

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066838.D
 Acq On : 23 Sep 2020 17:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:36:50 PM

Quant Time: Sep 23 18:45:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	394624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	619312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	570560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	191300	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.91	113	196867	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.34	98	701840	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.63	95	240381	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	131399	47.457	ug/l	94
3) Chloromethane	2.20	50	157322	43.390	ug/l	99
4) Vinyl Chloride	2.35	62	165823	46.293	ug/l	97
5) Bromomethane	2.77	94	109898	43.650	ug/l	94
6) Chloroethane	2.92	64	102689	46.164	ug/l	93
7) Trichlorofluoromethane	3.27	101	342871	46.608	ug/l	100
8) Diethyl Ether	3.71	74	95287	51.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	202038	47.363	ug/l	98
10) Methyl Iodide	4.30	142	202619	53.827	ug/l	98
11) Tert butyl alcohol	5.23	59	54278	228.509	ug/l	98
12) 1,1-Dichloroethene	4.07	96	181290	46.915	ug/l	90
13) Acrolein	3.92	56	59095	207.402	ug/l	95
14) Allyl chloride	4.71	41	279156	49.197	ug/l	99
15) Acrylonitrile	5.43	53	207651	250.892	ug/l	100
16) Acetone	4.16	43	182080	222.224	ug/l	99
17) Carbon Disulfide	4.41	76	555594	47.028	ug/l	98
18) Methyl Acetate	4.71	43	93785	51.402	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	429554	51.187	ug/l	99
20) Methylene Chloride	4.96	84	238001	54.325	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	219025	48.951	ug/l	89
22) Diisopropyl ether	6.36	45	591349	50.686	ug/l	99
23) Vinyl Acetate	6.30	43	1534982	242.410	ug/l	99
24) 1,1-Dichloroethane	6.26	63	379097	48.571	ug/l #	97
25) 2-Butanone	7.21	43	239439	243.174	ug/l	96
26) 2,2-Dichloropropane	7.20	77	327191	45.737	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	245669	50.534	ug/l	99
28) Bromochloromethane	7.54	49	171066	53.053	ug/l	98
29) Tetrahydrofuran	7.56	42	160445	254.307	ug/l	99
30) Chloroform	7.71	83	410020	48.735	ug/l	95
31) Cyclohexane	7.98	56	319909	45.552	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	365630	48.041	ug/l	99
36) 1,1-Dichloropropene	8.11	75	303687	49.428	ug/l	99
37) Ethyl Acetate	7.28	43	115781	52.127	ug/l	98
38) Carbon Tetrachloride	8.09	117	323088	48.099	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	359244	50.925	ug/l	97
40) Benzene	8.35	78	855481	49.960	ug/l	96
41) Methacrylonitrile	7.53	41	60354m	44.185	ug/l	
42) 1,2-Dichloroethane	8.42	62	249942	49.375	ug/l	99
43) Isopropyl Acetate	8.45	43	214085	49.994	ug/l	100
44) Trichloroethene	9.11	130	241244	49.428	ug/l	97
45) 1,2-Dichloropropane	9.38	63	216446	50.240	ug/l	98
46) Dibromomethane	9.47	93	119139	50.897	ug/l	99
47) Bromodichloromethane	9.66	83	314902	50.079	ug/l	97
48) Methyl methacrylate	9.45	41	105939	50.176	ug/l	98
49) 1,4-Dioxane	9.46	88	29272	1114.599	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	564959	260.370	ug/l	100
52) Toluene	10.40	92	562894	51.034	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	278003	51.943	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	324749	49.763	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	161935	50.323	ug/l	93
56) Ethyl methacrylate	10.66	69	184527	53.528	ug/l	97
57) 1,3-Dichloropropane	10.94	76	274977	51.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	397532	243.545	ug/l	99
59) 2-Hexanone	10.98	43	386095	263.856	ug/l	99
60) Dibromochloromethane	11.14	129	212774	50.663	ug/l	99
61) 1,2-Dibromoethane	11.24	107	152093	50.815	ug/l	97
64) Tetrachloroethene	10.87	164	211158	51.450	ug/l	98
65) Chlorobenzene	11.67	112	594092	50.022	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	224269	49.893	ug/l	98
67) Ethyl Benzene	11.74	91	1083139	51.927	ug/l	98
68) m/p-Xylenes	11.85	106	830751	105.192	ug/l	100
69) o-Xylene	12.18	106	372009	52.094	ug/l	100
70) Styrene	12.19	104	656554	52.942	ug/l	99
71) Bromoform	12.36	173	113141	49.713	ug/l	# 99
73) Isopropylbenzene	12.48	105	1031003	51.579	ug/l	98
74) N-amyl acetate	12.29	43	195526	50.090	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	169577	49.165	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	128080m	55.855	ug/l	
77) Bromobenzene	12.76	156	236709	50.634	ug/l	98
78) n-propylbenzene	12.82	91	1235187	51.365	ug/l	100
79) 2-Chlorotoluene	12.91	91	687913	50.200	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	866877	51.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	37680	41.112	ug/l	98
82) 4-Chlorotoluene	13.01	91	740686	51.275	ug/l	99
83) tert-Butylbenzene	13.23	119	724684	51.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	874761	52.012	ug/l	99
85) sec-Butylbenzene	13.40	105	1029545	51.371	ug/l	98
86) p-Isopropyltoluene	13.52	119	935328	51.775	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	455275	49.293	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	445166	48.529	ug/l	98
89) n-Butylbenzene	13.84	91	880521	51.280	ug/l	100
90) Hexachloroethane	14.11	117	180073	49.098	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	393772	49.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27312	49.224	ug/l	96

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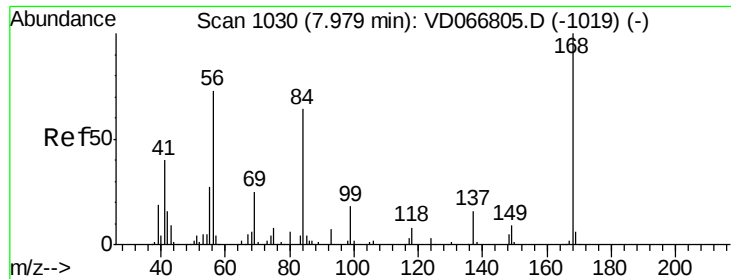
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	254225	51.108	ug/l	99
94) Hexachlorobutadiene	15.27	225	152390	51.124	ug/l	99
95) Naphthalene	15.41	128	443802	52.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	221885	51.681	ug/l	99

(#) = 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. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 394624

Ion Ratio Lower Upper

168 100

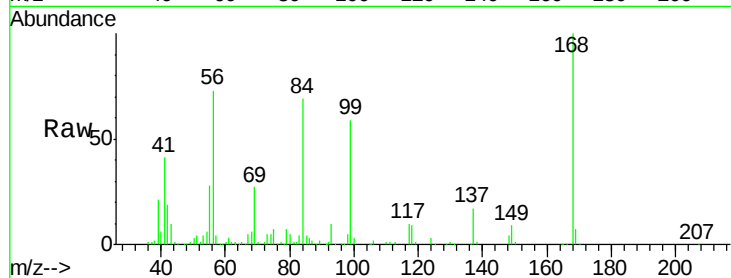
99 58.3 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

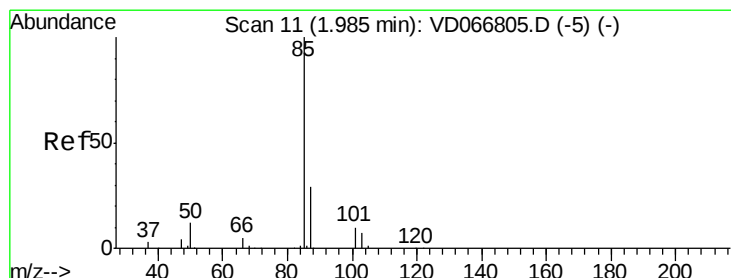
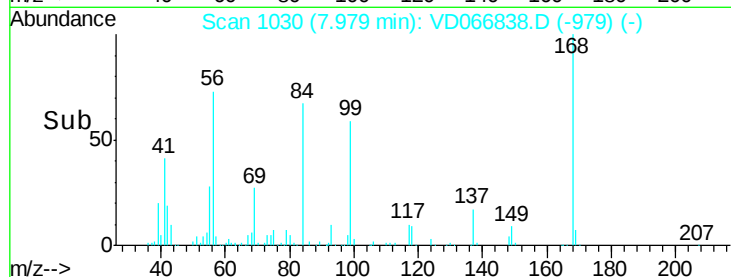
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.457 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066838.D

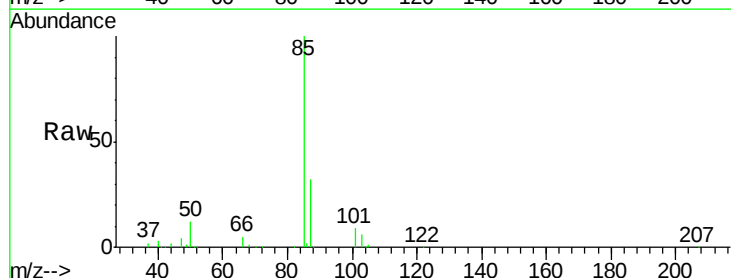
Acq: 23 Sep 2020 17:00

Tgt Ion: 85 Resp: 131399

Ion Ratio Lower Upper

85 100

87 32.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

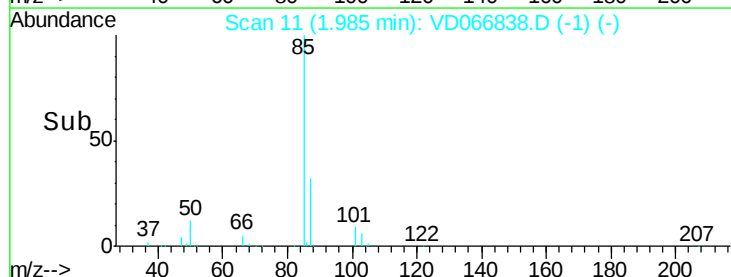
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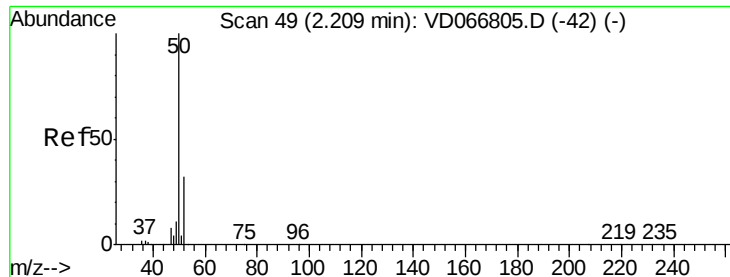
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.390 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 157322

Ion Ratio Lower Upper

50 100

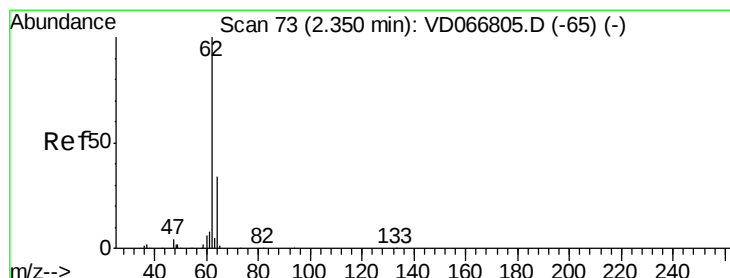
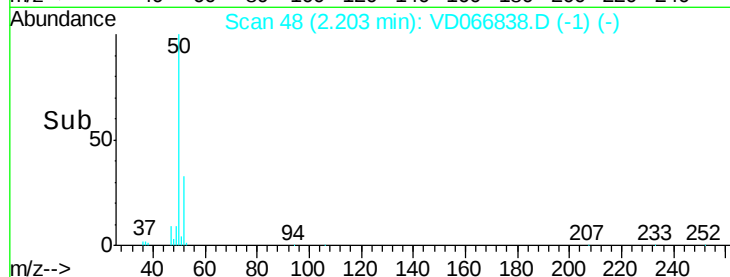
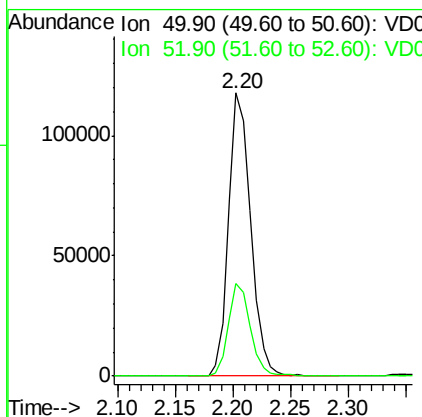
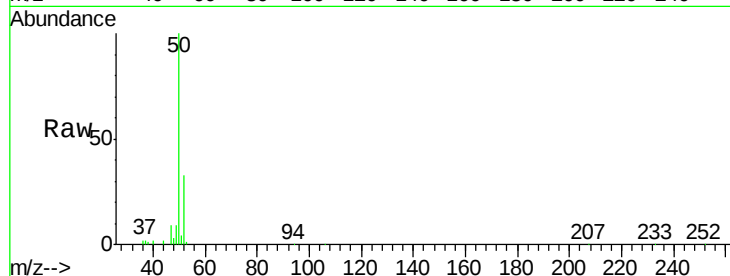
52 32.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.293 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066838.D

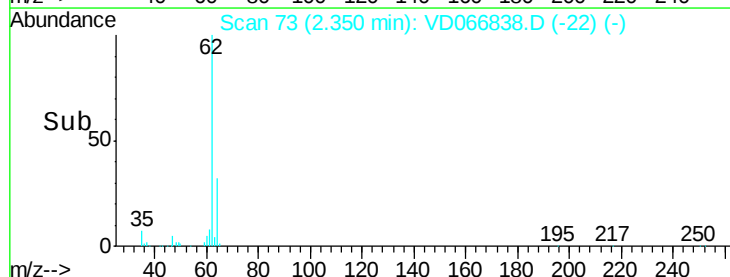
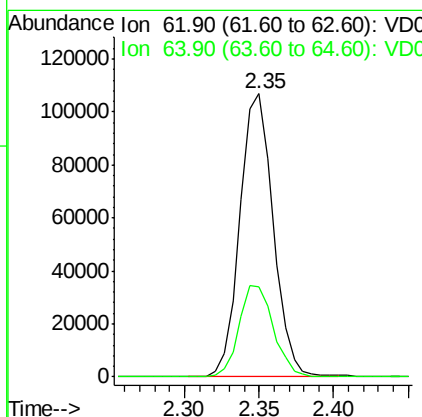
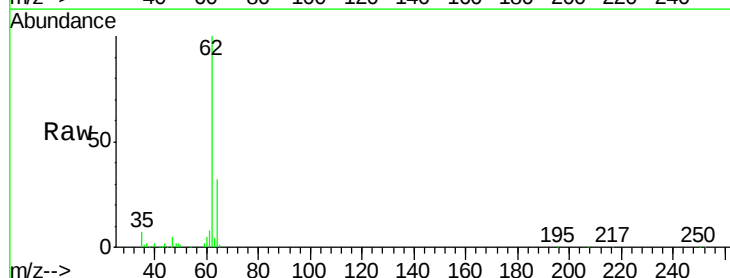
Acq: 23 Sep 2020 17:00

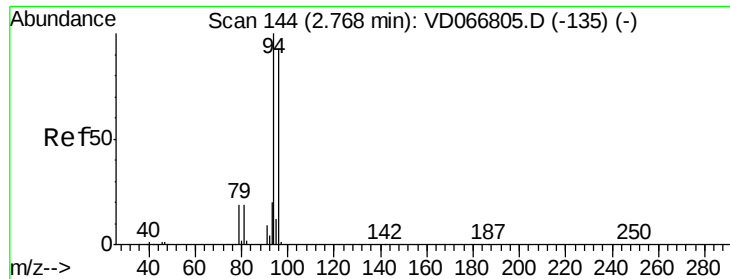
Tgt Ion: 62 Resp: 165823

Ion Ratio Lower Upper

62 100

64 31.9 27.0 40.4





#5

Bromomethane

Concen: 43.650 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 109898

Ion Ratio Lower Upper

94 100

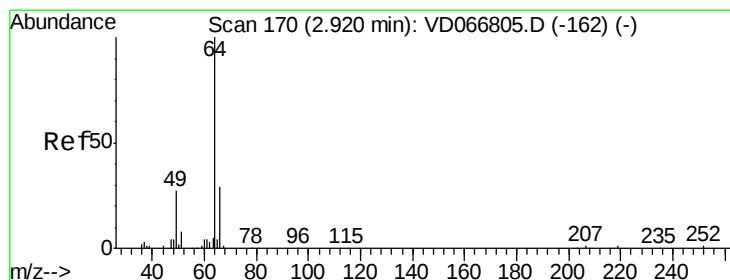
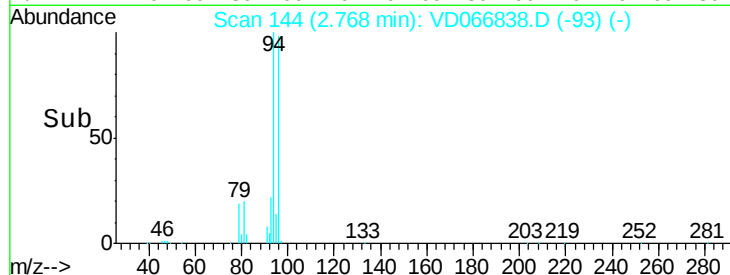
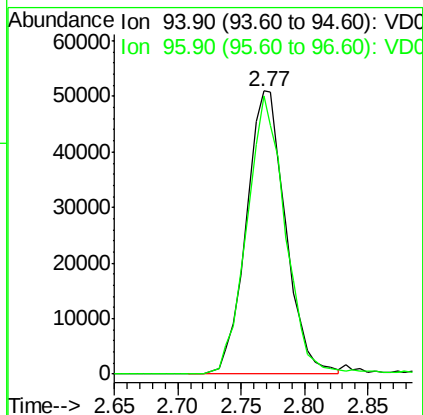
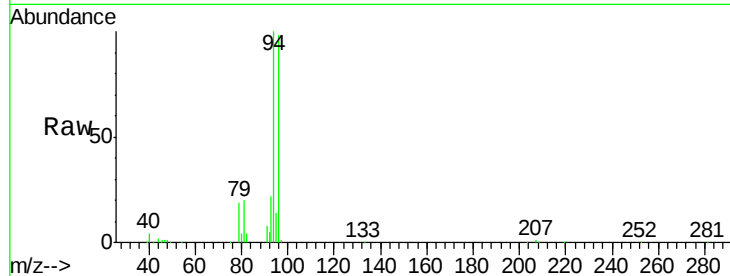
96 98.3 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 46.164 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066838.D

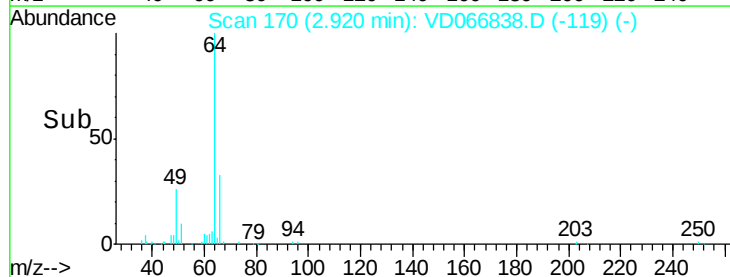
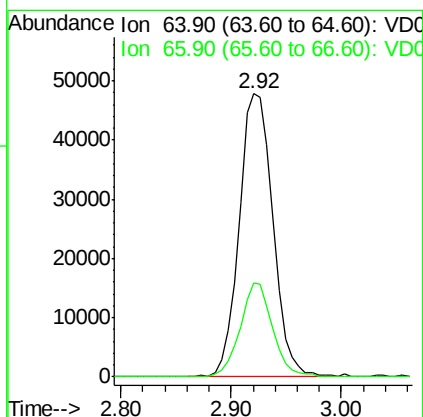
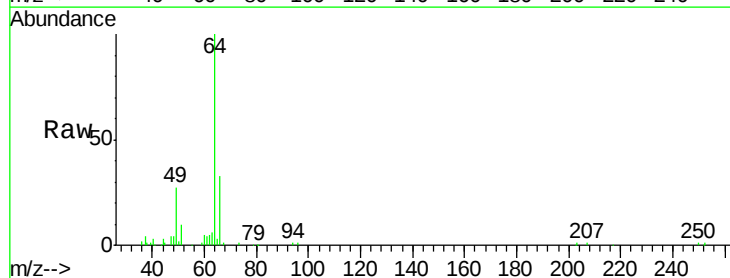
Acq: 23 Sep 2020 17:00

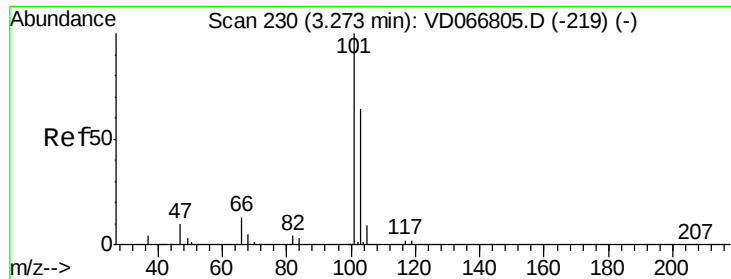
Tgt Ion: 64 Resp: 102689

Ion Ratio Lower Upper

64 100

66 33.0 23.3 34.9





#7

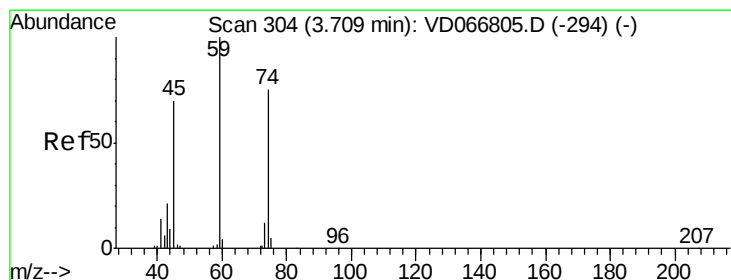
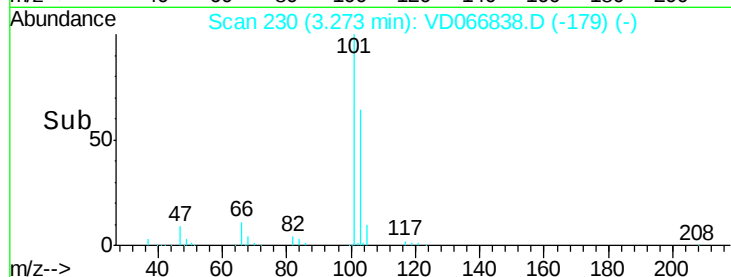
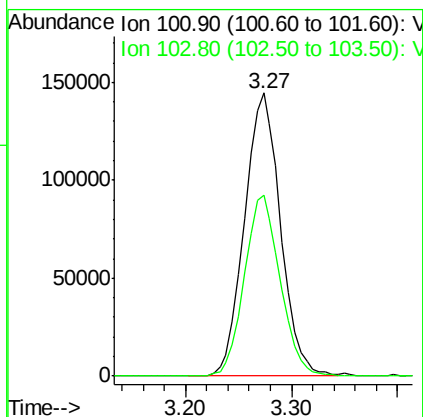
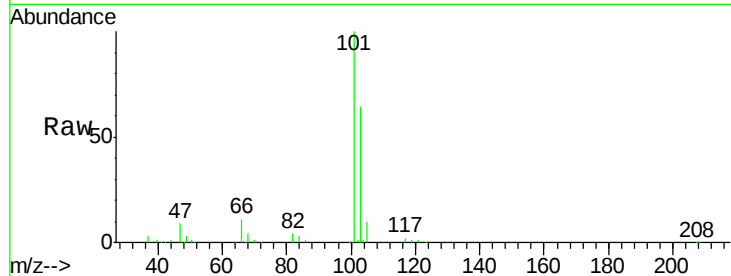
Trichlorofluoromethane
 Concen: 46.608 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	342871		
103	64.1	51.0	76.6	

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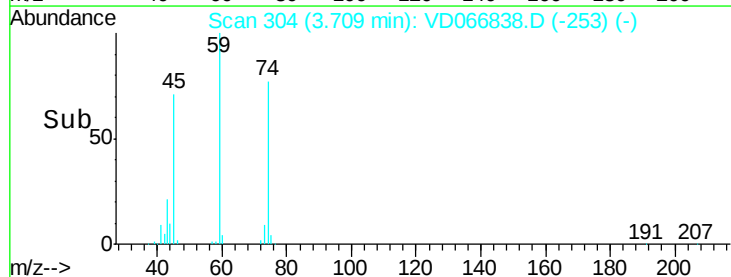
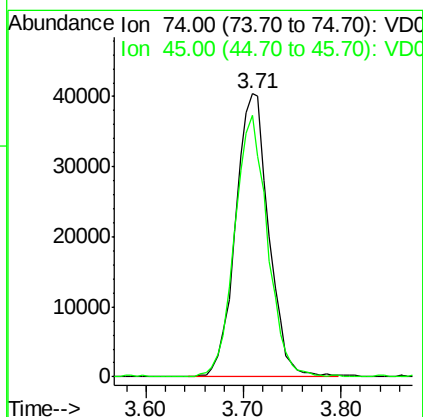
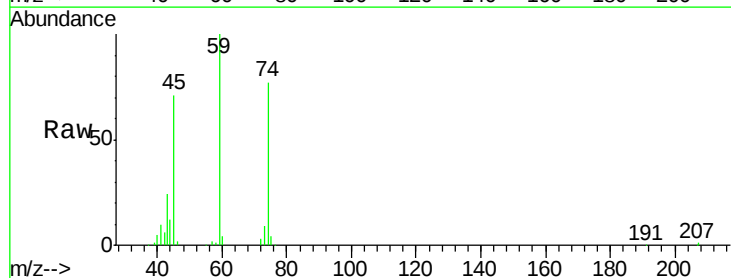
MMDadoda
 9/24/2020 1:36:50 PM

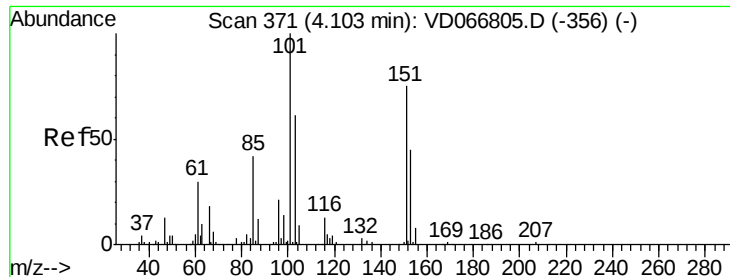


#8

Diethyl Ether
 Concen: 51.021 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	95287		
45	91.5	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.363 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

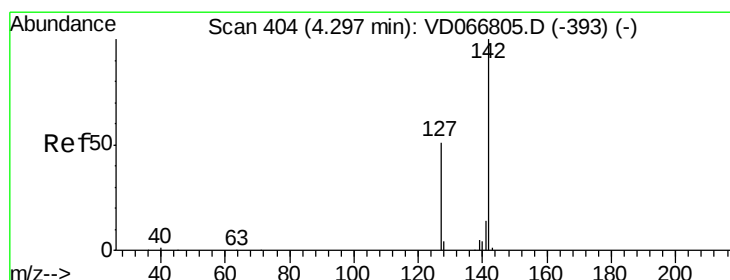
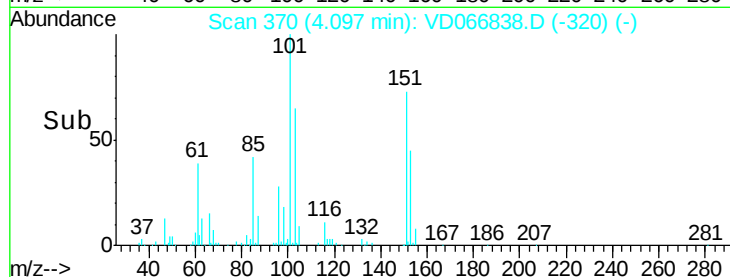
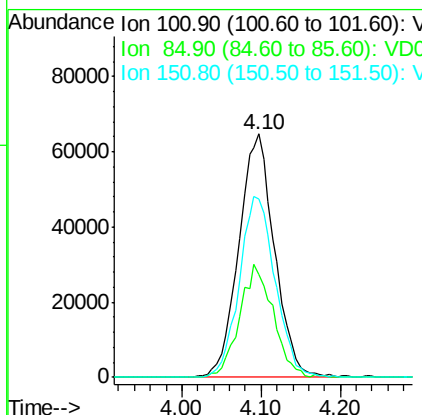
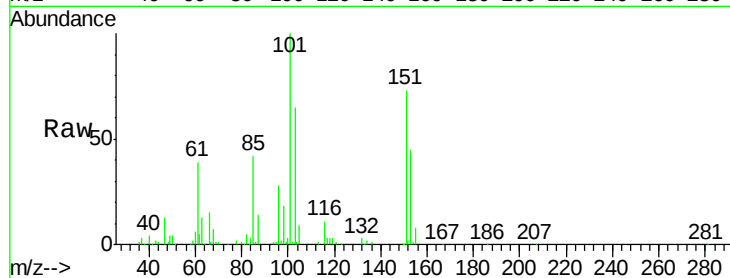
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	202038
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.4	53.2
151	75.0	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 53.827 ug/l

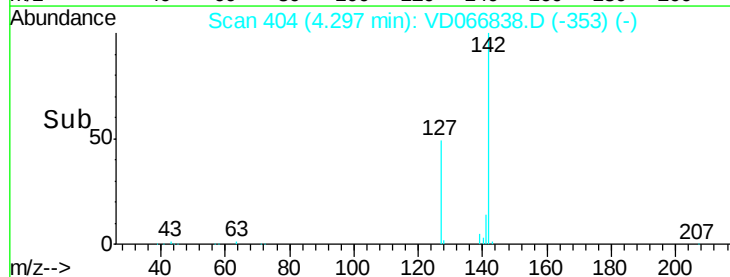
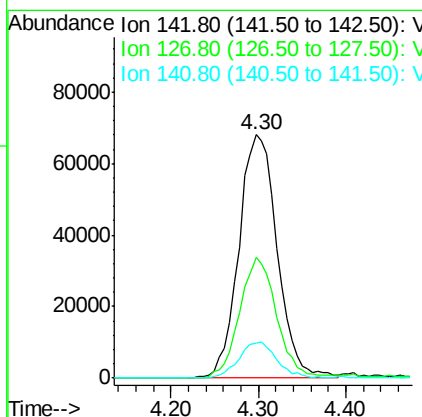
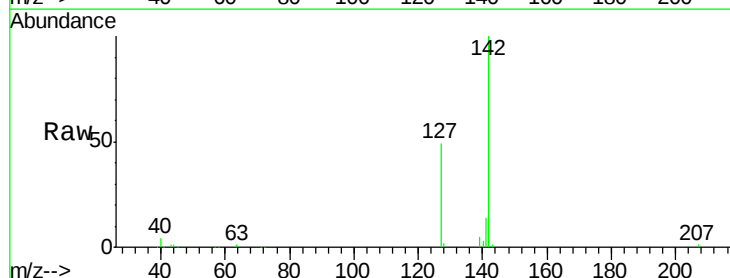
RT: 4.30 min Scan# 404

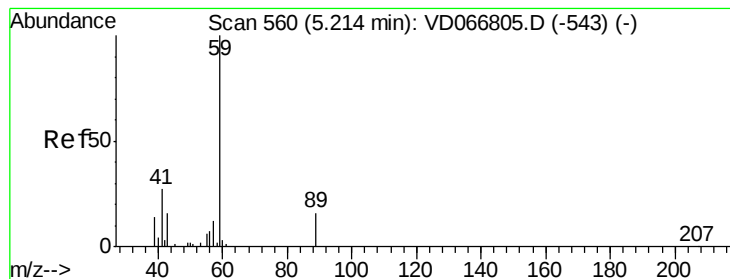
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	142	Resp:	202619
Ion Ratio	Lower	Upper	
142	100		
127	48.0	39.4	59.0
141	14.7	12.1	18.1





#11

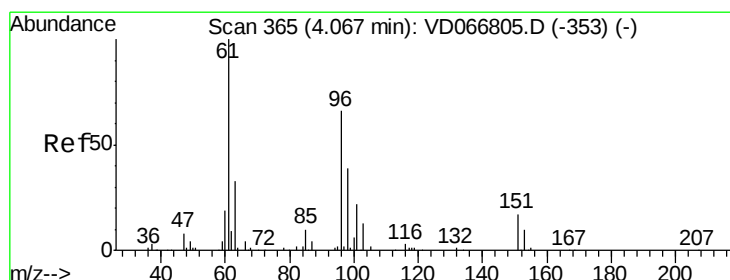
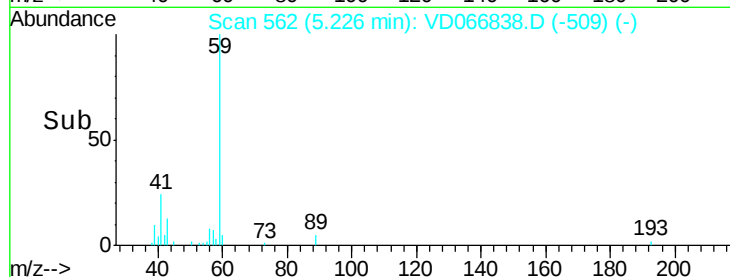
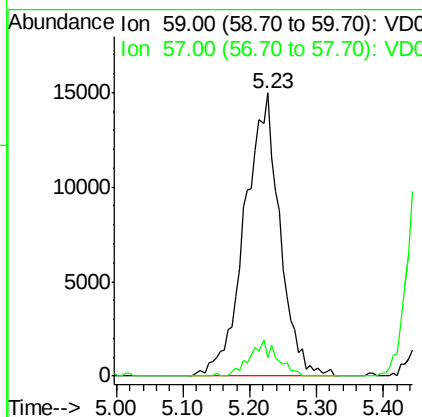
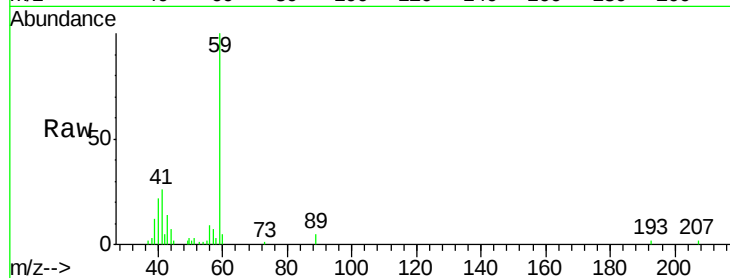
Tert butyl alcohol
 Concen: 228.509 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	54278
Ion Ratio	100	Lower	Upper
57	9.7	8.3	12.5

Manual Integrations
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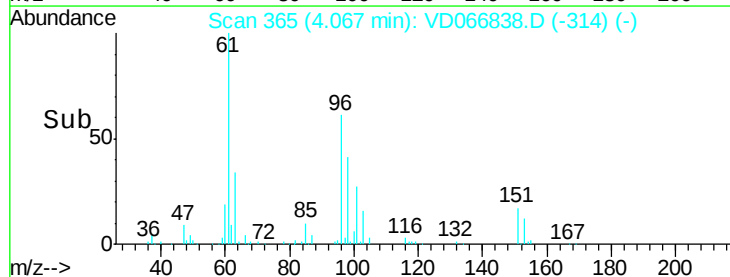
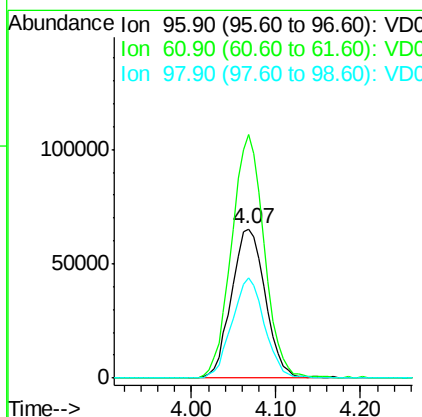
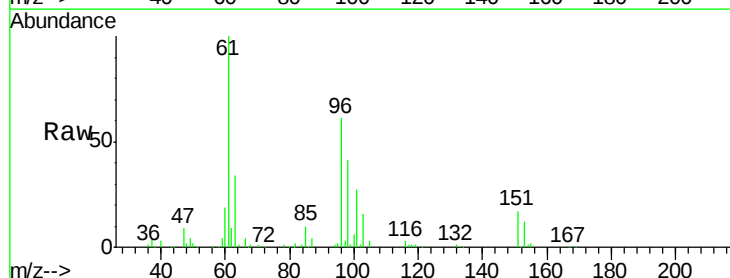
MMDadoda
 9/24/2020 1:36:50 PM

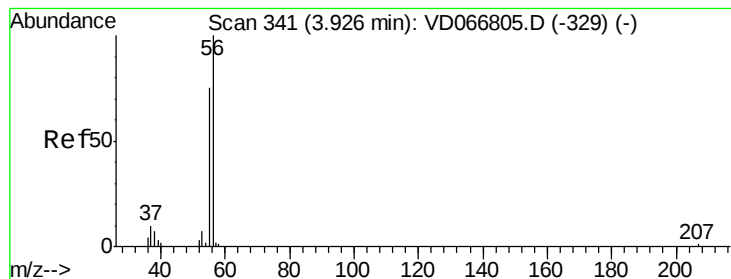


#12

1,1-Dichloroethene
 Concen: 46.915 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	96	Resp	181290
Ion Ratio	100	Lower	Upper
61	163.4	120.8	181.2
98	67.3	47.7	71.5





#13

Acrolein

Concen: 207.402 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 59095

Ion Ratio Lower Upper

56 100

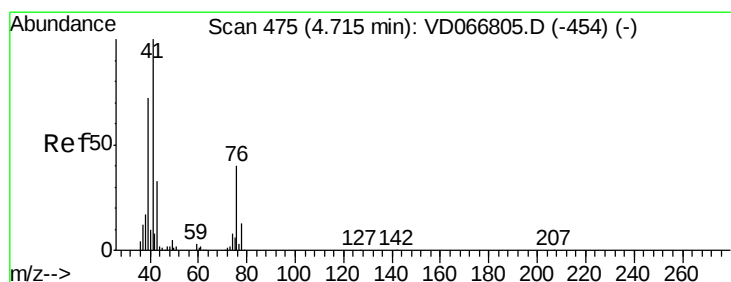
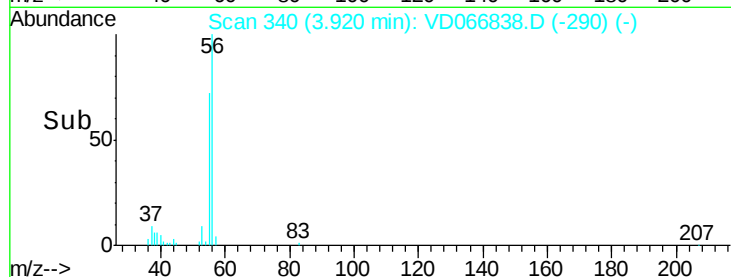
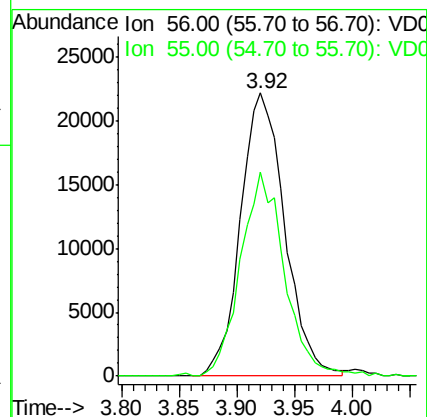
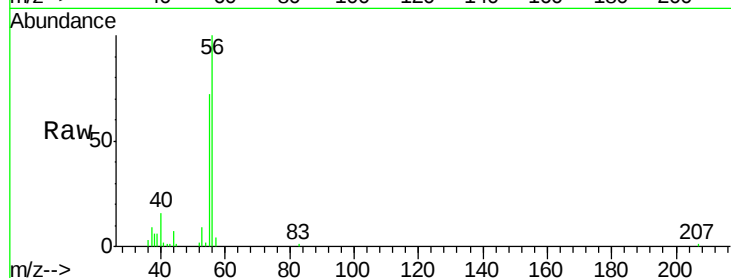
55 71.4 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 49.197 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

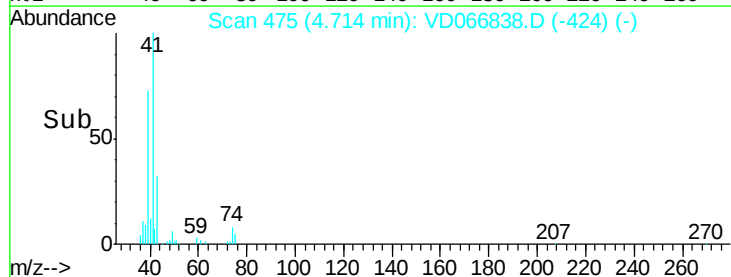
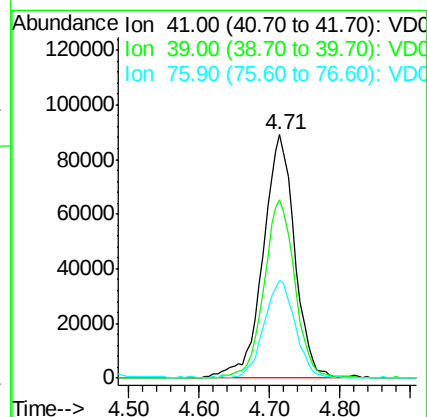
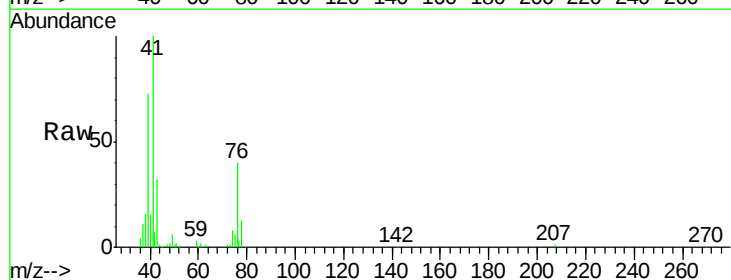
Tgt Ion: 41 Resp: 279156

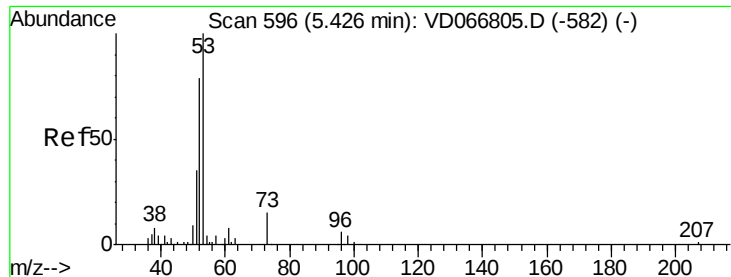
Ion Ratio Lower Upper

41 100

39 71.3 57.8 86.8

76 38.7 30.9 46.3





#15

Acrylonitrile

Concen: 250.892 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

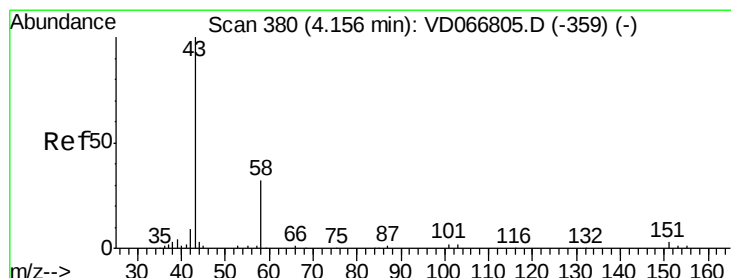
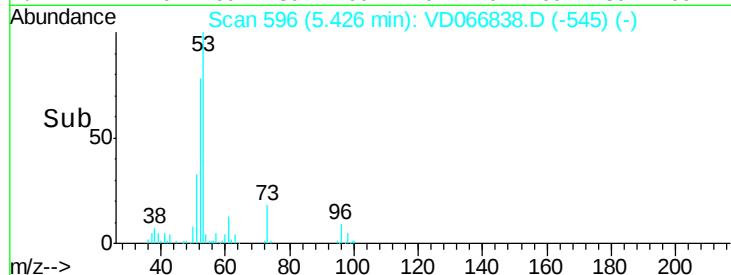
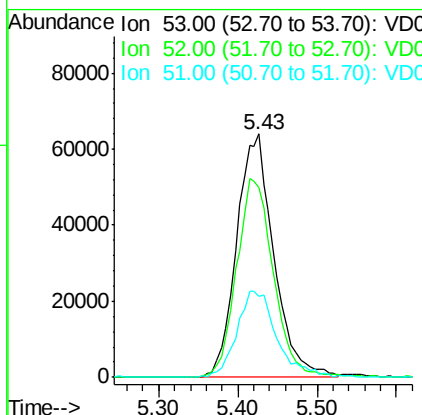
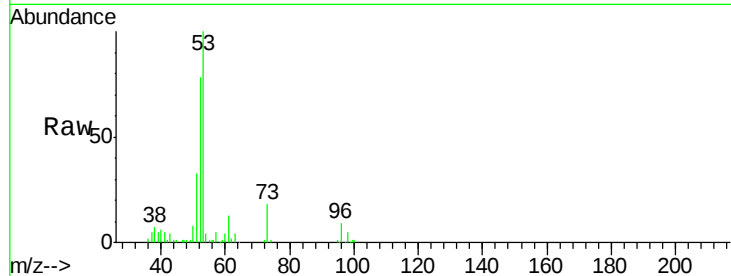
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	207651
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.2	97.8
51	38.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 222.224 ug/l

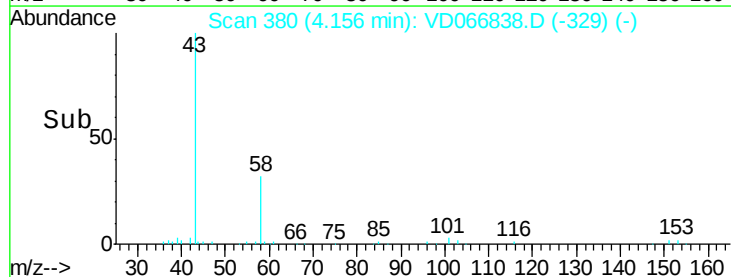
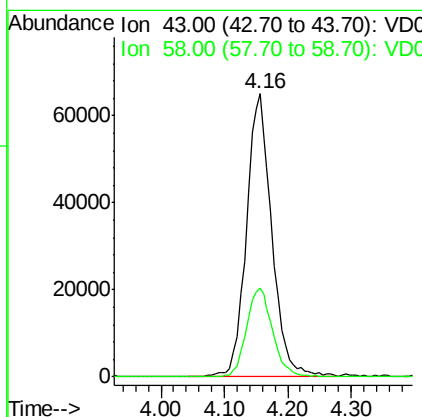
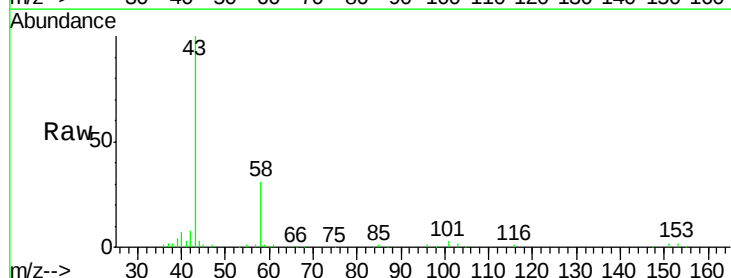
RT: 4.16 min Scan# 380

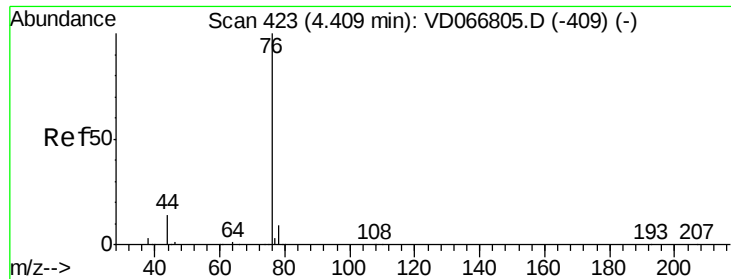
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	43	Resp:	182080
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.6	38.4





#17

Carbon Disulfide

Concen: 47.028 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 555594

Ion Ratio Lower Upper

76 100

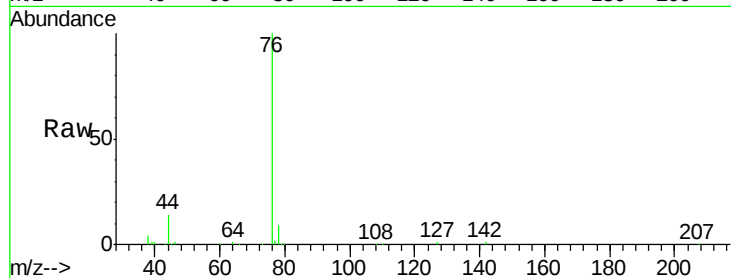
78 8.8 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

200000

150000

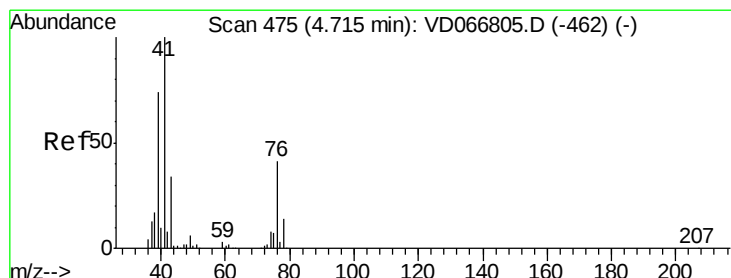
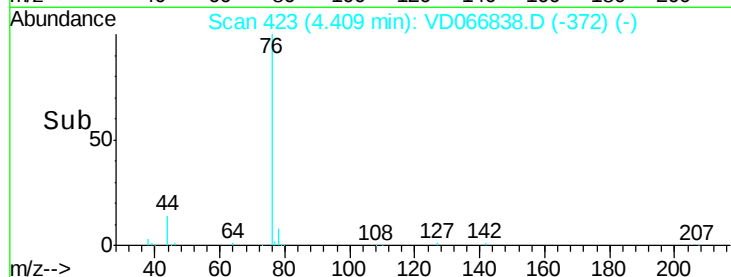
100000

50000

0

4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 51.402 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066838.D

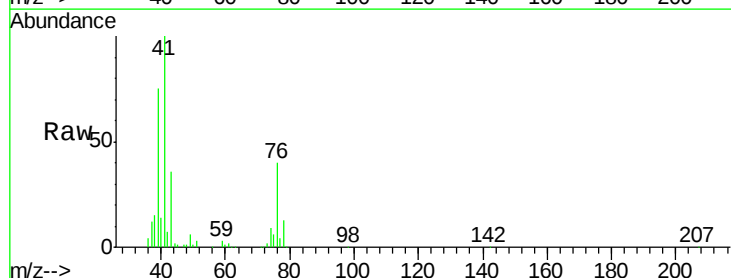
Acq: 23 Sep 2020 17:00

Tgt Ion: 43 Resp: 93785

Ion Ratio Lower Upper

43 100

74 24.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

30000

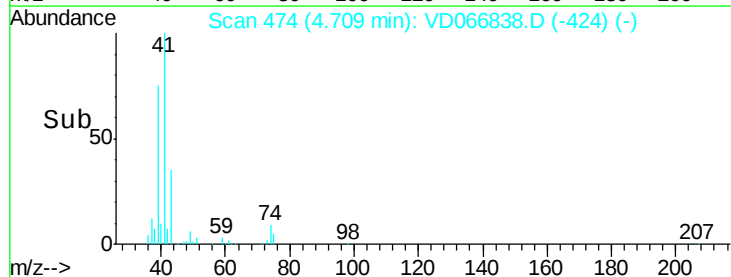
20000

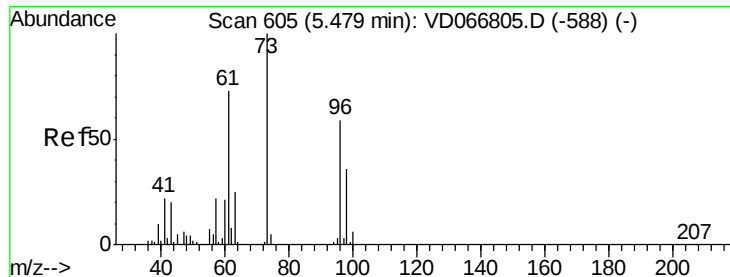
10000

0

4.60 4.70 4.80

Time-->





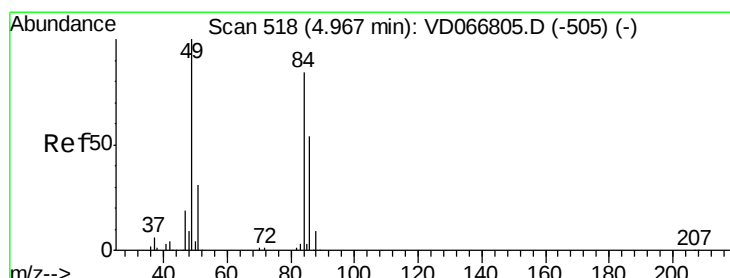
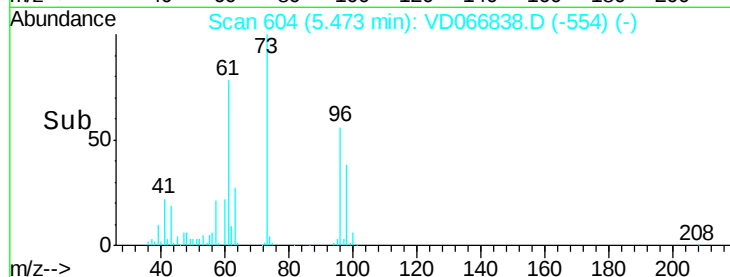
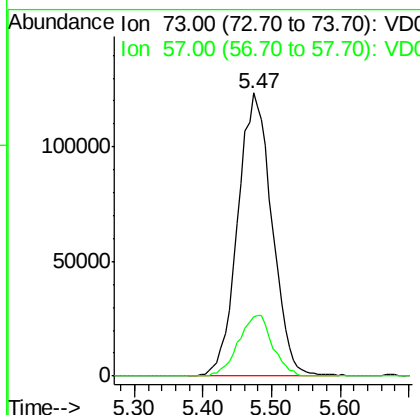
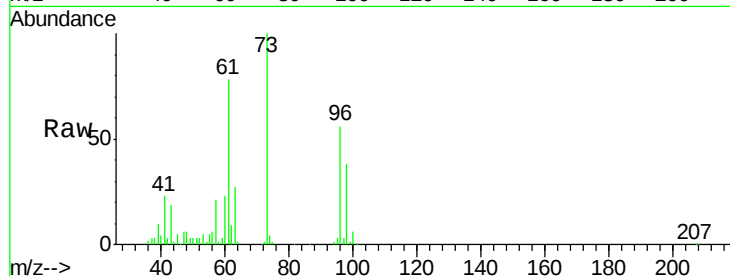
#19
Methvl tert-butvl Ether
Concen: 51.187 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 429554
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

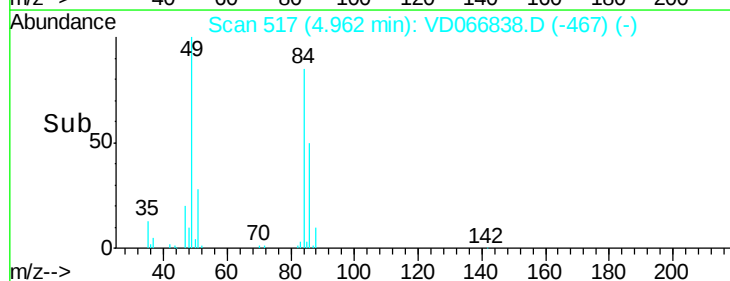
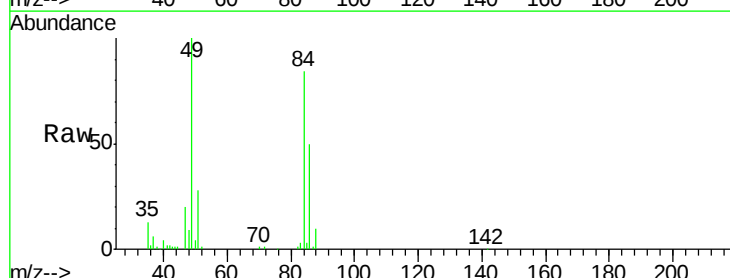
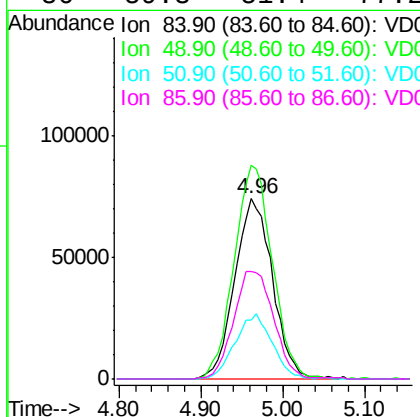
Manual Integrations
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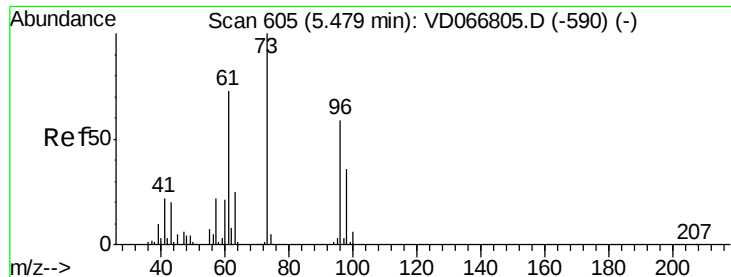
MMDadoda
9/24/2020 1:36:50 PM



#20
Methylene Chloride
Concen: 54.325 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 84 Resp: 238001
Ion Ratio Lower Upper
84 100
49 118.5 95.4 143.2
51 32.8 29.7 44.5
86 59.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.951 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

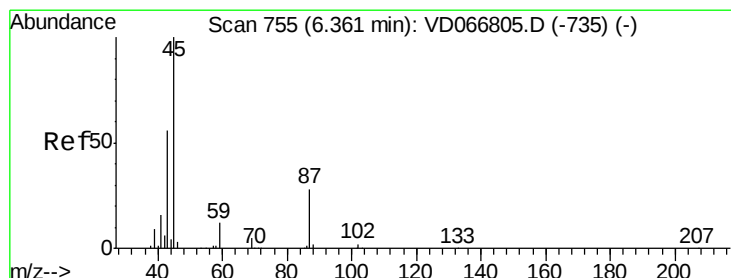
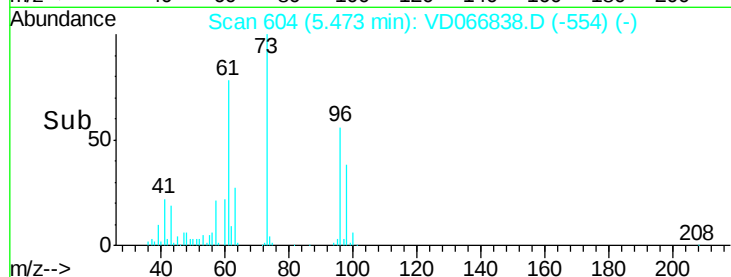
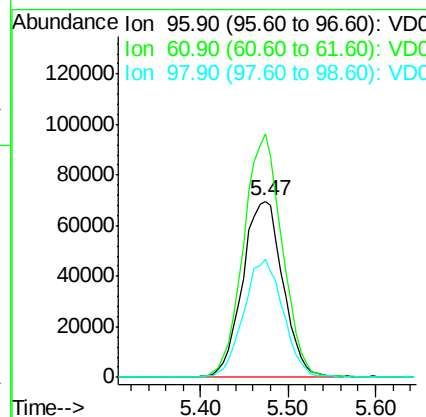
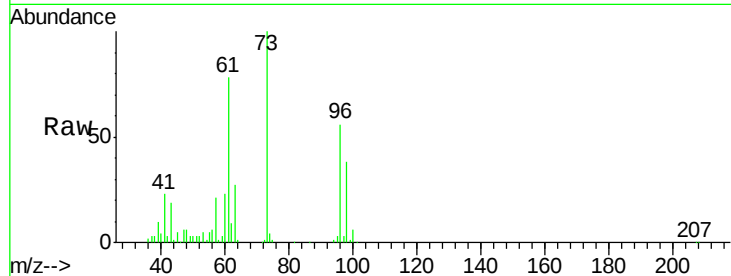
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	219025
Ion	Ratio	Lower	Upper
96	100		
61	138.3	98.9	148.3
98	66.9	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.686 ug/l

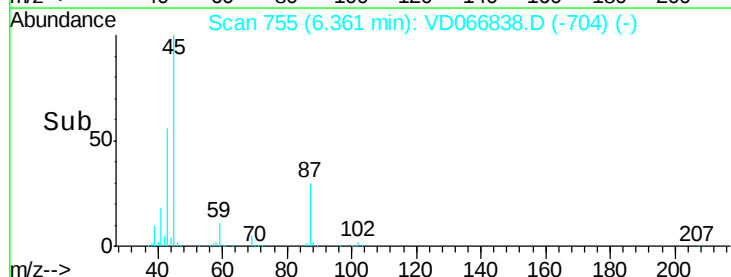
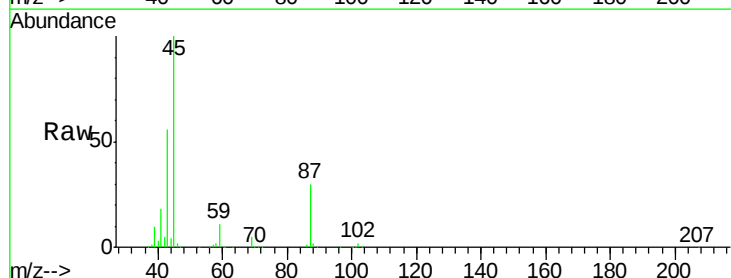
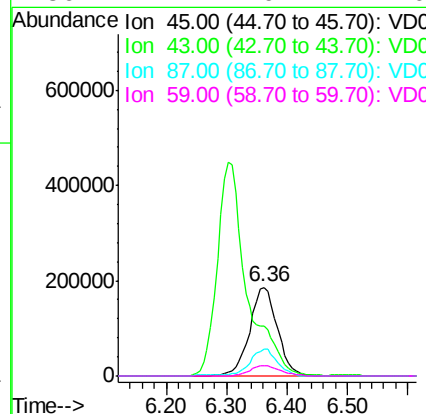
RT: 6.36 min Scan# 755

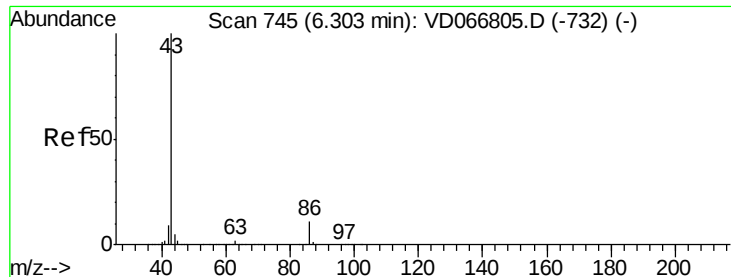
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	45	Resp:	591349
Ion	Ratio	Lower	Upper
45	100		
43	55.0	44.5	66.7
87	30.1	22.9	34.3
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 242.410 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1534982

Ion Ratio Lower Upper

43 100

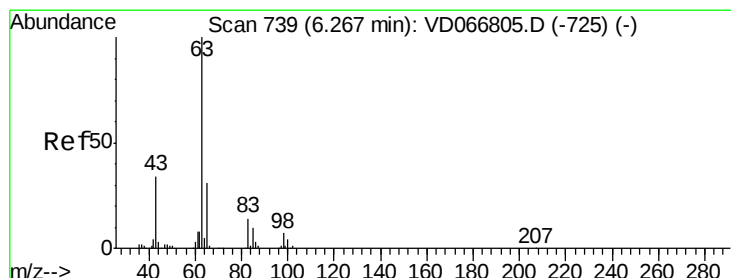
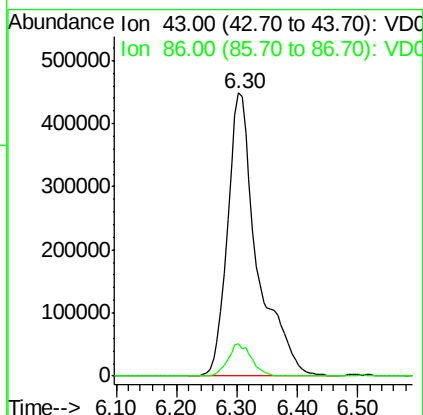
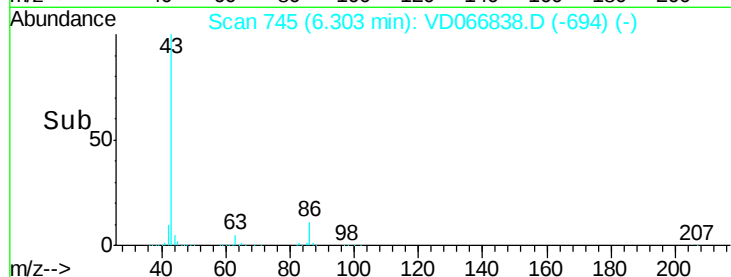
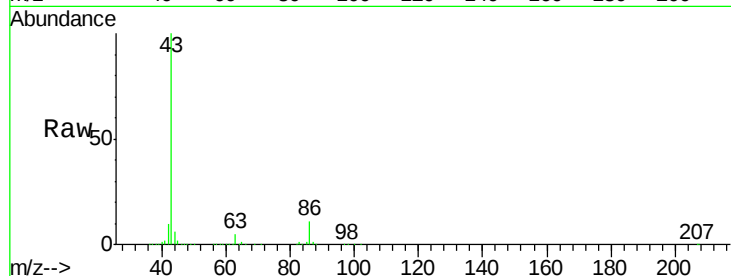
86 11.3 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.571 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

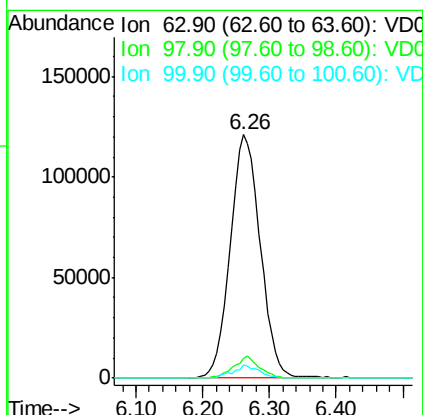
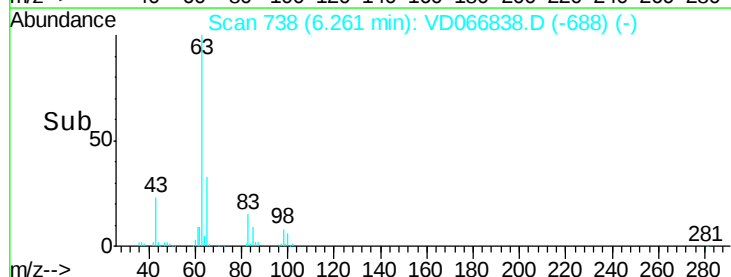
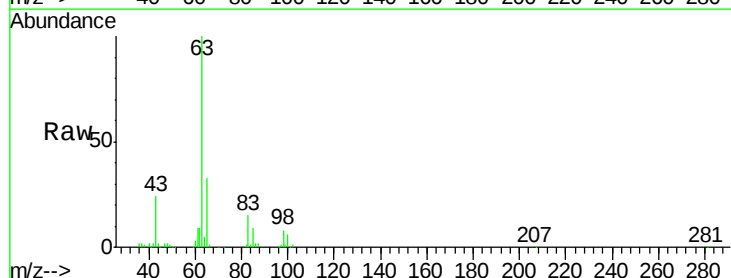
Tgt Ion: 63 Resp: 379097

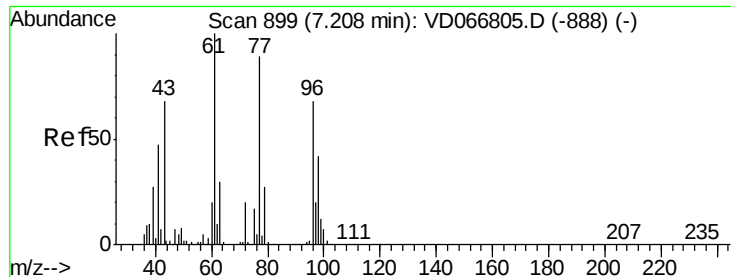
Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

100 5.6 1.8 5.5#





#25

2-Butanone

Concen: 243.174 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 239439

Ion Ratio Lower Upper

43 100

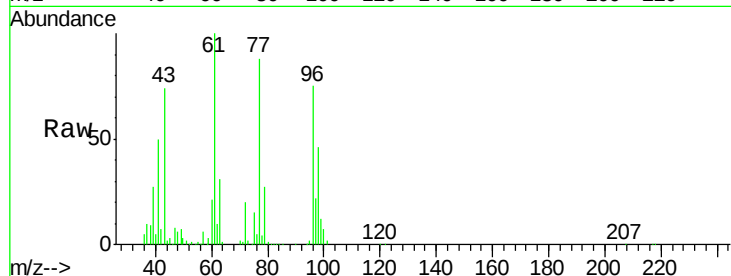
72 26.5 22.9 34.3

Manual Integrations

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MMDadoda

9/24/2020 1:36:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

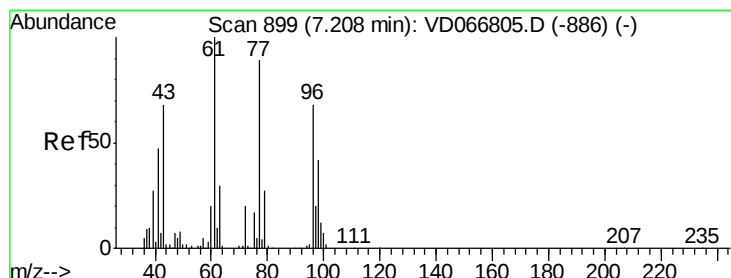
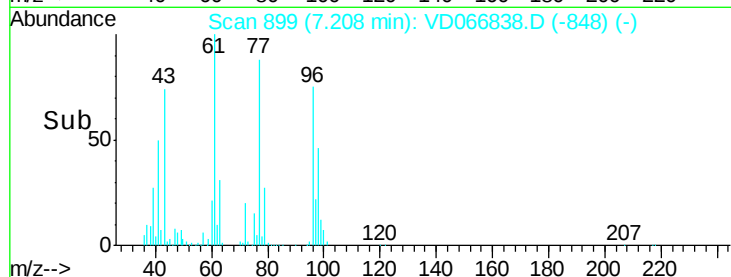
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25



#26

2,2-Dichloropropane

Concen: 45.737 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066838.D

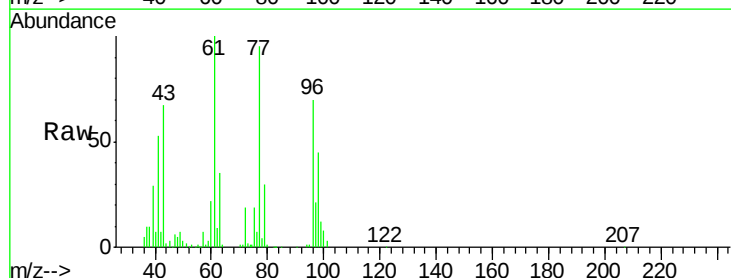
Acq: 23 Sep 2020 17:00

Tgt Ion: 77 Resp: 327191

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.20

120000

100000

80000

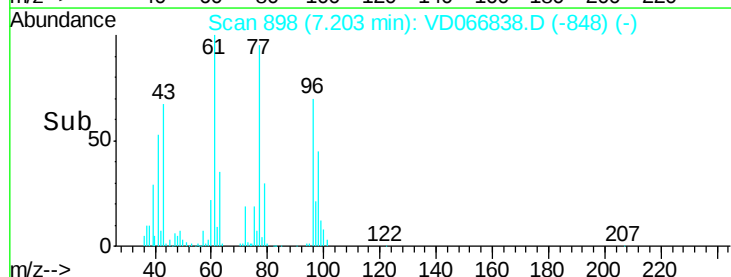
60000

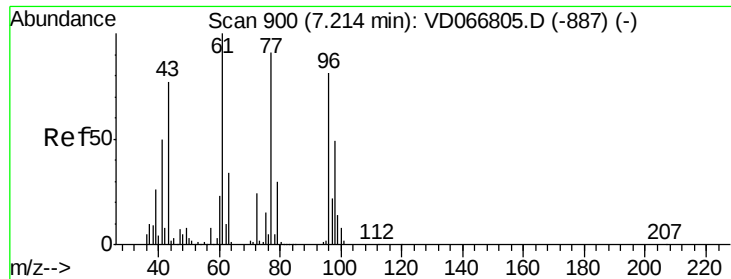
40000

20000

0

Time--> 7.10 7.20 7.30





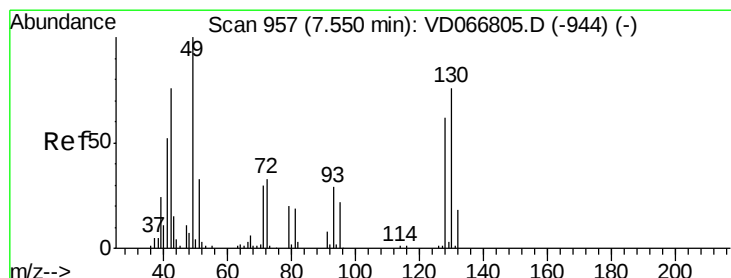
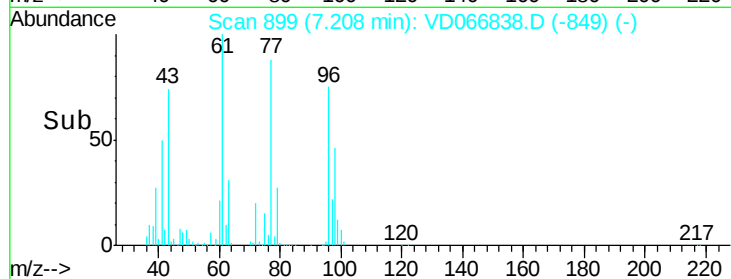
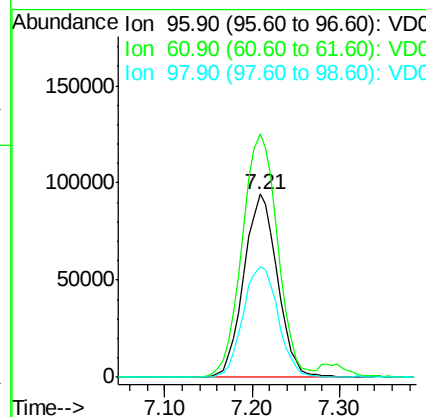
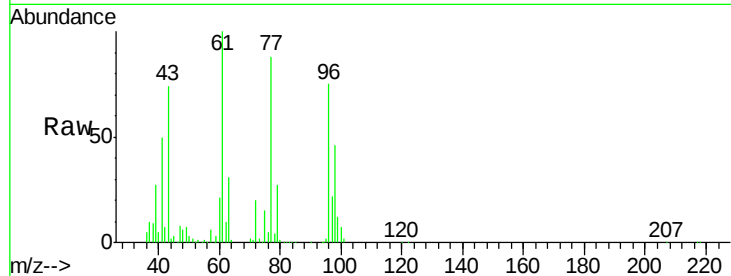
#27
 cis-1,2-Dichloroethene
 Concen: 50.534 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		245669		
61	140.4	0.0	283.8		
98	63.2	0.0	128.4		

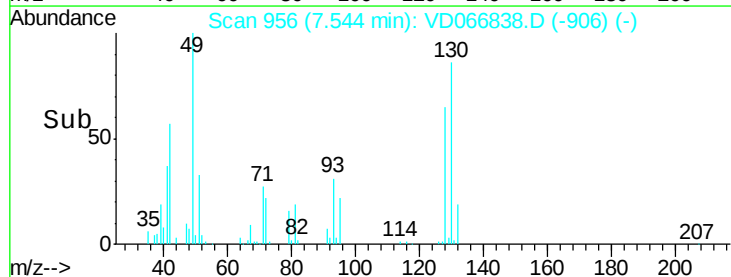
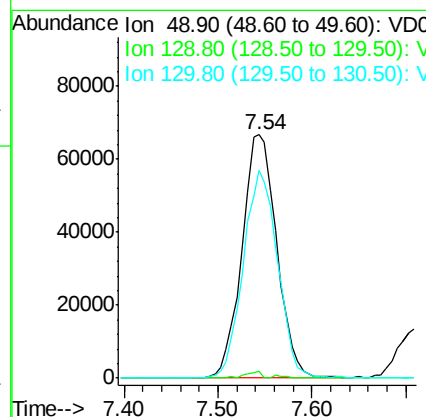
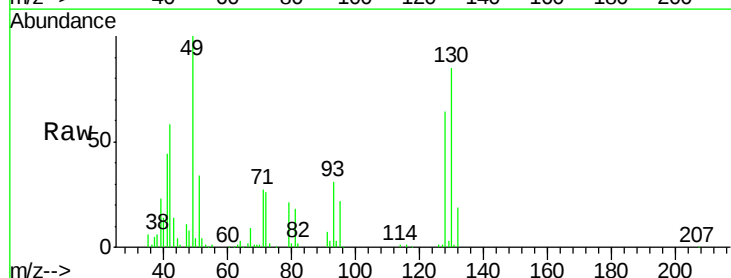
Manual Integrations
 APPROVED

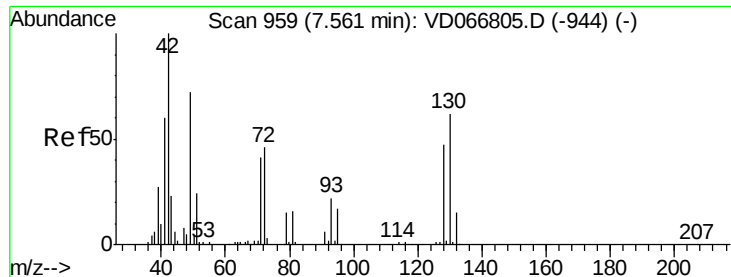
MMDadoda
 9/24/2020 1:36:50 PM



#28
 Bromochloromethane
 Concen: 53.053 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		171066		
129	1.2	0.0	2.0		
130	84.2	65.9	98.9		





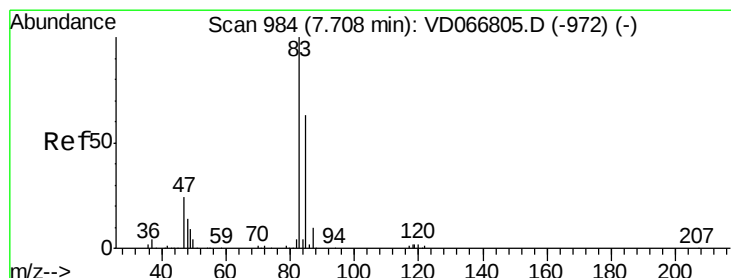
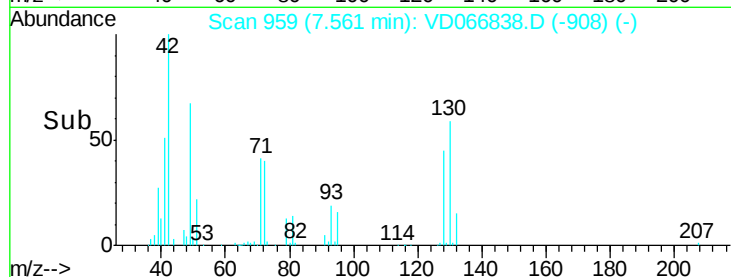
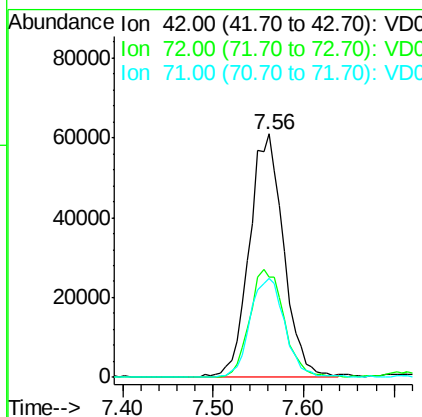
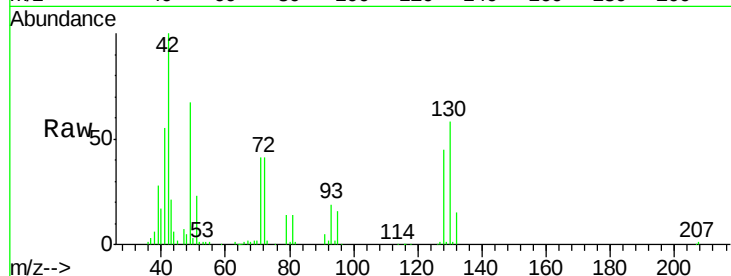
#29
Tetrahydrofuran
Concen: 254.307 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.2	54.4
71	41.3	32.4	48.6

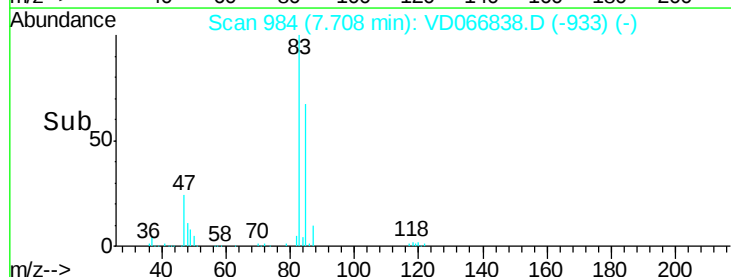
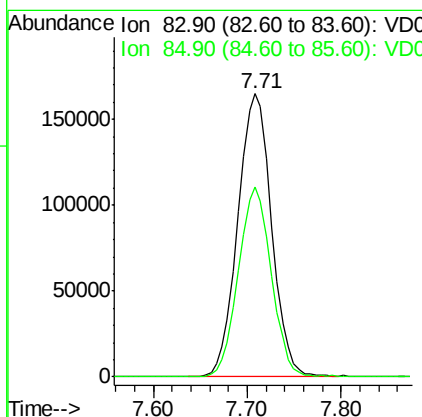
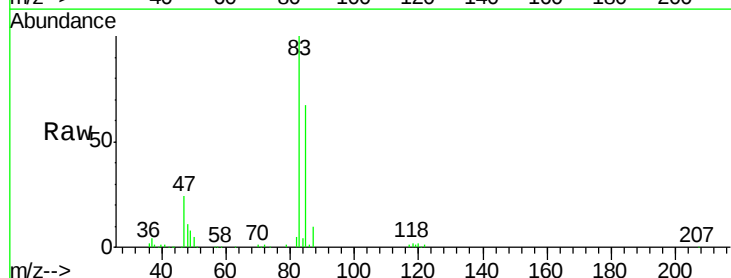
Manual Integrations
APPROVED

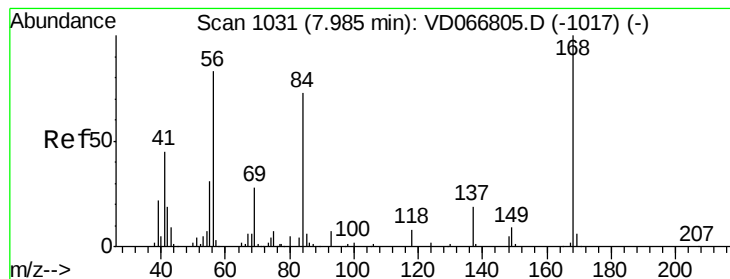
MMDadoda
9/24/2020 1:36:50 PM



#30
Chloroform
Concen: 48.735 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.6	75.8





#31

Cyclohexane

Concen: 45.552 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 319909

Ion Ratio Lower Upper

56 100

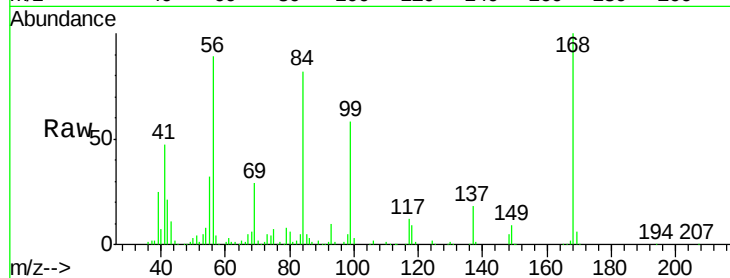
69 32.4 27.0 40.4

84 90.2 70.2 105.4

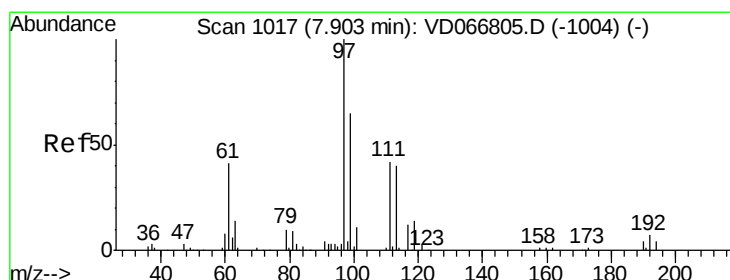
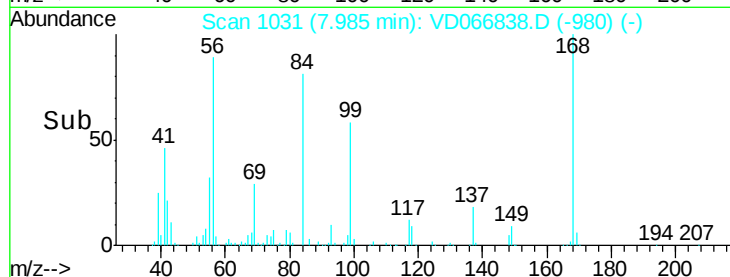
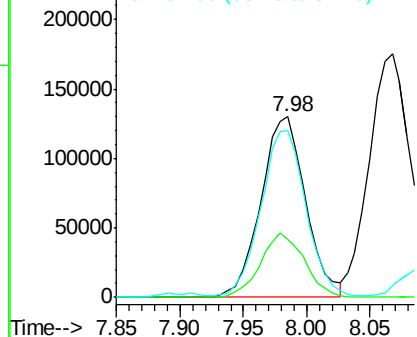
Manual Integrations
APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 48.041 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

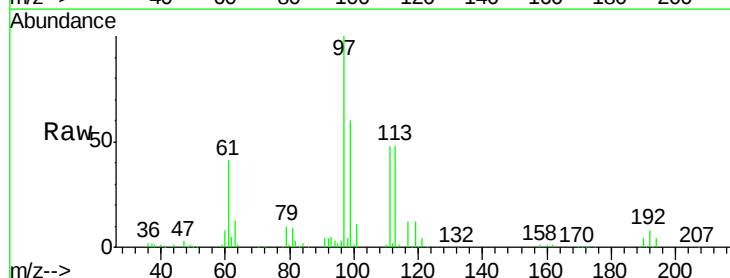
Tgt Ion: 97 Resp: 365630

Ion Ratio Lower Upper

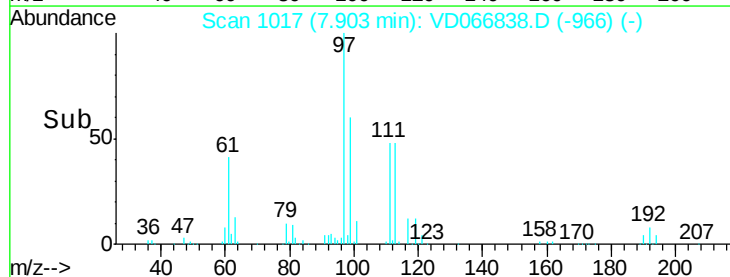
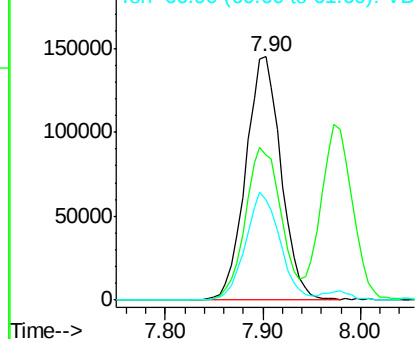
97 100

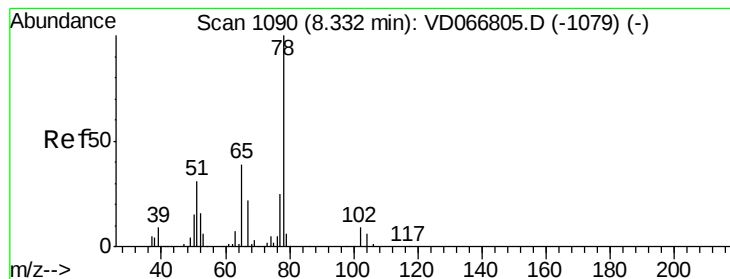
99 63.5 51.5 77.3

61 42.8 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 191300

Ion Ratio Lower Upper

65 100

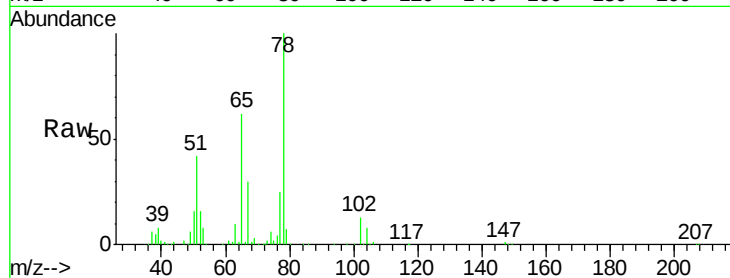
67 51.6 0.0 107.2

Manual Integrations

APPROVED

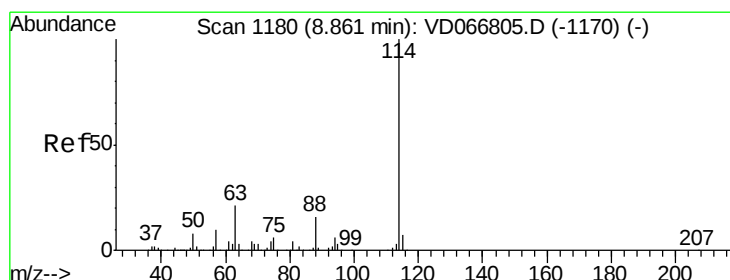
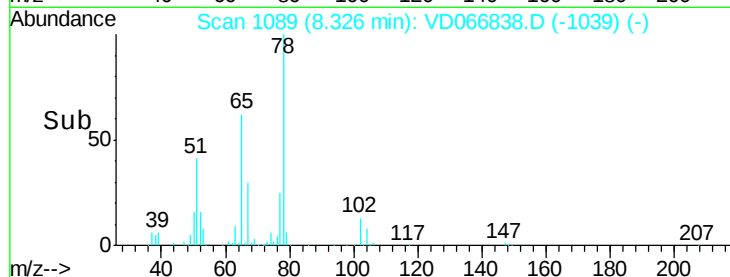
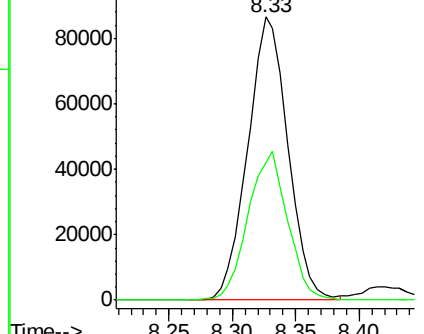
MMDadoda

9/24/2020 1:36:50 PM



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

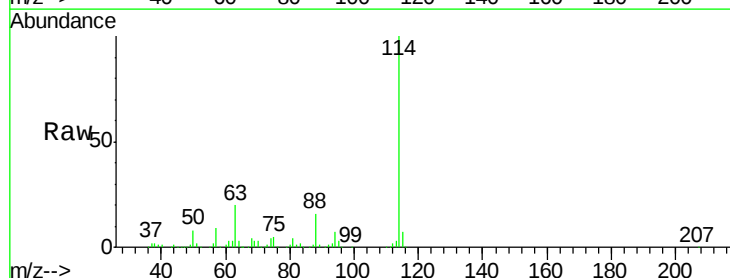
Tgt Ion: 114 Resp: 619312

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

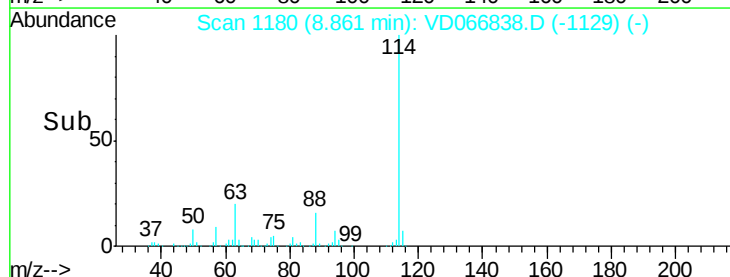
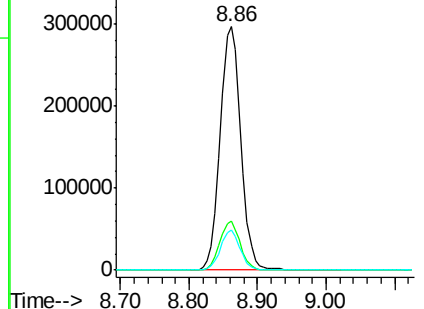
88 16.3 0.0 32.6

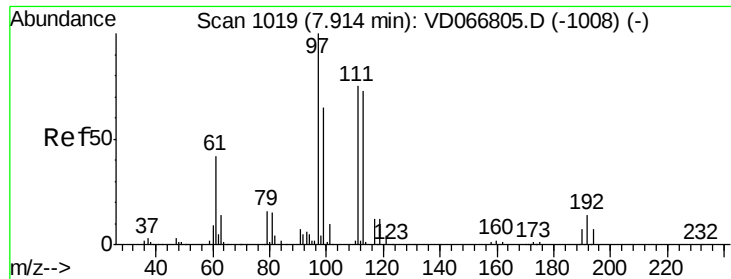


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





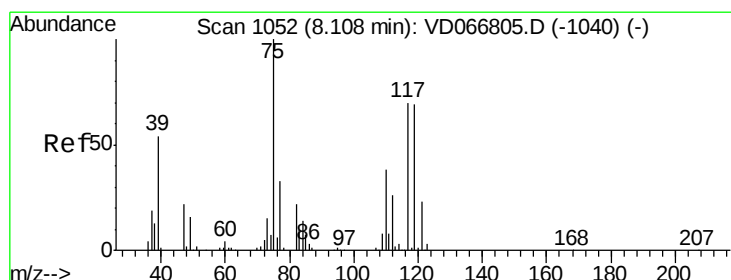
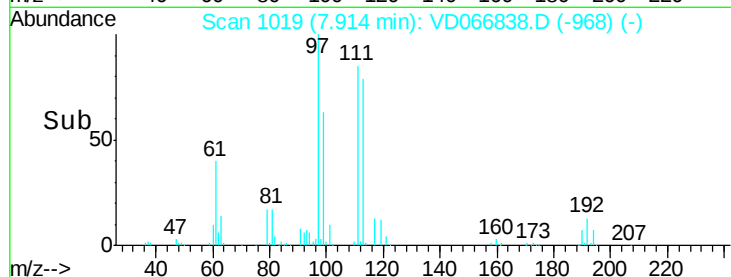
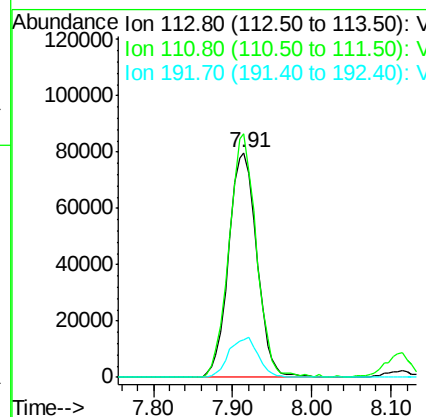
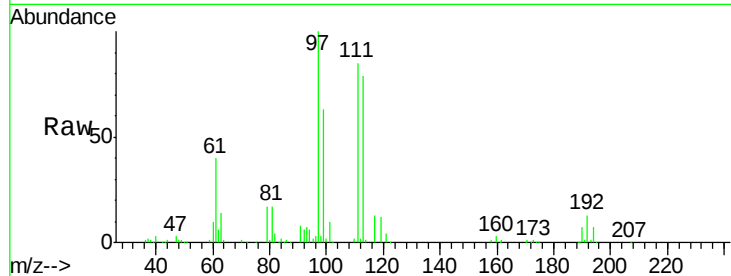
#35
 Dibromofluoromethane
 Concen: 49.965 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	196867		
111	104.6	81.8	122.8	
192	18.3	14.4	21.6	

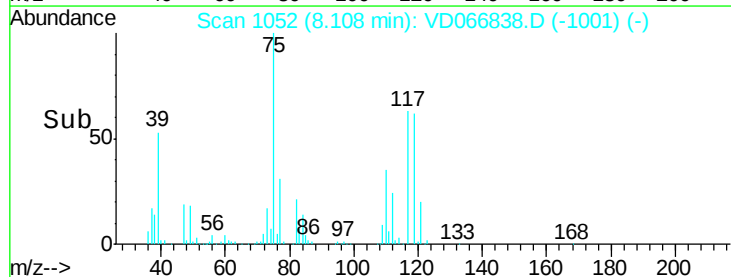
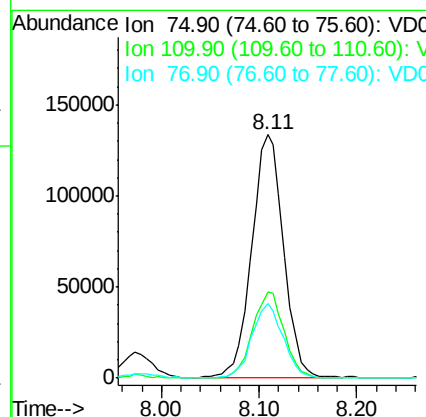
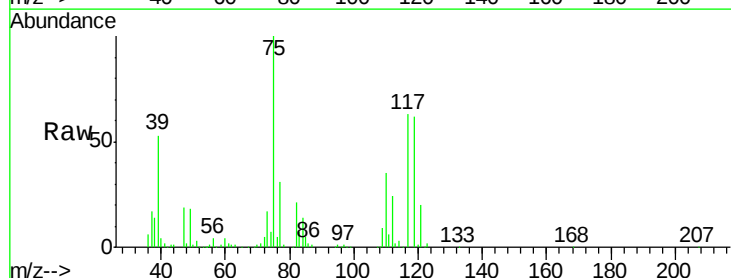
Manual Integrations
 APPROVED

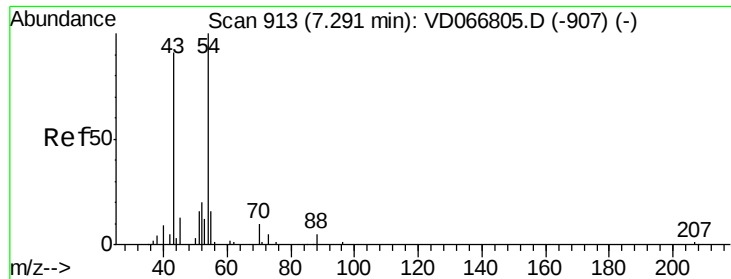
MMDadoda
 9/24/2020 1:36:50 PM



#36
 1,1-Dichloropropene
 Concen: 49.428 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	303687		
110	35.6	17.9	53.8	
77	30.7	25.0	37.6	





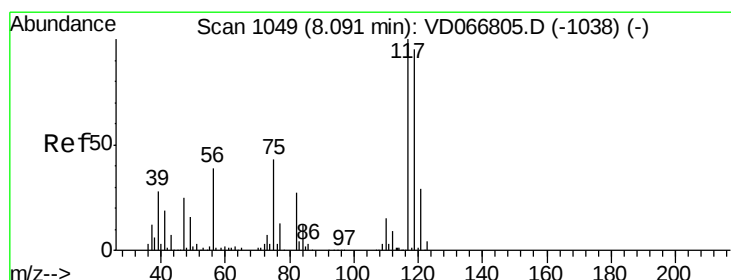
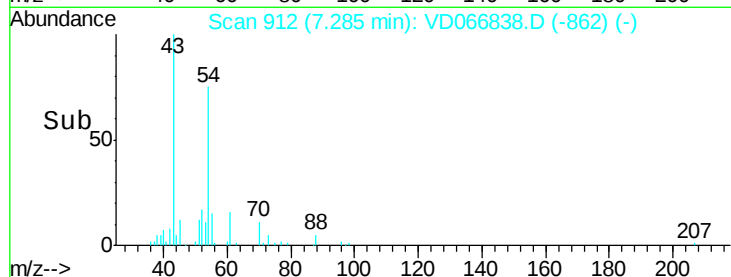
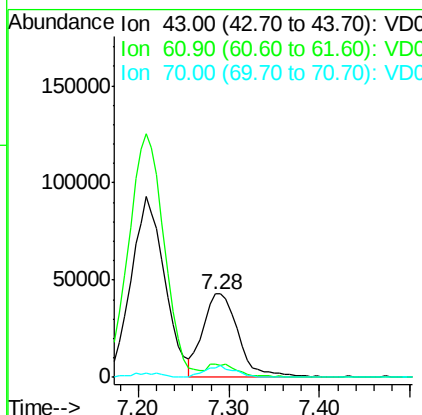
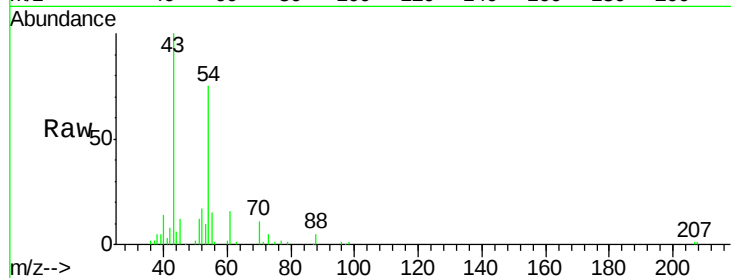
#37
Ethyl Acetate
Concen: 52.127 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.8	14.8
70	11.7	8.5	12.7

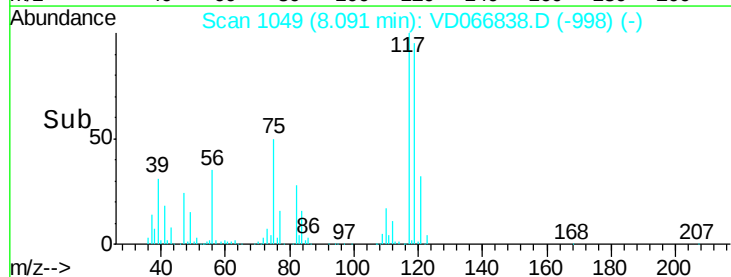
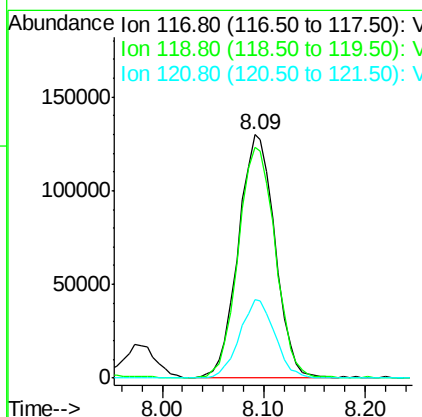
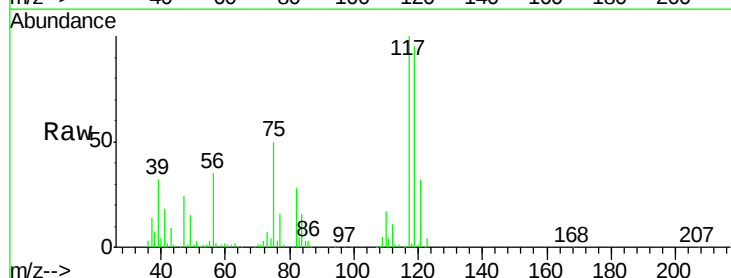
Manual Integrations
APPROVED

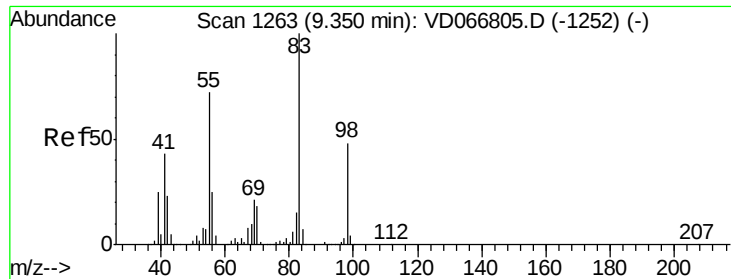
MMDadoda
9/24/2020 1:36:50 PM



#38
Carbon Tetrachloride
Concen: 48.099 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.8
121	32.5	23.4	35.0





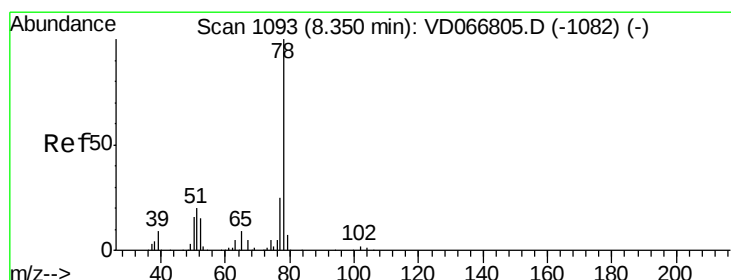
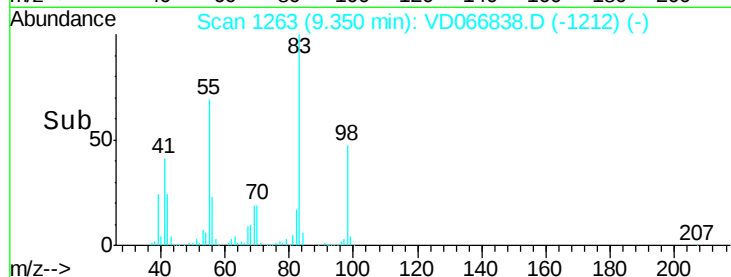
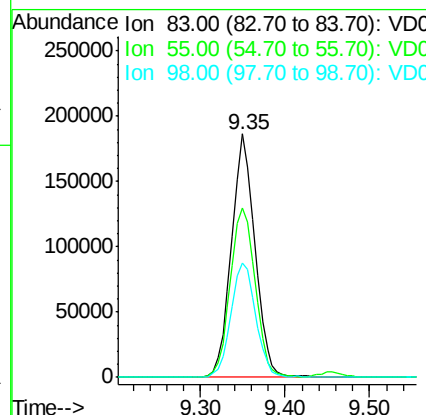
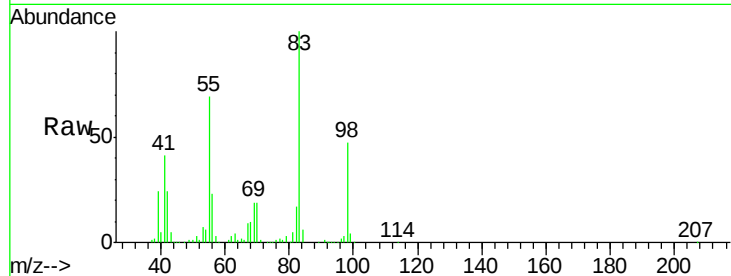
#39
Methvlcvclohexane
Concen: 50.925 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	57.7	86.5
98	46.7	38.4	57.6

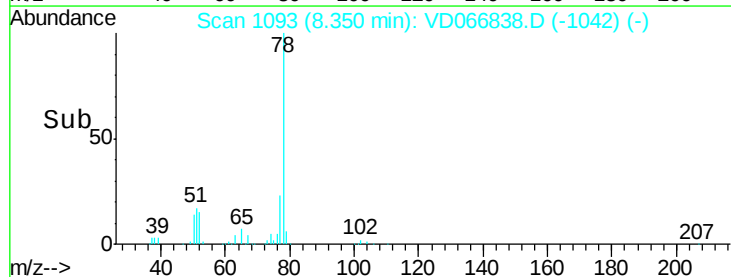
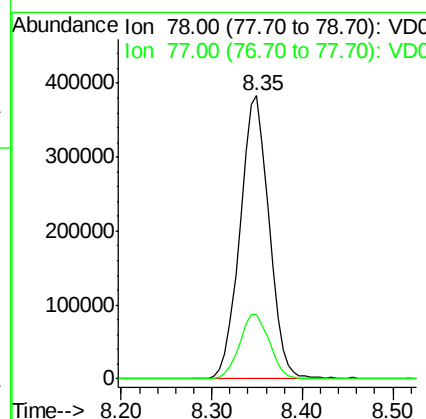
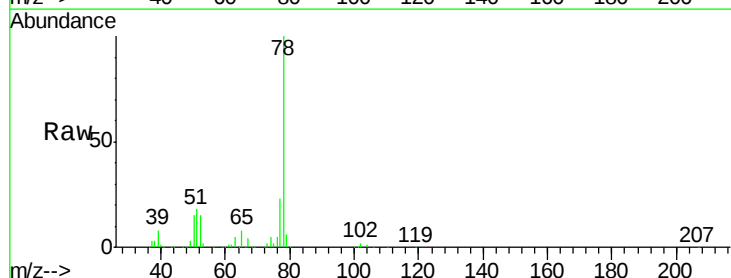
Manual Integrations
APPROVED

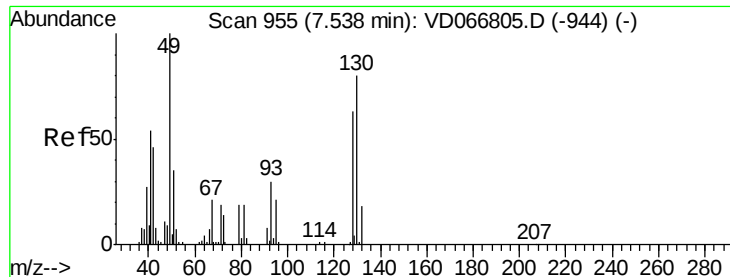
MMDadoda
9/24/2020 1:36:50 PM



#40
Benzene
Concen: 49.960 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.9	29.9





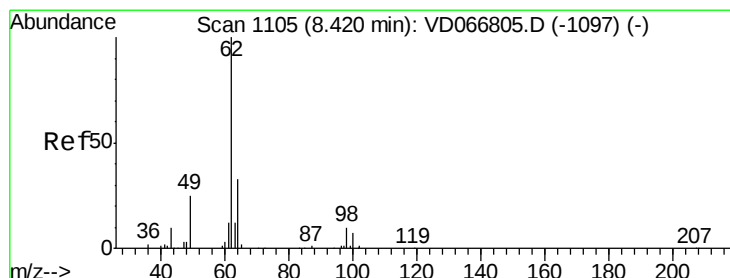
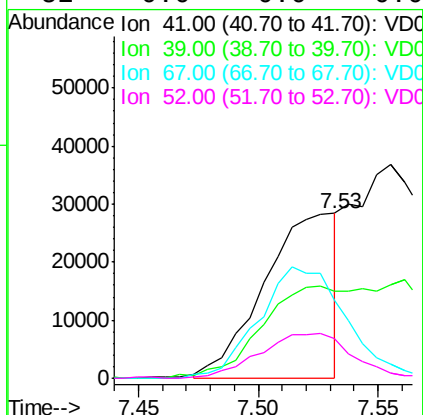
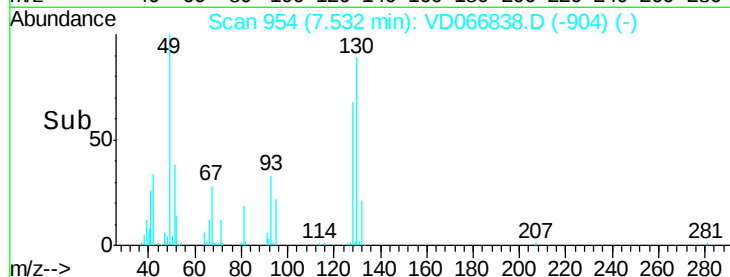
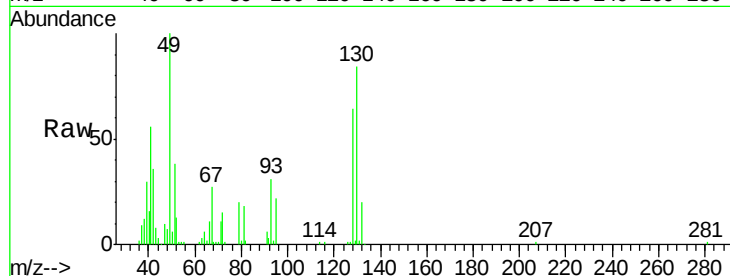
#41
Methacrylonitrile
Concen: 44.185 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	60354
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

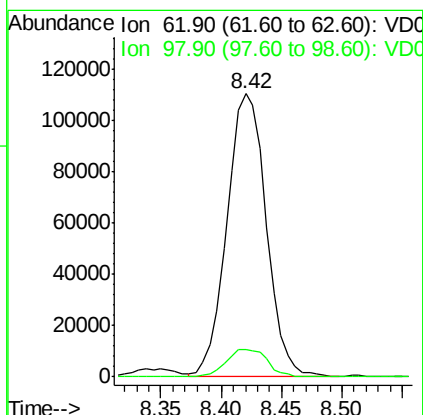
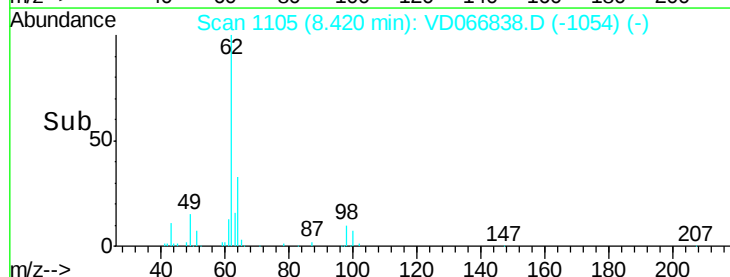
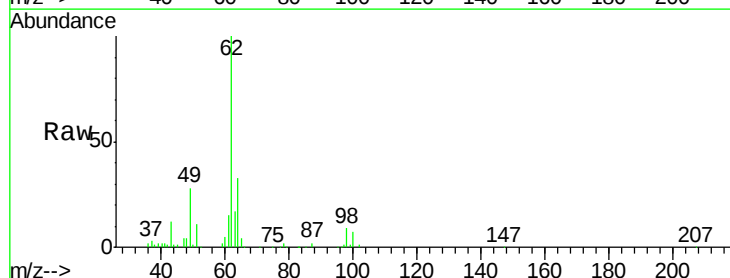
Manual Integrations
APPROVED

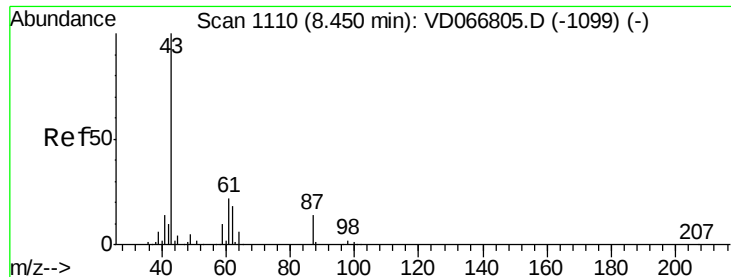
MMDadoda
9/24/2020 1:36:50 PM



#42
1,2-Dichloroethane
Concen: 49.375 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	62	Resp	249942
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.994 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

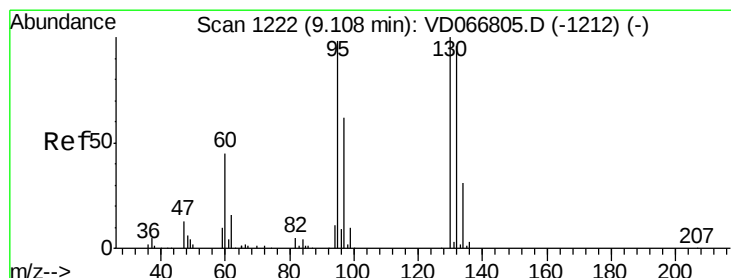
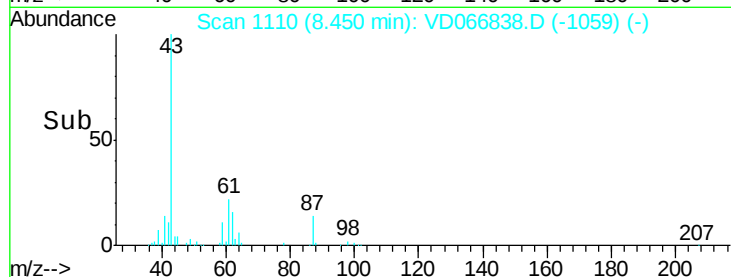
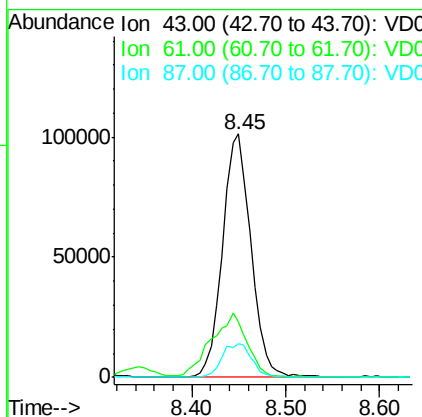
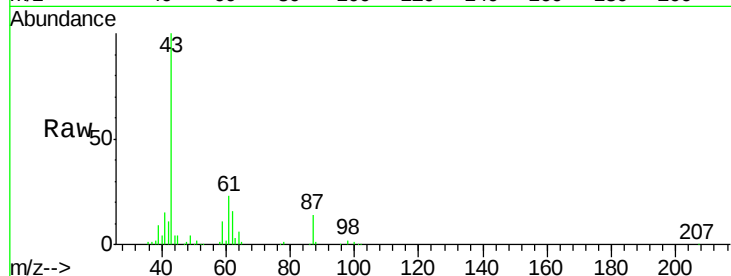
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	214085
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	14.5	11.5	17.3

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#44

Trichloroethene

Concen: 49.428 ug/l

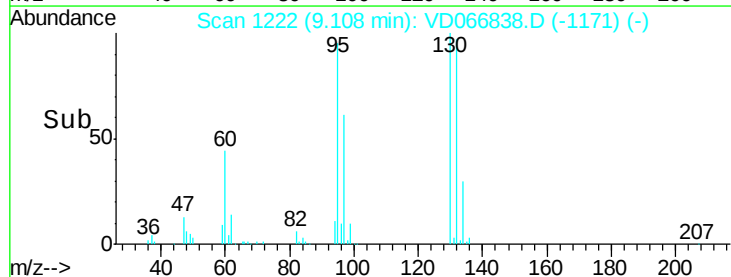
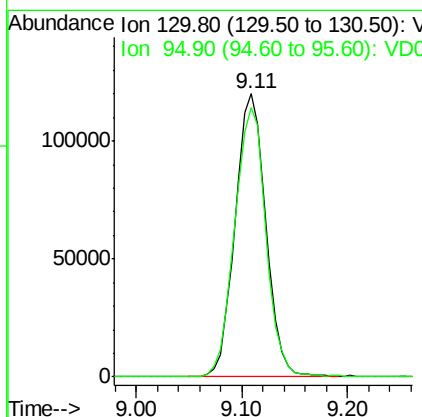
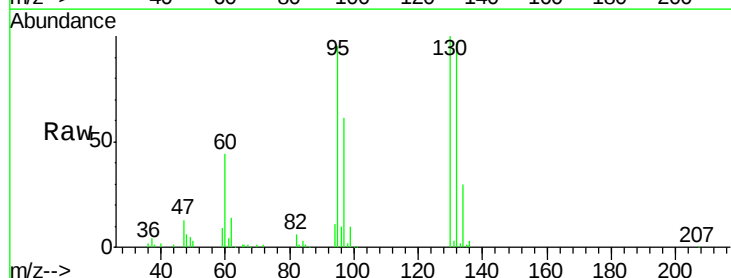
RT: 9.11 min Scan# 1222

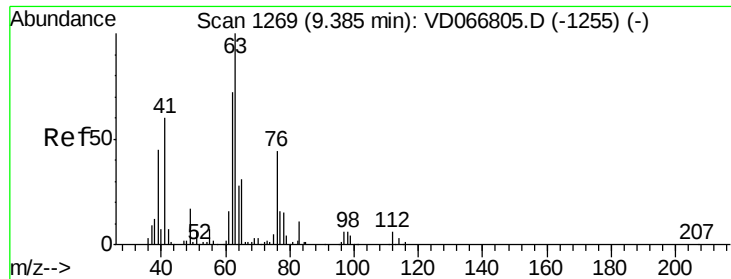
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	130	Resp:	241244
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	197.0





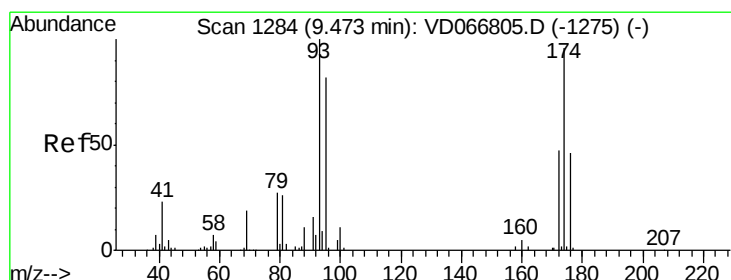
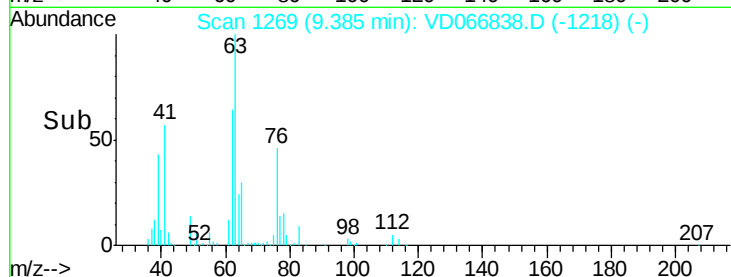
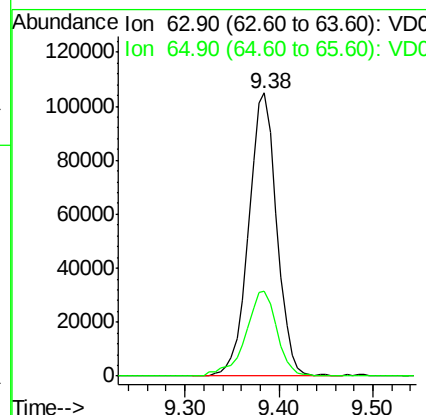
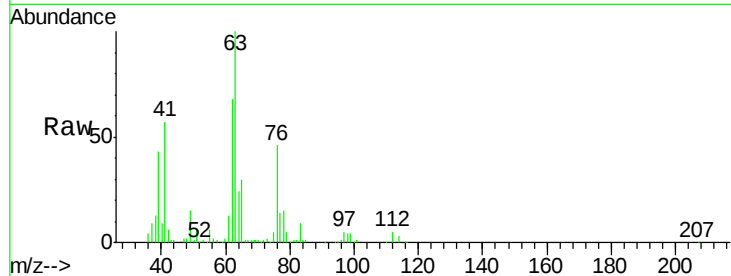
#45
 1,2-Dichloropropane
 Concen: 50.240 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.7	37.1

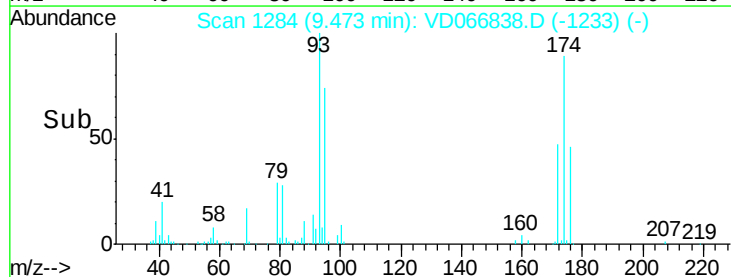
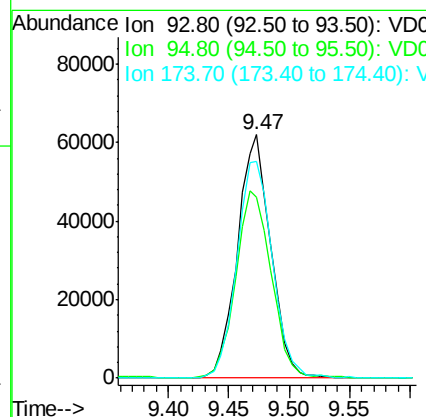
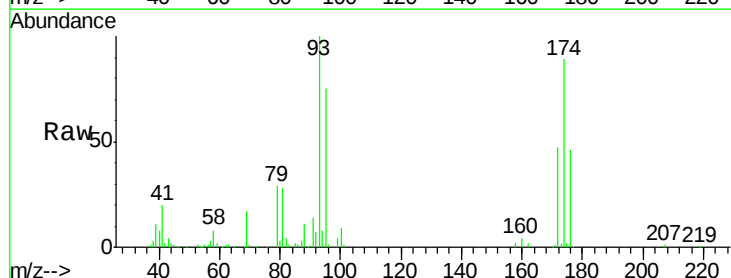
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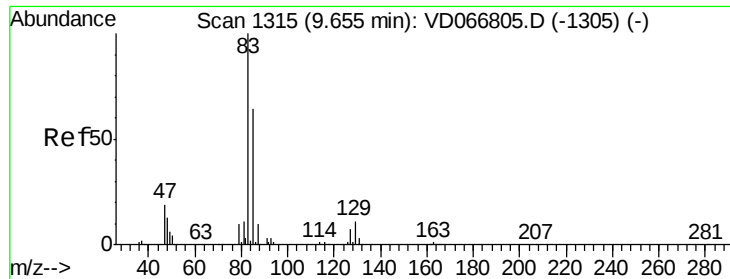
MMDadoda
 9/24/2020 1:36:50 PM



#46
 Dibromomethane
 Concen: 50.897 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.3	97.9
174	95.3	75.4	113.2





#47

Bromodichloromethane

Concen: 50.079 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

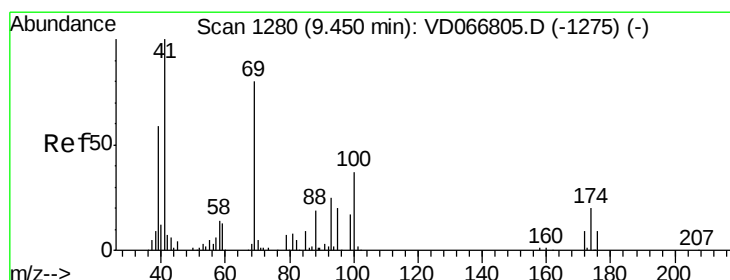
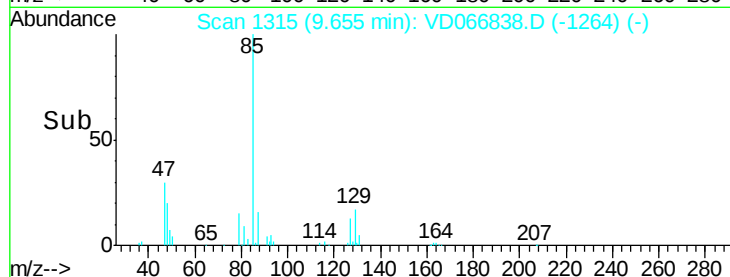
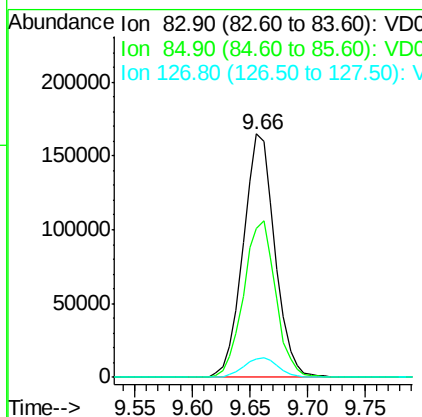
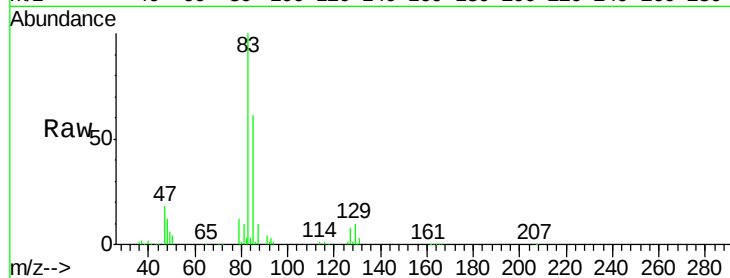
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	314902
Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.9	76.3
127	7.7	5.9	8.9

Manual Integrations
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MMDadoda
9/24/2020 1:36:50 PM



#48

Methyl methacrylate

Concen: 50.176 ug/l

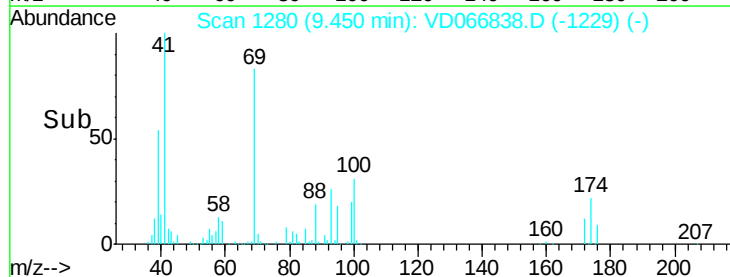
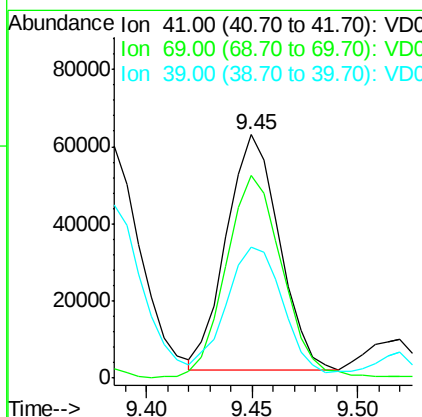
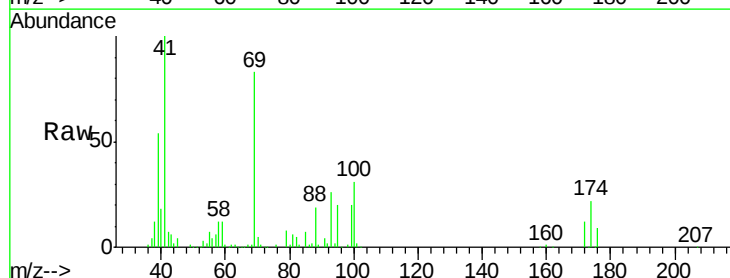
RT: 9.45 min Scan# 1280

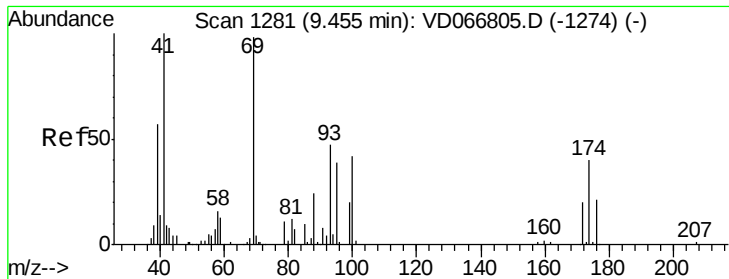
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	41	Resp:	105939
Ion	Ratio	Lower	Upper
41	100		
69	92.2	74.5	111.7
39	55.3	47.0	70.6





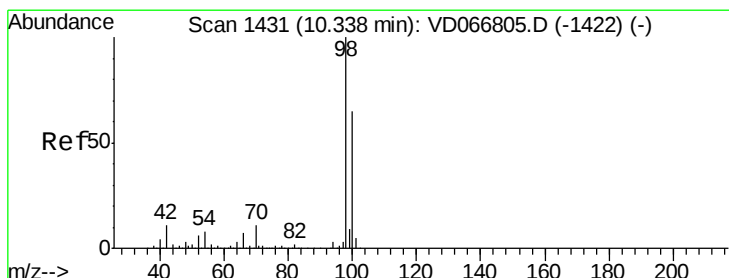
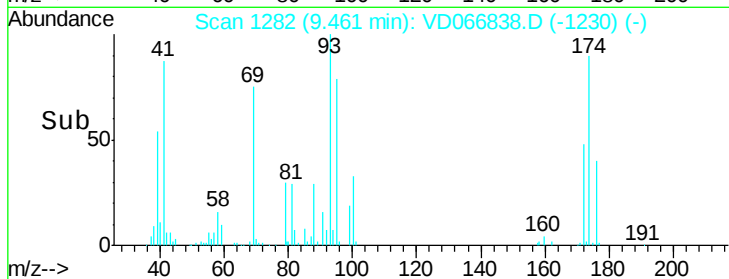
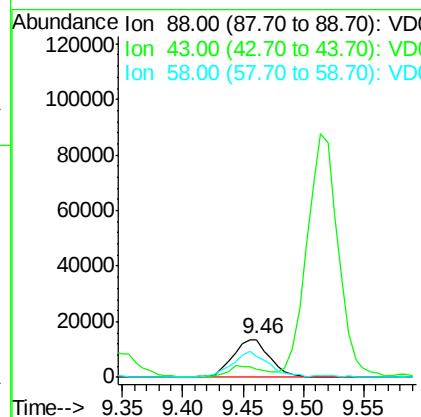
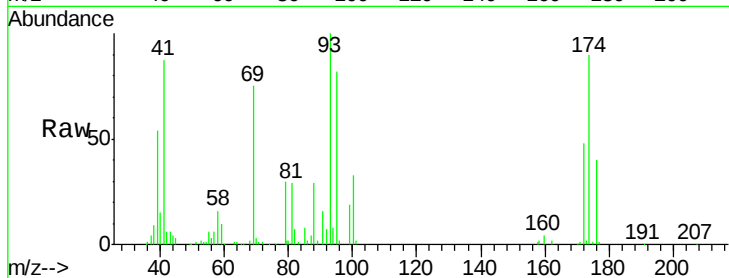
#49
1,4-Dioxane
Concen: 1114.599 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	27.7	41.5
58	65.6	55.5	83.3

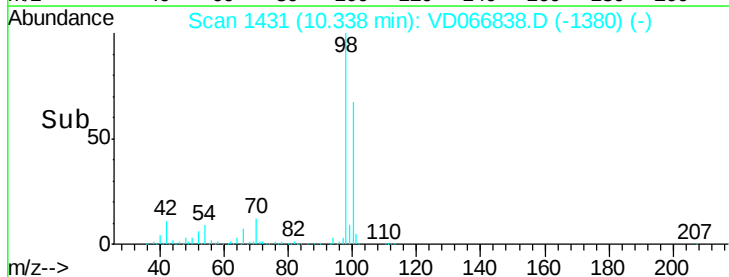
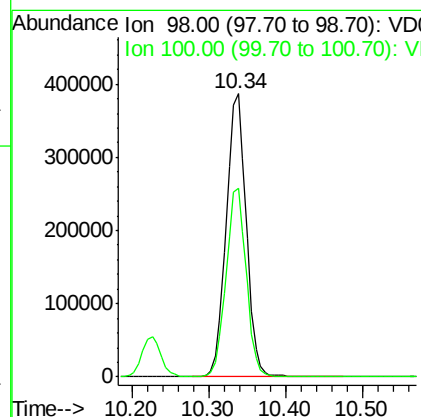
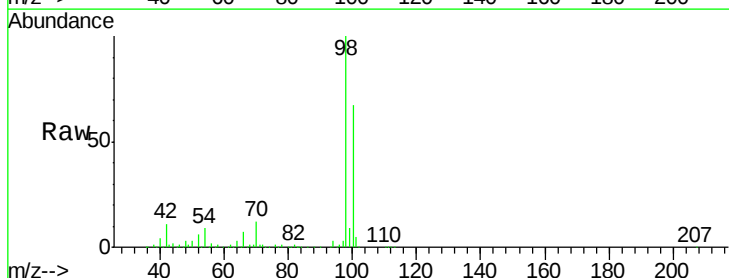
Manual Integrations
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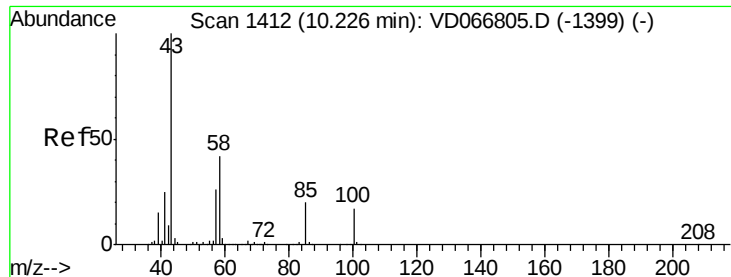
MMDadoda
9/24/2020 1:36:50 PM



#50
Toluene-d8
Concen: 52.281 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2





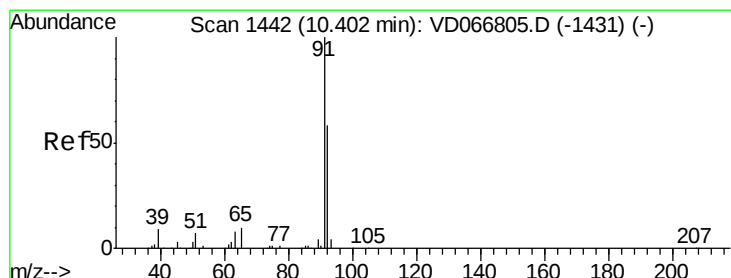
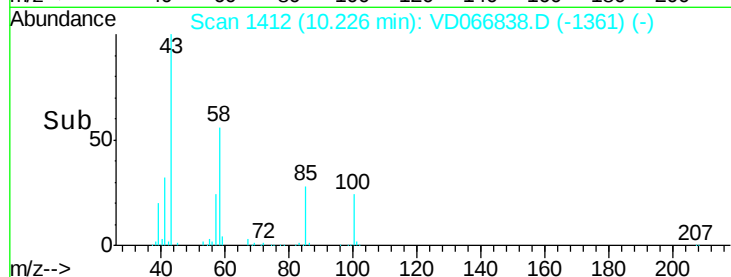
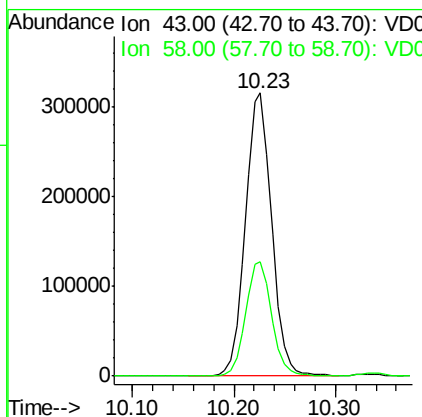
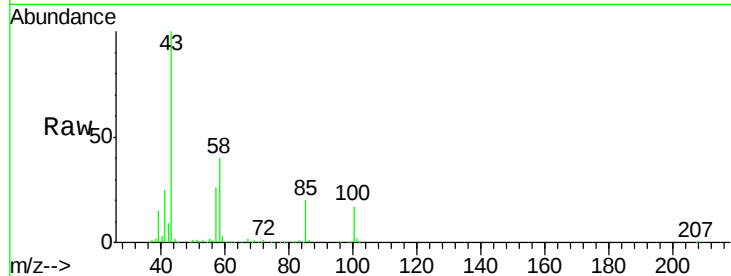
#51
4-Methyl-2-Pentanone
Concen: 260.370 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	564959
Ion Ratio	43	100	
Lower	58	40.0	32.2
Upper			48.4

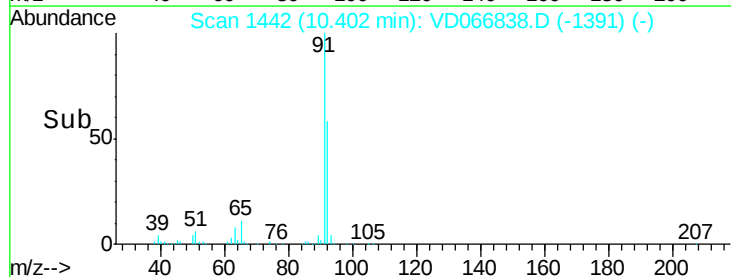
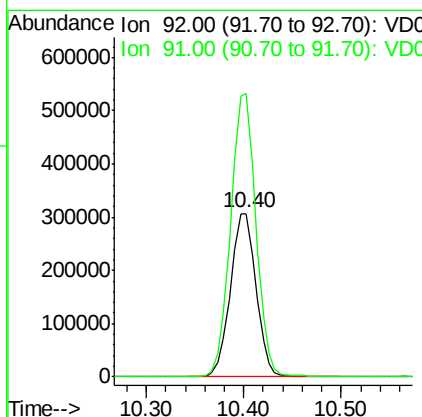
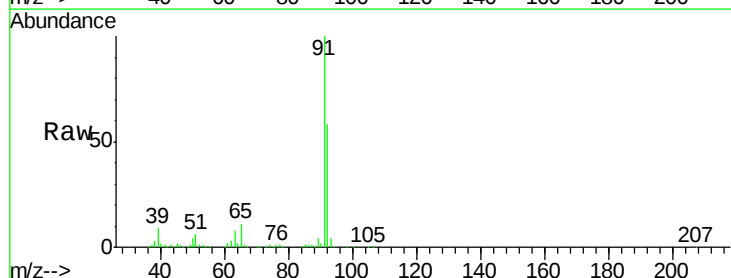
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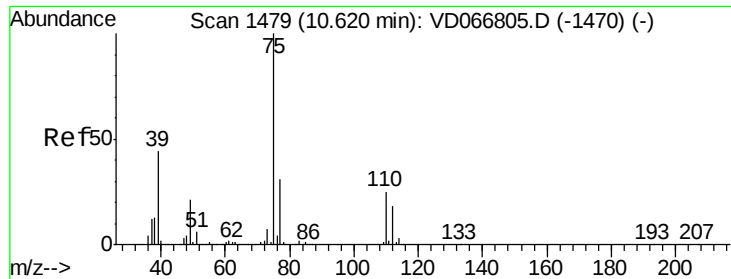
MMDadoda
9/24/2020 1:36:50 PM



#52
Toluene
Concen: 51.034 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	92	Resp	562894
Ion Ratio	92	100	
Lower	91	170.4	134.6
Upper			202.0





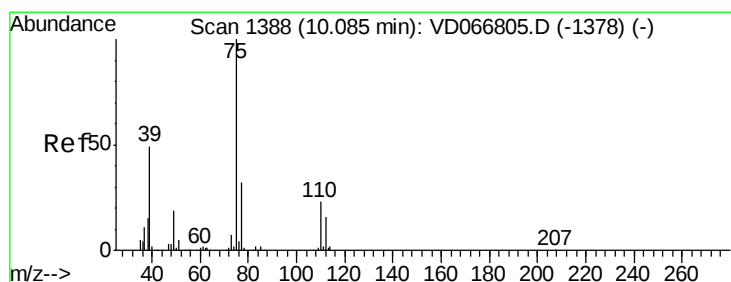
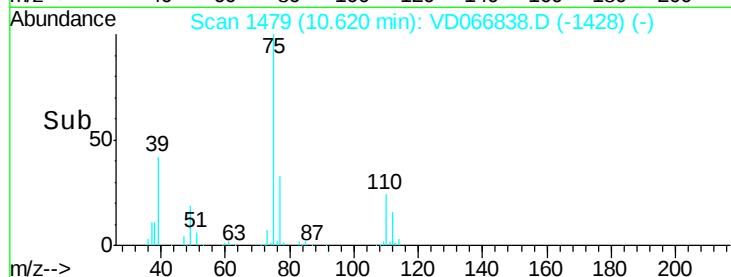
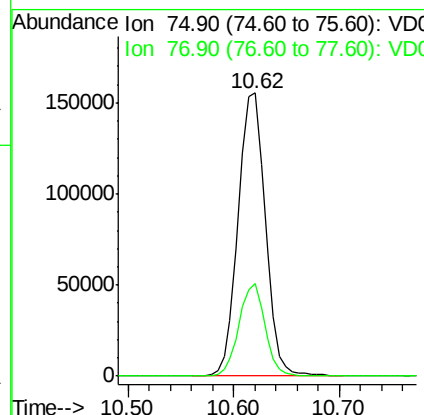
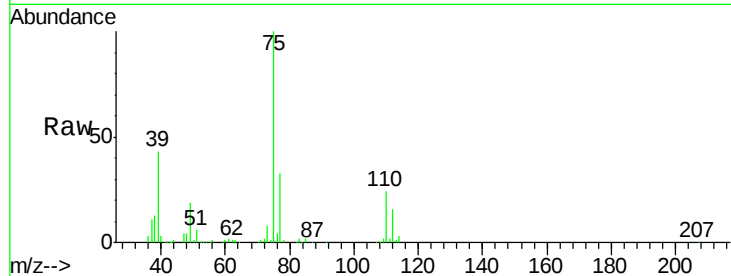
#53
t-1,3-Dichloropropene
Concen: 51.943 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion: 75 Resp: 278003
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7

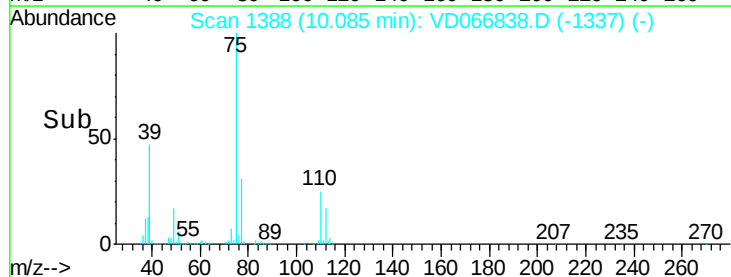
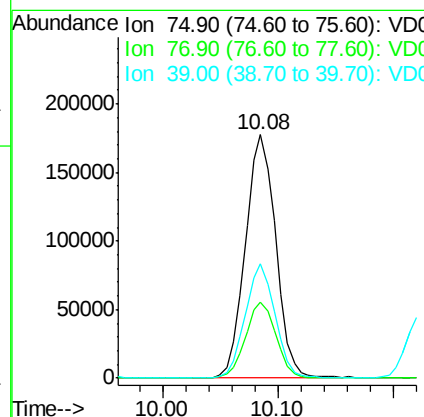
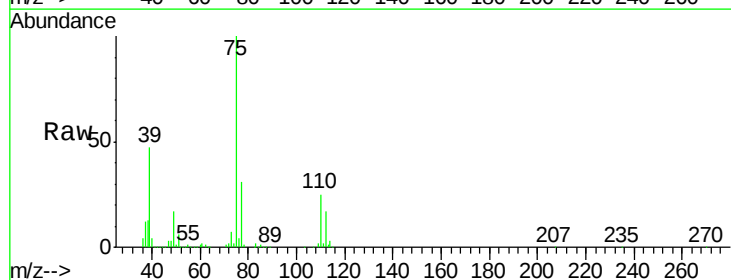
Manual Integrations
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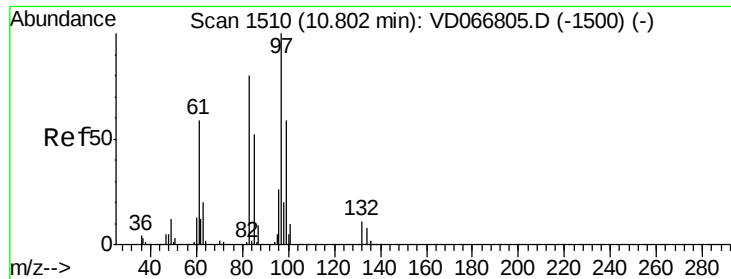
MMDadoda
9/24/2020 1:36:50 PM



#54
cis-1,3-Dichloropropene
Concen: 49.763 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 75 Resp: 324749
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 47.0 39.2 58.8





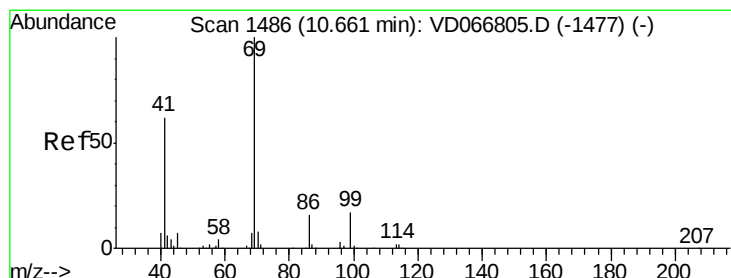
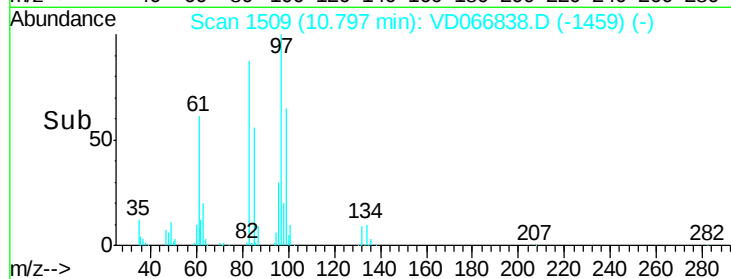
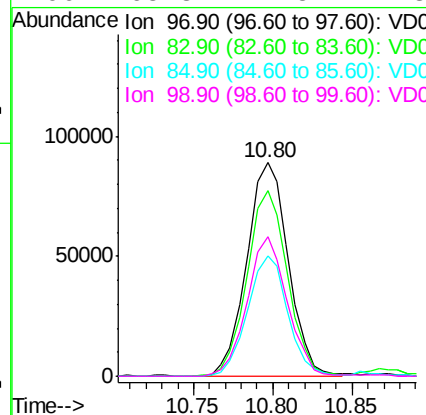
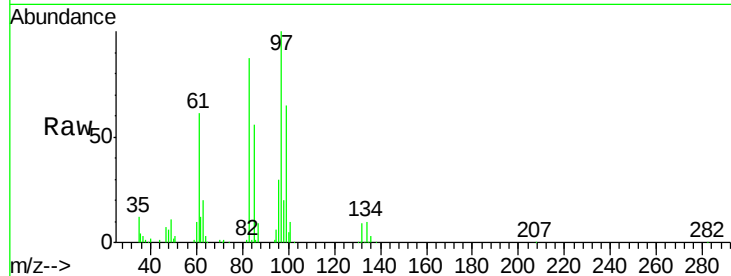
#55
 1,1,2-Trichloroethane
 Concen: 50.323 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	161935
Ion	Ratio	Lower	Upper
97	100		
83	86.5	64.2	96.2
85	56.4	41.9	62.9
99	65.3	47.5	71.3

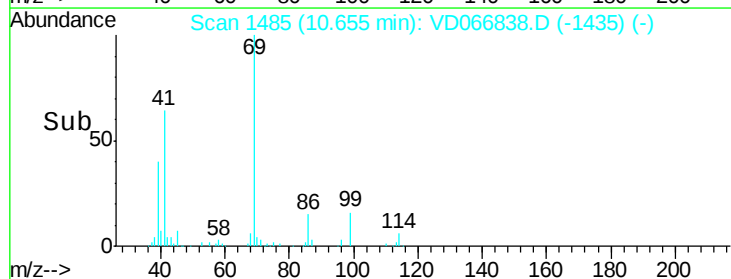
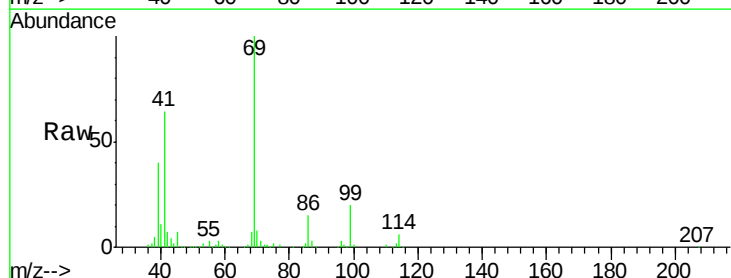
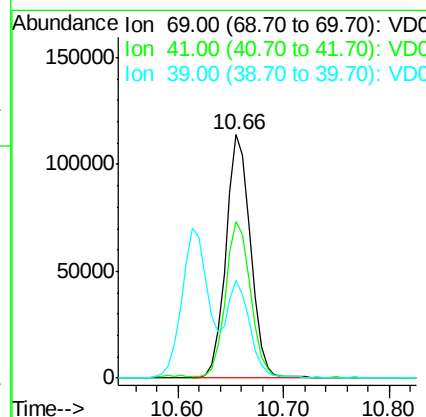
Manual Integrations
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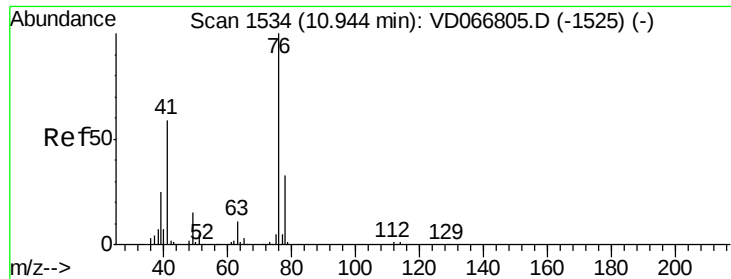
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#56
 Ethyl methacrylate
 Concen: 53.528 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion:	69	Resp:	184527
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	37.8	26.6	40.0





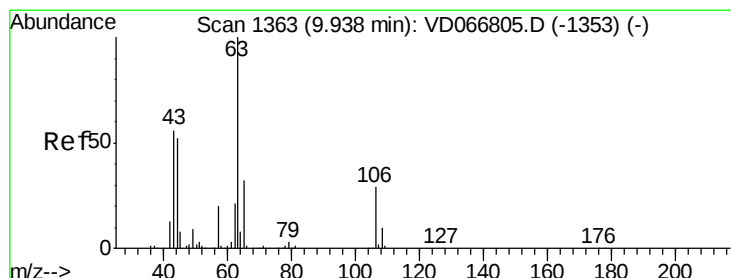
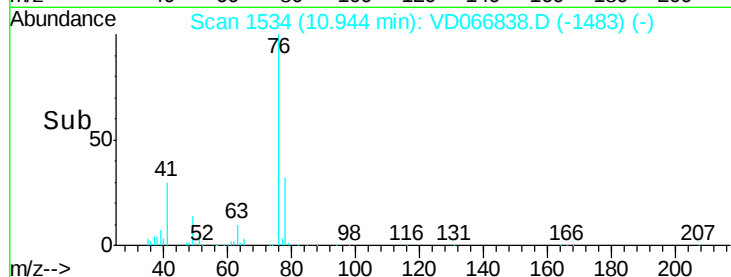
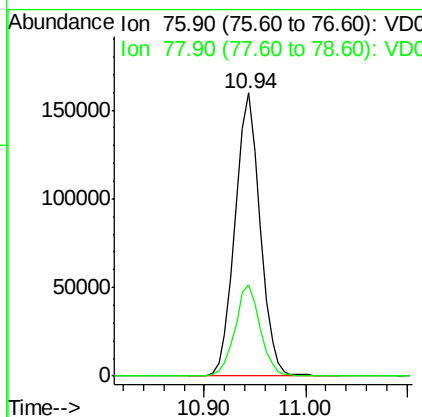
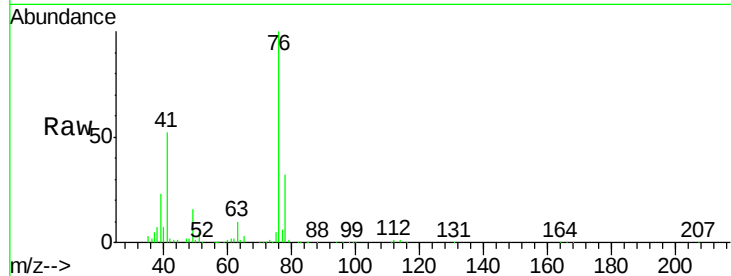
#57
 1,3-Dichloropropane
 Concen: 51.750 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

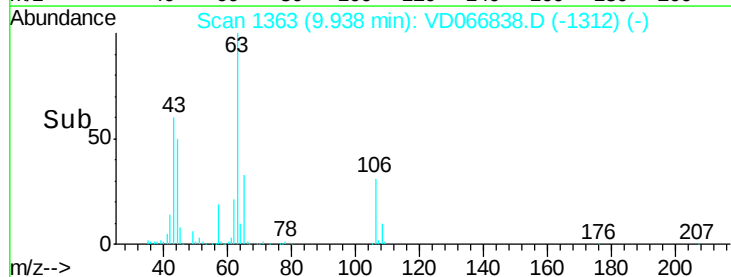
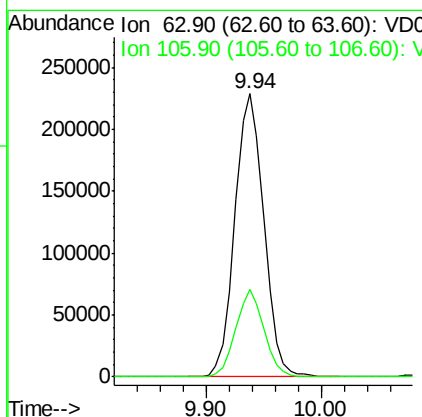
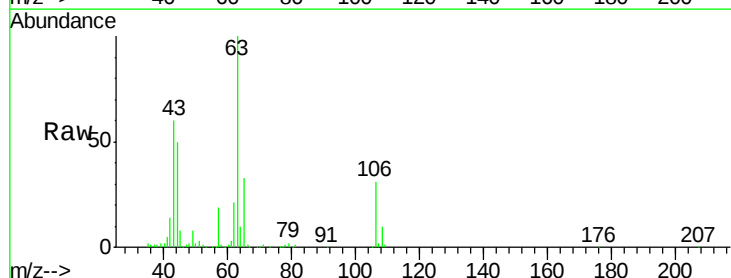
Manual Integrations
 APPROVED

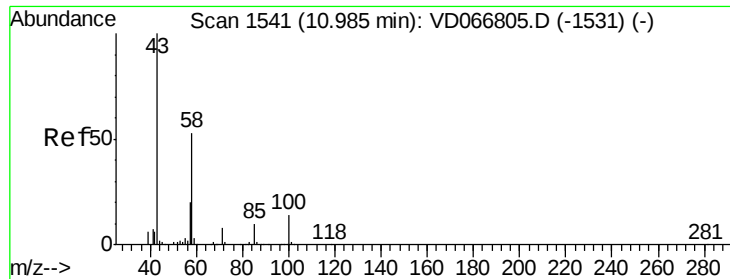
MMDadoda
 9/24/2020 1:36:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.545 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.8	35.6





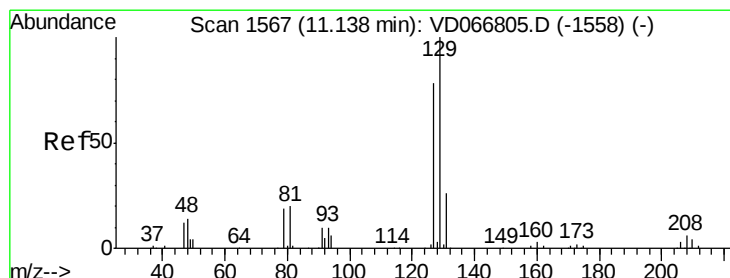
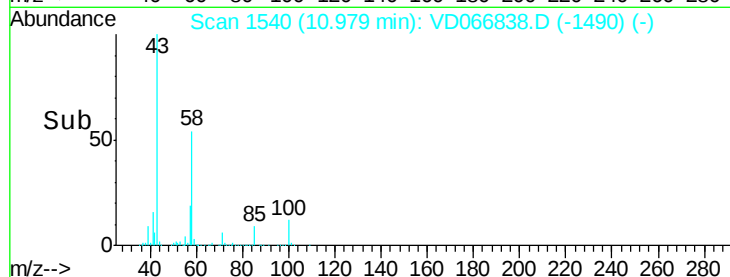
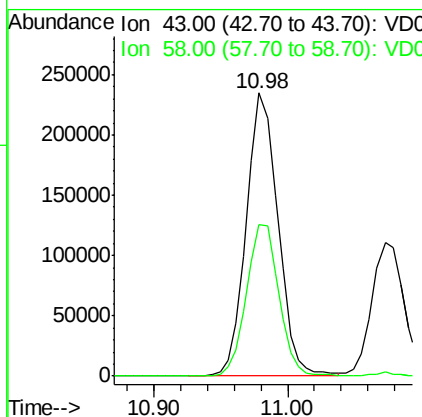
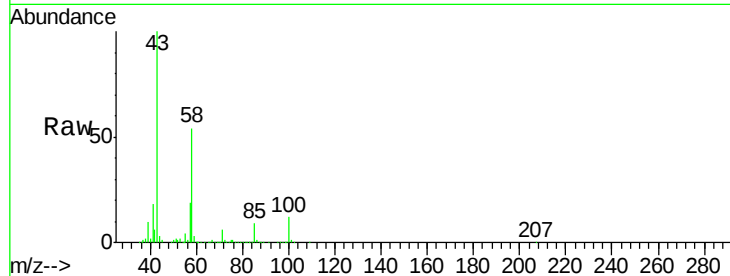
#59
2-Hexanone
Concen: 263.856 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 386095
Ion Ratio Lower Upper
43 100
58 54.7 27.0 80.8

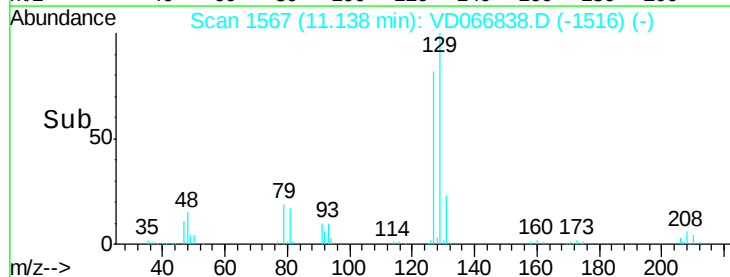
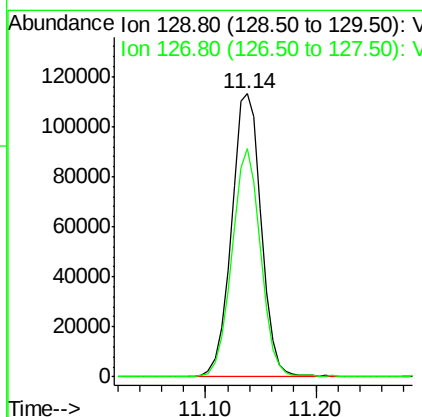
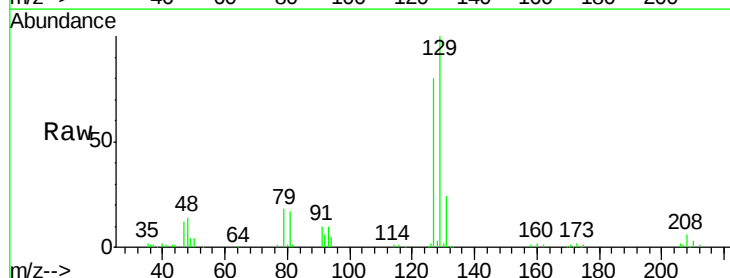
Manual Integrations
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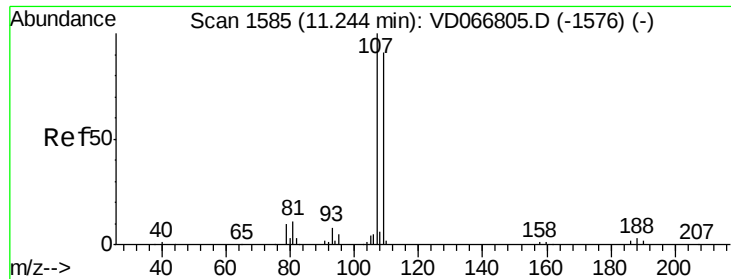
MMDadoda
9/24/2020 1:36:50 PM



#60
Dibromochloromethane
Concen: 50.663 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 129 Resp: 212774
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





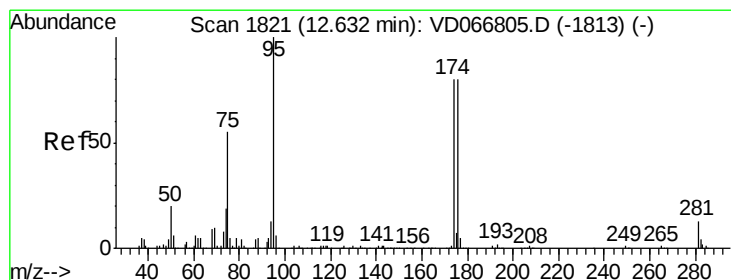
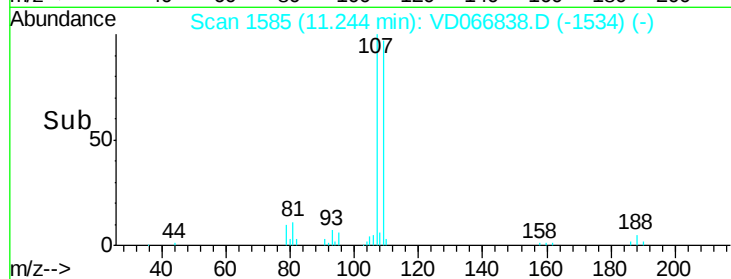
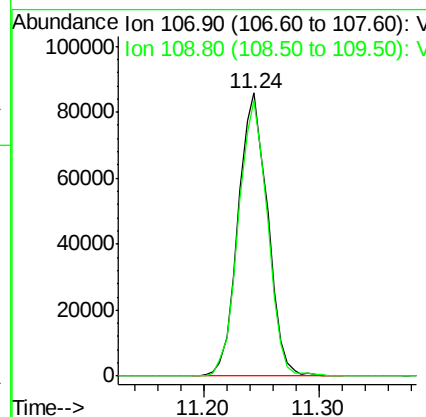
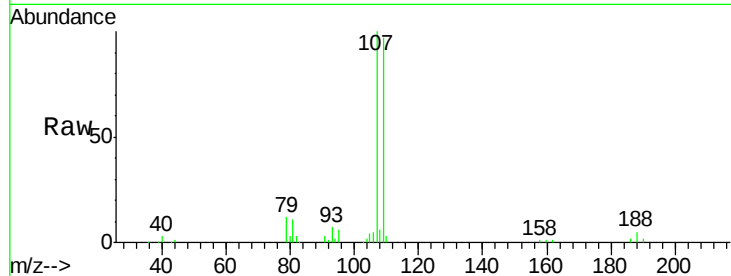
#61
 1,2-Dibromoethane
 Concen: 50.815 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.0	112.4

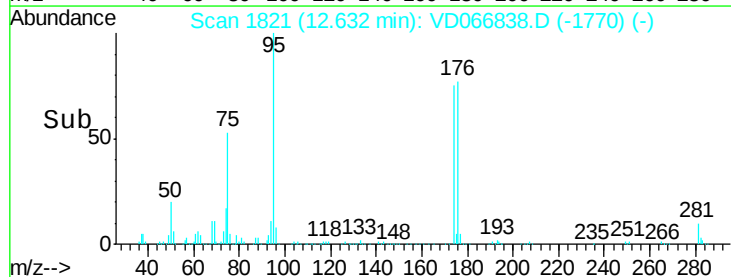
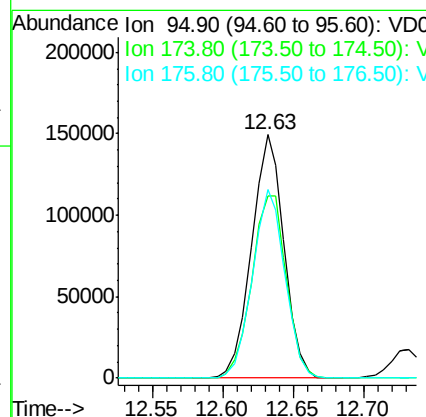
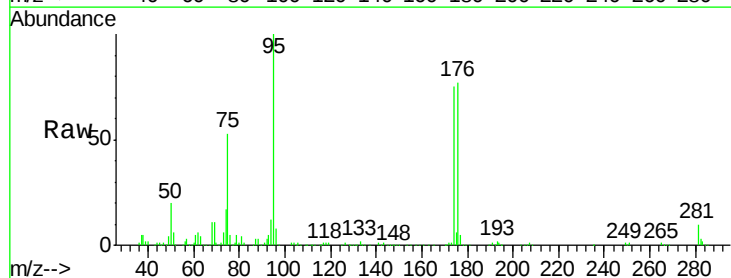
Manual Integrations
 APPROVED

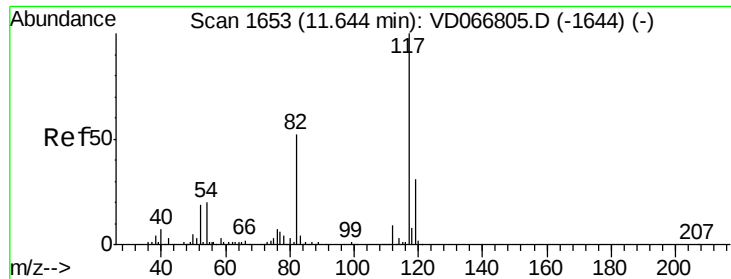
MMDadoda
 9/24/2020 1:36:50 PM



#62
 4-Bromofluorobenzene
 Concen: 52.306 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	159.8
176	77.7	0.0	154.4





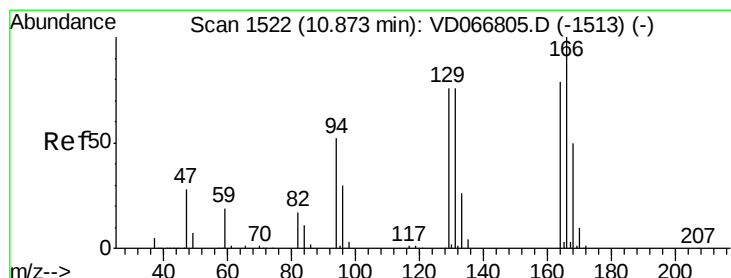
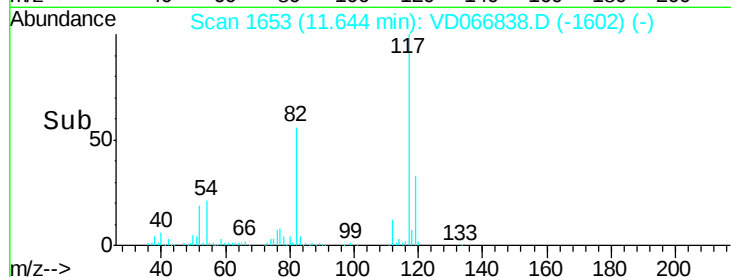
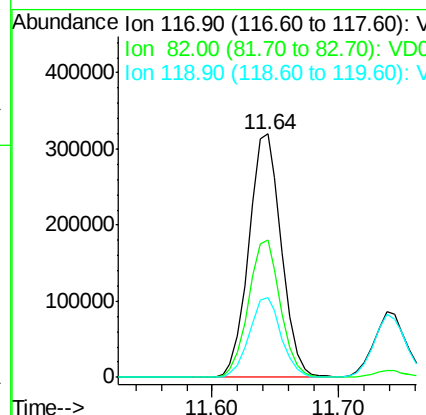
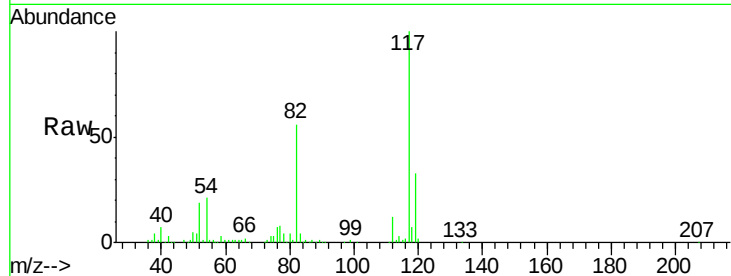
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	570560		
82	56.3		41.8	62.6
119	32.6		24.6	37.0

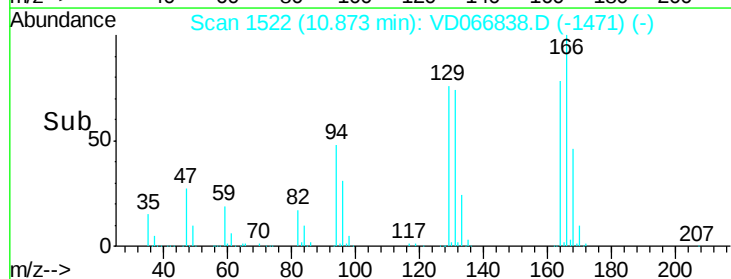
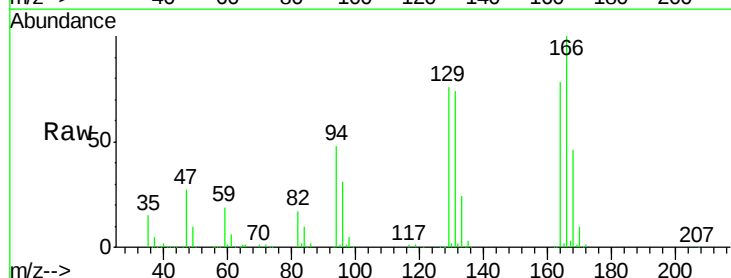
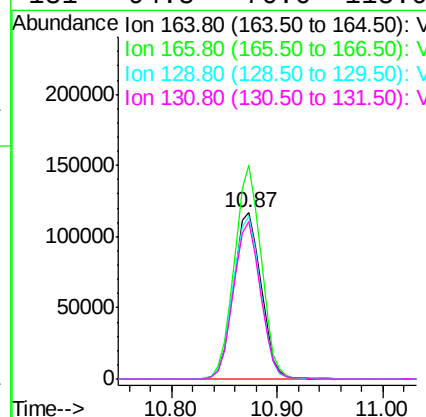
Manual Integrations
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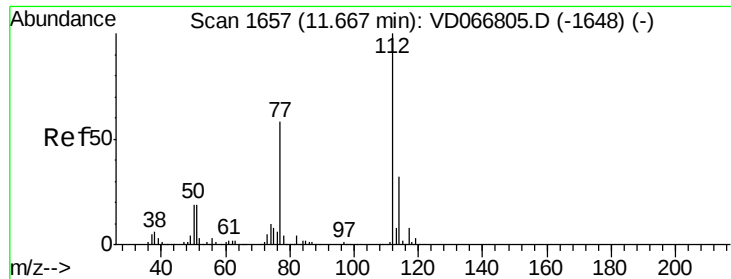
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#64
Tetrachloroethene
Concen: 51.450 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211158		
166	128.8		101.1	151.7
129	97.9		77.0	115.4
131	94.8		76.6	115.0





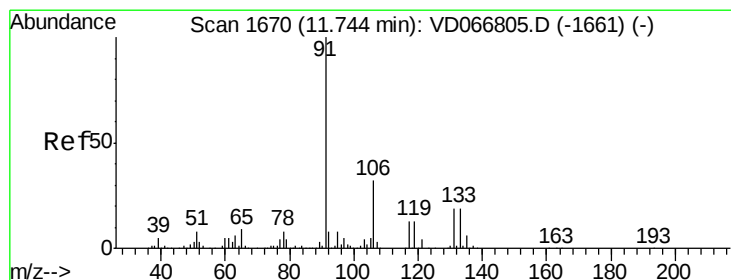
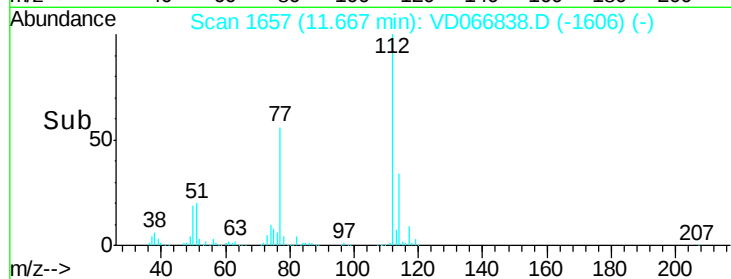
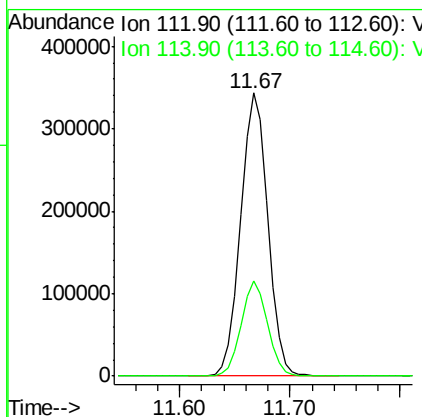
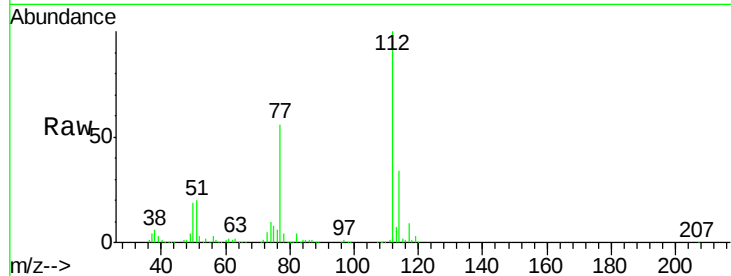
#65
Chlorobenzene
Concen: 50.022 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.4	38.2

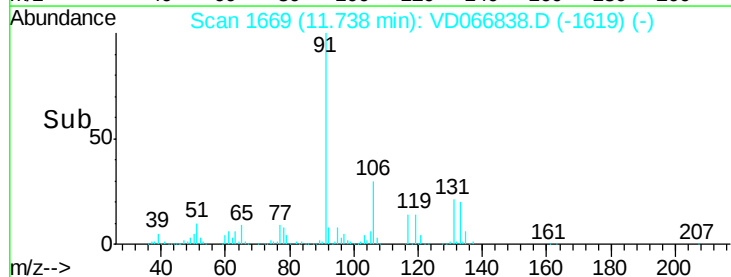
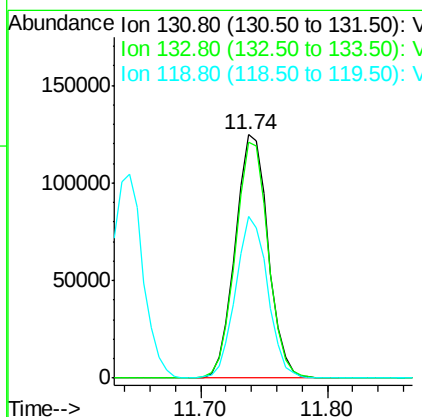
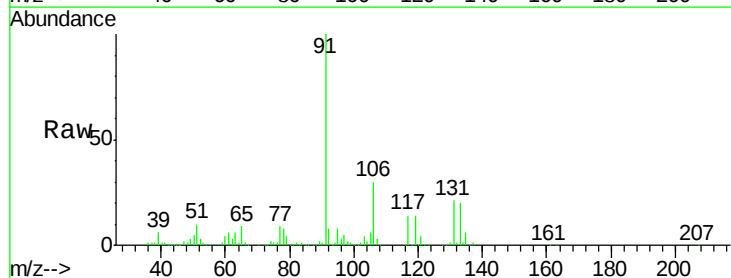
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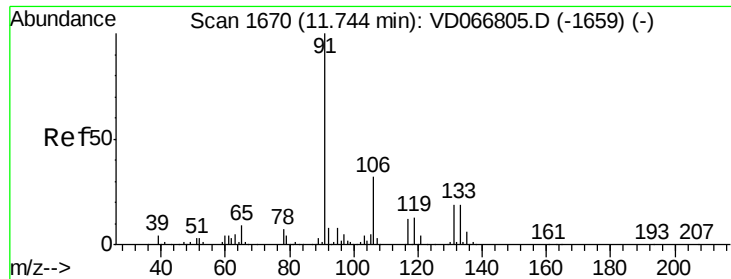
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.893 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	46.7	140.1
119	65.0	32.3	96.9





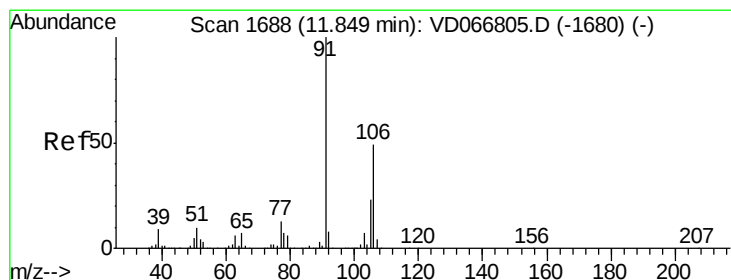
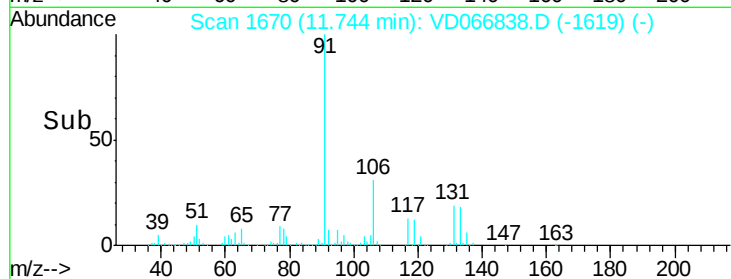
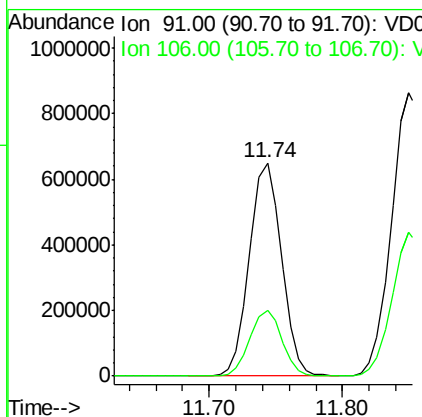
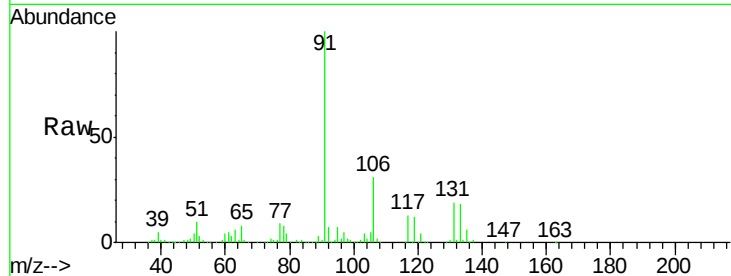
#67
Ethyl Benzene
Concen: 51.927 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1083139
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

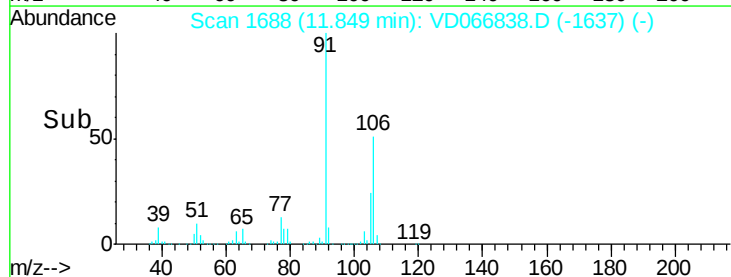
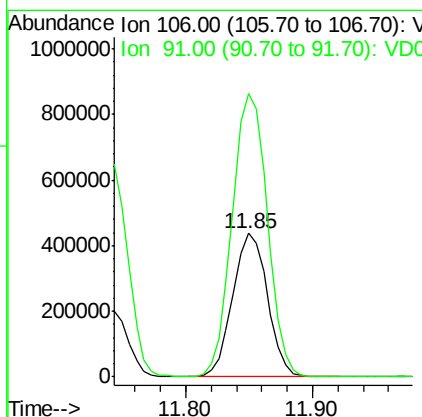
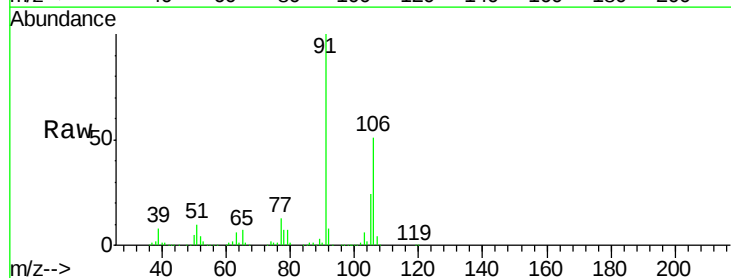
Manual Integrations
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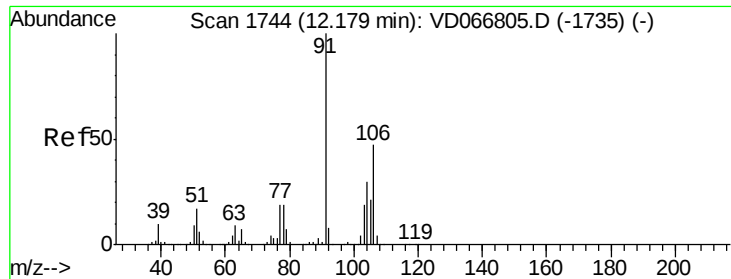
MMDadoda
9/24/2020 1:36:50 PM



#68
m/p-Xylenes
Concen: 105.192 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 106 Resp: 830751
Ion Ratio Lower Upper
106 100
91 200.4 160.7 241.1





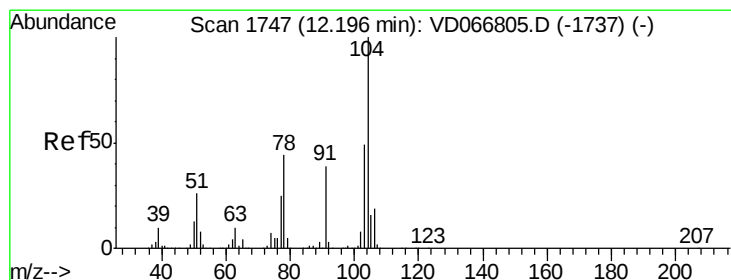
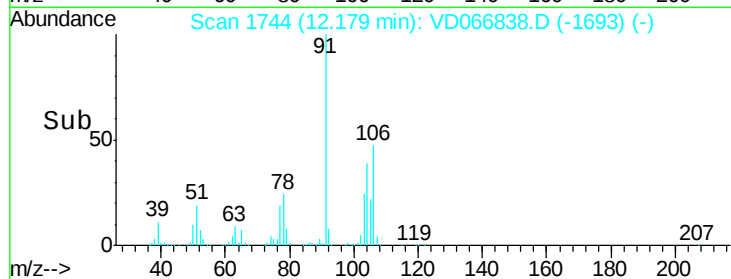
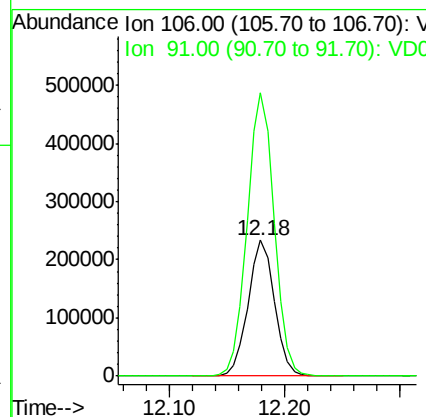
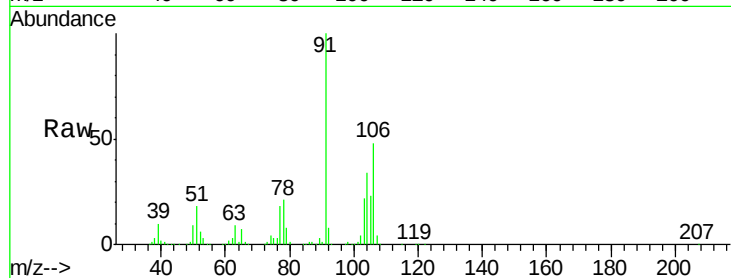
#69
o-Xylene
Concen: 52.094 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	372009		
91	91	212.2	106.3	318.8	

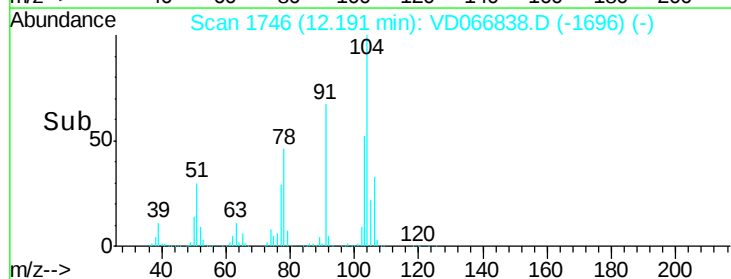
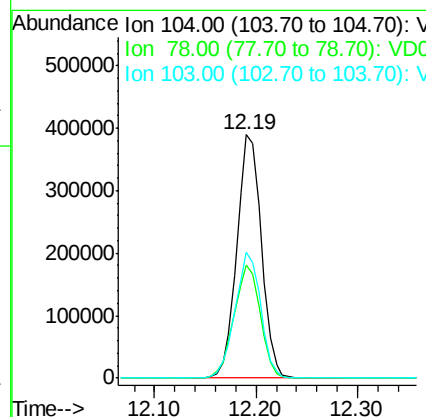
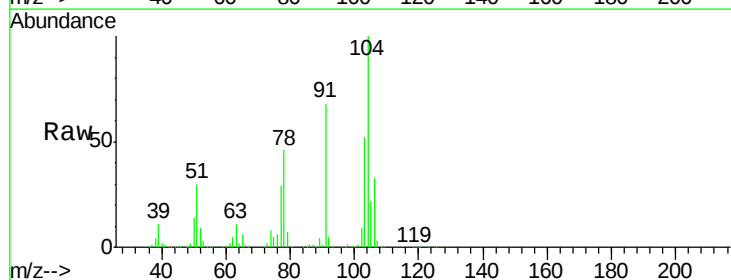
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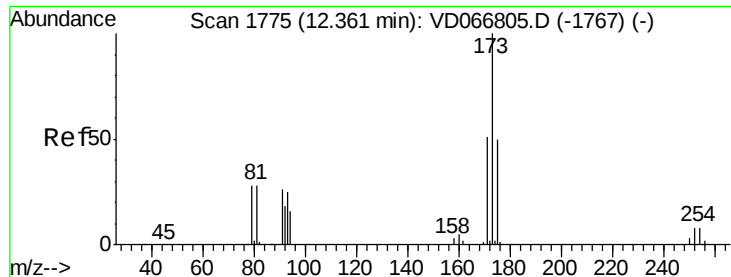
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#70
Styrene
Concen: 52.942 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	656554		
78	78	49.8	38.9	58.3	
103	103	54.1	43.2	64.8	





#71

Bromoform

Concen: 49.713 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

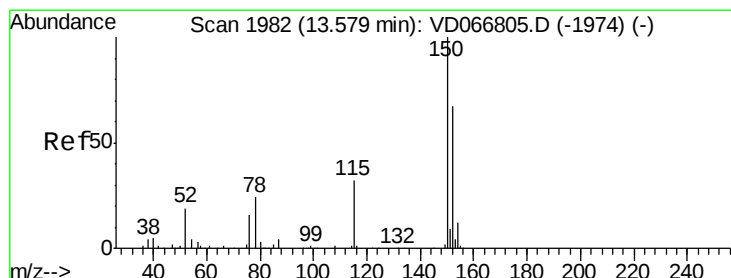
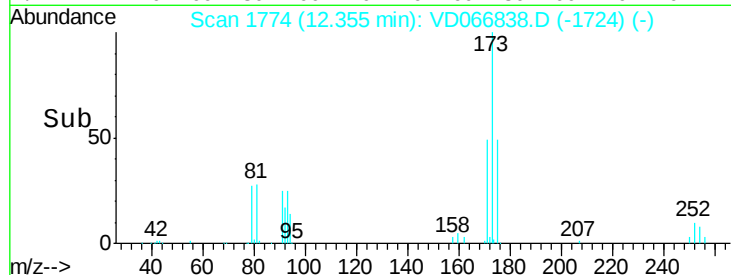
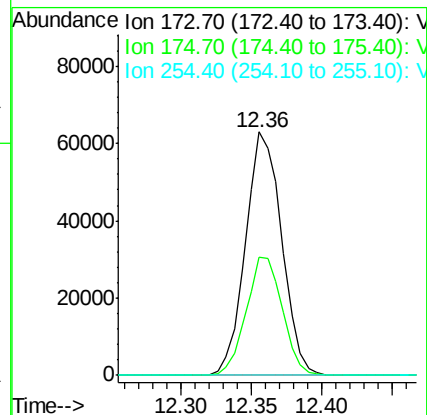
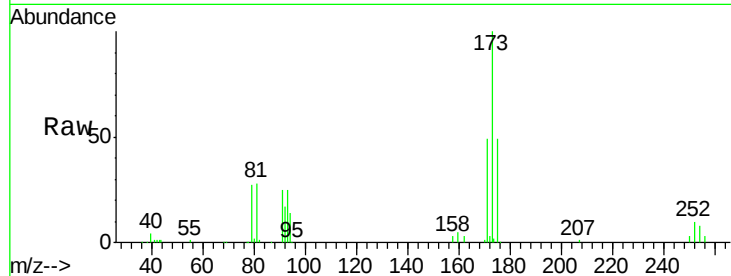
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

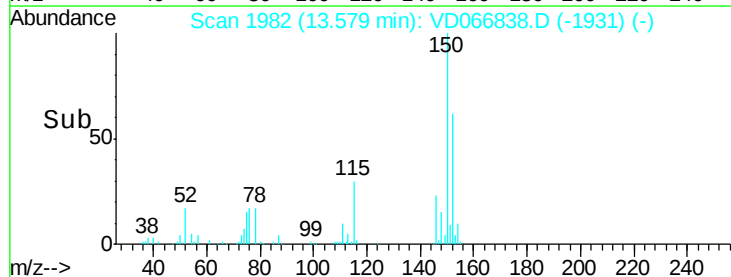
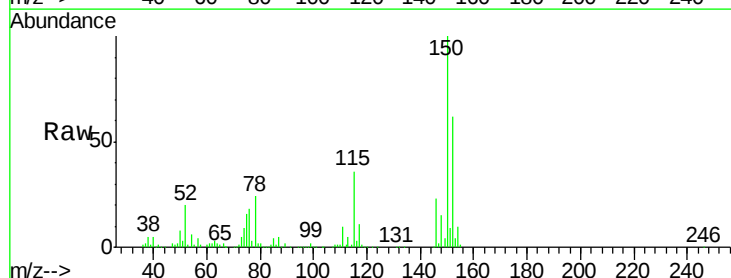
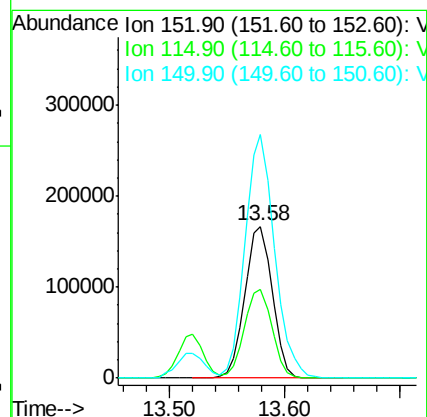
RT: 13.58 min Scan# 1982

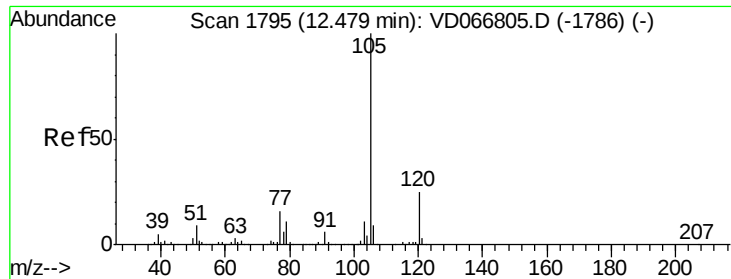
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.3	91.0
150	171.1	0.0	346.2





#73

Isopropylbenzene

Concen: 51.579 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1031003

Ion Ratio Lower Upper

105 100

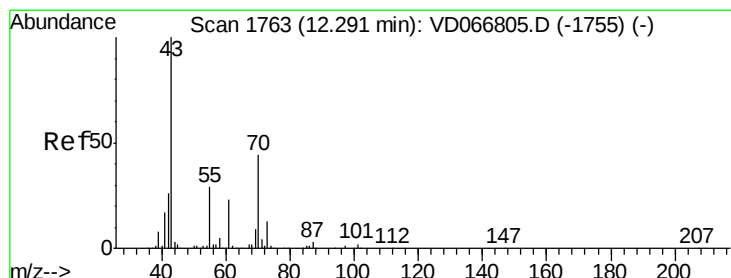
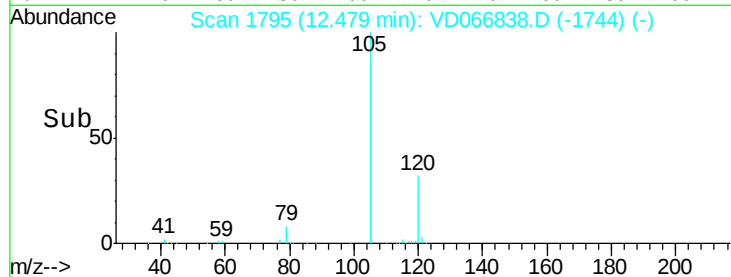
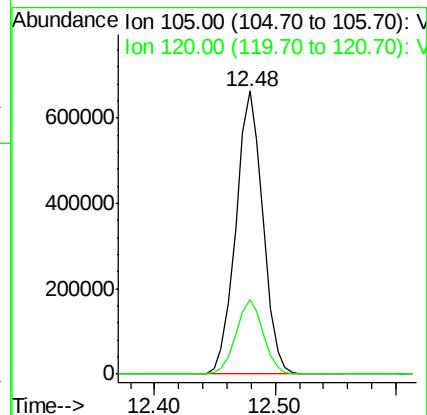
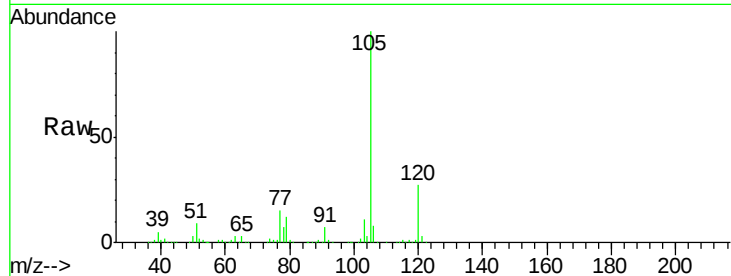
120 26.7 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.090 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion: 43 Resp: 195526

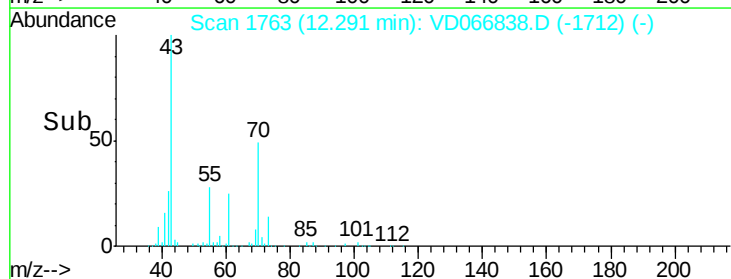
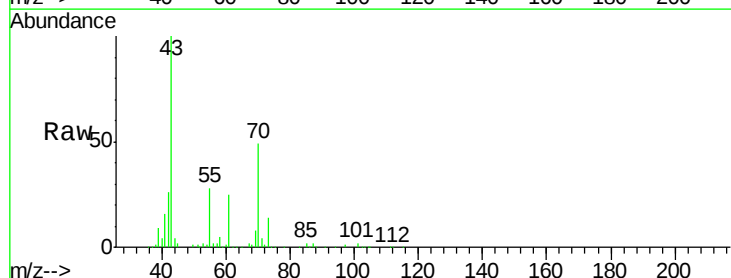
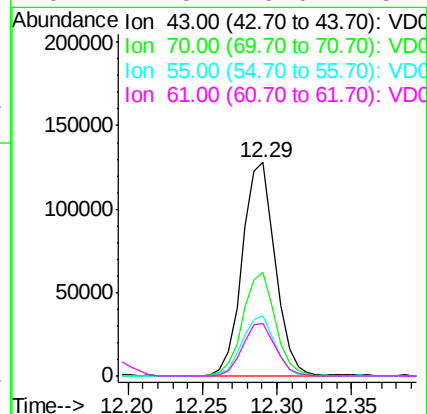
Ion Ratio Lower Upper

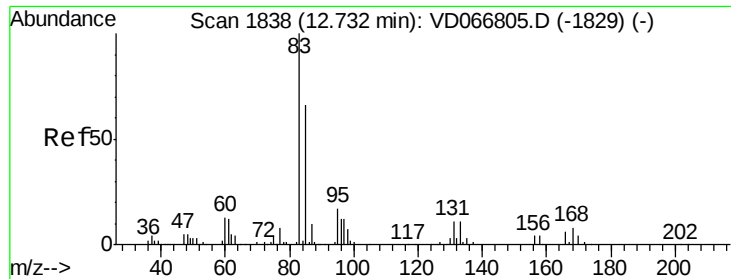
43 100

70 48.1 36.1 54.1

55 27.8 21.8 32.8

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.165 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

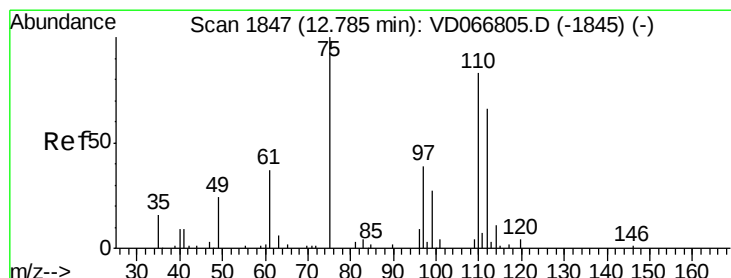
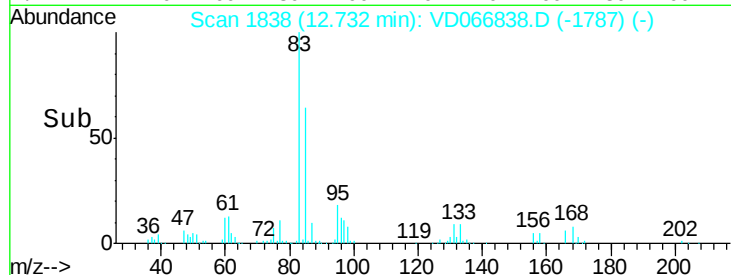
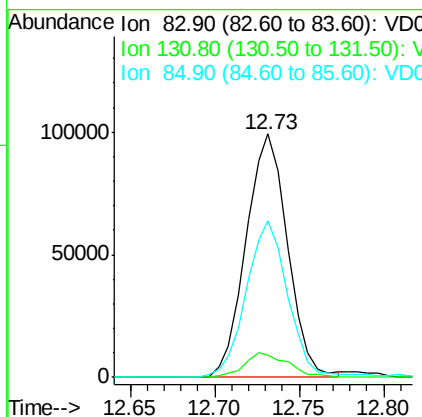
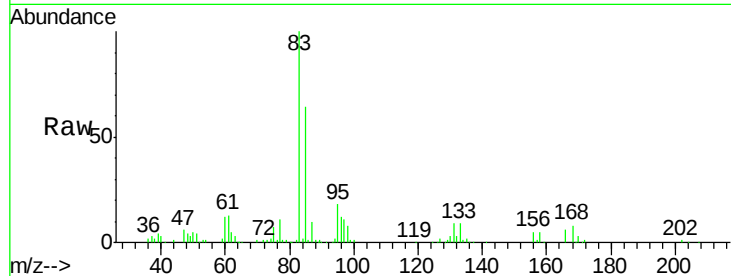
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	169577
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.7
85	64.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.855 ug/l m

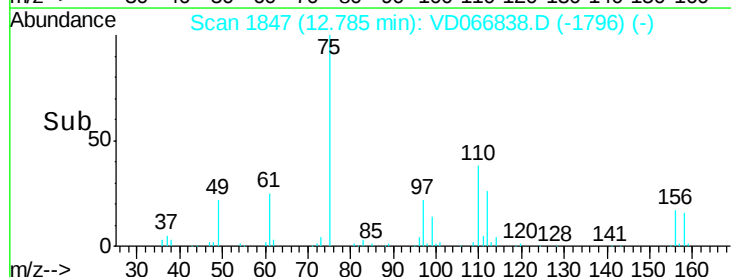
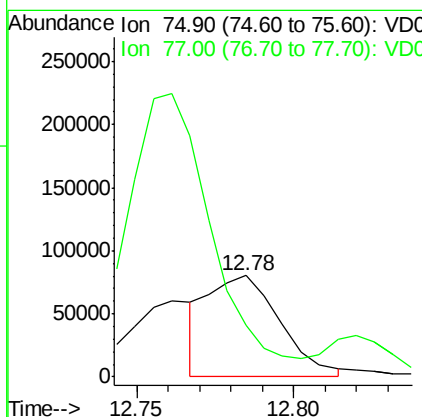
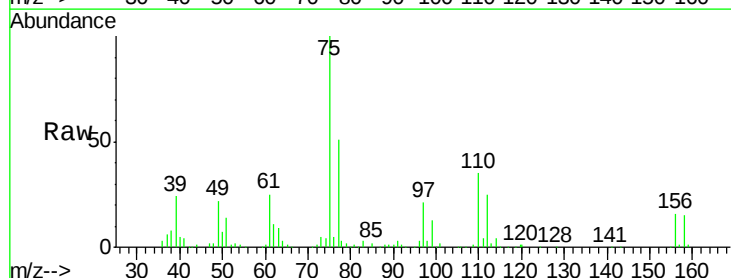
RT: 12.78 min Scan# 1847

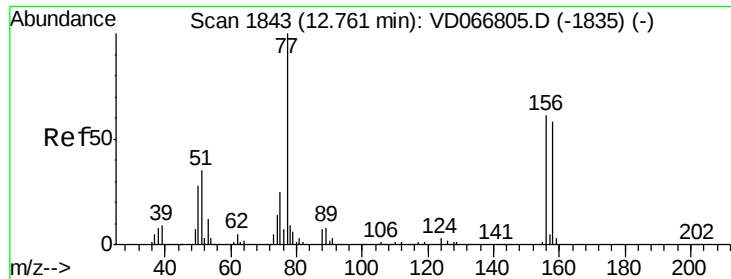
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	75	Resp:	128080
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.634 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

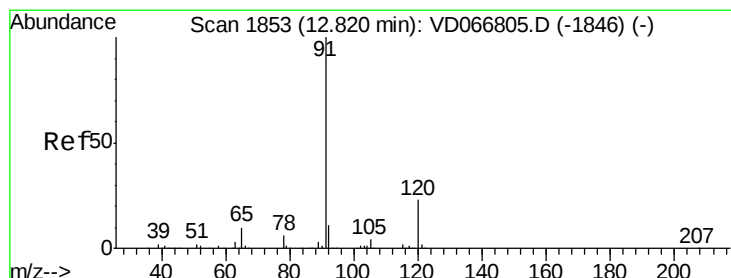
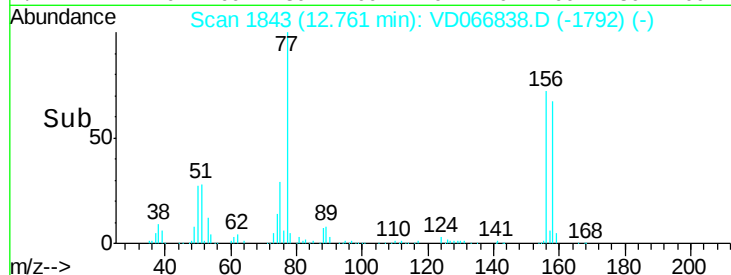
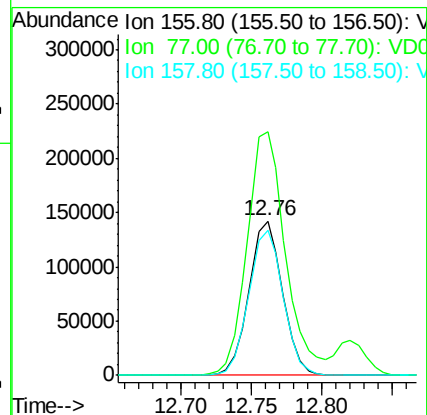
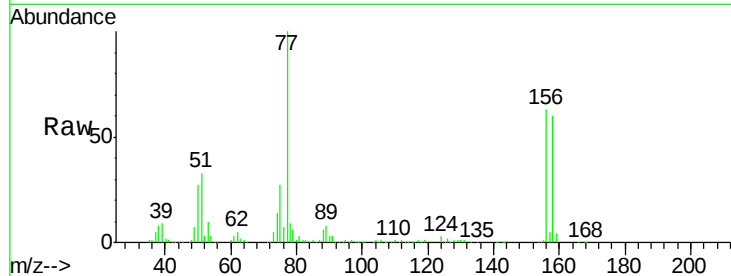
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	236709
Ion	Ratio	Lower	Upper
156	100		
77	181.8	92.3	276.9
158	96.5	47.6	142.9

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#78

n-propylbenzene

Concen: 51.365 ug/l

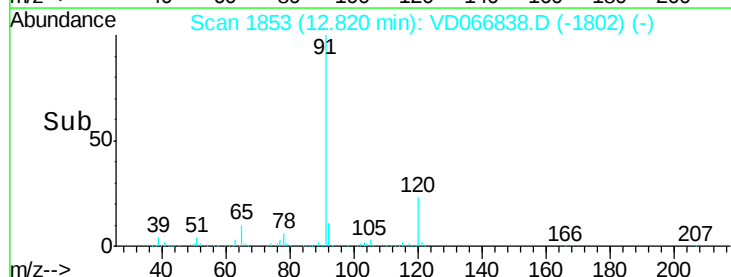
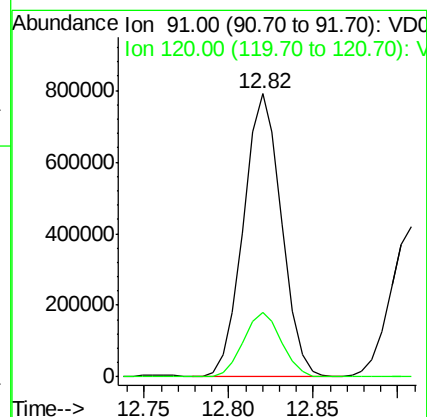
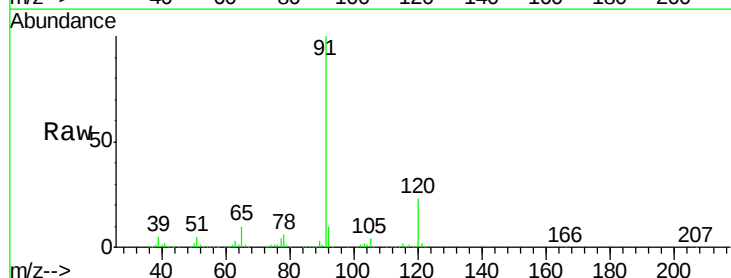
RT: 12.82 min Scan# 1853

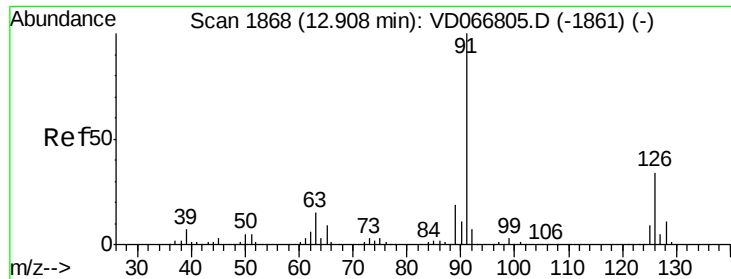
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	91	Resp:	1235187
Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2





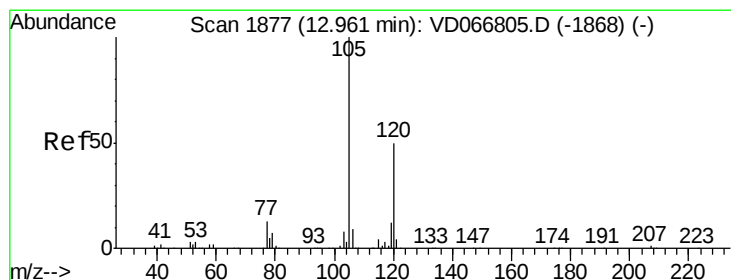
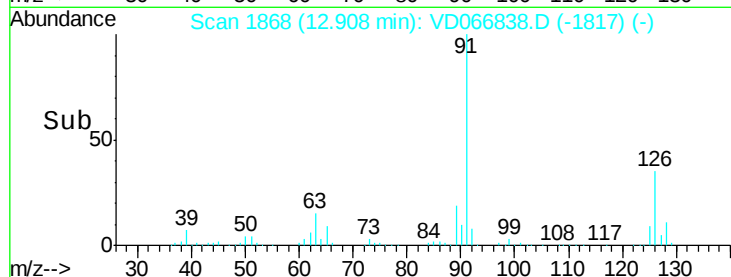
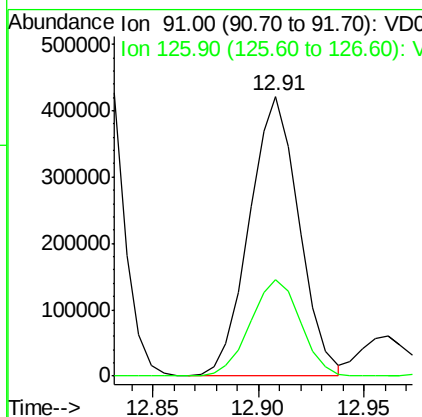
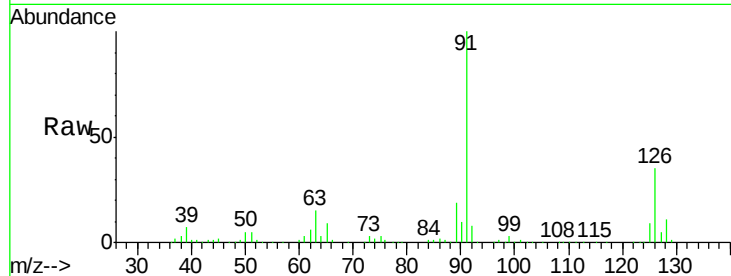
#79
2-Chlorotoluene
Concen: 50.200 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 687913
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0

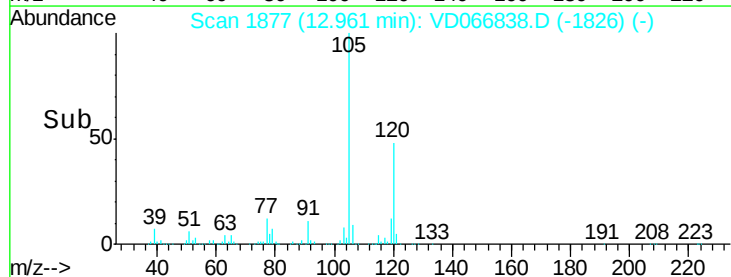
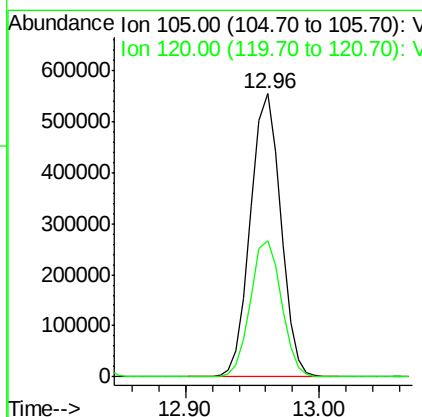
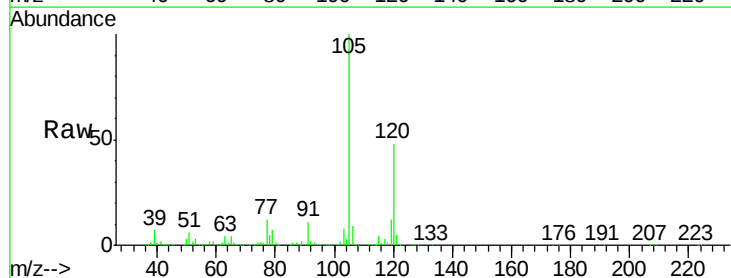
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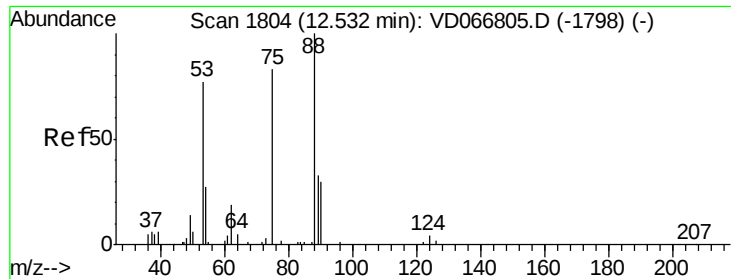
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#80
1,3,5-Trimethylbenzene
Concen: 51.111 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion: 105 Resp: 866877
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.112 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 37680

Ion Ratio Lower Upper

75 100

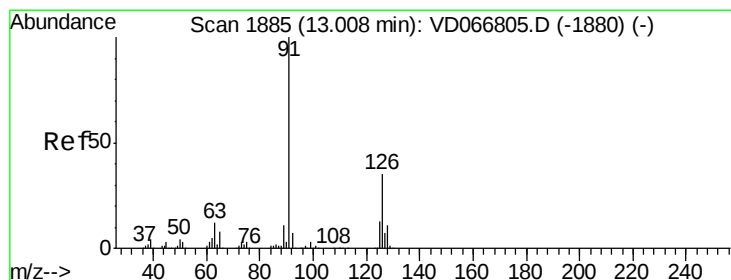
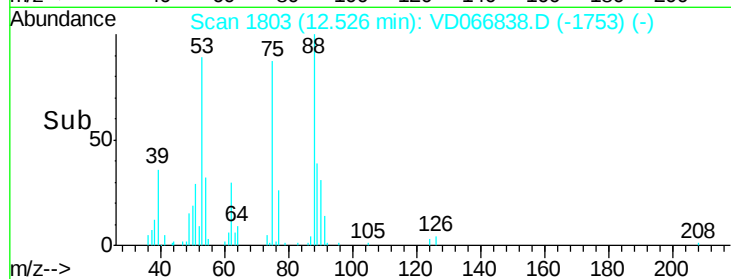
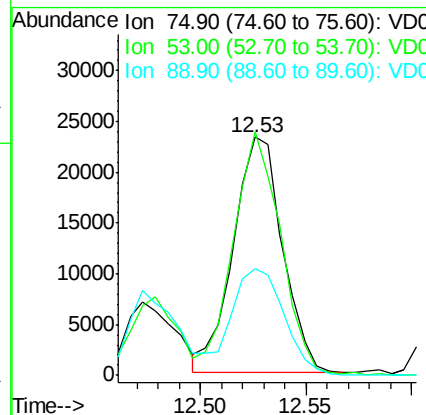
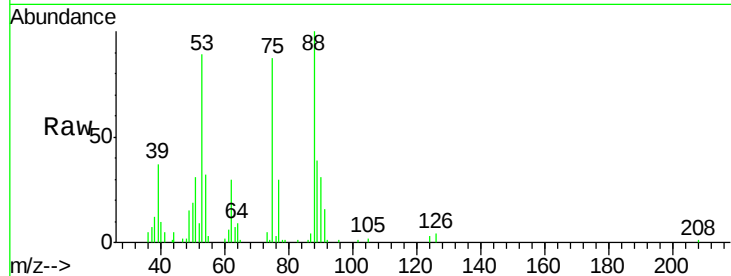
53 100.2 78.5 117.7

89 48.0 38.1 57.1

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#82

4-Chlorotoluene

Concen: 51.275 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066838.D

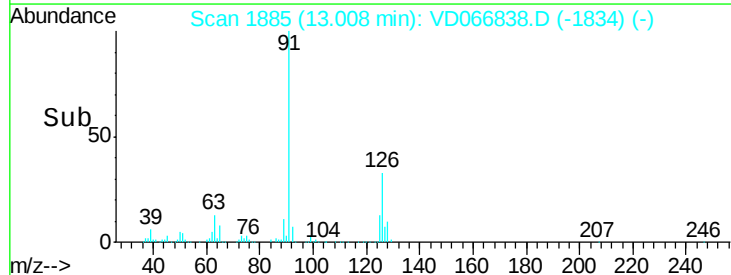
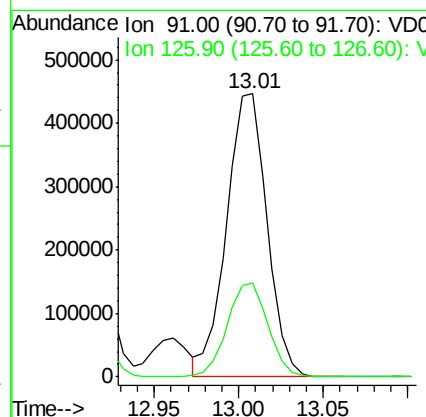
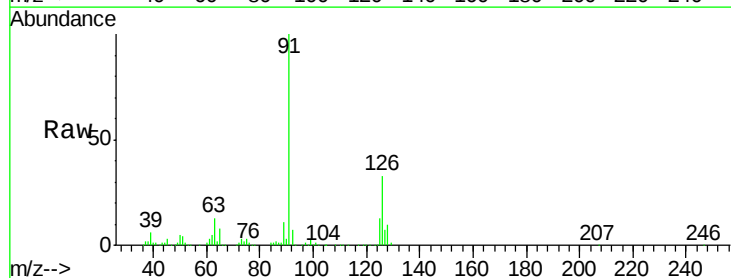
Acq: 23 Sep 2020 17:00

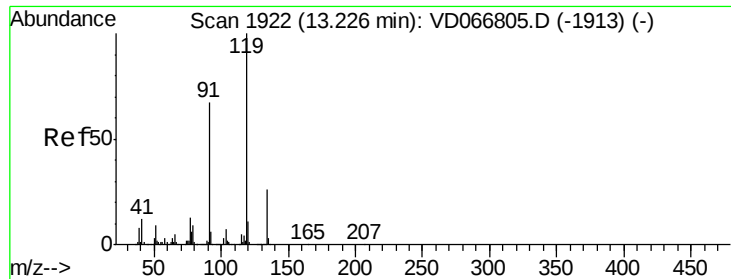
Tgt Ion: 91 Resp: 740686

Ion Ratio Lower Upper

91 100

126 33.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.997 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Instrument :

MSVOA_D

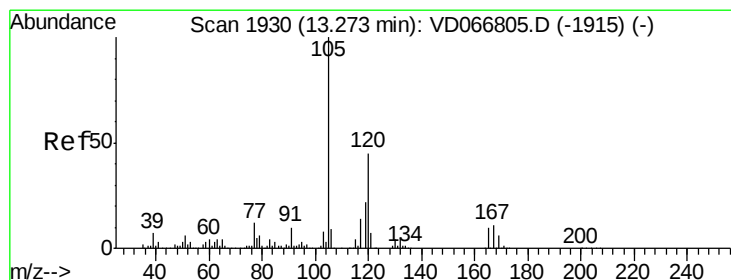
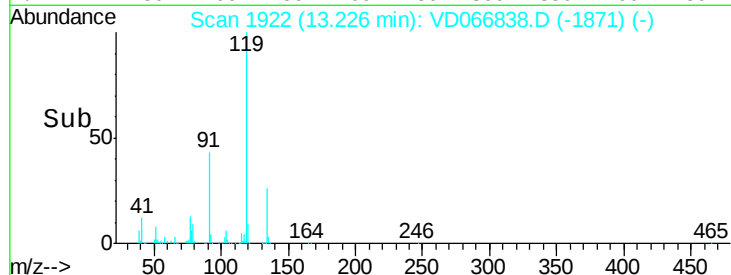
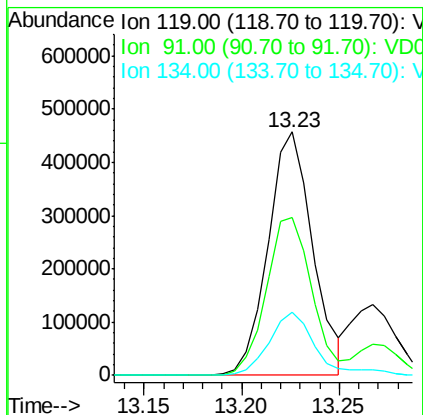
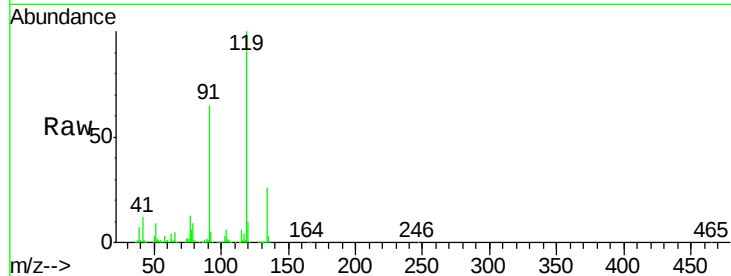
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	724684
Ion Ratio	Lower	Upper	
119	100		
91	65.7	33.6	100.8
134	27.2	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 52.012 ug/l

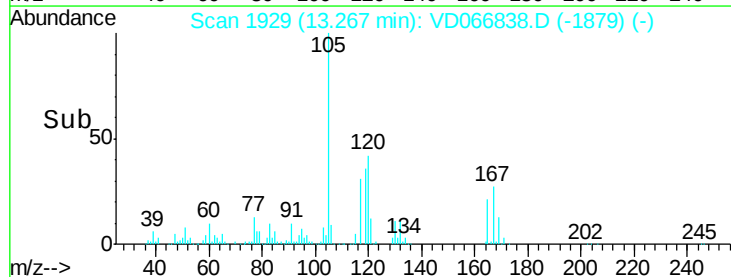
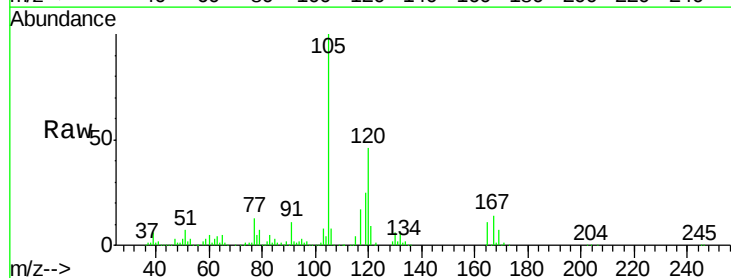
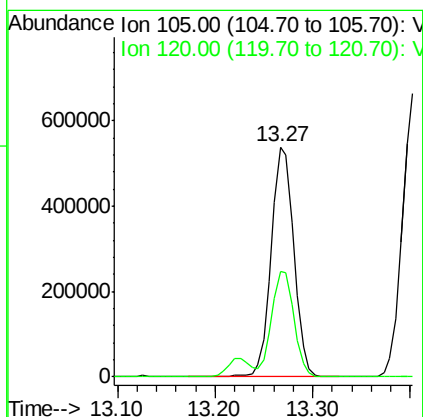
RT: 13.27 min Scan# 1929

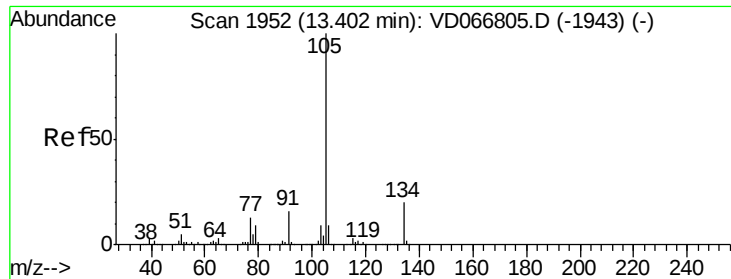
Delta R.T. -0.01 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion:	105	Resp:	874761
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.3	66.9





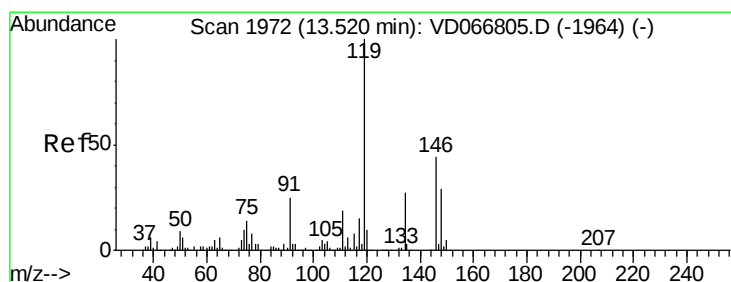
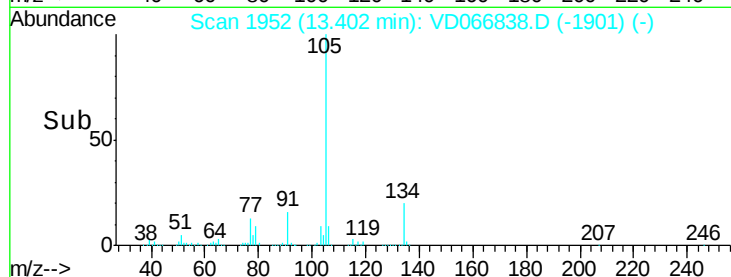
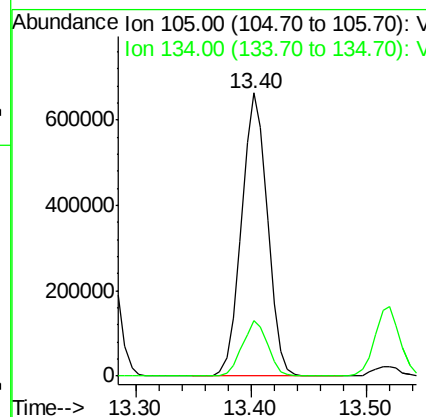
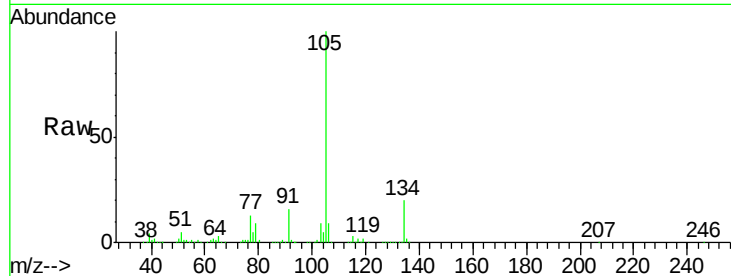
#85
 sec-Butylbenzene
 Concen: 51.371 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1029545
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.6

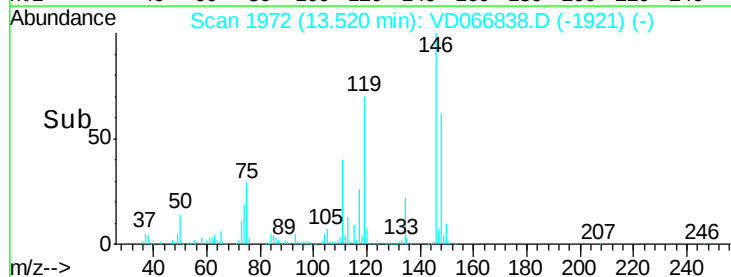
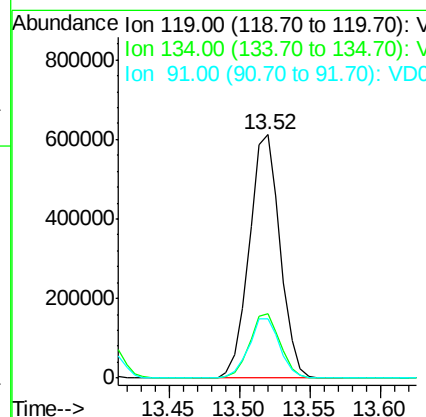
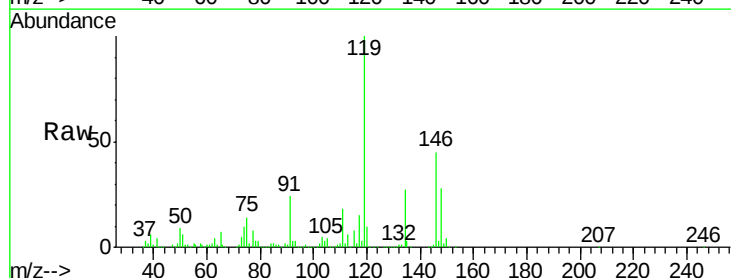
Manual Integrations
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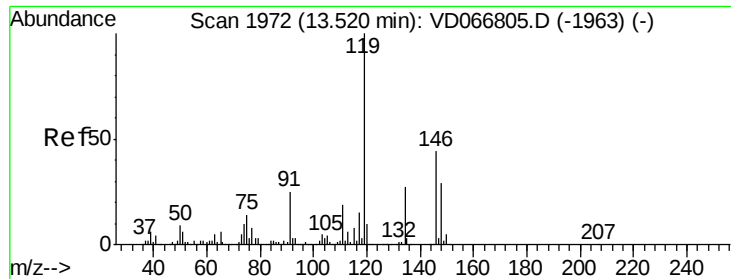
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#86
 p-Isopropyltoluene
 Concen: 51.775 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion:119 Resp: 935328
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.293 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

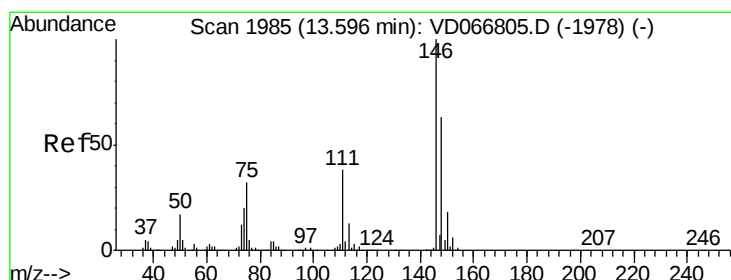
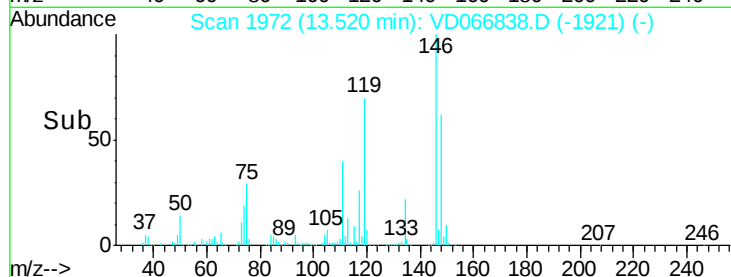
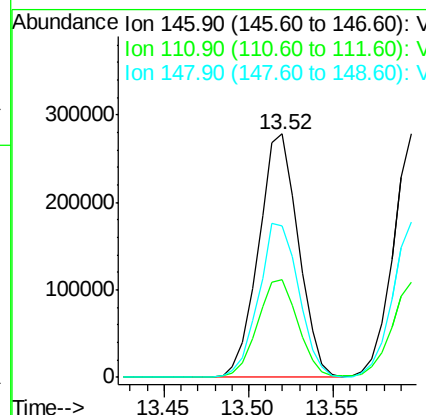
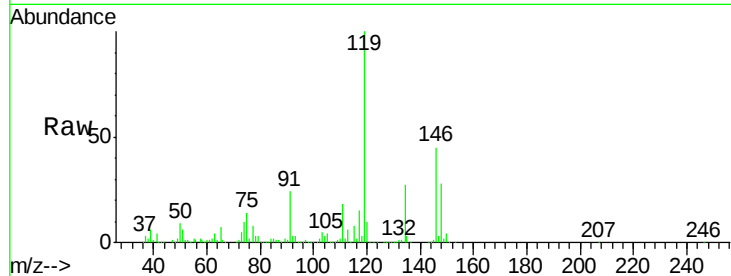
Instrument :
MSVOA_D

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.9
148	63.7	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 48.529 ug/l

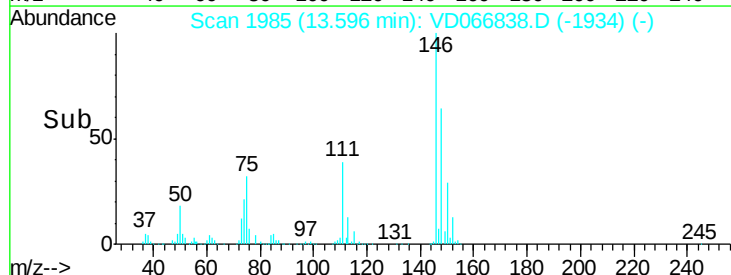
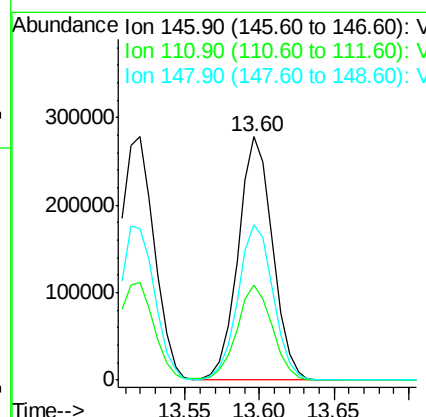
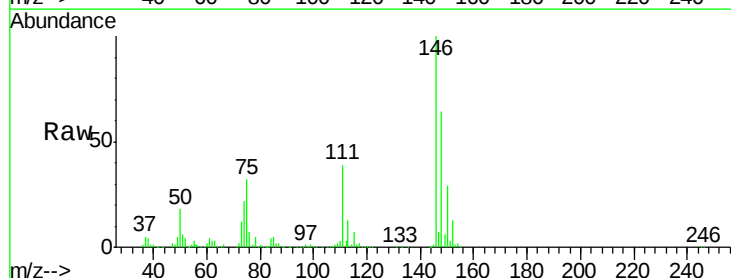
RT: 13.60 min Scan# 1985

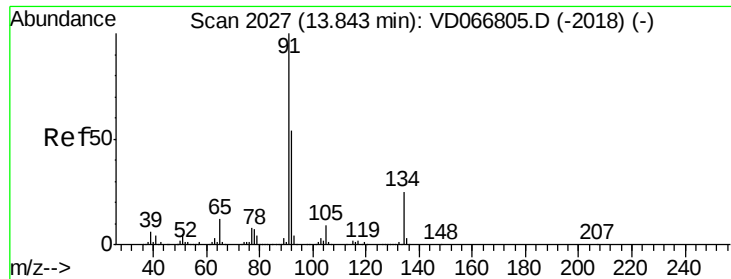
Delta R.T. -0.00 min

Lab File: VD066838.D

Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.5
148	65.4	31.6	94.7





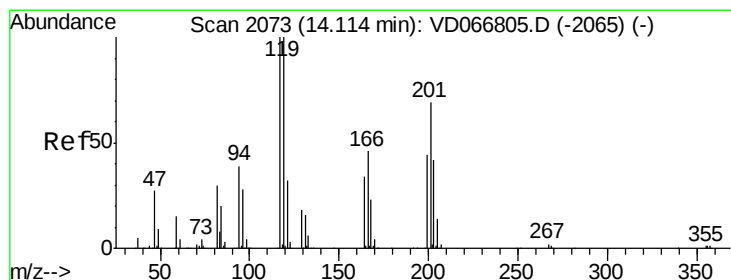
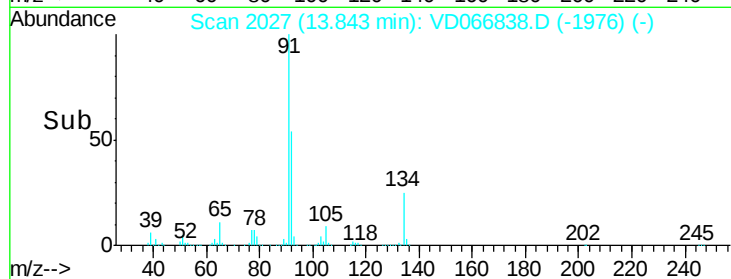
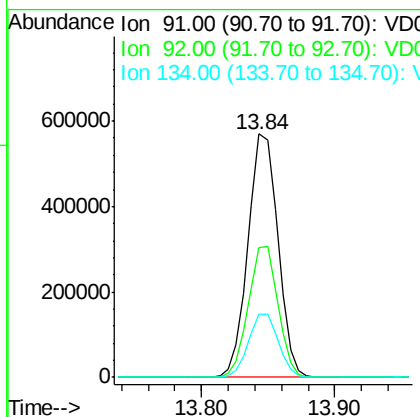
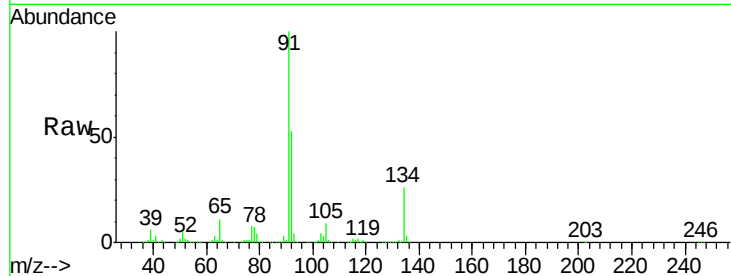
#89
n-Butylbenzene
Concen: 51.280 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.0
134	26.0	13.1	39.1

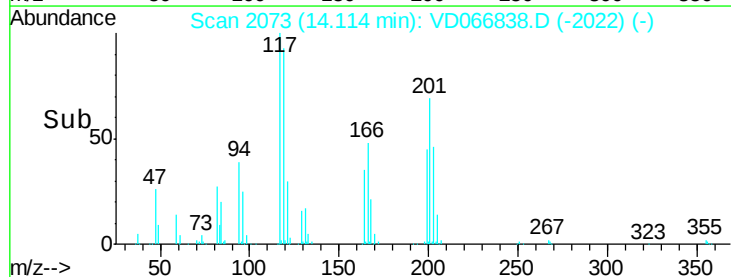
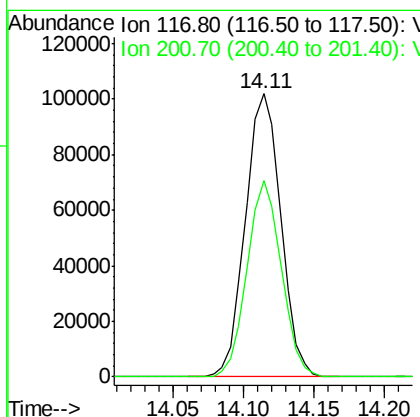
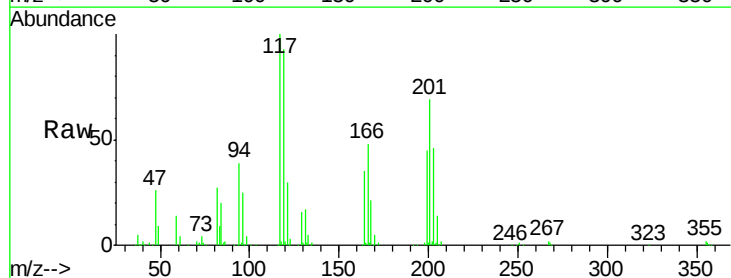
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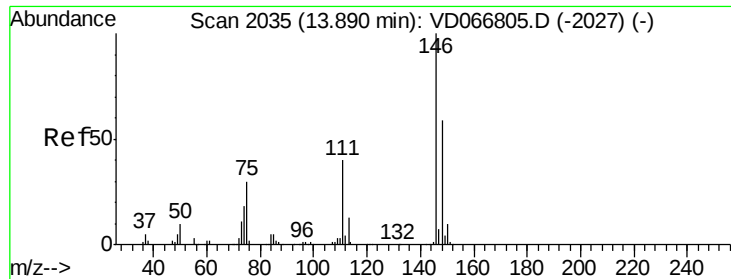
MMDadoda
9/24/2020 1:36:50 PM



#90
Hexachloroethane
Concen: 49.098 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	33.7	101.0





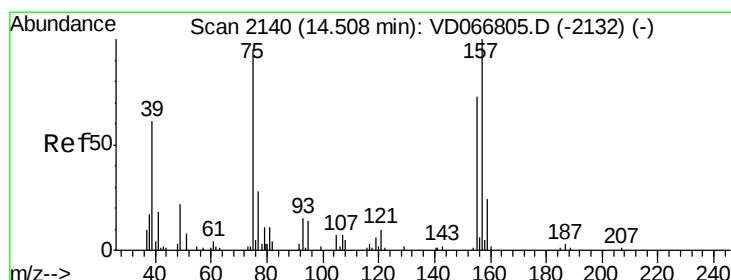
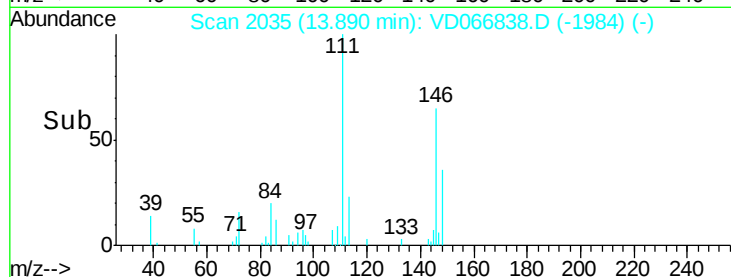
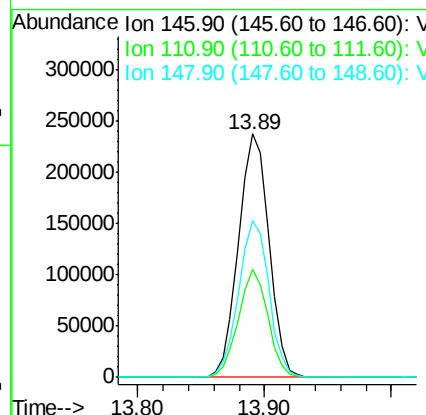
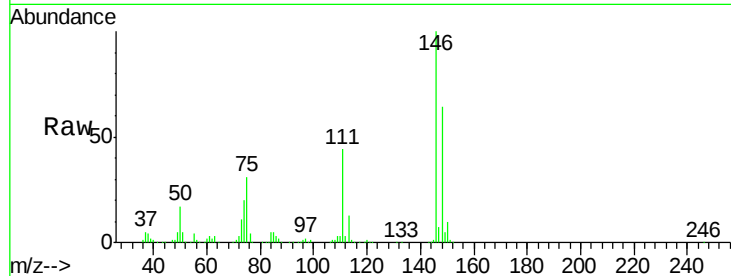
#91
 1,2-Dichlorobenzene
 Concen: 49.833 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.9	62.7
148	64.0	31.8	95.3

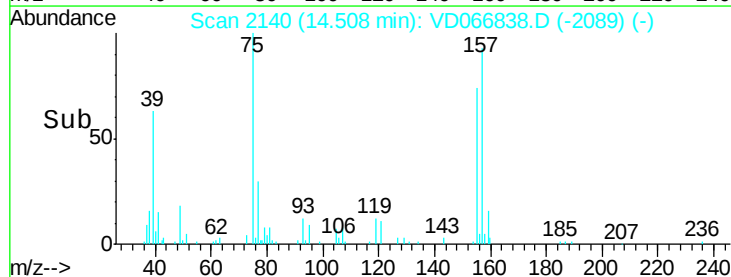
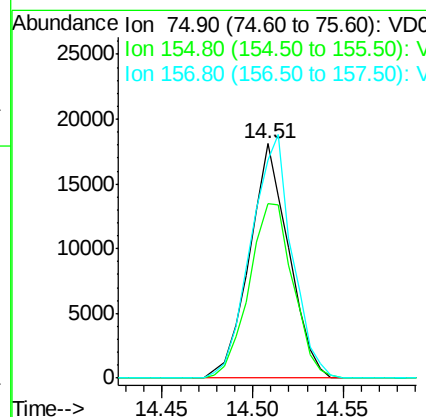
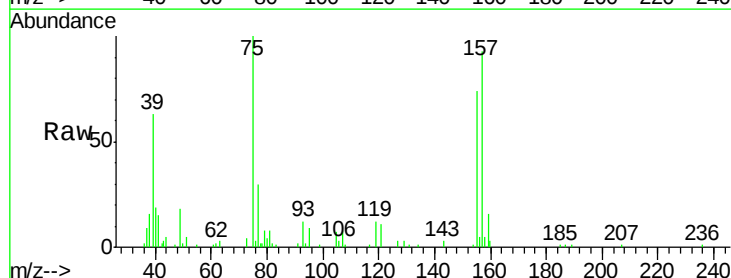
Manual Integrations
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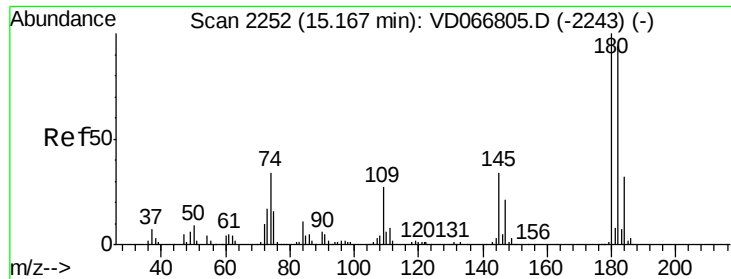
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.224 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	40.4	121.2
157	108.5	51.3	153.9





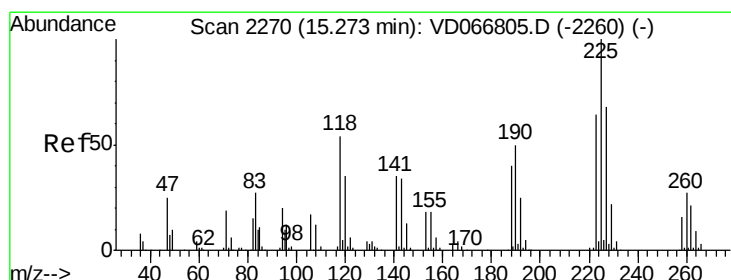
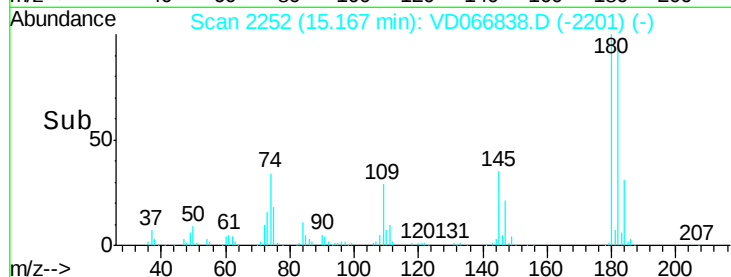
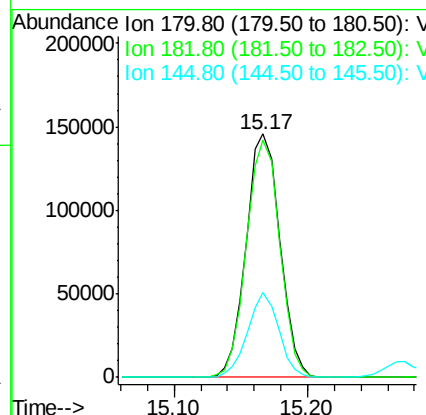
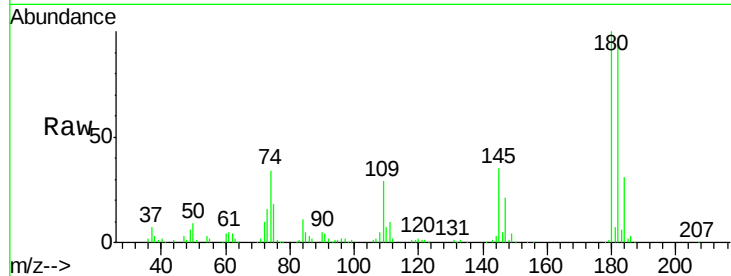
#93
 1,2,4-Trichlorobenzene
 Concen: 51.108 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	254225		
182	96.4	48.8	146.3	
145	32.2	16.7	50.0	

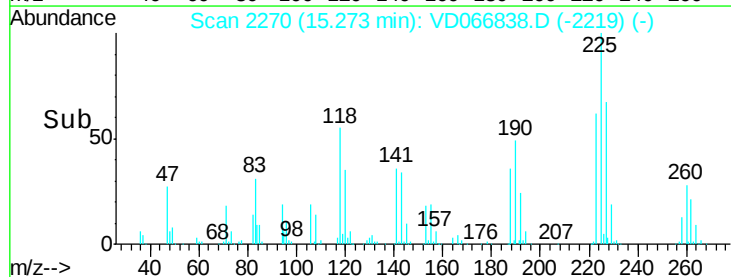
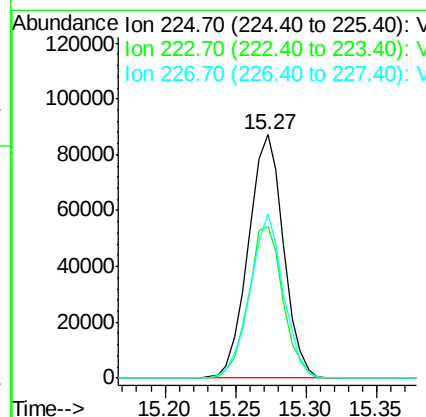
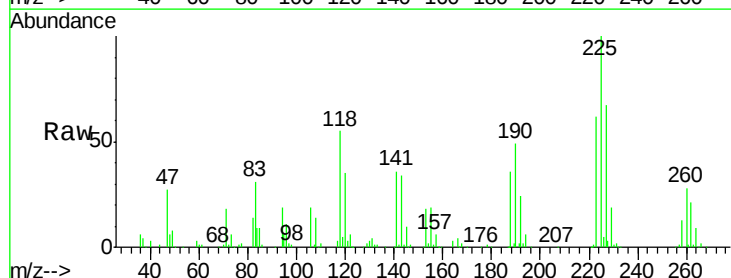
Manual Integrations
 APPROVED

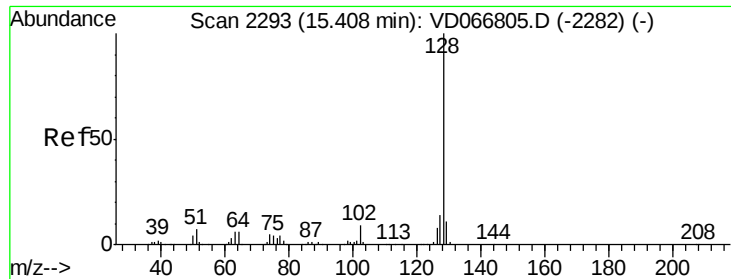
MMDadoda
 9/24/2020 1:36:50 PM



#94
 Hexachlorobutadiene
 Concen: 51.124 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066838.D
 Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152390		
223	61.4	31.1	93.3	
227	64.1	31.7	95.1	





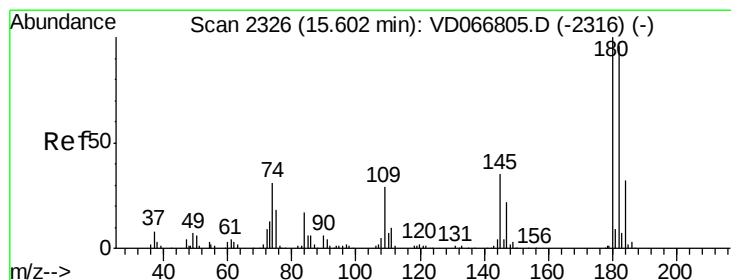
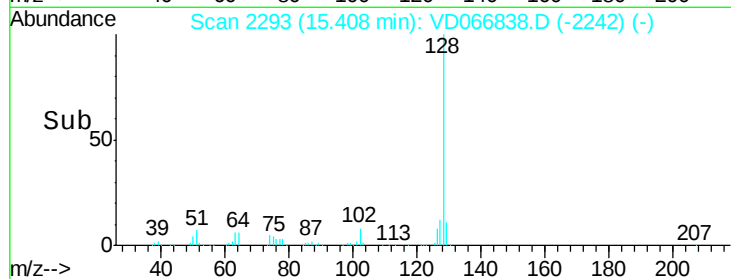
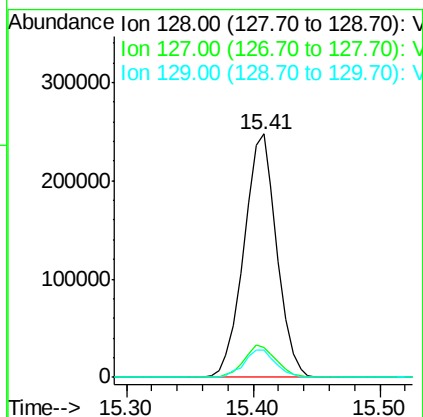
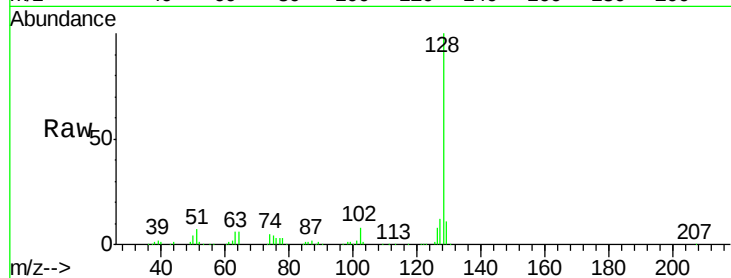
#95
Naphthalene
Concen: 52.551 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:36:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.681 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066838.D
Acq: 23 Sep 2020 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.8	140.3
145	33.4	17.0	51.0

