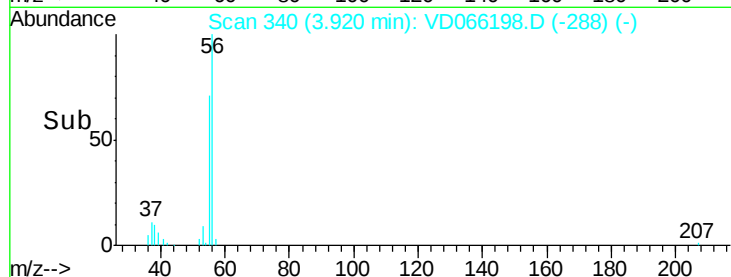
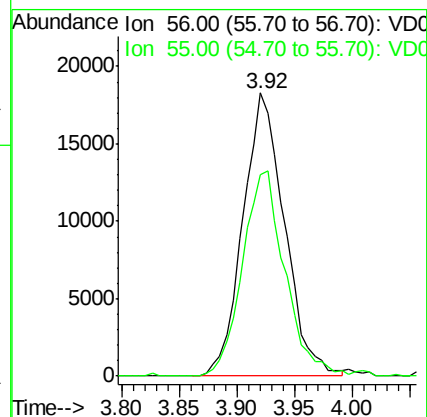
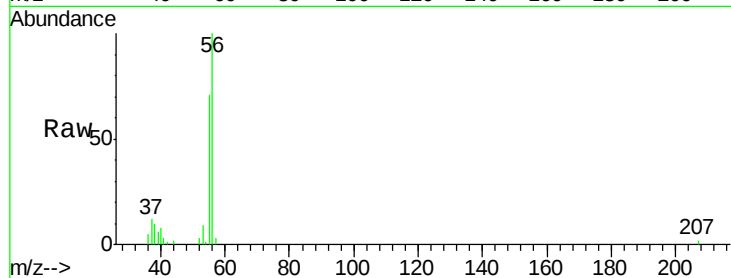
55 73.8 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 52.881 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

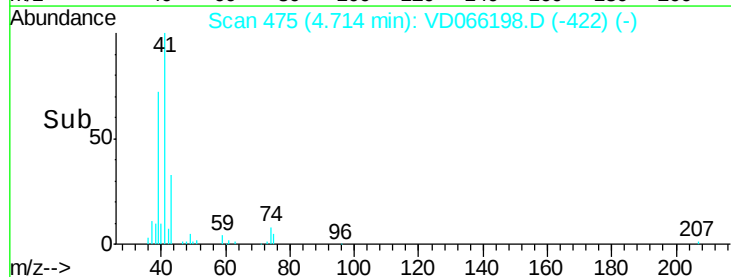
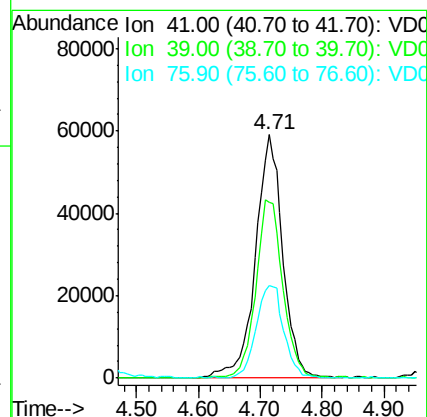
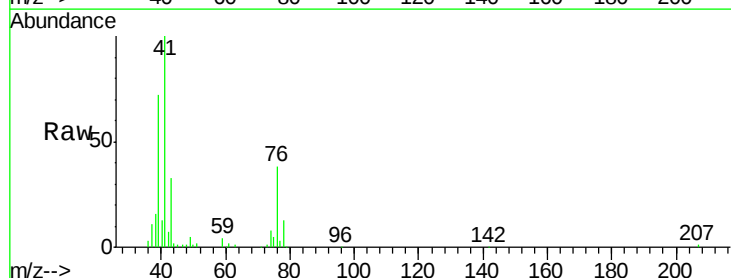
Tgt Ion: 41 Resp: 181209

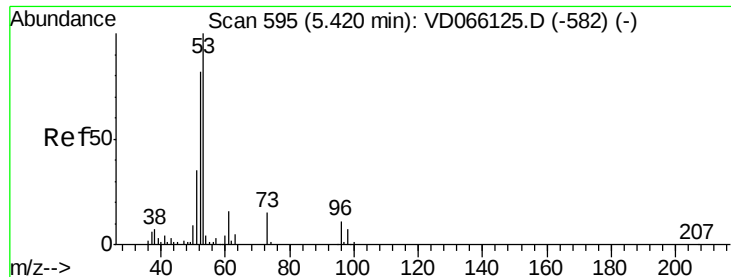
Ion Ratio Lower Upper

41 100

39 72.5 57.4 86.0

76 38.5 30.1 45.1





#15

Acrylonitrile

Concen: 276.568 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

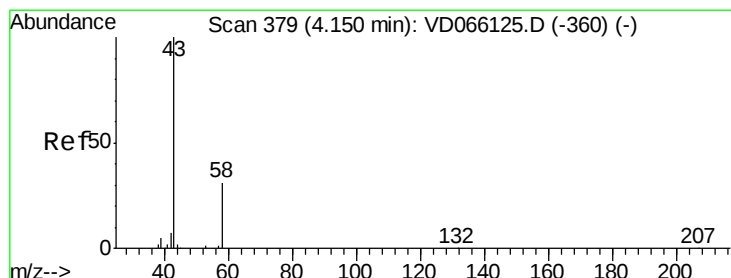
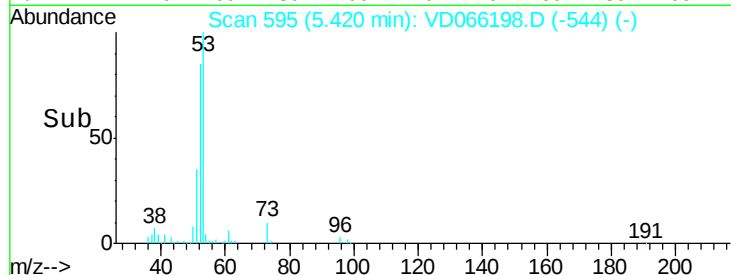
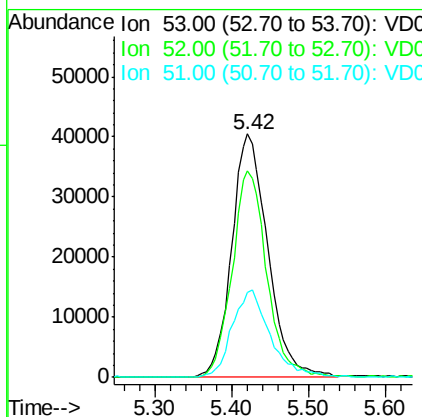
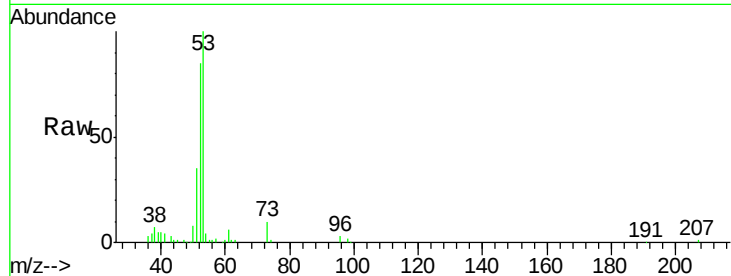
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	132858
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.1	99.1
51	37.7	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 226.994 ug/l

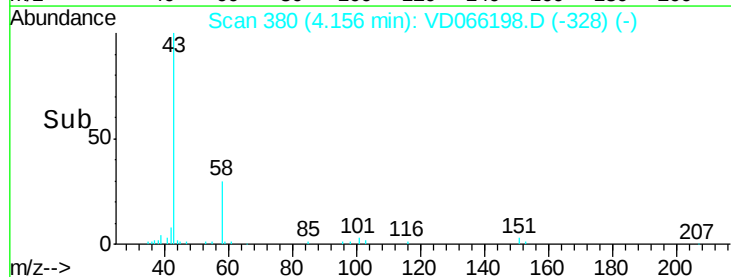
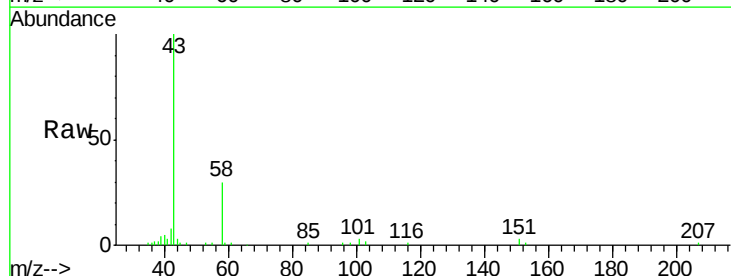
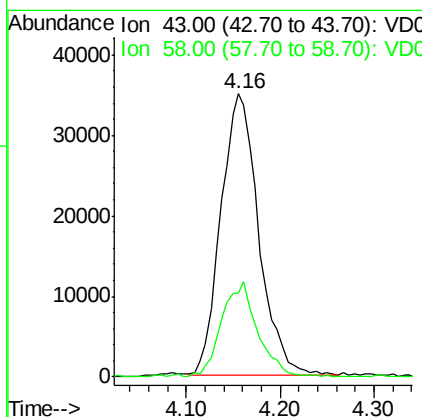
RT: 4.16 min Scan# 380

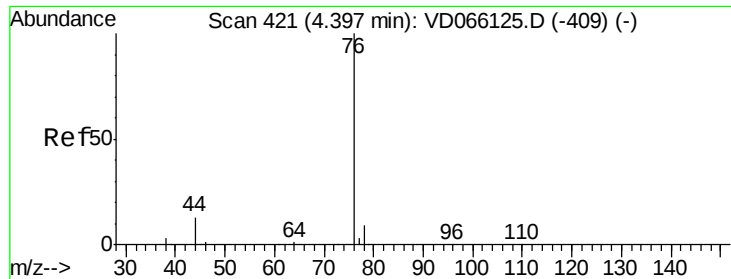
Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Tgt Ion:	43	Resp:	98140
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.7	37.1





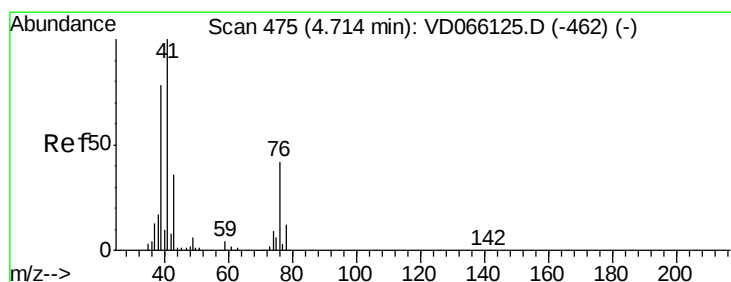
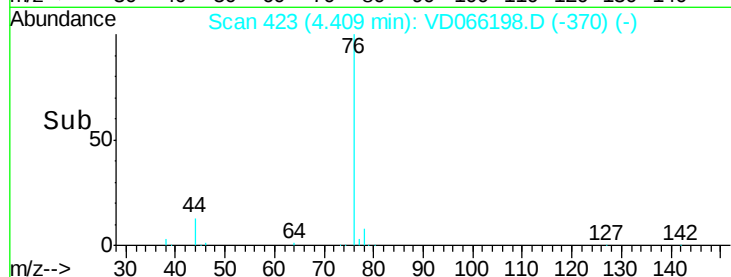
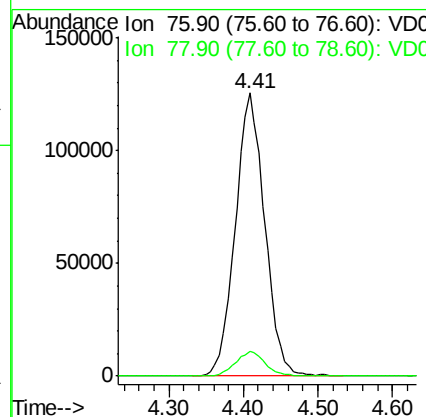
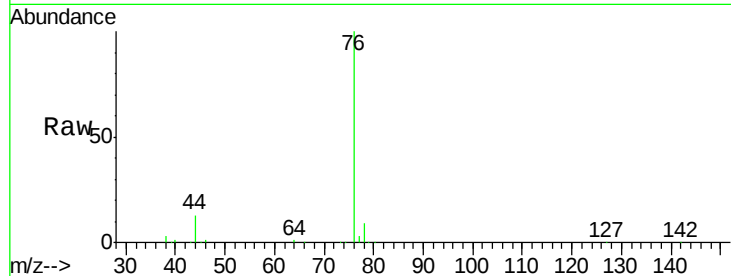
#17
Carbon Disulfide
Concen: 47.750 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
76	76	100		
78	78	8.8	7.5	11.3

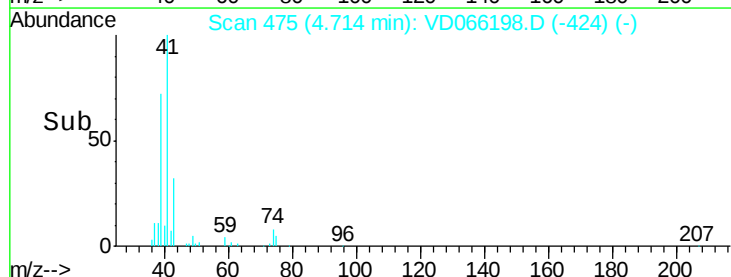
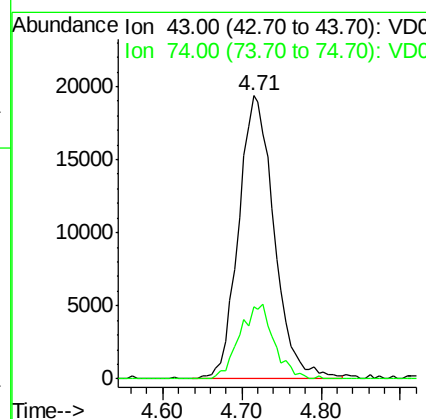
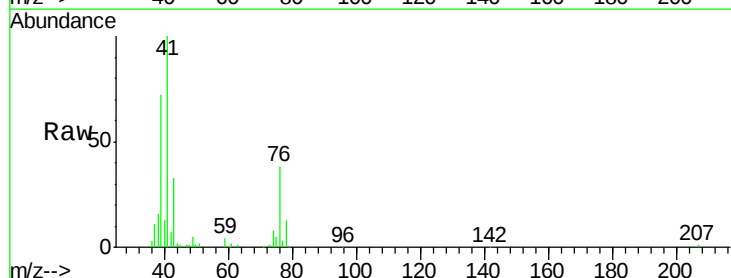
Manual Integrations
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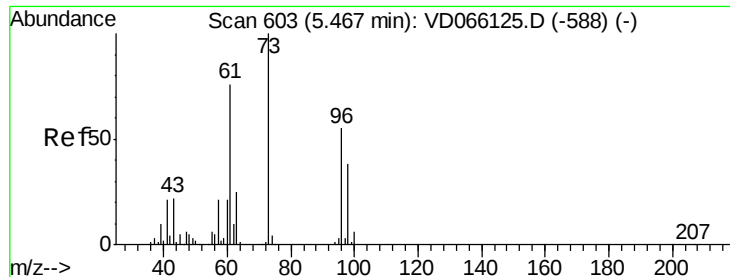
MMDadoda
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#18
Methyl Acetate
Concen: 54.912 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
74	74	25.3	21.2	31.8





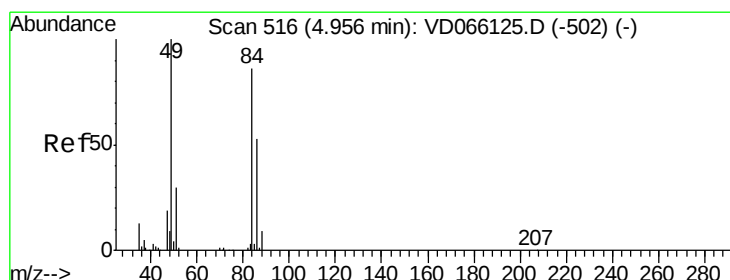
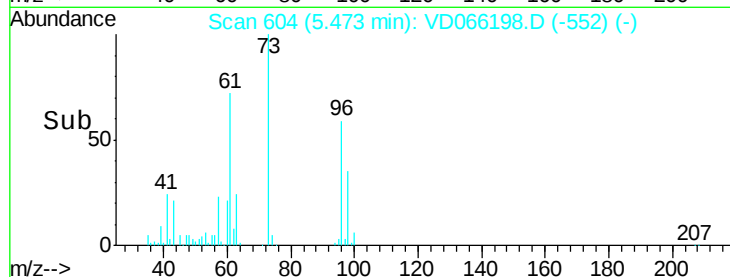
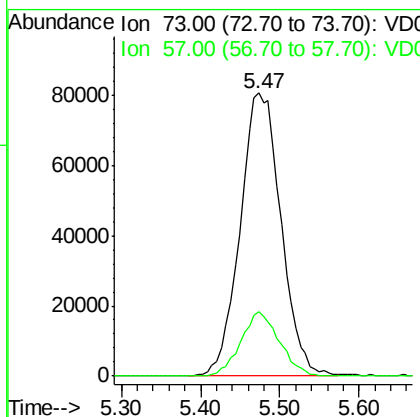
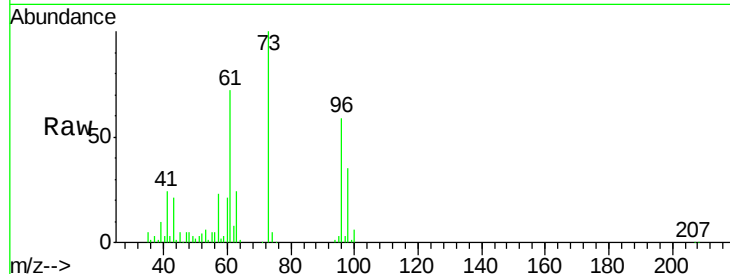
#19
Methvl tert-butvl Ether
Concen: 55.684 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

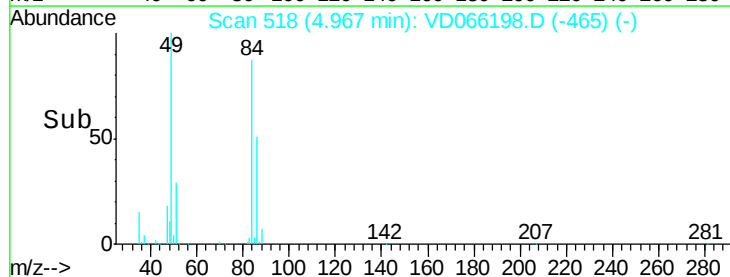
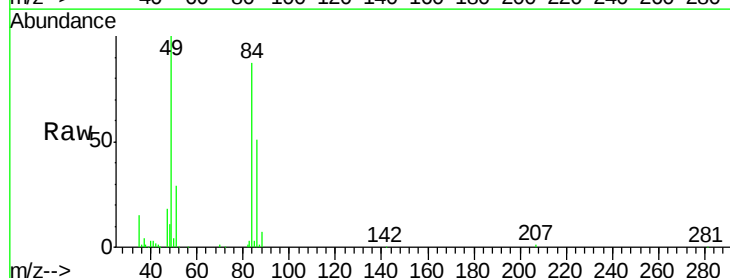
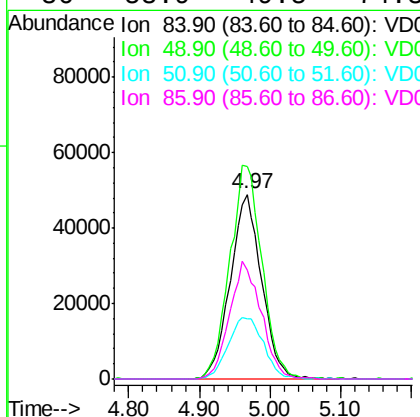
Manual Integrations
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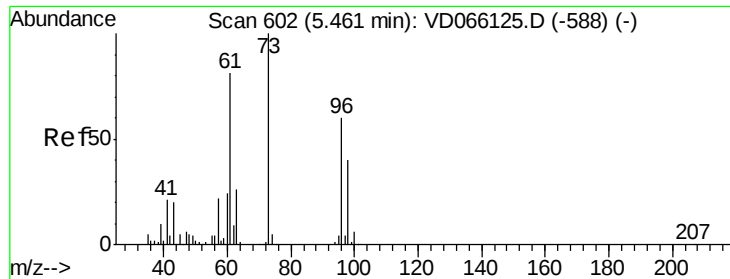
MMDadoda
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#20
Methylene Chloride
Concen: 61.859 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	93.5	140.3
51	32.9	28.2	42.4
86	58.9	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 53.351 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

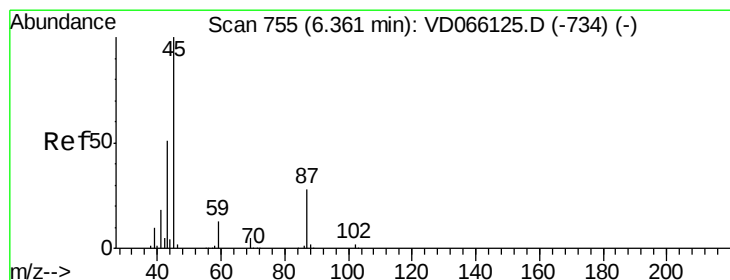
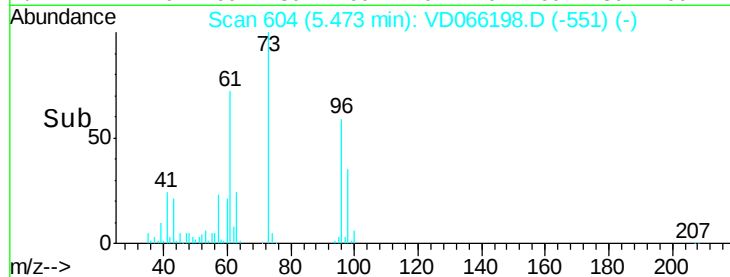
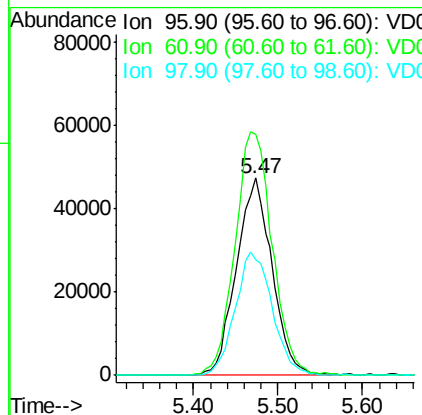
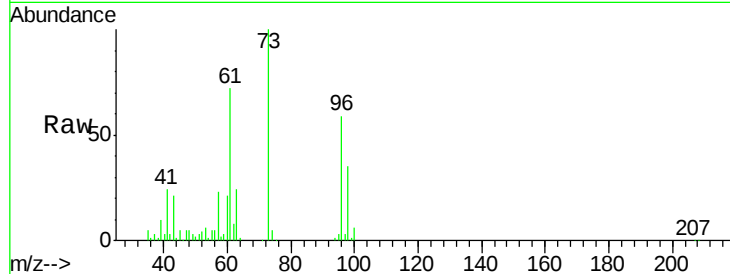
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	138627
Ion	Ratio	Lower	Upper
96	100		
61	122.0	106.9	160.3
98	58.9	53.4	80.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.962 ug/l

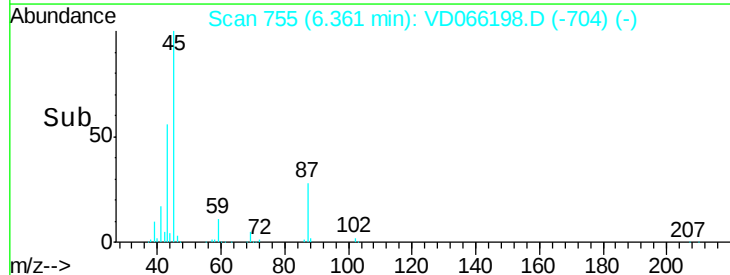
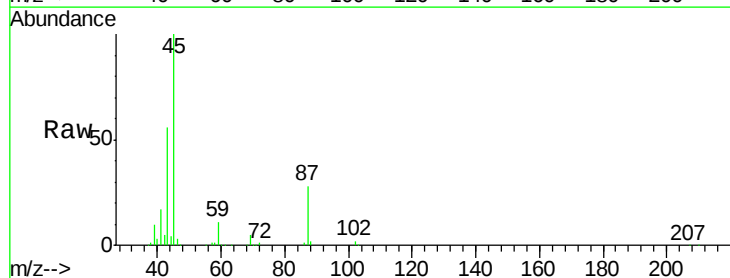
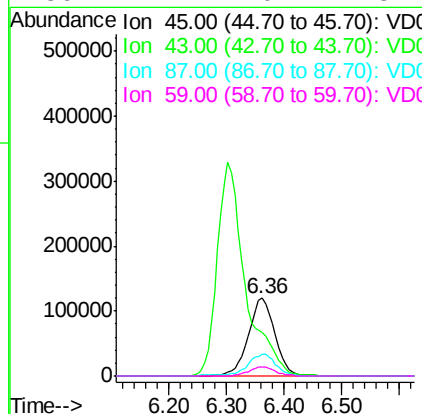
RT: 6.36 min Scan# 755

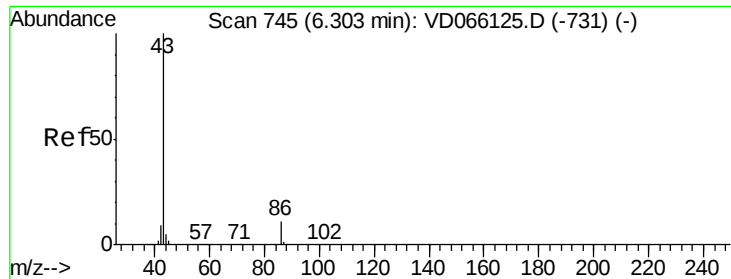
Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Tgt Ion:	45	Resp:	385995
Ion	Ratio	Lower	Upper
45	100		
43	55.8	41.2	61.8
87	28.0	22.8	34.2
59	11.4	10.2	15.2





#23

Vinyl Acetate

Concen: 279.915 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Tot Ion: 43 Resp: 1111223

Ion Ratio Lower Upper

43 100

86 11.7 9.1 13.7

Instrument :

MSVOA_D

ClientSampleId :

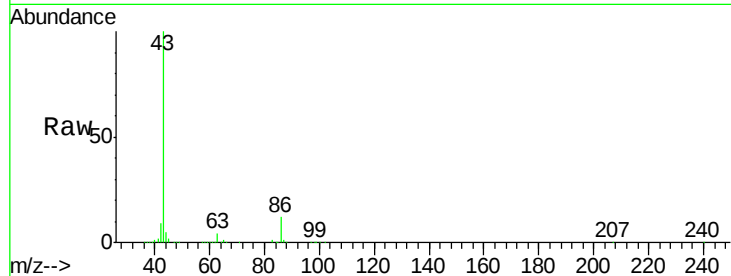
VSTDCCC050EC

Manual Integrations

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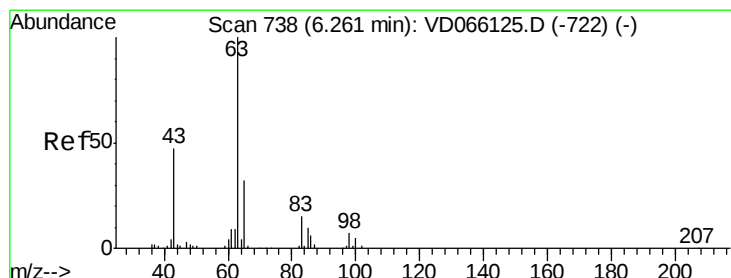
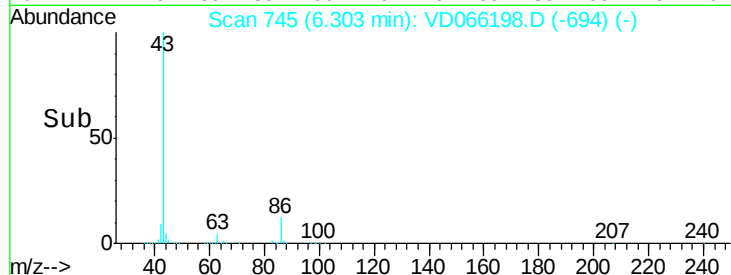
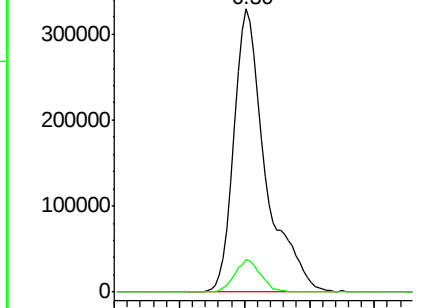
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.280 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

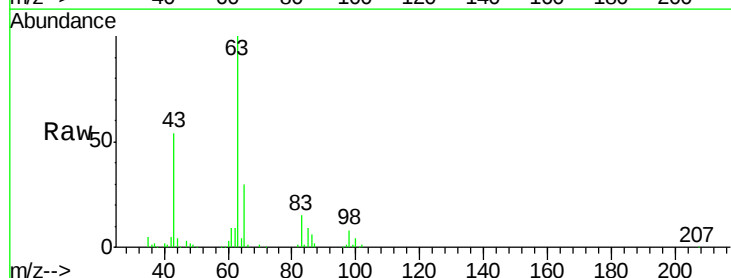
Tgt Ion: 63 Resp: 231824

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

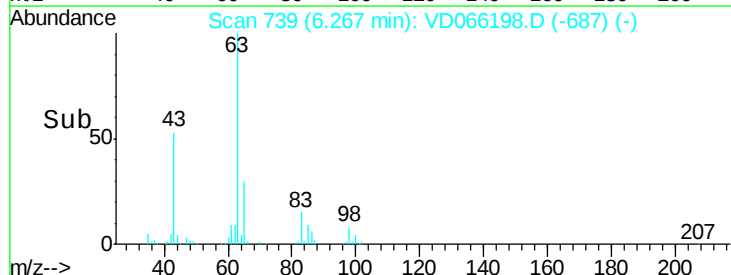
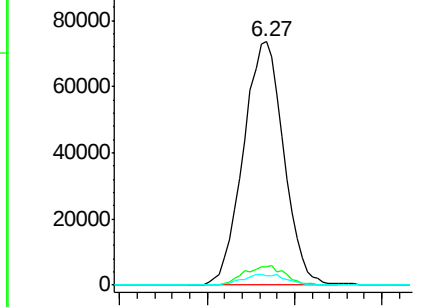
100 4.0 2.4 7.2

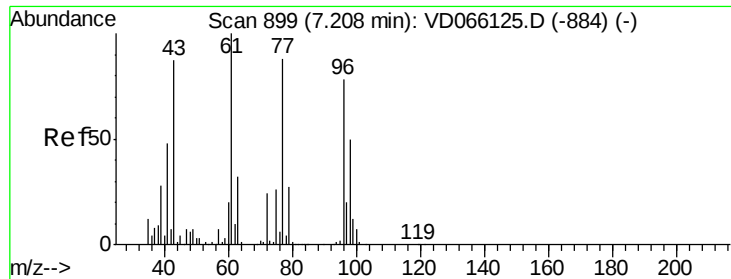


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 248.692 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 158143

Ion Ratio Lower Upper

43 100

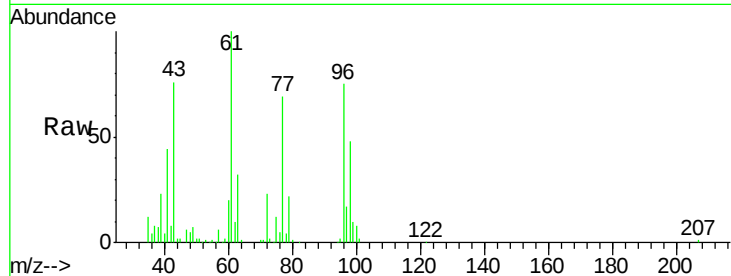
72 29.6 22.2 33.2

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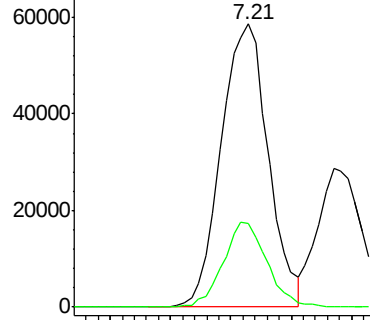
MMDadoda

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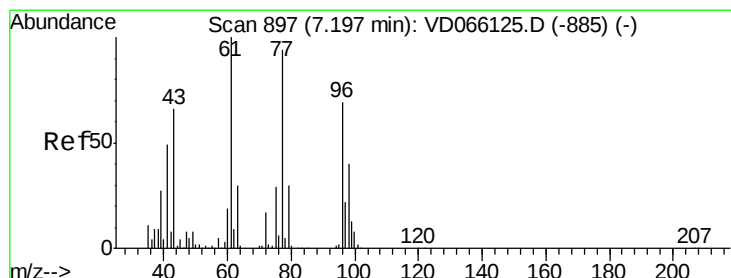
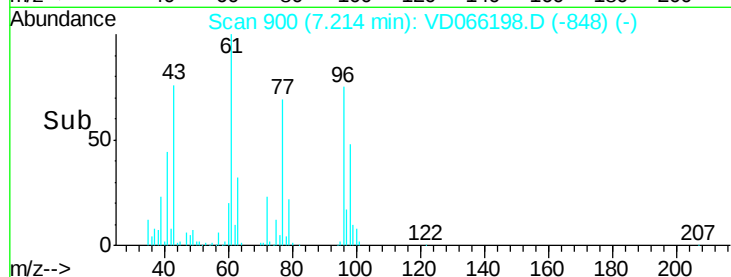


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 45.760 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066198.D

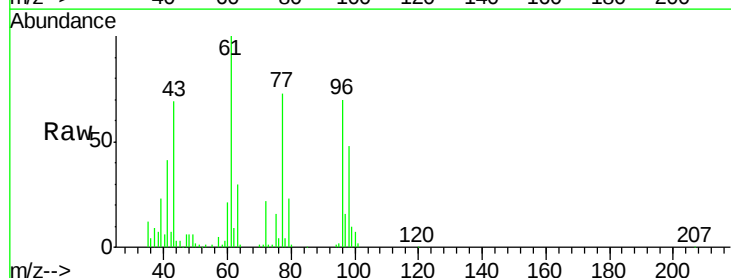
Acq: 11 Aug 2020 20:35

Tgt Ion: 77 Resp: 171995

Ion Ratio Lower Upper

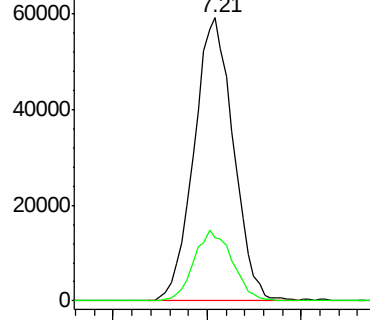
77 100

97 24.3 11.8 35.3

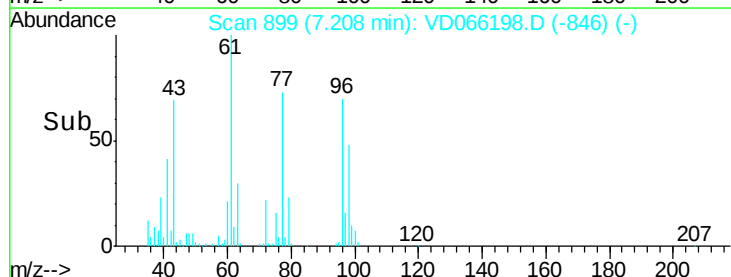


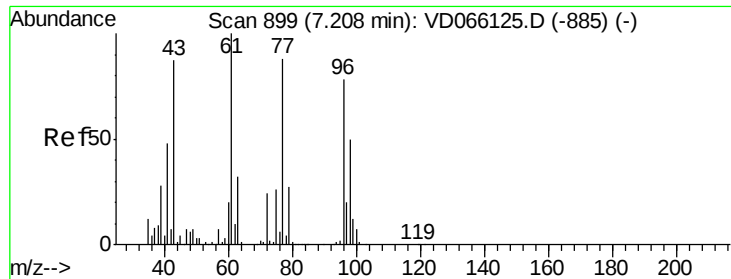
Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



Time-->





#27

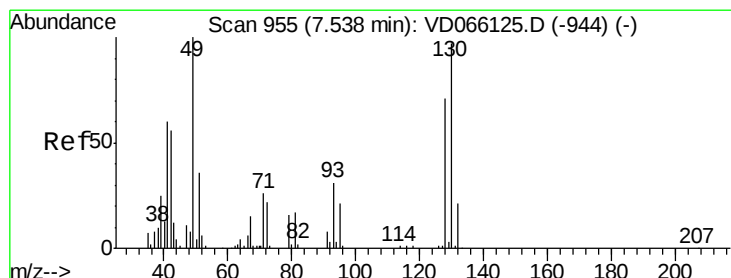
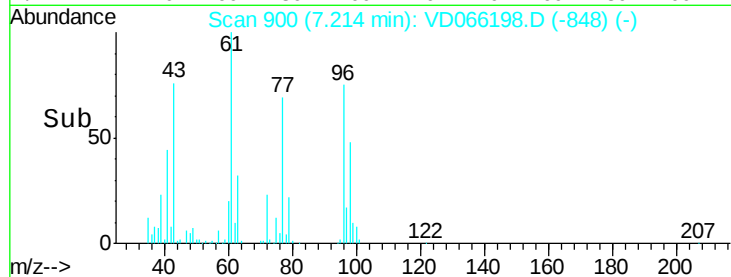
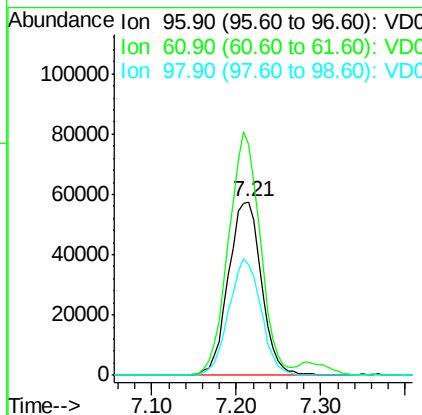
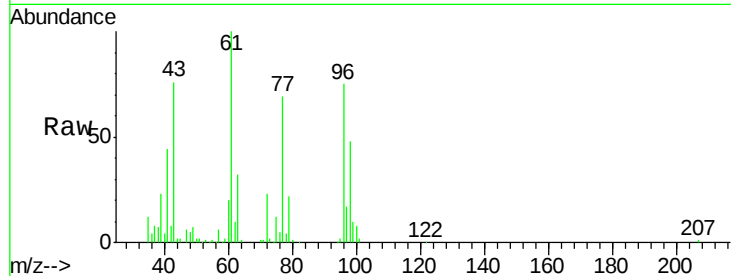
cis-1,2-Dichloroethene
Concen: 57.129 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	155699		
61	134.4	0.0	281.6	
98	65.4	0.0	130.8	

Manual Integrations
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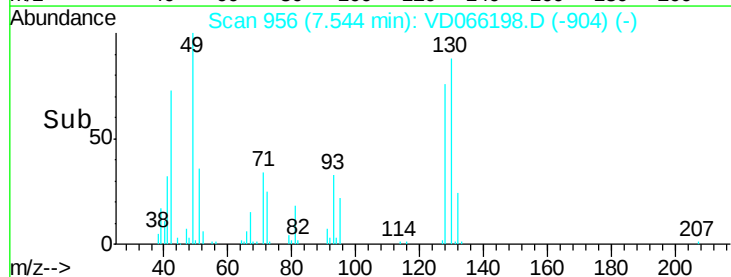
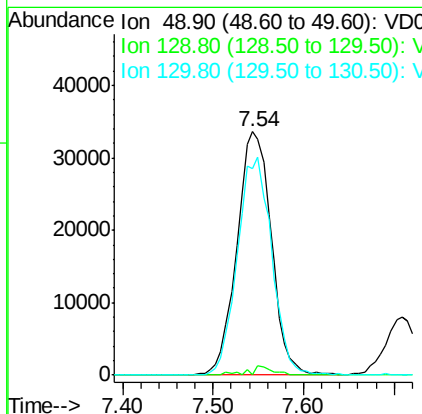
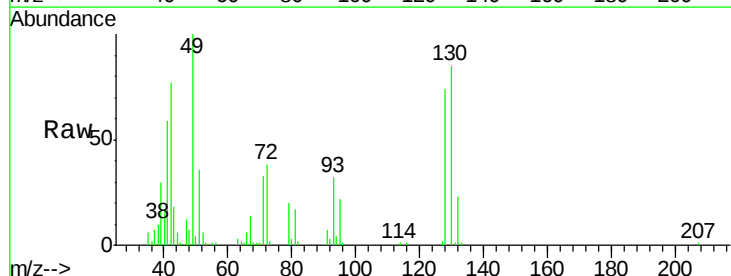
MMDadoda
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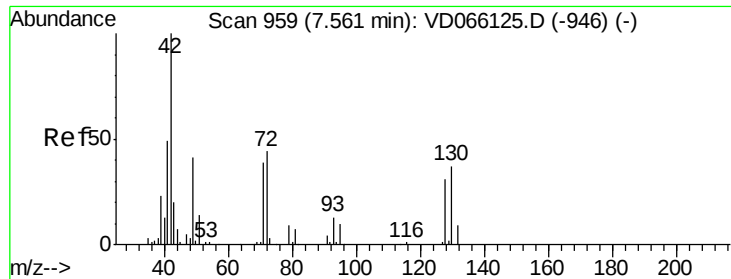


#28

Bromochloromethane
Concen: 60.131 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	88567		
129	2.0	0.0	6.0	
130	89.5	73.8	110.6	





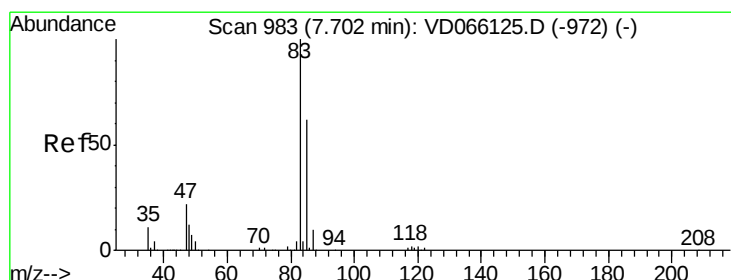
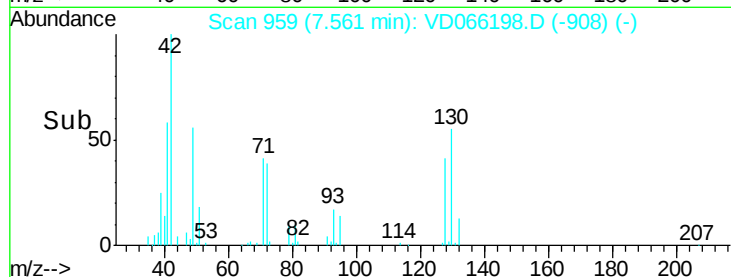
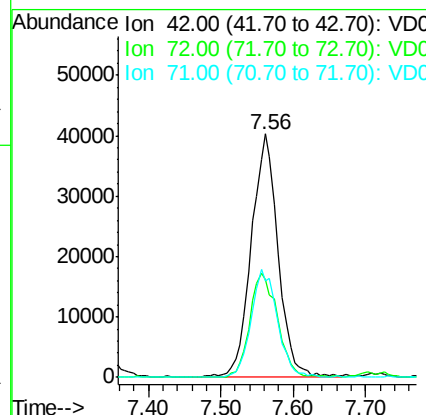
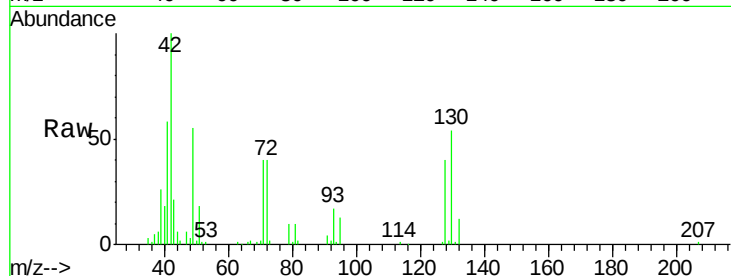
#29
Tetrahydrofuran
Concen: 263.495 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.8	52.2
71	43.5	33.5	50.3

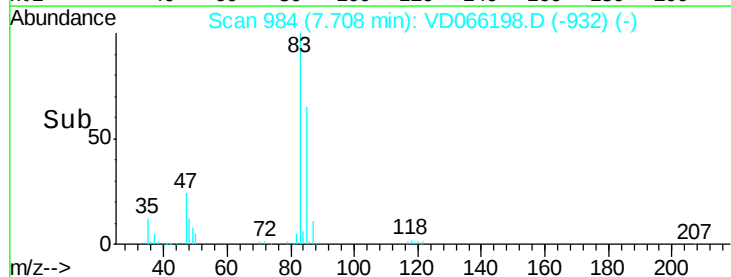
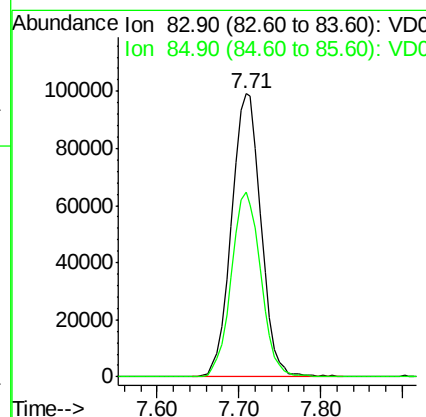
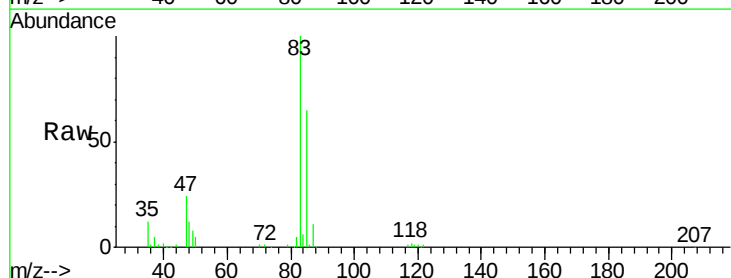
Manual Integrations
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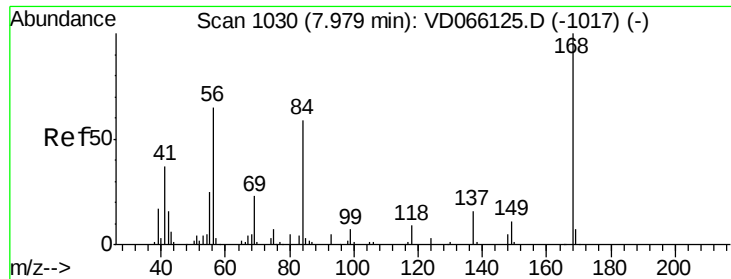
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#30
Chloroform
Concen: 56.402 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.5	74.3





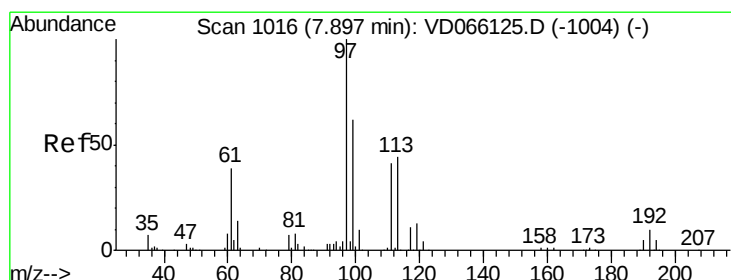
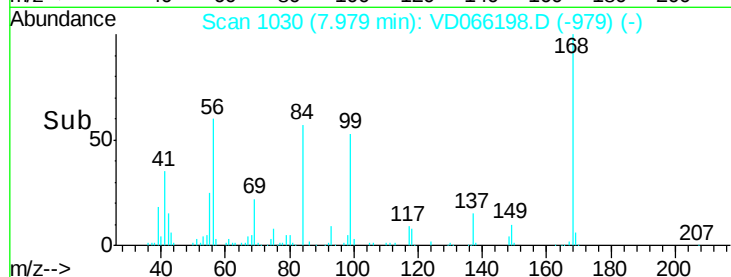
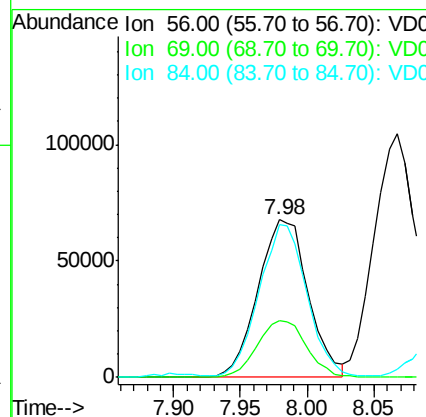
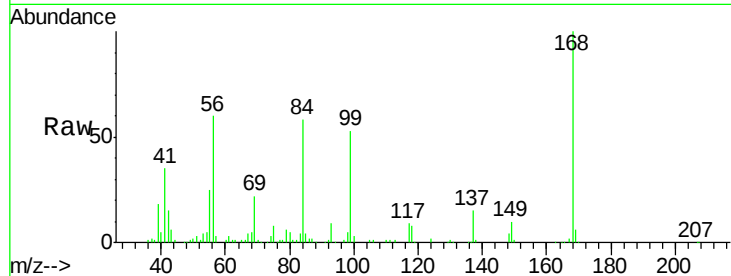
#31
Cyclohexane
Concen: 44.261 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	28.8	43.2
84	95.4	73.0	109.6

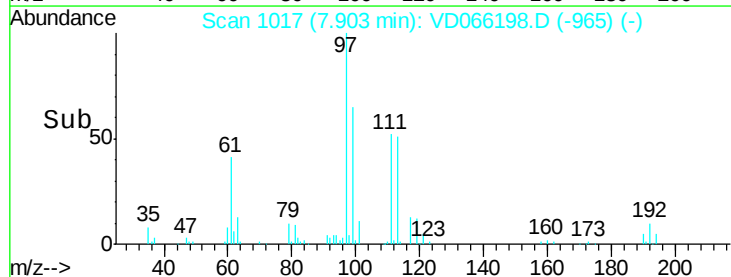
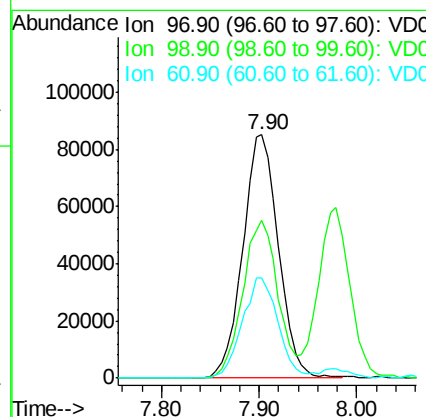
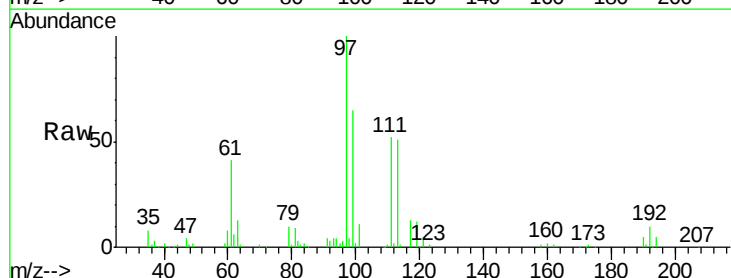
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#32
1,1,1-Trichloroethane
Concen: 52.665 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.1	76.7
61	41.2	32.7	49.1





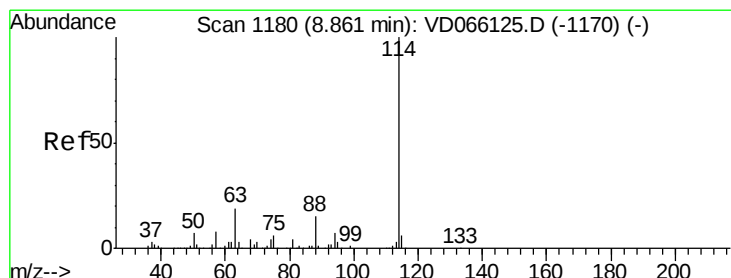
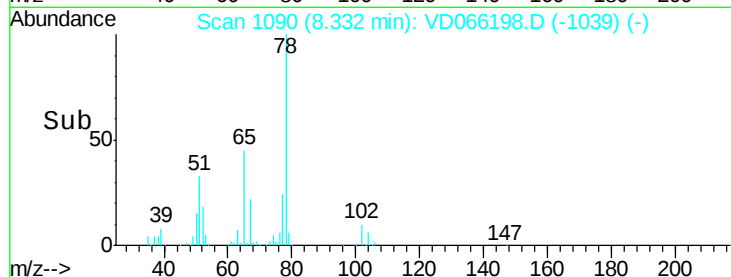
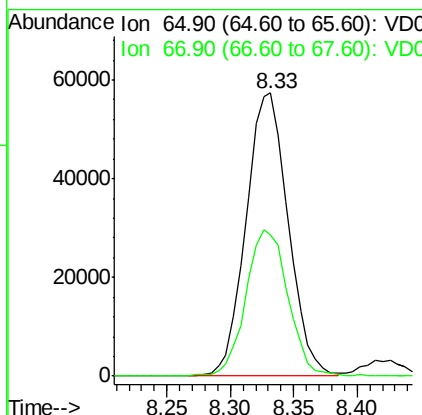
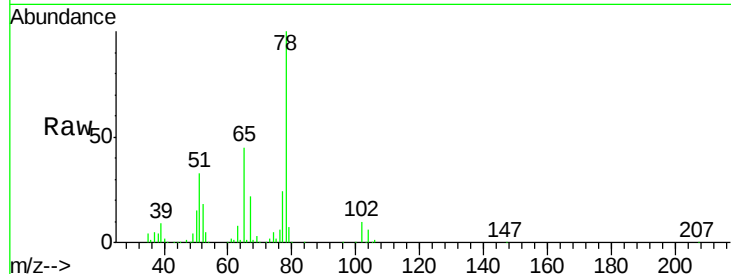
#33
 1,2-Dichloroethane-d4
 Concen: 58.250 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132727		
67	51.3	0.0	104.6	

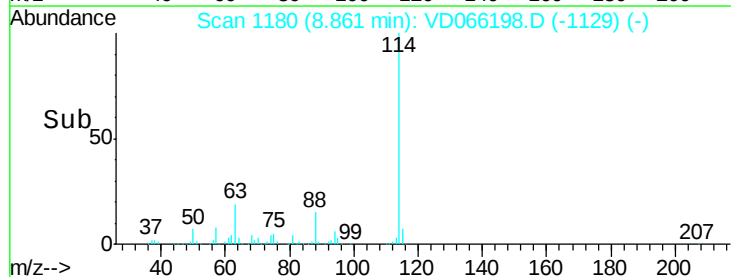
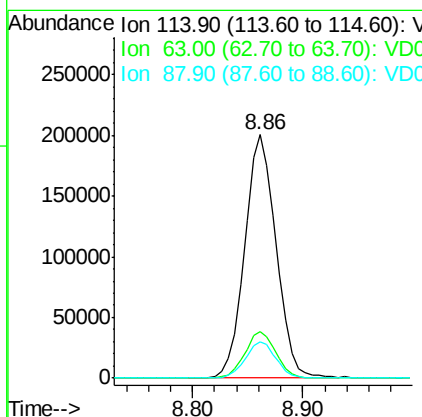
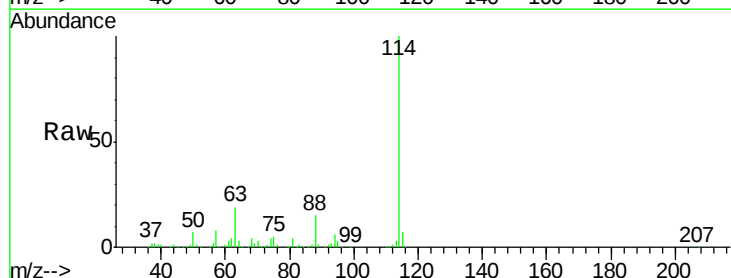
Manual Integrations
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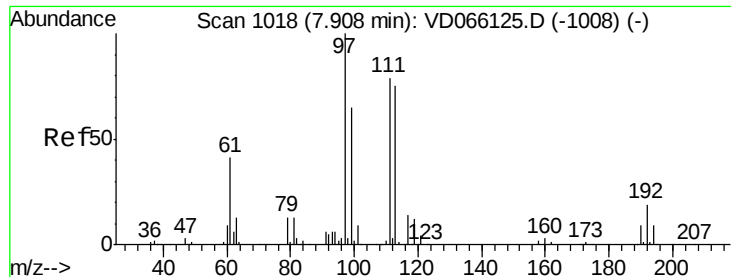
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	399493		
63	19.1	0.0	38.6	
88	14.9	0.0	30.0	





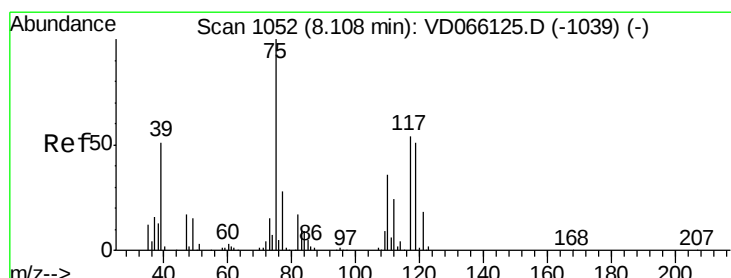
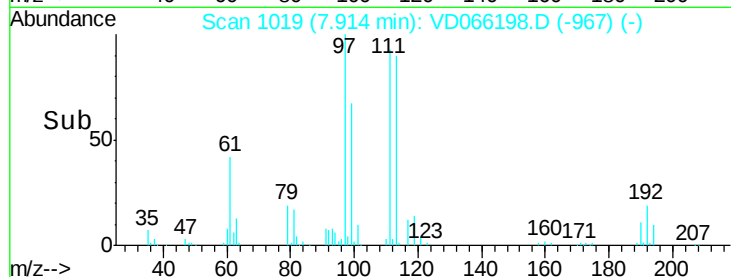
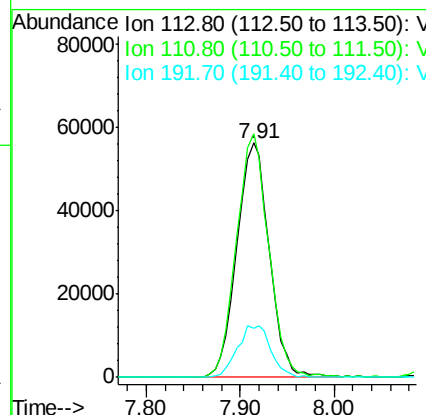
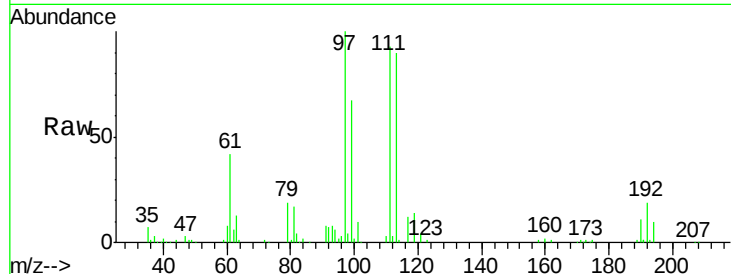
#35
Dibromofluoromethane
Concen: 53.388 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135112		
111	103.0	80.7	121.1	
192	22.8	18.4	27.6	

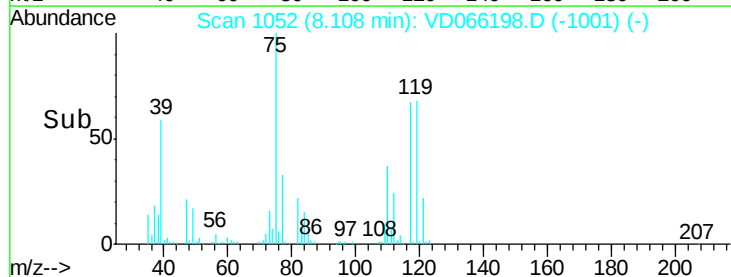
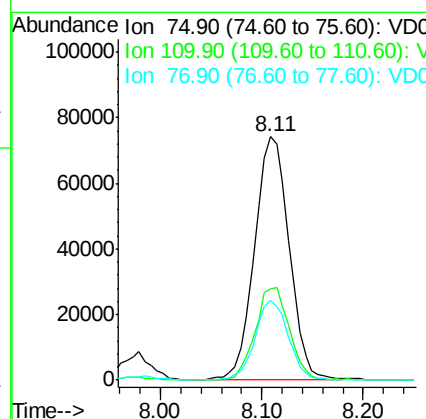
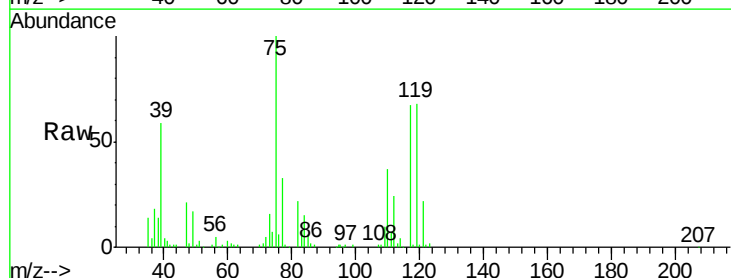
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 47.027 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176541		
110	37.5	18.8	56.3	
77	31.6	24.2	36.2	





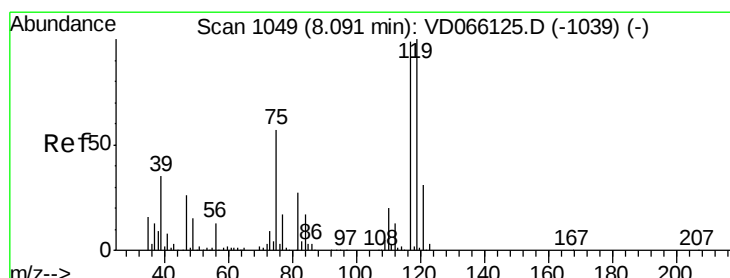
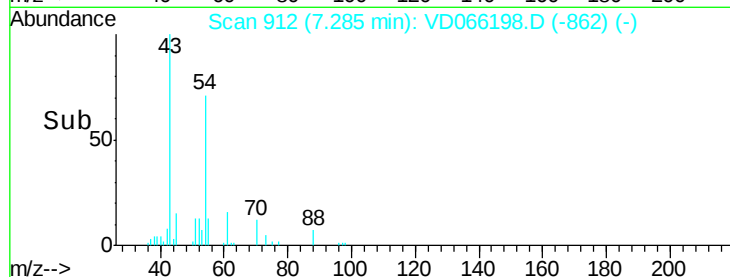
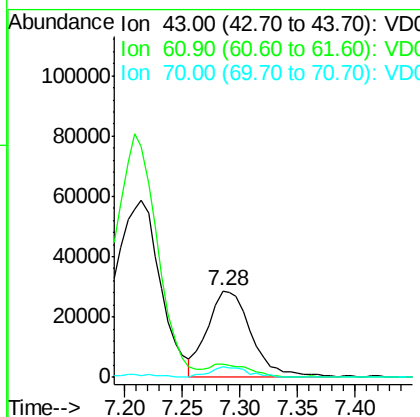
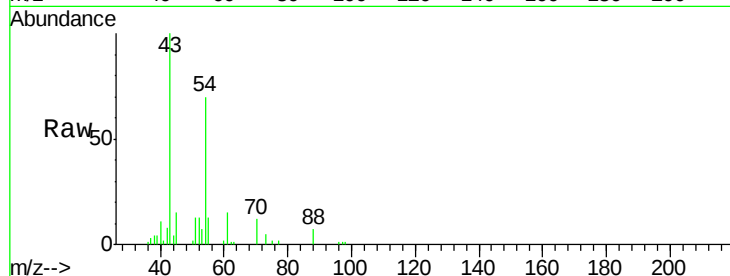
#37
Ethyl Acetate
Concen: 50.418 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	12.0	18.0
70	11.1	9.7	14.5

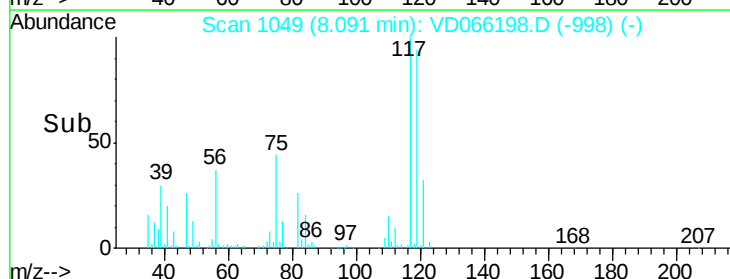
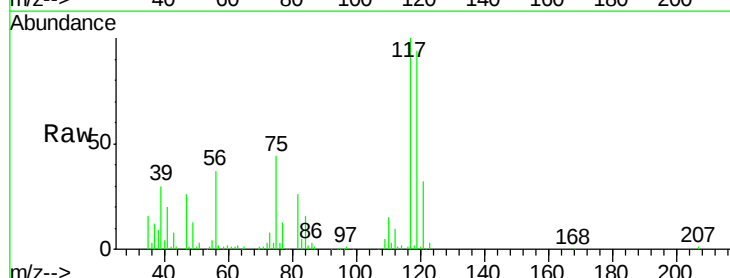
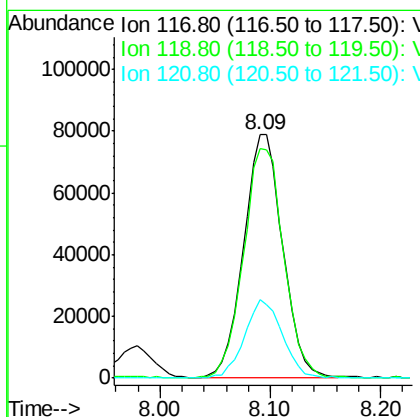
Manual Integrations
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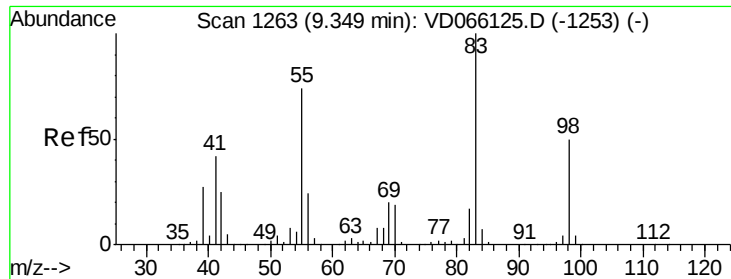
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#38
Carbon Tetrachloride
Concen: 46.865 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	81.0	121.4
121	32.1	24.8	37.2





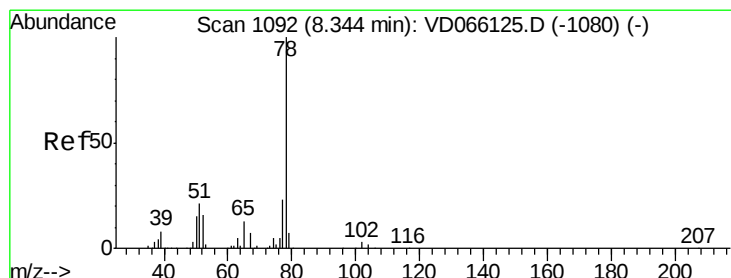
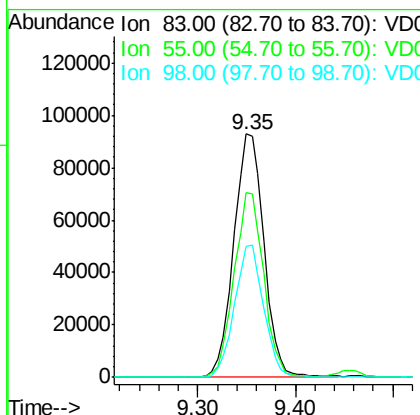
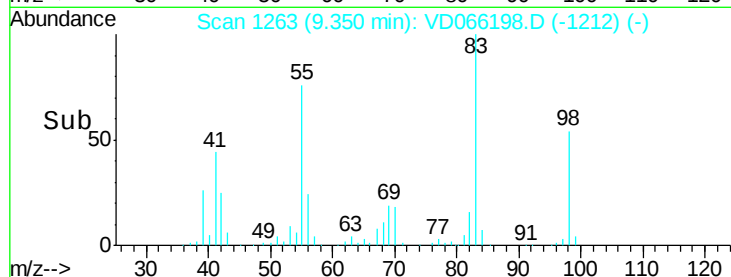
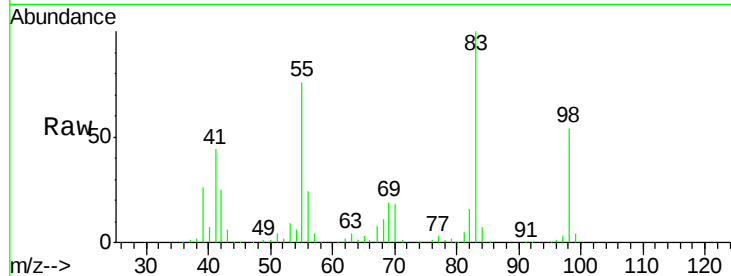
#39
Methylvlcyclohexane
Concen: 43.996 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.2	88.8
98	53.7	39.8	59.6

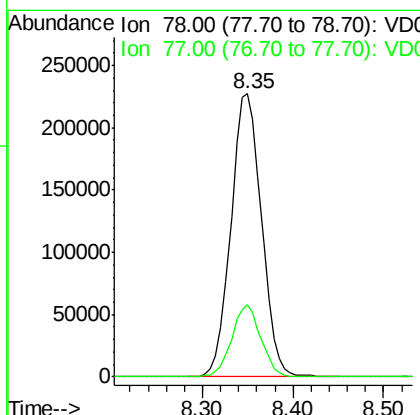
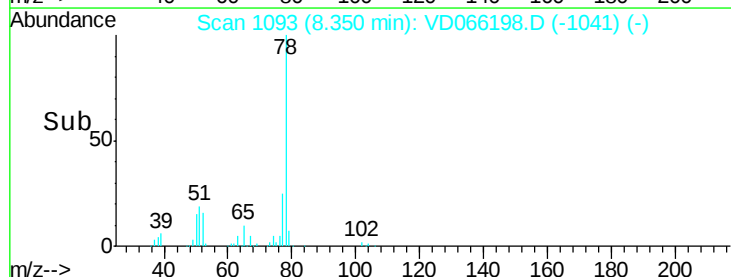
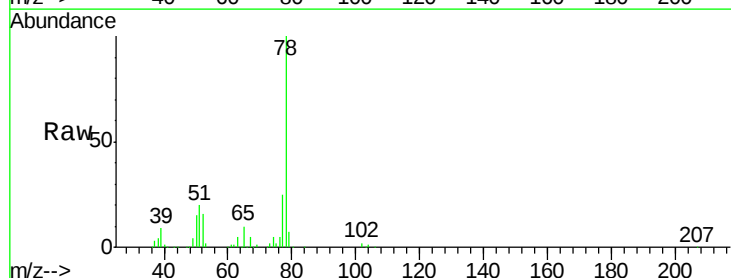
Manual Integrations
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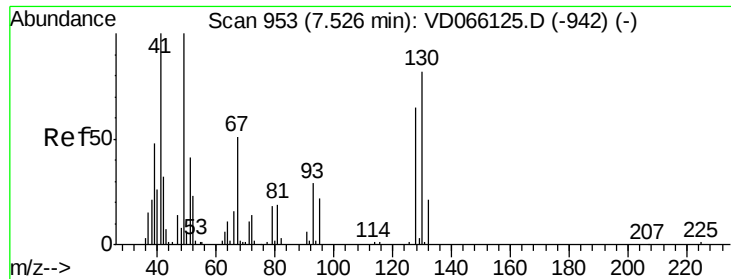
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#40
Benzene
Concen: 51.244 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.6	27.8





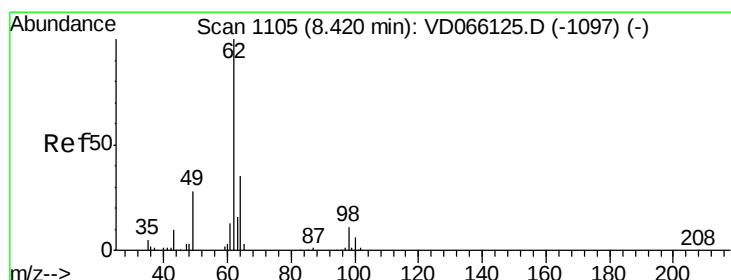
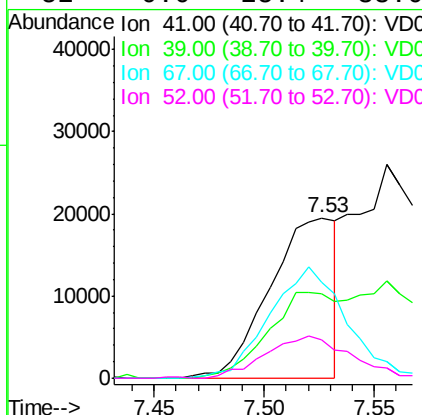
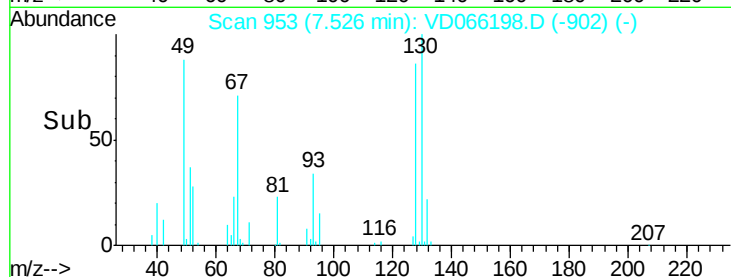
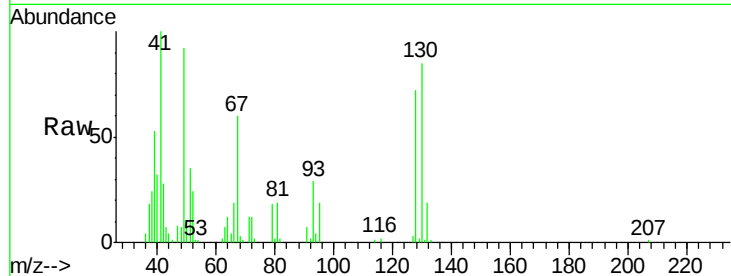
#41
Methacrylonitrile
Concen: 47.001 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	59.1	88.7#
52	0.0	25.4	38.0#

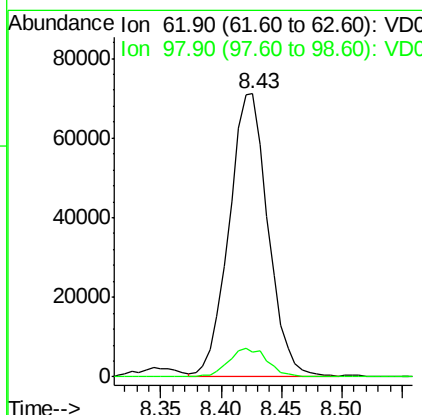
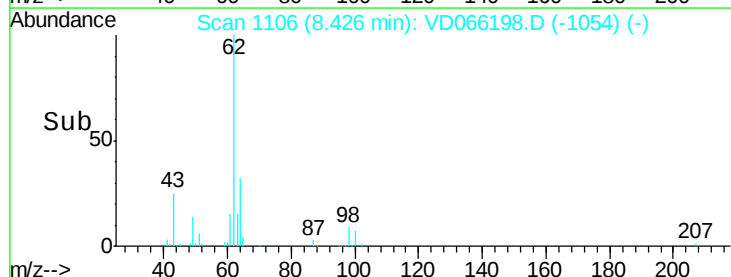
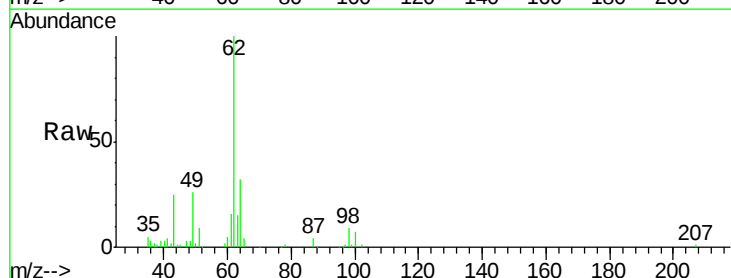
Manual Integrations
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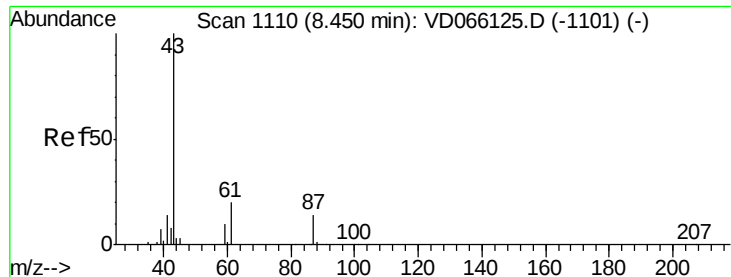
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#42
1,2-Dichloroethane
Concen: 52.141 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 50.012 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

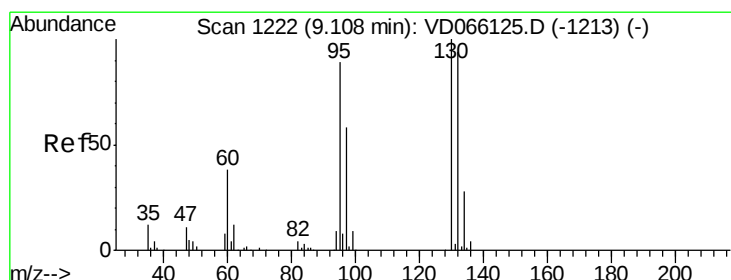
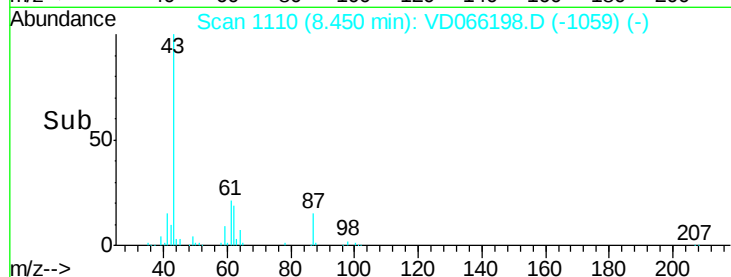
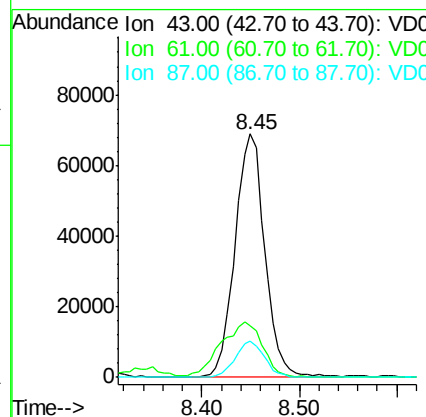
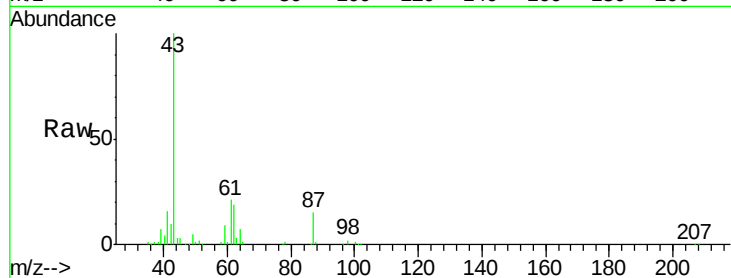
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	146565
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.5	38.3
87	14.7	11.2	16.8

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#44

Trichloroethene

Concen: 49.997 ug/l

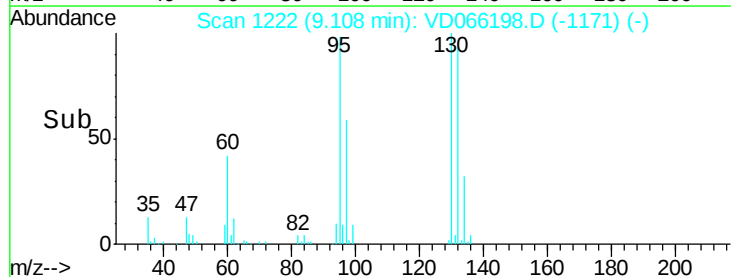
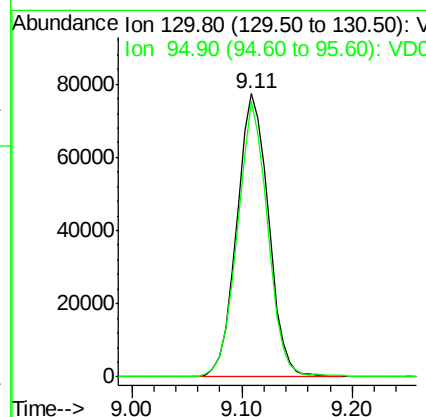
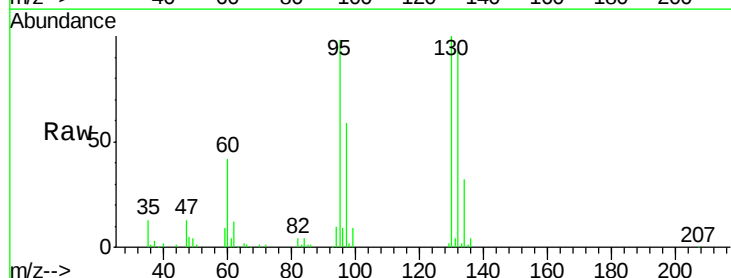
RT: 9.11 min Scan# 1222

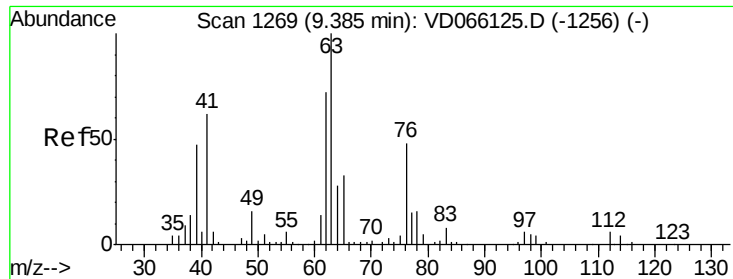
Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Tgt Ion:	130	Resp:	156895
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	178.4





#45

1,2-Dichloropropane

Concen: 51.955 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 132328

Ion Ratio Lower Upper

63 100

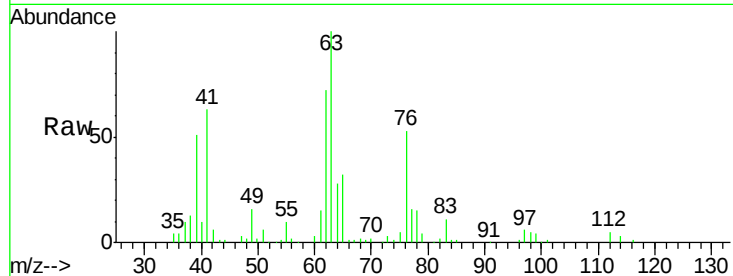
65 31.9 26.5 39.7

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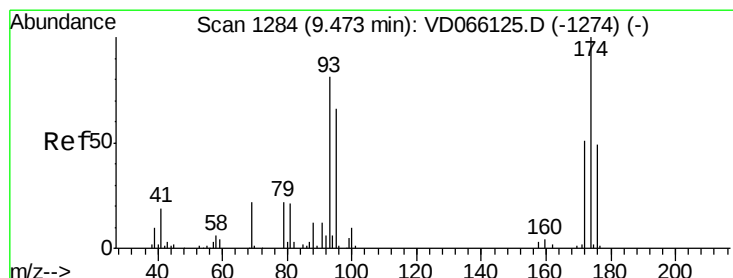
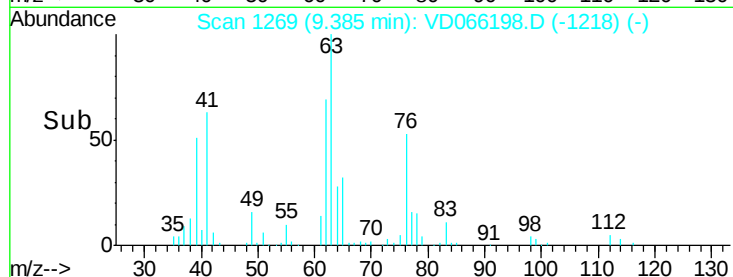
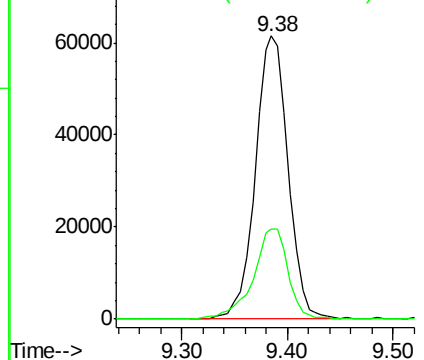
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.062 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

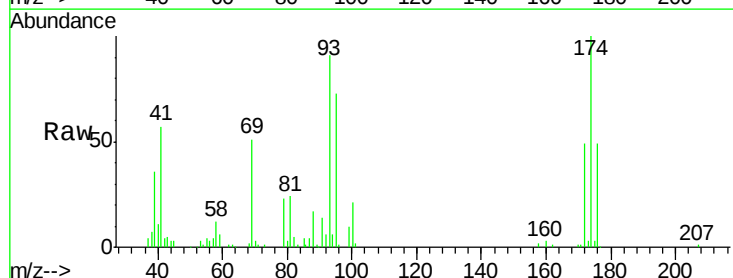
Tgt Ion: 93 Resp: 73040

Ion Ratio Lower Upper

93 100

95 85.8 65.8 98.6

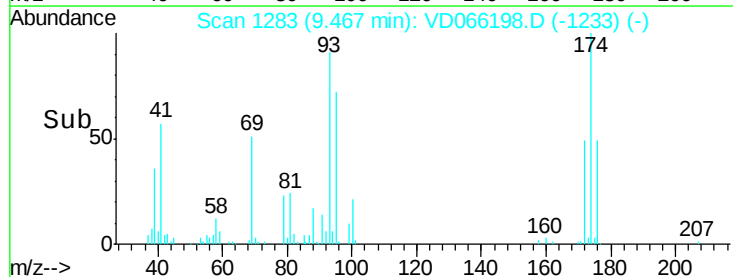
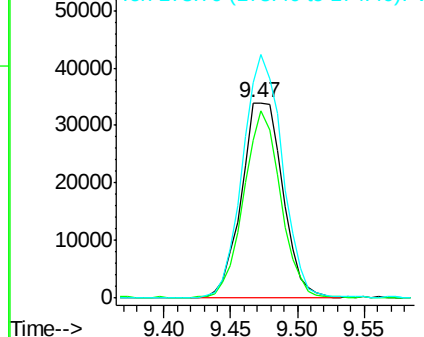
174 119.2 92.8 139.2

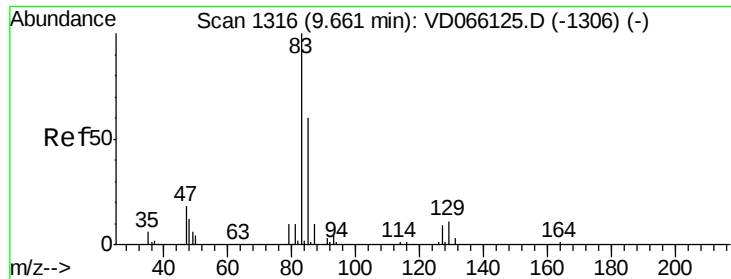


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





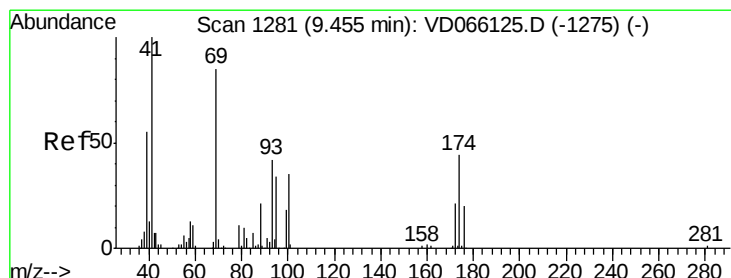
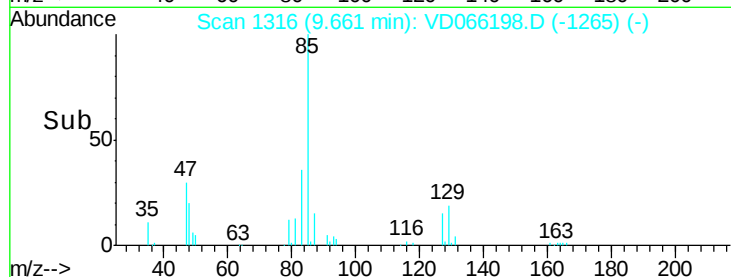
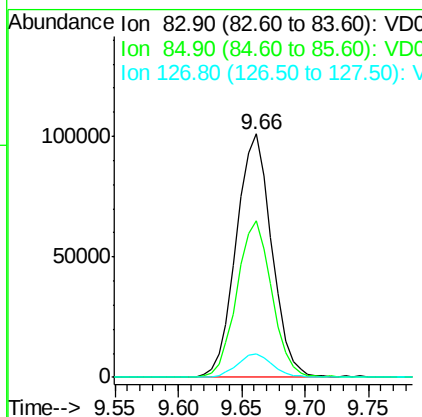
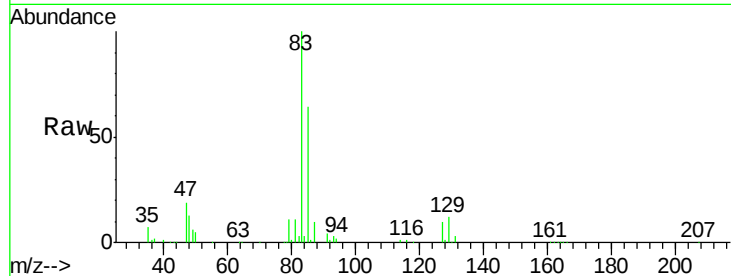
#47
Bromodichloromethane
Concen: 52.936 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	196285		
85	64.3	48.2	72.4	
127	9.6	7.3	10.9	

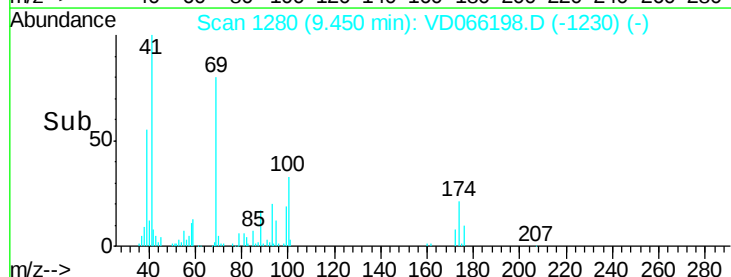
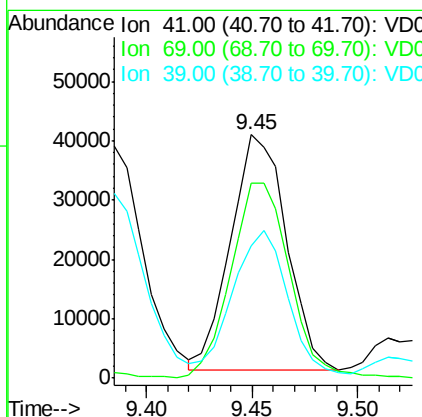
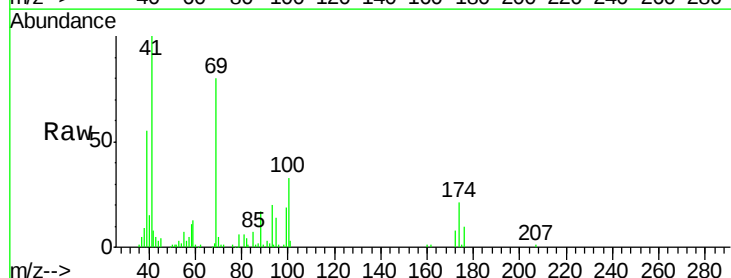
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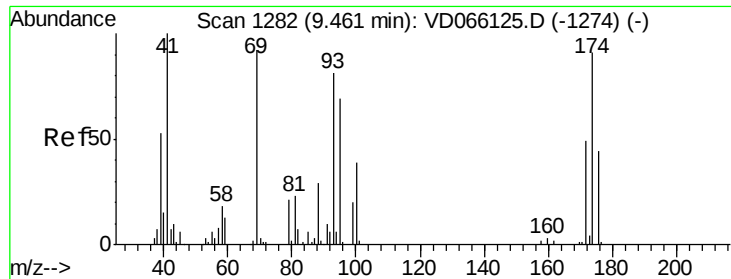
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#48
Methyl methacrylate
Concen: 48.385 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	72405		
69	87.9	63.9	95.9	
39	64.0	42.6	64.0#	





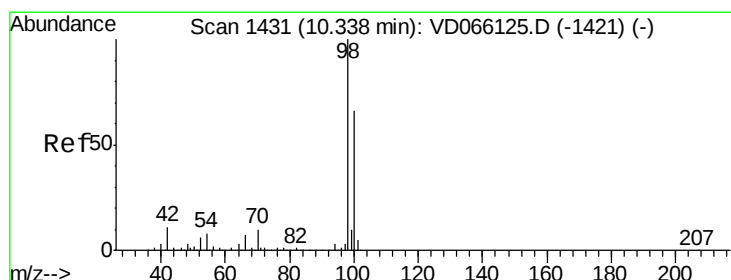
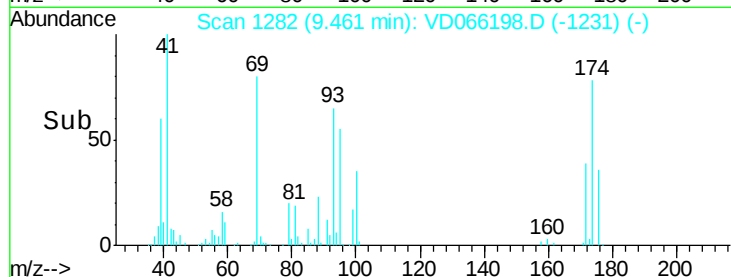
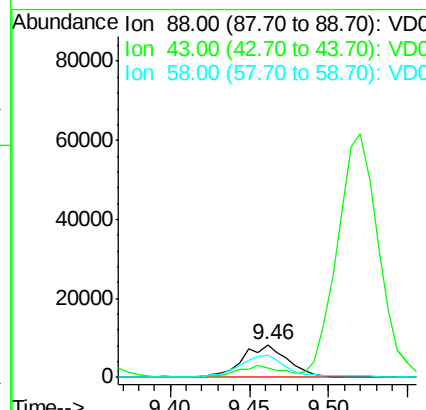
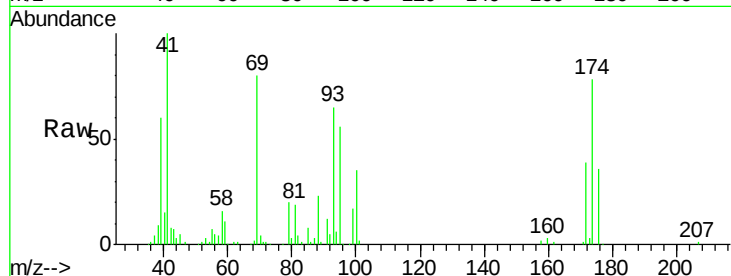
#49
1,4-Dioxane
Concen: 902.117 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.5	41.3
58	70.9	50.2	75.4

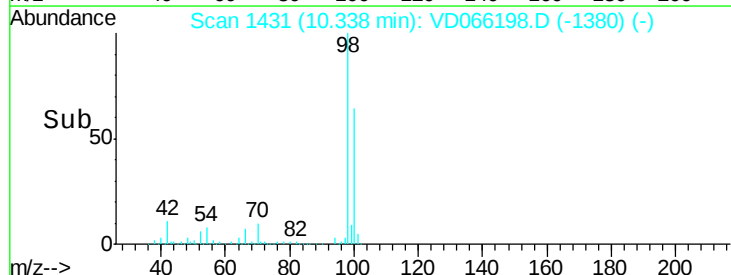
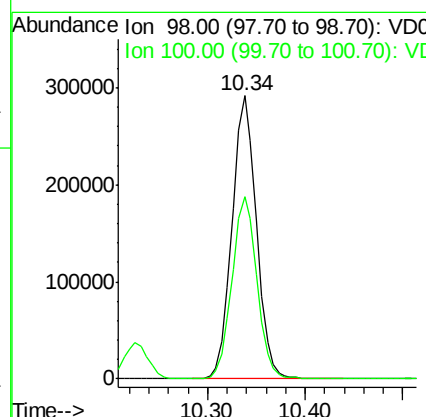
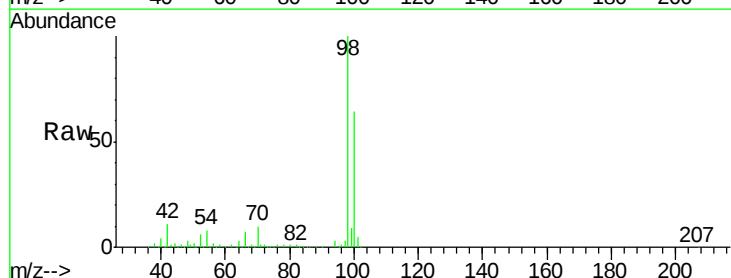
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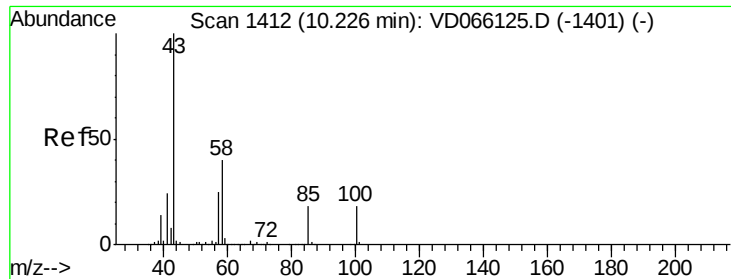
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#50
Toluene-d8
Concen: 54.192 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 253.013 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 380868

Ion Ratio Lower Upper

43 100

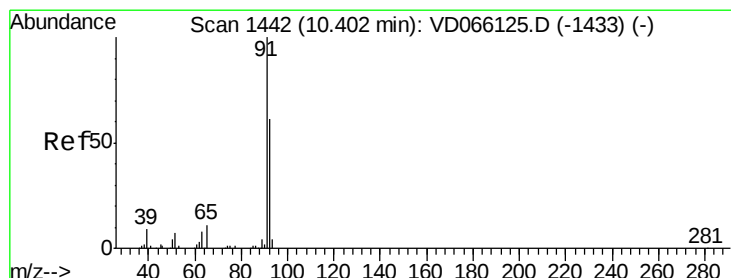
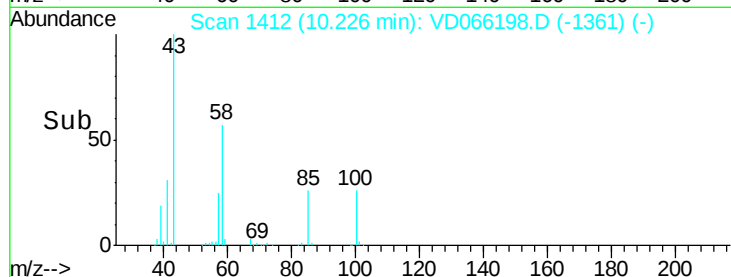
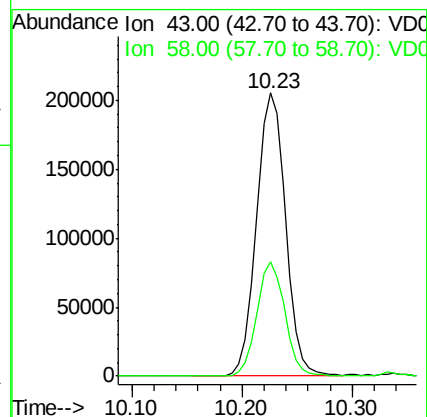
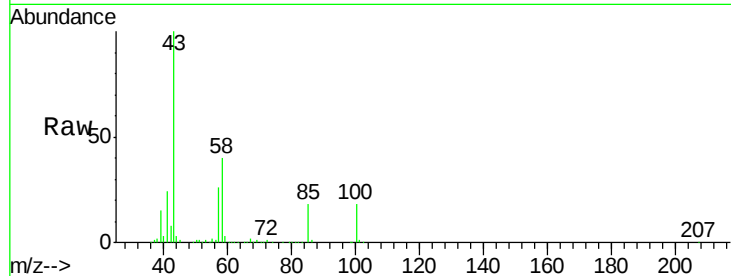
58 39.2 31.1 46.7

Manual Integrations

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#52

Toluene

Concen: 51.362 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066198.D

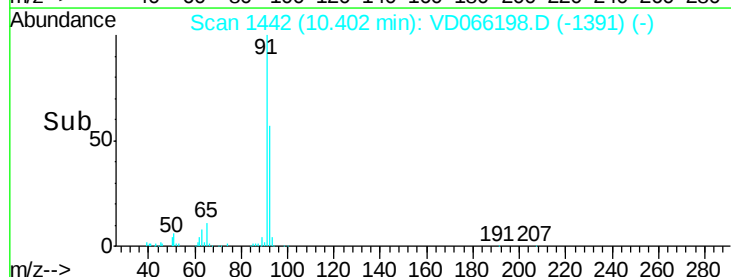
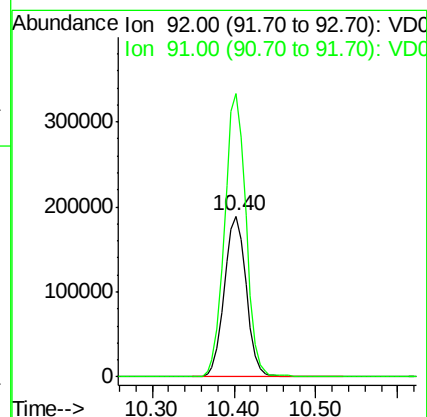
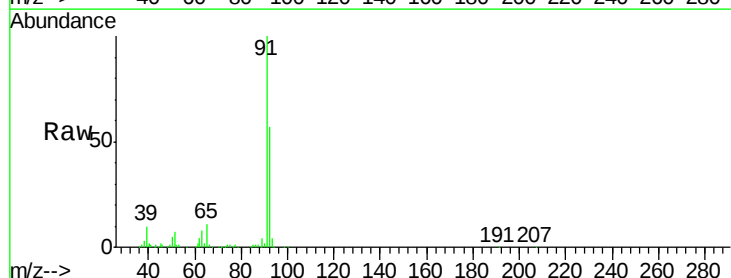
Acq: 11 Aug 2020 20:35

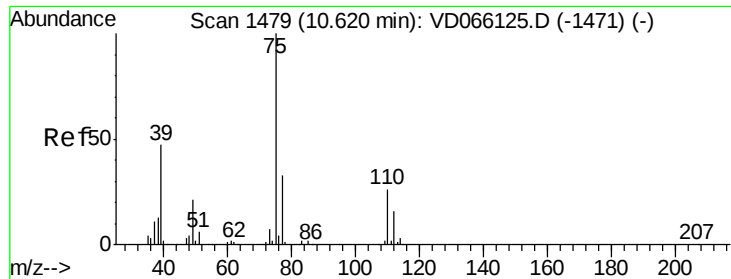
Tgt Ion: 92 Resp: 351964

Ion Ratio Lower Upper

92 100

91 172.7 135.2 202.8





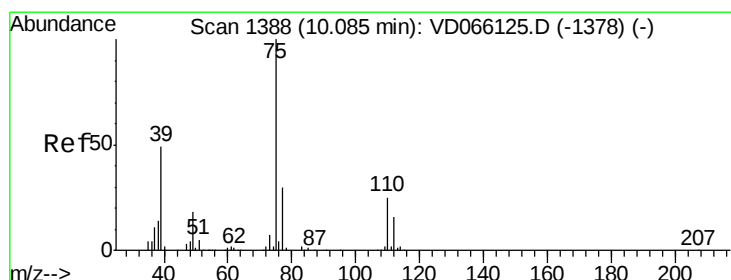
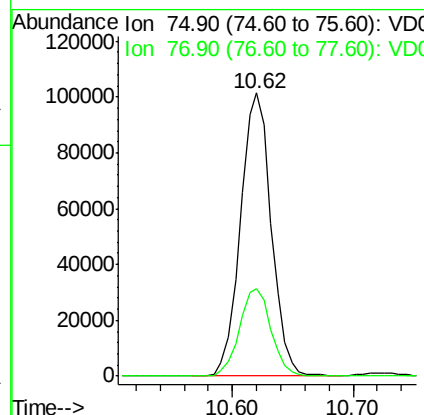
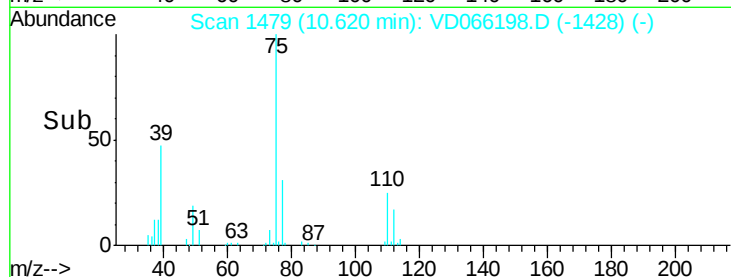
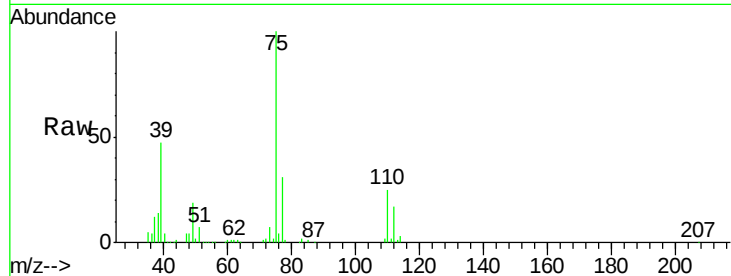
#53
 t-1,3-Dichloropropene
 Concen: 51.375 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.2

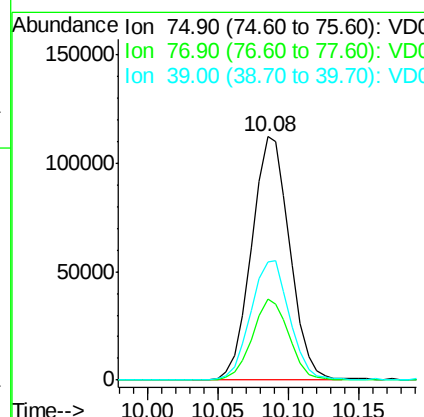
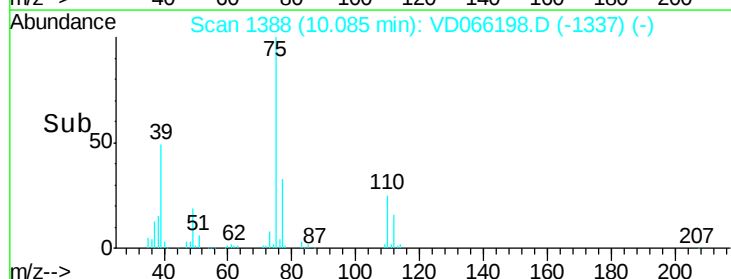
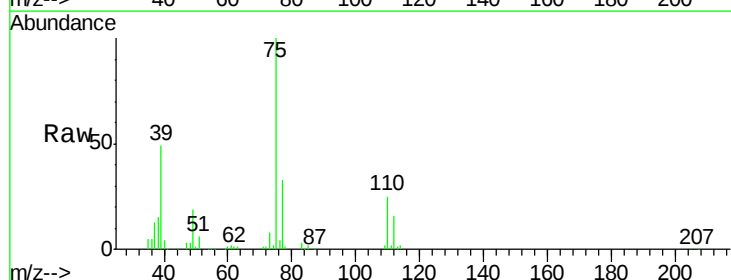
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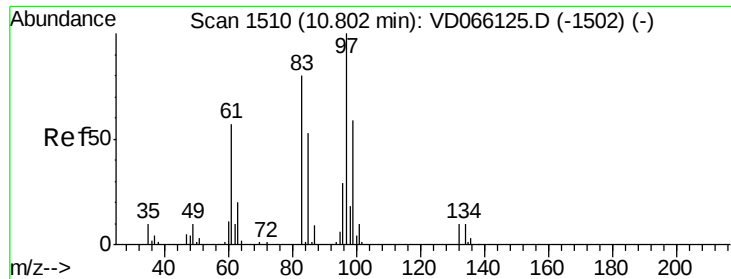
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#54
 cis-1,3-Dichloropropene
 Concen: 51.547 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.3	36.5
39	48.8	39.3	58.9





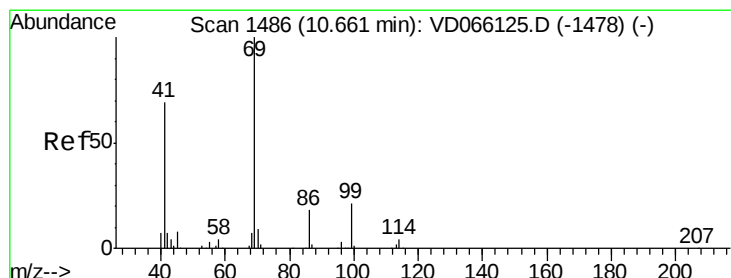
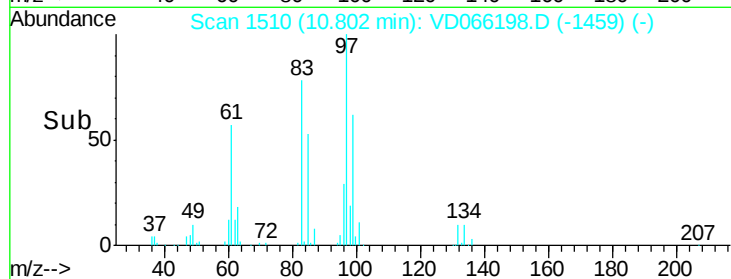
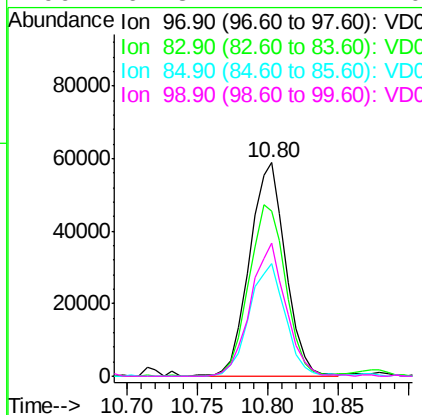
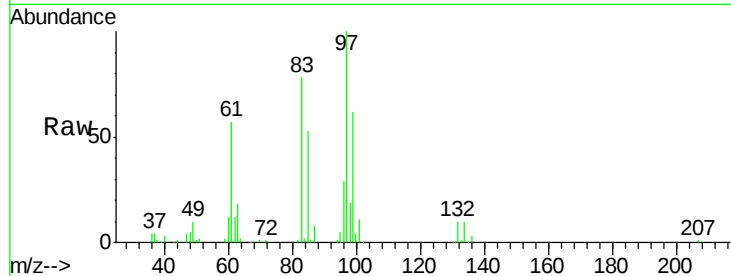
#55
 1,1,2-Trichloroethane
 Concen: 52.342 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	105740
Ion	Ratio	Lower	Upper
97	100		
83	77.6	63.9	95.9
85	52.7	42.5	63.7
99	62.3	47.4	71.0

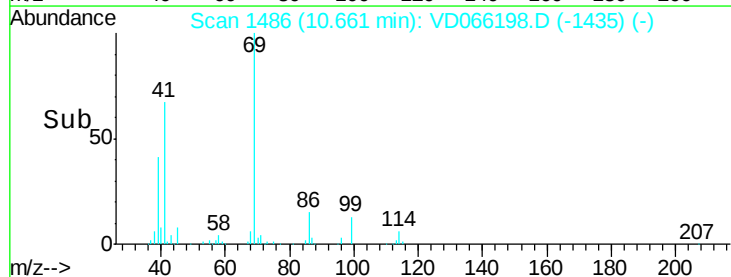
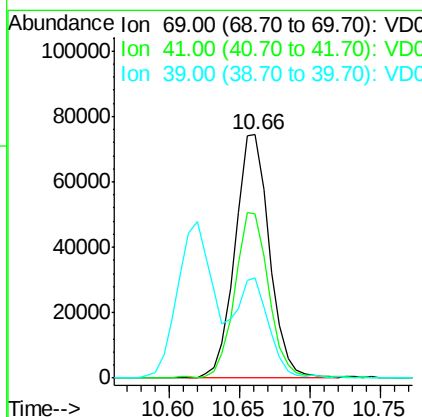
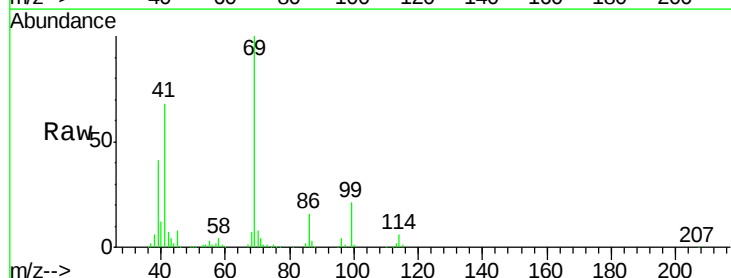
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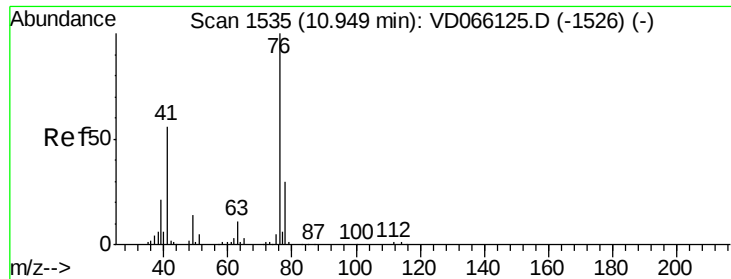
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#56
 Ethyl methacrylate
 Concen: 52.216 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion:	69	Resp:	126719
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.1	81.1
39	36.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.055 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 174582

Ion Ratio Lower Upper

76 100

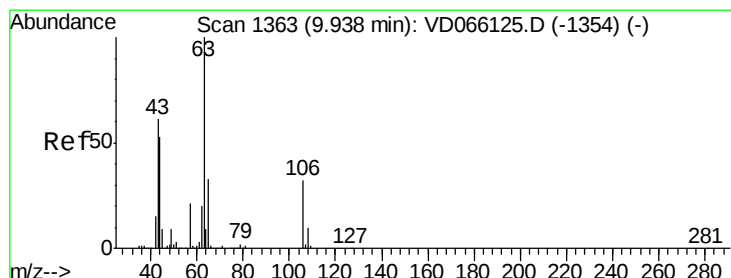
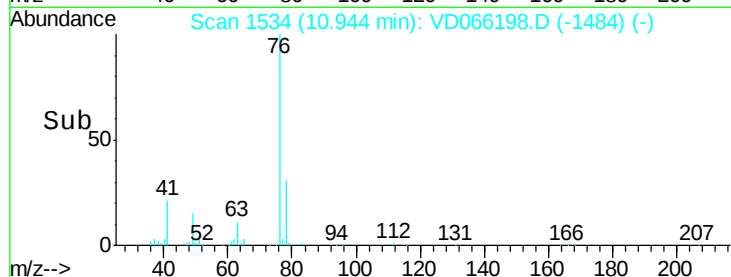
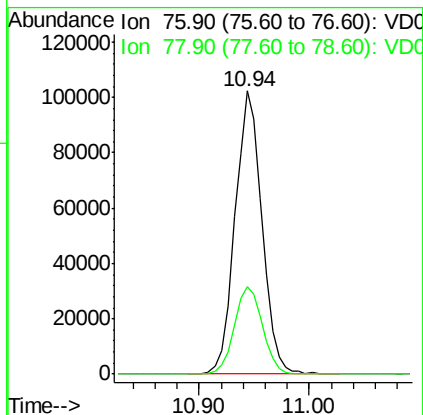
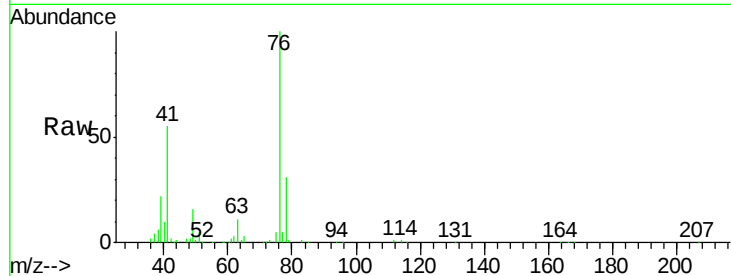
78 32.4 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 289.781 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066198.D

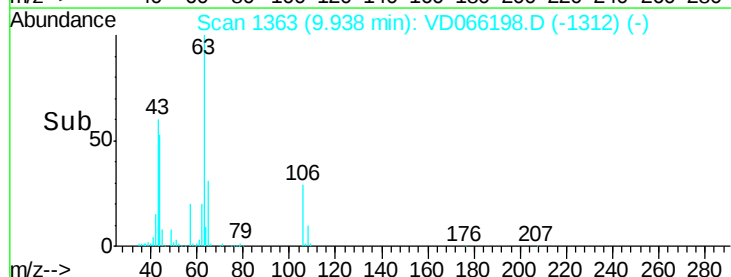
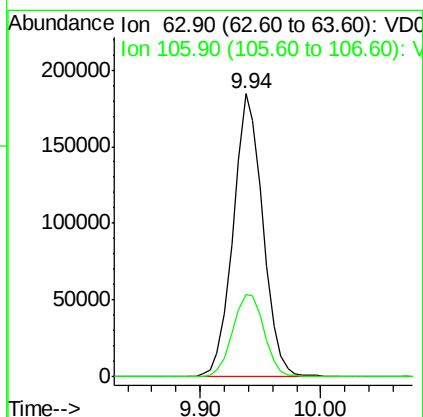
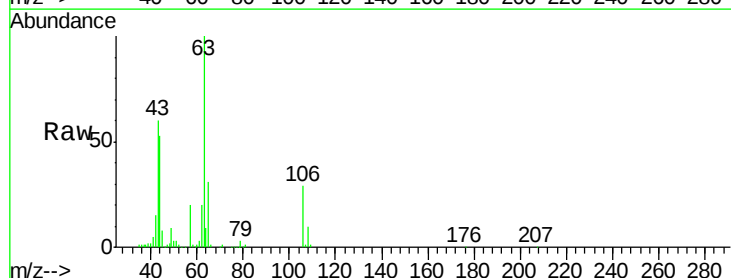
Acq: 11 Aug 2020 20:35

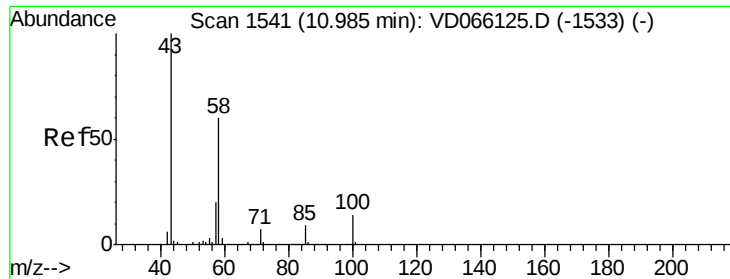
Tgt Ion: 63 Resp: 316328

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9





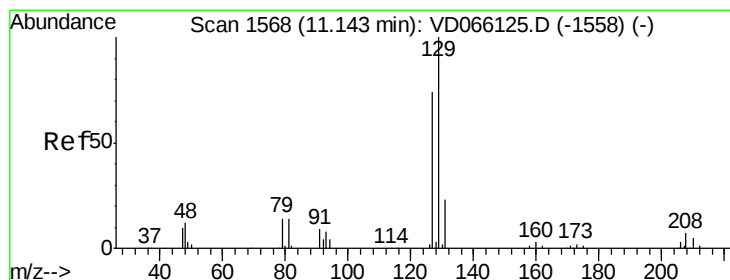
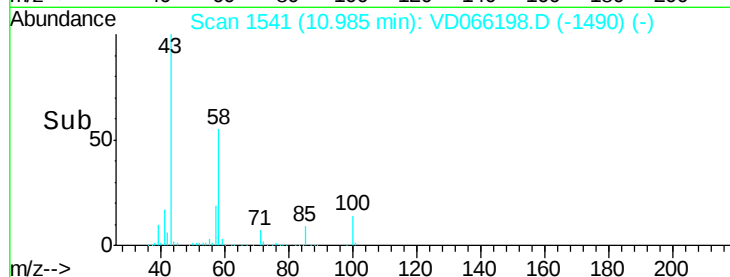
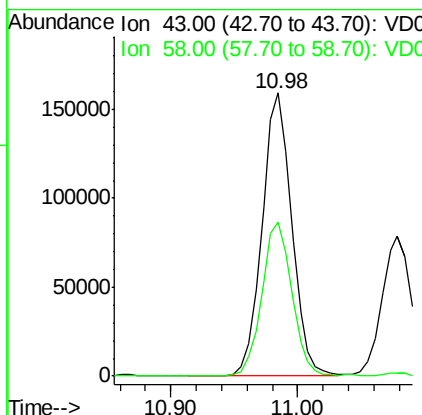
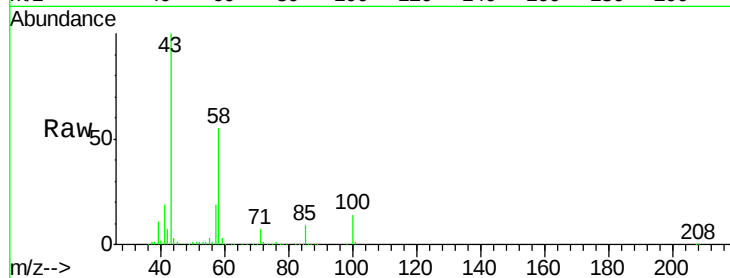
#59
2-Hexanone
Concen: 245.659 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	259531
Ion Ratio	43	100	
Lower	58	54.9	27.8
Upper			83.4

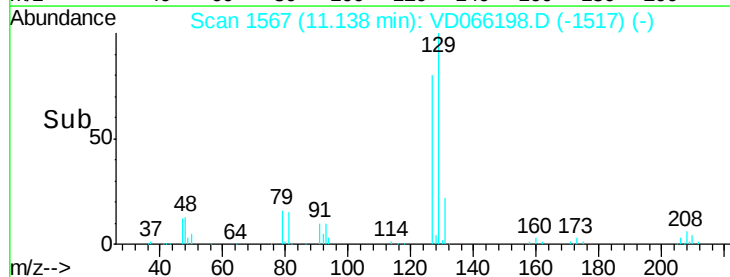
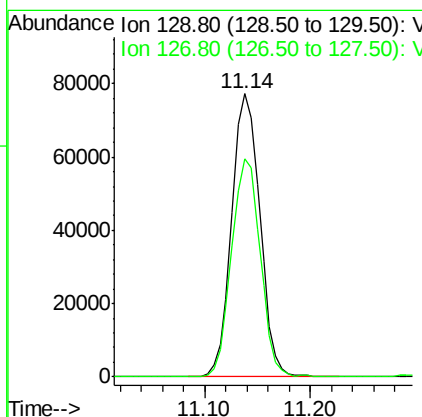
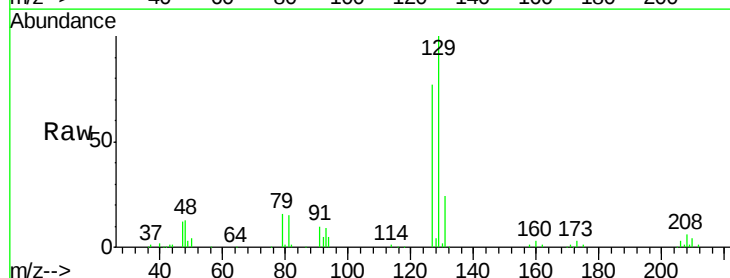
Manual Integrations
APPROVED

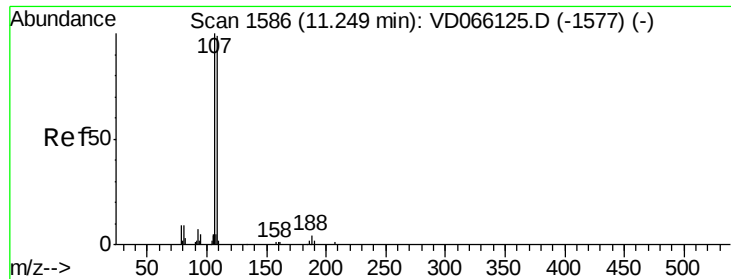
MMDadoda
8/12/2020 3:57:46 PM



#60
Dibromochloromethane
Concen: 51.252 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	129	Resp	142941
Ion Ratio	129	100	
Lower	127	78.3	38.0
Upper			114.1





#61

1,2-Dibromoethane

Concen: 52.221 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 101455

Ion Ratio Lower Upper

107 100

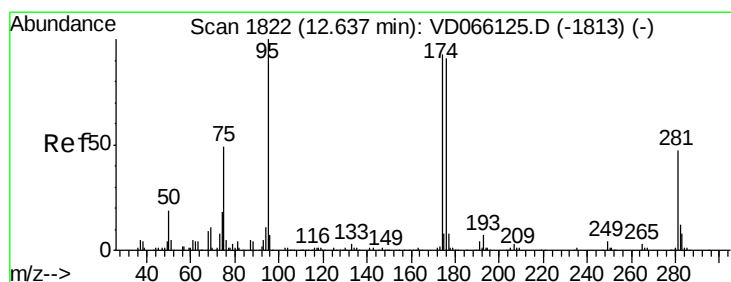
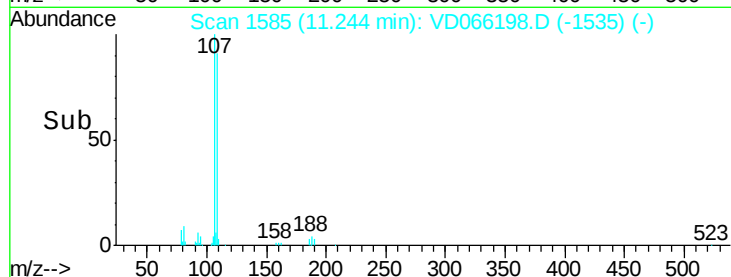
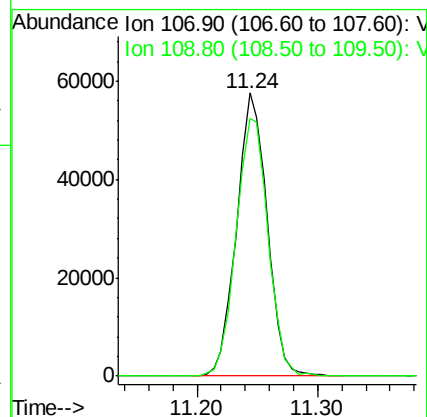
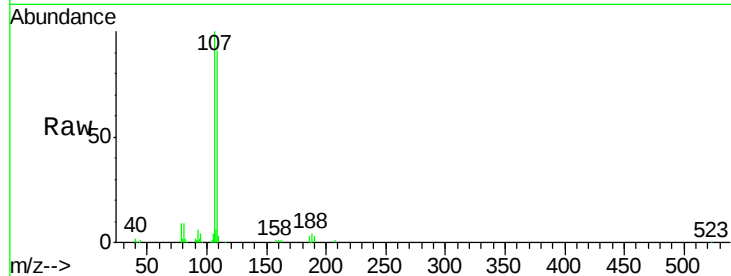
109 95.4 76.5 114.7

Manual Integrations

APPROVED

MMDadoda

8/12/2020 3:57:46 PM



#62

4-Bromofluorobenzene

Concen: 53.650 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

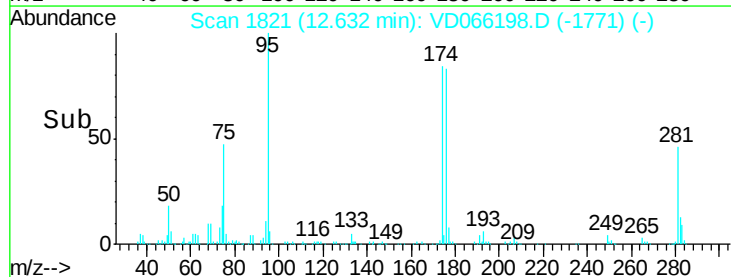
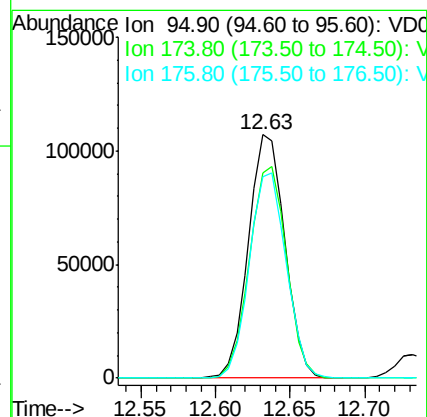
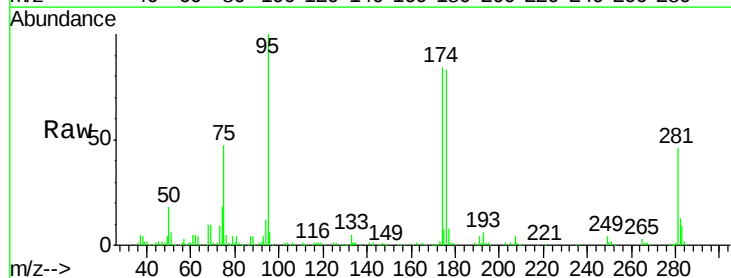
Tgt Ion: 95 Resp: 180605

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.8

176 85.5 0.0 181.2





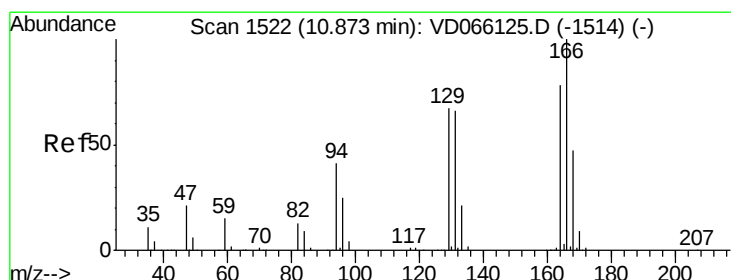
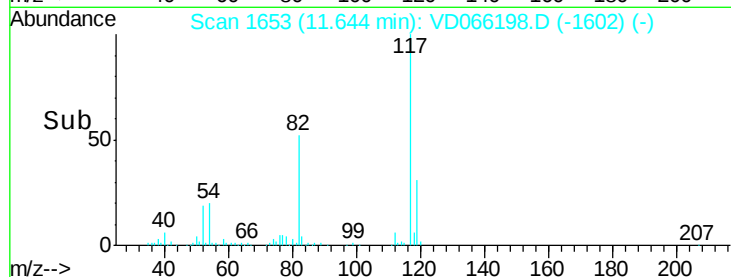
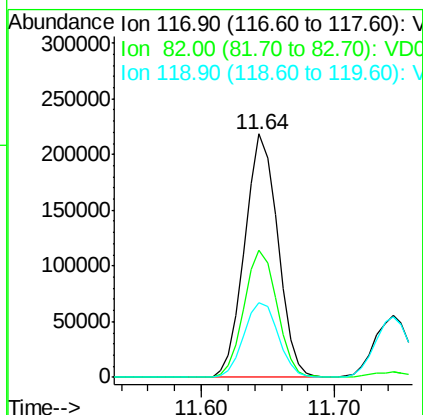
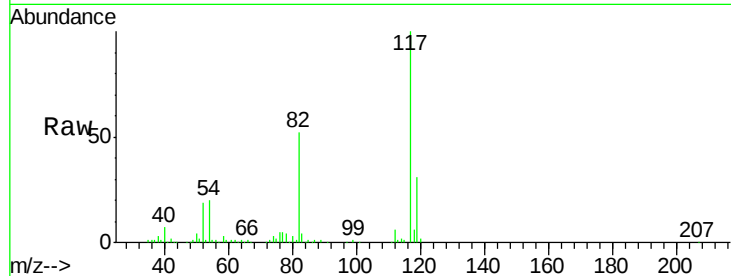
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	30.8	26.1	39.1

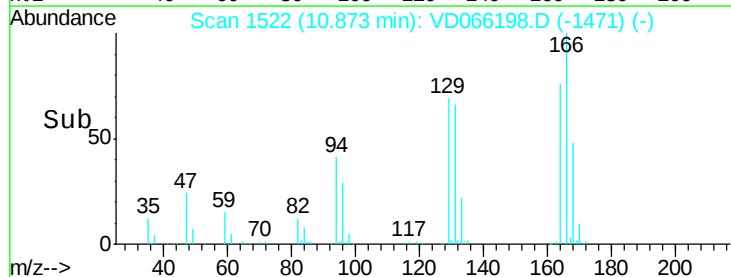
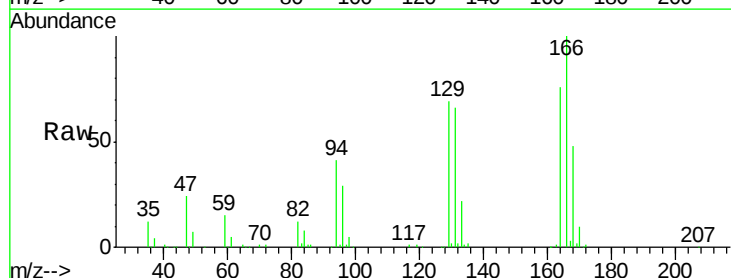
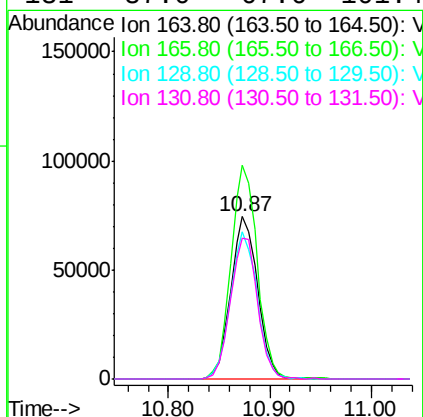
Manual Integrations
APPROVED

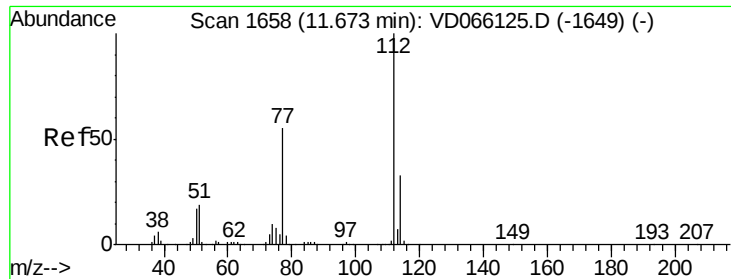
MMDadoda
8/12/2020 3:57:46 PM



#64
Tetrachloroethene
Concen: 47.769 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.7	101.9	152.9
129	90.9	68.1	102.1
131	87.0	67.6	101.4





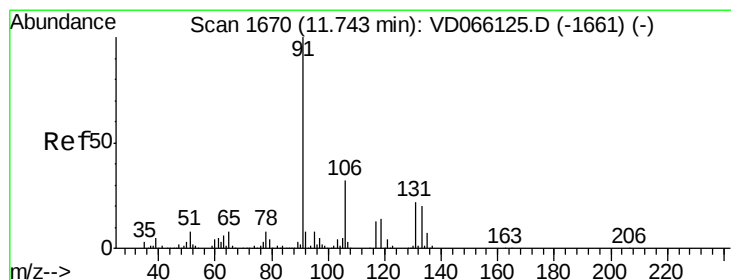
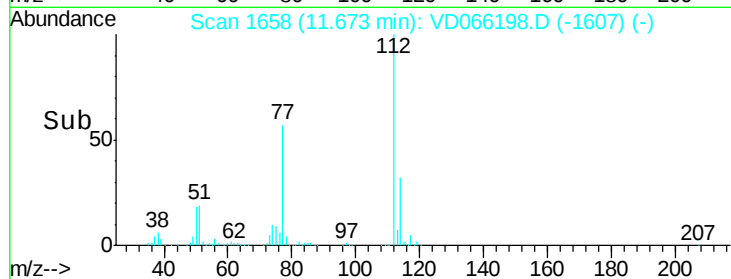
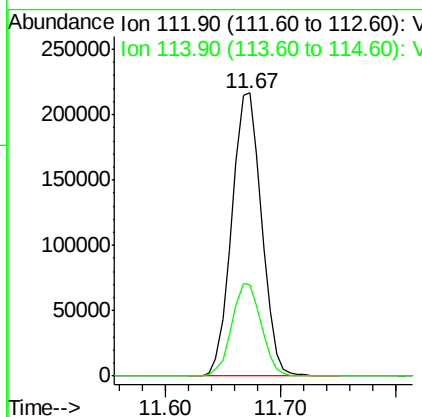
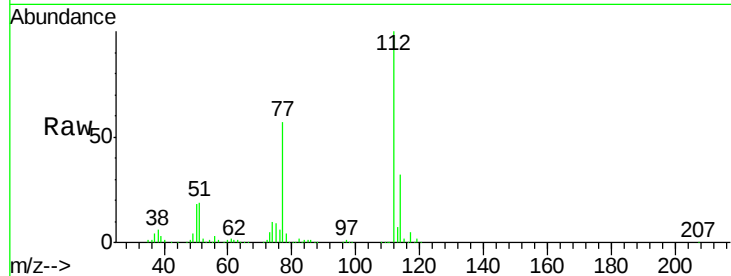
#65
Chlorobenzene
Concen: 50.991 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	387571		
114	32.3	26.1	39.1	

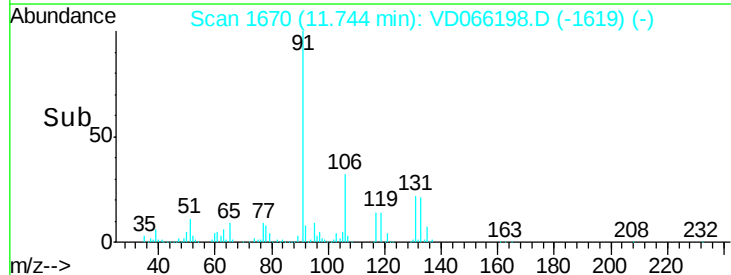
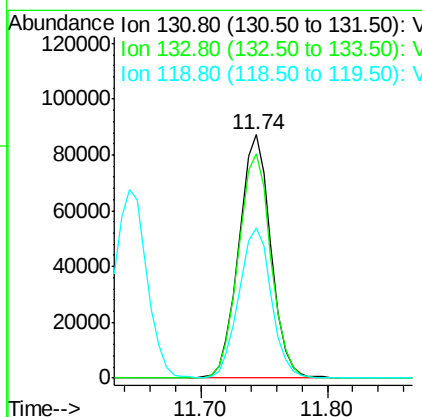
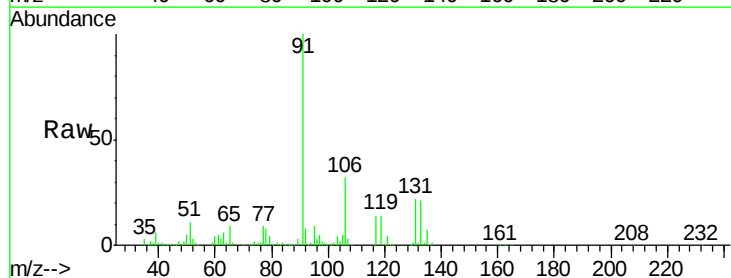
Manual Integrations
APPROVED

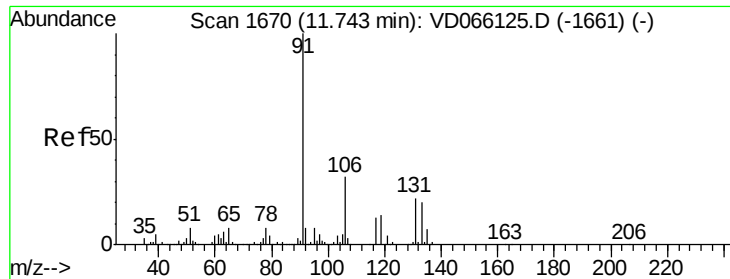
MMDadoda
8/12/2020 3:57:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.357 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	152732		
133	94.0	47.1	141.4	
119	62.7	31.6	94.7	





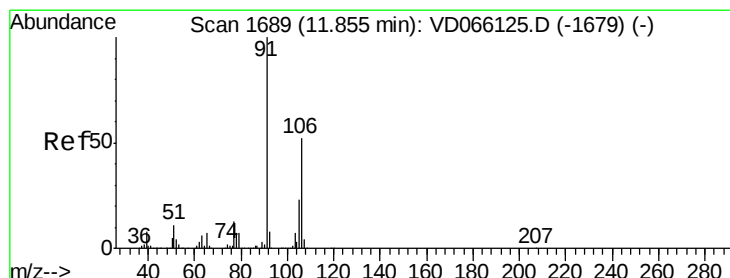
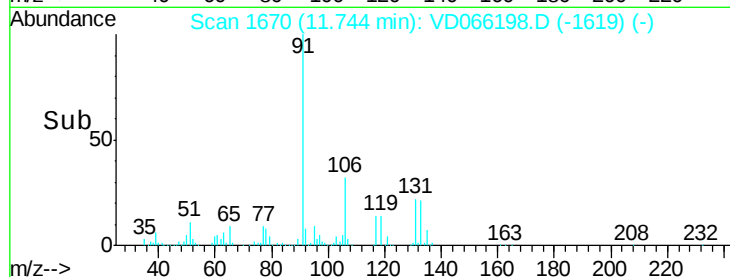
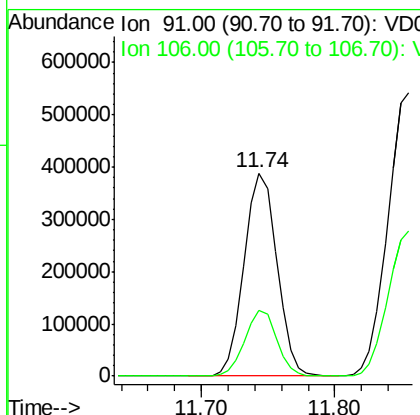
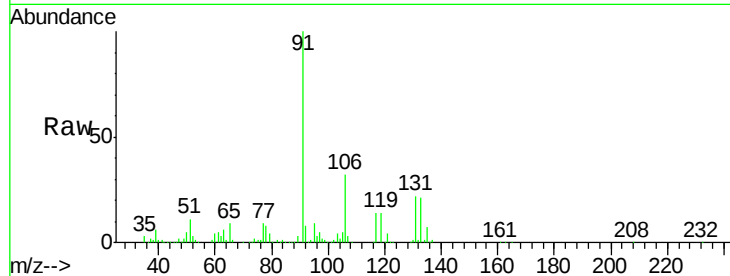
#67
Ethyl Benzene
Concen: 50.258 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.7	38.5

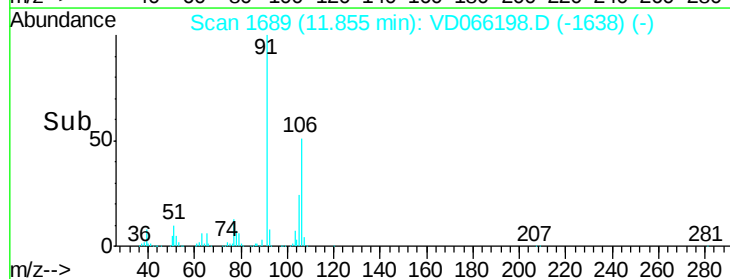
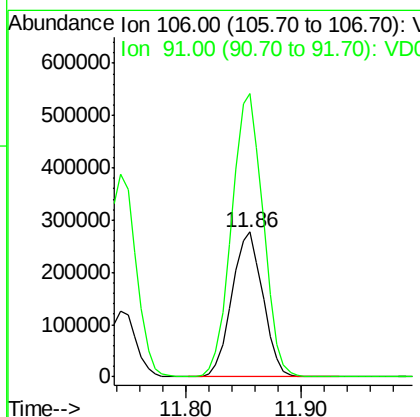
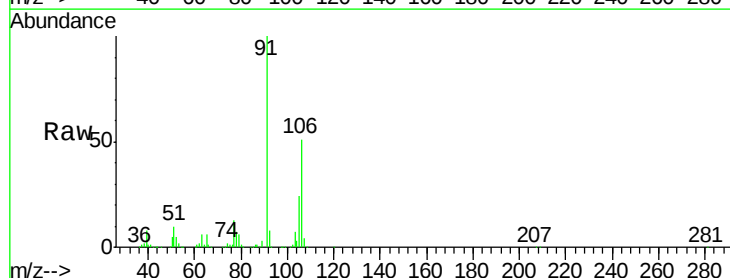
Manual Integrations
APPROVED

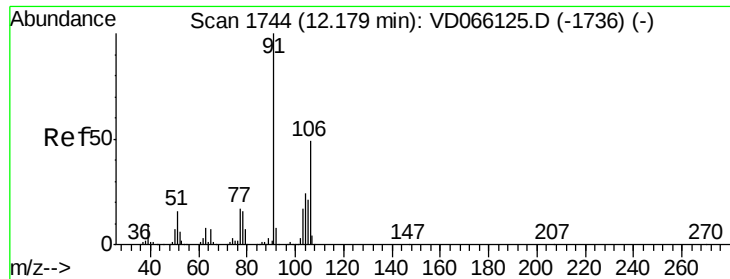
MMDadoda
8/12/2020 3:57:46 PM



#68
m/p-Xylenes
Concen: 101.349 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.8	156.6	235.0





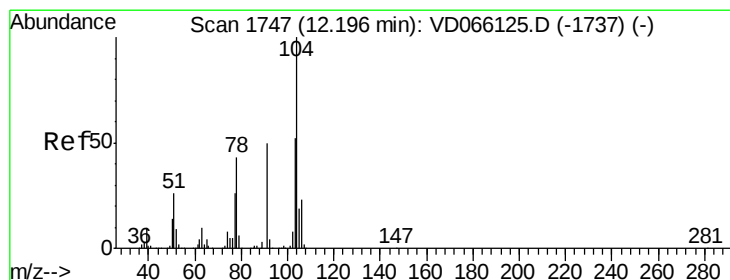
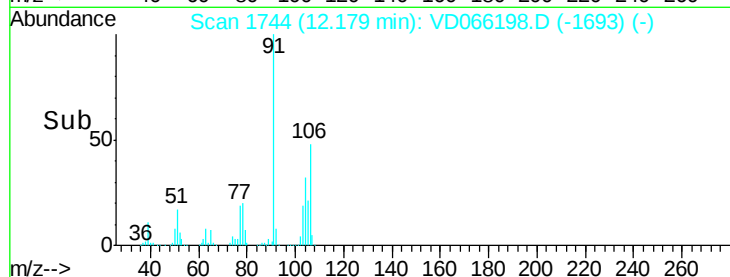
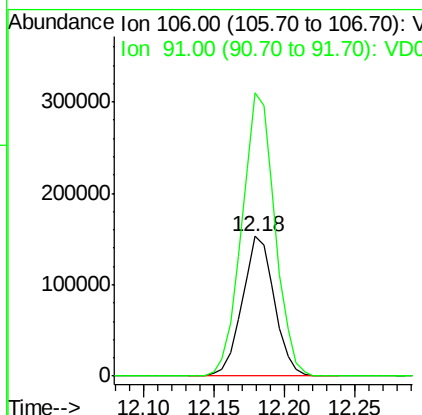
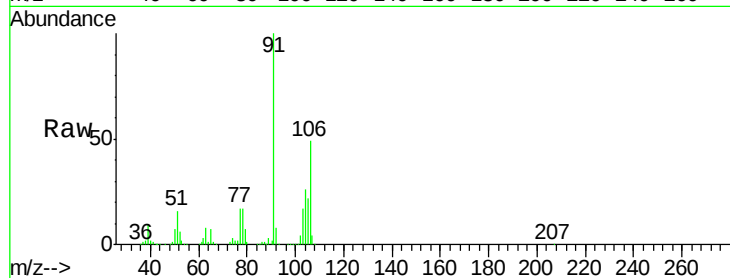
#69
o-Xylene
Concen: 52.459 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		243521		
91	208.1	105.7	317.1		

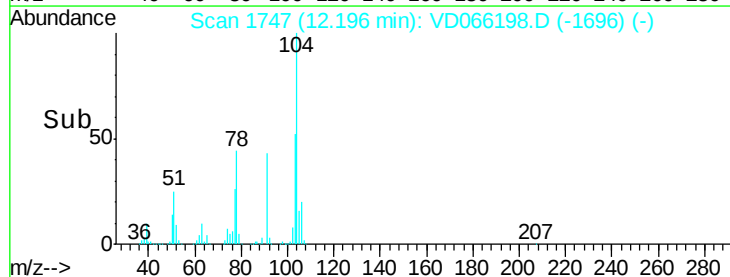
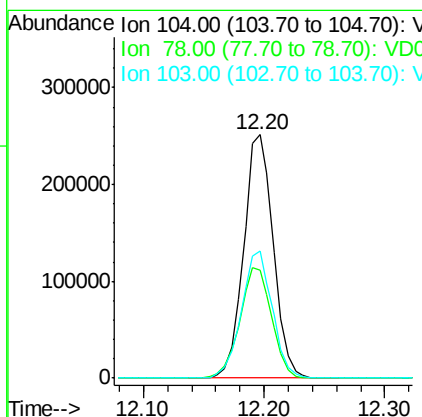
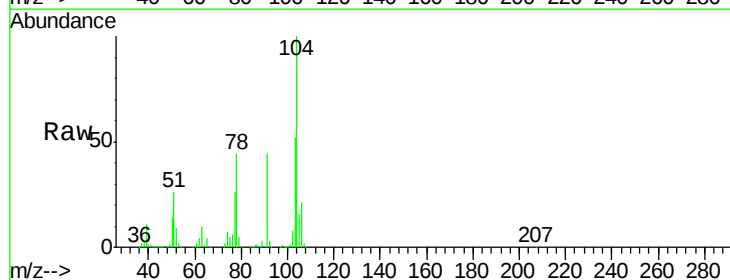
Manual Integrations
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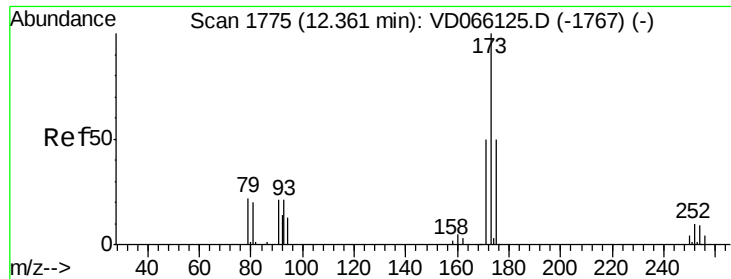
MMDadoda
8/12/2020 3:57:46 PM



#70
Styrene
Concen: 52.712 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		428838		
78	48.7	38.6	58.0		
103	54.2	44.1	66.1		





#71

Bromoform

Concen: 49.096 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 86507

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

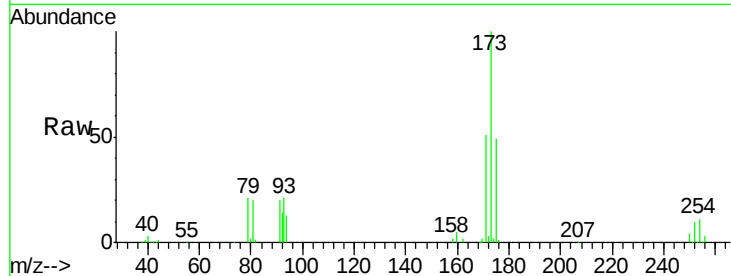
254 0.1 0.2 0.2#

Manual Integrations

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MMDadoda

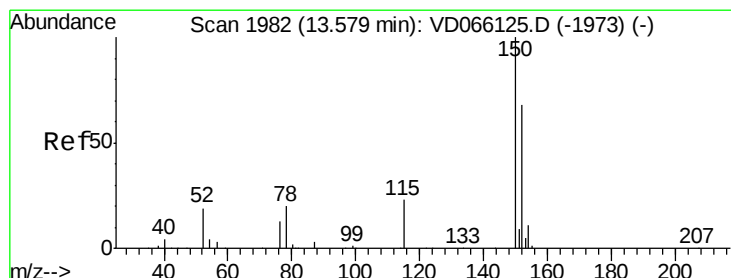
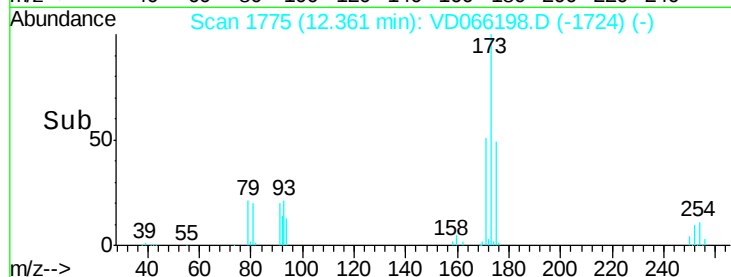
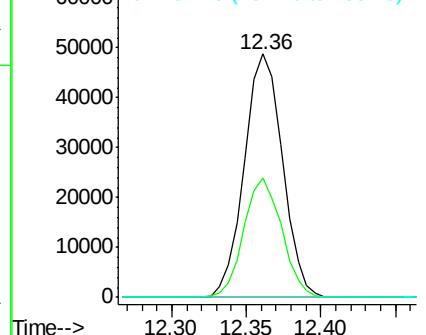
8/12/2020 3:57:46 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

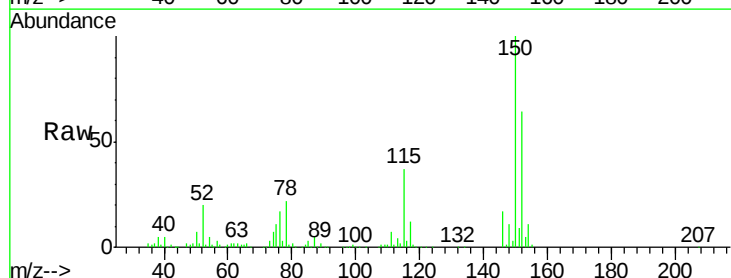
Tgt Ion:152 Resp: 188160

Ion Ratio Lower Upper

152 100

115 57.4 28.0 83.9

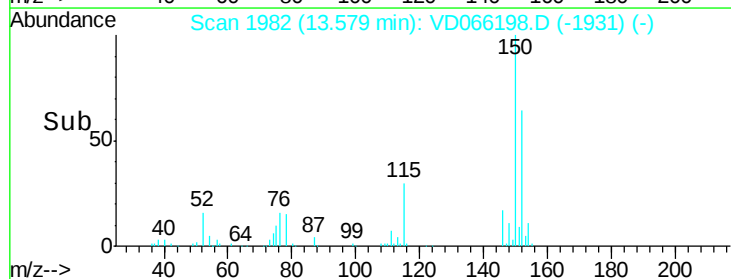
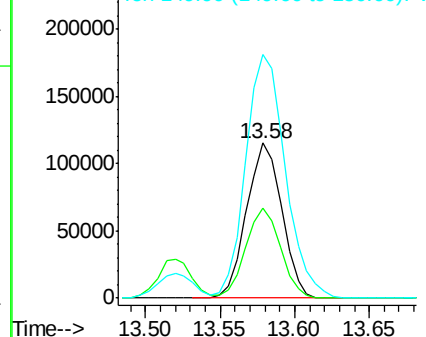
150 176.6 0.0 346.4

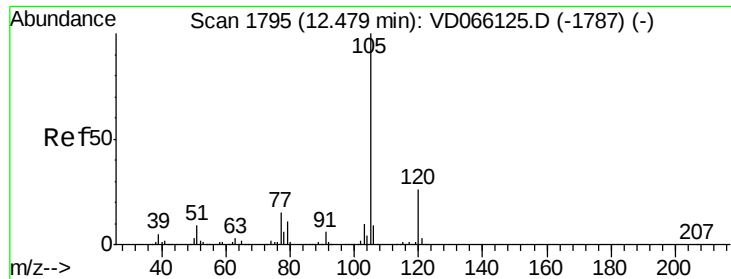


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





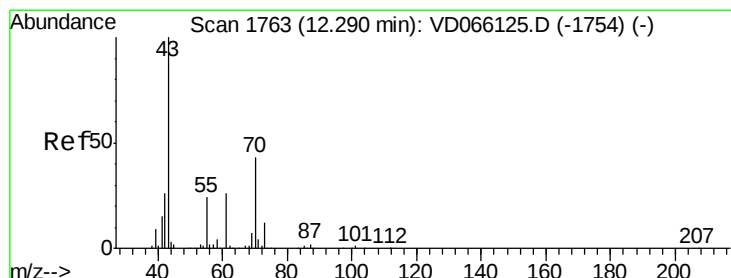
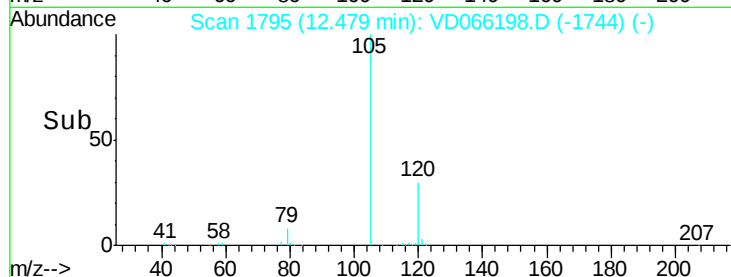
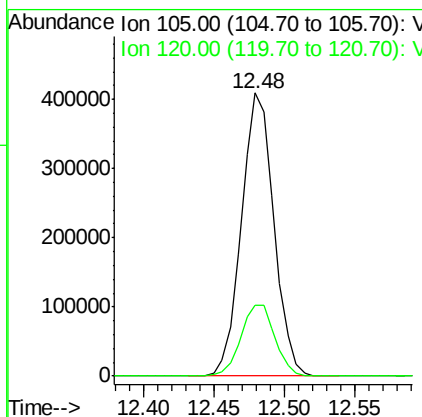
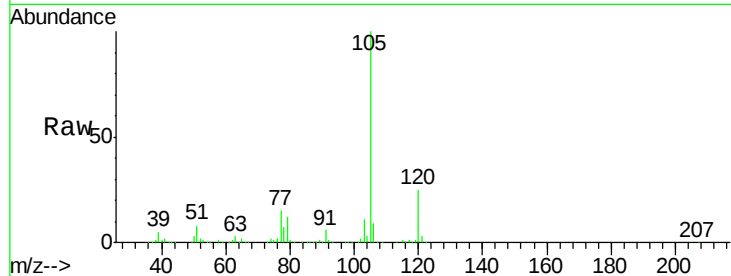
#73
Isopropylbenzene
Concen: 52.412 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9

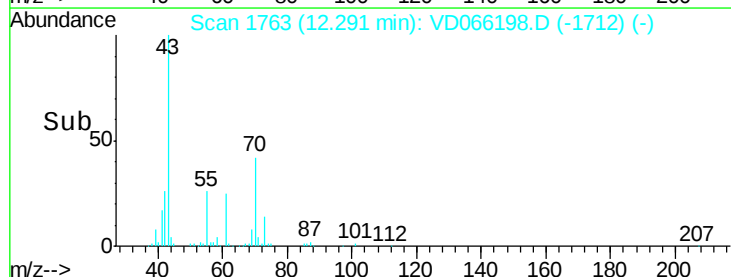
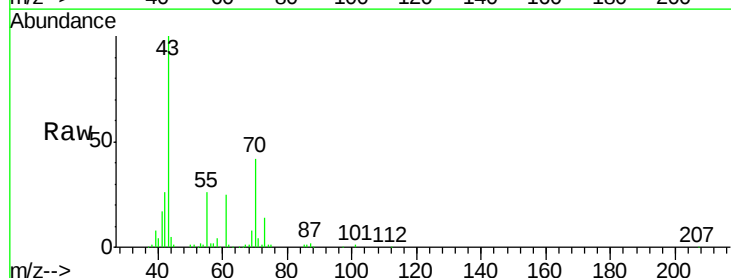
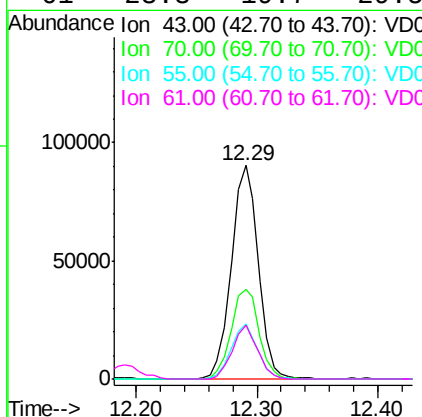
Manual Integrations
APPROVED

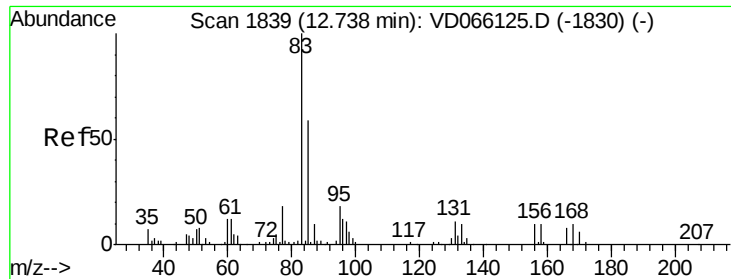
MMDadoda
8/12/2020 3:57:46 PM



#74
N-ethyl acetate
Concen: 50.637 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	34.9	52.3
55	25.0	19.2	28.8
61	23.3	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.606 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

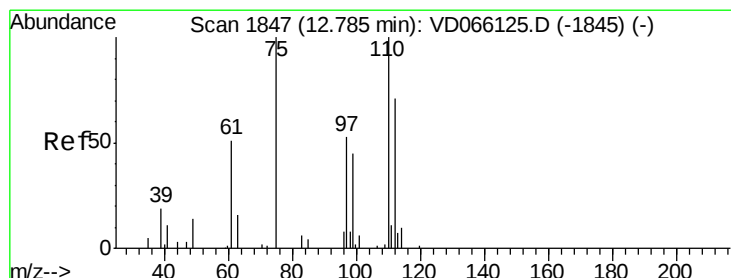
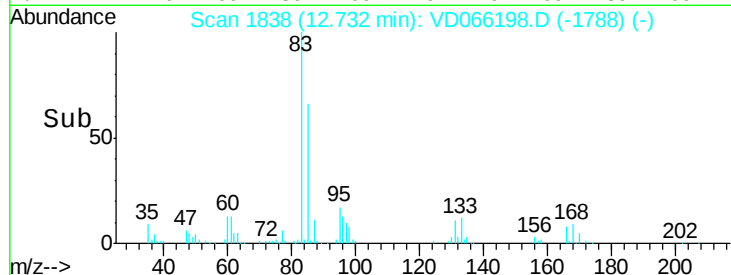
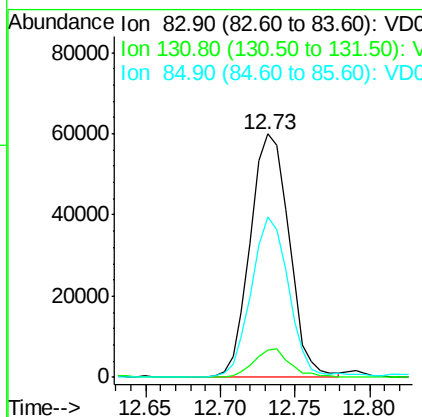
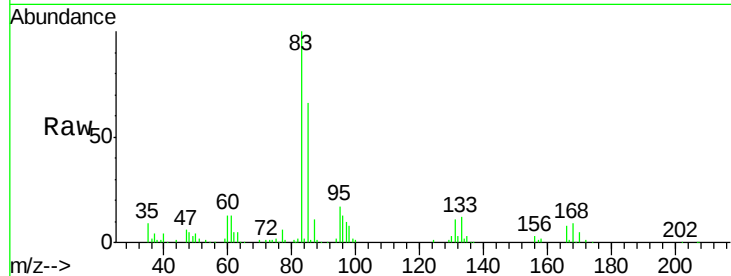
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	108384
Ion Ratio	Lower	Upper	
83	100		
131	11.0	6.2	18.6
85	64.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.500 ug/l m

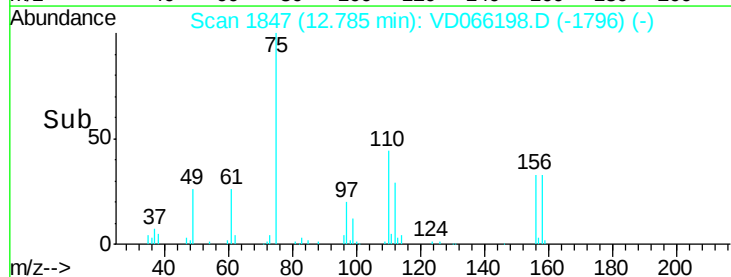
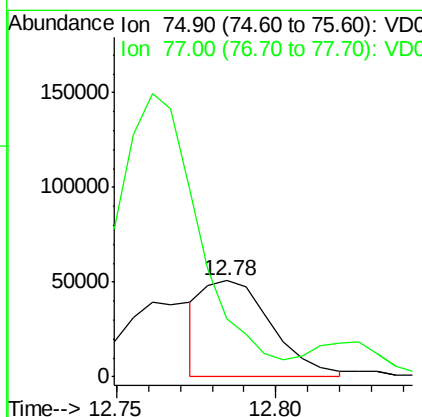
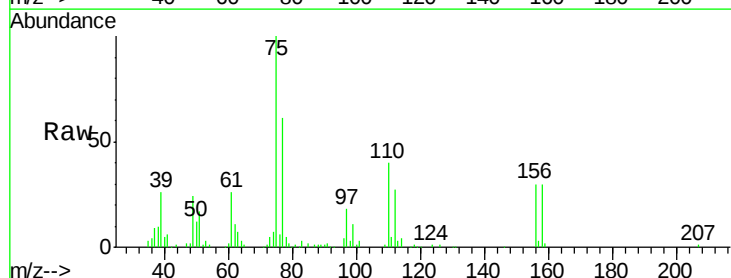
RT: 12.78 min Scan# 1847

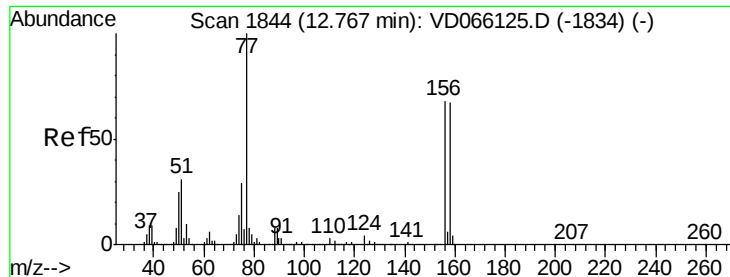
Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Tgt Ion:	75	Resp:	76102
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.280 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

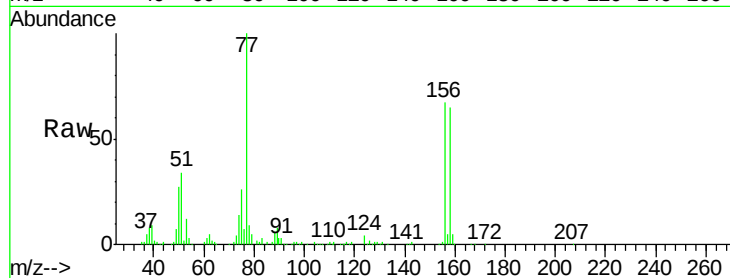
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	169033
Ion Ratio	Lower	Upper	
156	100		
77	163.1	81.0	243.1
158	98.2	48.8	146.3

Manual Integrations
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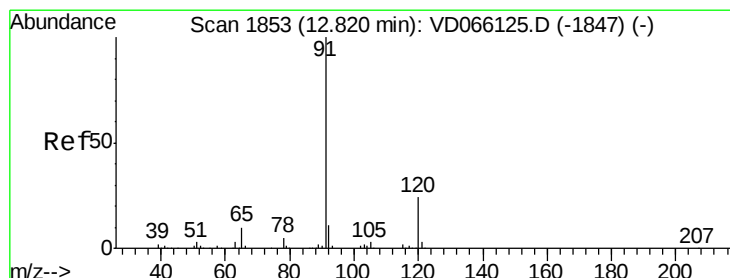
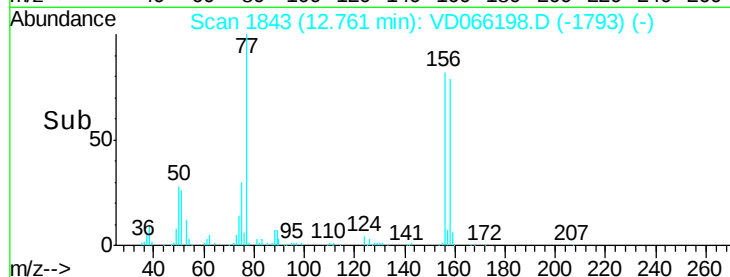
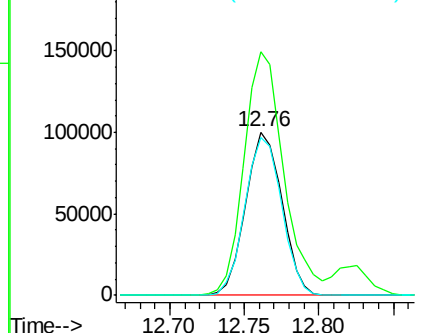
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.236 ug/l

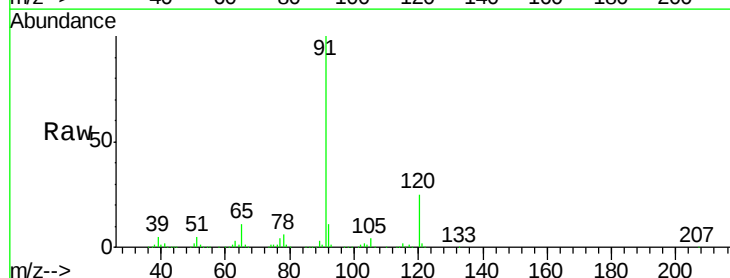
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066198.D

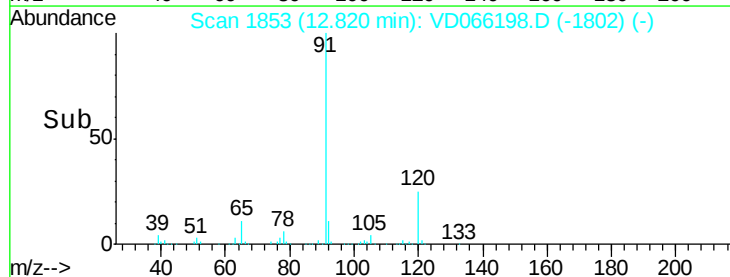
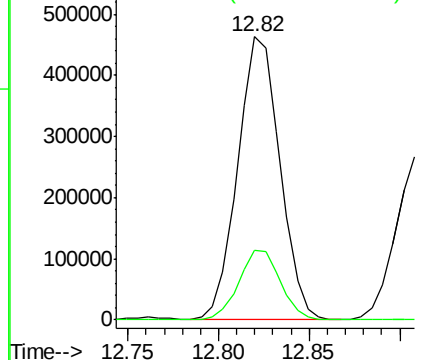
Acq: 11 Aug 2020 20:35

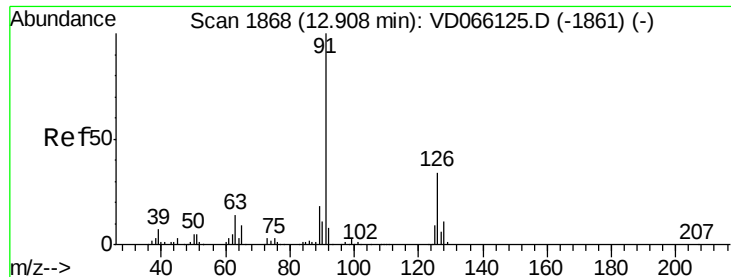
Tgt Ion:	91	Resp:	748059
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





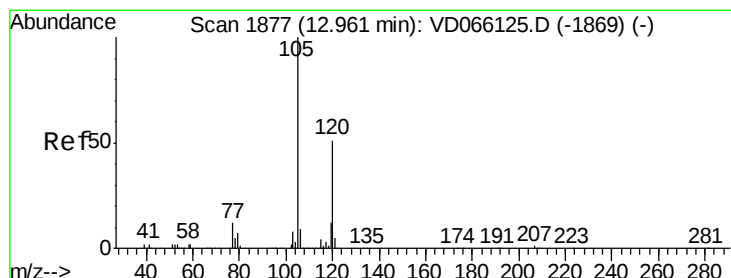
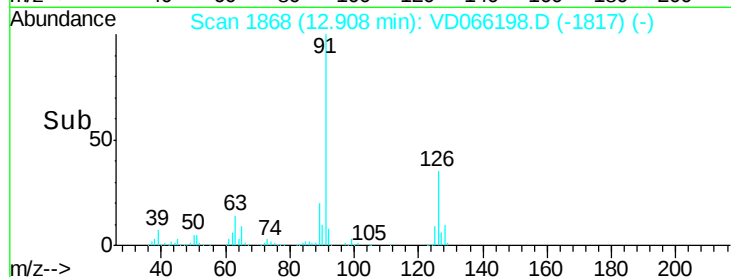
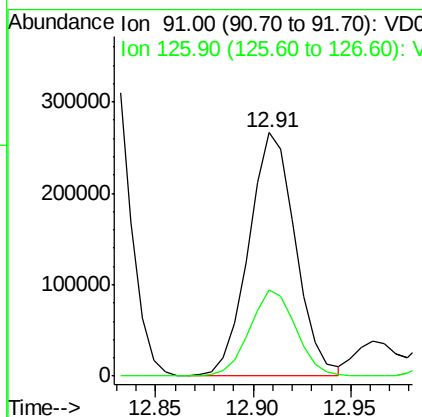
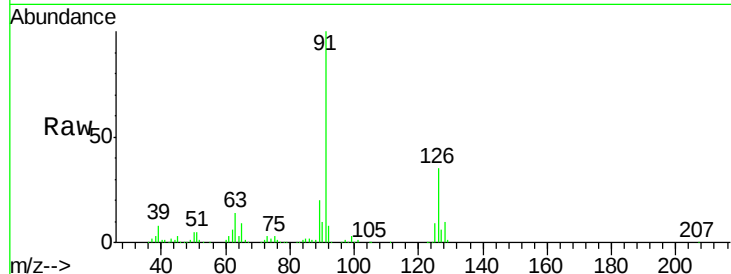
#79
 2-Chlorotoluene
 Concen: 52.807 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 440959
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.6

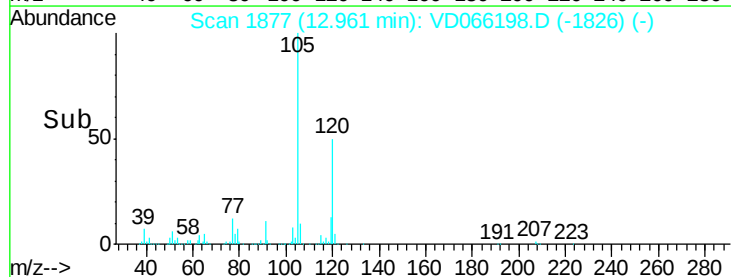
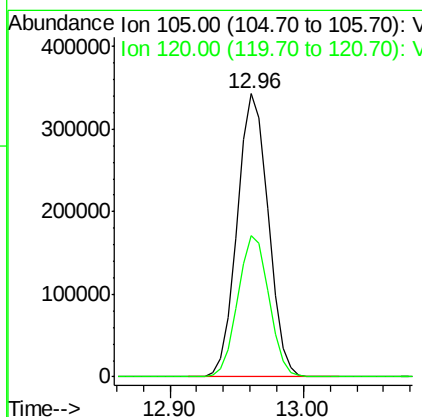
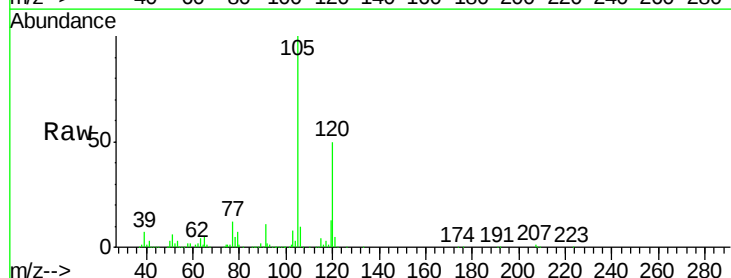
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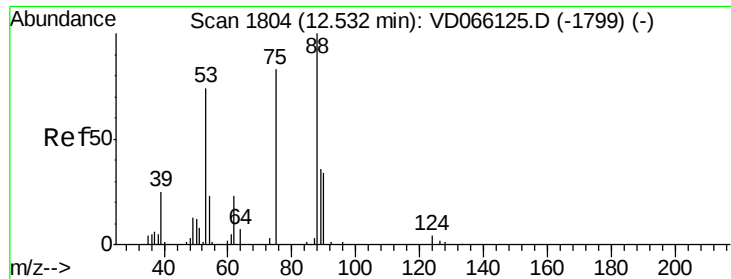
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.603 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion: 105 Resp: 552547
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8





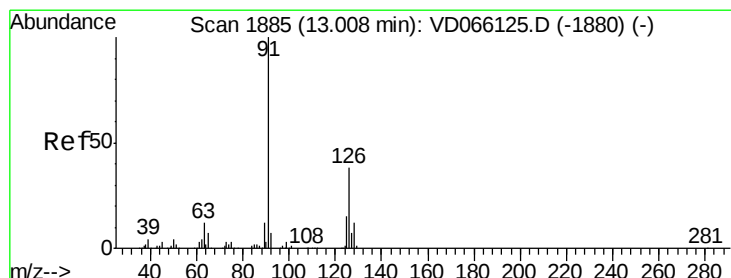
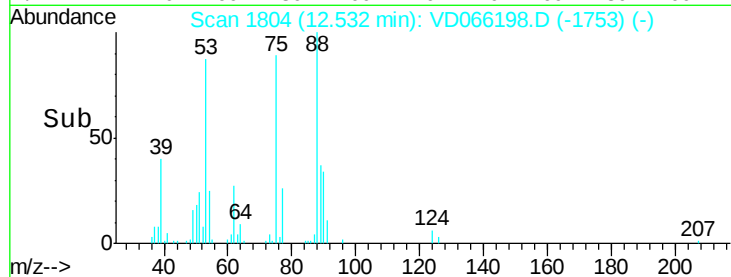
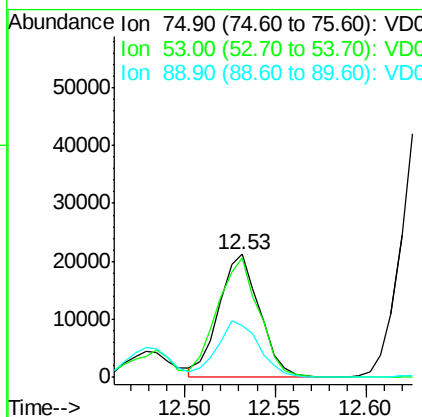
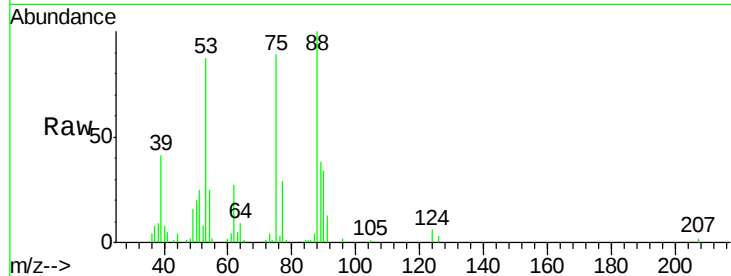
#81
trans-1,4-Dichloro-2-butene
Concen: 46.645 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	73.4	110.2
89	47.0	36.6	55.0

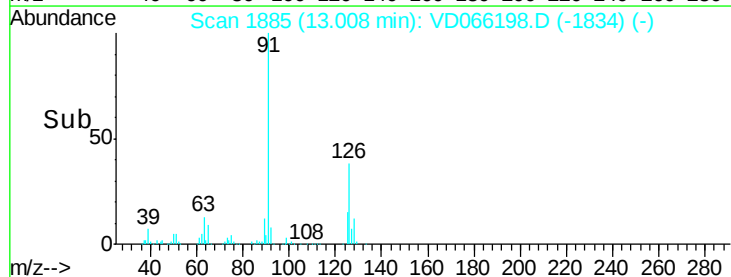
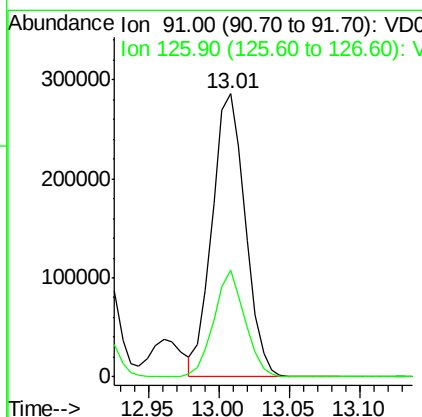
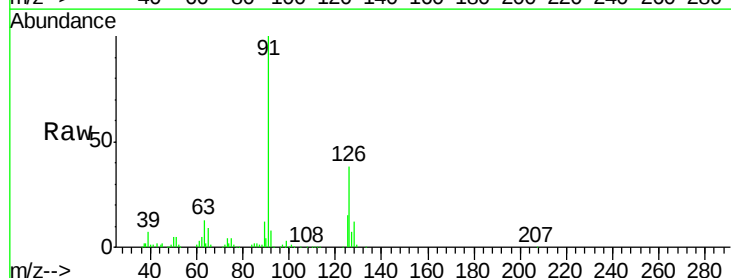
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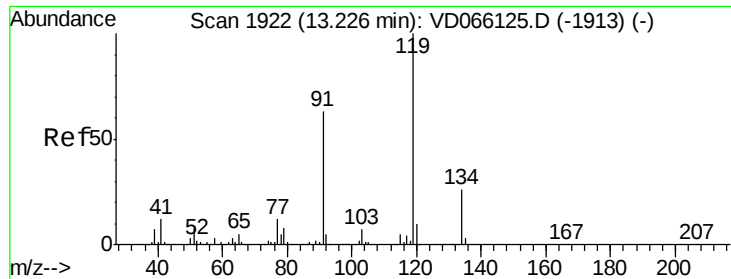
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#82
4-Chlorotoluene
Concen: 52.727 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.3





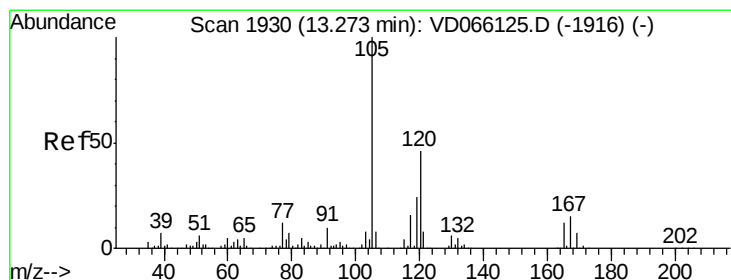
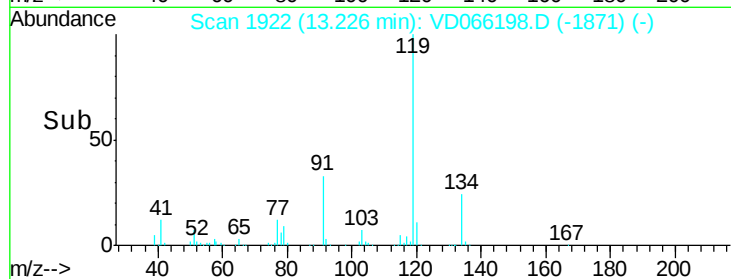
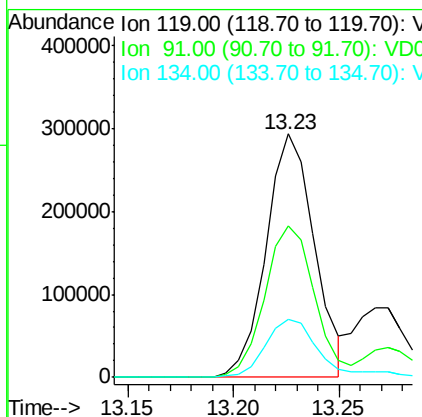
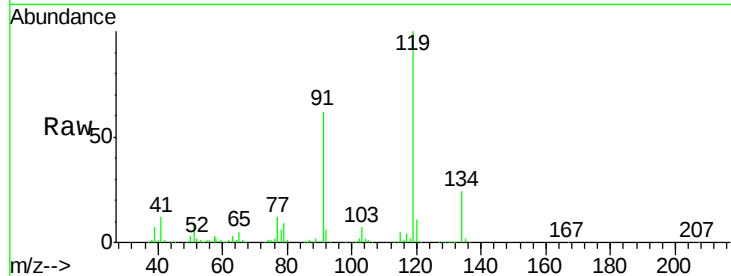
#83
tert-Butylbenzene
Concen: 50.683 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	30.8	92.4
134	27.0	13.6	40.8

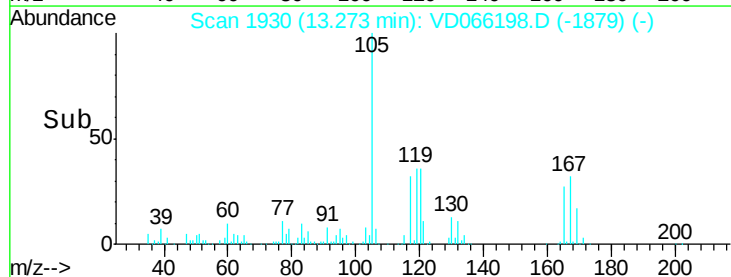
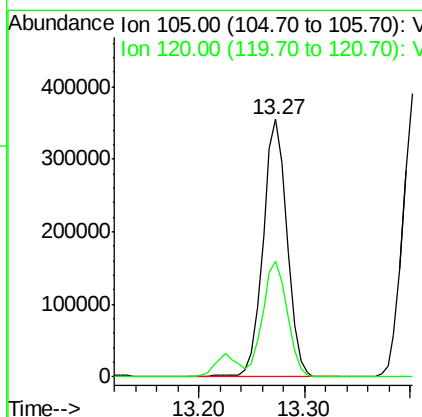
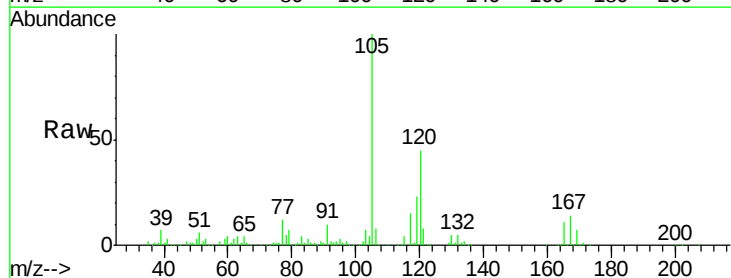
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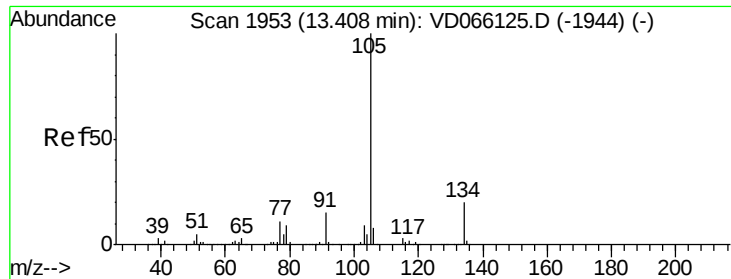
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#84
1,2,4-Trimethylbenzene
Concen: 53.231 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.470 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 629472

Ion Ratio Lower Upper

105 100

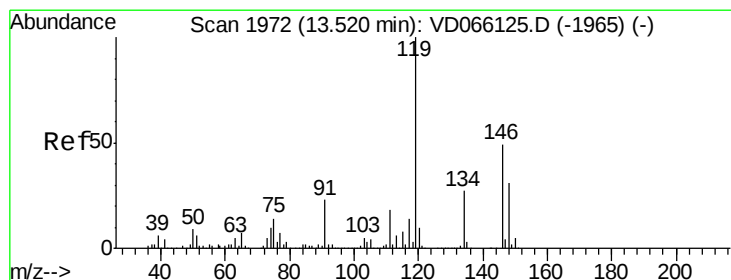
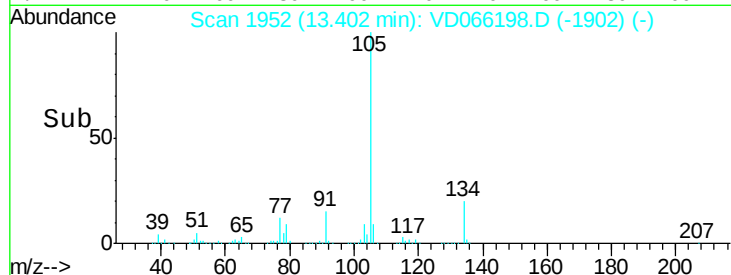
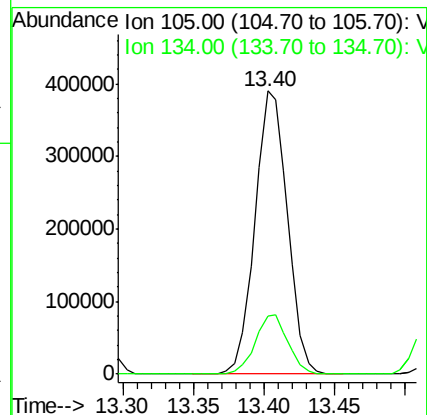
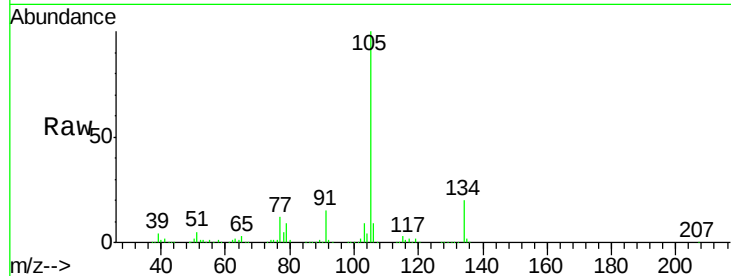
134 21.1 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.565 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066198.D

Acq: 11 Aug 2020 20:35

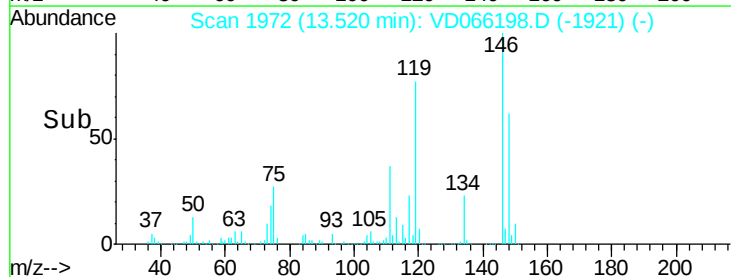
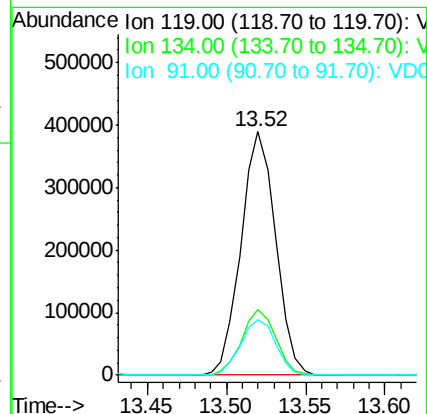
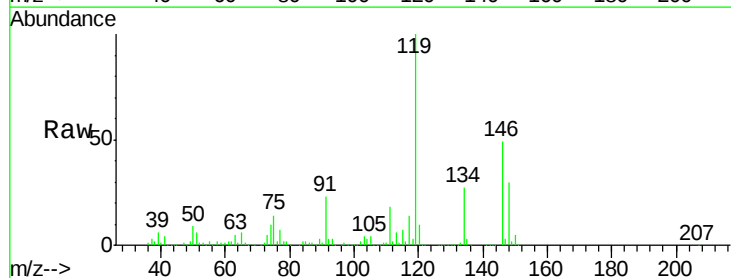
Tgt Ion:119 Resp: 591497

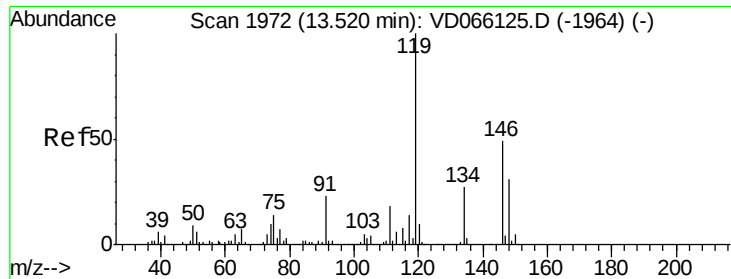
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.1 11.2 33.5





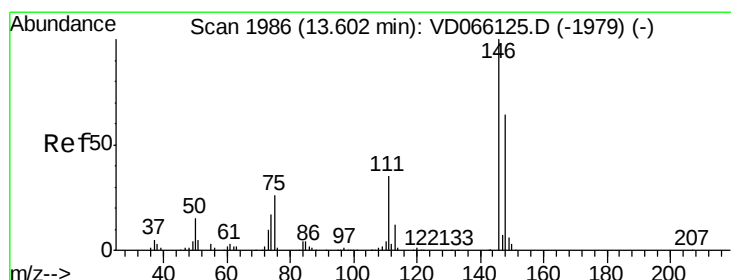
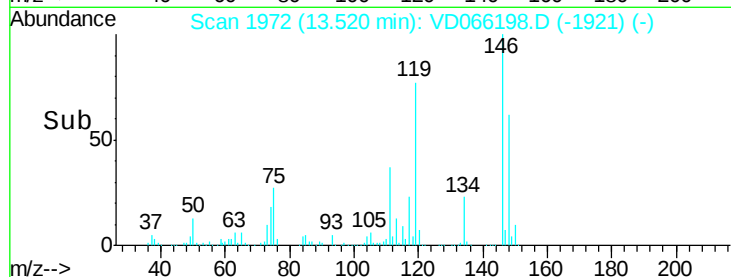
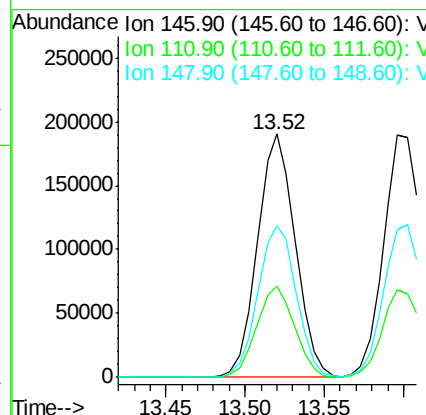
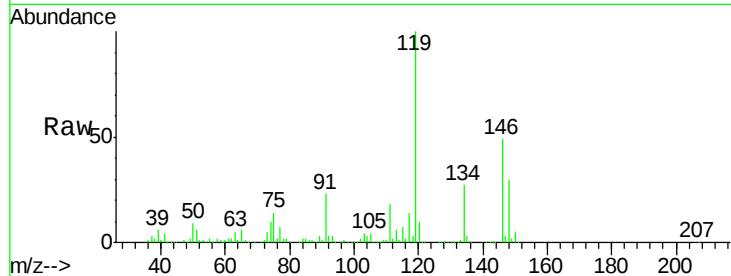
#87
 1,3-Dichlorobenzene
 Concen: 51.818 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	63.8	31.8	95.3

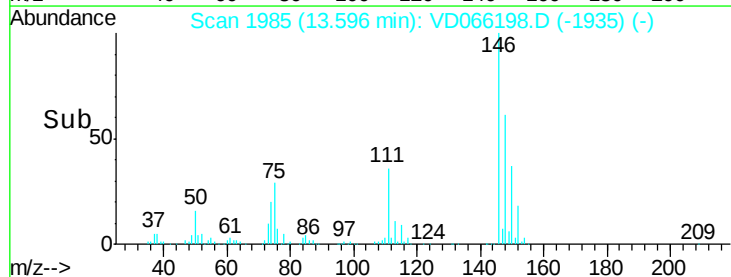
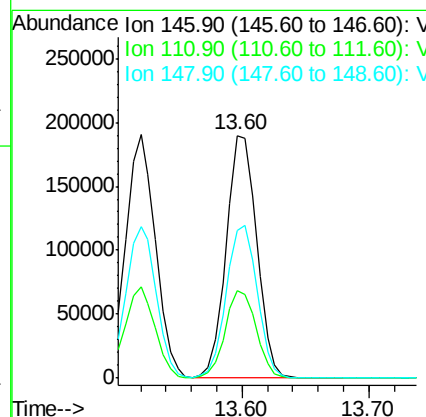
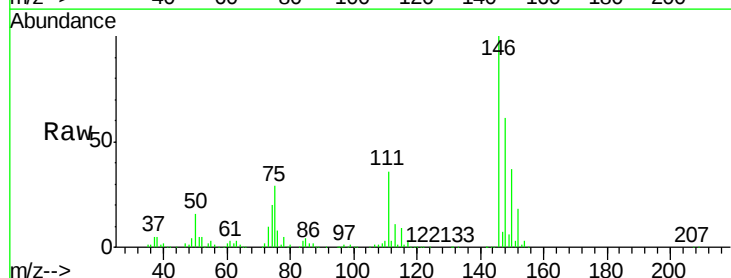
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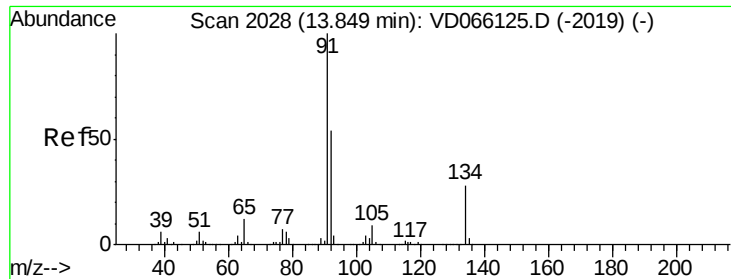
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#88
 1,4-Dichlorobenzene
 Concen: 52.226 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.0	32.4	97.0





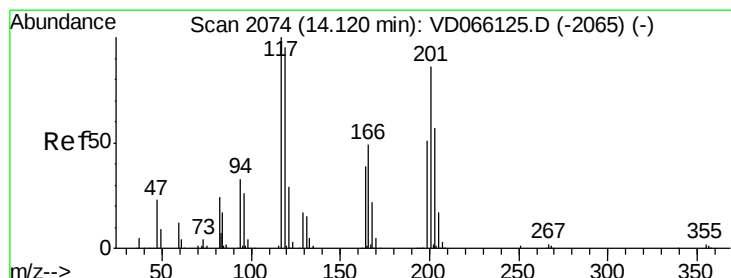
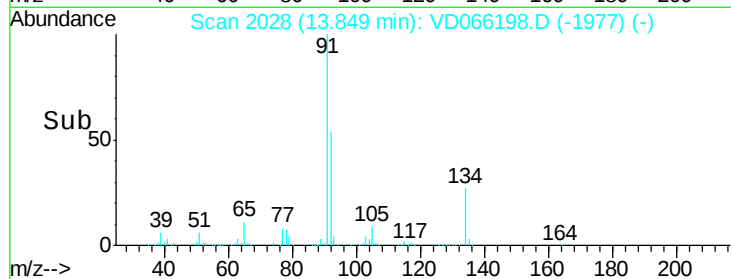
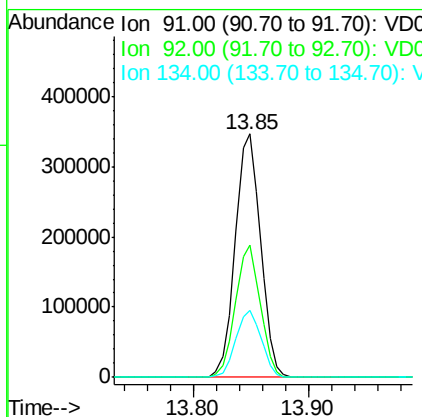
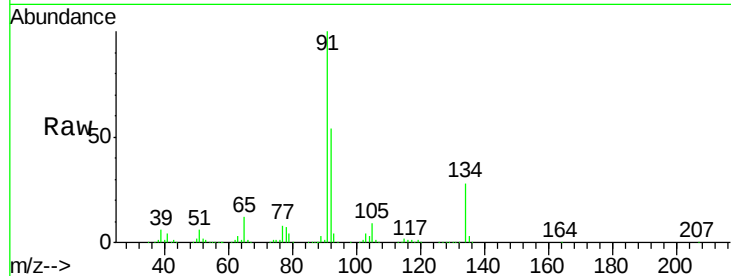
#89
n-Butylbenzene
Concen: 50.185 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.2	26.8	80.3	
134	27.8	14.0	41.9	

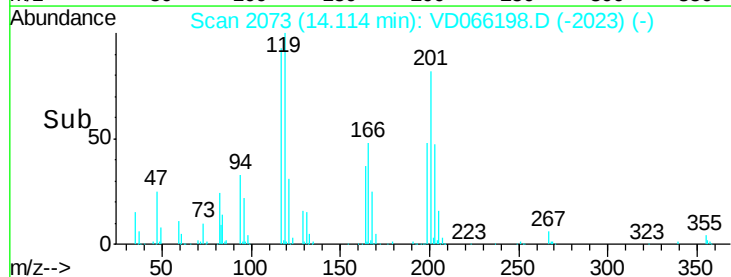
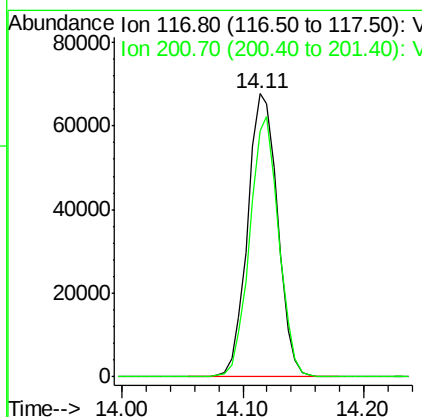
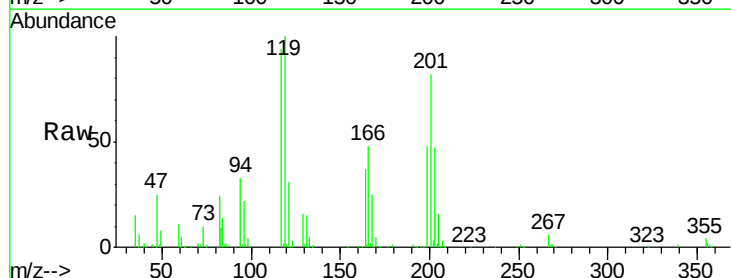
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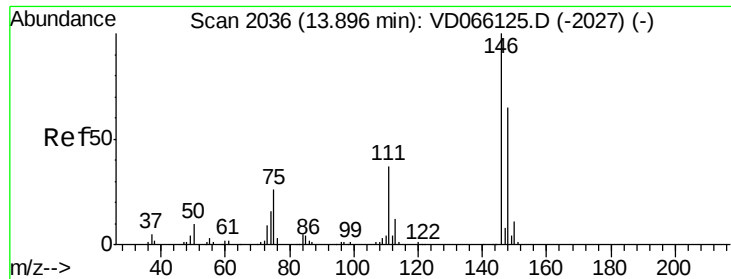
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#90
Hexachloroethane
Concen: 50.565 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.3	42.7	128.1	





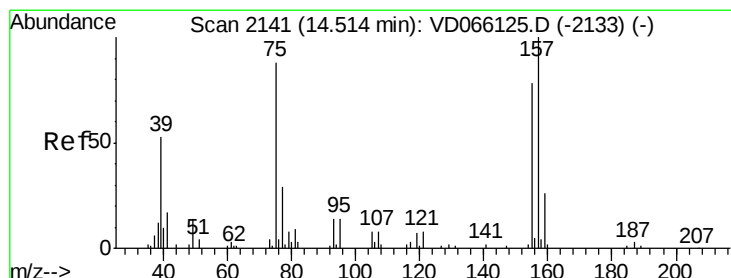
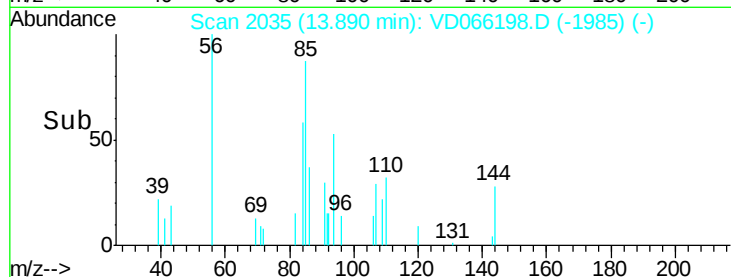
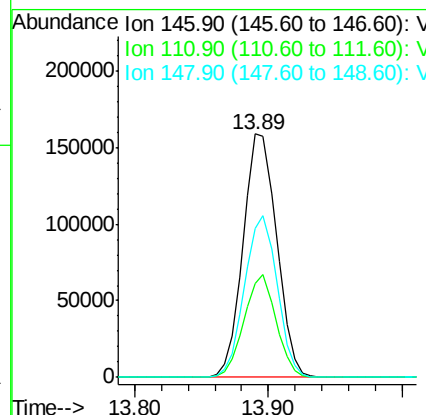
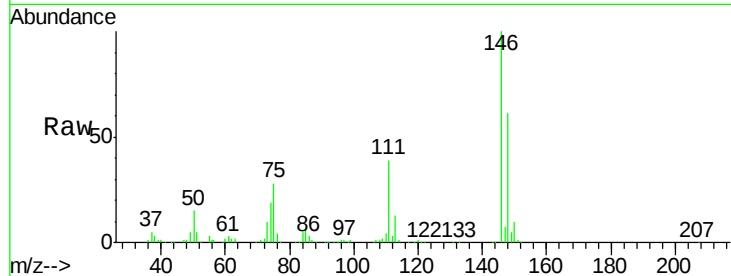
#91
 1,2-Dichlorobenzene
 Concen: 51.607 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.8	56.3
148	64.4	31.9	95.5

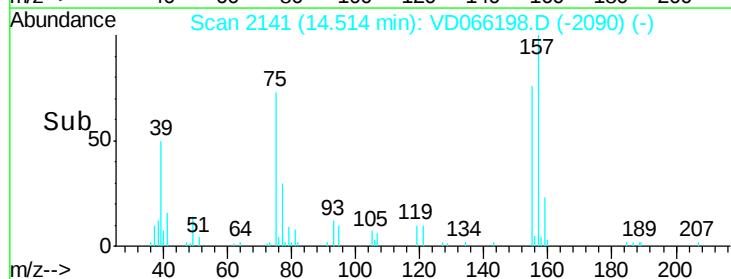
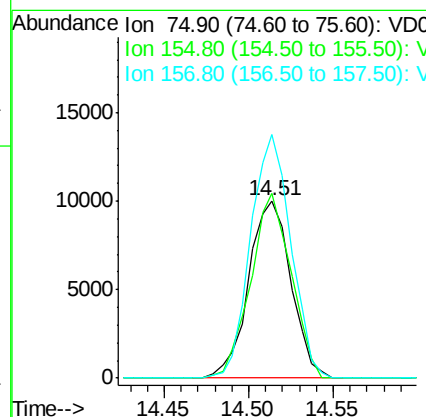
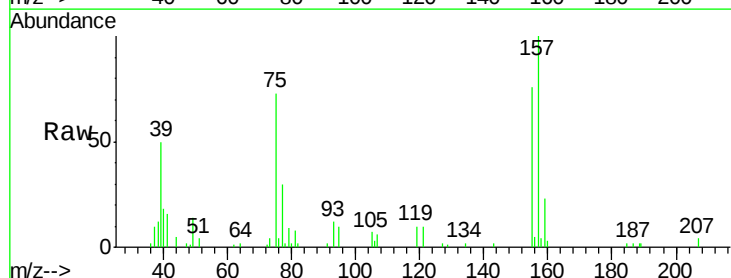
Manual Integrations
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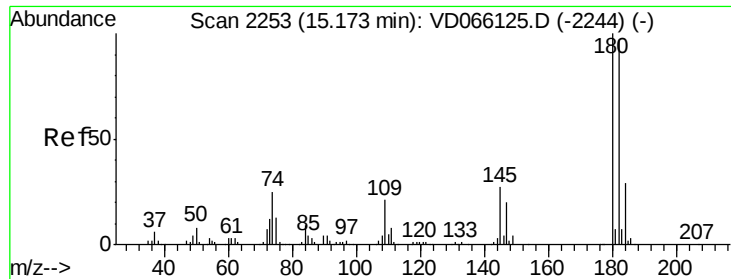
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.529 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	47.7	143.1
157	130.6	62.1	186.2





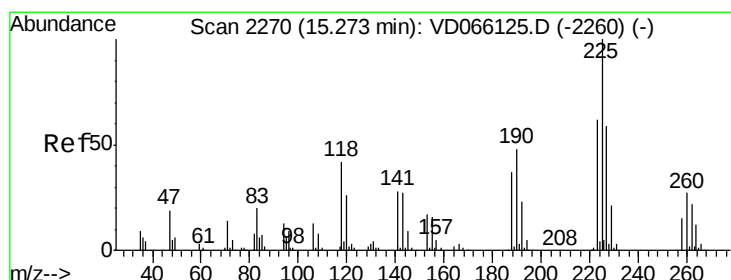
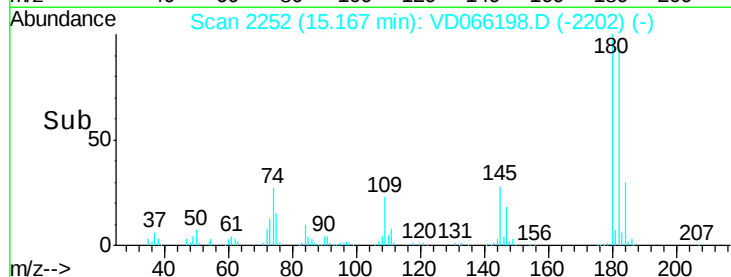
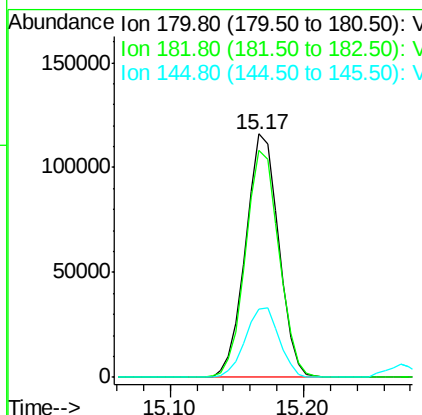
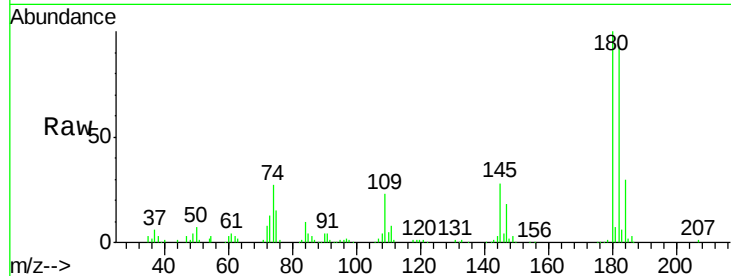
#93
 1,2,4-Trichlorobenzene
 Concen: 49.989 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	29.4	14.5	43.6

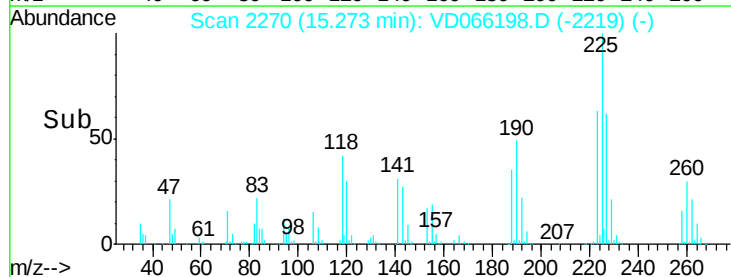
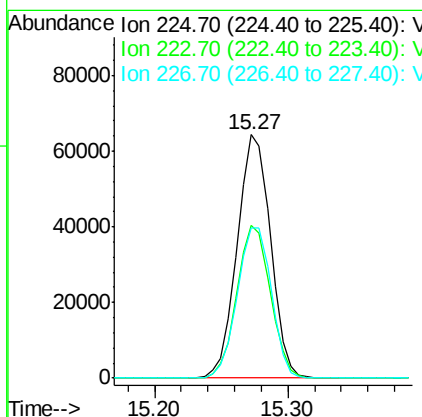
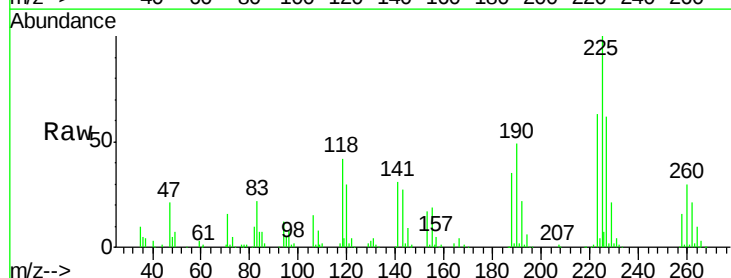
Manual Integrations
 APPROVED

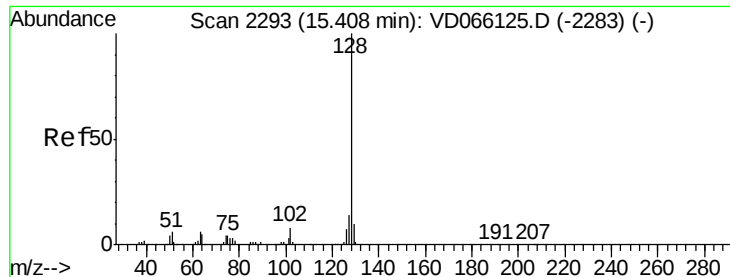
MMDadoda
 8/12/2020 3:57:46 PM



#94
 Hexachlorobutadiene
 Concen: 47.634 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066198.D
 Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.9
227	63.5	32.1	96.5





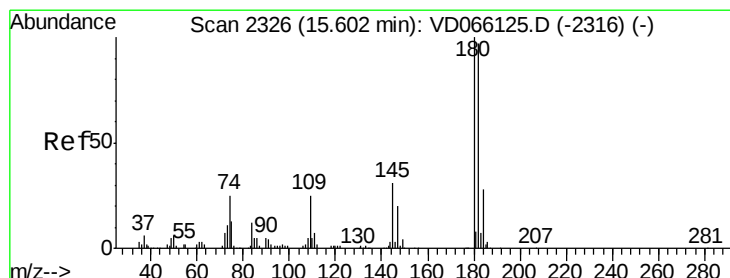
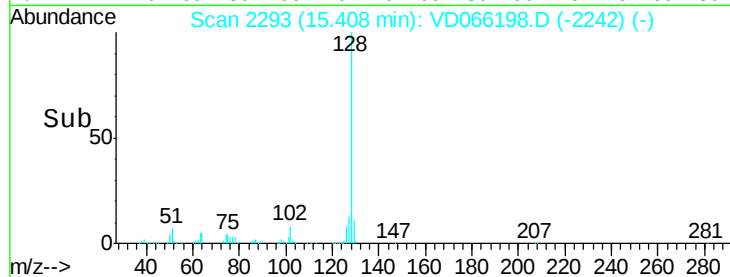
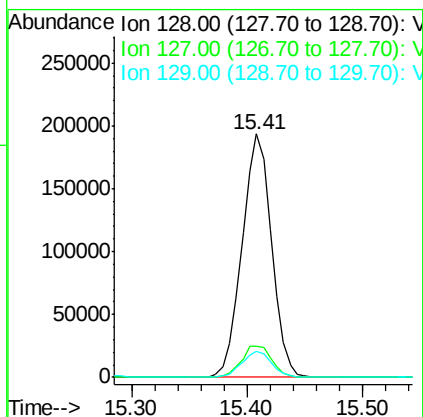
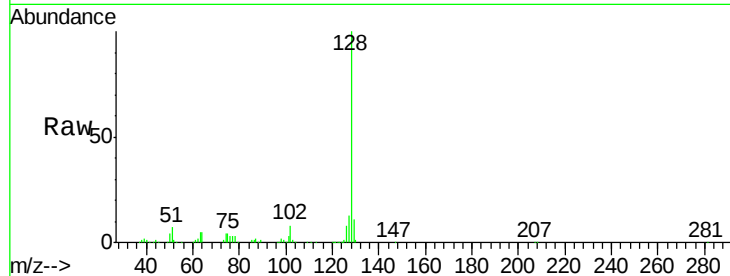
#95
Naphthalene
Concen: 53.073 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/12/2020 3:57:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.011 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066198.D
Acq: 11 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.4
145	30.8	14.9	44.9

