

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066477.D
 Acq On : 31 Aug 2020 12:14
 Operator : VA/SY
 Sample : VD0831SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 01:00:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	214075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	195104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	107086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	87578	56.77	ug/l	0.00
Spiked Amount			Recovery	=	113.54%	
35) Dibromofluoromethane	7.91	113	67764	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
50) Toluene-d8	10.34	98	249171	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.63	95	91752	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	27393	20.478	ug/l	94
3) Chloromethane	2.21	50	16598	17.505	ug/l	91
4) Vinyl Chloride	2.35	62	19028	18.691	ug/l	99
5) Bromomethane	2.76	94	16154	21.215	ug/l	96
6) Chloroethane	2.92	64	13419	20.585	ug/l	97
7) Trichlorofluoromethane	3.27	101	61741	22.303	ug/l	93
8) Diethyl Ether	3.70	74	11444	18.451	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	24501	17.934	ug/l	95
10) Methyl Iodide	4.31	142	24620	15.801	ug/l	92
11) Tert butyl alcohol	5.21	59	13391	130.442	ug/l #	80
12) 1,1-Dichloroethene	4.07	96	23254	18.133	ug/l	98
13) Acrolein	3.93	56	3652	53.314	ug/l	97
14) Allyl chloride	4.71	41	27957	16.333	ug/l	85
15) Acrylonitrile	5.43	53	20677	83.087	ug/l #	64
16) Acetone	4.16	43	25854	92.965	ug/l	94
17) Carbon Disulfide	4.41	76	64022	16.473	ug/l #	95
18) Methyl Acetate	4.71	43	8549	16.379	ug/l #	88
19) Methyl tert-butyl Ether	5.48	73	63710	20.632	ug/l	96
20) Methylene Chloride	4.97	84	27161	13.676	ug/l #	95
21) trans-1,2-Dichloroethene	5.47	96	27422	18.370	ug/l	88
22) Diisopropyl ether	6.36	45	54219	16.361	ug/l #	93
23) Vinyl Acetate	6.30	43	170407	83.061	ug/l	100
24) 1,1-Dichloroethane	6.27	63	41156	17.573	ug/l	98
25) 2-Butanone	7.21	43	25977	82.280	ug/l	94
26) 2,2-Dichloropropane	7.21	77	53959	21.497	ug/l	93
27) cis-1,2-Dichloroethene	7.21	96	30896	19.316	ug/l	95
28) Bromochloromethane	7.54	49	12365	15.328	ug/l	93
29) Tetrahydrofuran	7.57	42	13717	76.493	ug/l #	83
30) Chloroform	7.71	83	53927	19.902	ug/l	98
31) Cyclohexane	7.98	56	34767	16.232	ug/l #	86
32) 1,1,1-Trichloroethane	7.90	97	58748	21.184	ug/l	100
36) 1,1-Dichloropropene	8.11	75	38286	19.601	ug/l	99
37) Ethyl Acetate	7.30	43	10490	15.790	ug/l #	84
38) Carbon Tetrachloride	8.09	117	57449	22.575	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 01:00:53 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M

Quant Title : SW846 8260

QLast Update : Fri Aug 21 13:36:12 2020

Response via : Initial Calibration

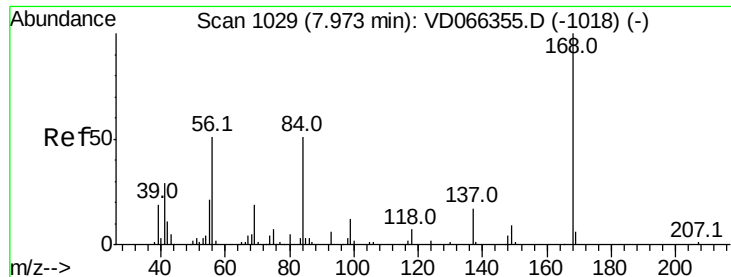
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	42340	18.401	ug/l	96
40) Benzene	8.34	78	98438	19.157	ug/l	98
41) Methacrylonitrile	7.56	41	17314	42.261	ug/l #	66
42) 1,2-Dichloroethane	8.42	62	42105	23.265	ug/l	97
43) Isopropyl Acetate	8.44	43	24924	18.692	ug/l	98
44) Trichloroethene	9.10	130	32715	19.593	ug/l	81
45) 1,2-Dichloropropane	9.38	63	19108	16.403	ug/l	98
46) Dibromomethane	9.47	93	13758	18.968	ug/l	96
47) Bromodichloromethane	9.66	83	43330	21.723	ug/l	90
48) Methyl methacrylate	9.45	41	11772	17.120	ug/l	92
49) 1,4-Dioxane	9.46	88	2956	350.986	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	56802	88.056	ug/l	99
52) Toluene	10.40	92	68908	19.794	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	40379	21.334	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	40863	19.235	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	18300	18.637	ug/l #	84
56) Ethyl methacrylate	10.66	69	20647	18.164	ug/l #	87
57) 1,3-Dichloropropane	10.94	76	31282	19.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	44653	94.586	ug/l	93
59) 2-Hexanone	10.98	43	40280	88.526	ug/l	95
60) Dibromochloromethane	11.14	129	30403	20.542	ug/l	99
61) 1,2-Dibromoethane	11.25	107	18579	19.227	ug/l	94
64) Tetrachloroethene	10.87	164	31008	20.951	ug/l	99
65) Chlorobenzene	11.67	112	78559	20.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	33458	21.092	ug/l	95
67) Ethyl Benzene	11.74	91	137046	20.058	ug/l	94
68) m/p-Xylenes	11.85	106	108899	41.815	ug/l	97
69) o-Xylene	12.18	106	50179	20.712	ug/l	98
70) Styrene	12.20	104	85447	20.540	ug/l	97
71) Bromoform	12.36	173	17962	19.958	ug/l #	98
73) Isopropylbenzene	12.48	105	142034	19.799	ug/l	100
74) N-amyl acetate	12.29	43	22183	17.121	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	17653	17.226	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	28466	37.786	ug/l #	1
77) Bromobenzene	12.76	156	36350	19.964	ug/l	94
78) n-propylbenzene	12.82	91	156865	19.071	ug/l	98
79) 2-Chlorotoluene	12.91	91	87095	18.540	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	126953	20.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	6541	18.430	ug/l	88
82) 4-Chlorotoluene	13.01	91	96029	19.294	ug/l	97
83) tert-Butylbenzene	13.23	119	107418	19.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	122602	20.153	ug/l	100
85) sec-Butylbenzene	13.40	105	136631	19.384	ug/l	99
86) p-Isopropyltoluene	13.52	119	138201	20.334	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	69926	20.574	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	66972	19.625	ug/l	97
89) n-Butylbenzene	13.84	91	117005	19.508	ug/l	99
90) Hexachloroethane	14.11	117	24985	18.609	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	59704	20.406	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4308	20.044	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	47549	20.817	ug/l	95
94) Hexachlorobutadiene	15.27	225	30756	21.667	ug/l	92
95) Naphthalene	15.41	128	70341	19.607	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	39099	19.982	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066477.D

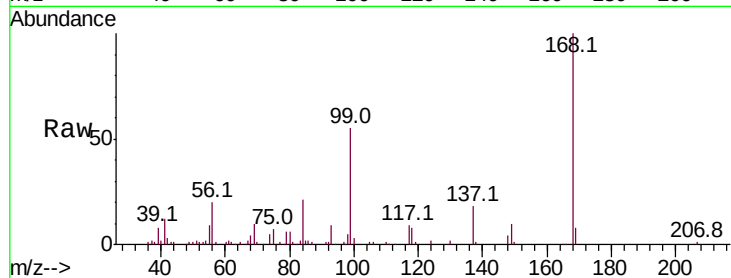
Acq: 31 Aug 2020 12:14

Tot Ion:168 Resp: 157343

Ion Ratio Lower Upper

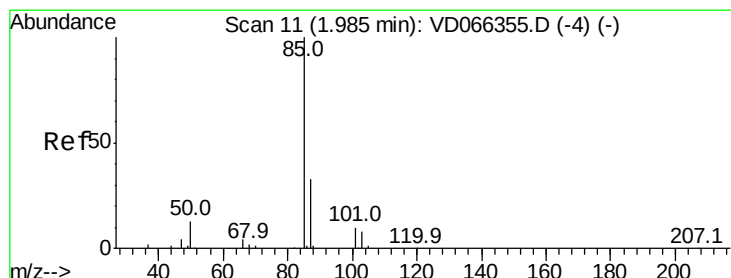
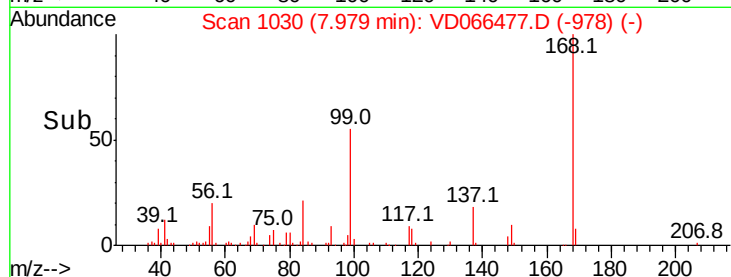
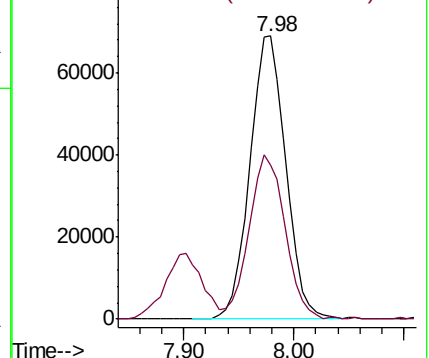
168 100

99 54.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.478 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066477.D

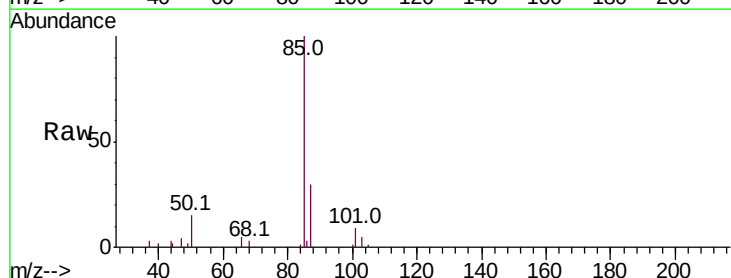
Acq: 31 Aug 2020 12:14

Tgt Ion: 85 Resp: 27393

Ion Ratio Lower Upper

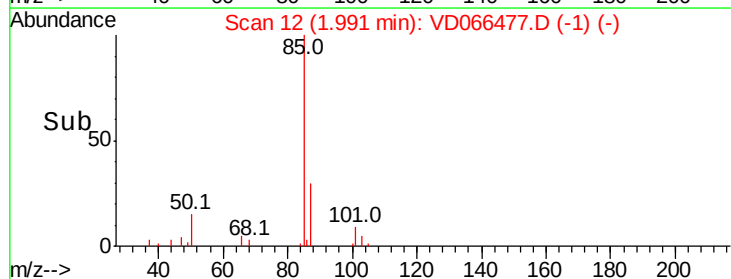
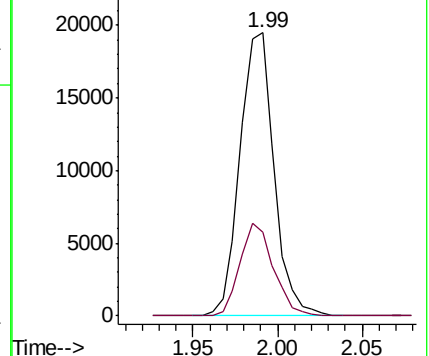
85 100

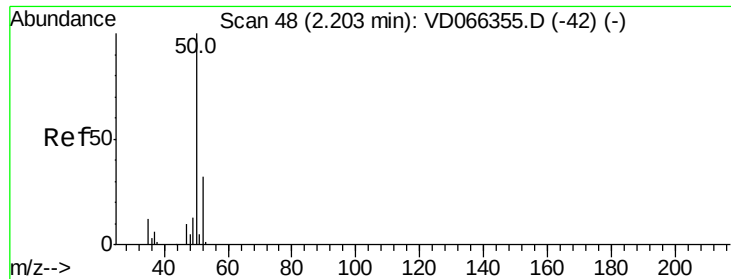
87 29.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.505 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066477.D

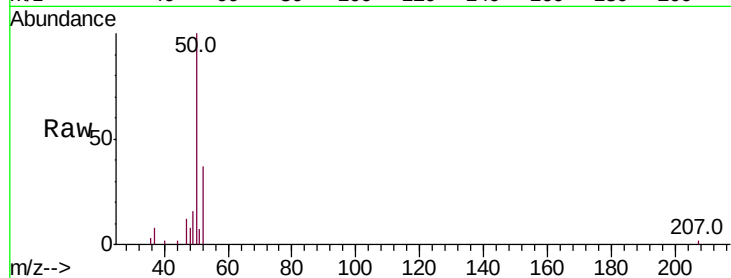
Acq: 31 Aug 2020 12:14

Tot Ion: 50 Resp: 16598

Ion Ratio Lower Upper

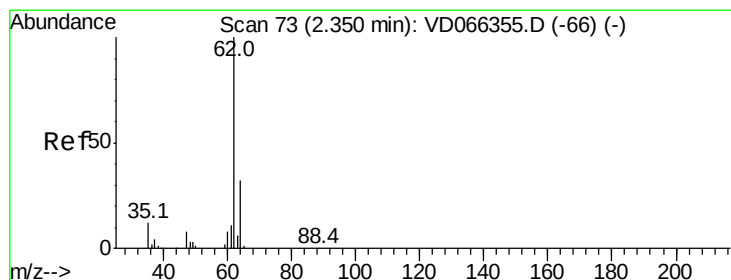
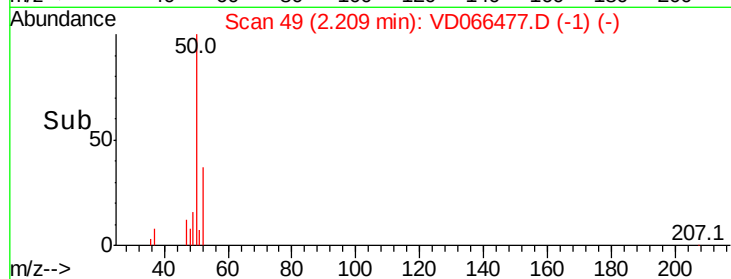
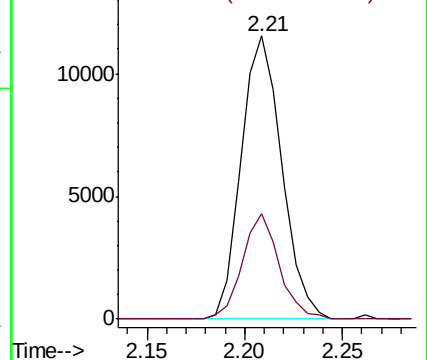
50 100

52 37.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.691 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066477.D

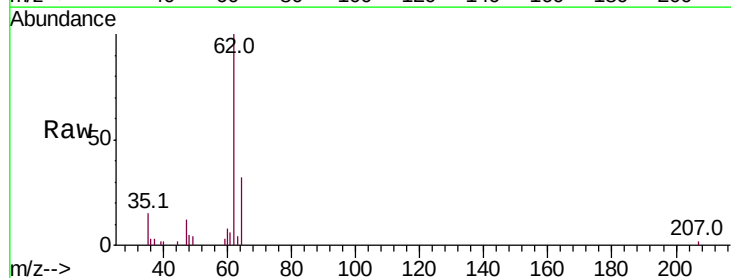
Acq: 31 Aug 2020 12:14

Tgt Ion: 62 Resp: 19028

Ion Ratio Lower Upper

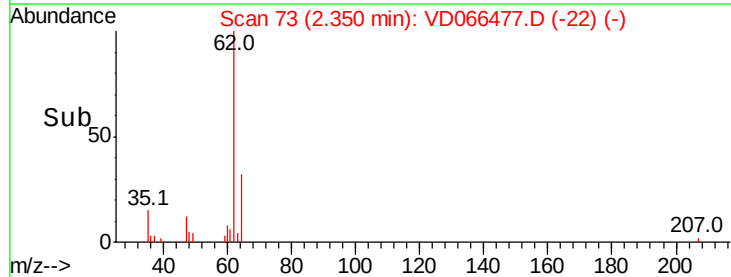
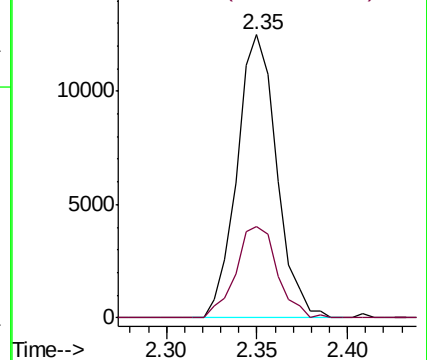
62 100

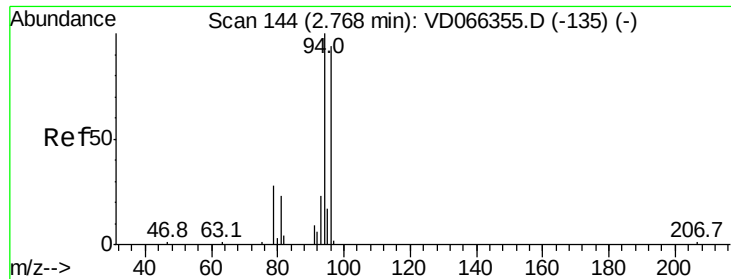
64 32.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.215 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066477.D

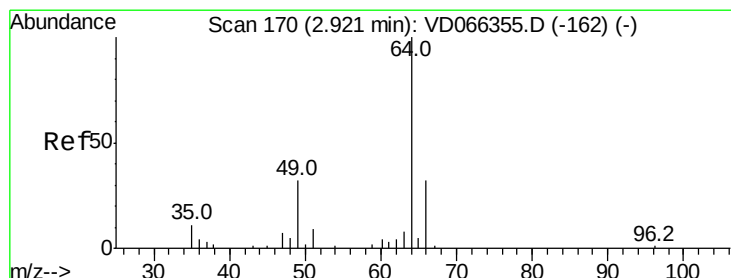
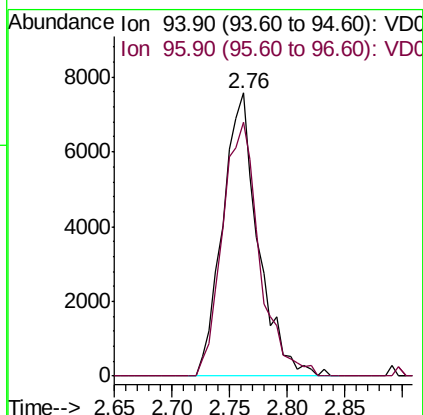
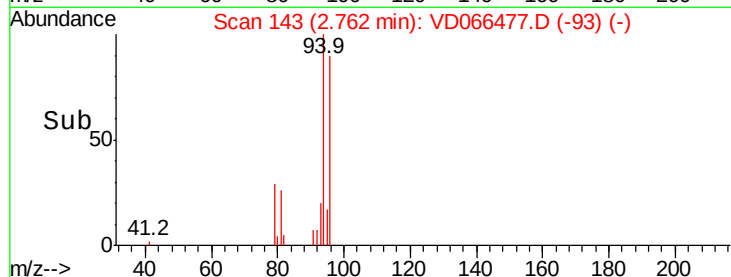
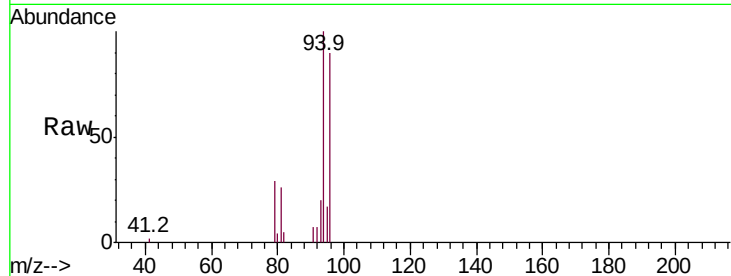
Acq: 31 Aug 2020 12:14

Tot Ion: 94 Resp: 16154

Ion Ratio Lower Upper

94 100

96 89.6 75.0 112.4



#6

Chloroethane

Concen: 20.585 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066477.D

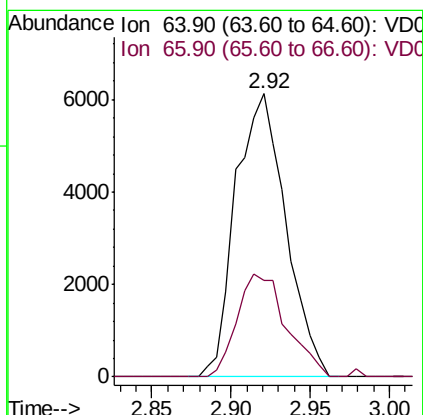
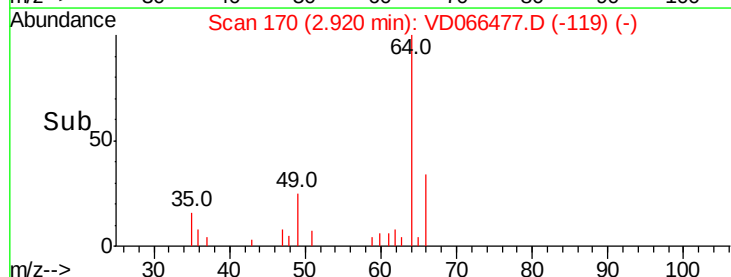
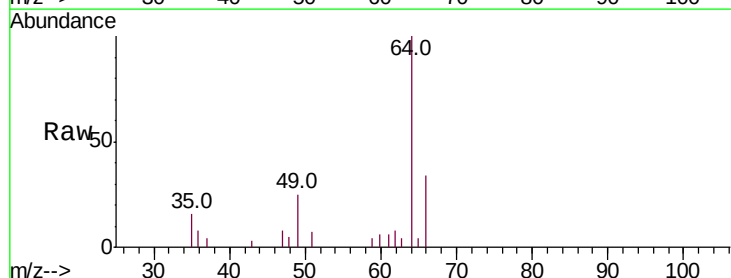
Acq: 31 Aug 2020 12:14

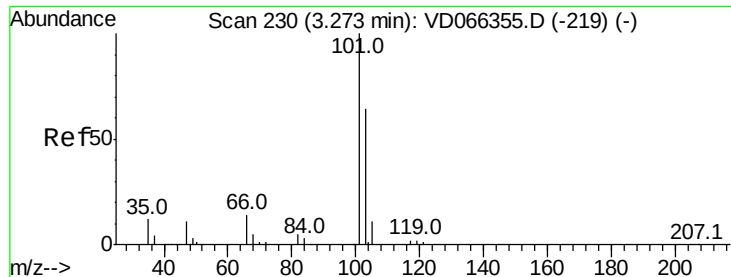
Tgt Ion: 64 Resp: 13419

Ion Ratio Lower Upper

64 100

66 34.0 25.9 38.9

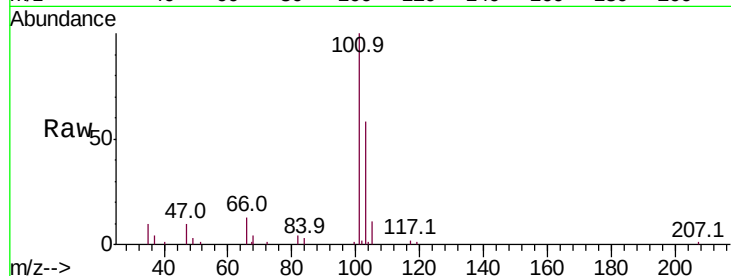




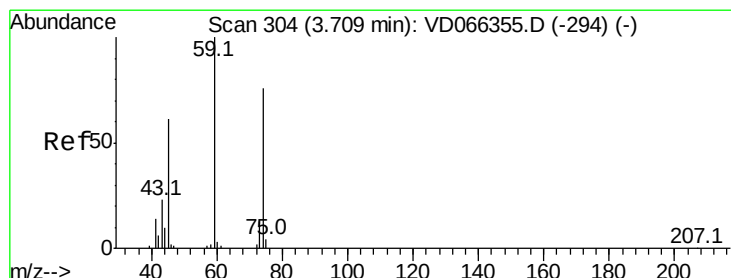
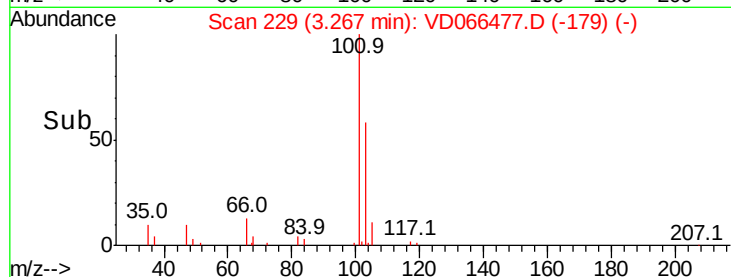
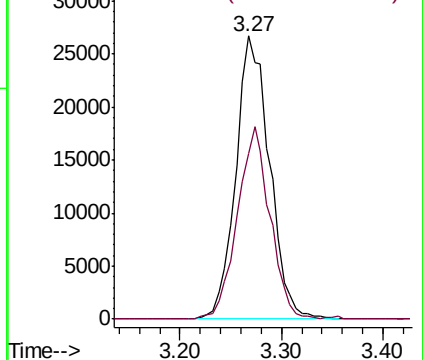
#7

Trichlorofluoromethane
Concen: 22.303 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tot Ion:101 Resp: 61741
Ion Ratio Lower Upper
101 100
103 58.4 51.4 77.0



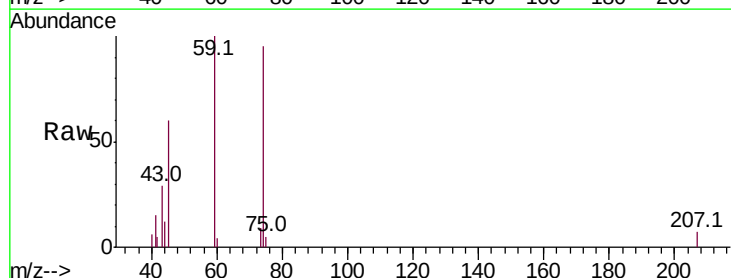
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



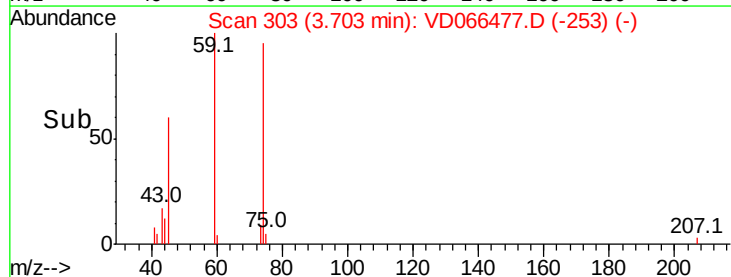
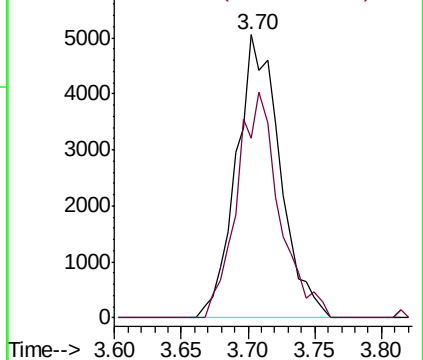
#8

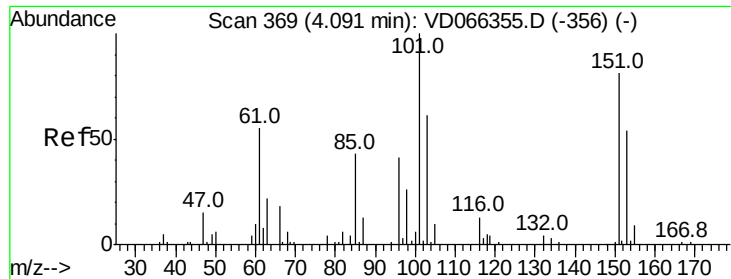
Diethyl Ether
Concen: 18.451 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tgt Ion: 74 Resp: 11444
Ion Ratio Lower Upper
74 100
45 77.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.934 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

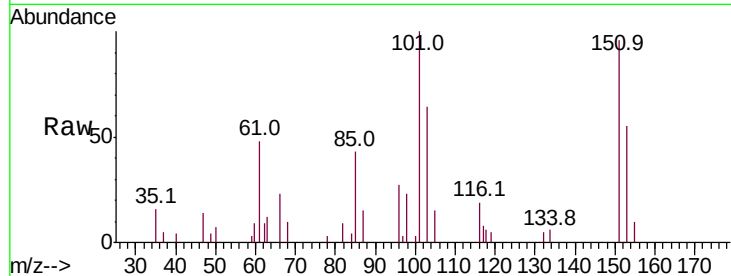
Tot Ion:101 Resp: 24501

Ion Ratio Lower Upper

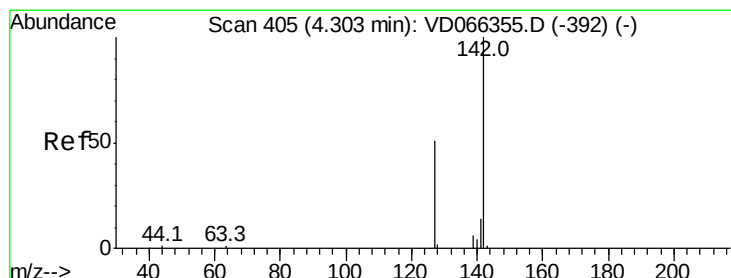
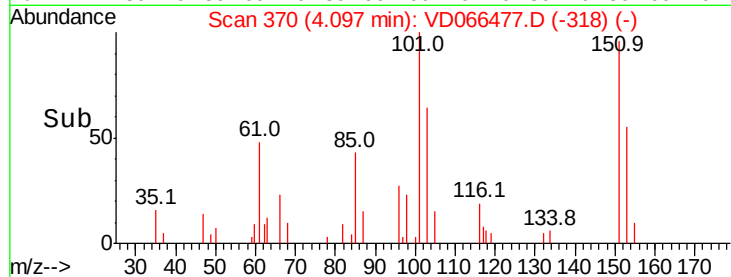
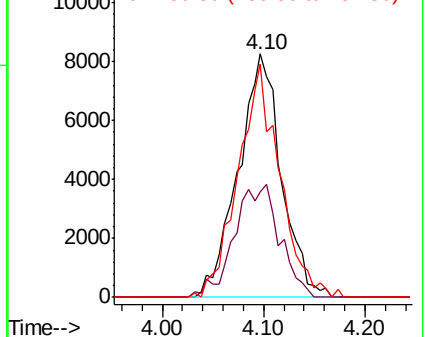
101 100

85 48.7 36.4 54.6

151 92.5 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.801 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

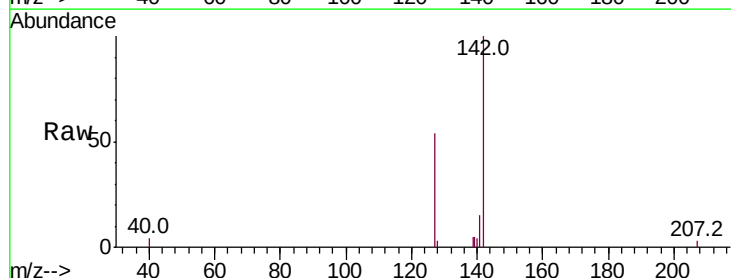
Tgt Ion:142 Resp: 24620

Ion Ratio Lower Upper

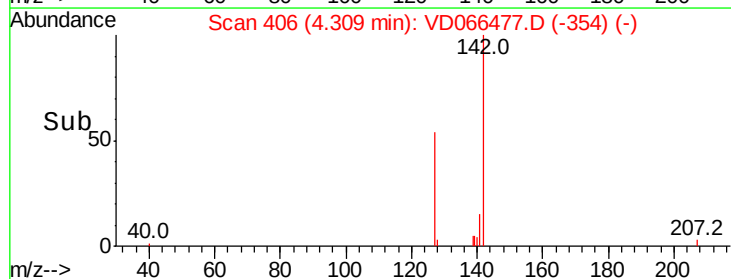
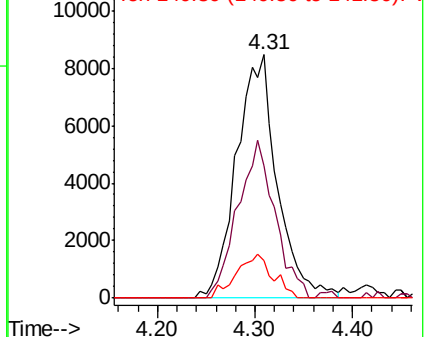
142 100

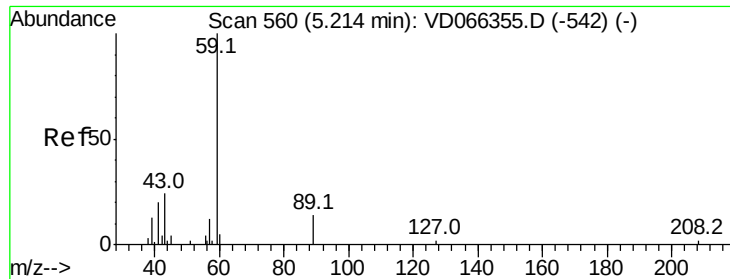
127 59.3 41.8 62.8

141 16.0 11.8 17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

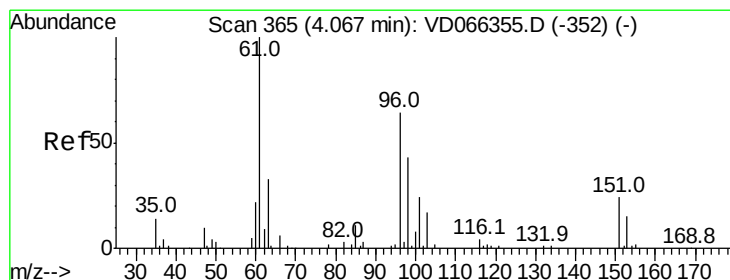
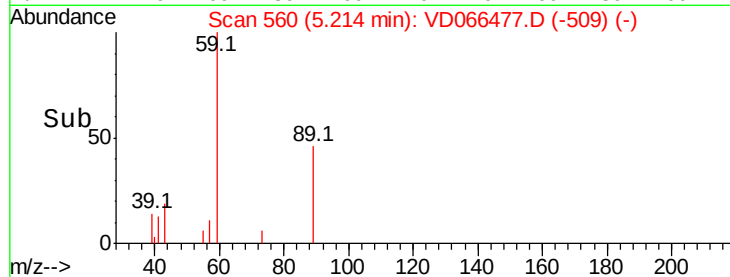
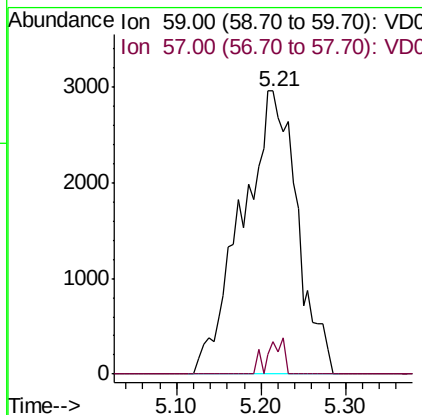
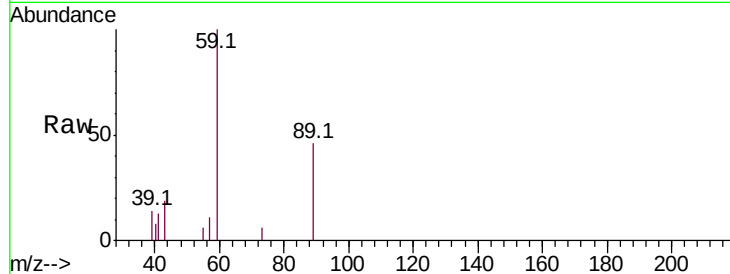




#11

Tert butyl alcohol
 Concen: 130.442 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

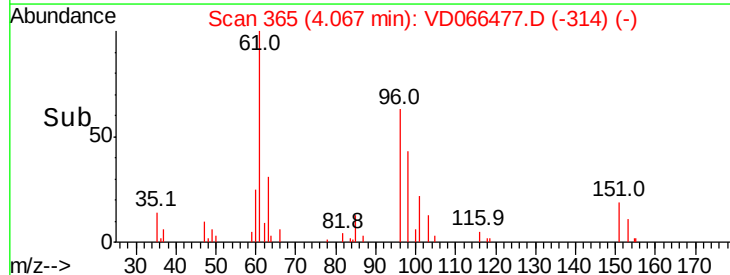
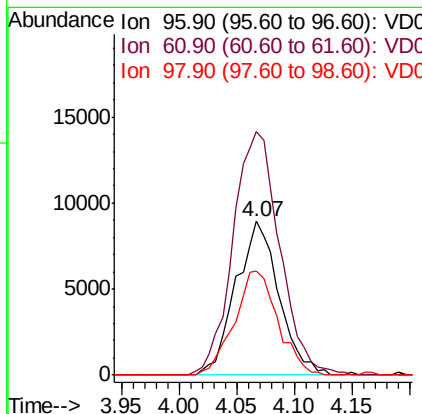
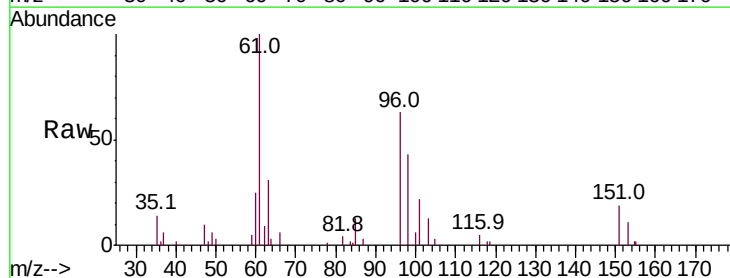
Tot Ion	59	Resp	13391
Ion Ratio	Lower	Upper	
59	100		
57	3.8	9.0	13.4#

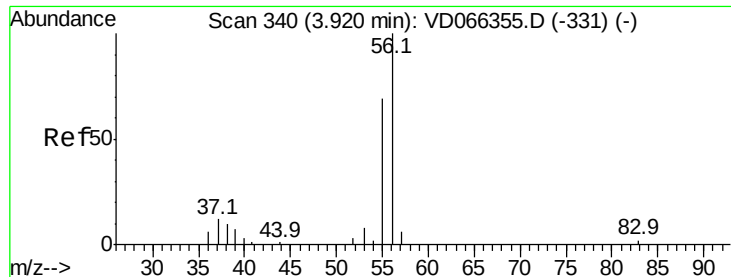


#12

1,1-Dichloroethene
 Concen: 18.133 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tgt Ion	96	Resp	23254
Ion Ratio	Lower	Upper	
96	100		
61	158.6	124.3	186.5
98	68.1	53.2	79.8





#13

Acrolein

Concen: 53.314 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066477.D

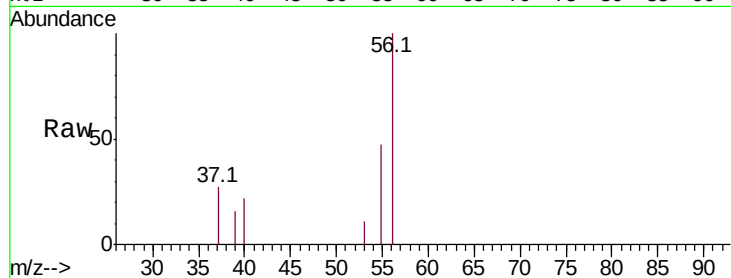
Acq: 31 Aug 2020 12:14

Tot Ion: 56 Resp: 3652

Ion Ratio Lower Upper

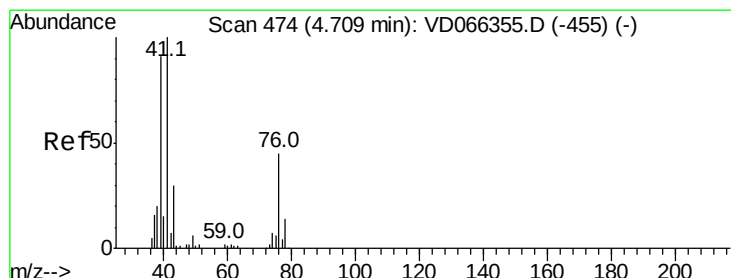
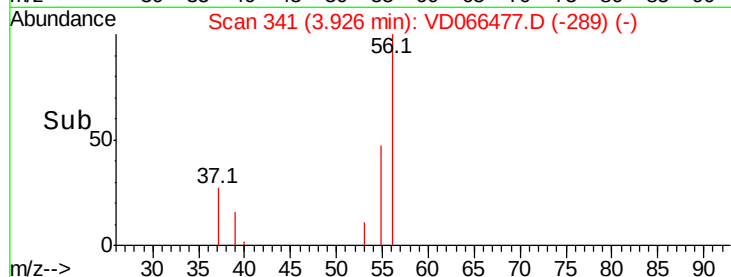
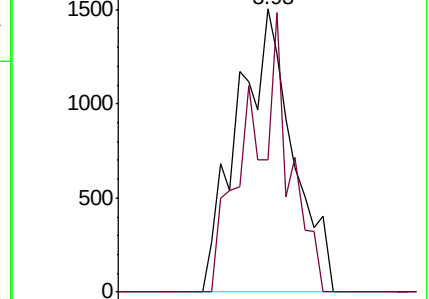
56 100

55 72.1 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 16.333 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

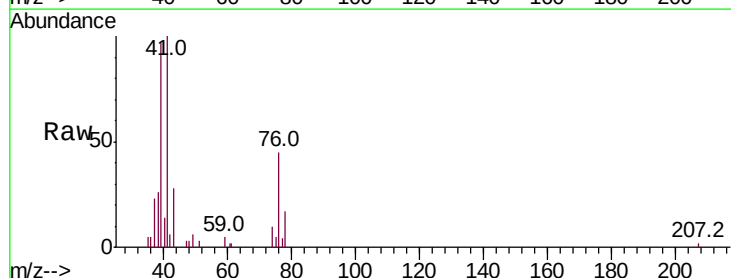
Tgt Ion: 41 Resp: 27957

Ion Ratio Lower Upper

41 100

39 109.0 72.8 109.2

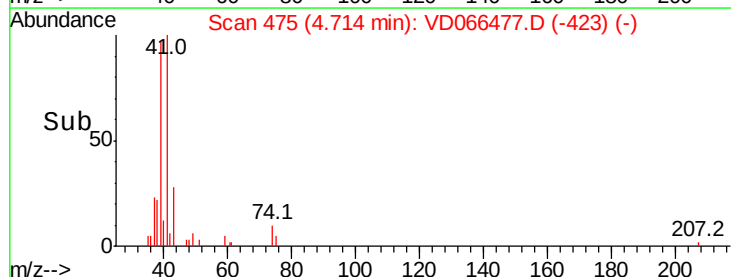
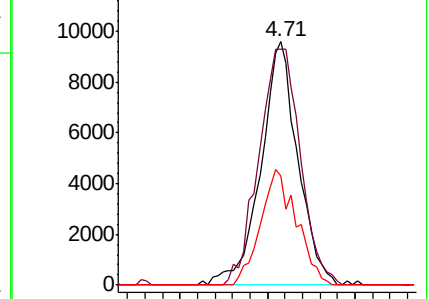
76 46.0 34.0 51.0

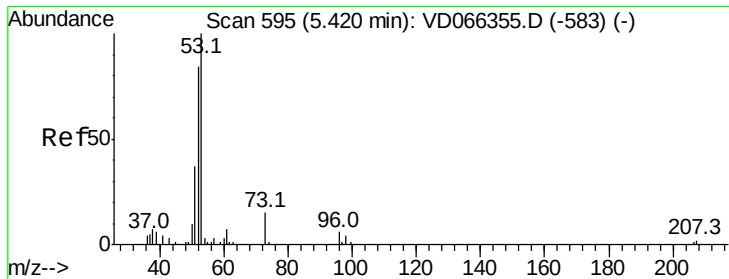


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 83.087 ug/l

RT: 5.43 min Scan# 597

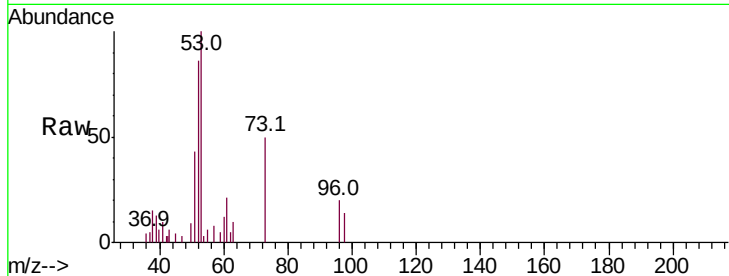
Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tot Ion: 53 Resp: 20677

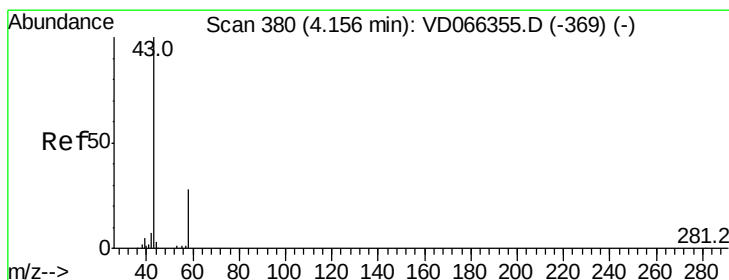
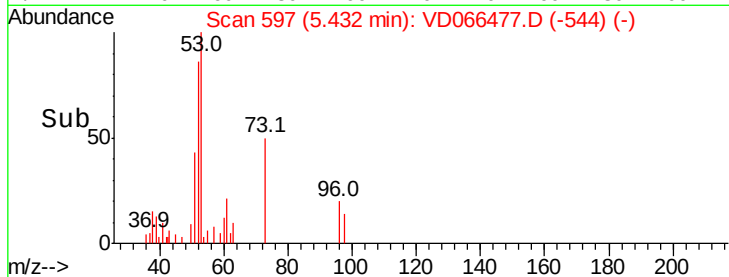
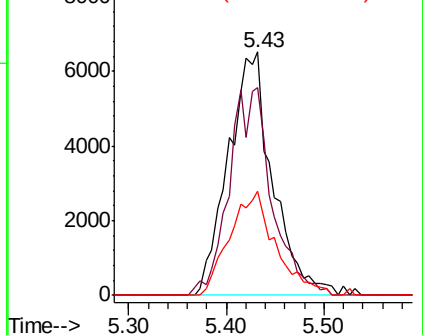
Ion	Ratio	Lower	Upper
53	100		
52	37.7	68.1	102.1#
51	44.1	33.8	50.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 92.965 ug/l

RT: 4.16 min Scan# 380

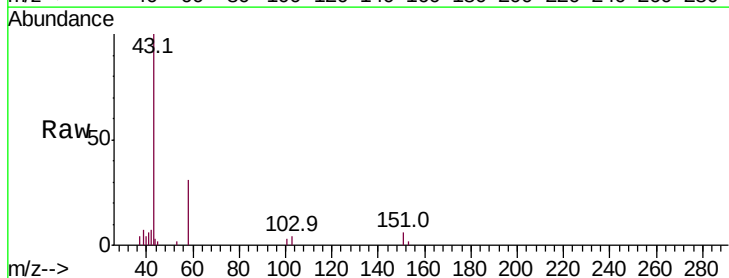
Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

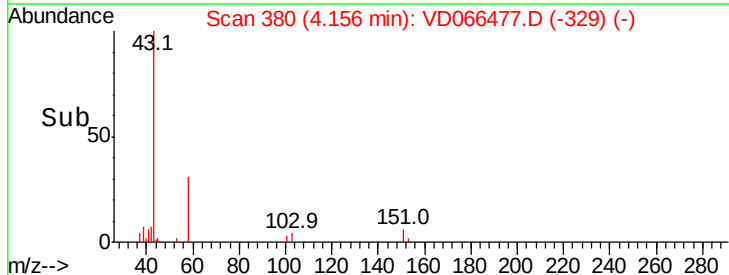
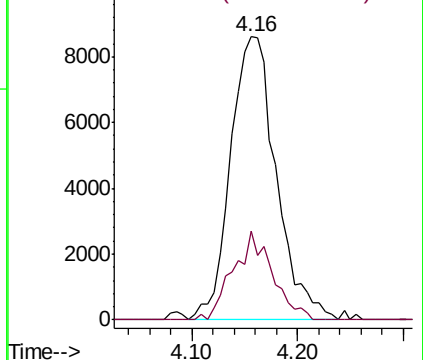
Tgt Ion: 43 Resp: 25854

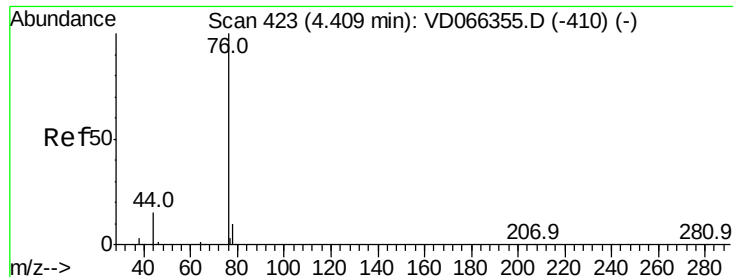
Ion	Ratio	Lower	Upper
43	100		
58	31.4	22.7	34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 16.473 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066477.D

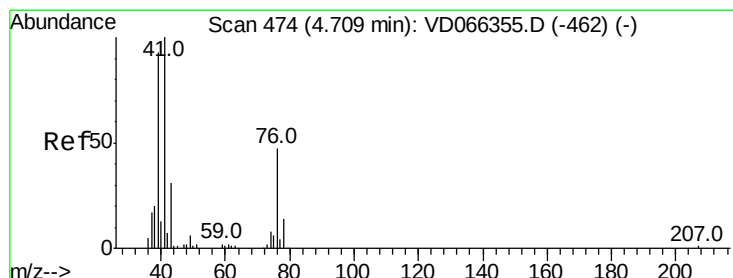
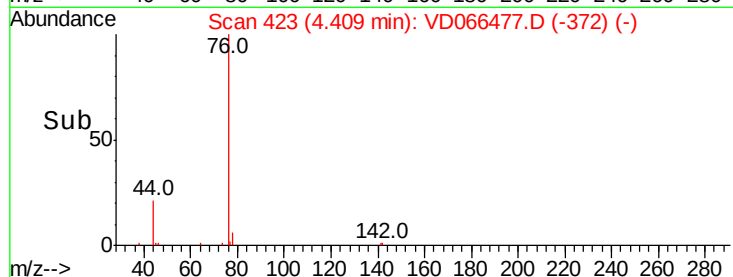
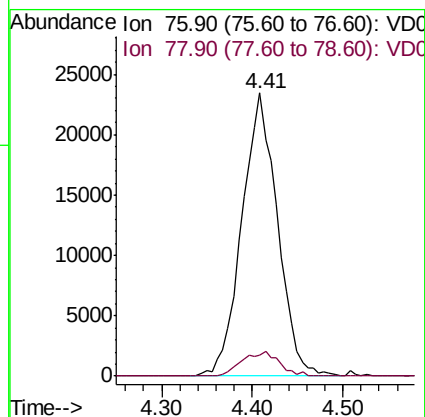
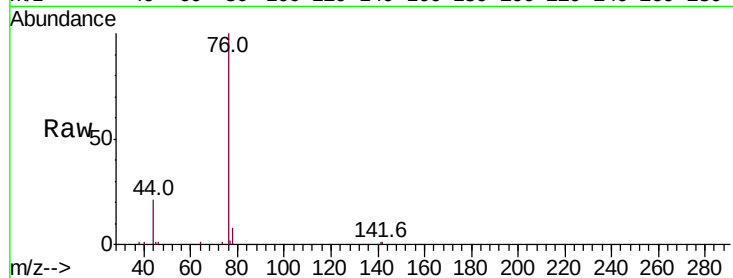
Acq: 31 Aug 2020 12:14

Tot Ion: 76 Resp: 64022

Ion Ratio Lower Upper

76 100

78 7.6 7.7 11.5#



#18

Methyl Acetate

Concen: 16.379 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066477.D

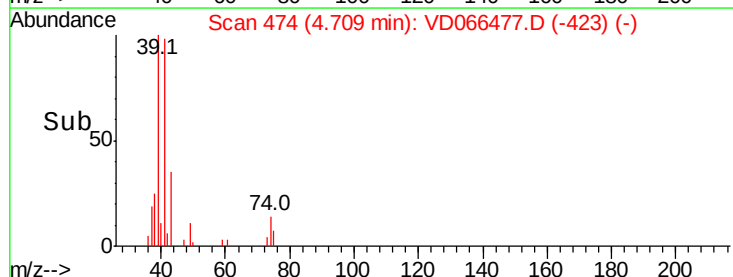
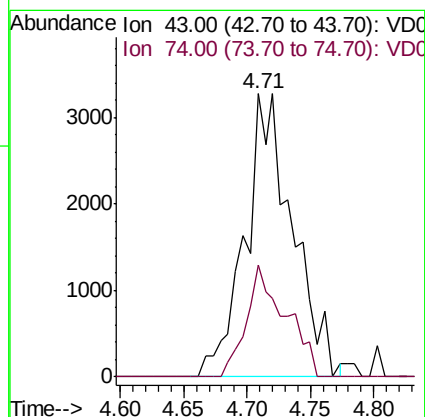
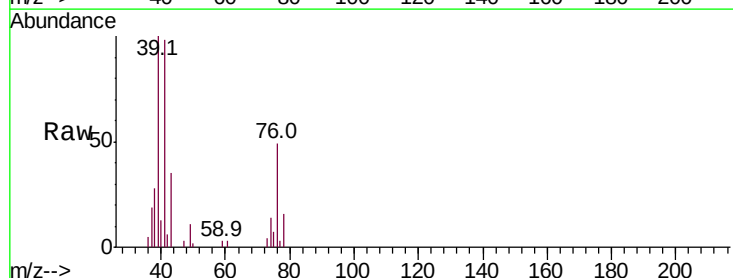
Acq: 31 Aug 2020 12:14

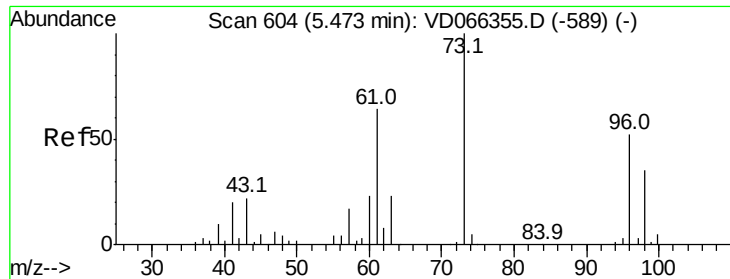
Tgt Ion: 43 Resp: 8549

Ion Ratio Lower Upper

43 100

74 32.4 21.0 31.6#

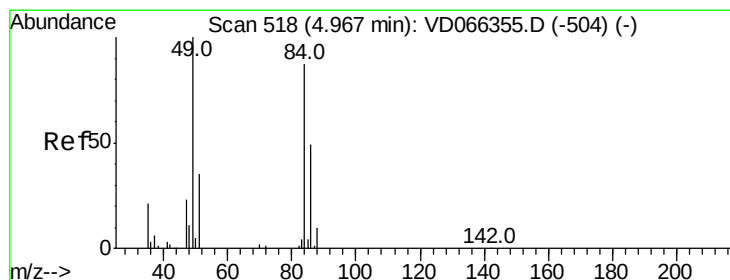
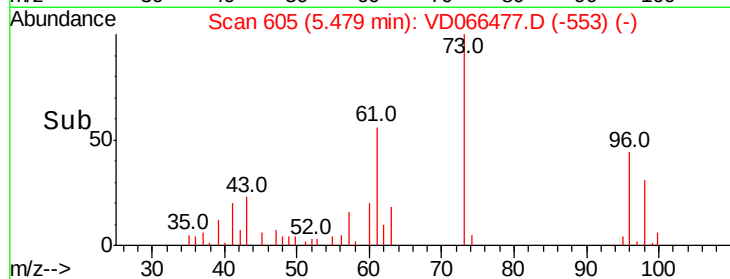
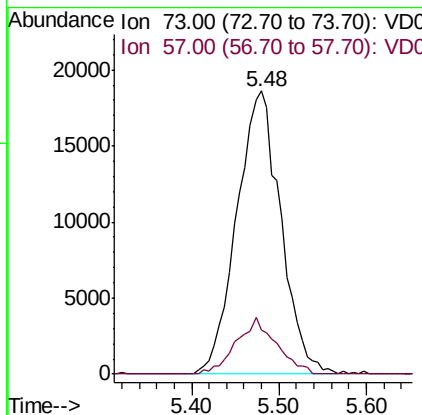
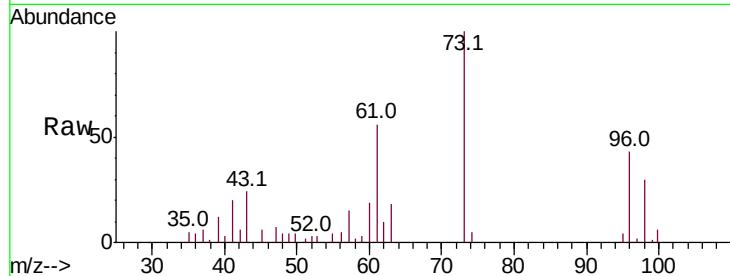




#19

Methyl tert-butyl Ether
 Concen: 20.632 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

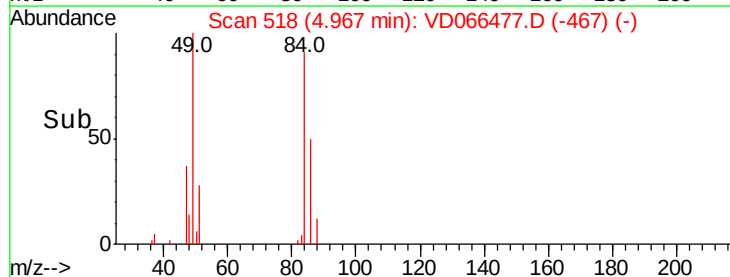
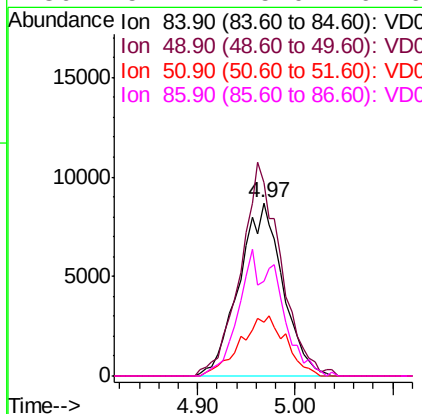
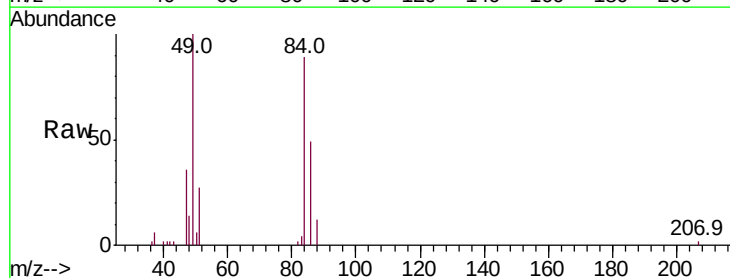
Tot Ion: 73 Resp: 63710
 Ion Ratio Lower Upper
 73 100
 57 15.4 13.8 20.6

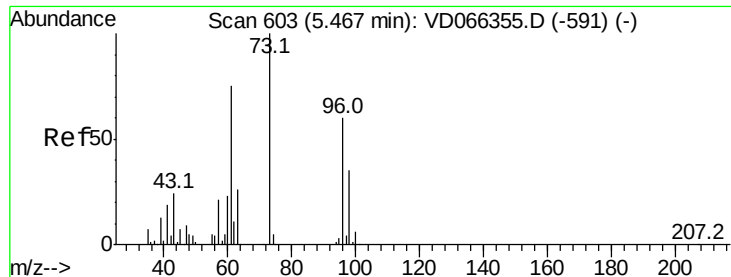


#20

Methylene Chloride
 Concen: 13.676 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tgt Ion: 84 Resp: 27161
 Ion Ratio Lower Upper
 84 100
 49 112.0 92.5 138.7
 51 30.7 32.5 48.7#
 86 54.7 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 18.370 ug/l

RT: 5.47 min Scan# 603

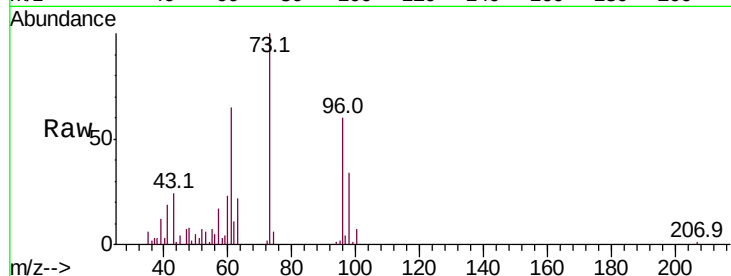
Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tot Ion: 96 Resp: 27422

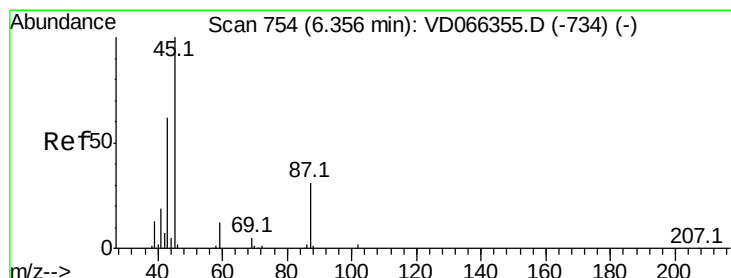
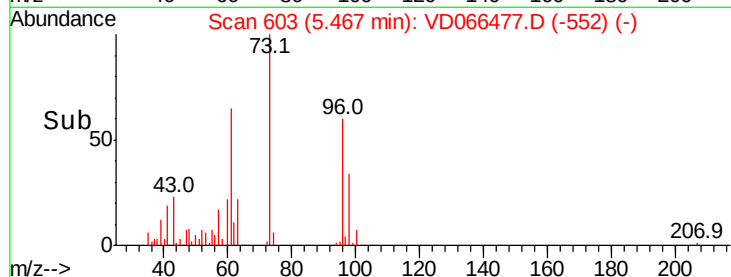
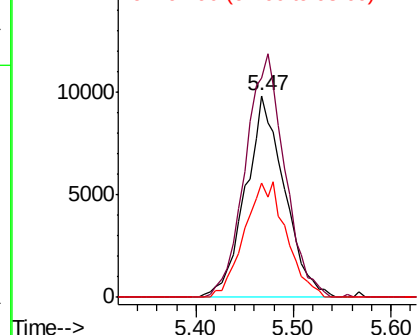
Ion	Ratio	Lower	Upper
96	100		
61	108.7	101.1	151.7
98	56.5	47.0	70.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 16.361 ug/l

RT: 6.36 min Scan# 755

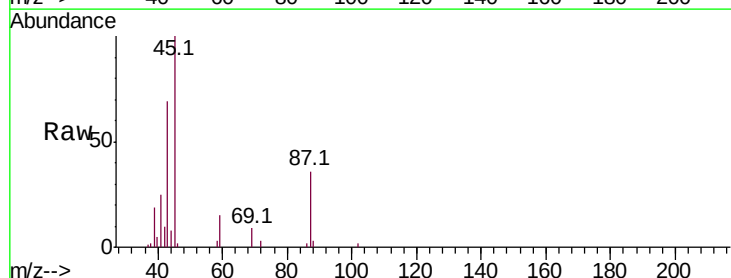
Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tgt Ion: 45 Resp: 54219

Ion	Ratio	Lower	Upper
45	100		
43	66.7	49.8	74.8
87	35.7	25.0	37.6
59	14.9	9.6	14.4#

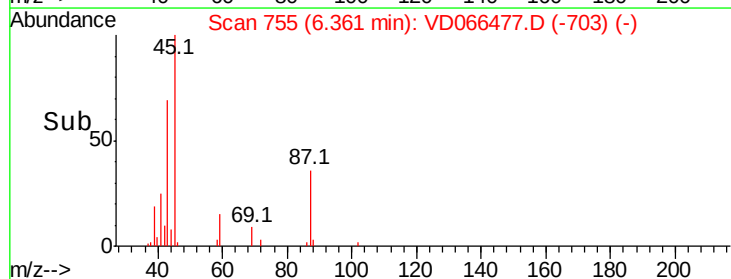
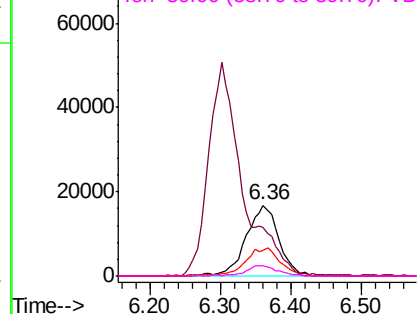


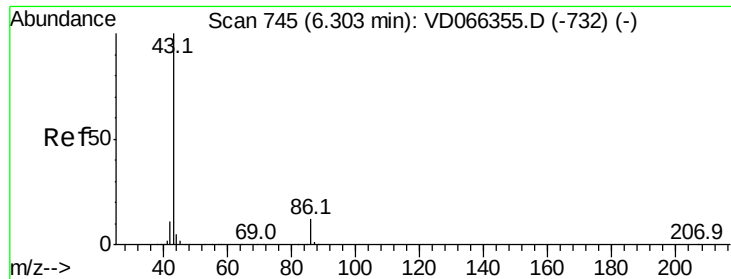
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 83.061 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066477.D

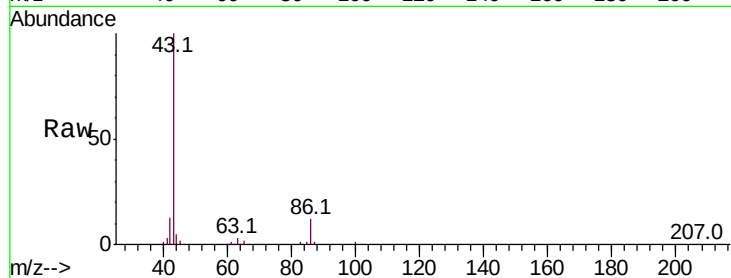
Acq: 31 Aug 2020 12:14

Tot Ion: 43 Resp: 170407

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

60000

50000

40000

30000

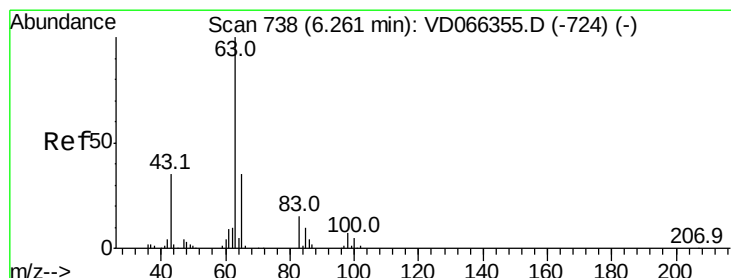
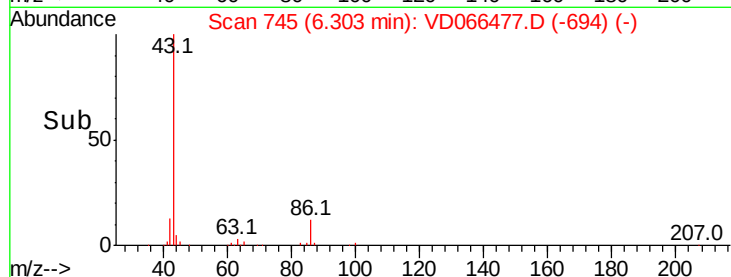
20000

10000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 17.573 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

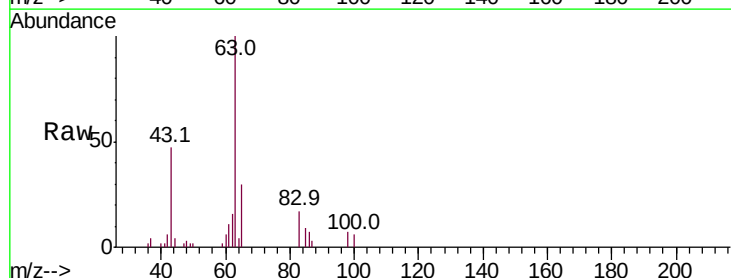
Tgt Ion: 63 Resp: 41156

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 5.9 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

15000

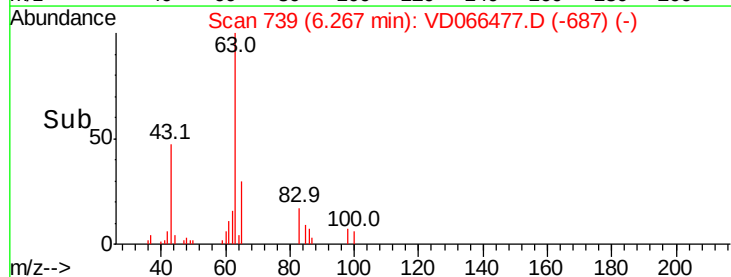
10000

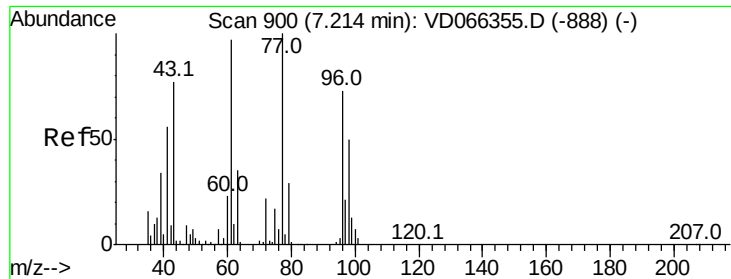
5000

0

6.20 6.30

Time-->





#25

2-Butanone

Concen: 82.280 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066477.D

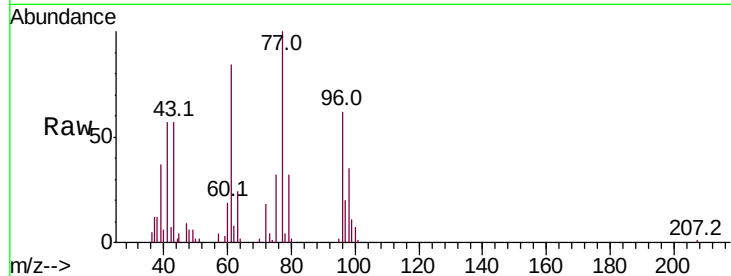
Acq: 31 Aug 2020 12:14

Tot Ion: 43 Resp: 25977

Ion Ratio Lower Upper

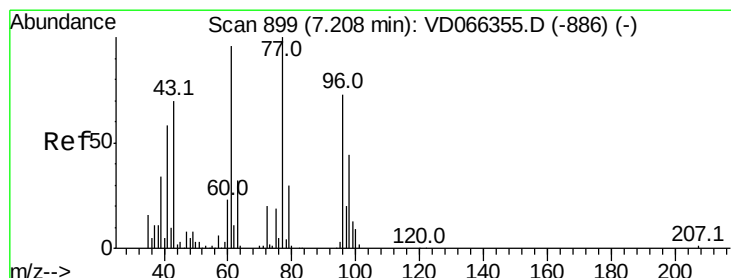
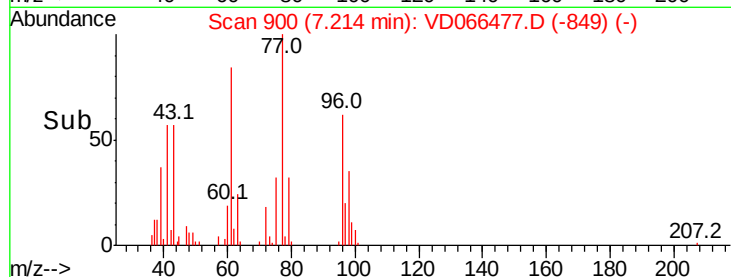
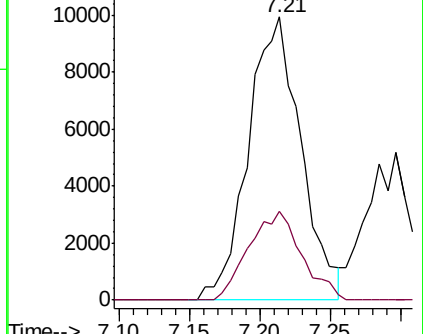
43 100

72 31.3 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.497 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066477.D

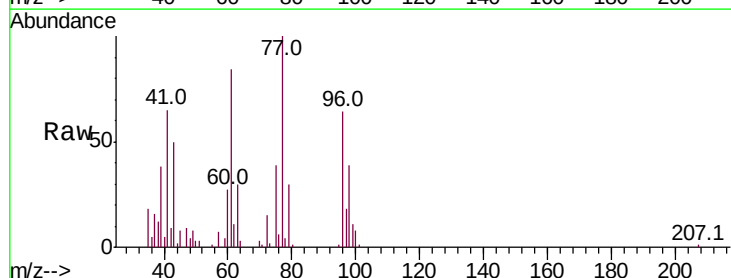
Acq: 31 Aug 2020 12:14

Tgt Ion: 77 Resp: 53959

Ion Ratio Lower Upper

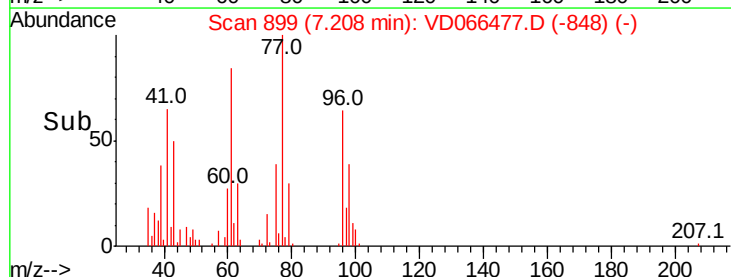
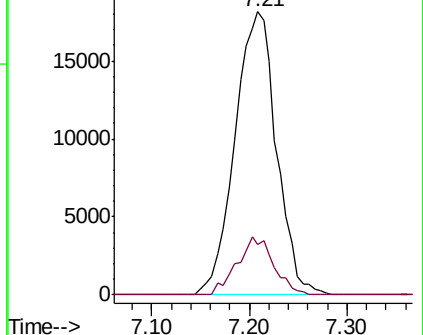
77 100

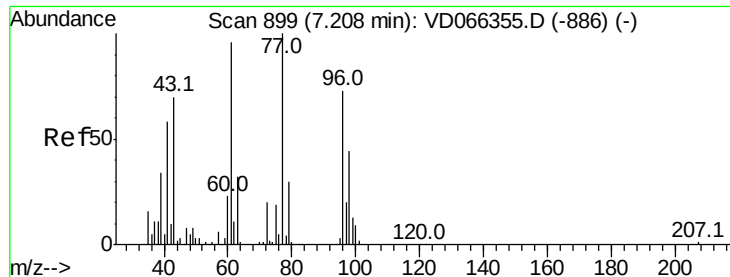
97 18.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 19.316 ug/l

RT: 7.21 min Scan# 899

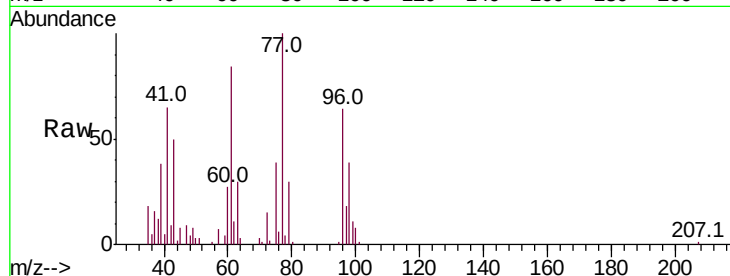
Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tot Ion: 96 Resp: 30896

Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	281.4
98	60.8	0.0	132.2



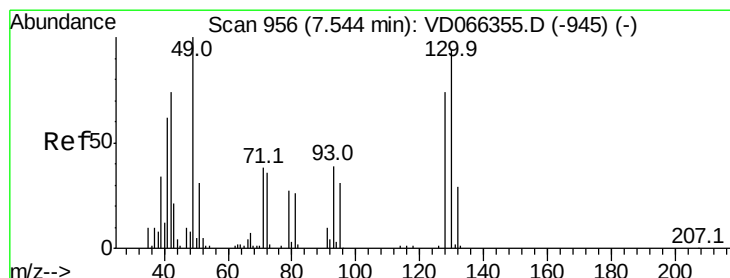
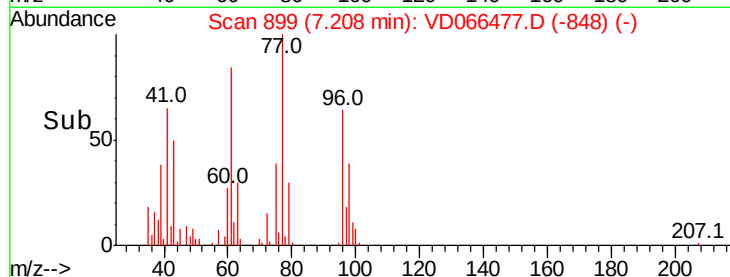
Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Time-->



#28

Bromochloromethane

Concen: 15.328 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tgt Ion: 49 Resp: 12365

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.0
130	110.3	82.6	124.0

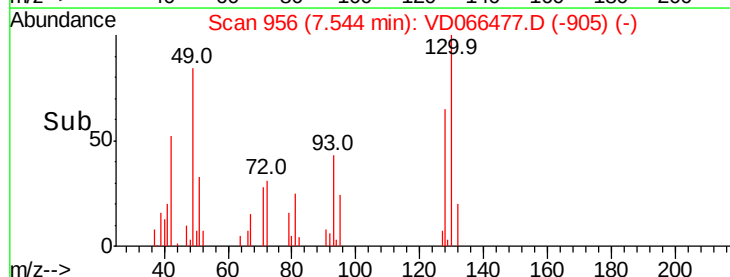
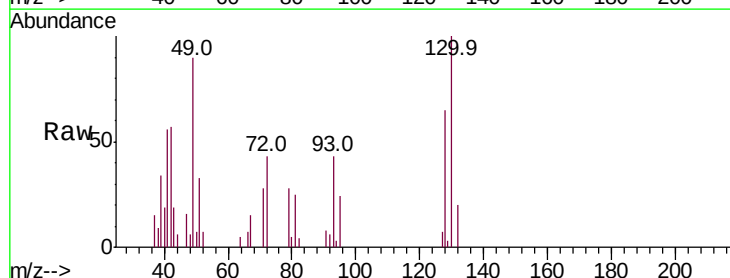
Abundance

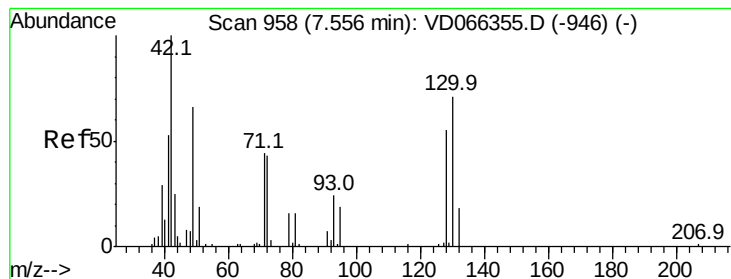
Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->





#29

Tetrahydrofuran

Concen: 76.493 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

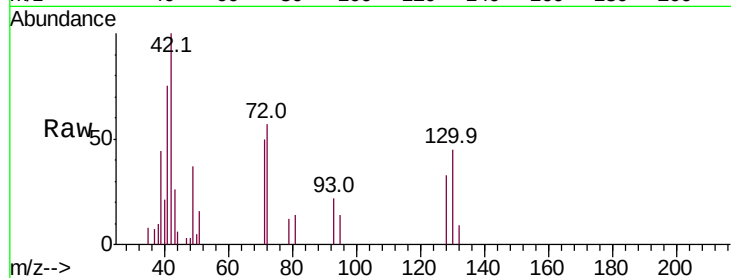
Tot Ion: 42 Resp: 13717

Ion Ratio Lower Upper

42 100

72 63.4 41.0 61.4#

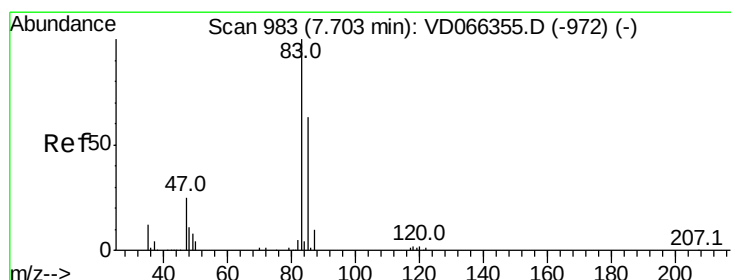
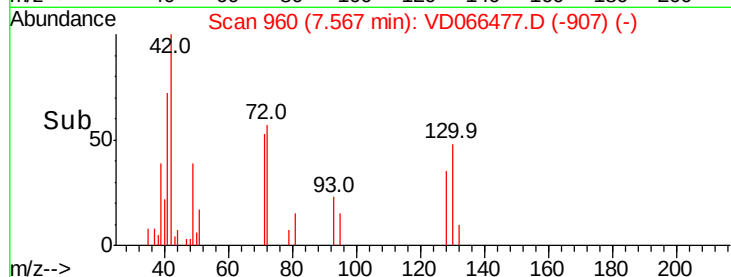
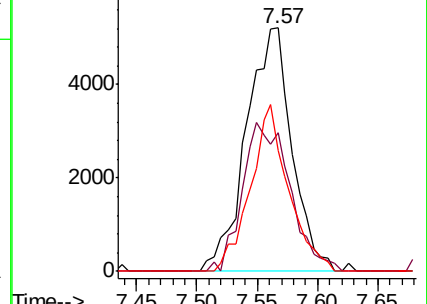
71 56.8 37.2 55.8#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.902 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066477.D

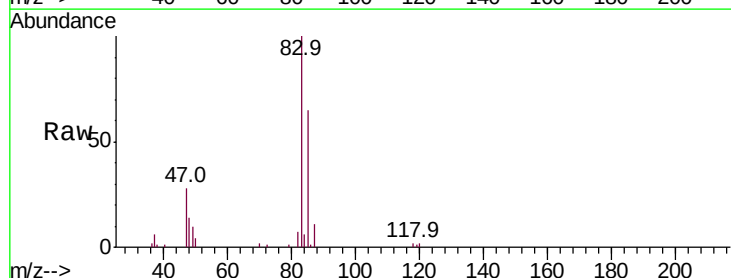
Acq: 31 Aug 2020 12:14

Tgt Ion: 83 Resp: 53927

Ion Ratio Lower Upper

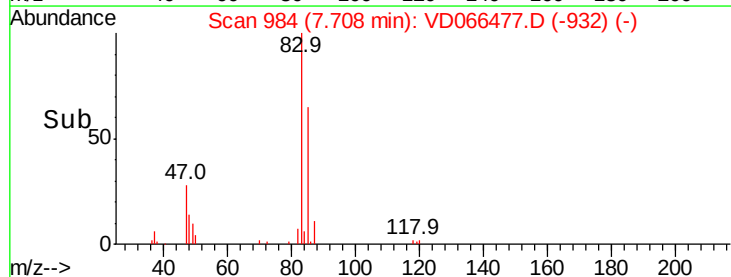
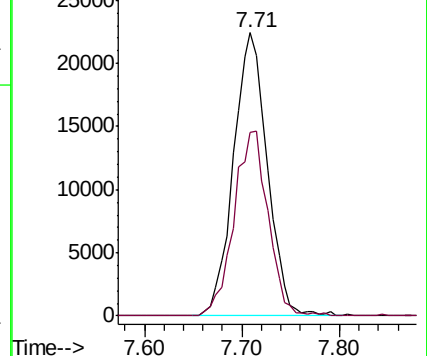
83 100

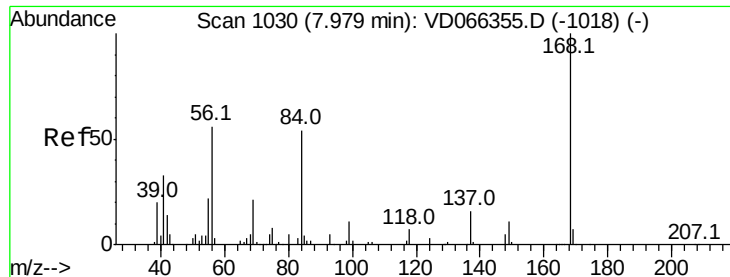
85 64.7 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 16.232 ug/l

RT: 7.98 min Scan# 1030

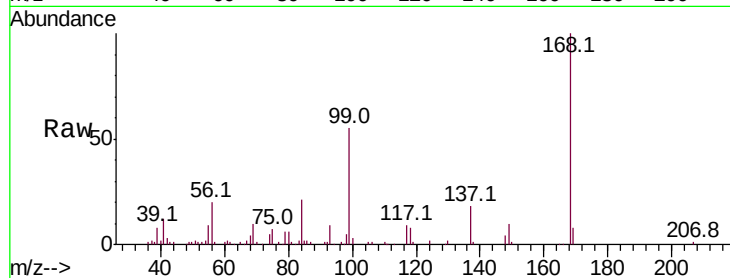
Delta R.T. -0.00 min

Lab File: VD066477.D

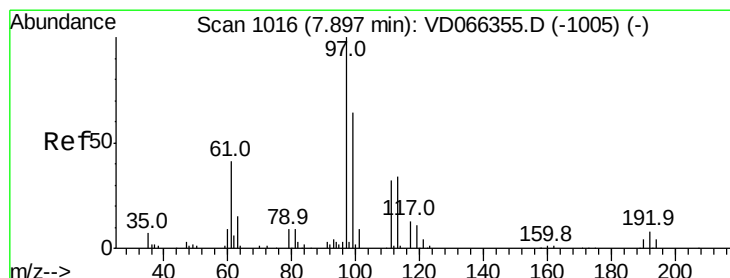
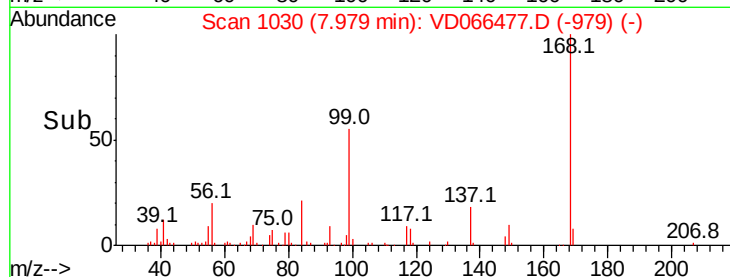
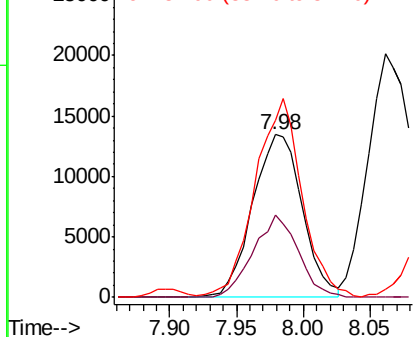
Acq: 31 Aug 2020 12:14

Tot Ion: 56 Resp: 34767

Ion	Ratio	Lower	Upper
56	100		
69	50.4	29.6	44.4#
84	106.8	76.6	115.0



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: 21.184 ug/l

RT: 7.90 min Scan# 1017

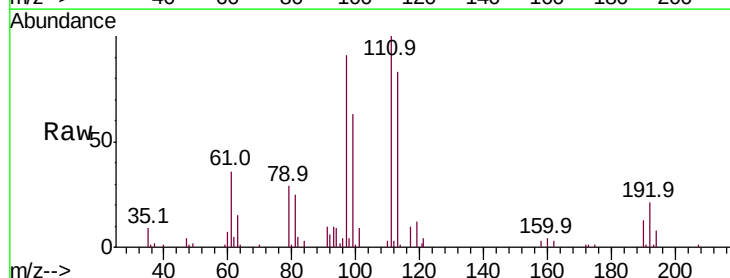
Delta R.T. 0.01 min

Lab File: VD066477.D

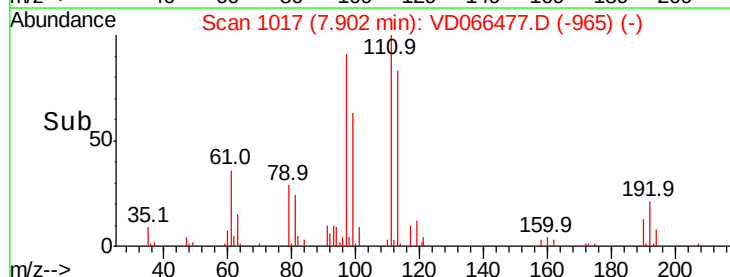
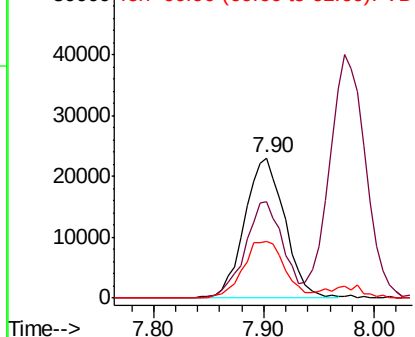
Acq: 31 Aug 2020 12:14

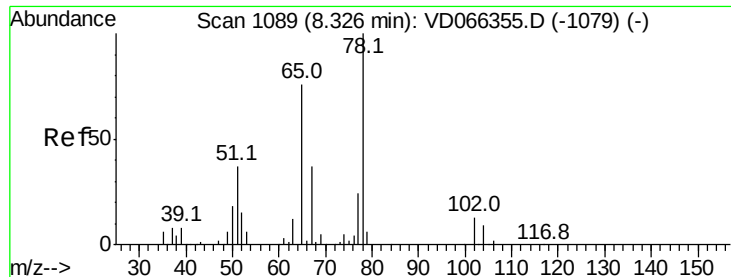
Tgt Ion: 97 Resp: 58748

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	42.0	33.3	49.9



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: 56.774 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066477.D

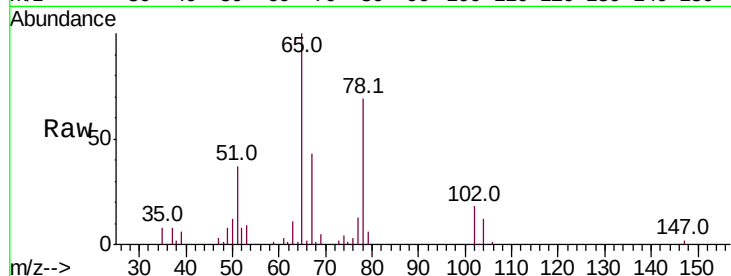
Acq: 31 Aug 2020 12:14

Tot Ion: 65 Resp: 87578

Ion Ratio Lower Upper

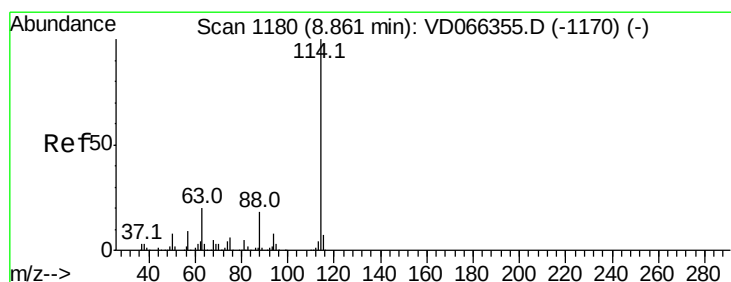
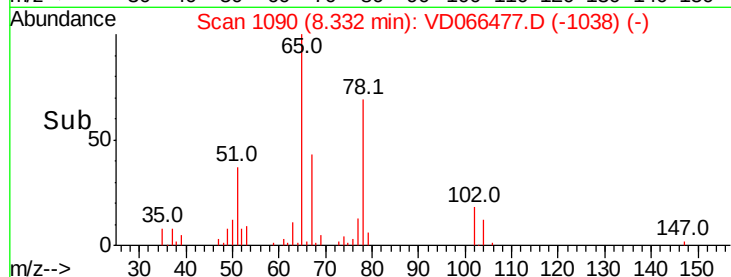
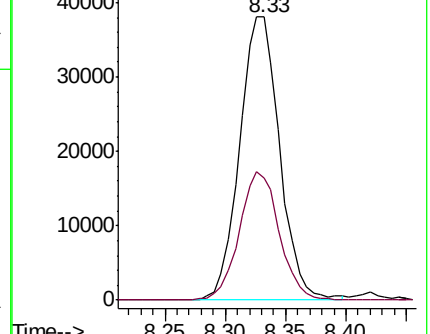
65 100

67 45.4 0.0 101.6



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: VD066477.D

Acq: 31 Aug 2020 12:14

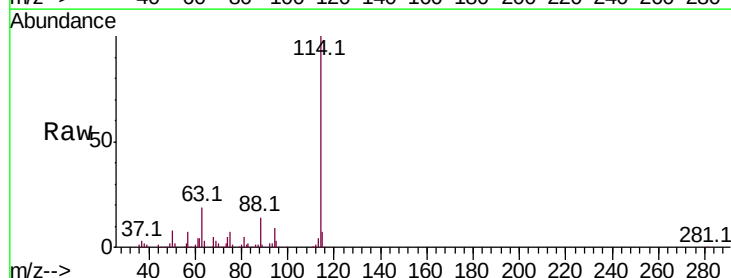
Tgt Ion: 114 Resp: 214075

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

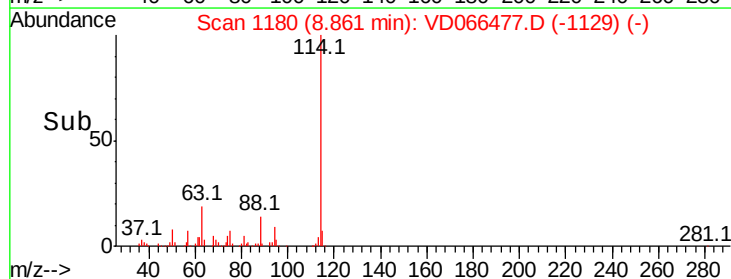
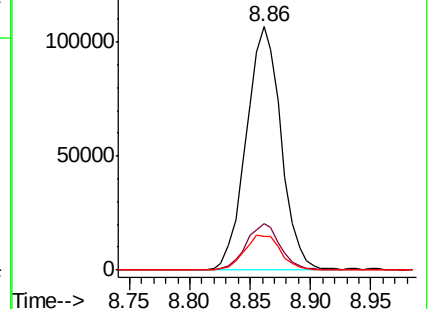
88 14.1 0.0 35.4

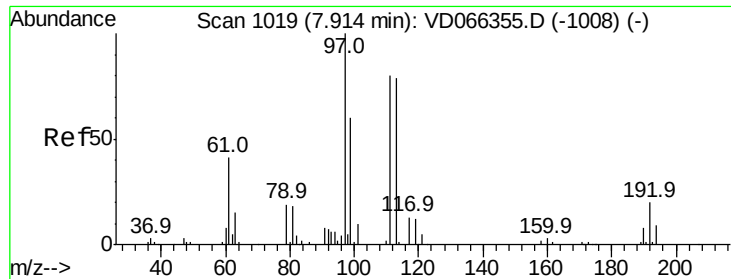


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

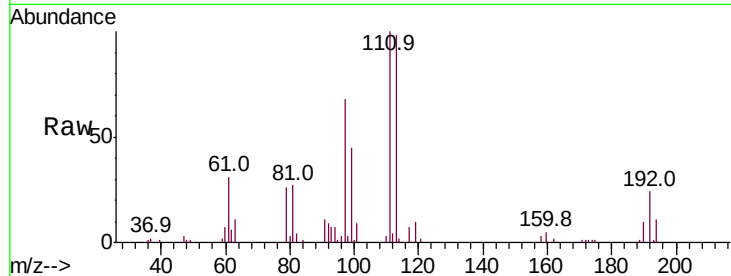
Ion 87.90 (87.60 to 88.60): VDC



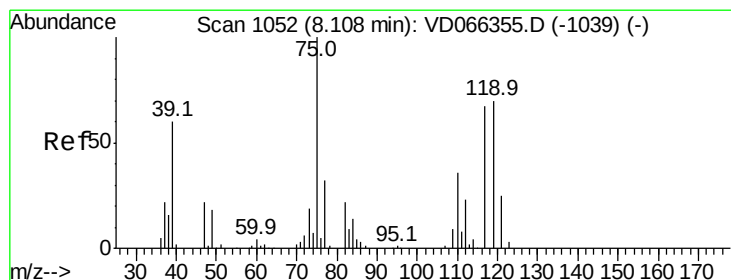
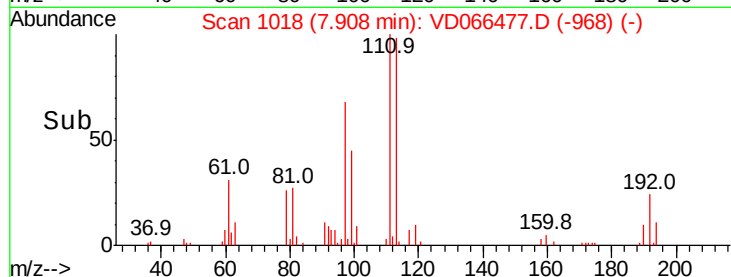
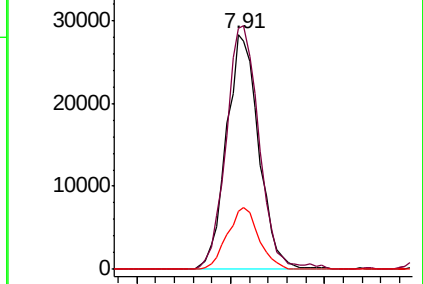


#35
 Dibromofluoromethane
 Concen: 50.622 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tot Ion:113 Resp: 67764
 Ion Ratio Lower Upper
 113 100
 111 105.4 80.3 120.5
 192 25.4 19.0 28.6

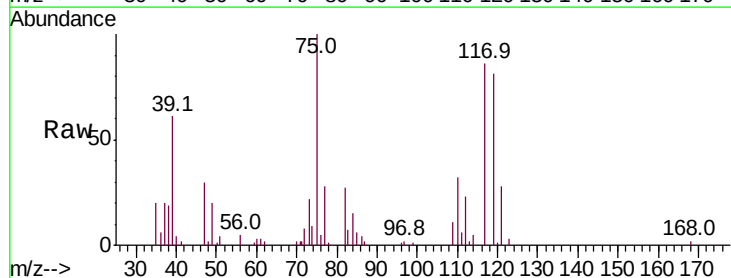


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

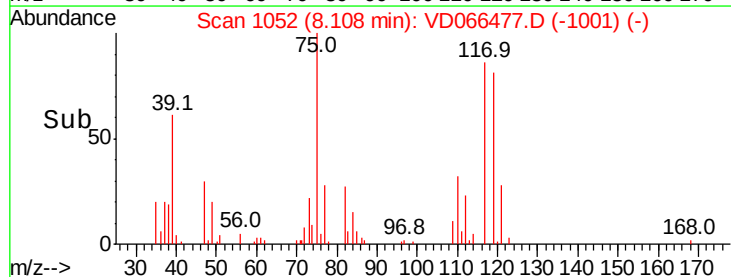
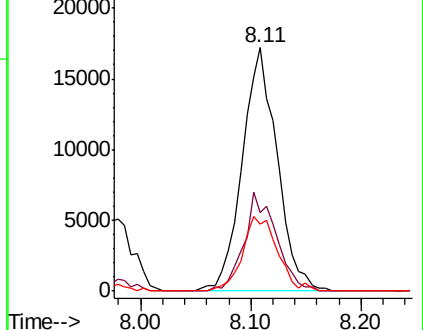


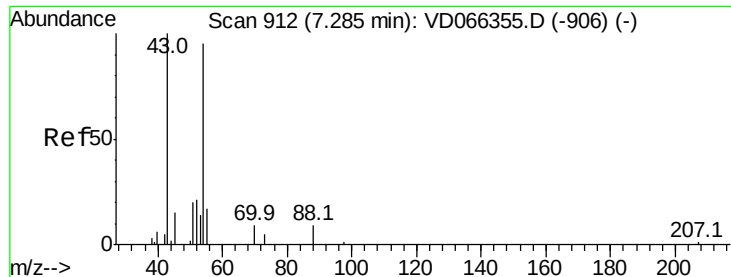
#36
 1,1-Dichloropropene
 Concen: 19.601 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tgt Ion: 75 Resp: 38286
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.7 56.1
 77 30.5 25.2 37.8



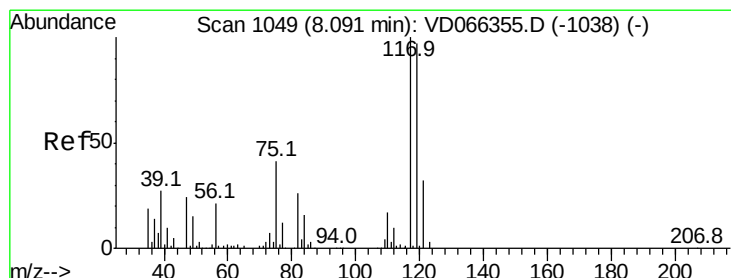
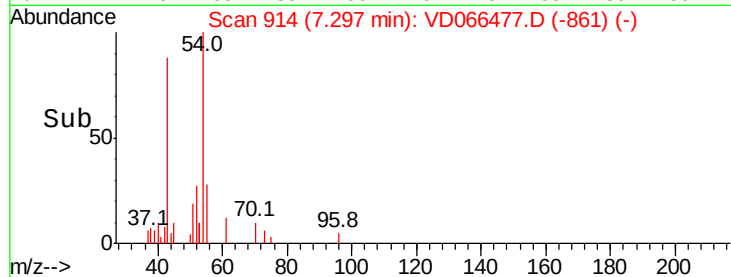
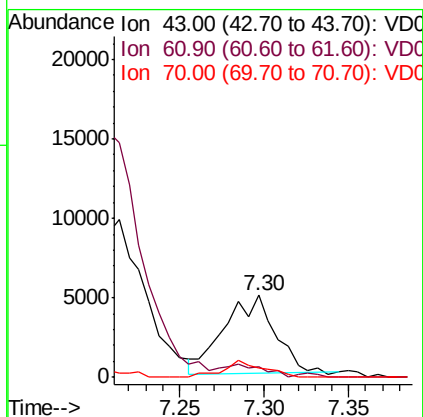
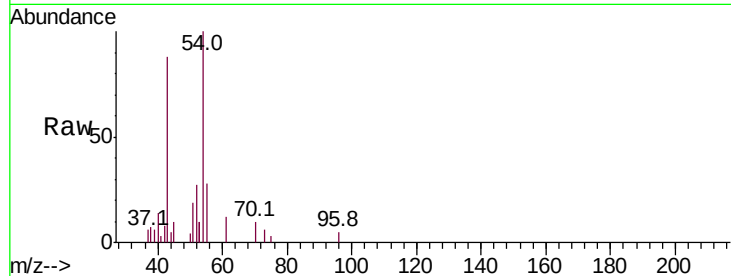
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





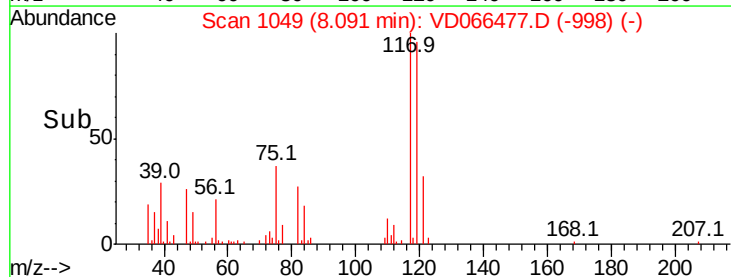
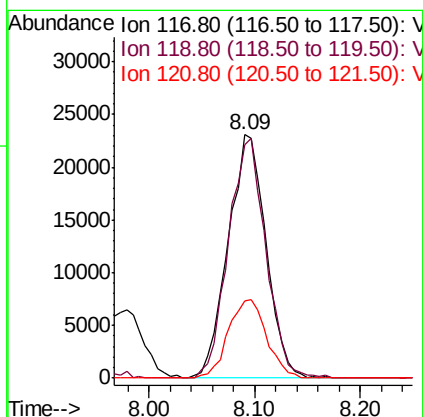
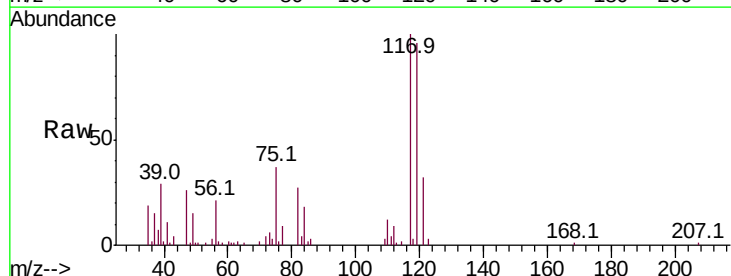
#37
Ethyl Acetate
Concen: 15.790 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

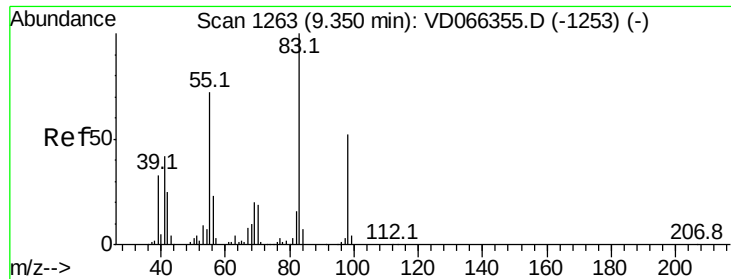
Tot Ion: 43 Resp: 10490
Ion Ratio Lower Upper
43 100
61 12.2 13.3 19.9#
70 16.6 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 22.575 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

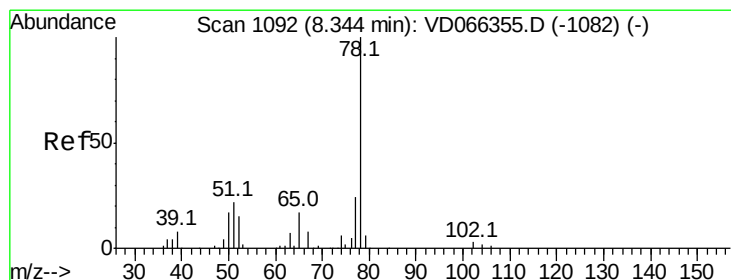
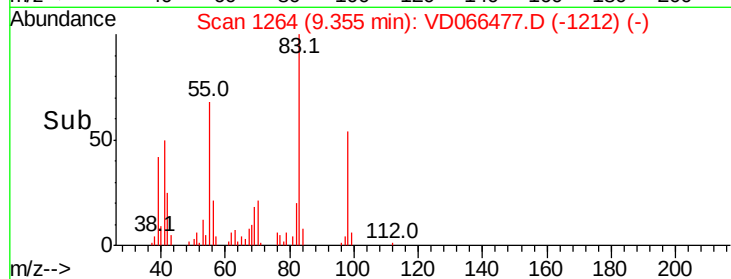
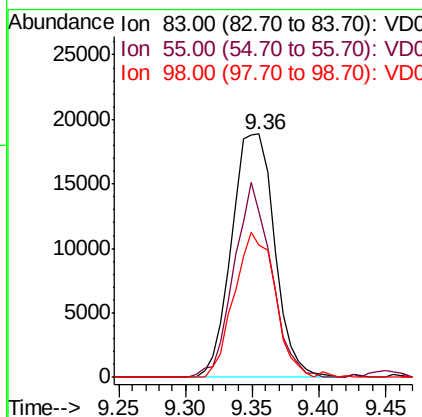
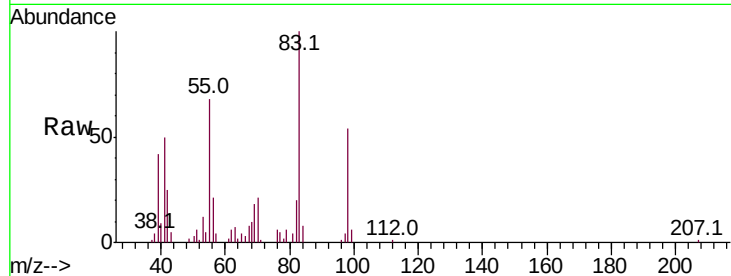
Tgt Ion: 117 Resp: 57449
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8
121 31.7 25.8 38.8





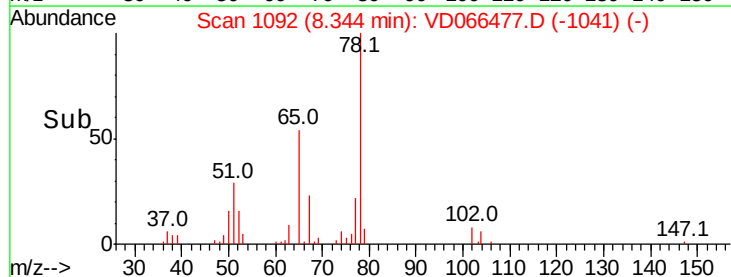
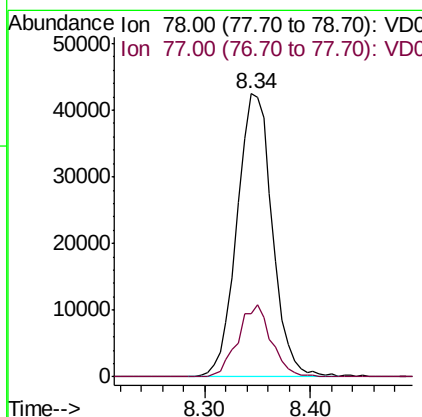
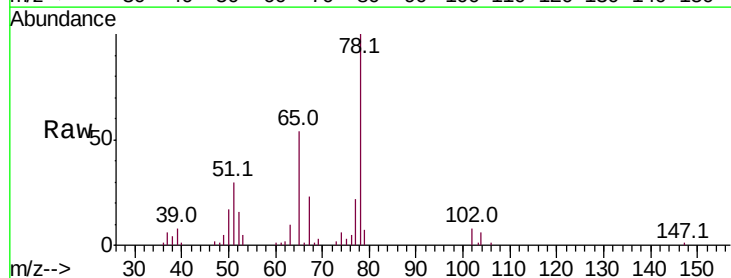
#39
Methylvlcyclohexane
Concen: 18.401 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

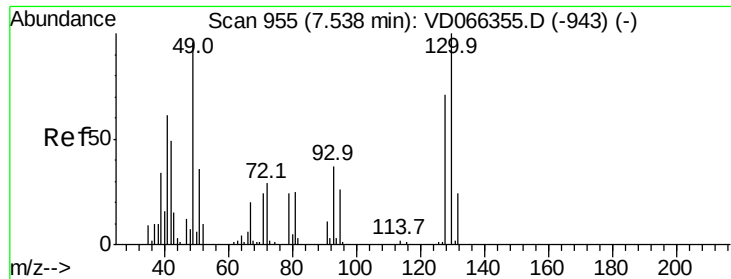
Tot Ion	83	Resp	42340
Ion	Ratio	Lower	Upper
83	100		
55	68.2	58.0	87.0
98	54.3	41.9	62.9



#40
Benzene
Concen: 19.157 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

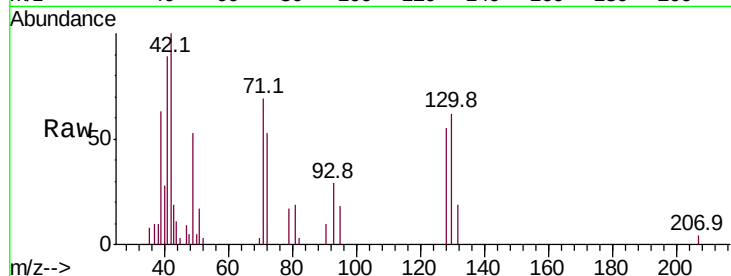
Tgt Ion	78	Resp	98438
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2



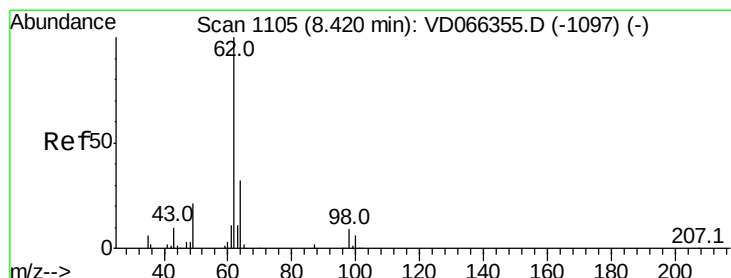
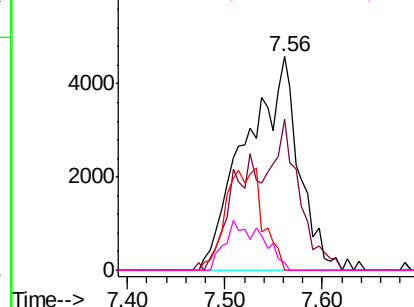
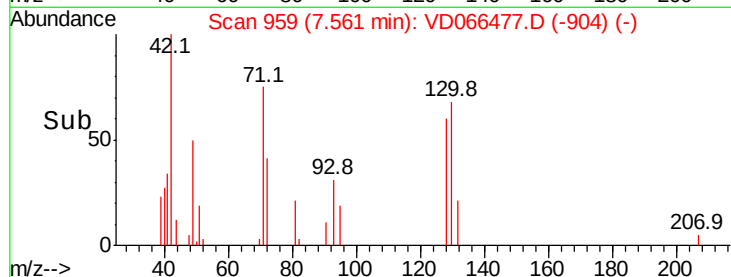


#41
Methacrylonitrile
Concen: 42.261 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tot Ion:	41	Resp:	17314
Ion	Ratio	Lower	Upper
41	100		
39	38.3	51.8	77.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

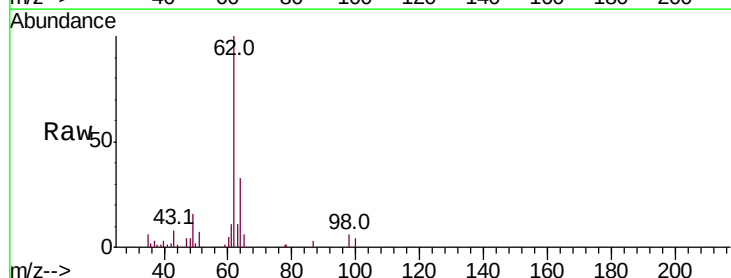


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

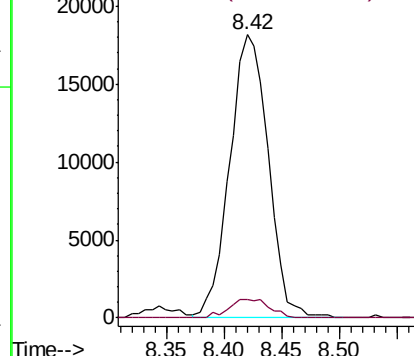
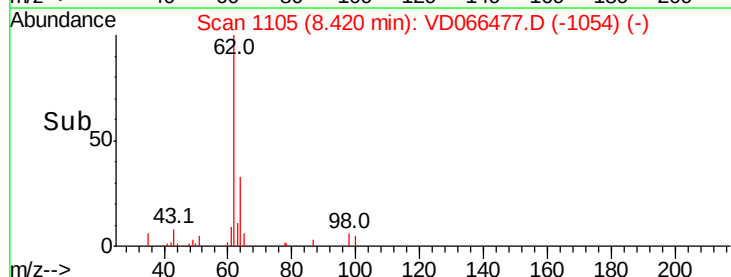


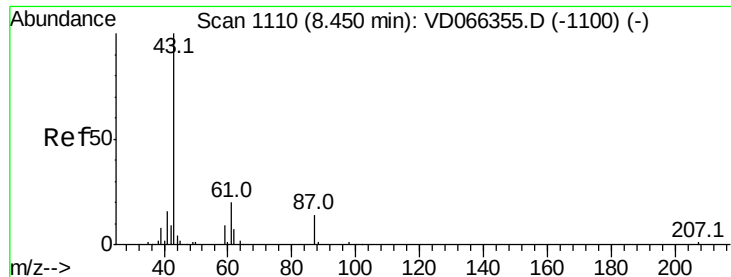
#42
1,2-Dichloroethane
Concen: 23.265 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tgt Ion:	62	Resp:	42105
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.692 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

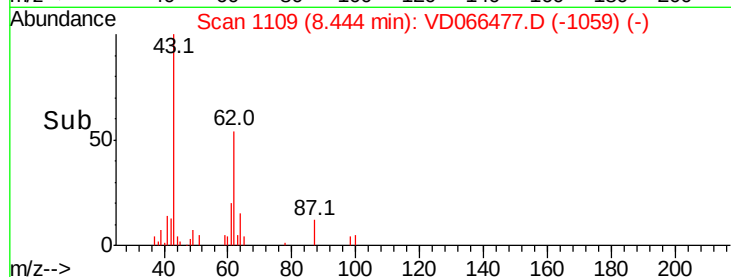
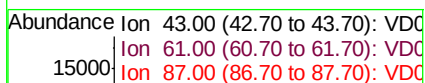
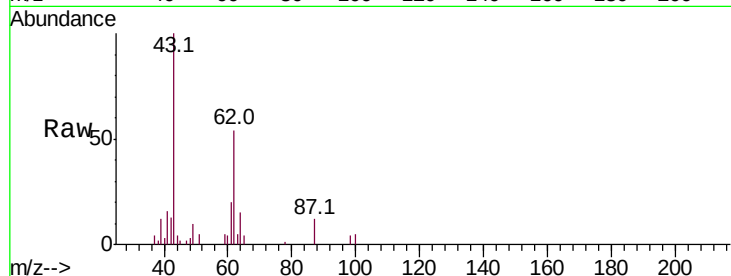
Tot Ion: 43 Resp: 24924

Ion Ratio Lower Upper

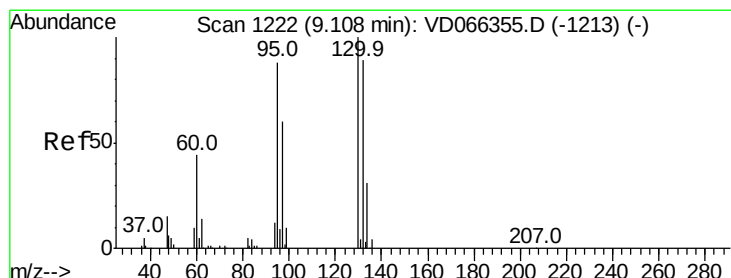
43 100

61 34.6 26.5 39.7

87 15.6 11.9 17.9



Time-->



#44

Trichloroethene

Concen: 19.593 ug/l

RT: 9.10 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VD066477.D

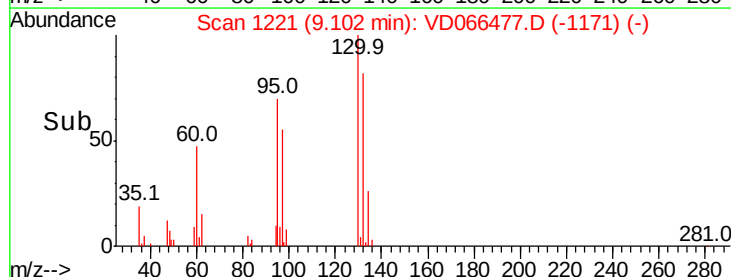
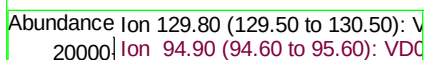
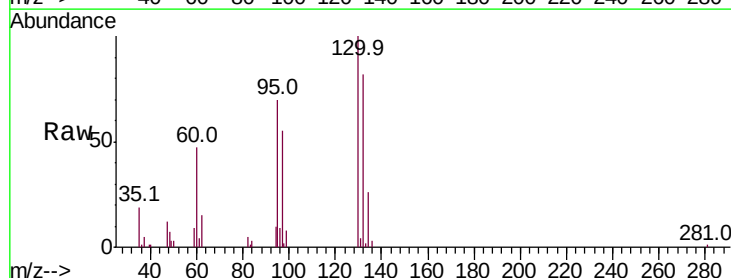
Acq: 31 Aug 2020 12:14

Tgt Ion: 130 Resp: 32715

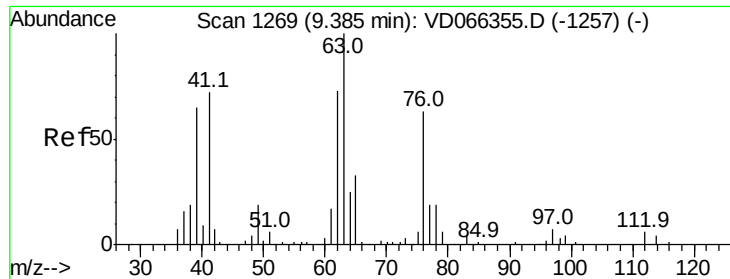
Ion Ratio Lower Upper

130 100

95 70.0 0.0 175.6



Time-->



#45

1,2-Dichloropropane

Concen: 16.403 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066477.D

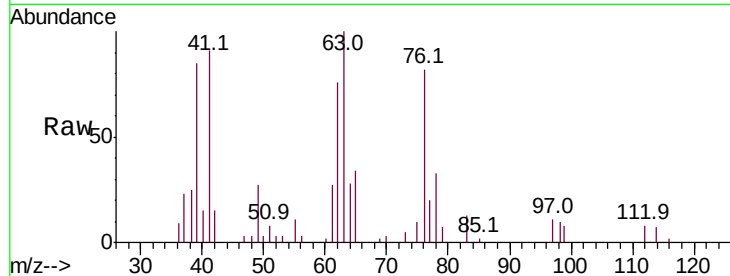
Acq: 31 Aug 2020 12:14

Tot Ion: 63 Resp: 19108

Ion Ratio Lower Upper

63 100

65 34.4 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

10000

8000

6000

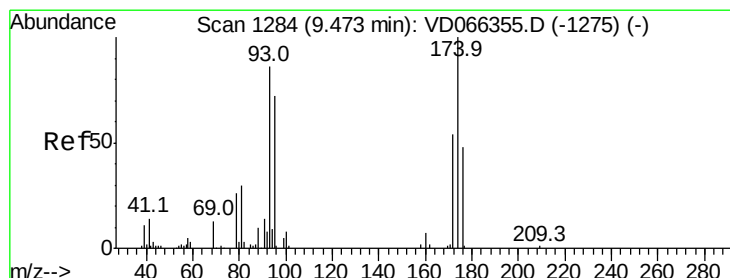
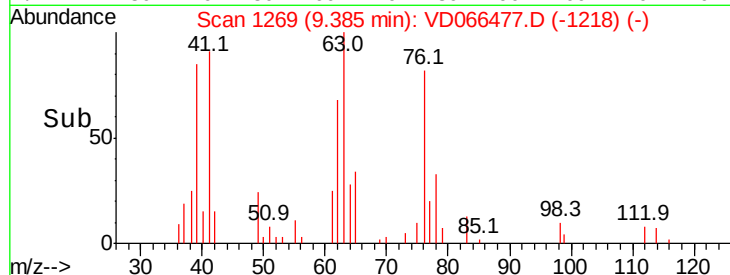
4000

2000

0

Time-->

9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 18.968 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

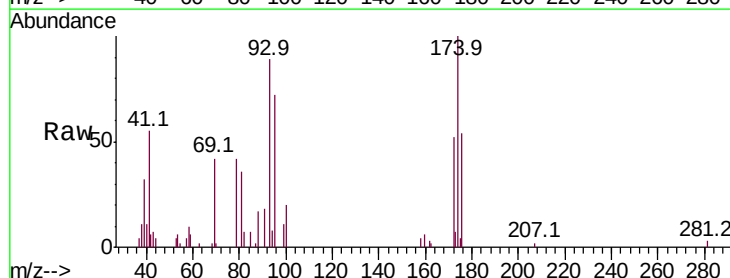
Tgt Ion: 93 Resp: 13758

Ion Ratio Lower Upper

93 100

95 85.4 66.0 99.0

174 123.3 94.6 141.8



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

12000

10000

8000

6000

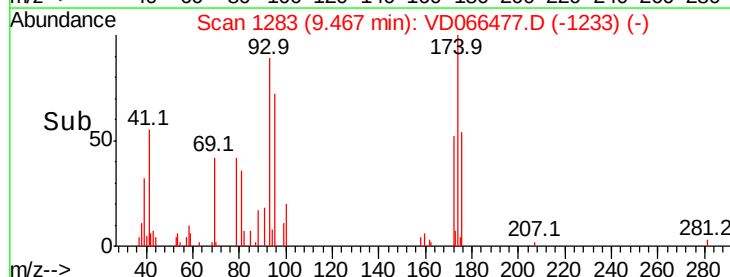
4000

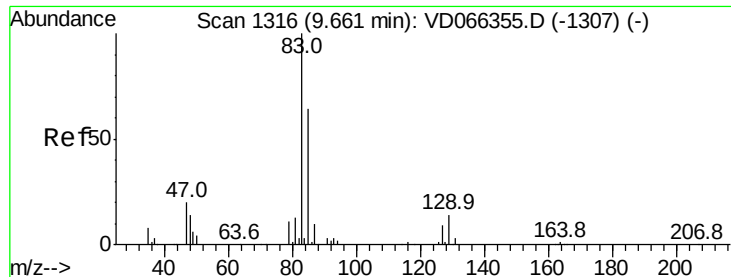
2000

0

Time-->

9.40 9.45 9.50





#47

Bromodichloromethane

Concen: 21.723 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

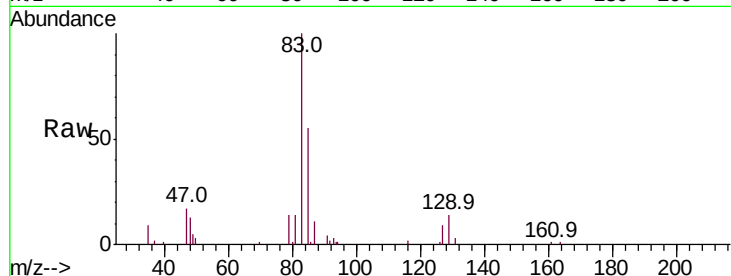
Tot Ion: 83 Resp: 43330

Ion Ratio Lower Upper

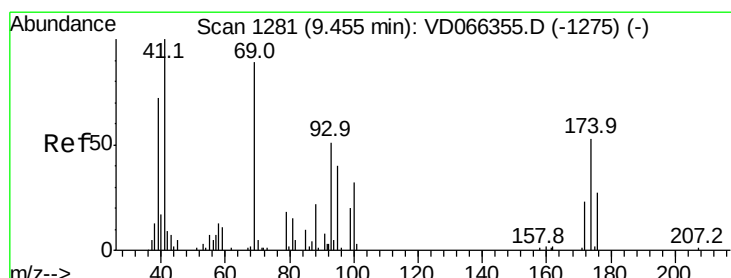
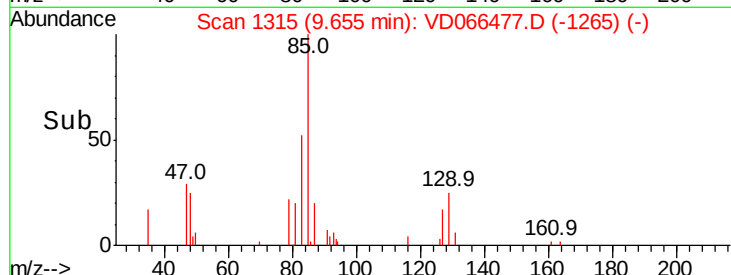
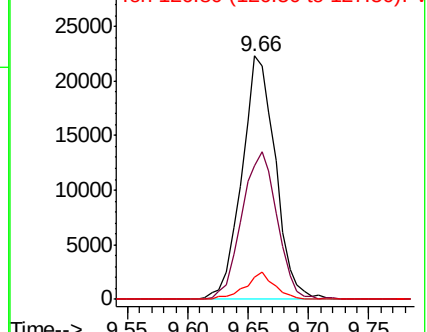
83 100

85 54.9 51.4 77.0

127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 17.120 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

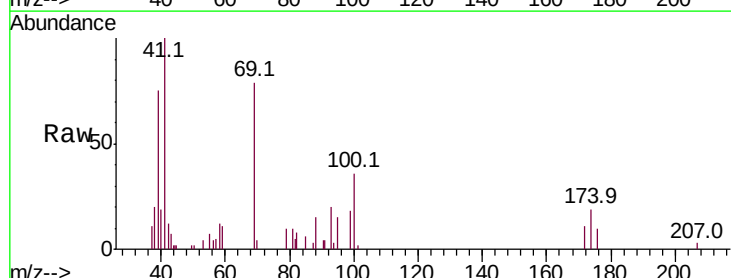
Tgt Ion: 41 Resp: 11772

Ion Ratio Lower Upper

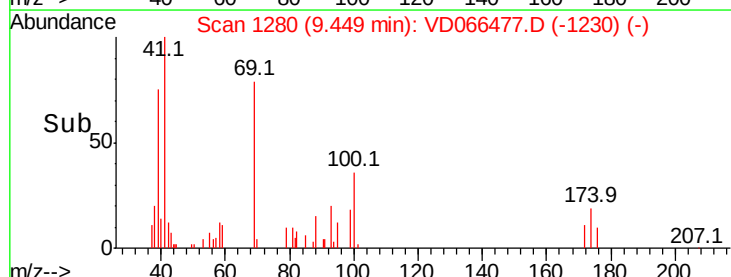
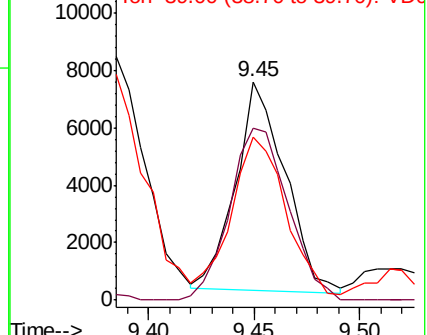
41 100

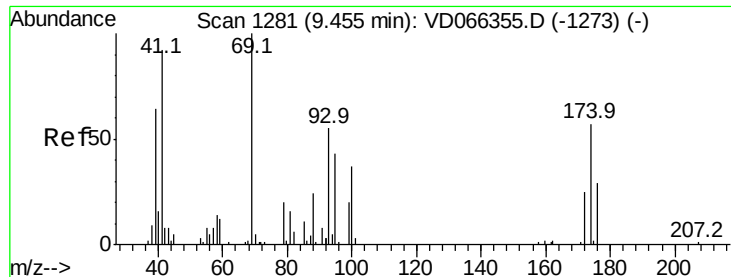
69 97.8 75.5 113.3

39 82.0 57.0 85.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 350.986 ug/l

RT: 9.46 min Scan# 1282

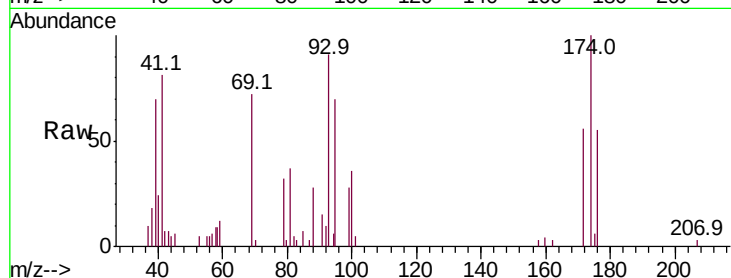
Delta R.T. 0.01 min

Lab File: VD066477.D

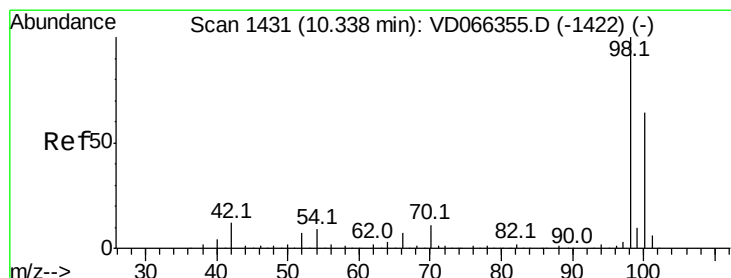
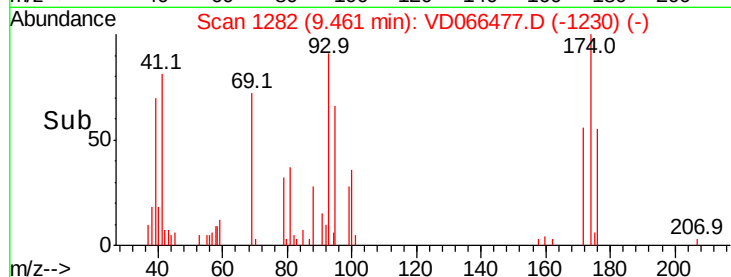
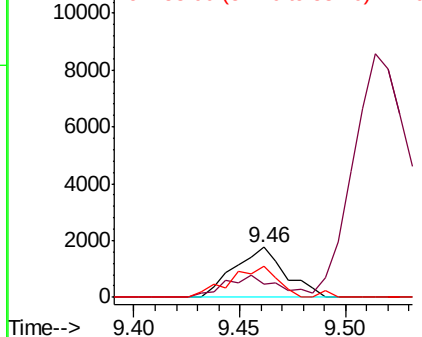
Acq: 31 Aug 2020 12:14

Tot Ion: 88 Resp: 2956

Ion	Ratio	Lower	Upper
88	100		
43	46.9	29.4	44.0#
58	57.5	45.4	68.2



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.873 ug/l

RT: 10.34 min Scan# 1431

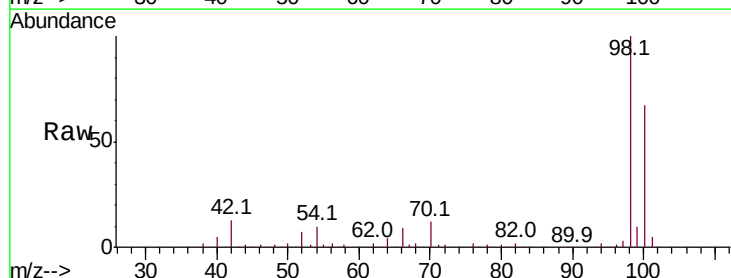
Delta R.T. -0.00 min

Lab File: VD066477.D

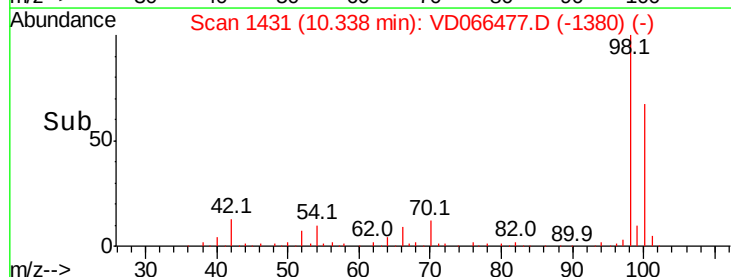
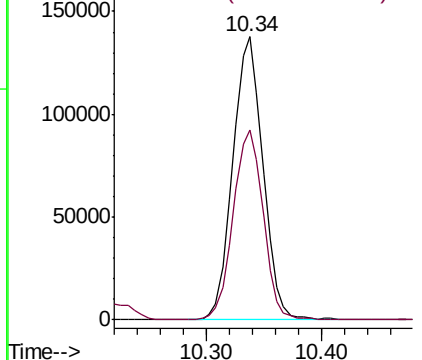
Acq: 31 Aug 2020 12:14

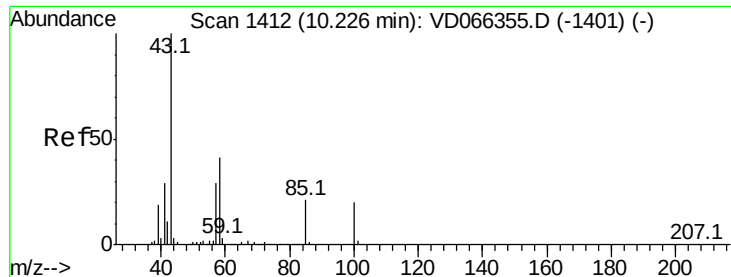
Tgt Ion: 98 Resp: 249171

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 88.056 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066477.D

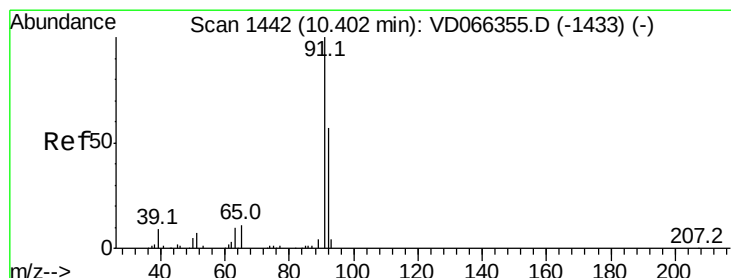
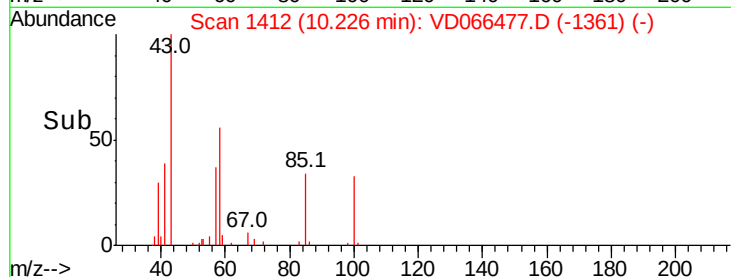
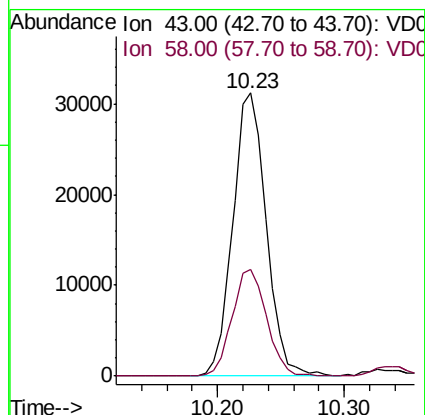
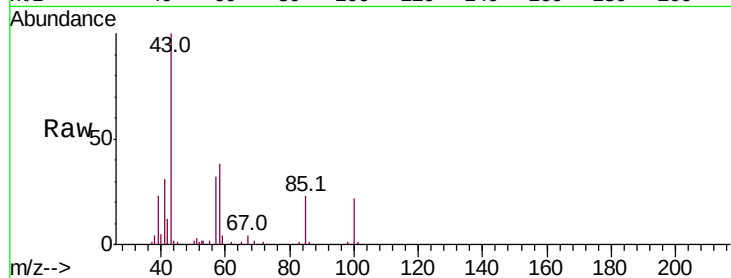
Acq: 31 Aug 2020 12:14

Tot Ion: 43 Resp: 56802

Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2



#52

Toluene

Concen: 19.794 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066477.D

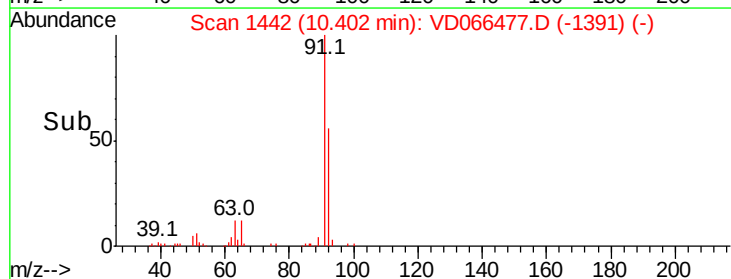
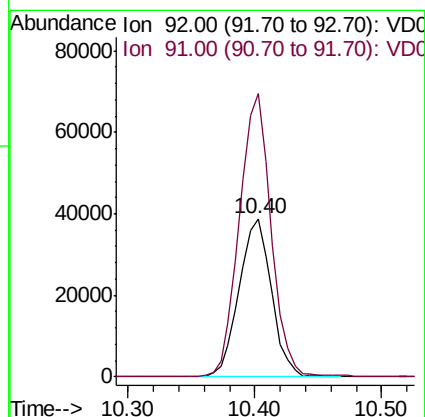
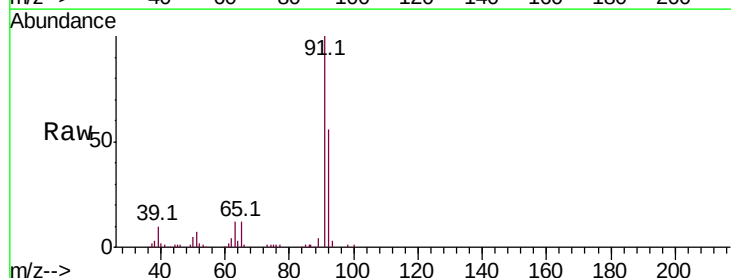
Acq: 31 Aug 2020 12:14

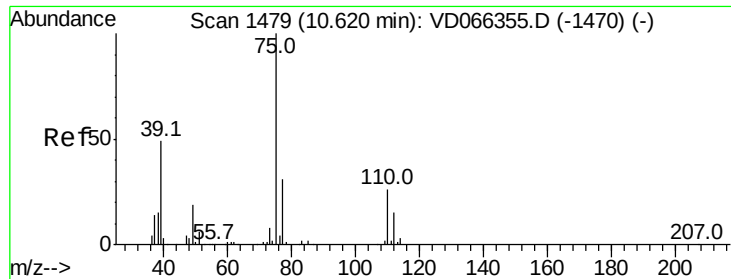
Tgt Ion: 92 Resp: 68908

Ion Ratio Lower Upper

92 100

91 175.7 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 21.334 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066477.D

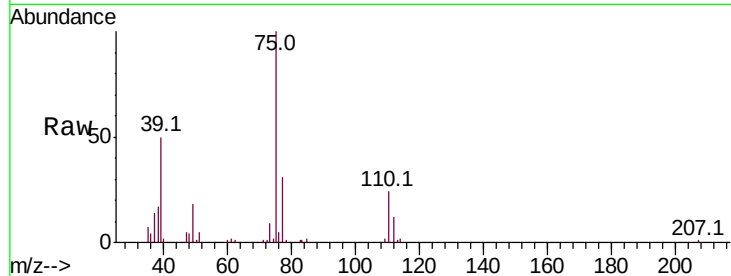
Acq: 31 Aug 2020 12:14

Tot Ion: 75 Resp: 40379

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

25000

20000

15000

10000

5000

0

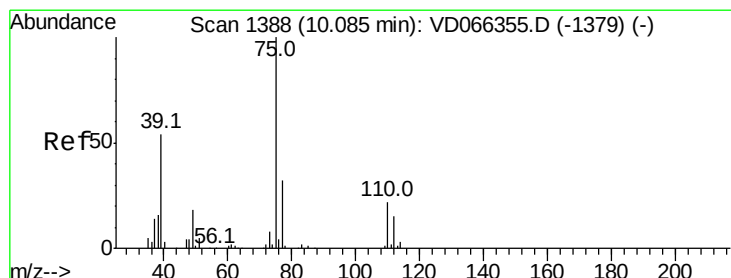
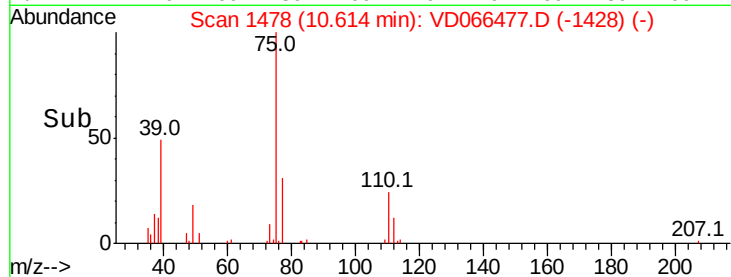
10.55

10.60

10.65

10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.235 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

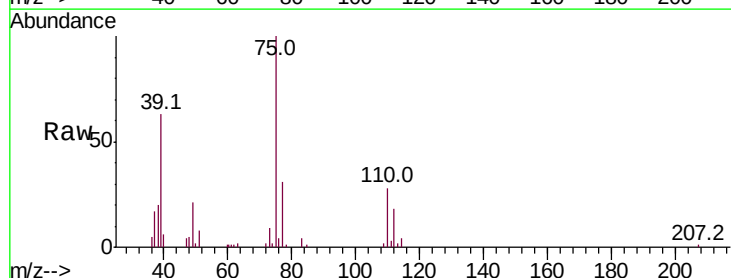
Tgt Ion: 75 Resp: 40863

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 62.6 43.4 65.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

30000

25000

20000

15000

10000

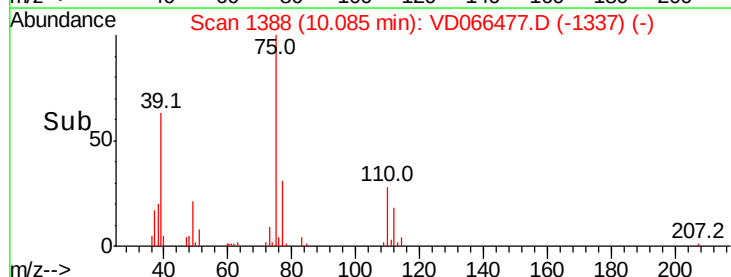
5000

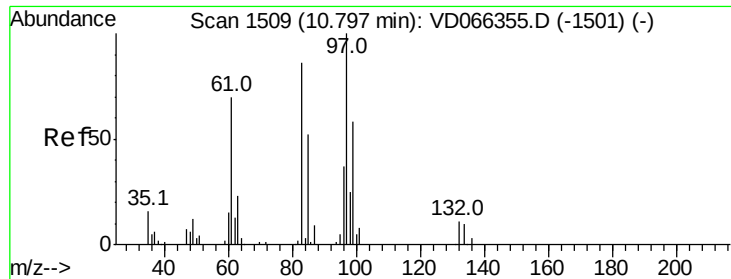
0

10.00

10.10

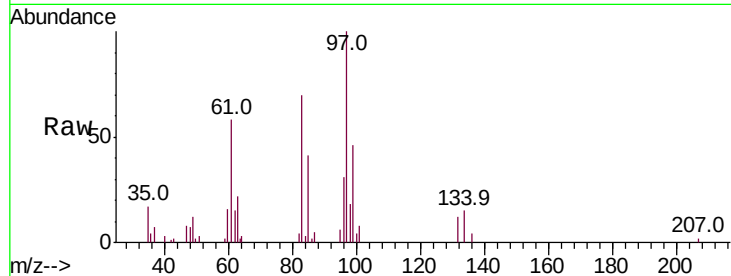
Time-->



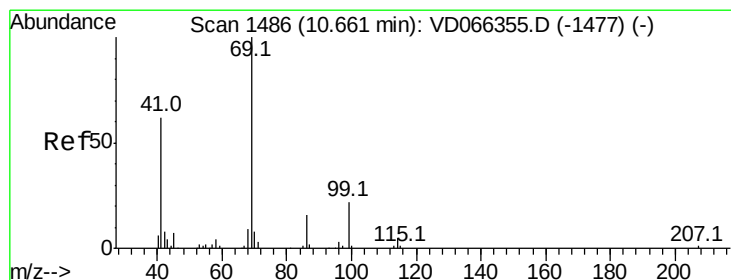
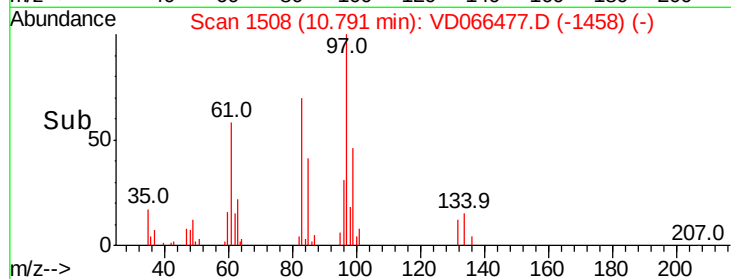
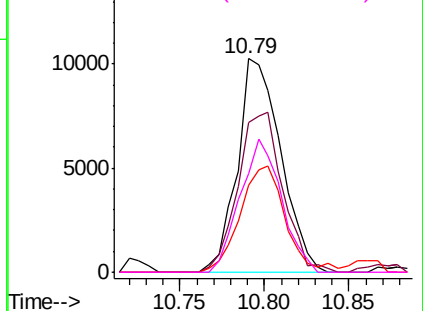


#55
 1,1,2-Trichloroethane
 Concen: 18.637 ug/l
 RT: 10.79 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tot Ion:	97	Resp:	18300
Ion	Ratio	Lower	Upper
97	100		
83	70.1	68.4	102.6
85	40.7	41.3	61.9#
99	46.3	46.1	69.1

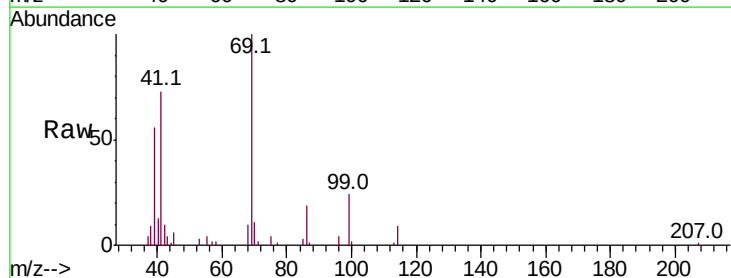


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

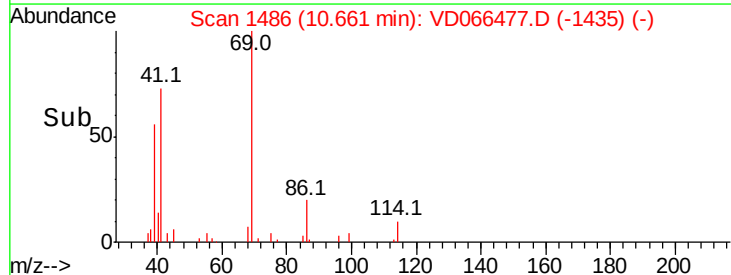
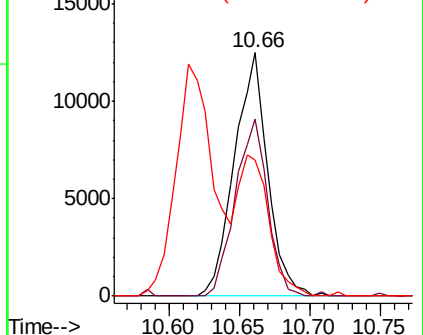


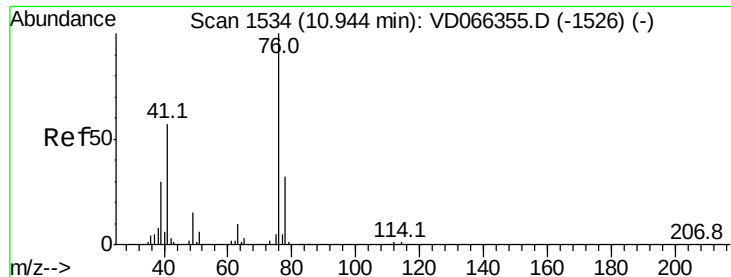
#56
 Ethyl methacrylate
 Concen: 18.164 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tgt Ion:	69	Resp:	20647
Ion	Ratio	Lower	Upper
69	100		
41	70.0	50.8	76.2
39	53.4	32.9	49.3#



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 19.260 ug/l

RT: 10.94 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VD066477.D

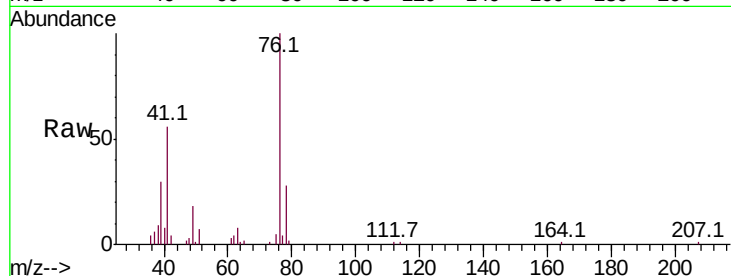
Acq: 31 Aug 2020 12:14

Tot Ion: 76 Resp: 31282

Ion Ratio Lower Upper

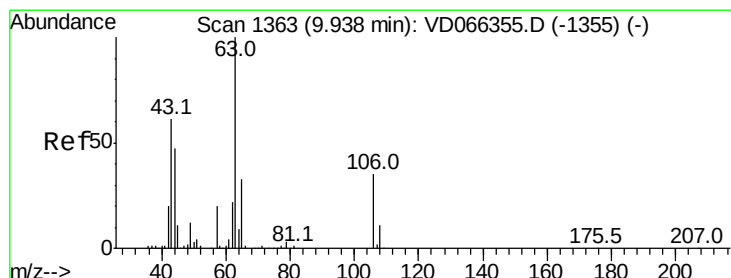
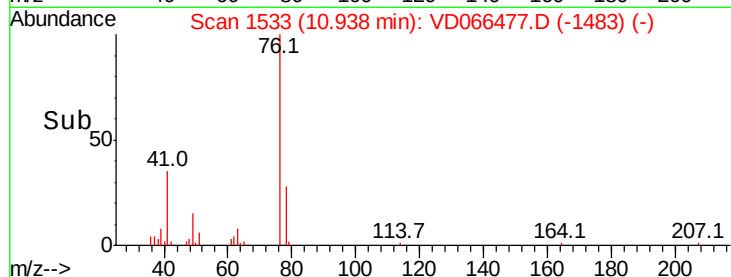
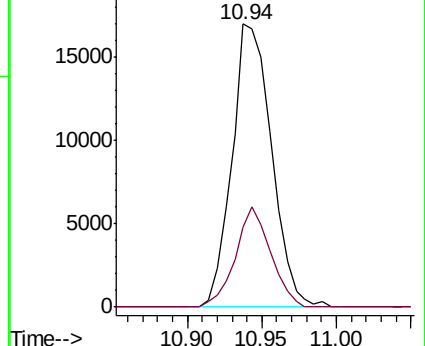
76 100

78 31.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 94.586 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066477.D

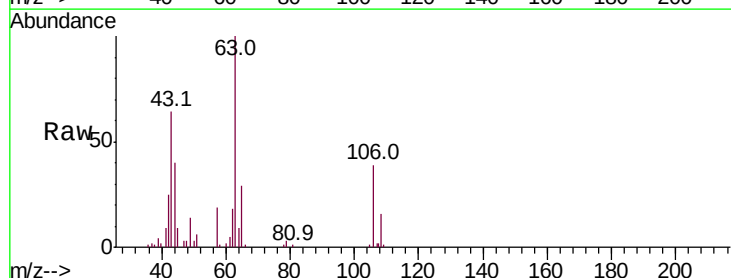
Acq: 31 Aug 2020 12:14

Tgt Ion: 63 Resp: 44653

Ion Ratio Lower Upper

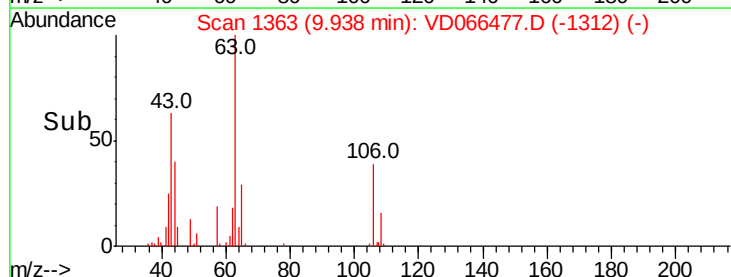
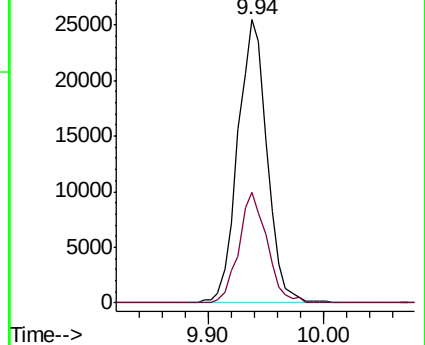
63 100

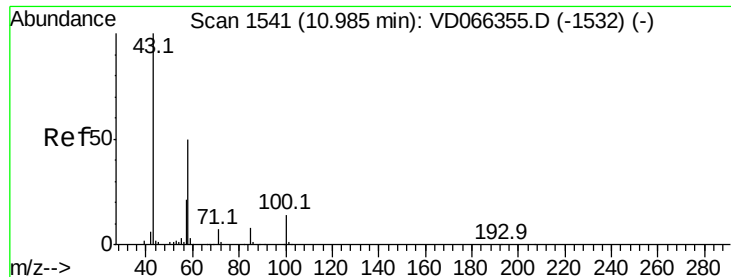
106 37.8 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

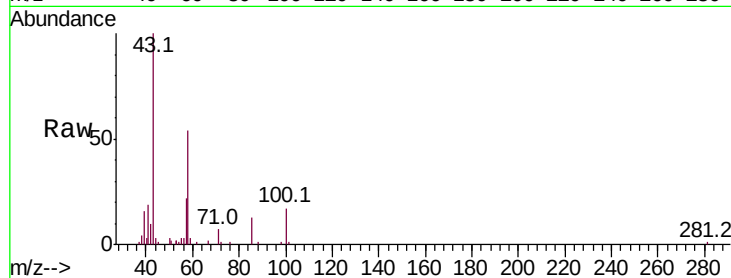
Ion 105.90 (105.60 to 106.60): V



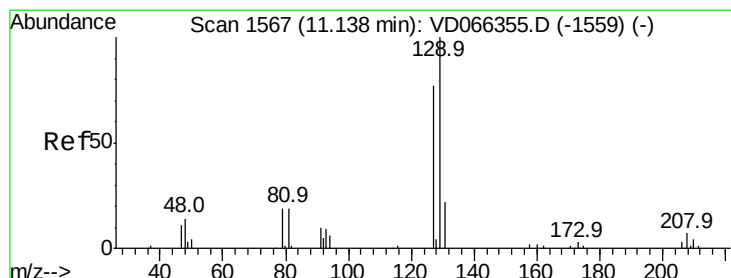
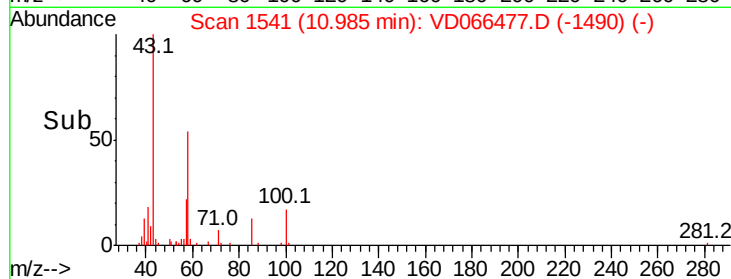
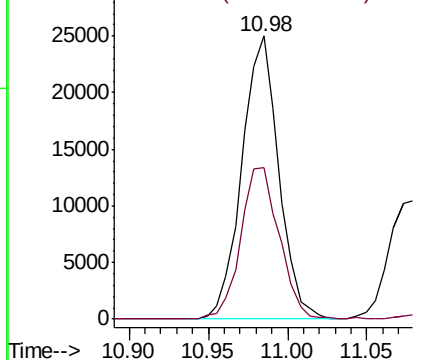


#59
2-Hexanone
Concen: 88.526 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tot Ion: 43 Resp: 40280
Ion Ratio Lower Upper
43 100
58 56.3 26.3 78.8

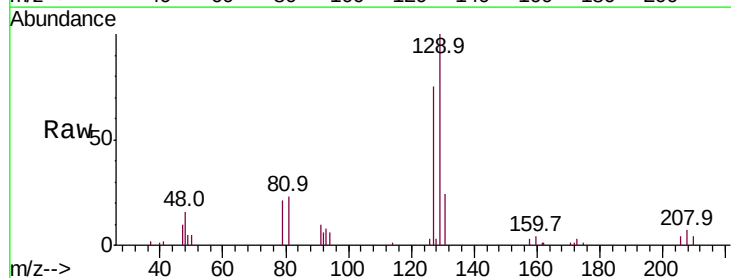


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

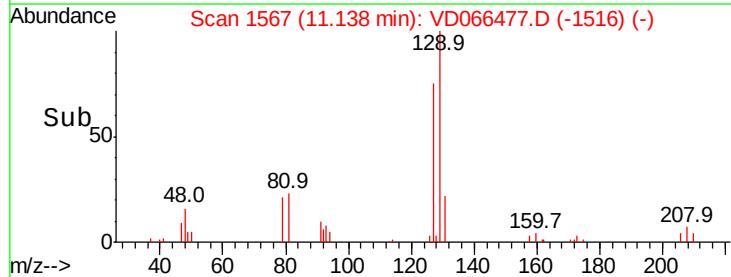
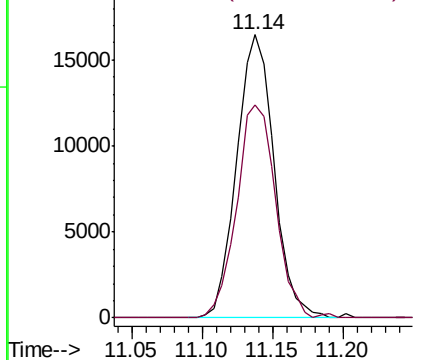


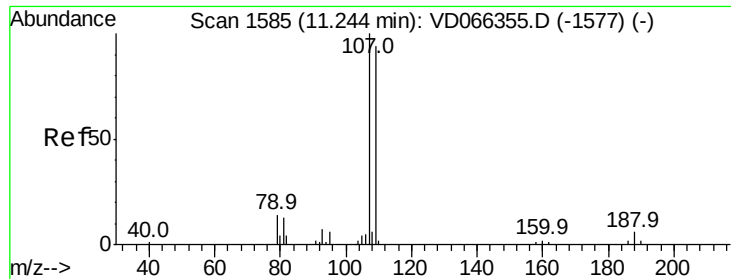
#60
Dibromochloromethane
Concen: 20.542 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tgt Ion: 129 Resp: 30403
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.227 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD066477.D

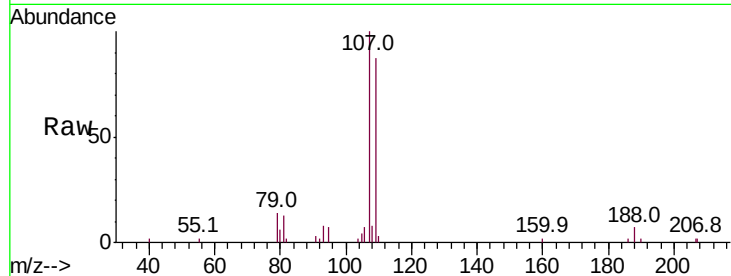
Acq: 31 Aug 2020 12:14

Tot Ion:107 Resp: 18579

Ion Ratio Lower Upper

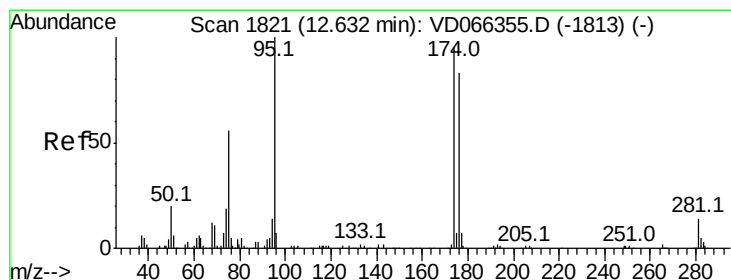
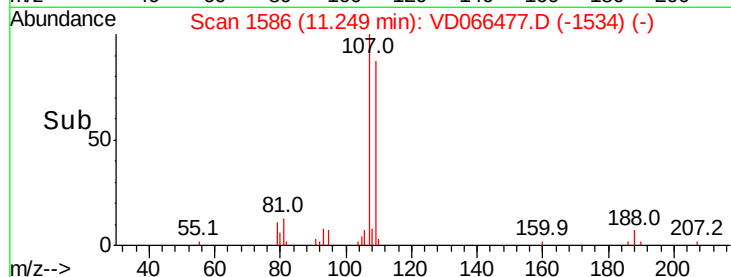
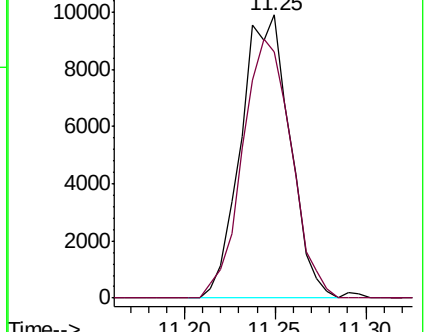
107 100

109 91.8 77.8 116.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.793 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

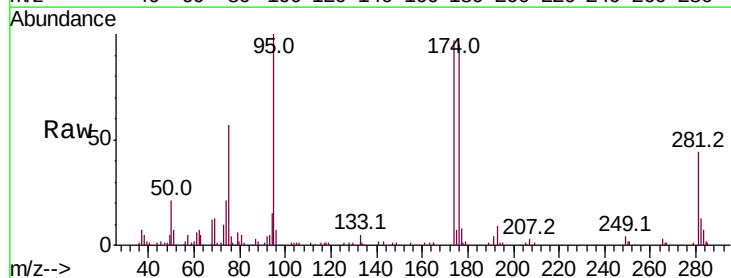
Tgt Ion: 95 Resp: 91752

Ion Ratio Lower Upper

95 100

174 95.3 0.0 183.4

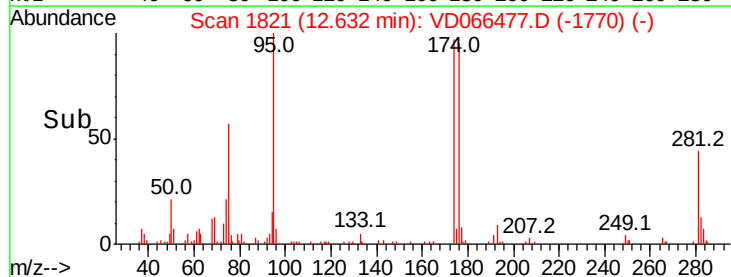
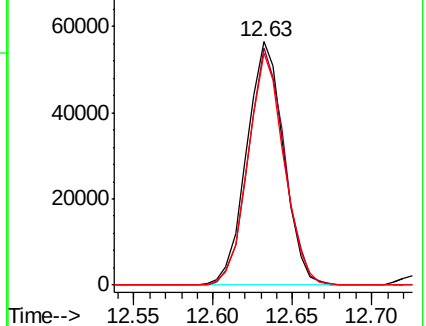
176 93.0 0.0 173.8

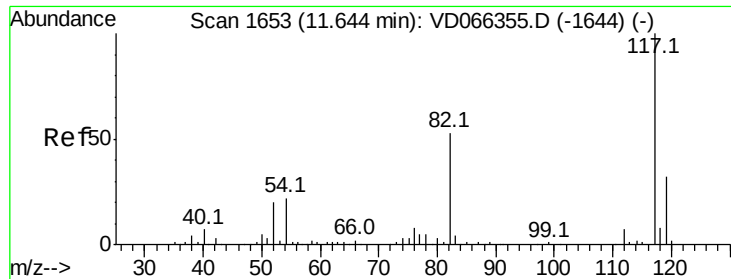


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

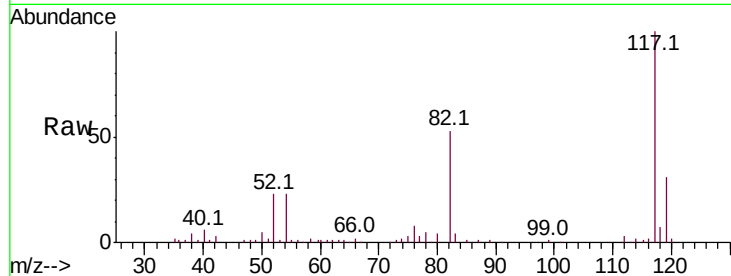
Tot Ion:117 Resp: 195104

Ion Ratio Lower Upper

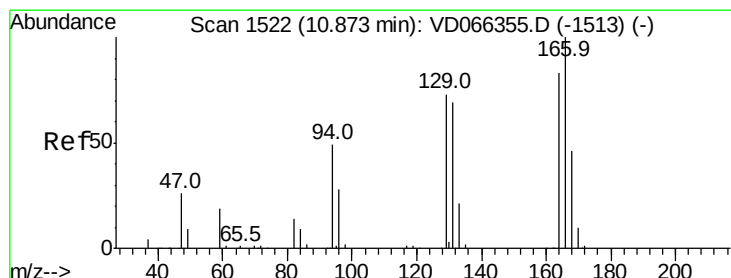
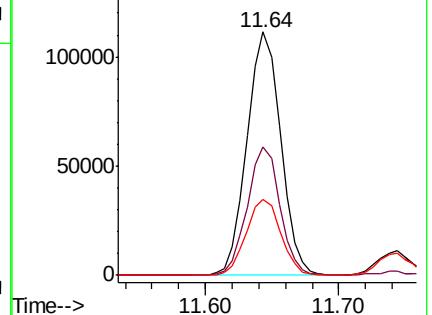
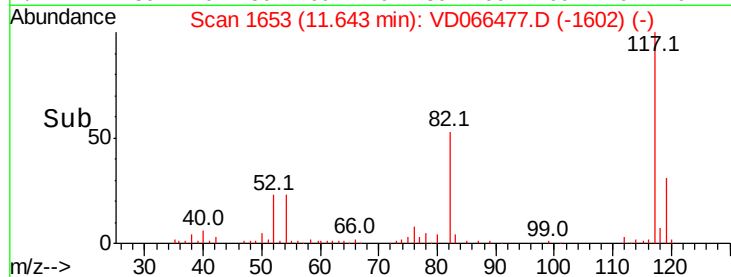
117 100

82 52.7 42.8 64.2

119 31.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.951 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tgt Ion:164 Resp: 31008

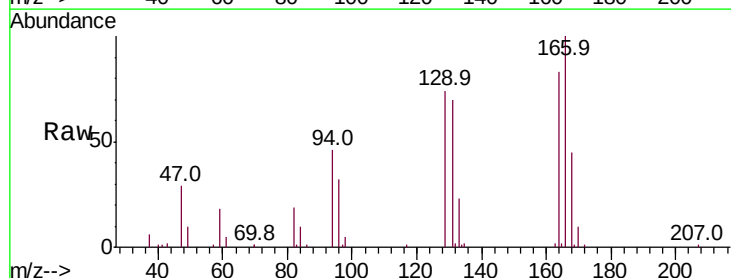
Ion Ratio Lower Upper

164 100

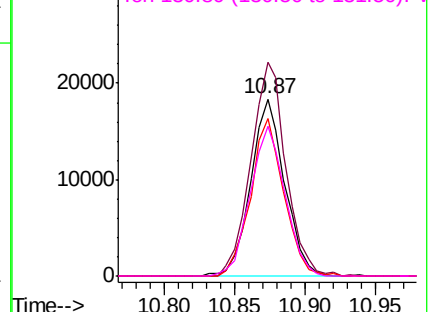
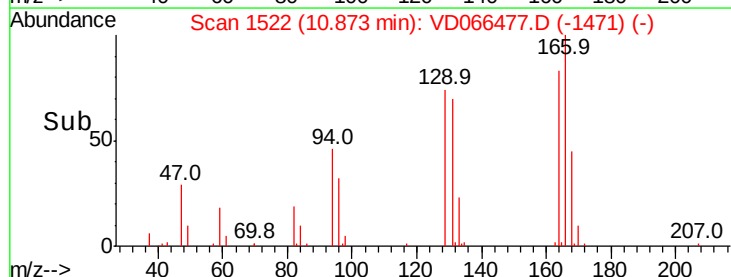
166 120.8 96.2 144.4

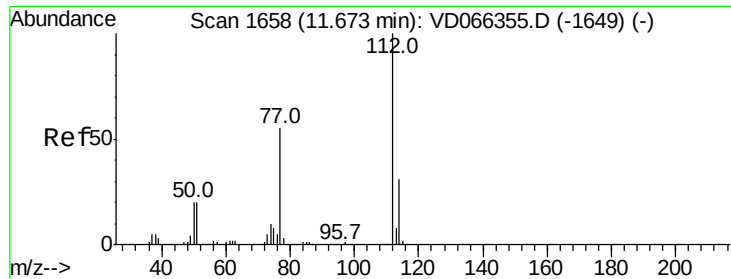
129 89.0 70.3 105.5

131 84.4 66.4 99.6



Abundance Ion 163.80 (163.50 to 164.50): V
30000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.239 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066477.D

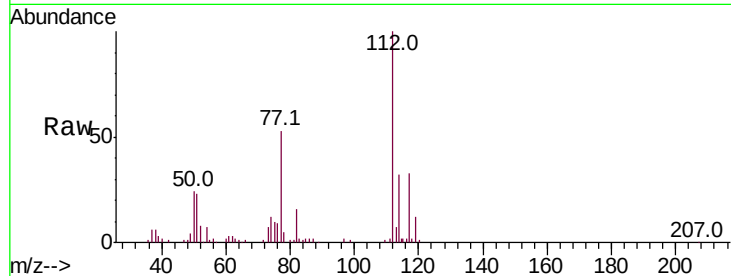
Acq: 31 Aug 2020 12:14

Tot Ion:112 Resp: 78559

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

50000

40000

30000

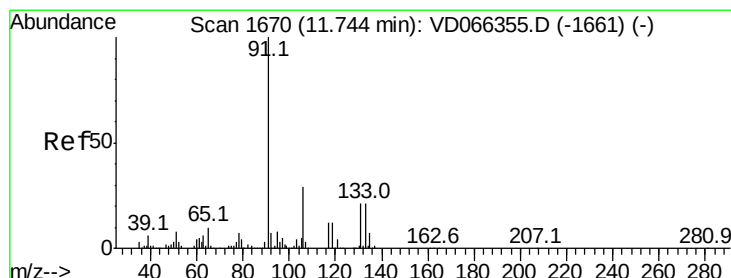
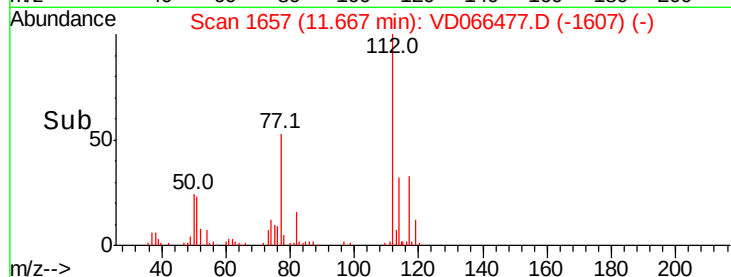
20000

10000

0

Time-->

11.60 11.65 11.70 11.75



#66

1,1,1,2-Tetrachloroethane

Concen: 21.092 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

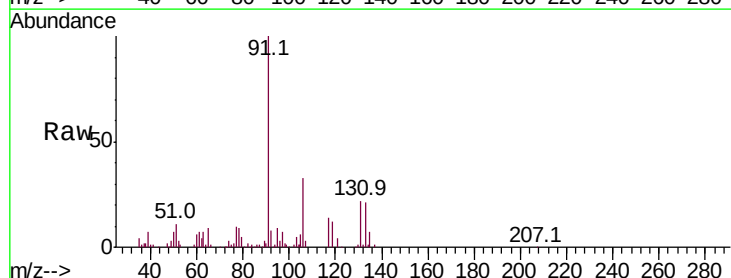
Tgt Ion:131 Resp: 33458

Ion Ratio Lower Upper

131 100

133 94.1 48.6 145.9

119 52.5 29.0 87.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

40000

30000

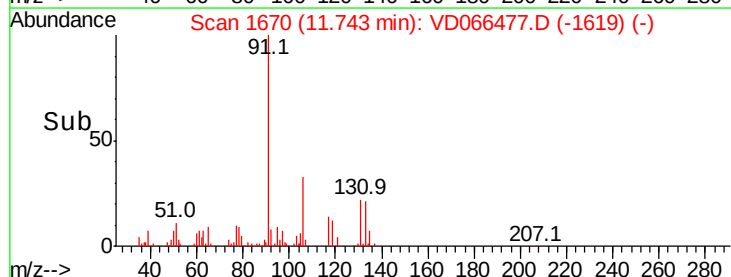
20000

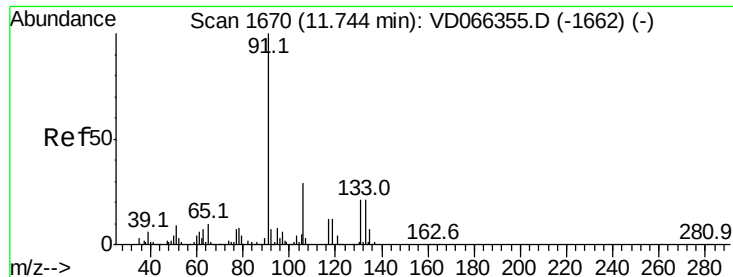
10000

0

Time-->

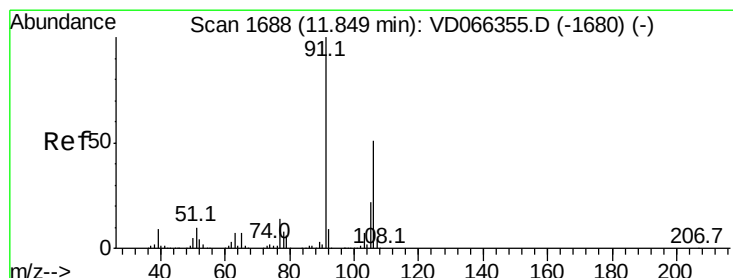
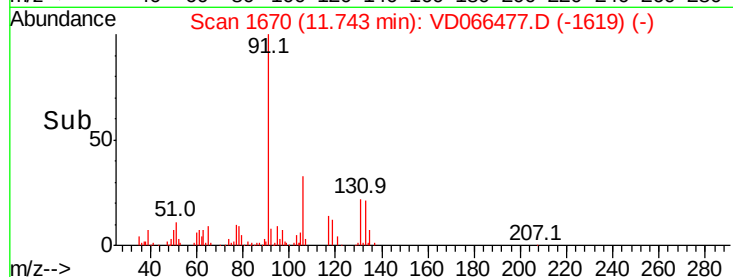
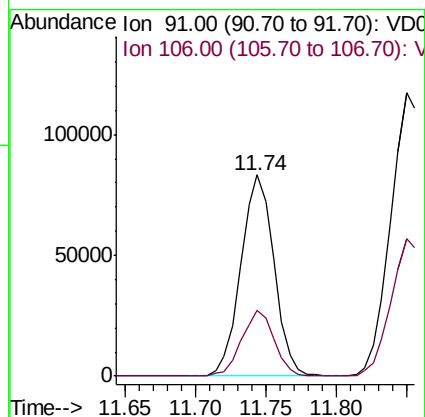
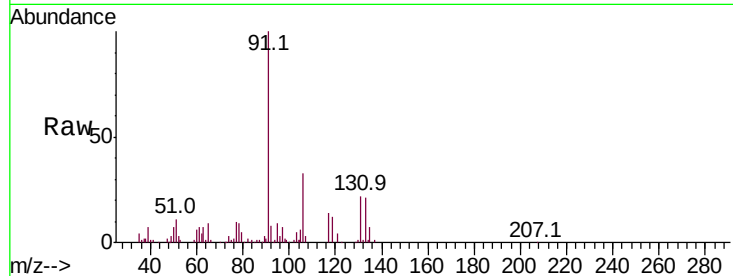
11.65 11.70 11.75 11.80





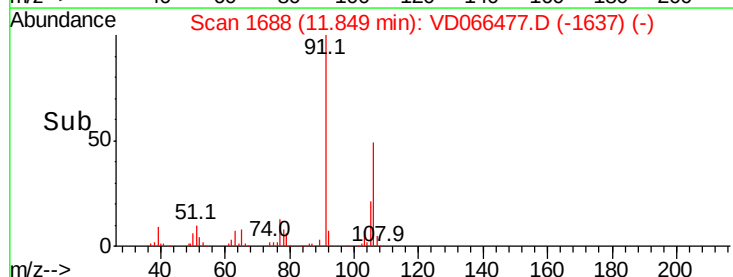
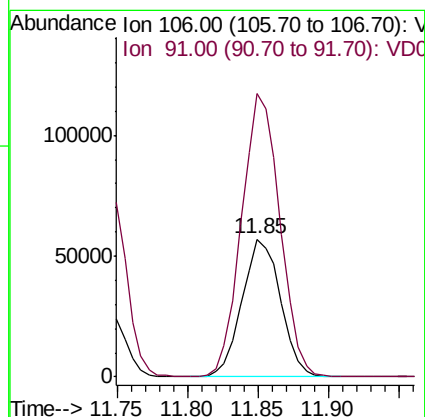
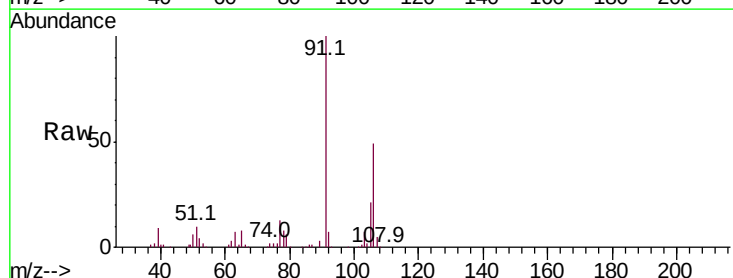
#67
Ethyl Benzene
Concen: 20.058 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

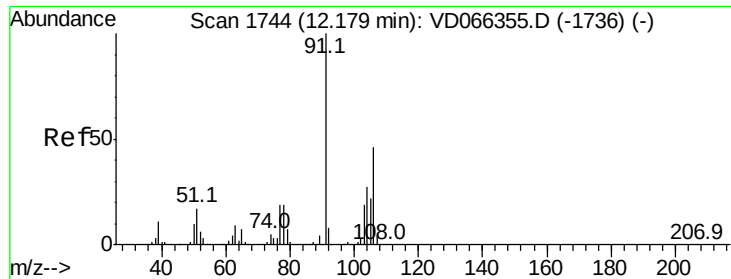
Tot Ion: 91 Resp: 137046
Ion Ratio Lower Upper
91 100
106 32.7 23.4 35.2



#68
m/p-Xylenes
Concen: 41.815 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

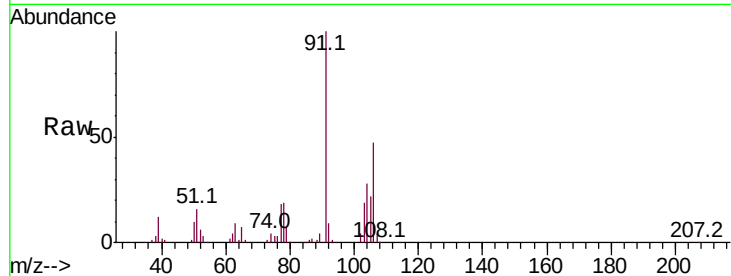
Tgt Ion:106 Resp: 108899
Ion Ratio Lower Upper
106 100
91 204.8 160.7 241.1



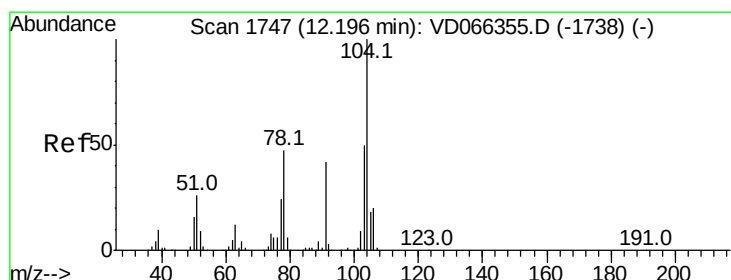
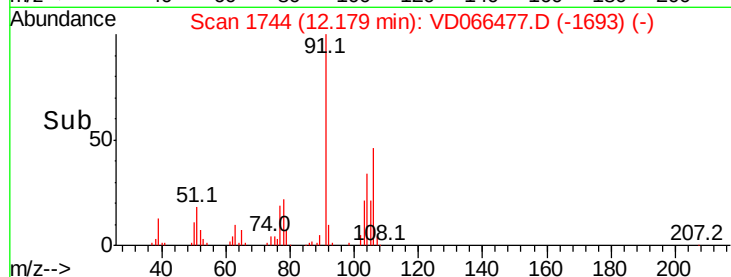
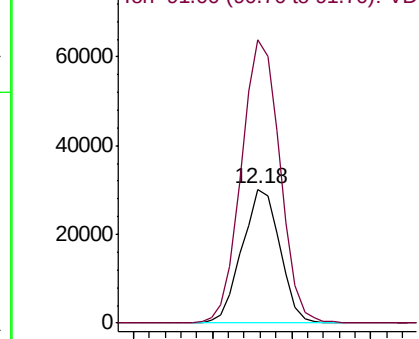


#69
o-Xylene
Concen: 20.712 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tot Ion:106 Resp: 50179
Ion Ratio Lower Upper
106 100
91 214.9 109.1 327.3

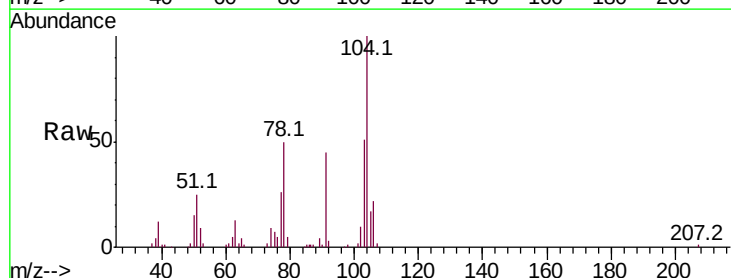


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

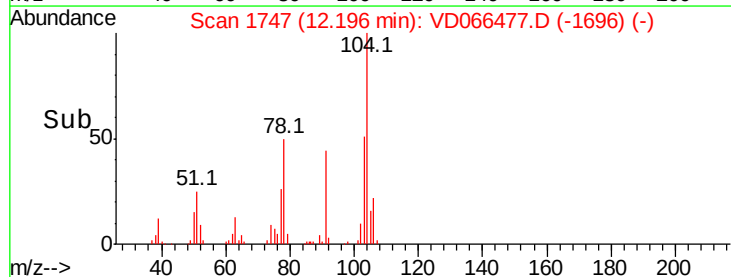
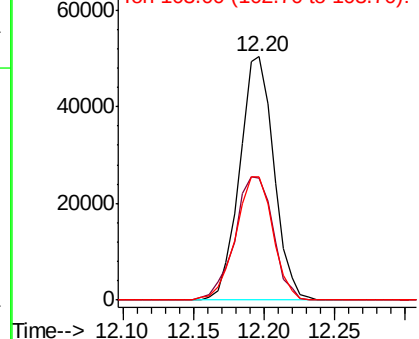


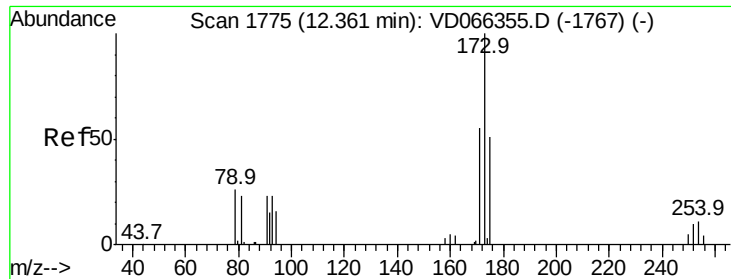
#70
Styrene
Concen: 20.540 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tgt Ion:104 Resp: 85447
Ion Ratio Lower Upper
104 100
78 56.3 41.7 62.5
103 54.9 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.958 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

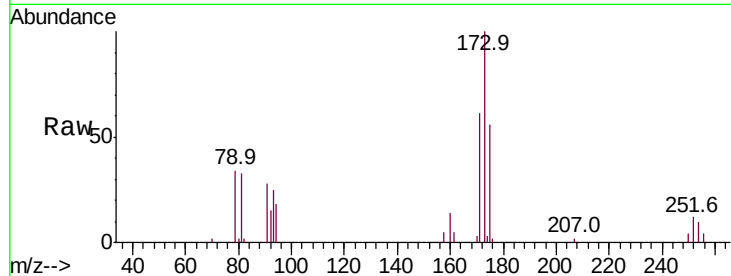
Tot Ion:173 Resp: 17962

Ion Ratio Lower Upper

173 100

175 51.0 24.8 74.3

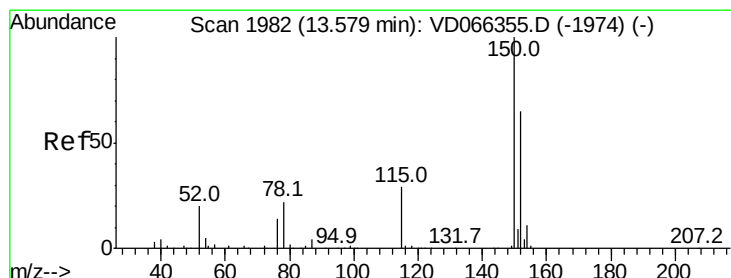
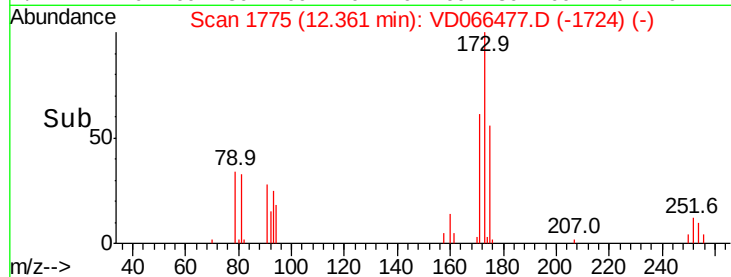
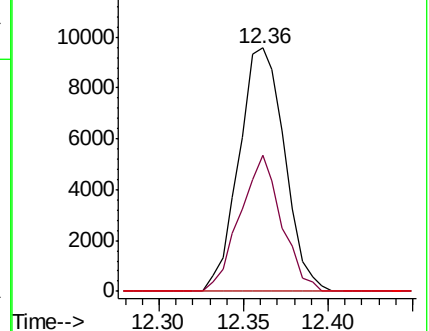
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

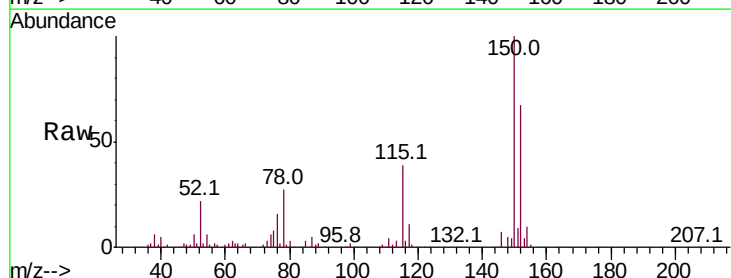
Tgt Ion:152 Resp: 107086

Ion Ratio Lower Upper

152 100

115 58.5 28.3 85.0

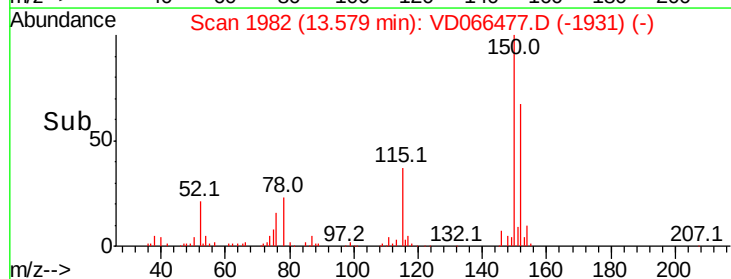
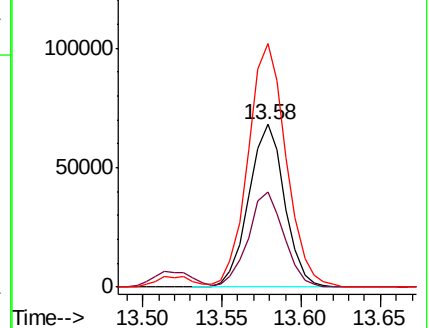
150 159.0 0.0 343.2

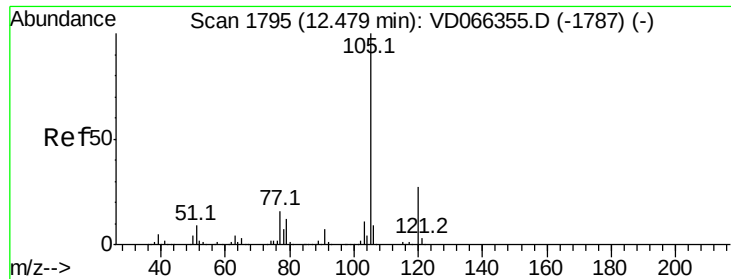


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.799 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066477.D

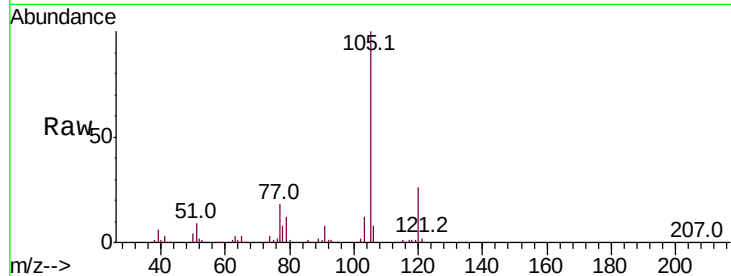
Acq: 31 Aug 2020 12:14

Tot Ion:105 Resp: 142034

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

100000

80000

60000

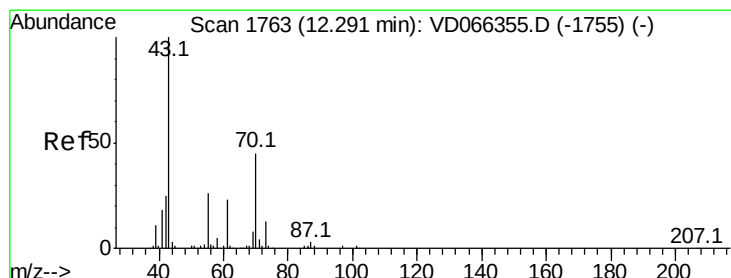
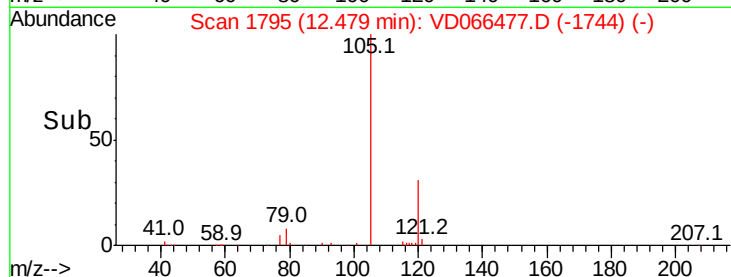
40000

20000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 17.121 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

Tgt Ion: 43 Resp: 22183

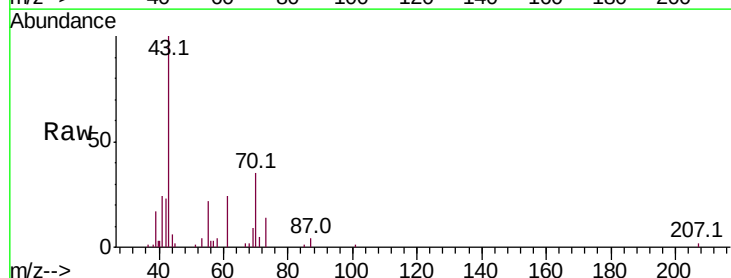
Ion Ratio Lower Upper

43 100

70 40.7 34.8 52.2

55 23.0 20.3 30.5

61 23.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

20000

15000

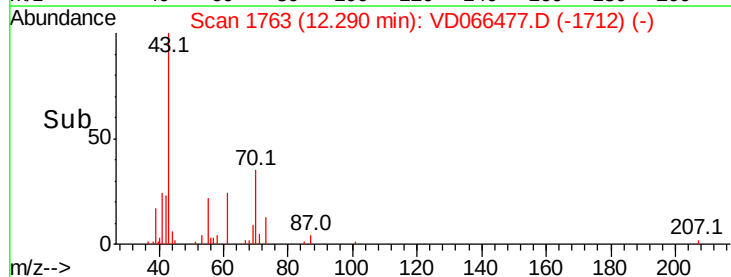
10000

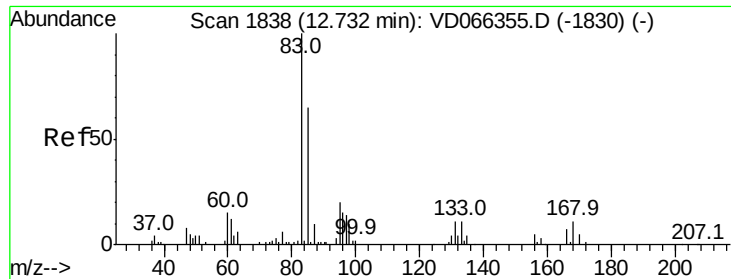
5000

0

12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.226 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

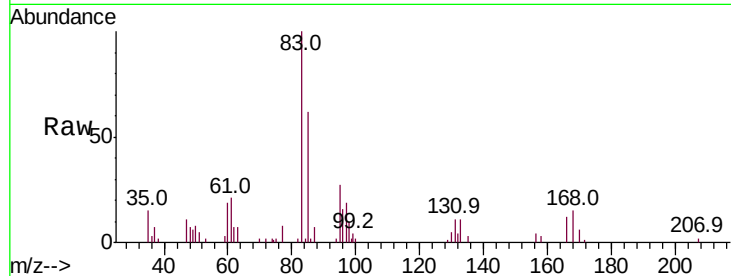
Tot Ion: 83 Resp: 17653

Ion Ratio Lower Upper

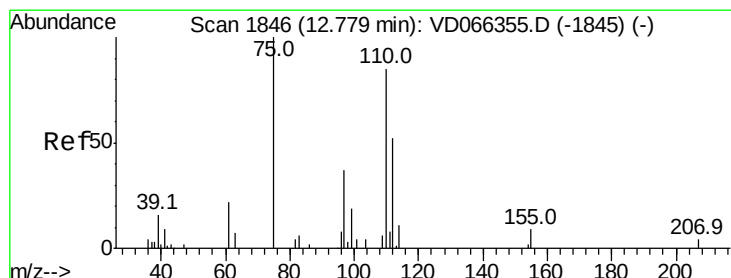
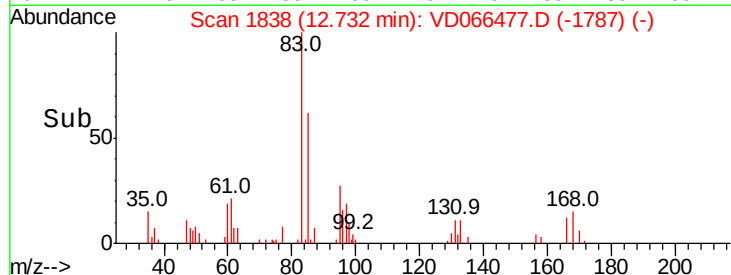
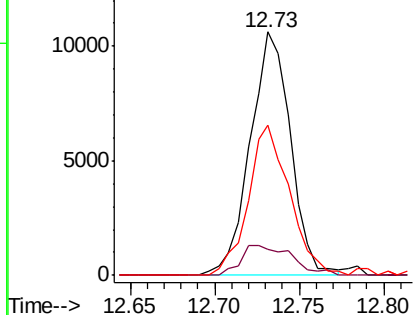
83 100

131 15.8 7.0 20.9

85 63.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.786 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066477.D

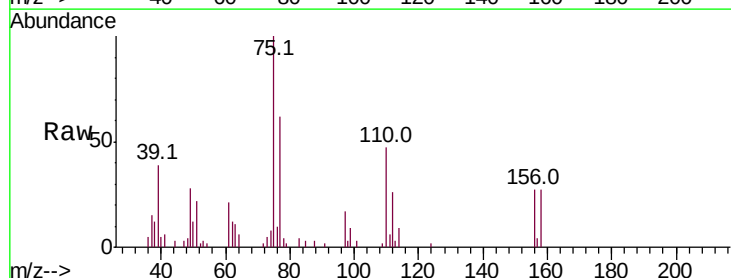
Acq: 31 Aug 2020 12:14

Tgt Ion: 75 Resp: 28466

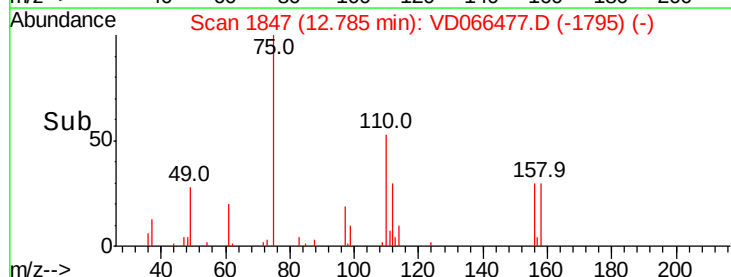
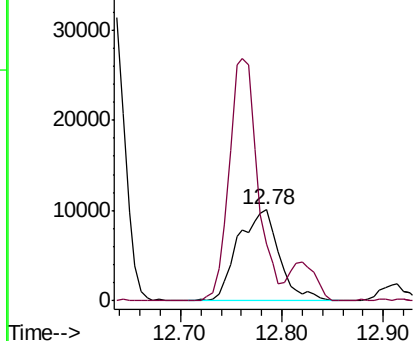
Ion Ratio Lower Upper

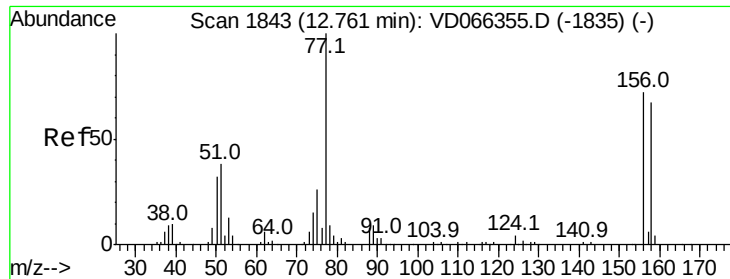
75 100

77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.964 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

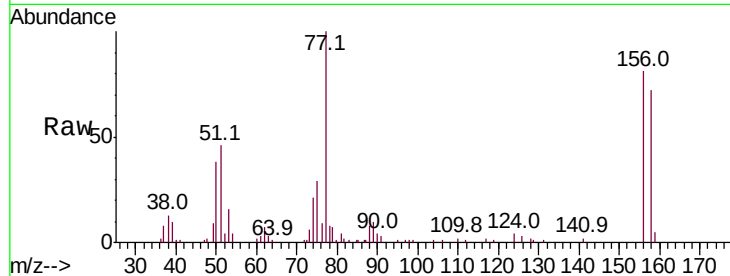
Tot Ion:156 Resp: 36350

Ion Ratio Lower Upper

156 100

77 143.5 76.1 228.3

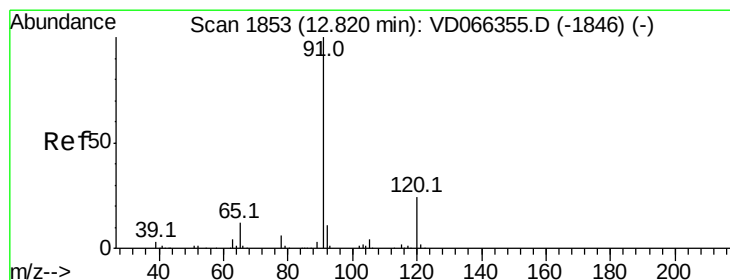
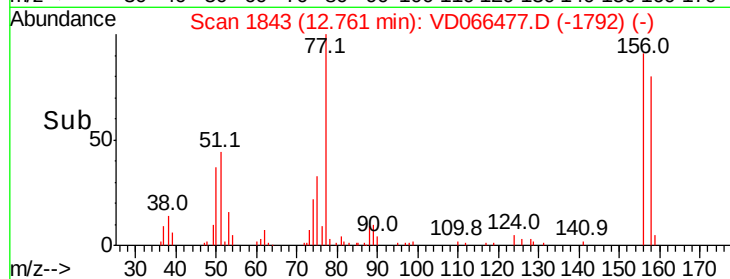
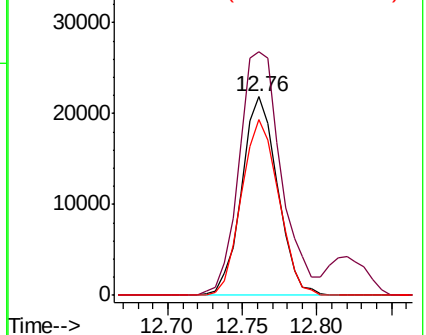
158 91.4 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.071 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066477.D

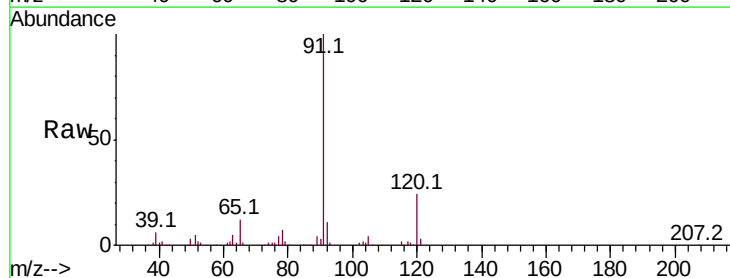
Acq: 31 Aug 2020 12:14

Tgt Ion: 91 Resp: 156865

Ion Ratio Lower Upper

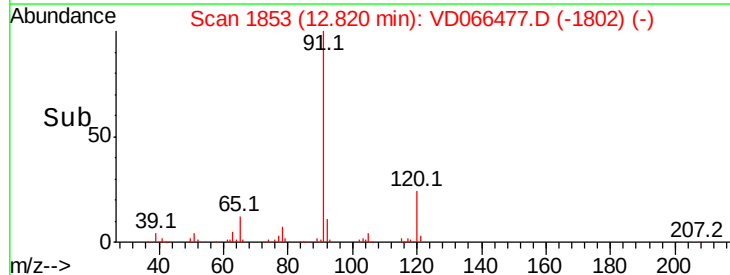
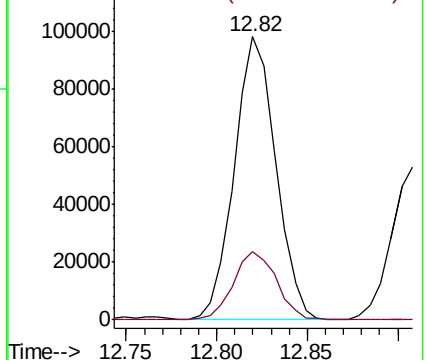
91 100

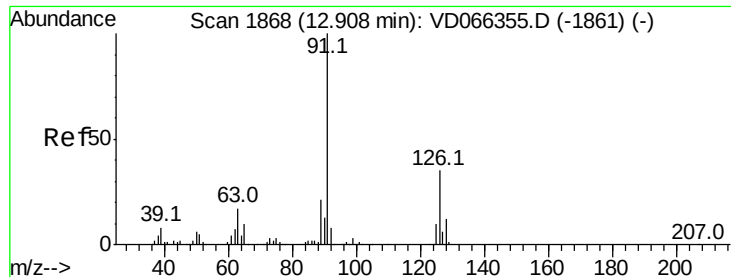
120 24.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.540 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066477.D

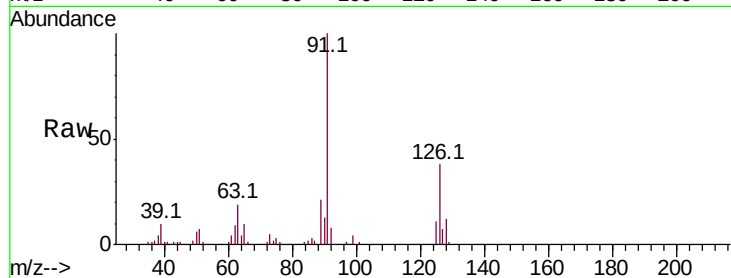
Acq: 31 Aug 2020 12:14

Tot Ion: 91 Resp: 87095

Ion Ratio Lower Upper

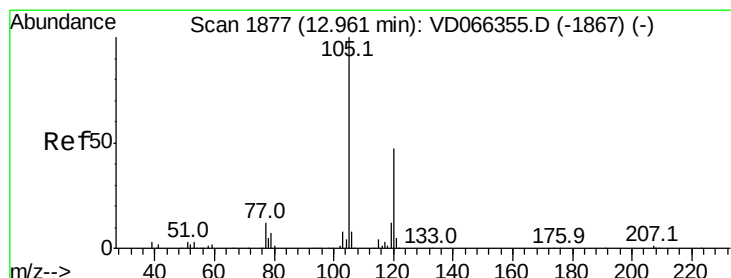
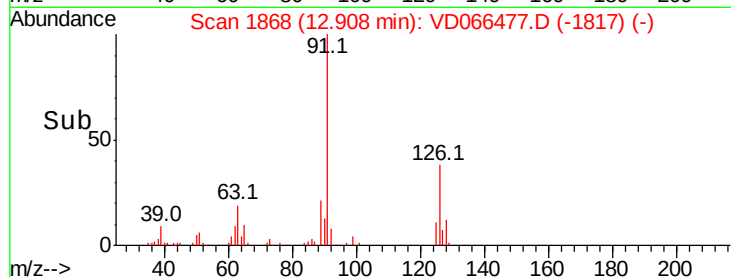
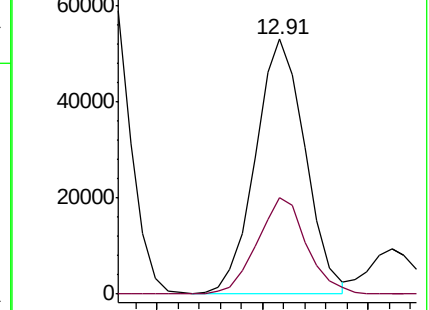
91 100

126 37.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066477.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066477.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.497 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066477.D

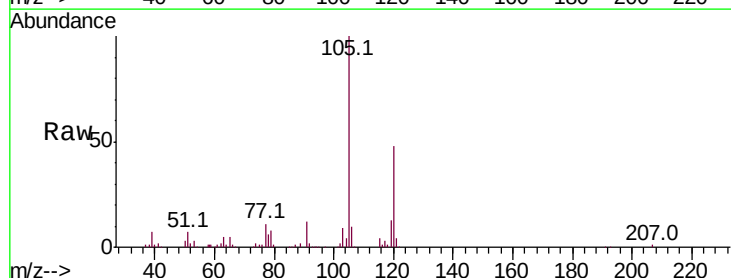
Acq: 31 Aug 2020 12:14

Tgt Ion:105 Resp: 126953

Ion Ratio Lower Upper

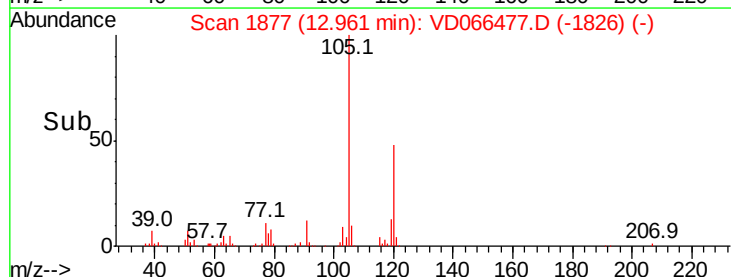
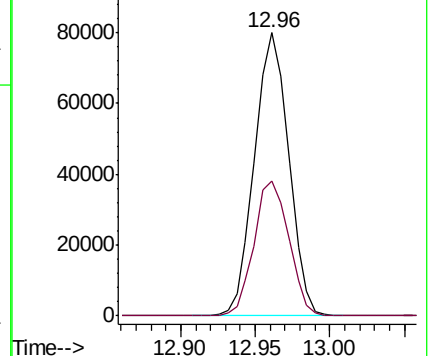
105 100

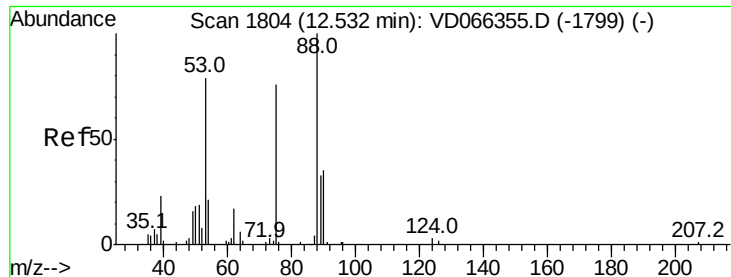
120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066477.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066477.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.430 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

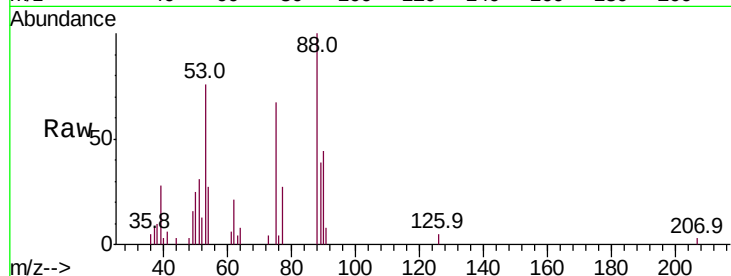
Tot Ion: 75 Resp: 6541

Ion	Ratio	Lower	Upper
75	100		
53	123.8	87.4	131.2
89	54.8	39.4	59.0

75 100

53 123.8 87.4 131.2

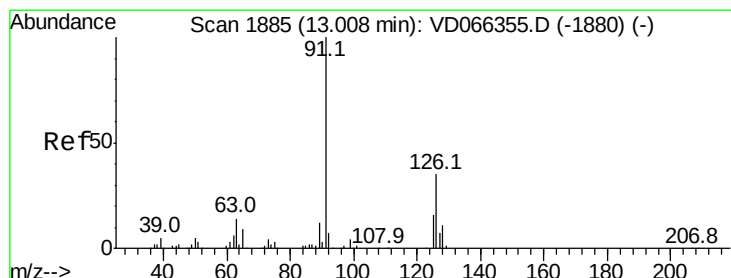
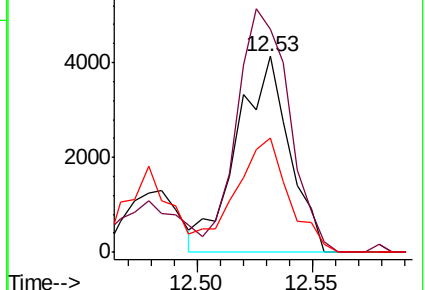
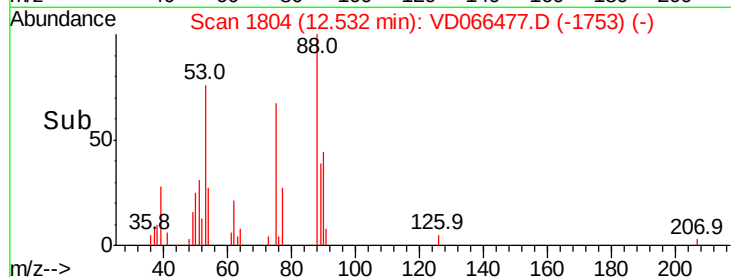
89 54.8 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.294 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066477.D

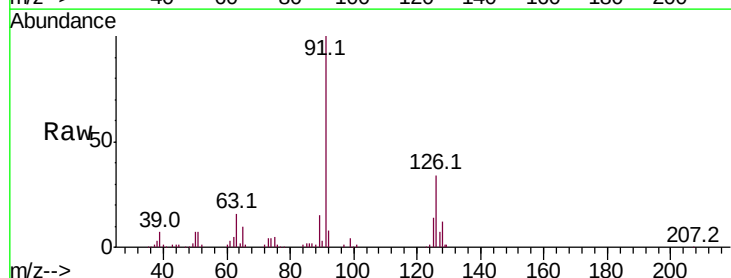
Acq: 31 Aug 2020 12:14

Tgt Ion: 91 Resp: 96029

Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.4	52.2

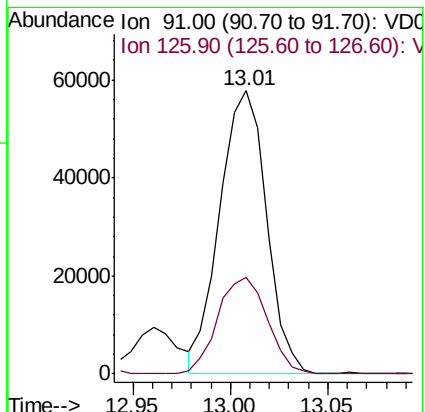
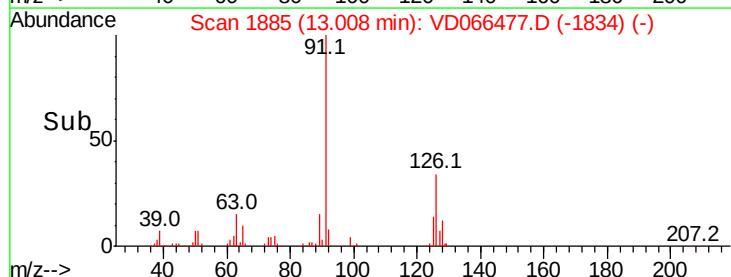
91 100

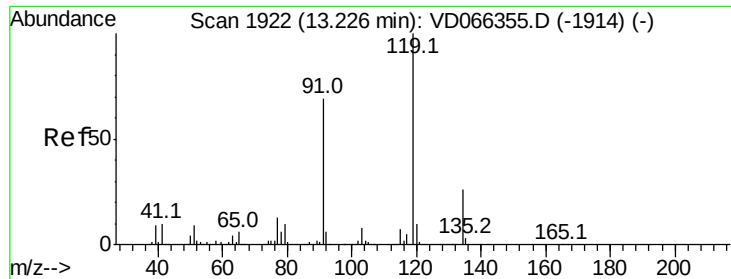
126 36.3 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

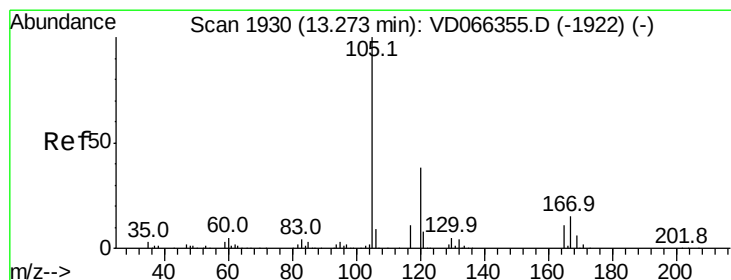
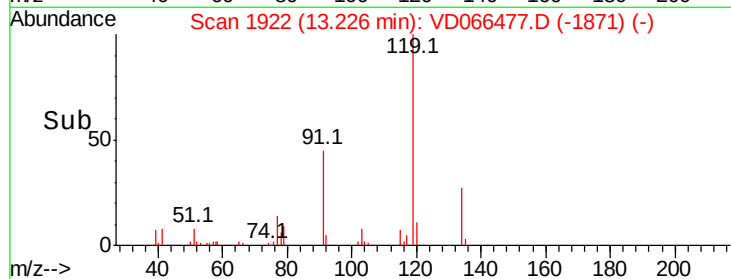
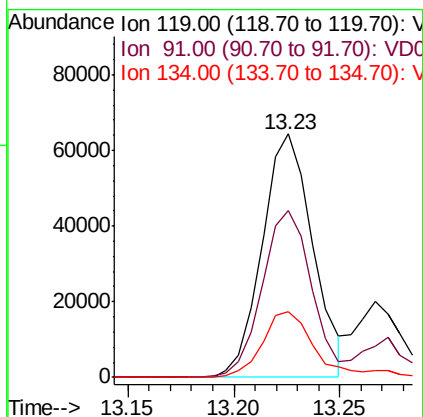
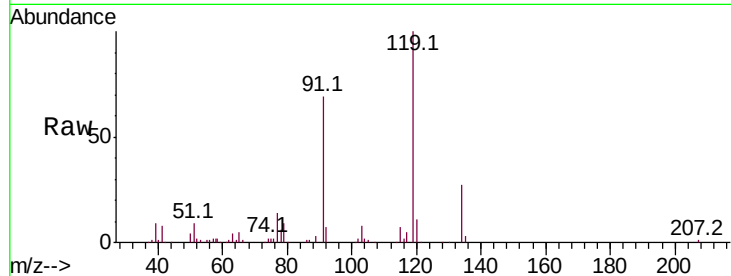
Ion 125.90 (125.60 to 126.60): V





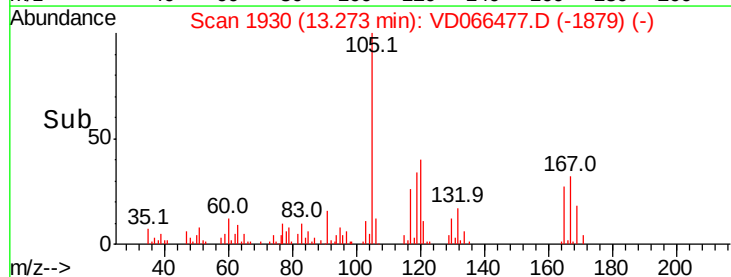
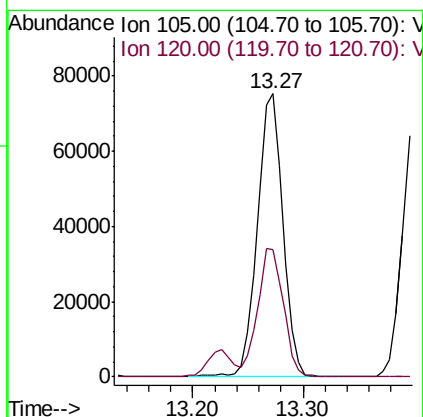
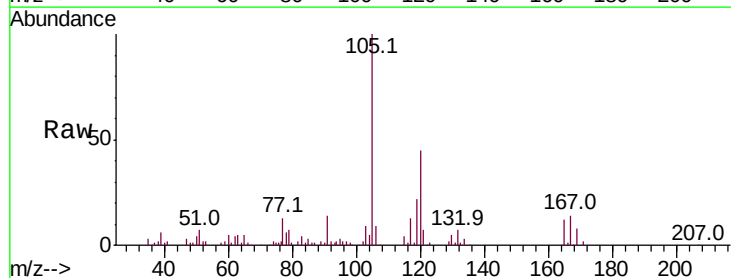
#83
 tert-Butylbenzene
 Concen: 19.967 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

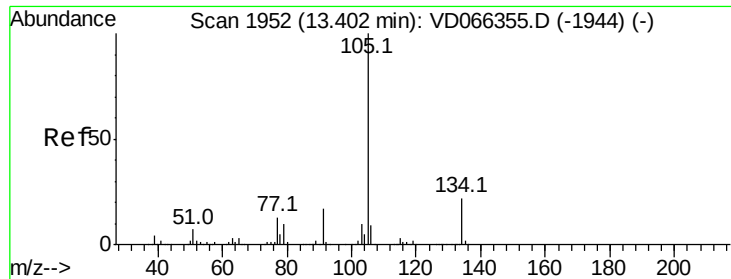
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.5	100.5
134	27.2	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.153 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.384 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066477.D

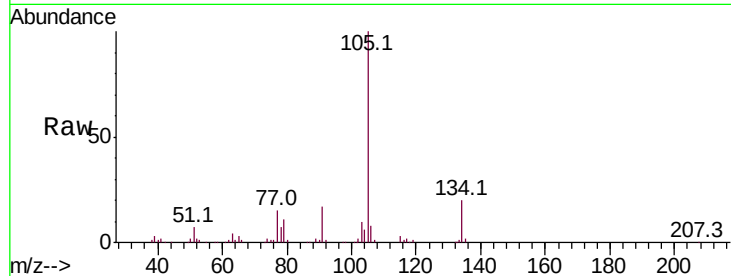
Acq: 31 Aug 2020 12:14

Tot Ion:105 Resp: 136631

Ion Ratio Lower Upper

105 100

134 22.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

100000

80000

60000

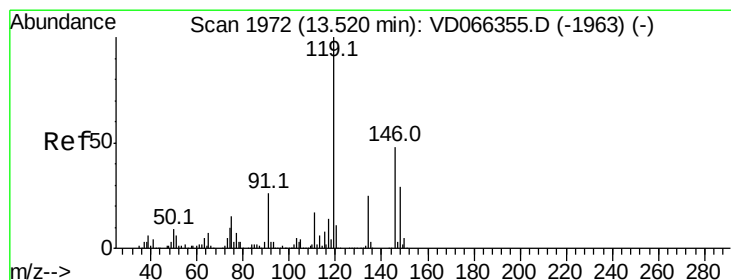
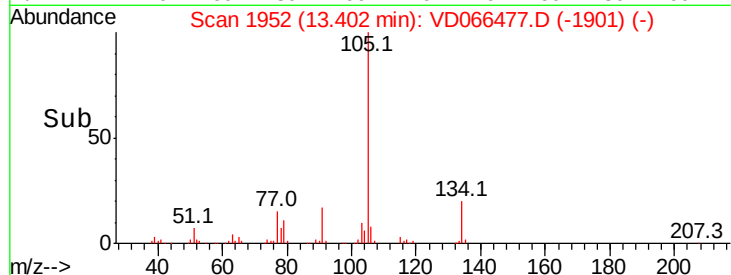
40000

20000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 20.334 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066477.D

Acq: 31 Aug 2020 12:14

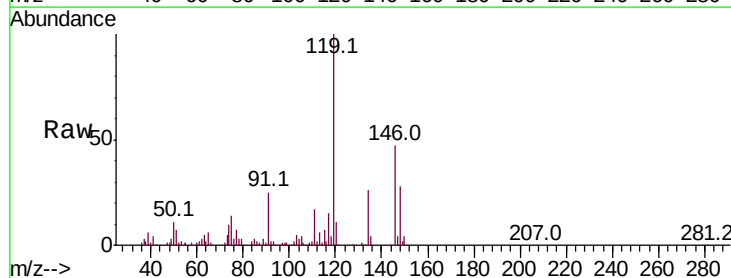
Tgt Ion:119 Resp: 138201

Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

91 26.5 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

120000

100000

80000

60000

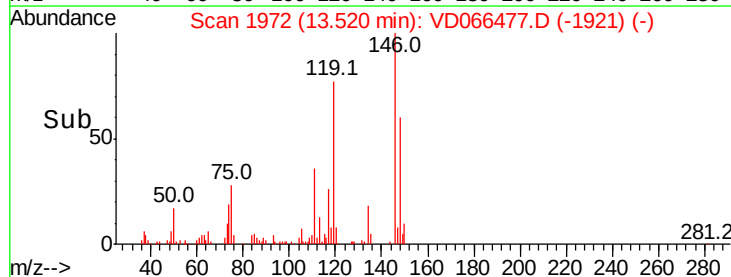
40000

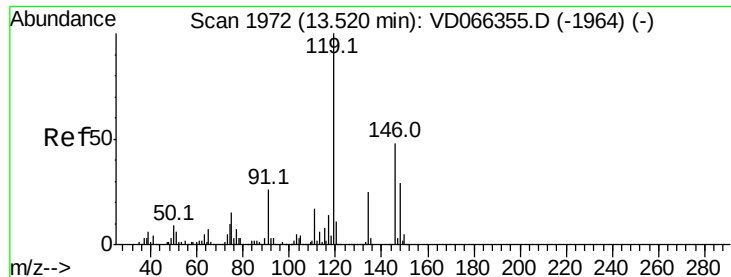
20000

0

13.45 13.50 13.55 13.60

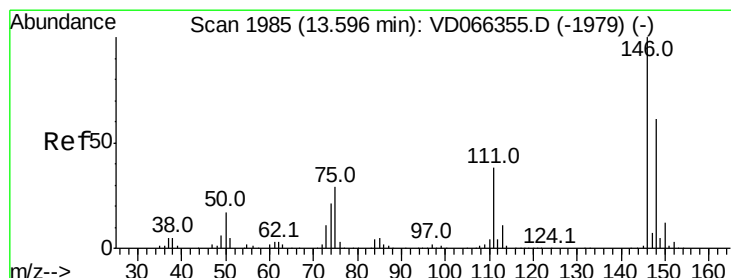
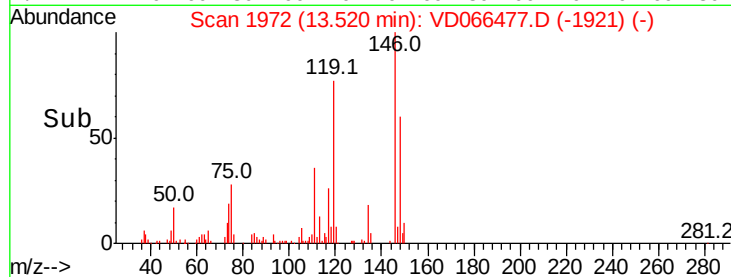
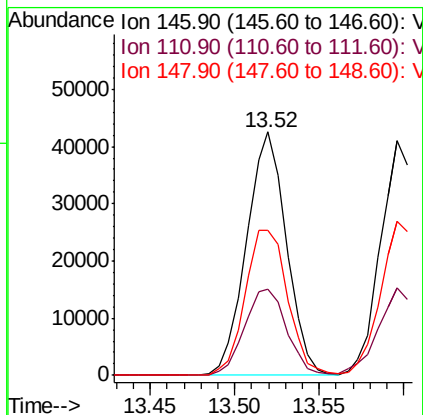
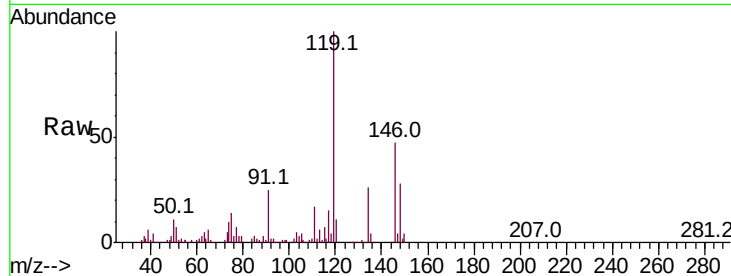
Time-->





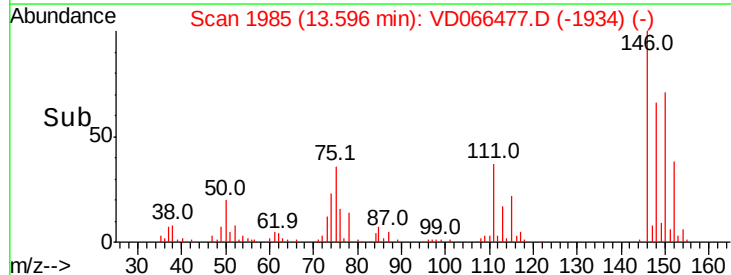
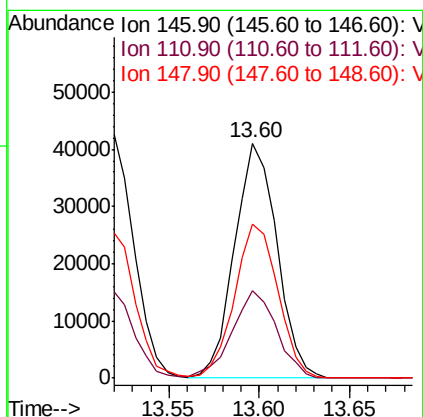
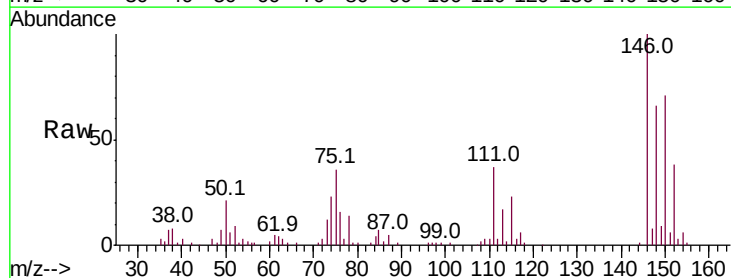
#87
 1,3-Dichlorobenzene
 Concen: 20.574 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

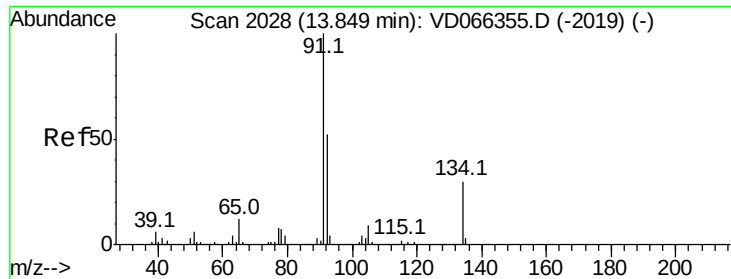
Tot Ion:146 Resp: 69926
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.625 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

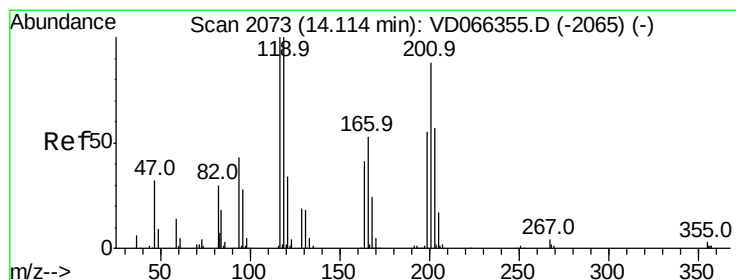
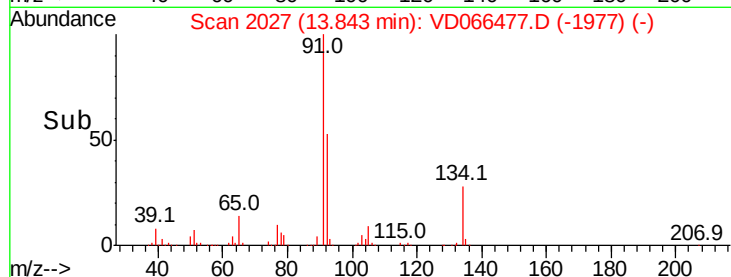
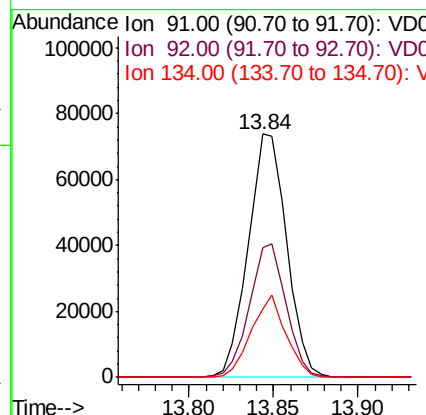
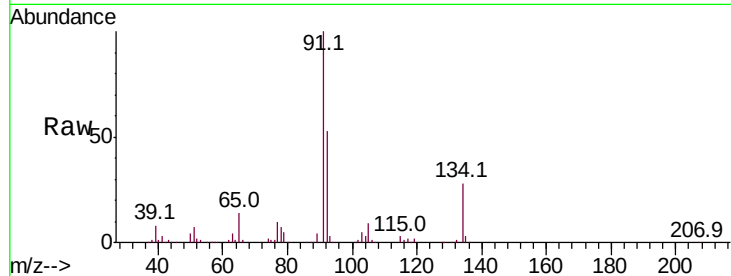
Tgt Ion:146 Resp: 66972
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 67.0 32.1 96.3





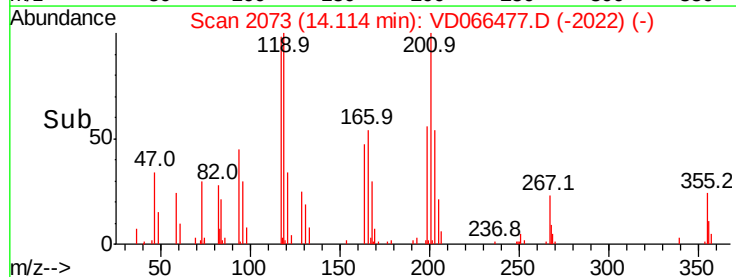
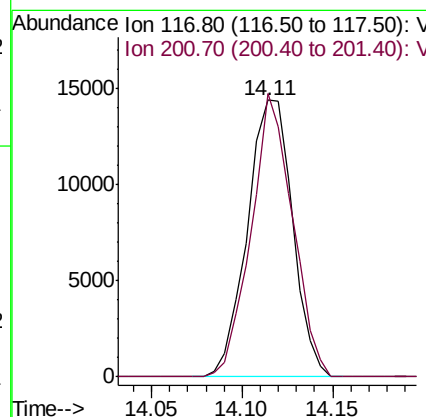
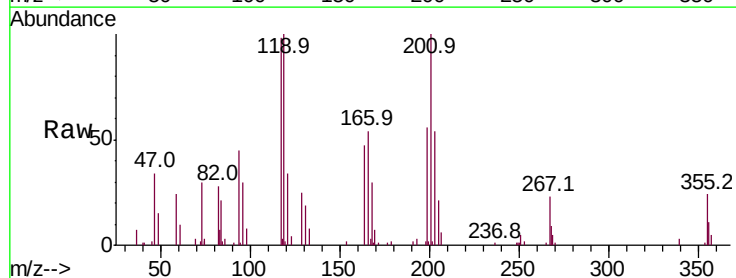
#89
n-Butylbenzene
Concen: 19.508 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

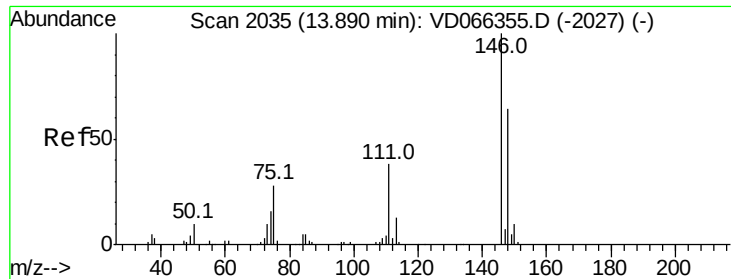
Tot Ion: 91 Resp: 117005
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 30.3 14.4 43.4



#90
Hexachloroethane
Concen: 18.609 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

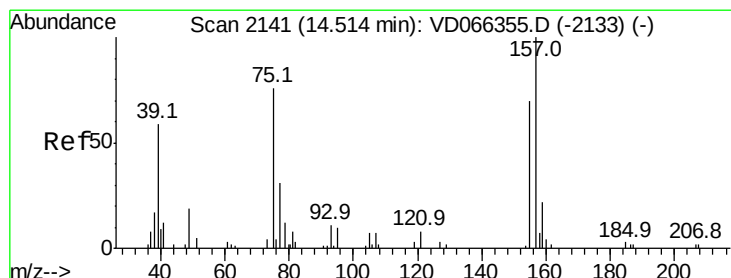
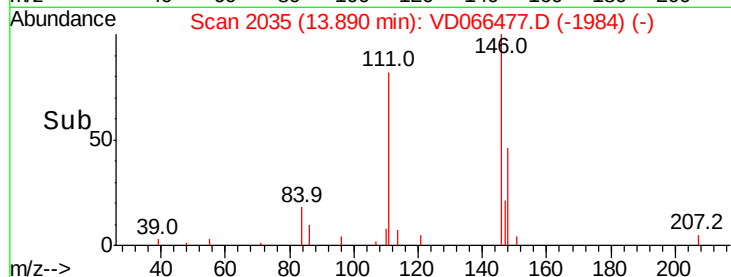
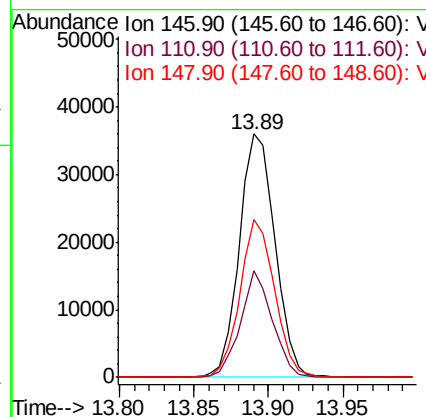
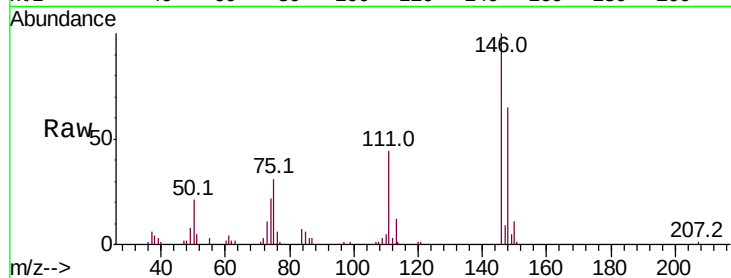
Tgt Ion: 117 Resp: 24985
Ion Ratio Lower Upper
117 100
201 93.5 45.4 136.2





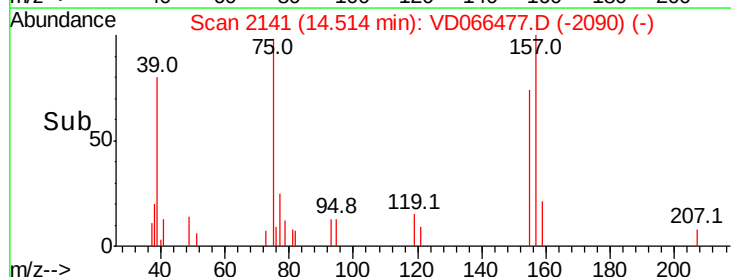
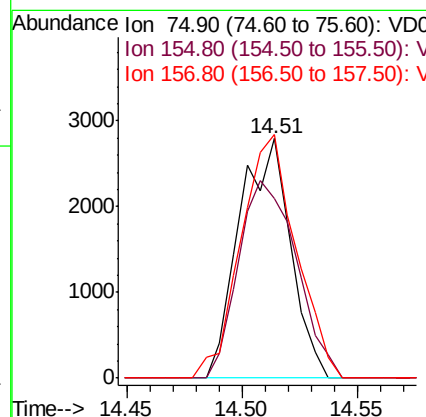
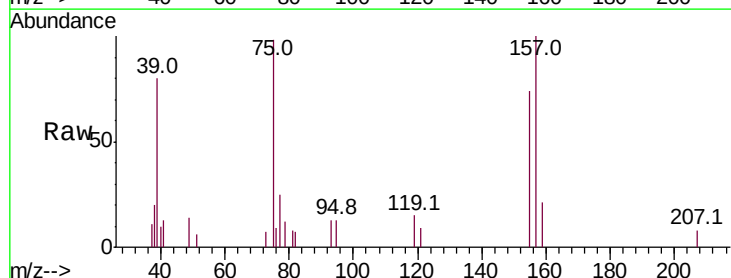
#91
 1,2-Dichlorobenzene
 Concen: 20.406 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

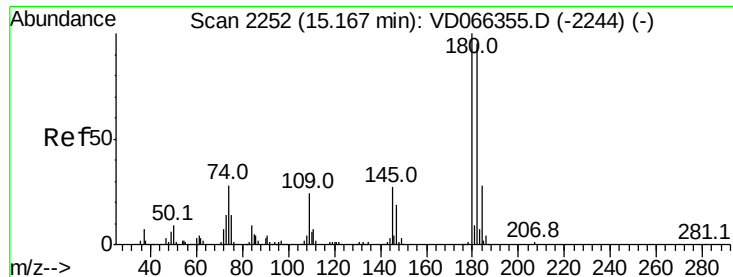
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	62.8	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.044 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

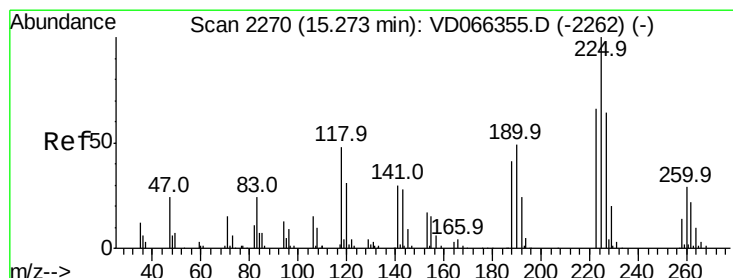
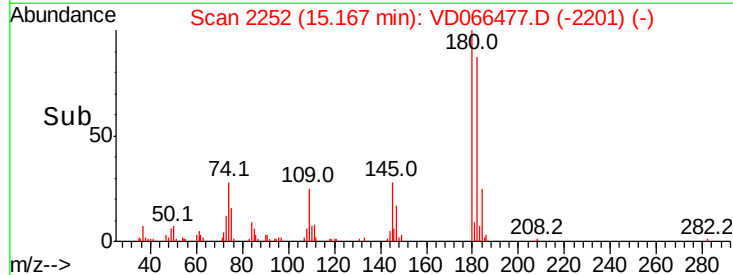
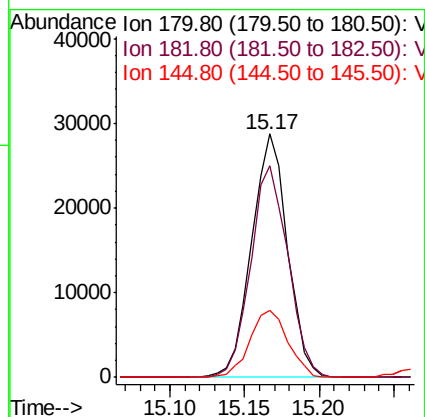
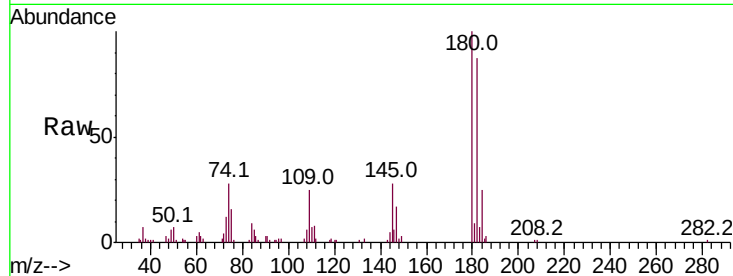
Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	46.9	140.6
157	109.5	61.0	183.0





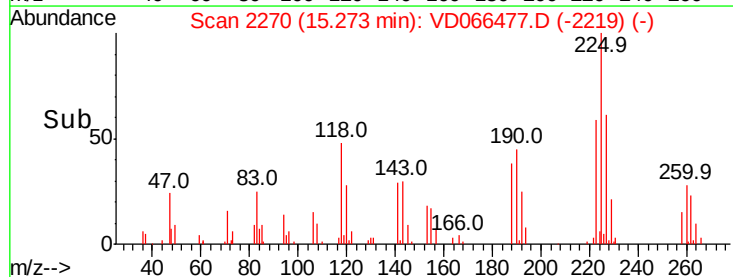
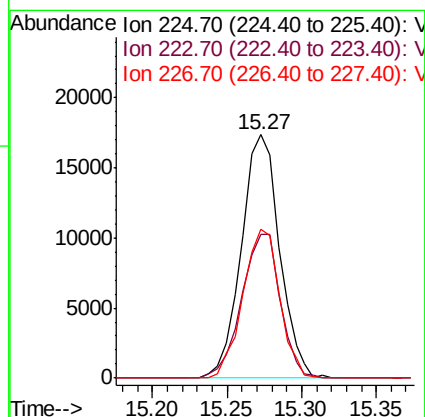
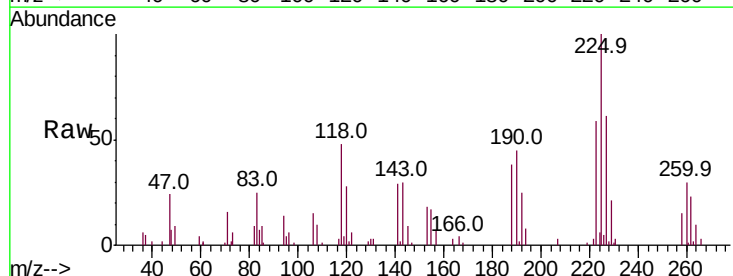
#93
 1,2,4-Trichlorobenzene
 Concen: 20.817 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

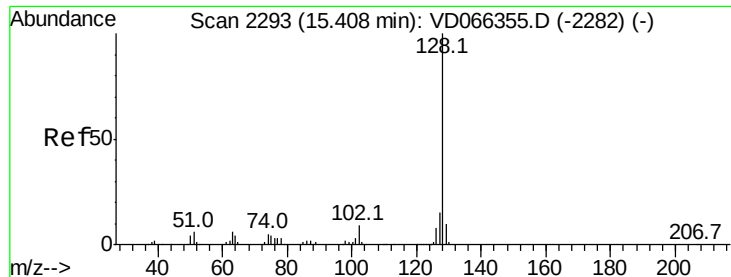
Tot Ion:	180	Resp:	47549
Ion	Ratio	Lower	Upper
180	100		
182	90.4	48.0	144.0
145	29.2	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 21.667 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066477.D
 Acq: 31 Aug 2020 12:14

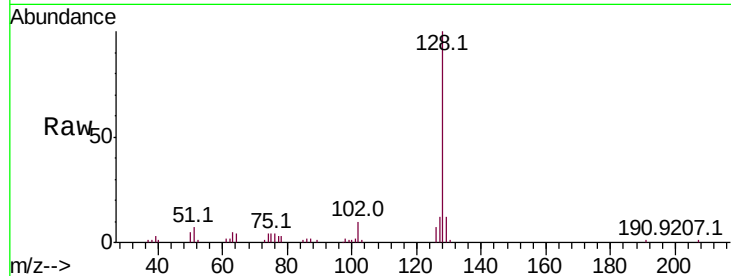
Tgt Ion:	225	Resp:	30756
Ion	Ratio	Lower	Upper
225	100		
223	59.8	32.5	97.4
227	59.0	33.0	98.9



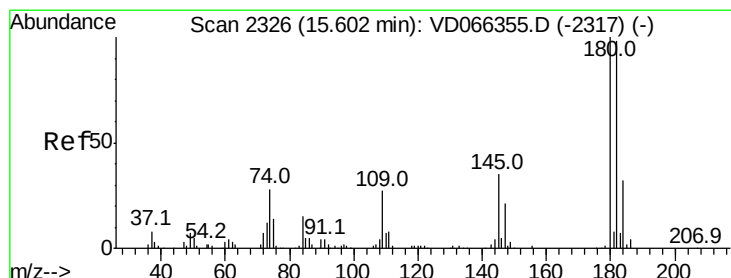
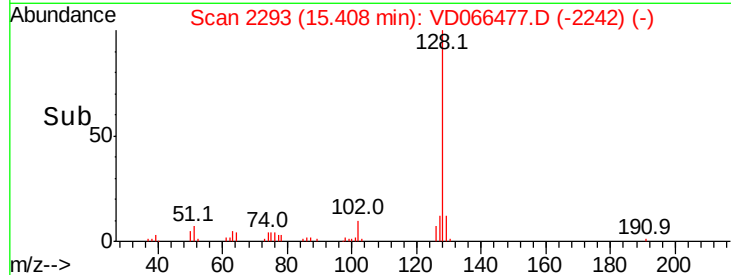
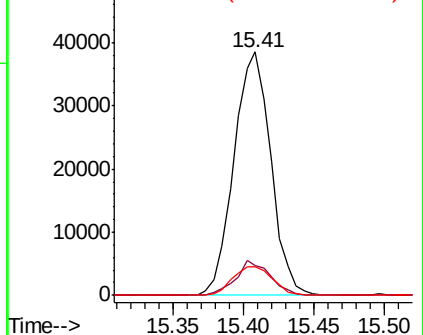


#95
Naphthalene
Concen: 19.607 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tot Ion:128 Resp: 70341
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 12.6 8.6 12.8

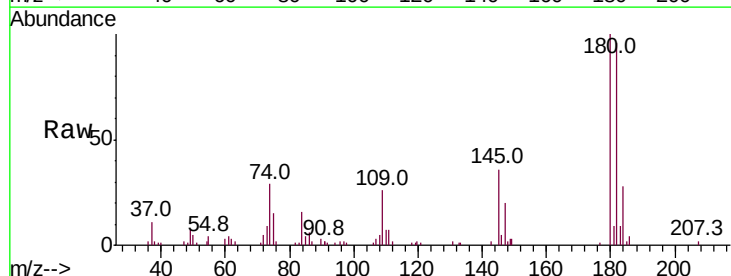


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.982 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066477.D
Acq: 31 Aug 2020 12:14

Tgt Ion:180 Resp: 39099
Ion Ratio Lower Upper
180 100
182 96.4 46.7 140.0
145 32.7 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

