

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066476.D
 Acq On : 31 Aug 2020 11:47
 Operator : VA/SY
 Sample : VD0831SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 01 01:00:36 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	7.97	168	156330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	212915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	189532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101158	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	87335	56.98	ug/l	0.00
Spiked Amount			Recovery	=	113.96%	
35) Dibromofluoromethane	7.91	113	70386	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
50) Toluene-d8	10.34	98	256818	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.63	95	92954	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	30039	22.602	ug/l	98
3) Chloromethane	2.21	50	16804	17.837	ug/l	95
4) Vinyl Chloride	2.35	62	19362	19.142	ug/l	98
5) Bromomethane	2.76	94	16569	21.901	ug/l	96
6) Chloroethane	2.92	64	13030	20.118	ug/l	95
7) Trichlorofluoromethane	3.27	101	64002	23.270	ug/l	99
8) Diethyl Ether	3.70	74	10969	17.799	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.10	101	25672	18.913	ug/l	93
10) Methyl Iodide	4.30	142	26886	17.367	ug/l	98
11) Tert butyl alcohol	5.20	59	5514	22.875	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	23619	18.537	ug/l	87
13) Acrolein	3.93	56	3029	44.505	ug/l	90
14) Allyl chloride	4.71	41	28282	16.630	ug/l #	83
15) Acrylonitrile	5.42	53	19778	79.990	ug/l	99
16) Acetone	4.16	43	25295	91.545	ug/l #	86
17) Carbon Disulfide	4.40	76	61656	15.967	ug/l	95
18) Methyl Acetate	4.73	43	8354	16.109	ug/l	91
19) Methyl tert-butyl Ether	5.47	73	59441	19.374	ug/l	97
20) Methylene Chloride	4.96	84	28078	14.523	ug/l #	92
21) trans-1,2-Dichloroethene	5.47	96	26759	18.042	ug/l	97
22) Diisopropyl ether	6.36	45	54197	16.460	ug/l #	97
23) Vinyl Acetate	6.30	43	168253	82.543	ug/l	97
24) 1,1-Dichloroethane	6.26	63	41234	17.721	ug/l #	91
25) 2-Butanone	7.21	43	24430	77.881	ug/l	96
26) 2,2-Dichloropropane	7.20	77	57069	22.883	ug/l	94
27) cis-1,2-Dichloroethene	7.21	96	29379	18.486	ug/l	99
28) Bromochloromethane	7.54	49	12571	15.684	ug/l	94
29) Tetrahydrofuran	7.56	42	13445	75.462	ug/l	89
30) Chloroform	7.70	83	55122	20.475	ug/l	92
31) Cyclohexane	7.97	56	34479	16.202	ug/l #	76
32) 1,1,1-Trichloroethane	7.90	97	61960	22.487	ug/l	96
36) 1,1-Dichloropropene	8.10	75	37477	19.291	ug/l	97
37) Ethyl Acetate	7.28	43	10345	15.657	ug/l #	63
38) Carbon Tetrachloride	8.09	117	59518	23.515	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

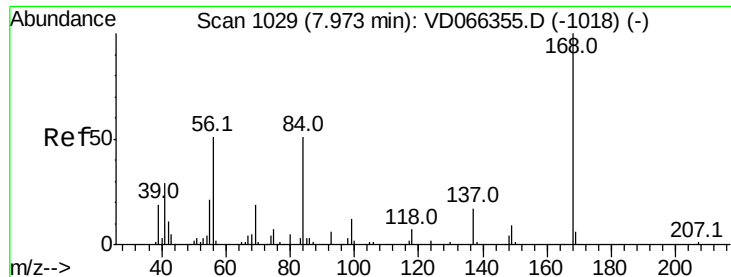
39) Methylcyclohexane	9.35	83	45341	19.813	ug/l	97
40) Benzene	8.34	78	98781	19.328	ug/l	97
41) Methacrylonitrile	7.51	41	4326	10.617	ug/l #	76
42) 1,2-Dichloroethane	8.41	62	39924	22.180	ug/l	99
43) Isopropyl Acetate	8.44	43	22831	17.215	ug/l	97
44) Trichloroethene	9.10	130	32543	19.597	ug/l	94
45) 1,2-Dichloropropane	9.38	63	20086	17.336	ug/l	88
46) Dibromomethane	9.47	93	13818	19.155	ug/l	97
47) Bromodichloromethane	9.66	83	41263	20.800	ug/l	95
48) Methyl methacrylate	9.45	41	12368	18.085	ug/l #	82
49) 1,4-Dioxane	9.45	88	3099	369.970	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	55690	86.803	ug/l	97
52) Toluene	10.40	92	70744	20.432	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	38014	20.194	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	40621	19.225	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	18282	18.720	ug/l	89
56) Ethyl methacrylate	10.66	69	19873	17.579	ug/l #	86
57) 1,3-Dichloropropane	10.94	76	30909	19.134	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	41517	88.422	ug/l	93
59) 2-Hexanone	10.98	43	37580	83.042	ug/l	99
60) Dibromochloromethane	11.14	129	29941	20.340	ug/l	95
61) 1,2-Dibromoethane	11.24	107	17134	17.828	ug/l	98
64) Tetrachloroethene	10.87	164	31762	22.091	ug/l	90
65) Chlorobenzene	11.67	112	80257	21.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	33654	21.839	ug/l	98
67) Ethyl Benzene	11.74	91	141649	21.341	ug/l	96
68) m/p-Xylenes	11.86	106	109283	43.196	ug/l	97
69) o-Xylene	12.18	106	50713	21.547	ug/l	97
70) Styrene	12.19	104	86413	21.383	ug/l	97
71) Bromoform	12.36	173	17687	20.231	ug/l #	99
73) Isopropylbenzene	12.48	105	143144	21.124	ug/l	99
74) N-amyl acetate	12.28	43	20308	16.593	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	17163	17.730	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	26053	36.609	ug/l #	1
77) Bromobenzene	12.76	156	36338	21.127	ug/l	95
78) n-propylbenzene	12.82	91	162189	20.874	ug/l	96
79) 2-Chlorotoluene	12.91	91	91199	20.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	129402	22.116	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	6517	19.439	ug/l	91
82) 4-Chlorotoluene	13.01	91	98095	20.864	ug/l	97
83) tert-Butylbenzene	13.23	119	110726	21.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	125470	21.833	ug/l	100
85) sec-Butylbenzene	13.40	105	139039	20.881	ug/l	98
86) p-Isopropyltoluene	13.52	119	144097	22.444	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	69208	21.556	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	69444	21.542	ug/l	99
89) n-Butylbenzene	13.85	91	117206	20.687	ug/l	99
90) Hexachloroethane	14.11	117	25054	19.754	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	60085	21.739	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4138	20.381	ug/l	89

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	44890	20.804	ug/l	98
94) Hexachlorobutadiene	15.27	225	31637	23.594	ug/l	95
95) Naphthalene	15.41	128	67467	19.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	36952	19.991	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066476.D

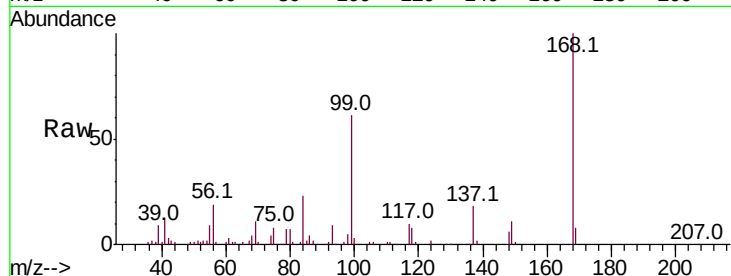
Acq: 31 Aug 2020 11:47

Tot Ion:168 Resp: 156330

Ion Ratio Lower Upper

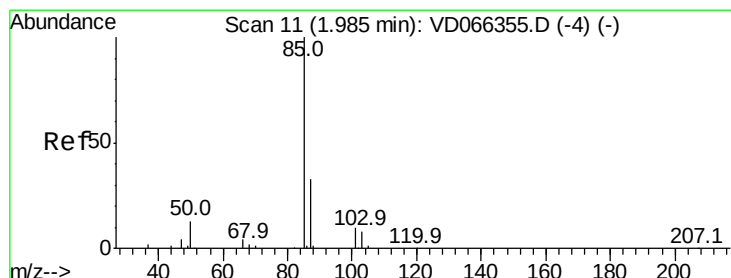
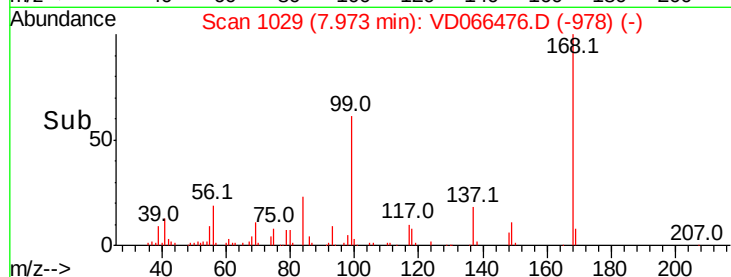
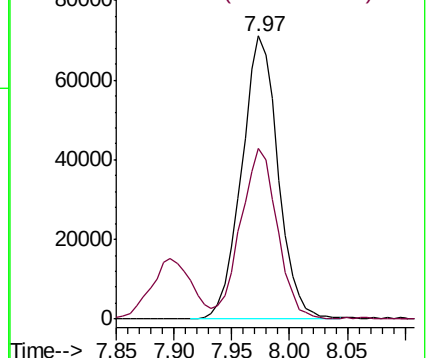
168 100

99 60.3 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: 22.602 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066476.D

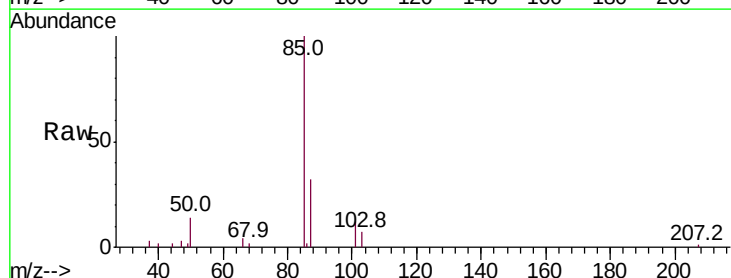
Acq: 31 Aug 2020 11:47

Tgt Ion: 85 Resp: 30039

Ion Ratio Lower Upper

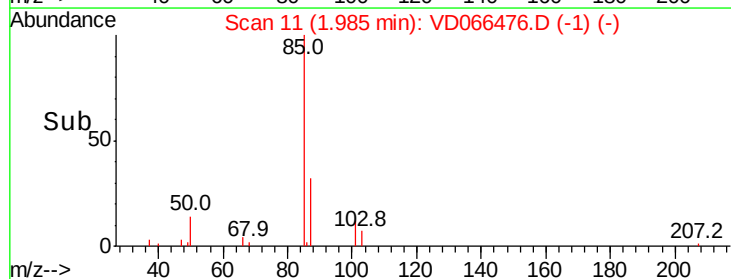
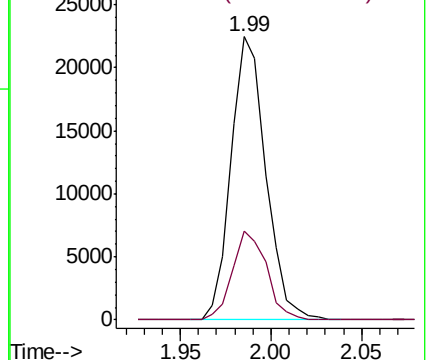
85 100

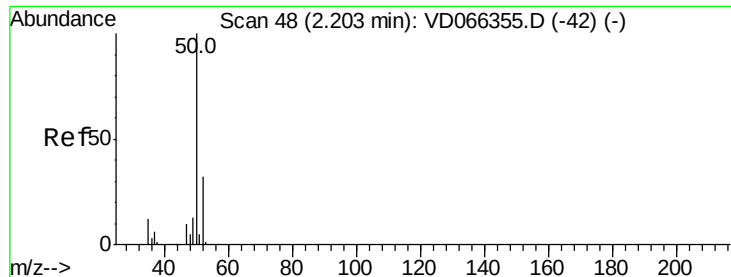
87 31.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.837 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066476.D

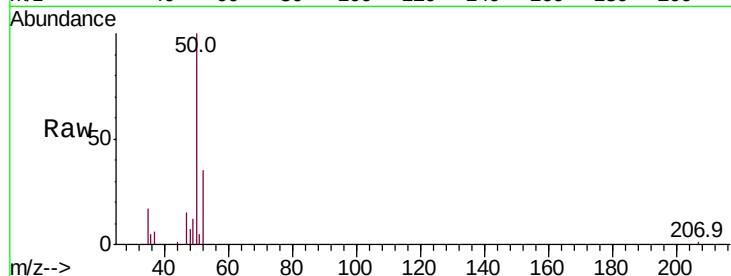
Acq: 31 Aug 2020 11:47

Tot Ion: 50 Resp: 16804

Ion Ratio Lower Upper

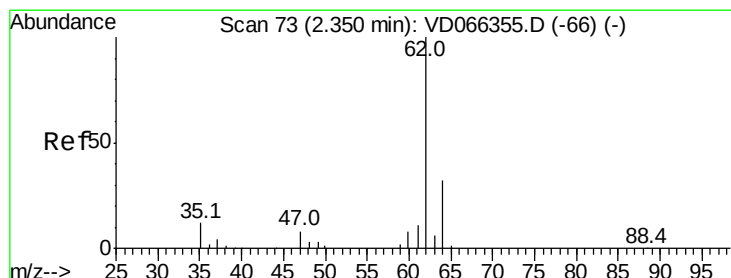
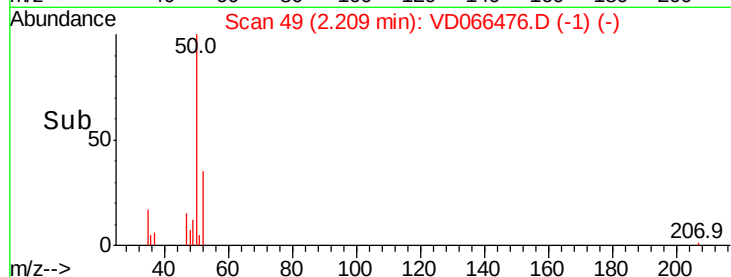
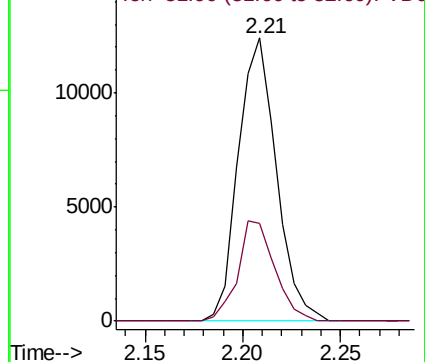
50 100

52 34.7 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: 19.142 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066476.D

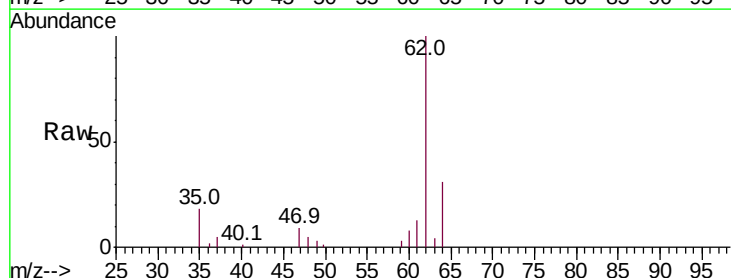
Acq: 31 Aug 2020 11:47

Tgt Ion: 62 Resp: 19362

Ion Ratio Lower Upper

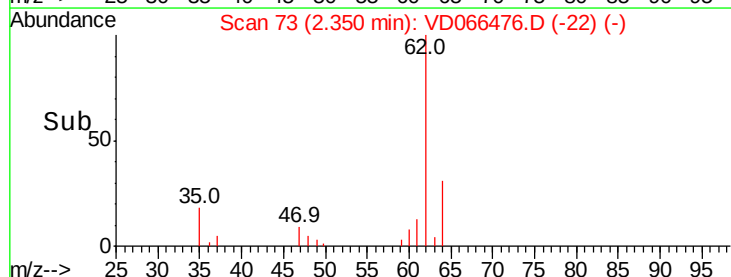
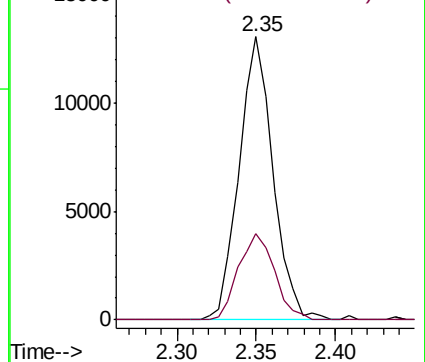
62 100

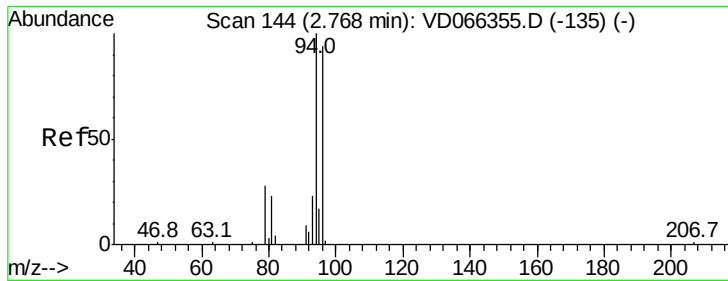
64 30.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.901 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066476.D

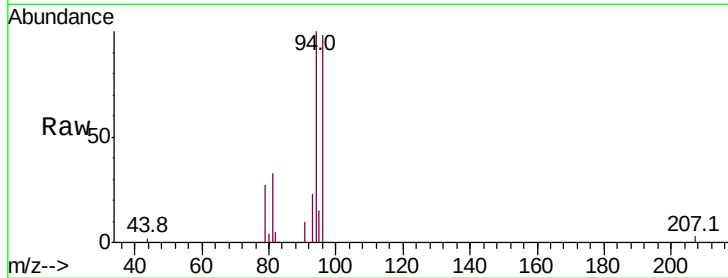
Acq: 31 Aug 2020 11:47

Tot Ion: 94 Resp: 16569

Ion Ratio Lower Upper

94 100

96 97.8 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

8000

6000

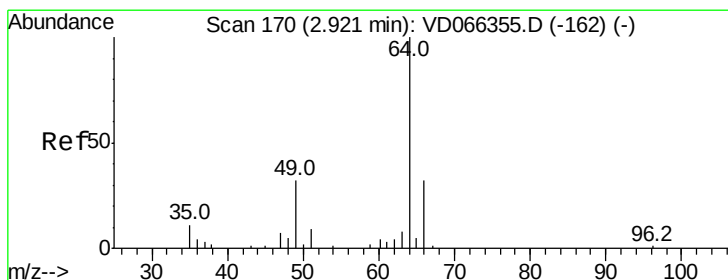
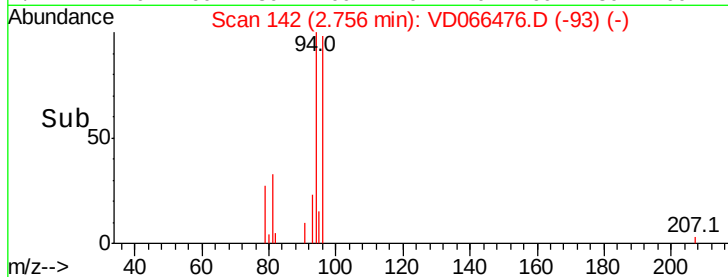
4000

2000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.118 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066476.D

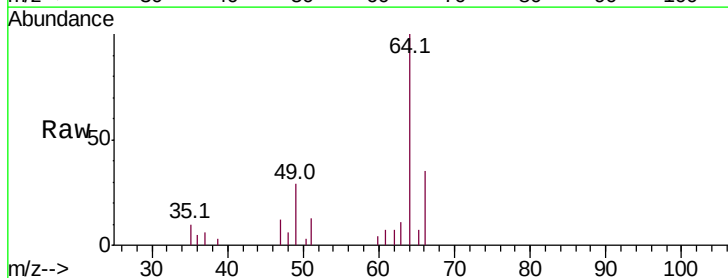
Acq: 31 Aug 2020 11:47

Tgt Ion: 64 Resp: 13030

Ion Ratio Lower Upper

64 100

66 35.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

6000

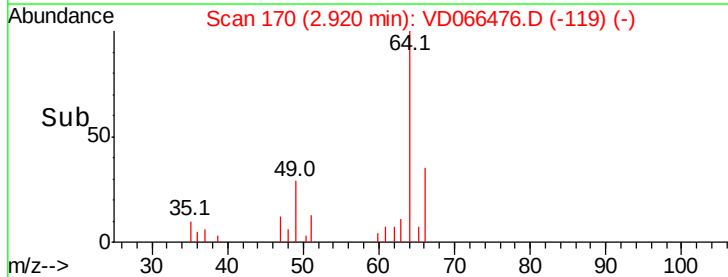
4000

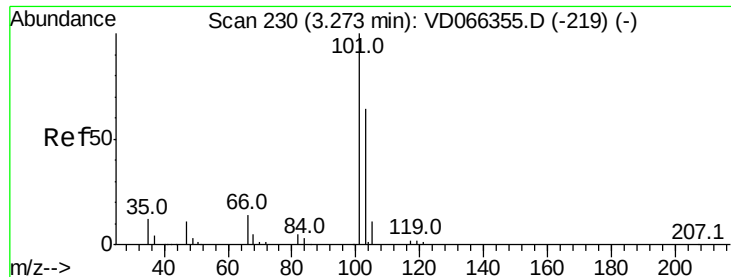
2000

0

Time-->

2.85 2.90 2.95 3.00

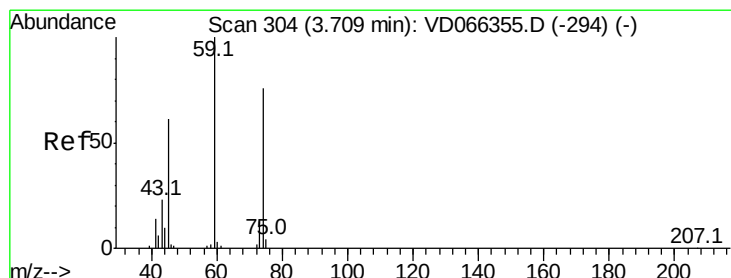
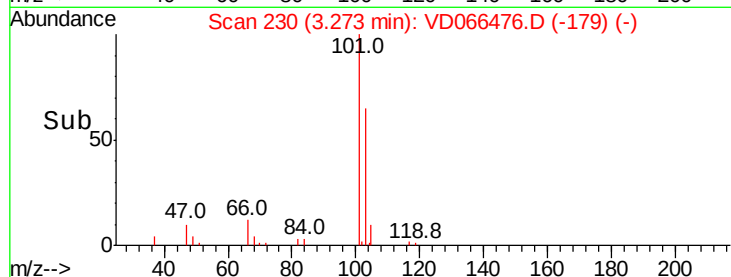
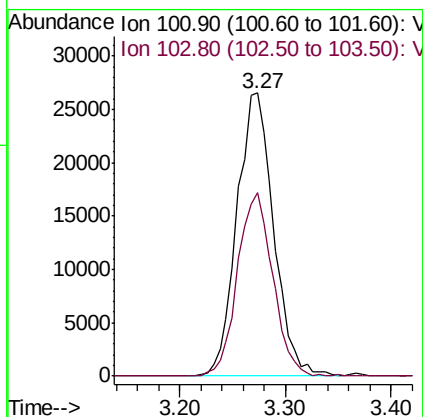
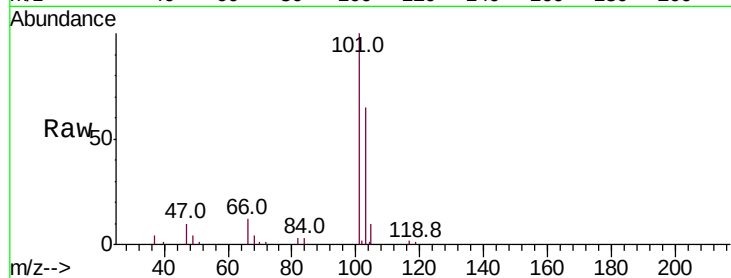




#7

Trichlorofluoromethane
Concen: 23.270 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066476.D
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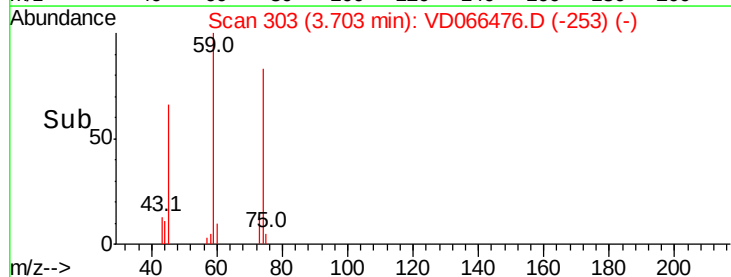
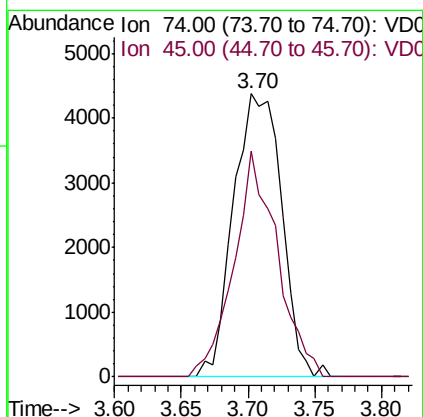
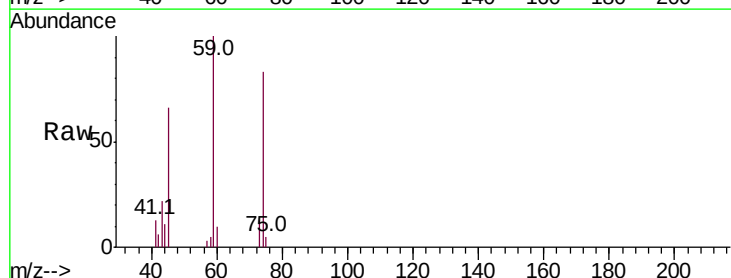
Tot Ion:101 Resp: 64002
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

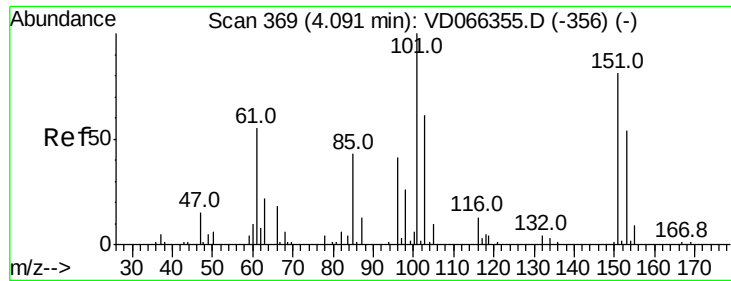


#8

Diethyl Ether
Concen: 17.799 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion: 74 Resp: 10969
Ion Ratio Lower Upper
74 100
45 71.6 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.913 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

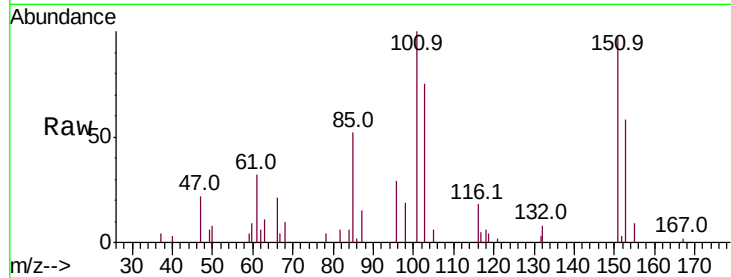
Tot Ion:101 Resp: 25672

Ion Ratio Lower Upper

101 100

85 49.4 36.4 54.6

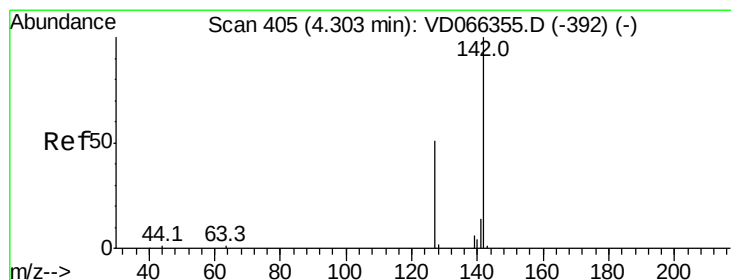
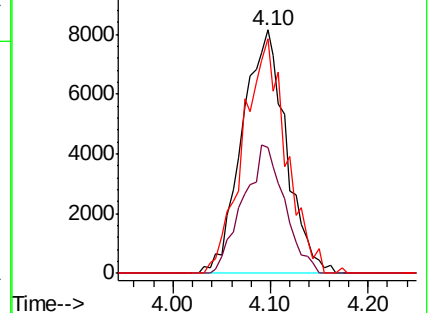
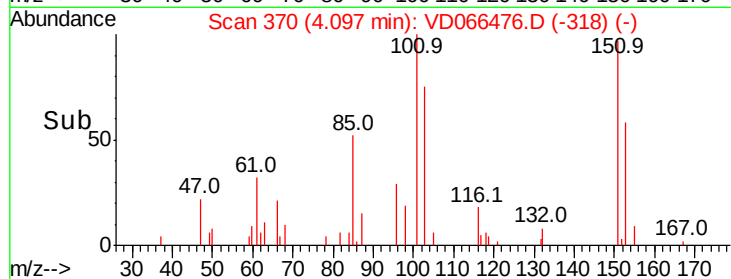
151 94.7 70.5 105.7



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: 17.367 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

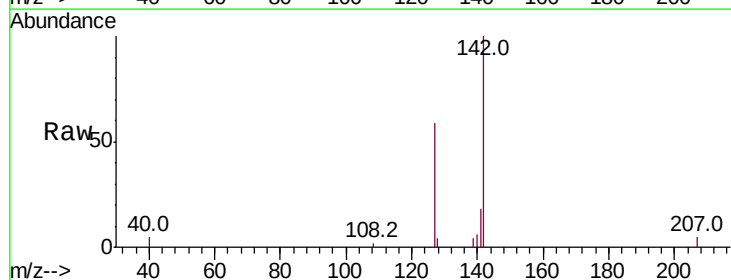
Tgt Ion:142 Resp: 26886

Ion Ratio Lower Upper

142 100

127 53.6 41.8 62.8

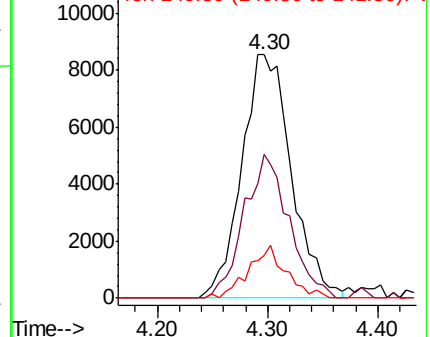
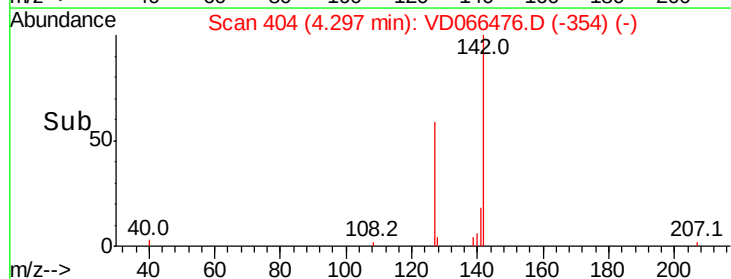
141 16.4 11.8 17.6

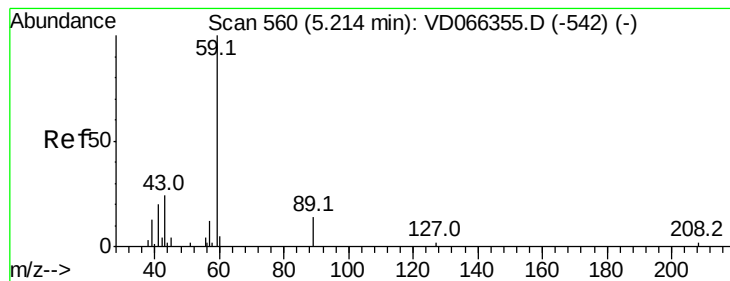


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 22.875 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD066476.D

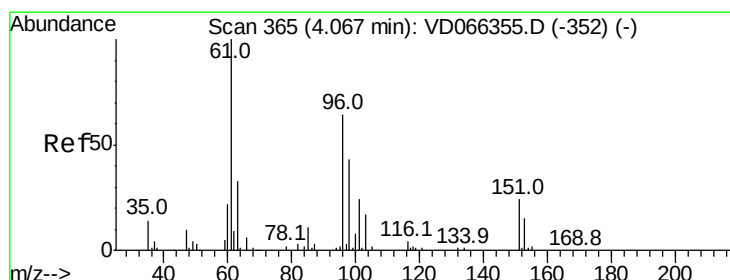
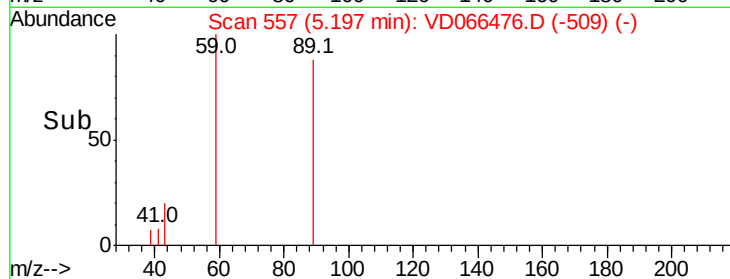
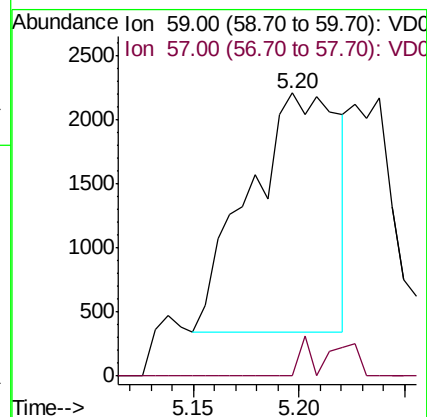
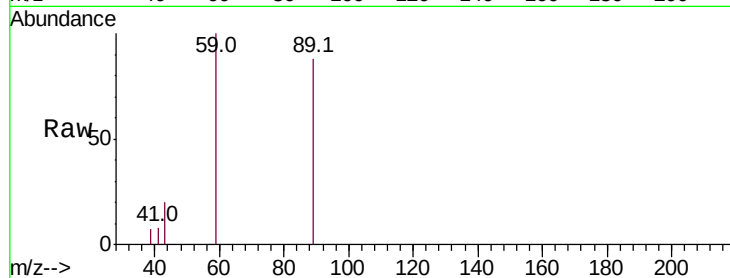
Acq: 31 Aug 2020 11:47

Tot Ion: 59 Resp: 5514

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 18.537 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

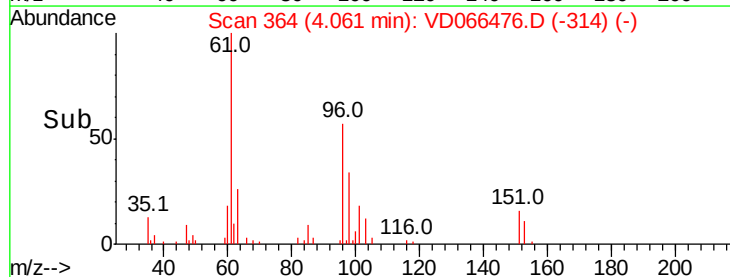
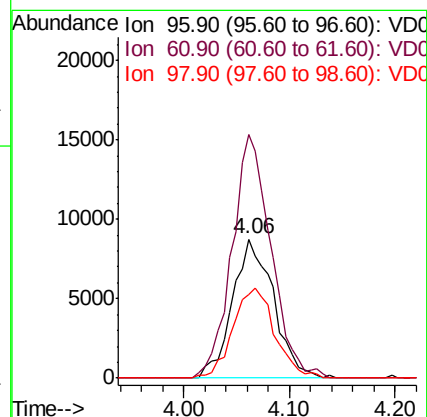
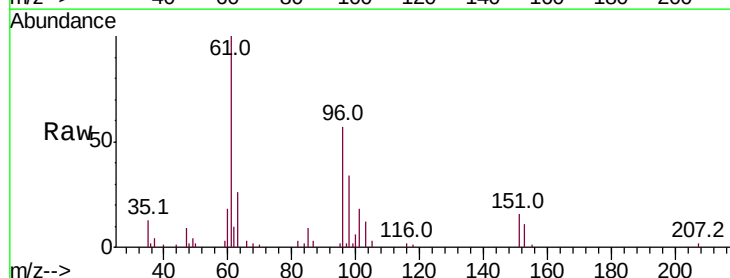
Tgt Ion: 96 Resp: 23619

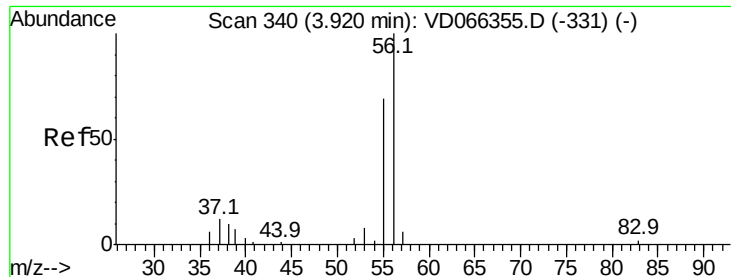
Ion Ratio Lower Upper

96 100

61 175.5 124.3 186.5

98 59.9 53.2 79.8





#13

Acrolein

Concen: 44.505 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066476.D

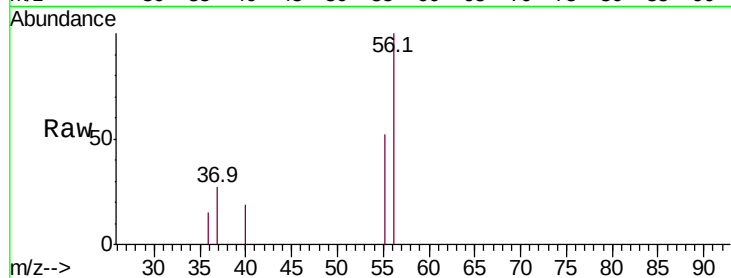
Acq: 31 Aug 2020 11:47

Tot Ion: 56 Resp: 3029

Ion Ratio Lower Upper

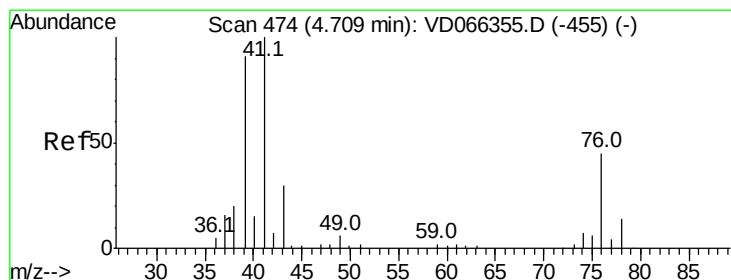
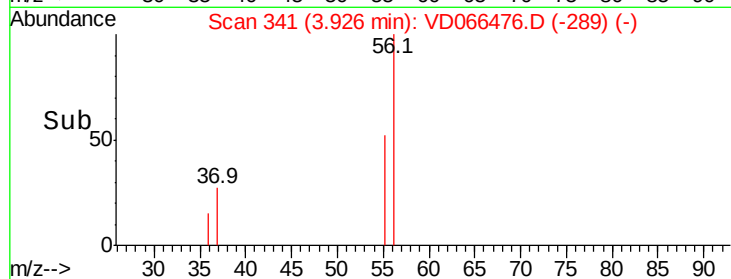
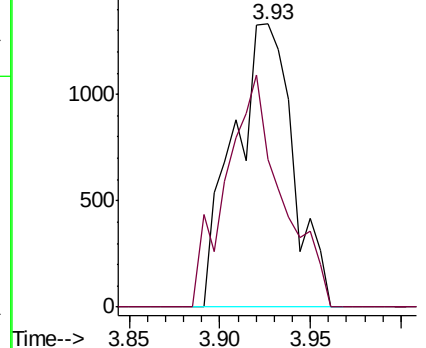
56 100

55 77.5 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: 16.630 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

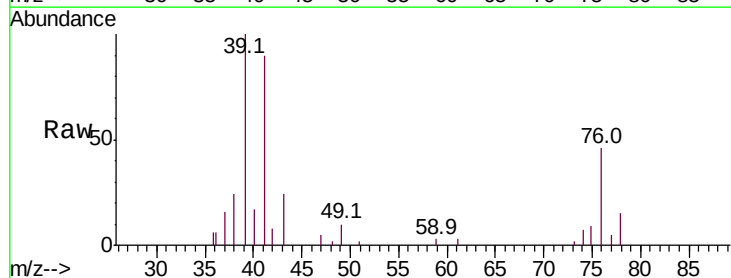
Tgt Ion: 41 Resp: 28282

Ion Ratio Lower Upper

41 100

39 110.6 72.8 109.2#

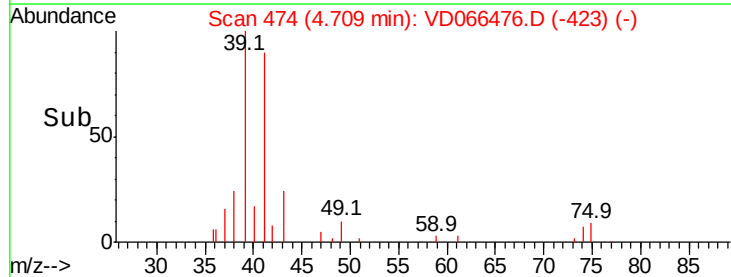
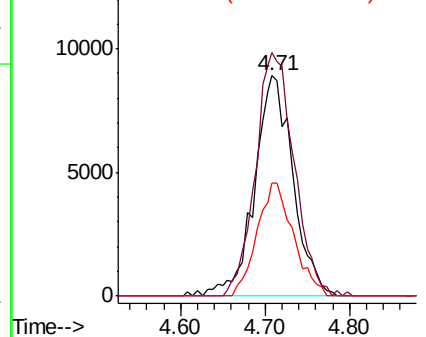
76 48.3 34.0 51.0

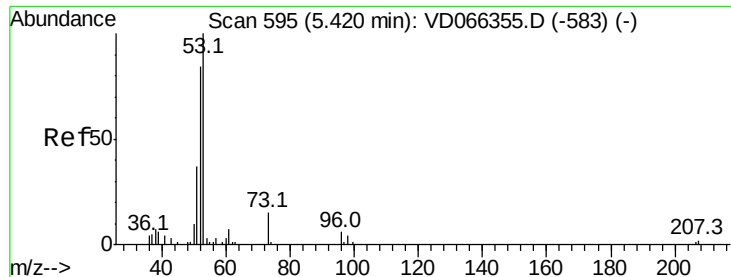


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 79.990 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

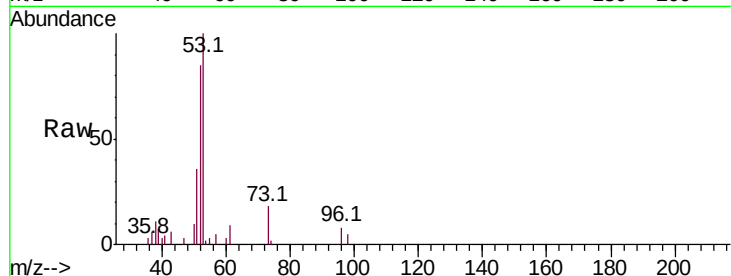
Tot Ion: 53 Resp: 19778

Ion Ratio Lower Upper

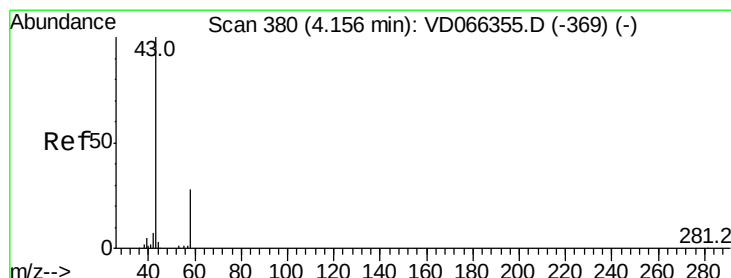
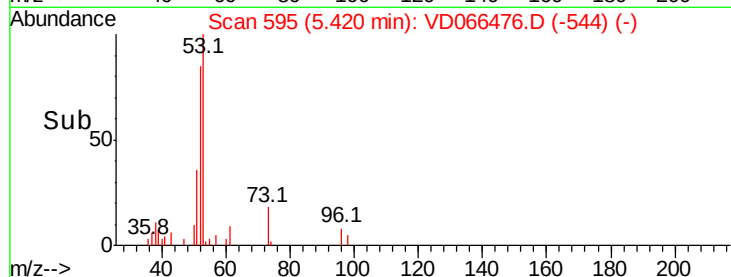
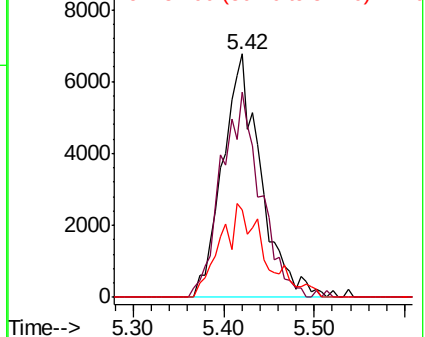
53 100

52 86.5 68.1 102.1

51 43.1 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: 91.545 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066476.D

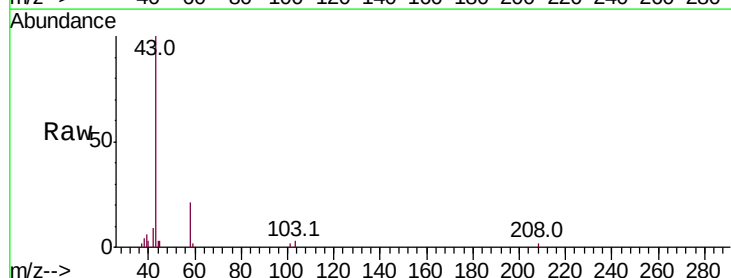
Acq: 31 Aug 2020 11:47

Tgt Ion: 43 Resp: 25295

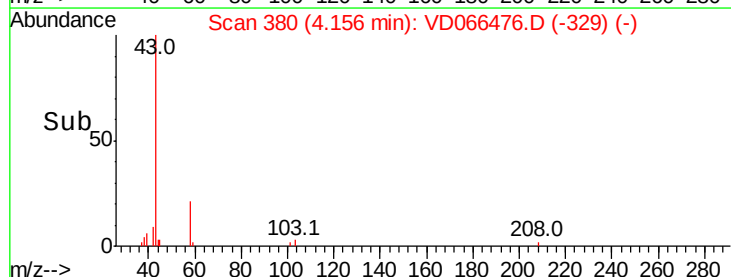
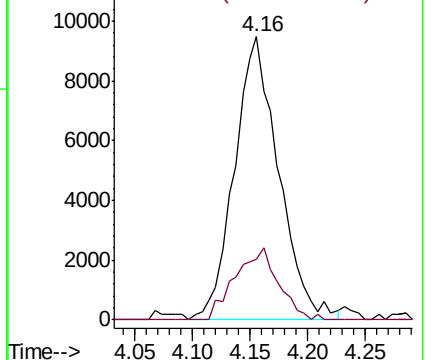
Ion Ratio Lower Upper

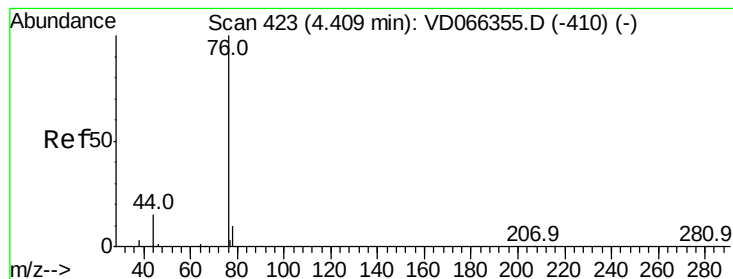
43 100

58 21.2 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: 15.967 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066476.D

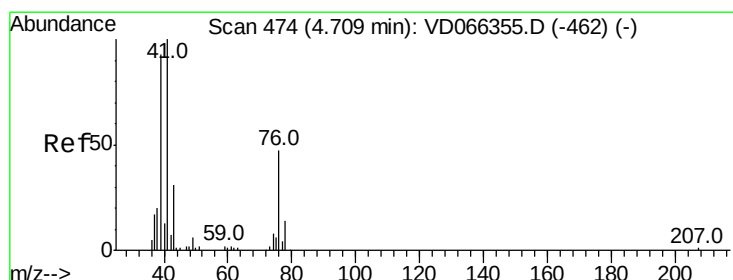
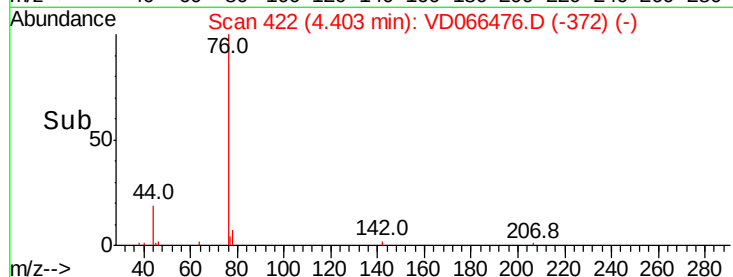
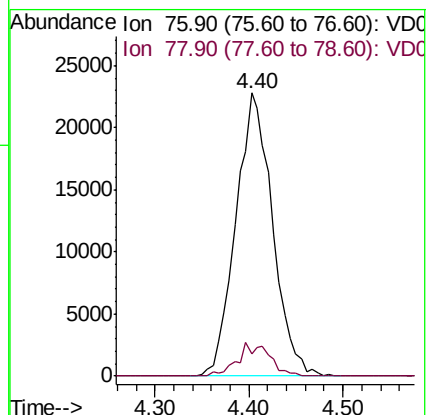
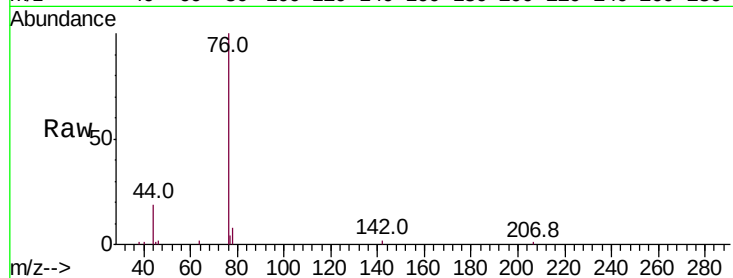
Acq: 31 Aug 2020 11:47

Tot Ion: 76 Resp: 61656

Ion Ratio Lower Upper

76 100

78 7.7 7.7 11.5



#18

Methyl Acetate

Concen: 16.109 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.02 min

Lab File: VD066476.D

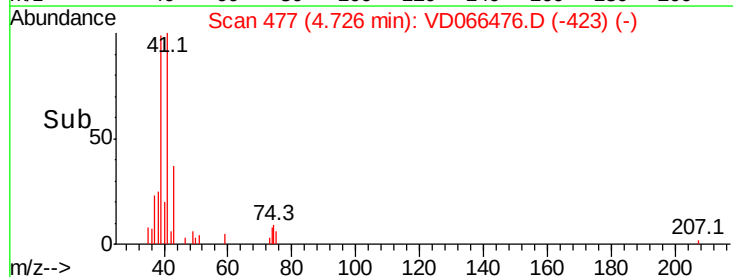
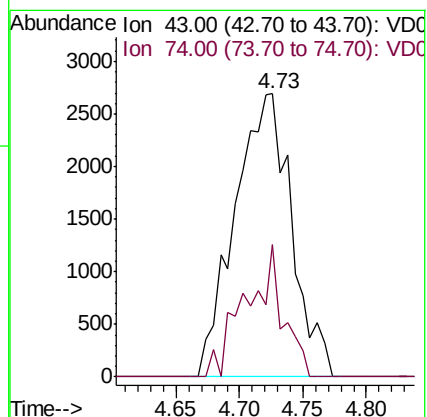
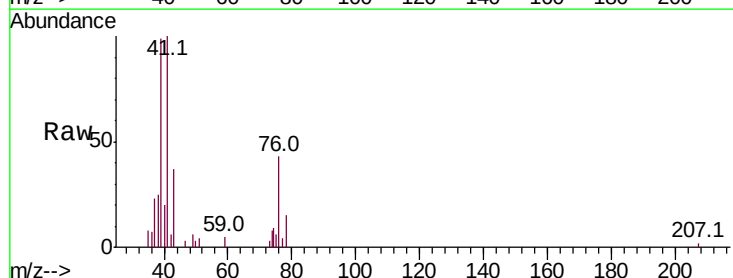
Acq: 31 Aug 2020 11:47

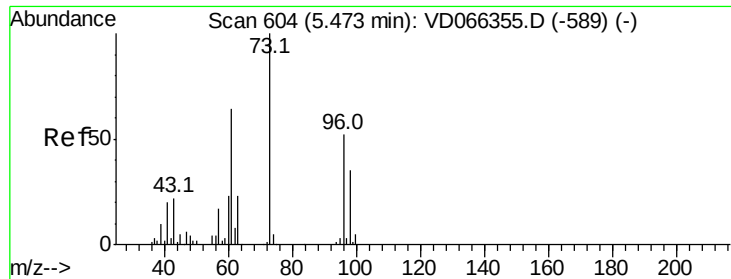
Tgt Ion: 43 Resp: 8354

Ion Ratio Lower Upper

43 100

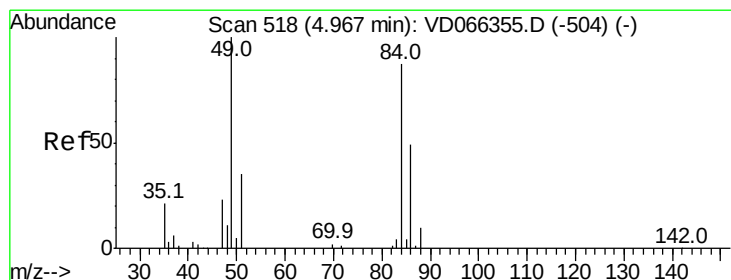
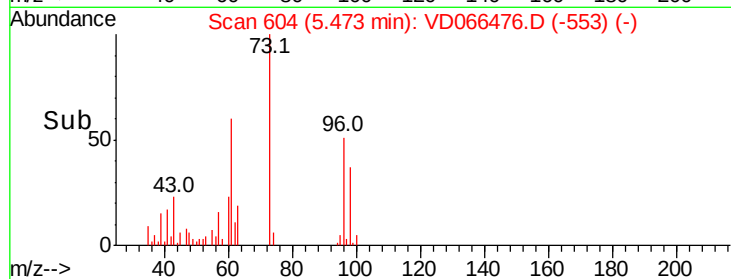
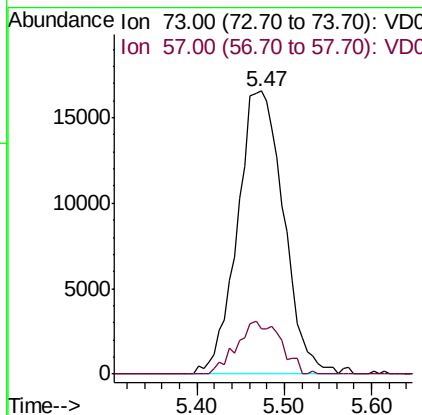
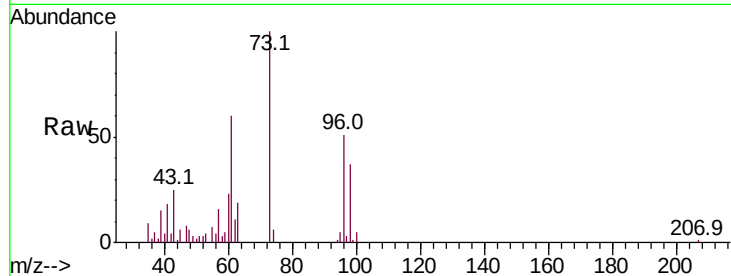
74 30.8 21.0 31.6





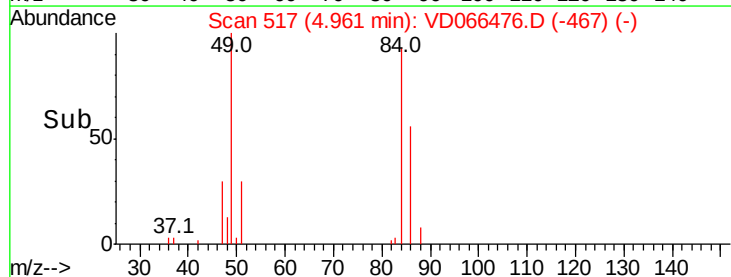
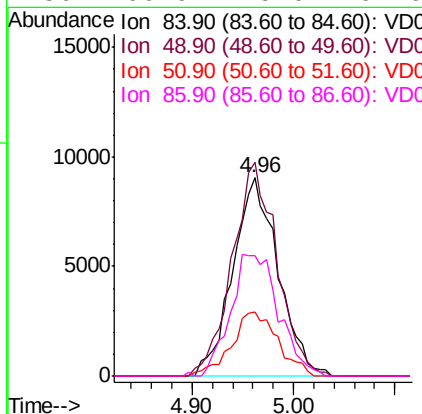
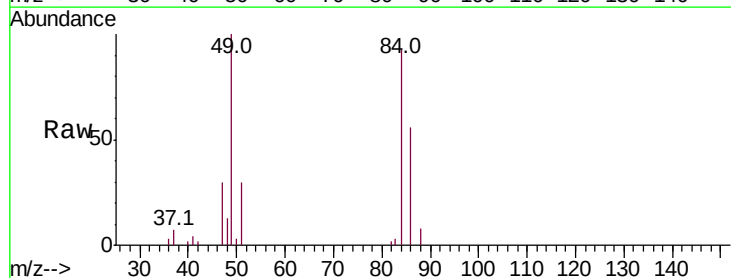
#19
Methyl tert-butyl Ether
Concen: 19.374 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

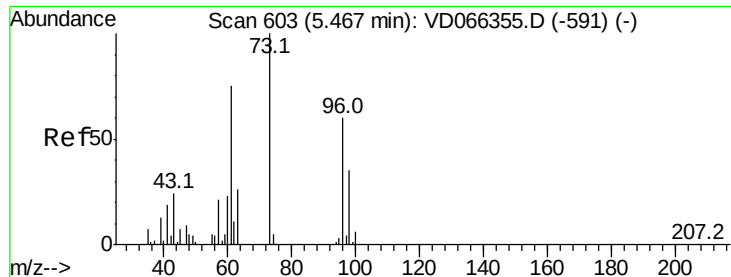
Tot Ion: 73 Resp: 59441
Ion Ratio Lower Upper
73 100
57 16.0 13.8 20.6



#20
Methylene Chloride
Concen: 14.523 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion: 84 Resp: 28078
Ion Ratio Lower Upper
84 100
49 108.0 92.5 138.7
51 32.3 32.5 48.7#
86 60.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 18.042 ug/l

RT: 5.47 min Scan# 603

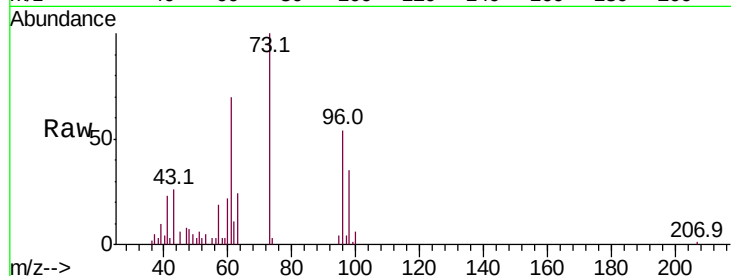
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tot Ion: 96 Resp: 26759

Ion	Ratio	Lower	Upper
96	100		
61	126.9	101.1	151.7
98	65.3	47.0	70.6

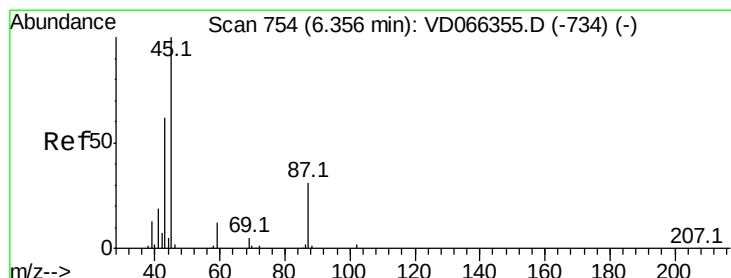
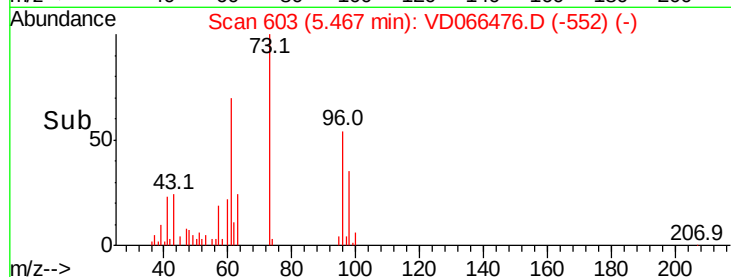
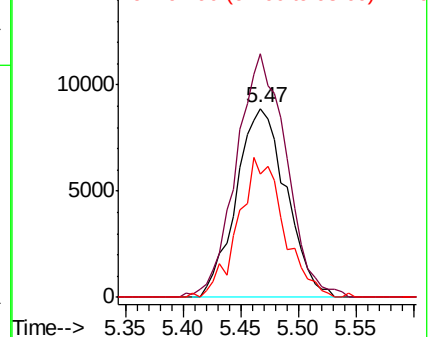


Abundance

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: 16.460 ug/l

RT: 6.36 min Scan# 754

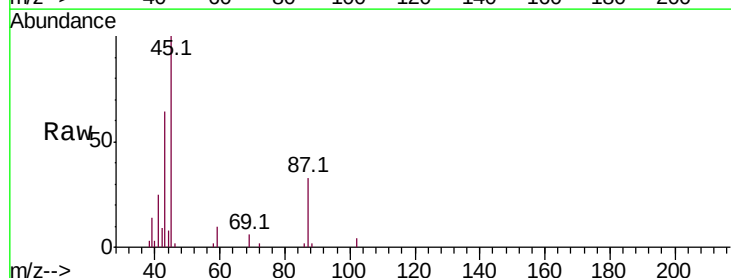
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tgt Ion: 45 Resp: 54197

Ion	Ratio	Lower	Upper
45	100		
43	64.1	49.8	74.8
87	33.2	25.0	37.6
59	9.5	9.6	14.4#



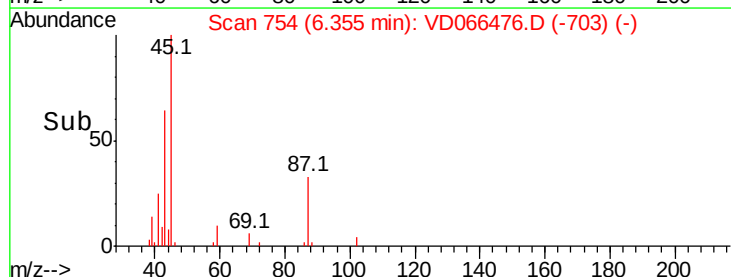
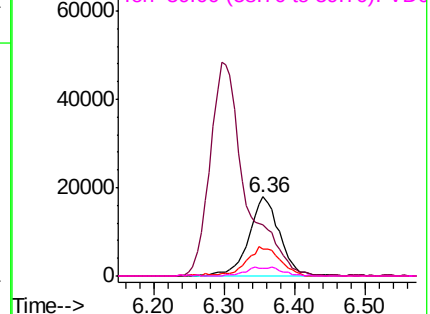
Abundance

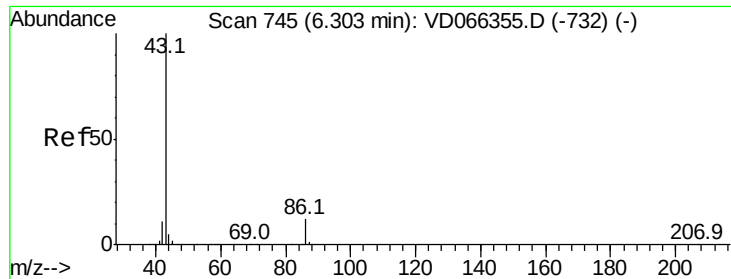
Ion 45.00 (44.70 to 45.70): VDC

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: 82.543 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066476.D

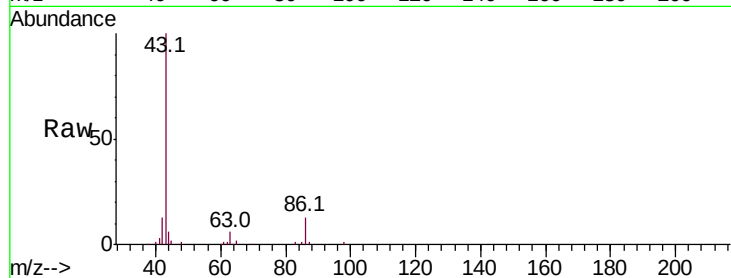
Acq: 31 Aug 2020 11:47

Tot Ion: 43 Resp: 168253

Ion Ratio Lower Upper

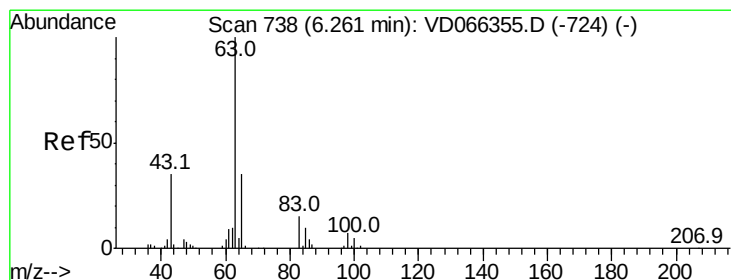
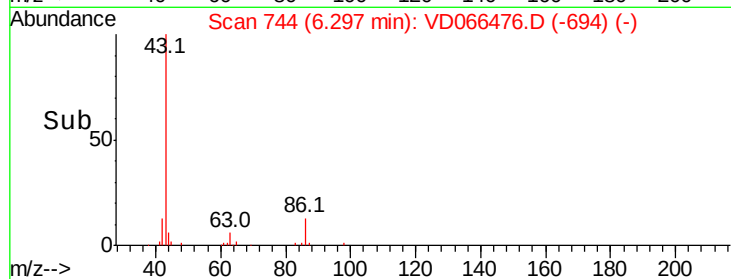
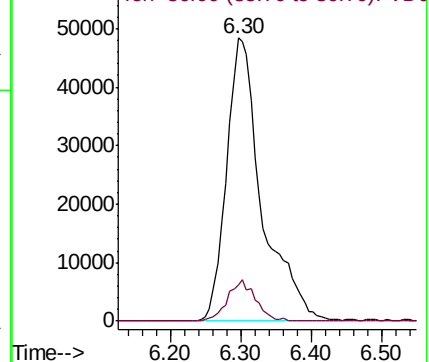
43 100

86 12.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 17.721 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

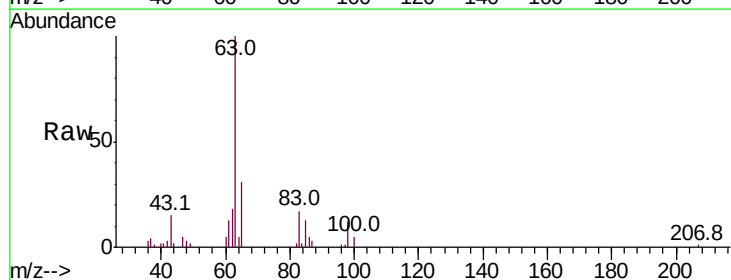
Tgt Ion: 63 Resp: 41234

Ion Ratio Lower Upper

63 100

98 12.3 3.5 10.6#

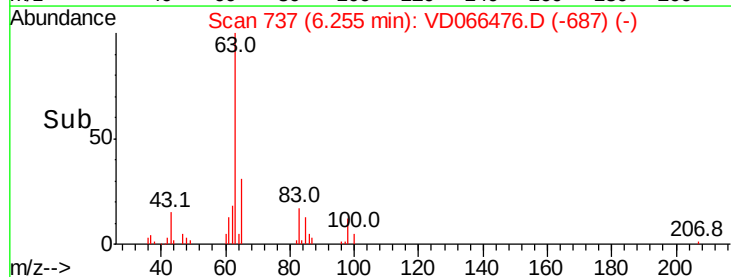
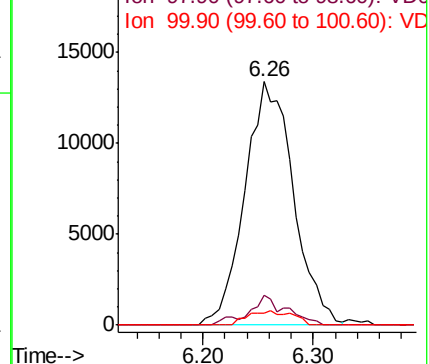
100 4.8 2.5 7.6

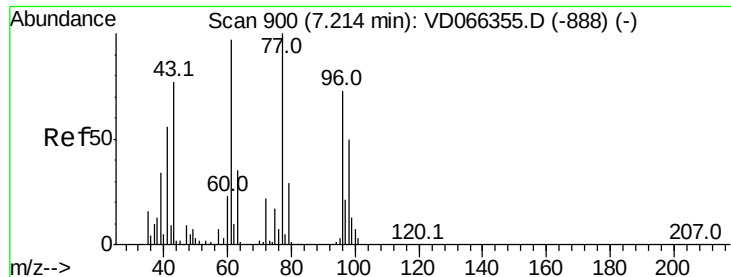


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 77.881 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066476.D

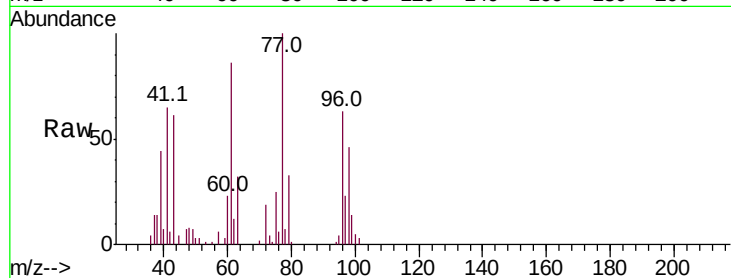
Acq: 31 Aug 2020 11:47

Tot Ion: 43 Resp: 24430

Ion Ratio Lower Upper

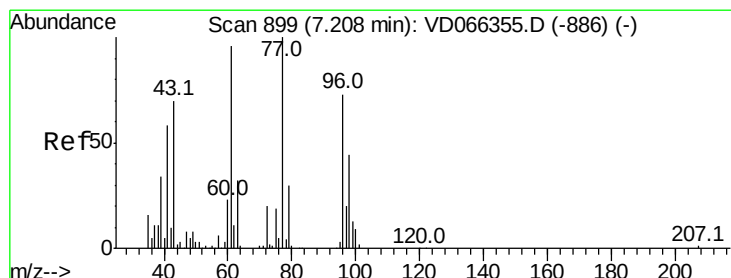
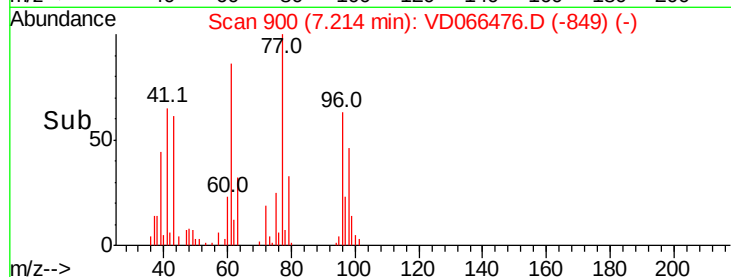
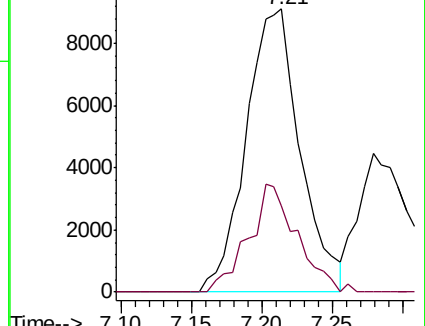
43 100

72 30.5 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: 22.883 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066476.D

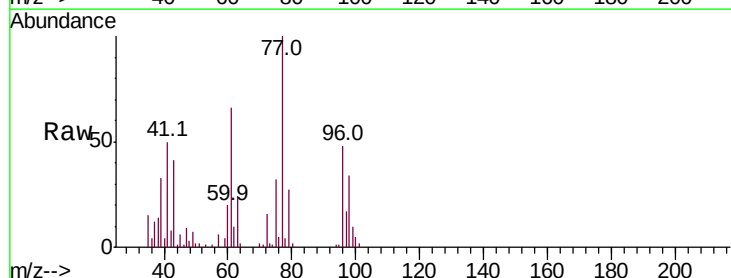
Acq: 31 Aug 2020 11:47

Tgt Ion: 77 Resp: 57069

Ion Ratio Lower Upper

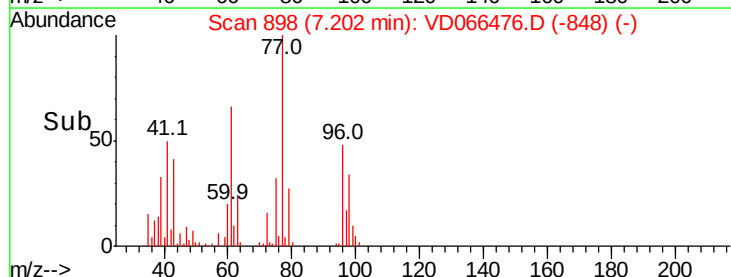
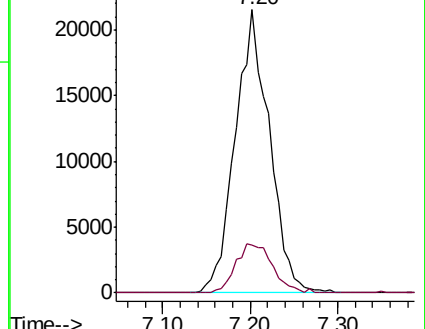
77 100

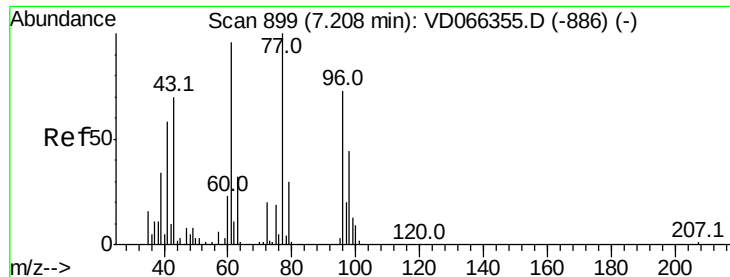
97 18.5 10.7 31.9



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: 18.486 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

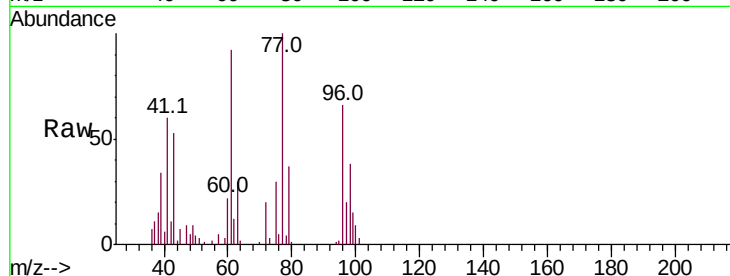
Tot Ion: 96 Resp: 29379

Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	281.4
98	67.2	0.0	132.2

96 100

61 141.5 0.0 281.4

98 67.2 0.0 132.2

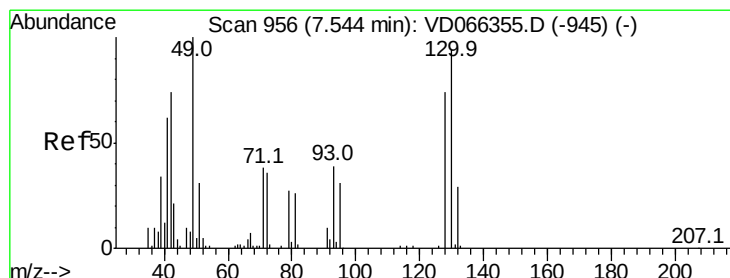
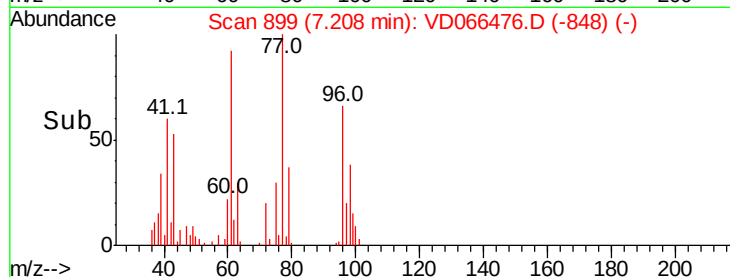
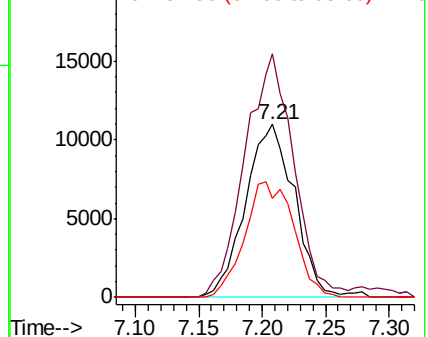


Abundance

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



#28

Bromochloromethane

Concen: 15.684 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

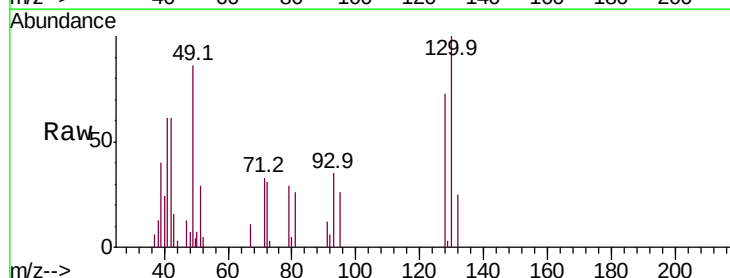
Tgt Ion: 49 Resp: 12571

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.0
130	109.8	82.6	124.0

49 100

129 1.3 0.0 3.0

130 109.8 82.6 124.0

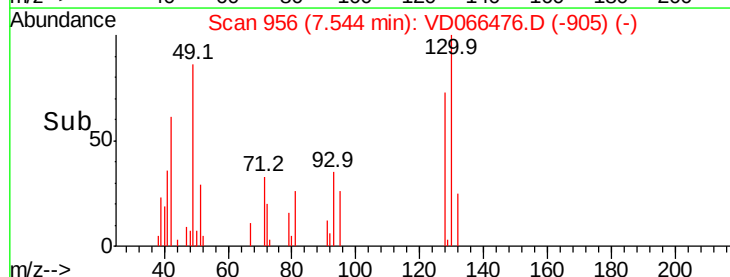
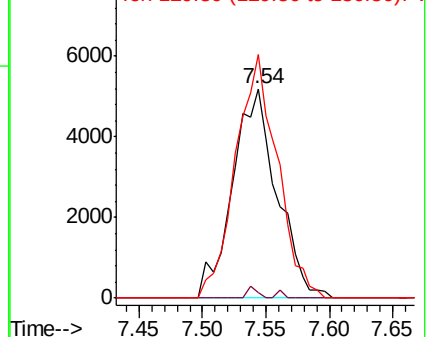


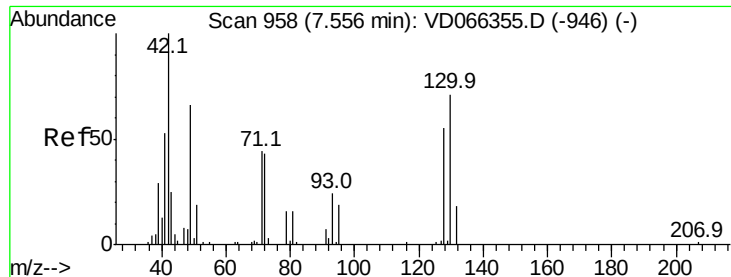
Abundance

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





#29

Tetrahydrofuran

Concen: 75.462 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

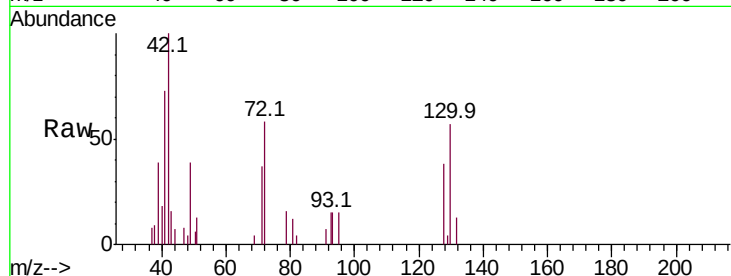
Tot Ion: 42 Resp: 13445

Ion Ratio Lower Upper

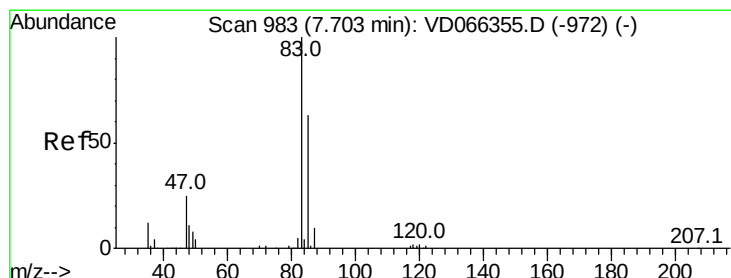
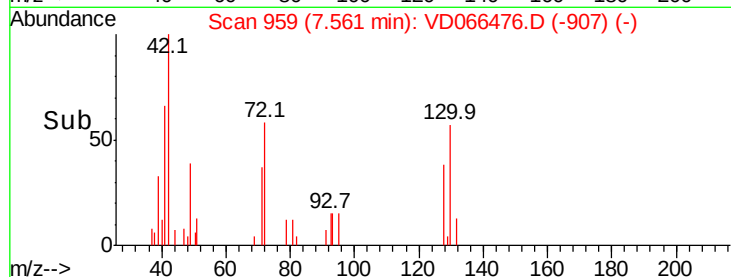
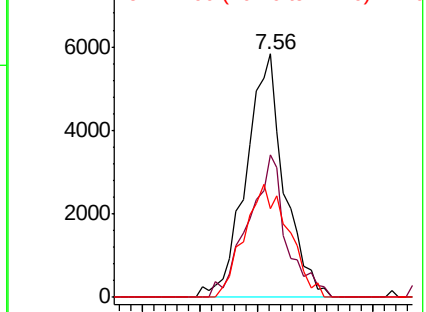
42 100

72 58.2 41.0 61.4

71 53.8 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: 20.475 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.00 min

Lab File: VD066476.D

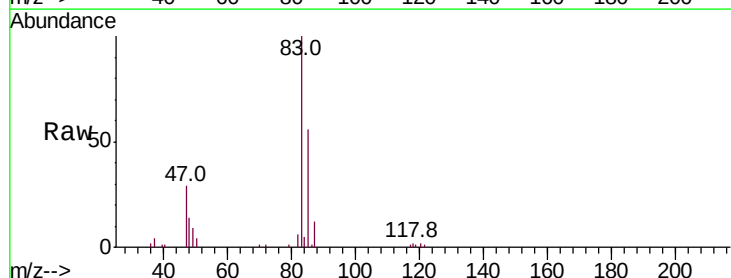
Acq: 31 Aug 2020 11:47

Tgt Ion: 83 Resp: 55122

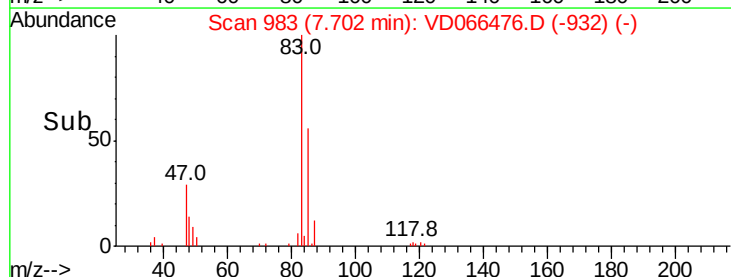
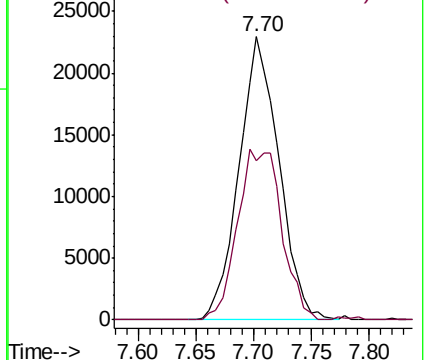
Ion Ratio Lower Upper

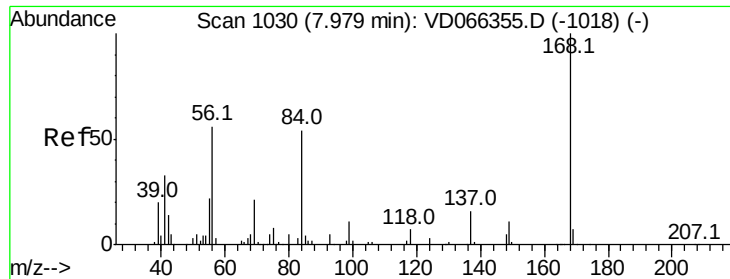
83 100

85 56.4 50.3 75.5



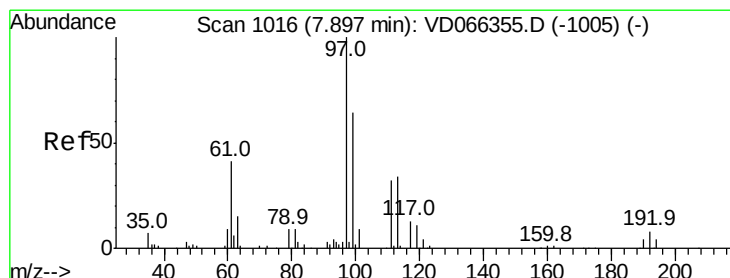
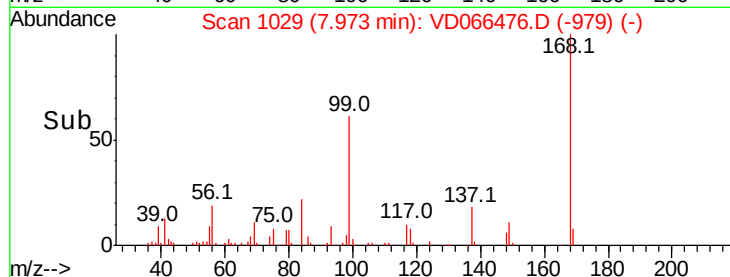
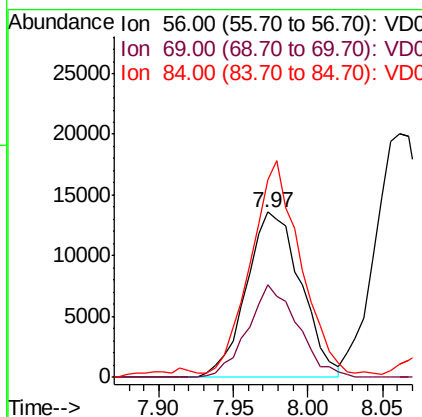
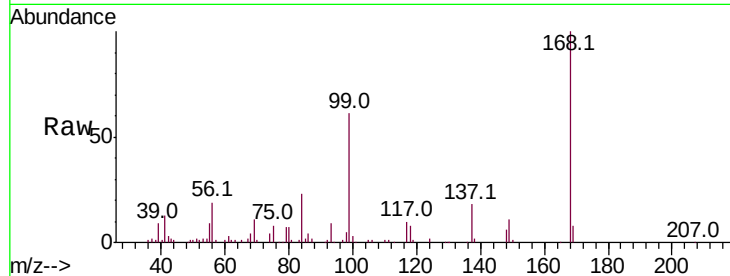
Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





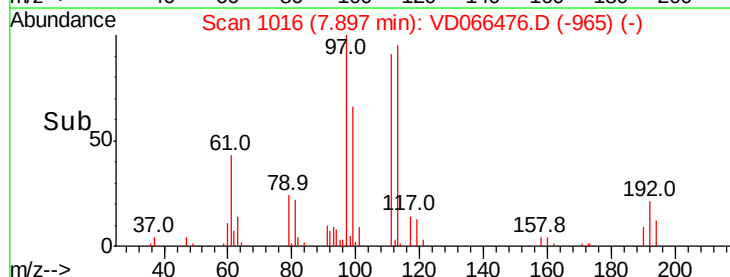
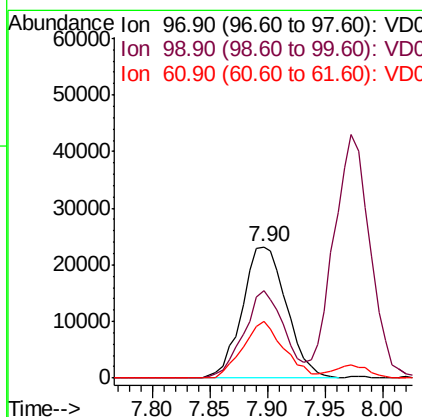
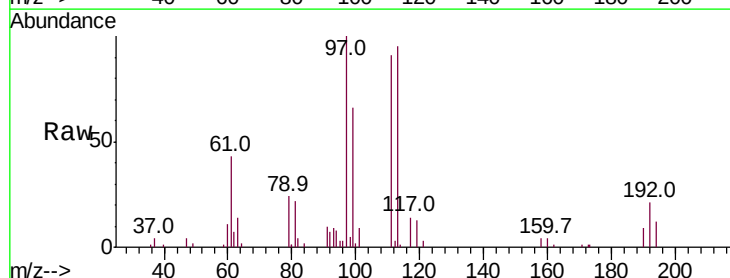
#31
Cyclohexane
Concen: 16.202 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

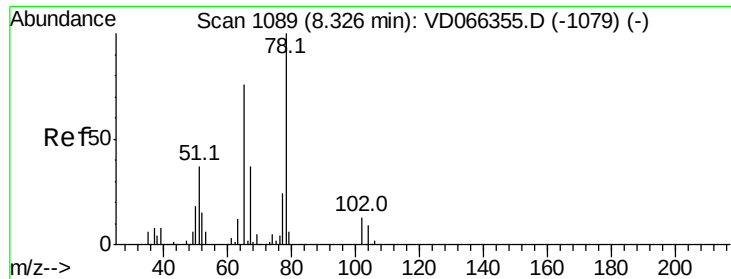
Tot Ion: 56 Resp: 34479
Ion Ratio Lower Upper
56 100
69 55.9 29.6 44.4#
84 115.7 76.6 115.0#



#32
1,1,1-Trichloroethane
Concen: 22.487 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

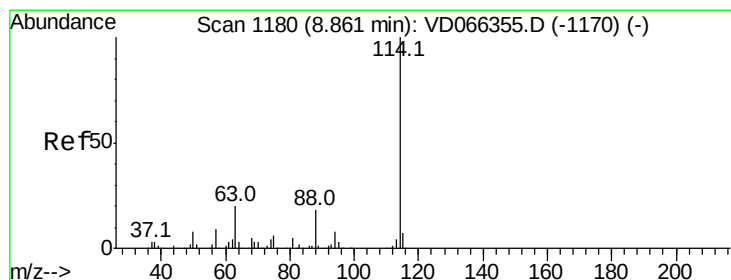
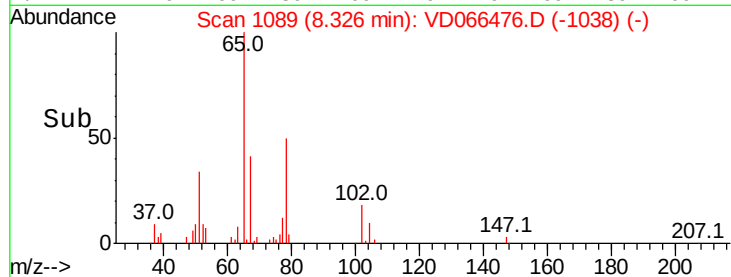
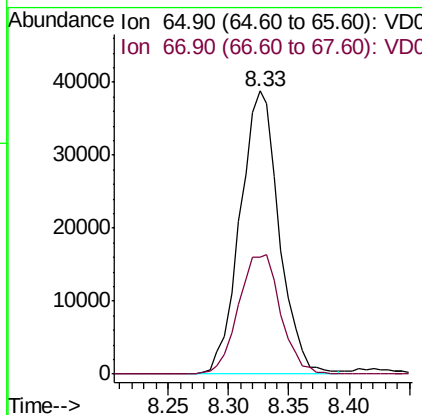
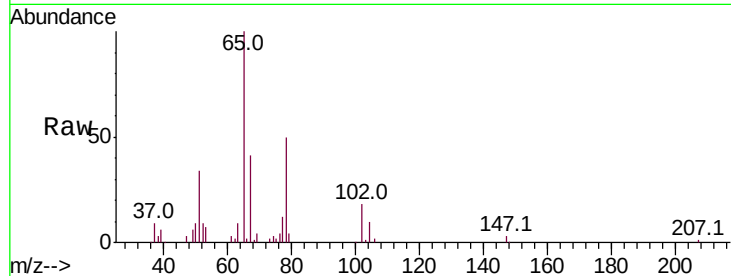
Tgt Ion: 97 Resp: 61960
Ion Ratio Lower Upper
97 100
99 60.7 51.5 77.3
61 40.1 33.3 49.9





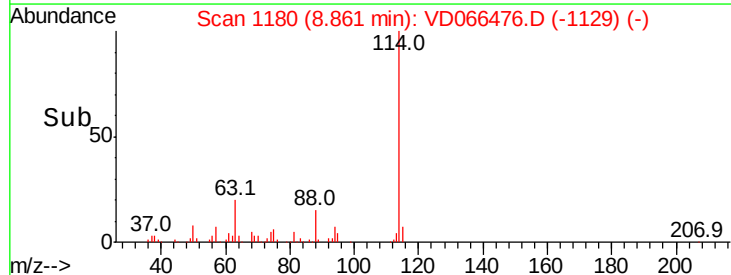
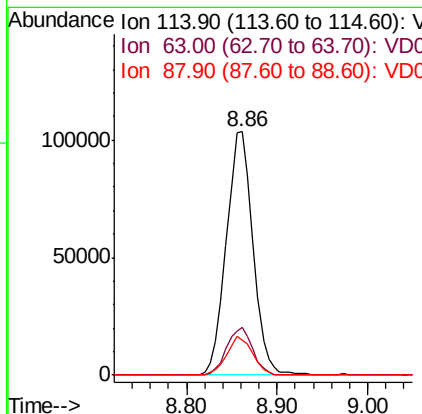
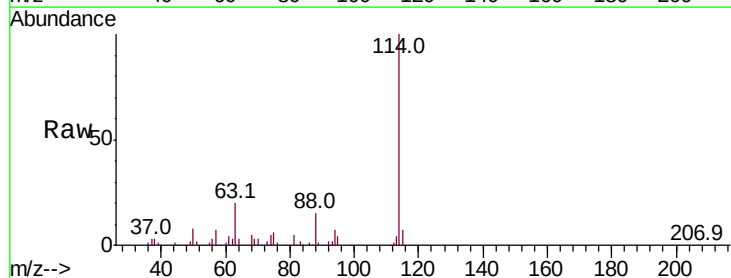
#33
 1,2-Dichloroethane-d4
 Concen: 56.983 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

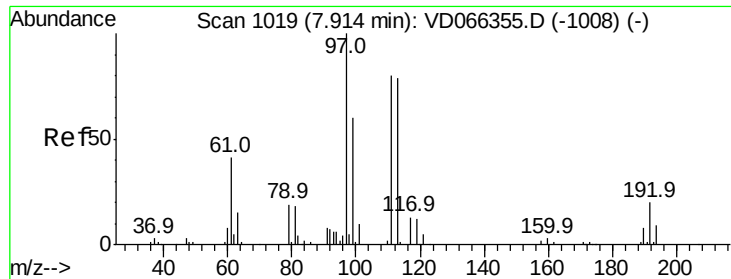
Tot Ion: 65 Resp: 87335
 Ion Ratio Lower Upper
 65 100
 67 45.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

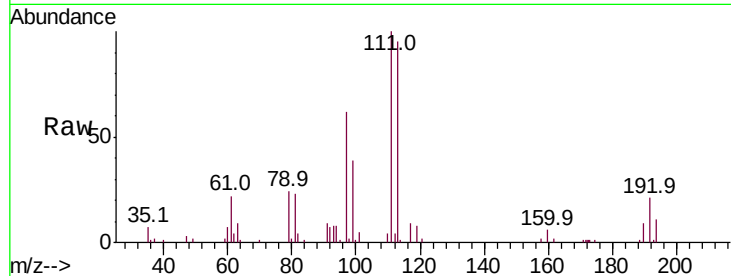
Tgt Ion: 114 Resp: 212915
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 14.5 0.0 35.4



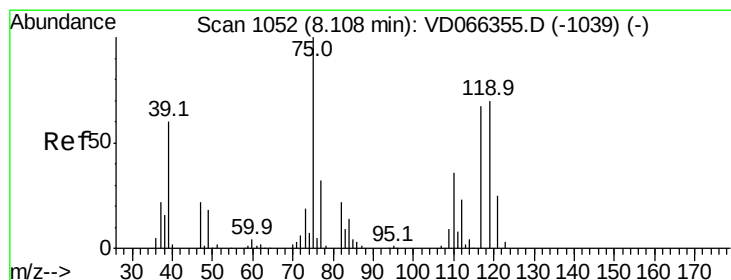
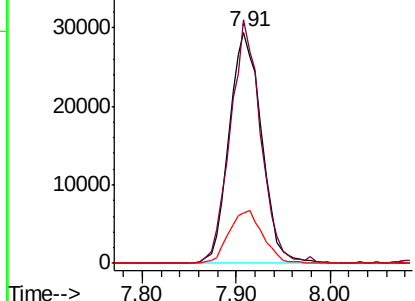
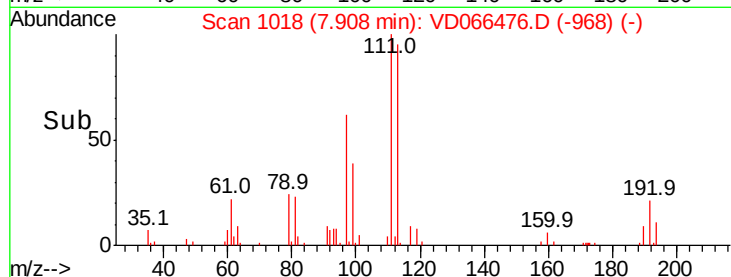


#35
 Dibromofluoromethane
 Concen: 52.867 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.3	80.3	120.5
192	23.8	19.0	28.6

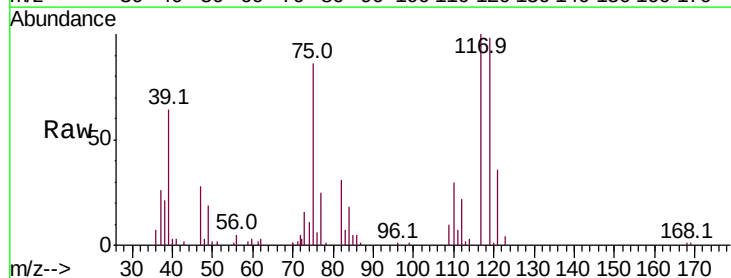


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

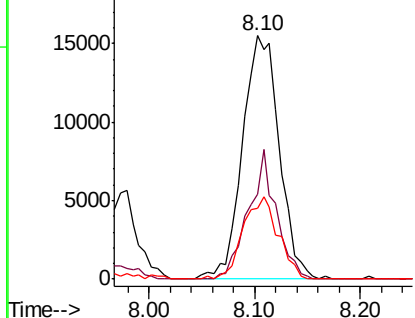
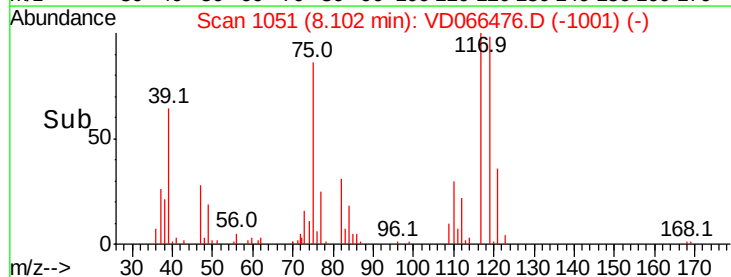


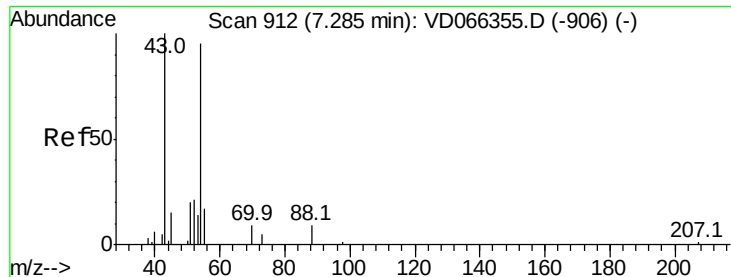
#36
 1,1-Dichloropropene
 Concen: 19.291 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	18.7	56.1
77	32.4	25.2	37.8



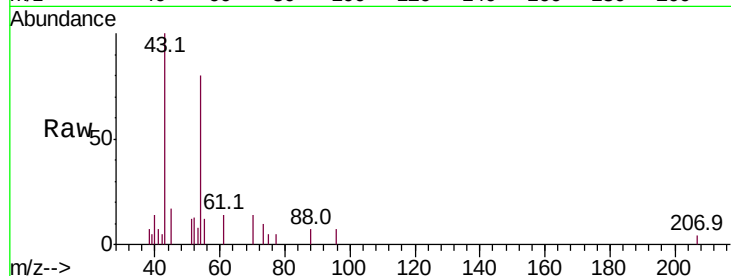
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



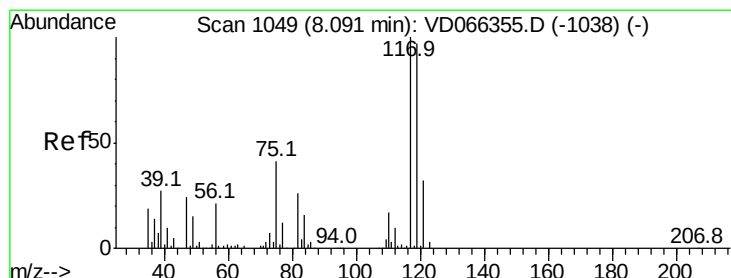
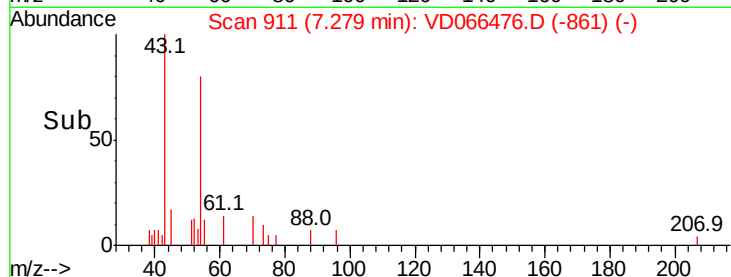
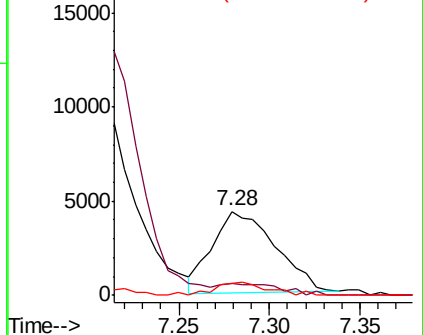


#37
Ethyl Acetate
Concen: 15.657 ug/l
RT: 7.28 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tot Ion	43	Resp	10345
Ion Ratio	100		
Lower		13.3	19.9#
Upper		3.5	5.3#

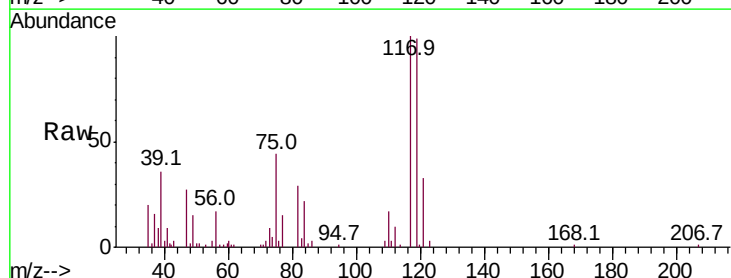


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

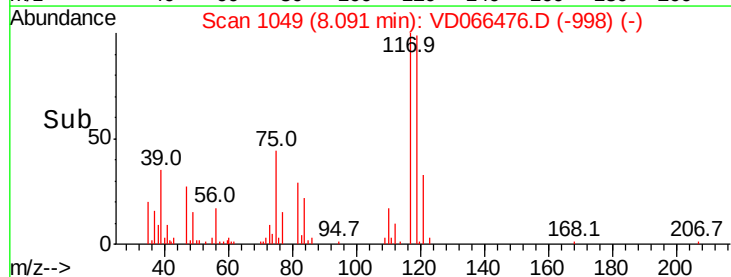
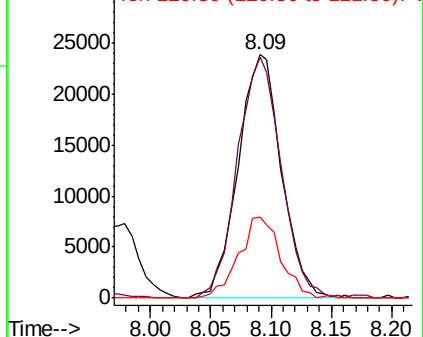


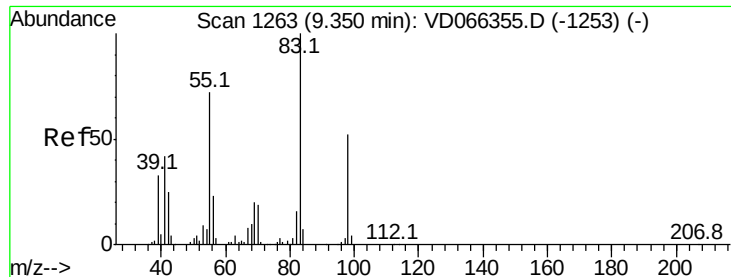
#38
Carbon Tetrachloride
Concen: 23.515 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion	117	Resp	59518
Ion Ratio	100		
Lower		77.2	115.8
Upper		25.8	38.8



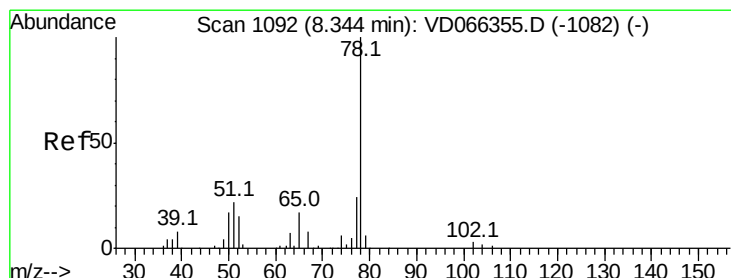
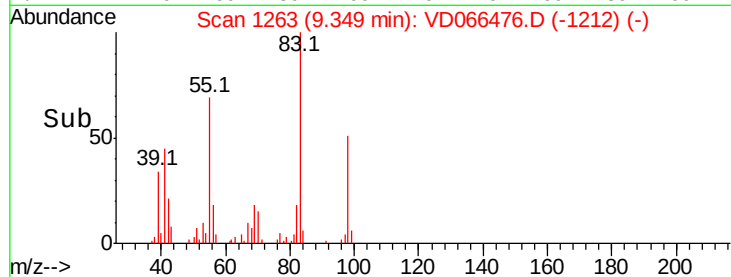
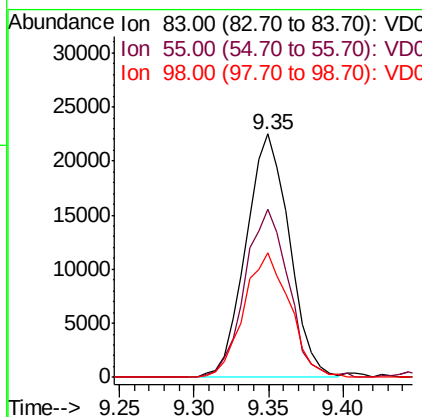
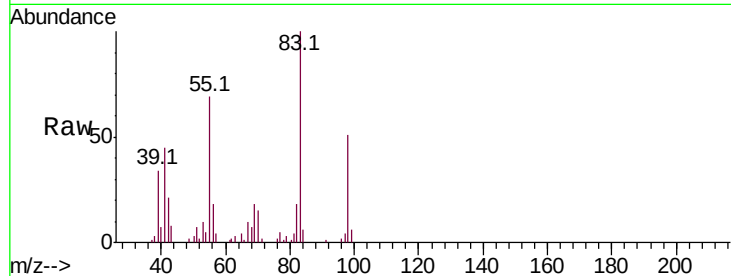
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





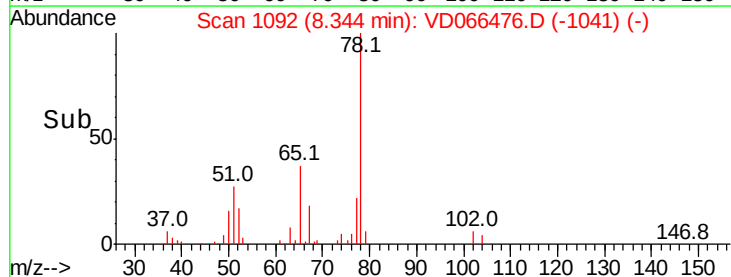
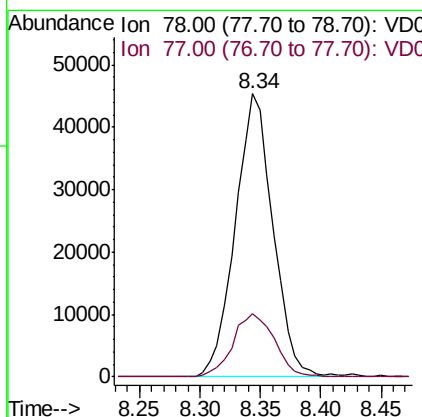
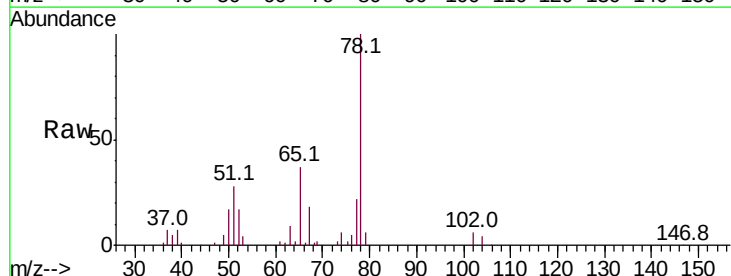
#39
Methylvlcyclohexane
Concen: 19.813 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

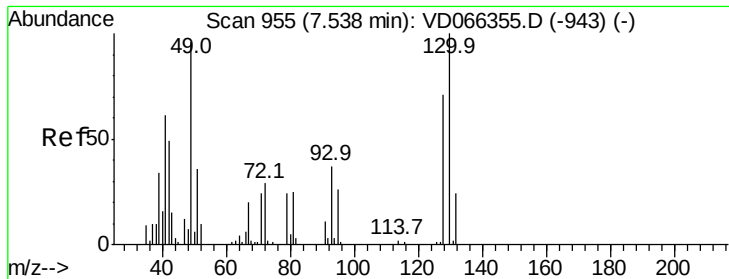
Tot Ion	83	Resp	45341
Ion Ratio	Lower	Upper	
83	100		
55	69.1	58.0	87.0
98	51.2	41.9	62.9



#40
Benzene
Concen: 19.328 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

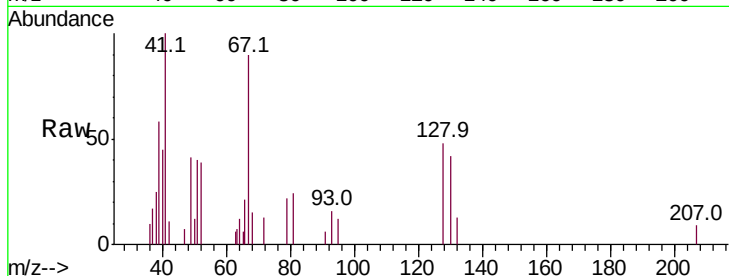
Tgt Ion	78	Resp	98781
Ion Ratio	Lower	Upper	
78	100		
77	22.2	18.8	28.2



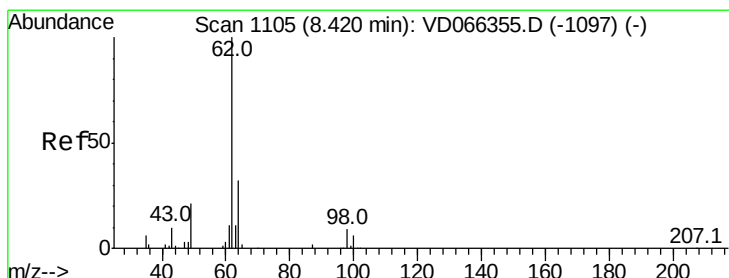
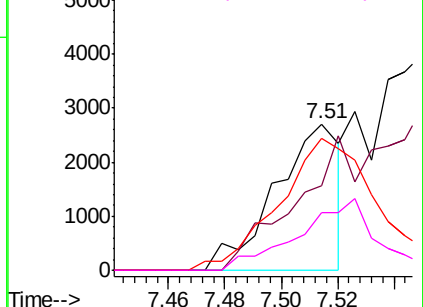
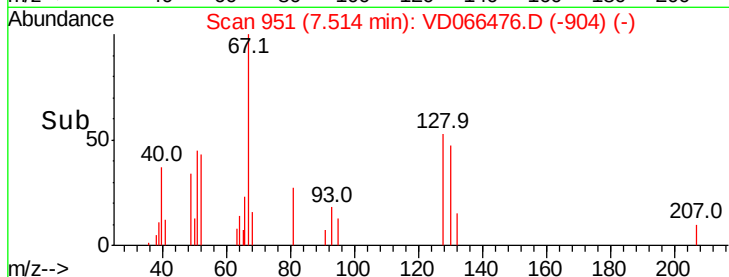


#41
Methacrylonitrile
Concen: 10.617 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.02 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tot Ion: 41 Resp: 4326
Ion Ratio Lower Upper
41 100
39 83.9 51.8 77.8#
67 131.8 0.0 0.0#
52 60.5 0.0 0.0#

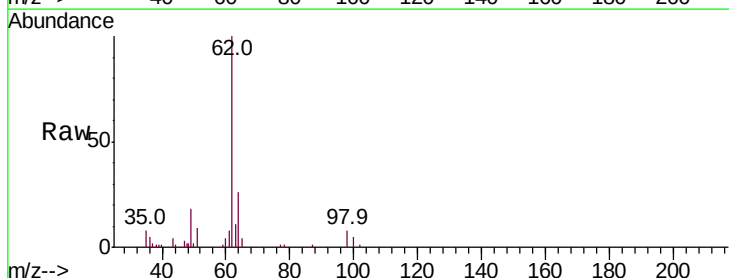


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

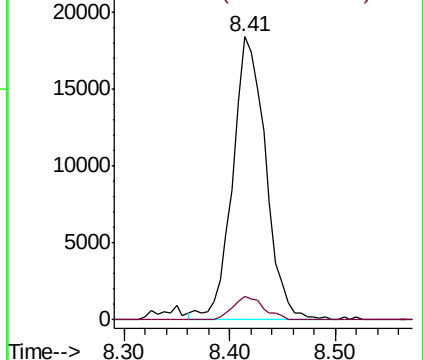
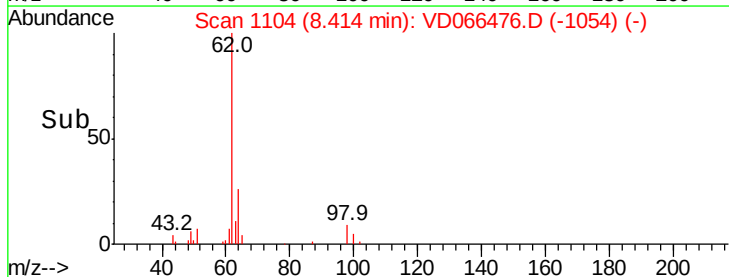


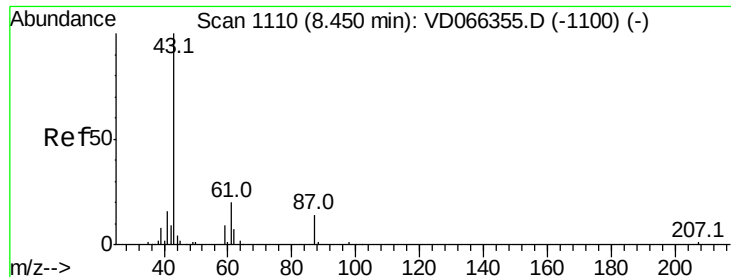
#42
1,2-Dichloroethane
Concen: 22.180 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion: 62 Resp: 39924
Ion Ratio Lower Upper
62 100
98 7.6 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: 17.215 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

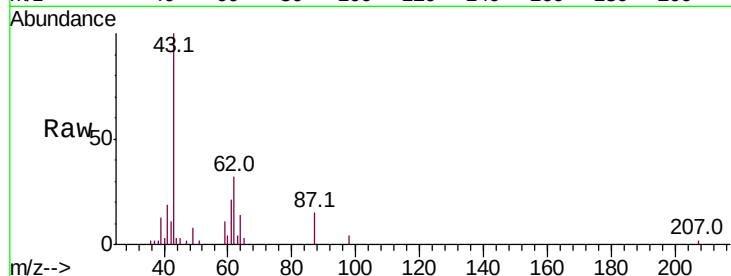
Tot Ion: 43 Resp: 22831

Ion Ratio Lower Upper

43 100

61 34.9 26.5 39.7

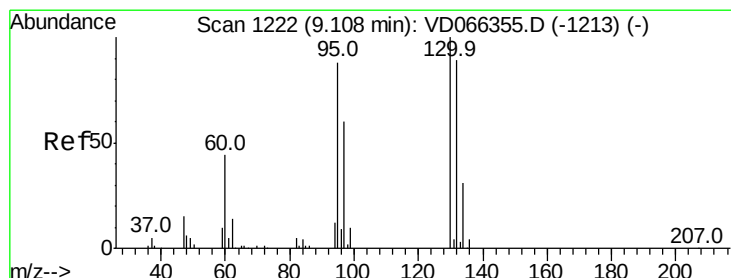
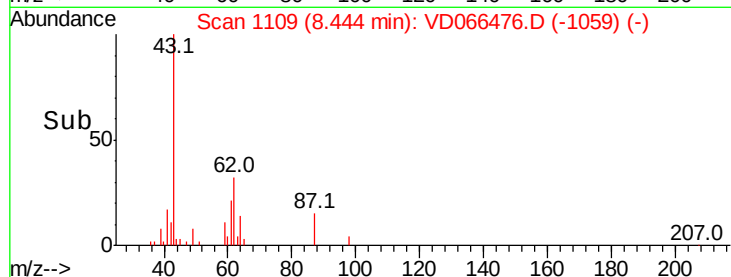
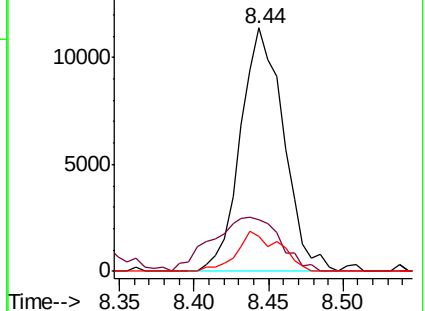
87 16.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.597 ug/l

RT: 9.10 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VD066476.D

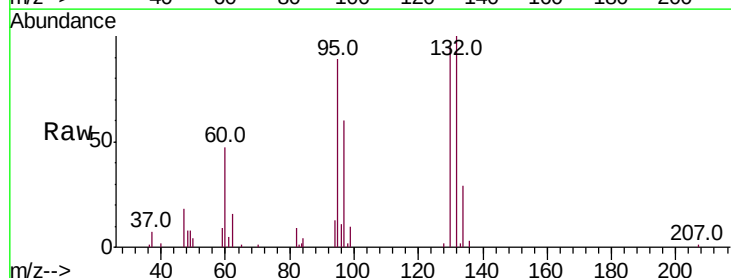
Acq: 31 Aug 2020 11:47

Tgt Ion: 130 Resp: 32543

Ion Ratio Lower Upper

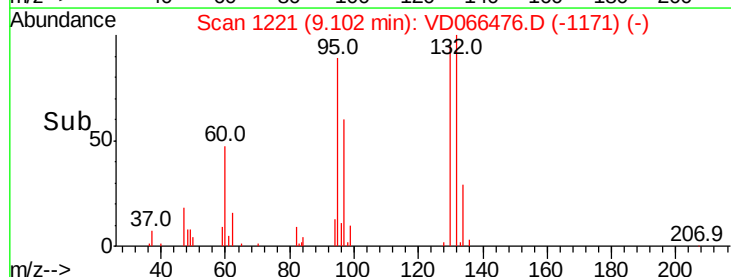
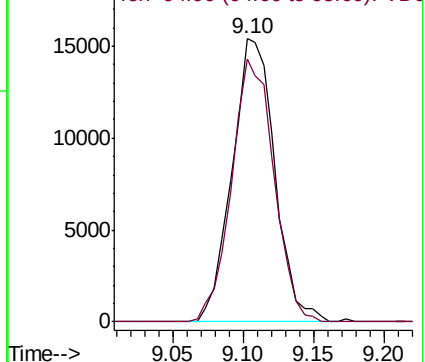
130 100

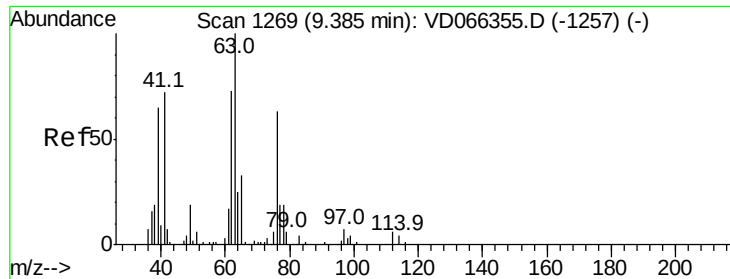
95 92.9 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 17.336 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066476.D

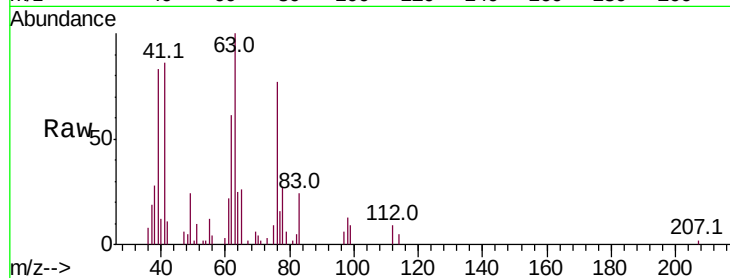
Acq: 31 Aug 2020 11:47

Tot Ion: 63 Resp: 20086

Ion Ratio Lower Upper

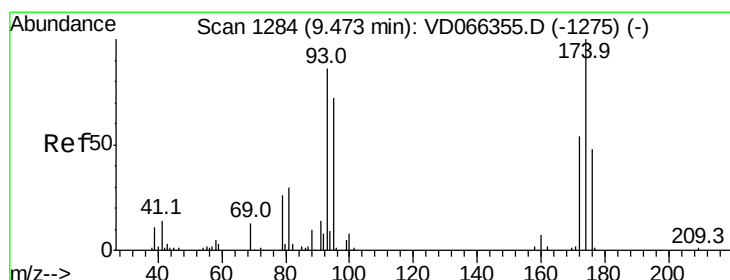
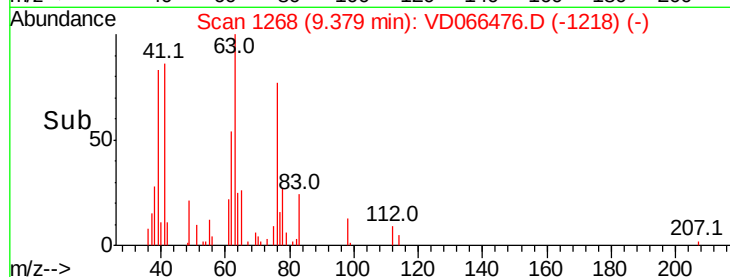
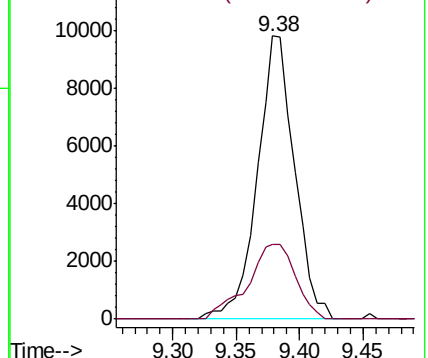
63 100

65 26.5 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.155 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

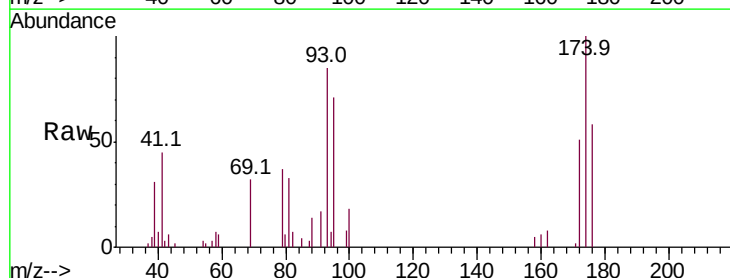
Tgt Ion: 93 Resp: 13818

Ion Ratio Lower Upper

93 100

95 81.5 66.0 99.0

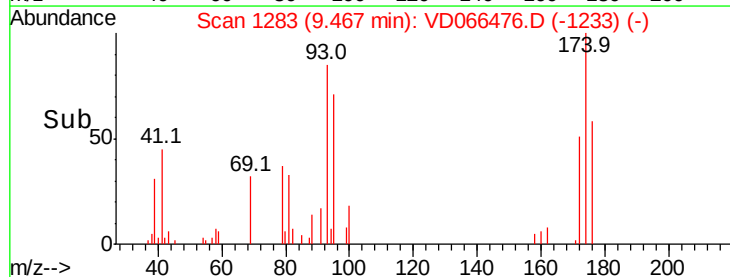
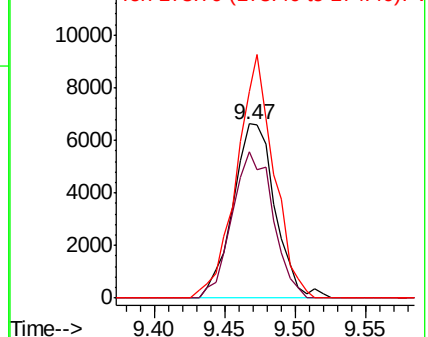
174 123.3 94.6 141.8

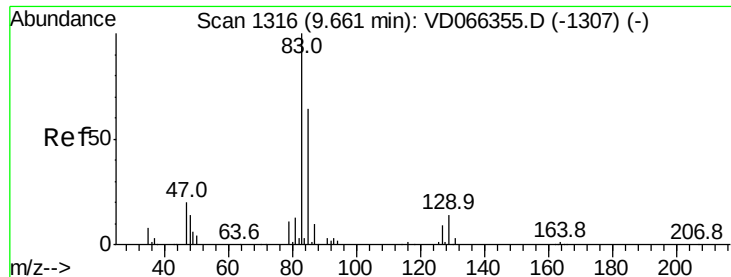


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.800 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

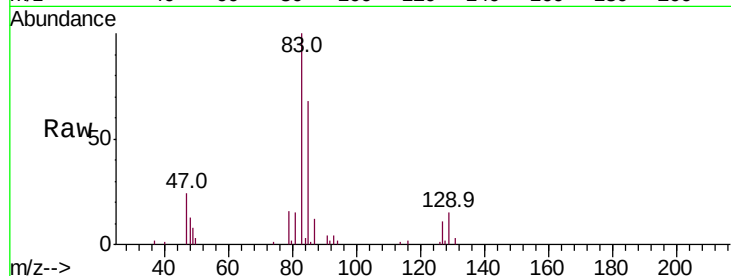
Tot Ion: 83 Resp: 41263

Ion Ratio Lower Upper

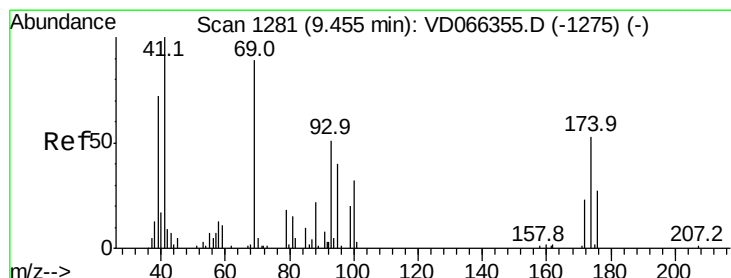
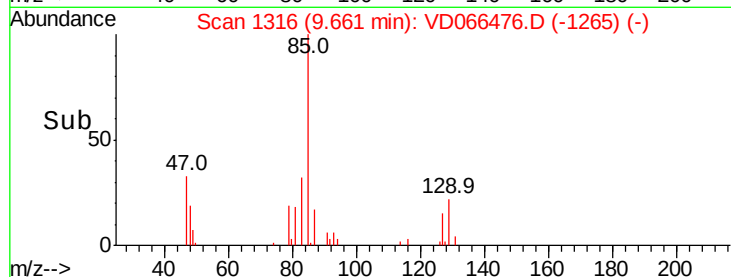
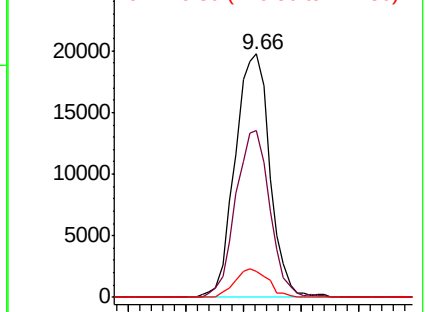
83 100

85 68.4 51.4 77.0

127 10.5 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: 18.085 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

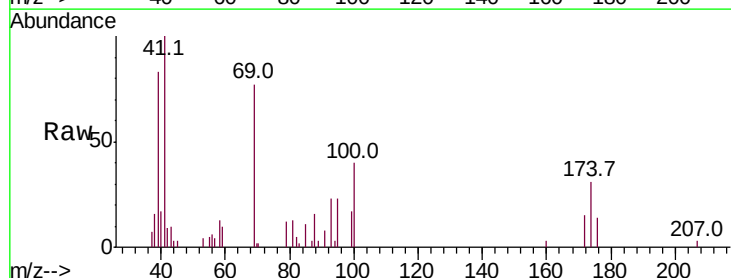
Tgt Ion: 41 Resp: 12368

Ion Ratio Lower Upper

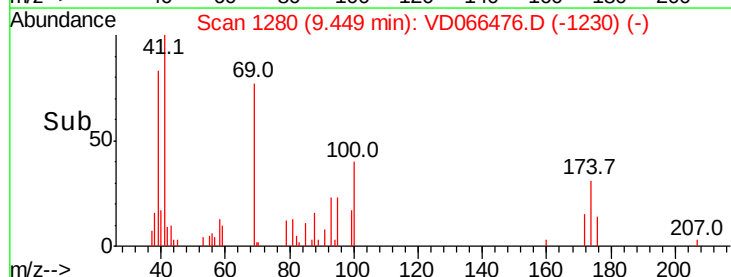
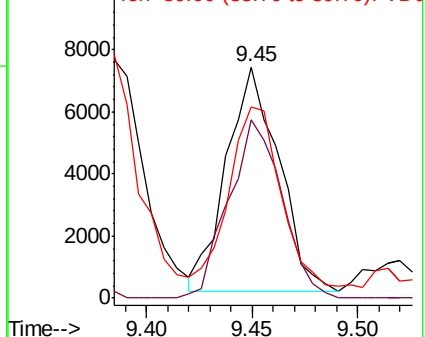
41 100

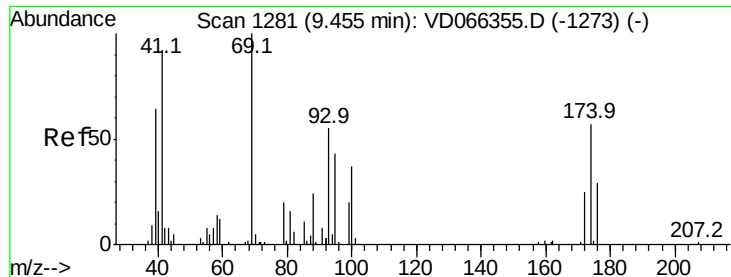
69 81.5 75.5 113.3

39 91.4 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: 369.970 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

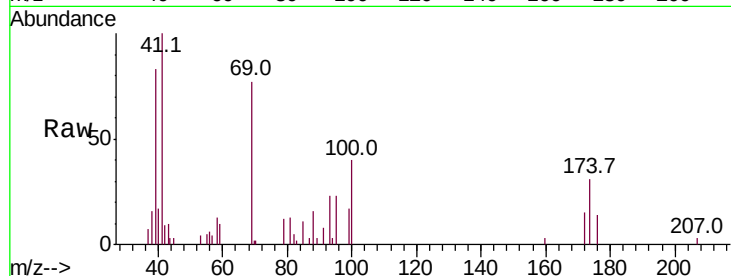
Tot Ion: 88 Resp: 3099

Ion Ratio Lower Upper

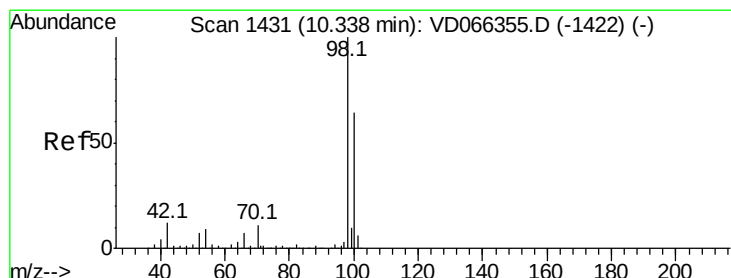
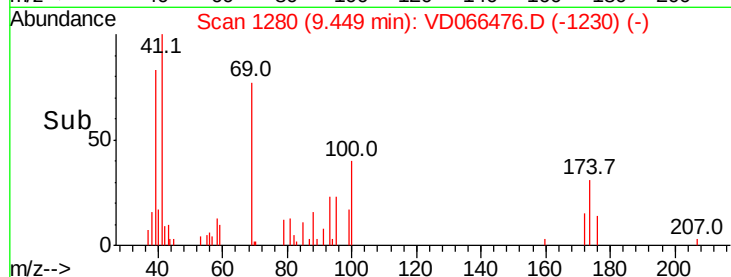
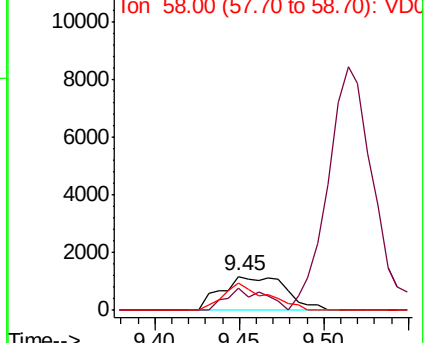
88 100

43 39.0 29.4 44.0

58 54.5 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: 52.720 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066476.D

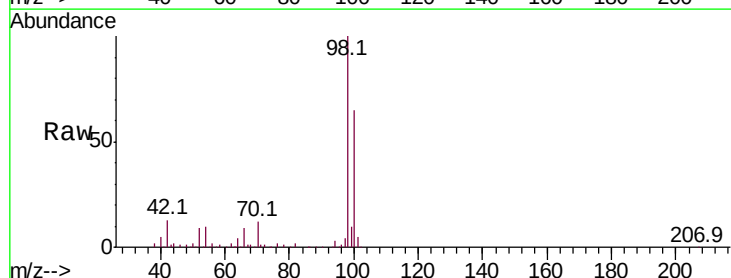
Acq: 31 Aug 2020 11:47

Tgt Ion: 98 Resp: 256818

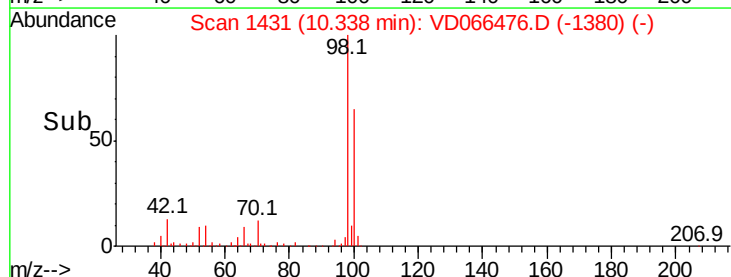
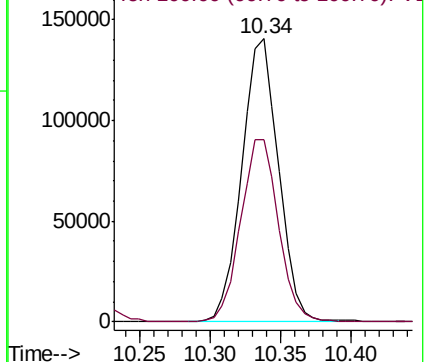
Ion Ratio Lower Upper

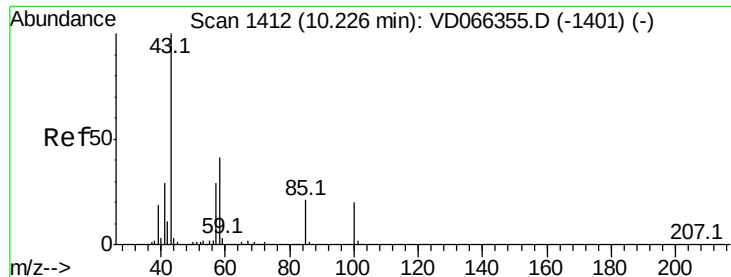
98 100

100 66.5 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: 86.803 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066476.D

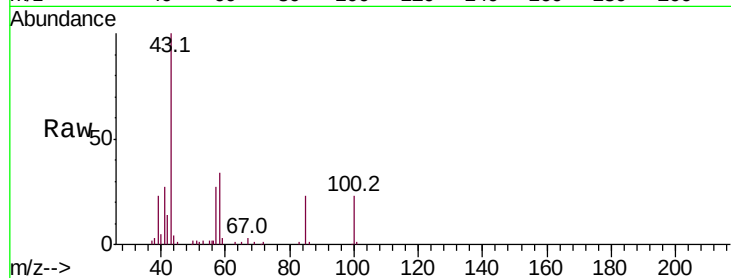
Acq: 31 Aug 2020 11:47

Tot Ion: 43 Resp: 55690

Ion Ratio Lower Upper

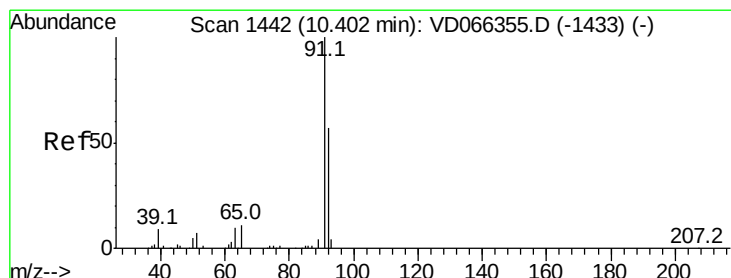
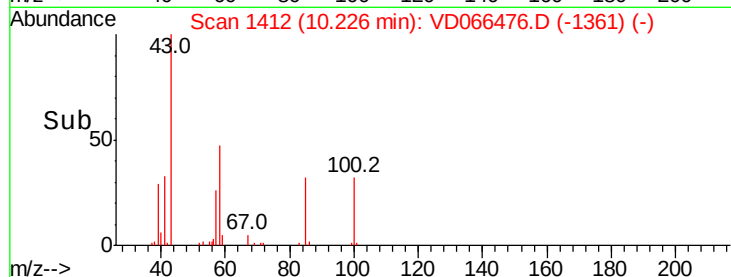
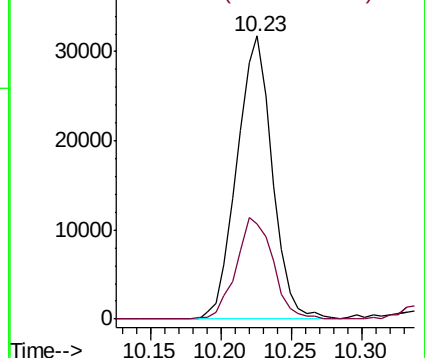
43 100

58 37.3 31.4 47.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.432 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066476.D

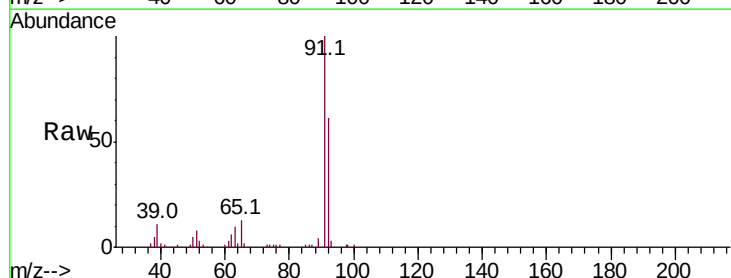
Acq: 31 Aug 2020 11:47

Tgt Ion: 92 Resp: 70744

Ion Ratio Lower Upper

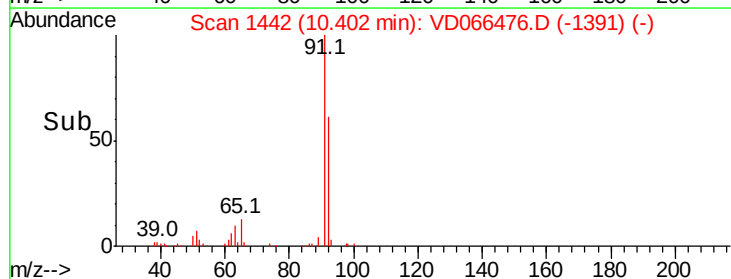
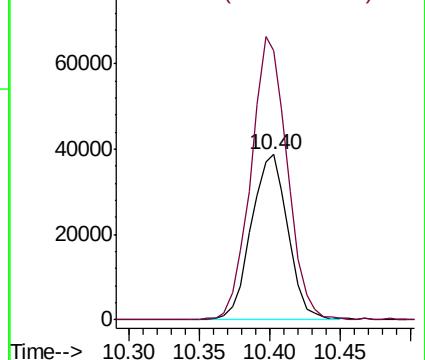
92 100

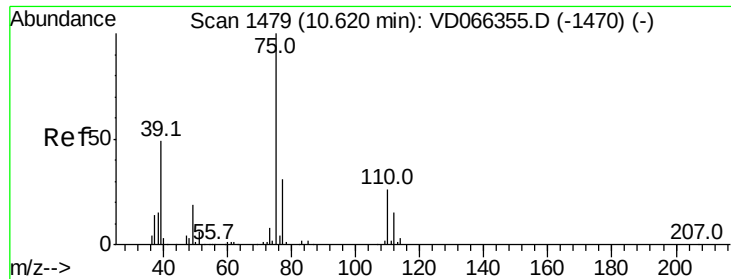
91 169.7 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

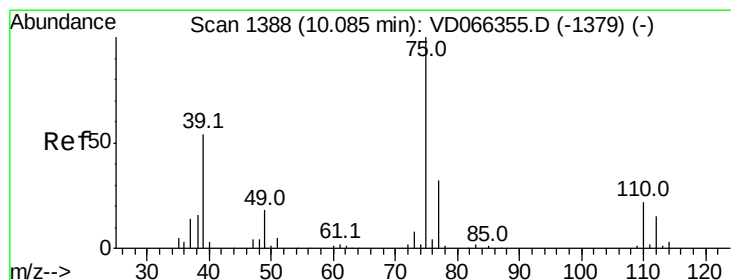
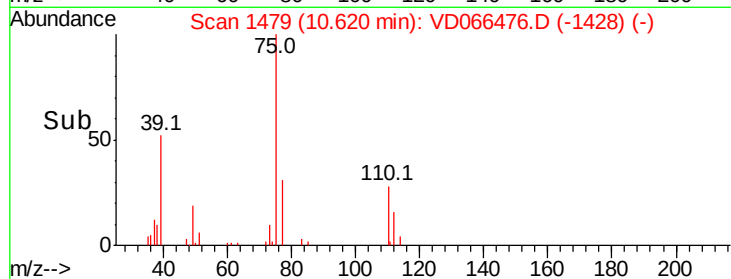
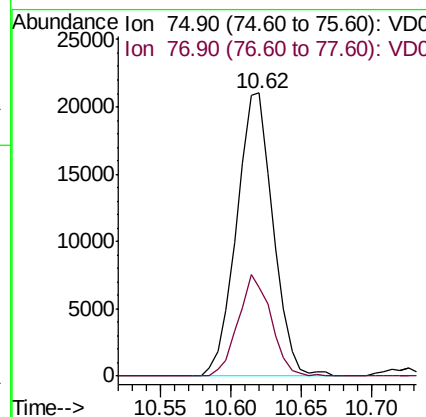
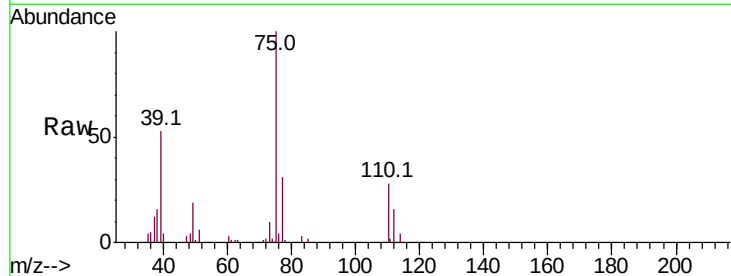
Ion 91.00 (90.70 to 91.70): VDC





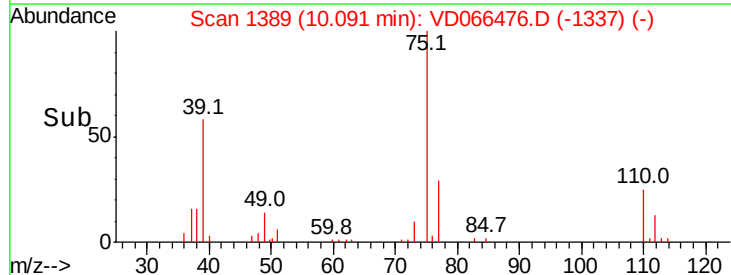
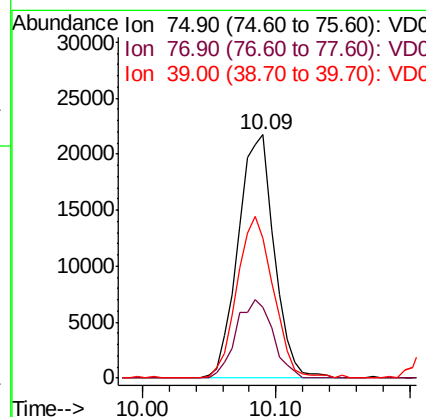
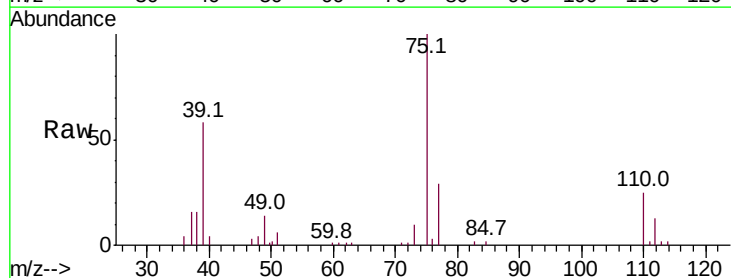
#53
 t-1,3-Dichloropropene
 Concen: 20.194 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

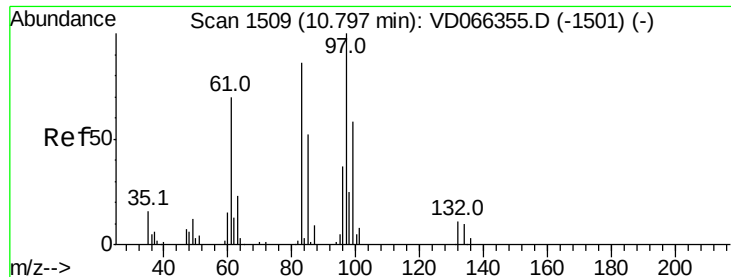
Tot Ion: 75 Resp: 38014
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.225 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

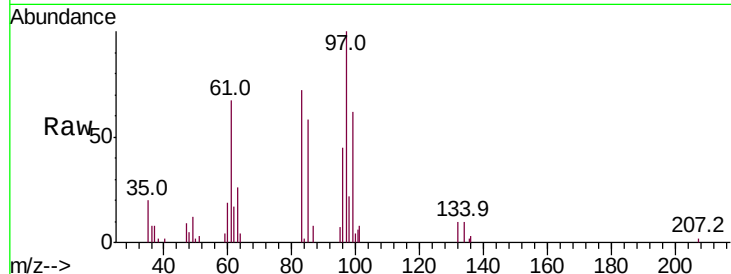
Tgt Ion: 75 Resp: 40621
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.6 38.4
 39 57.7 43.4 65.0





#55
 1,1,2-Trichloroethane
 Concen: 18.720 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

Tot Ion:	97	Resp:	18282
Ion	Ratio	Lower	Upper
97	100		
83	72.2	68.4	102.6
85	58.5	41.3	61.9
99	61.9	46.1	69.1



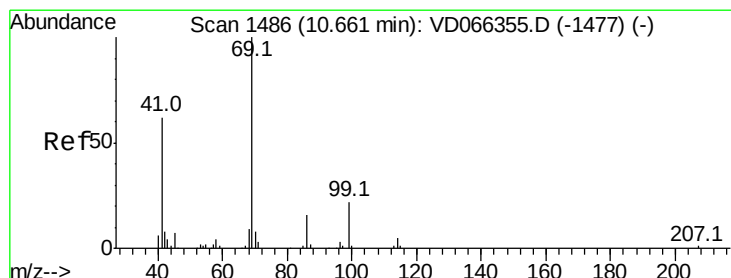
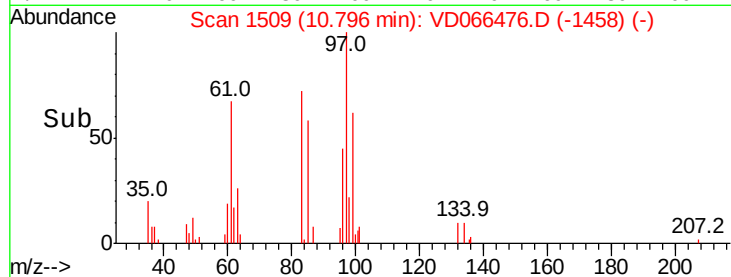
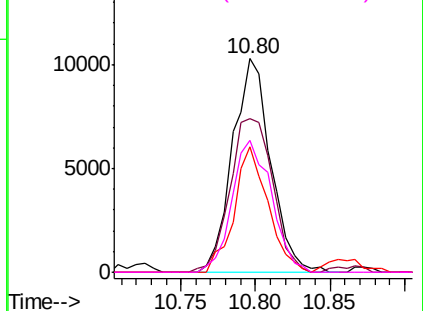
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

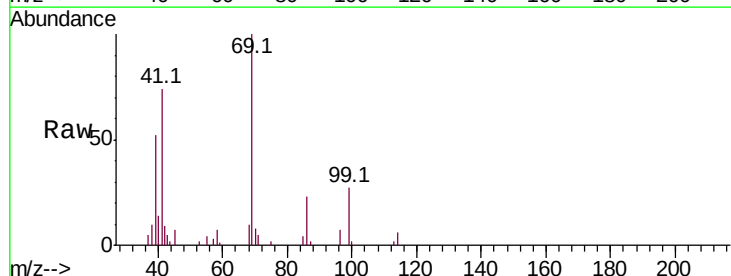
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 17.579 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

Tgt Ion:	69	Resp:	19873
Ion	Ratio	Lower	Upper
69	100		
41	69.5	50.8	76.2
39	56.4	32.9	49.3#

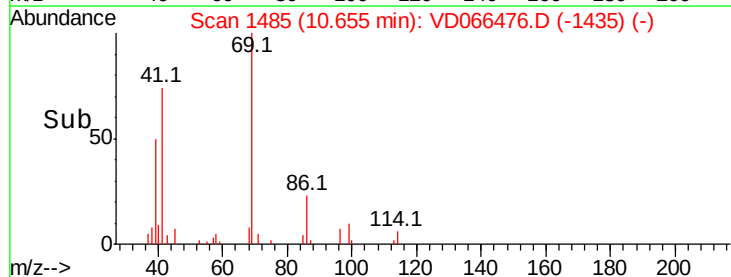
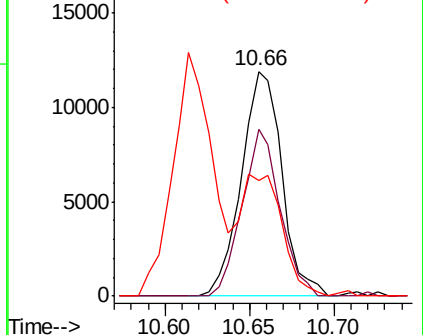


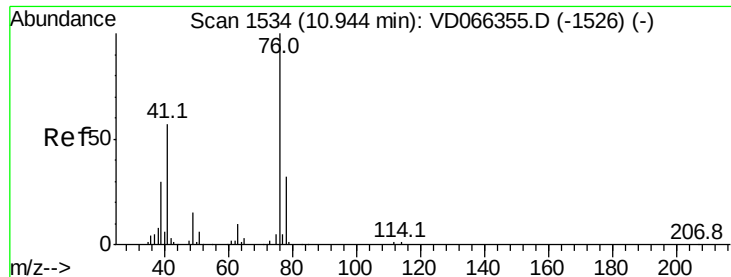
Abundance

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: 19.134 ug/l

RT: 10.94 min Scan# 1534

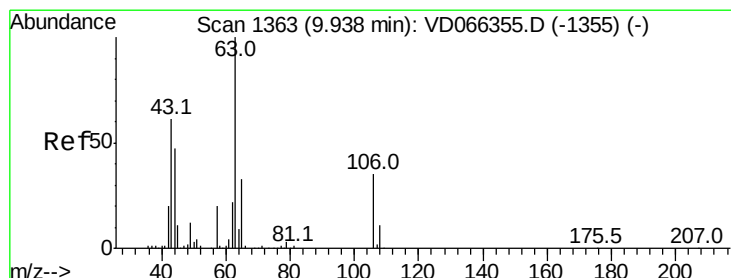
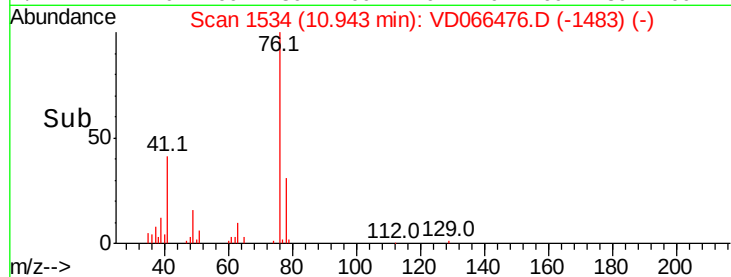
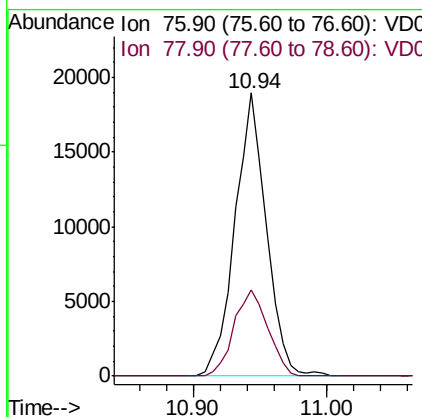
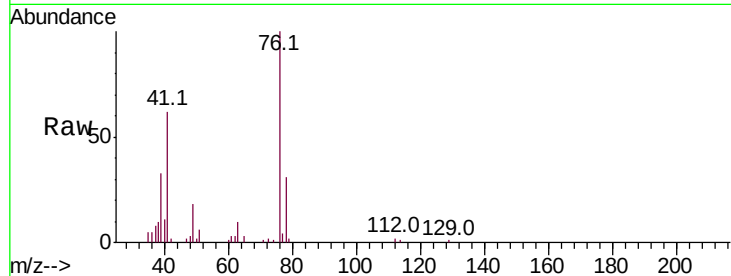
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tot Ion: 76 Resp: 30909

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.6	38.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.422 ug/l

RT: 9.94 min Scan# 1363

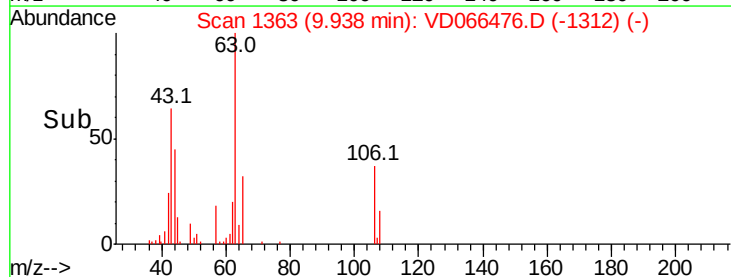
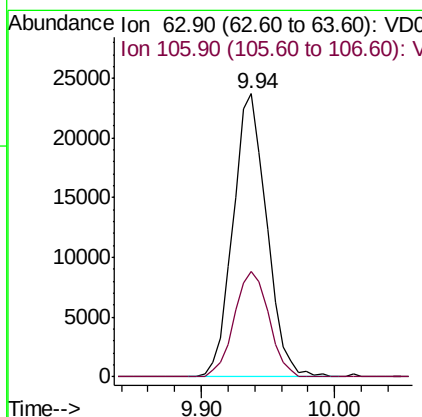
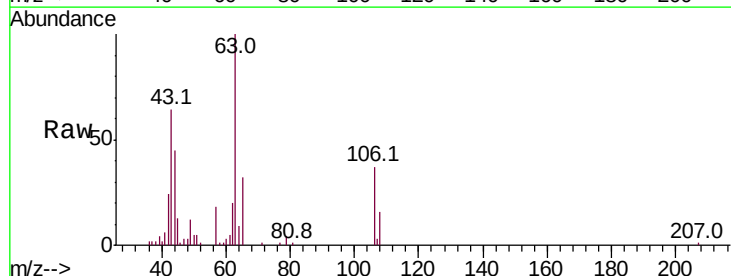
Delta R.T. -0.00 min

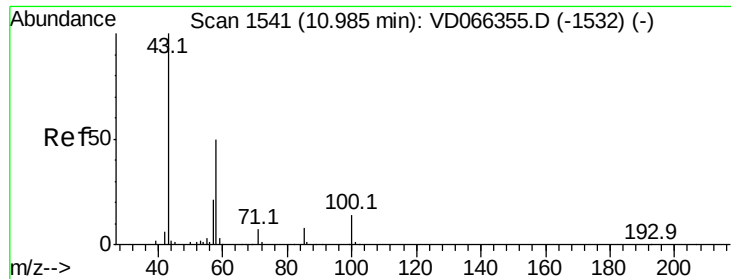
Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tgt Ion: 63 Resp: 41517

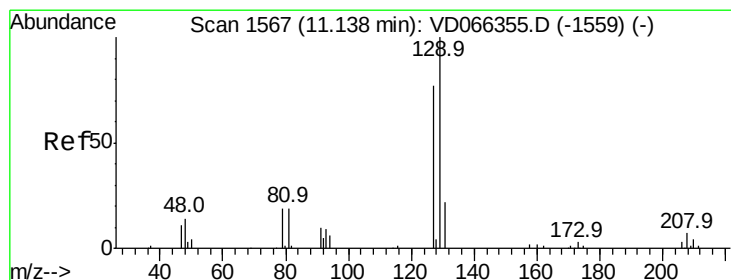
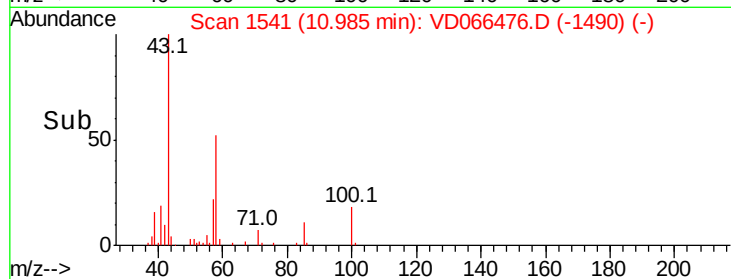
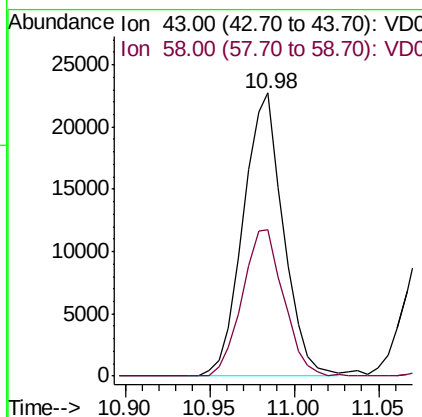
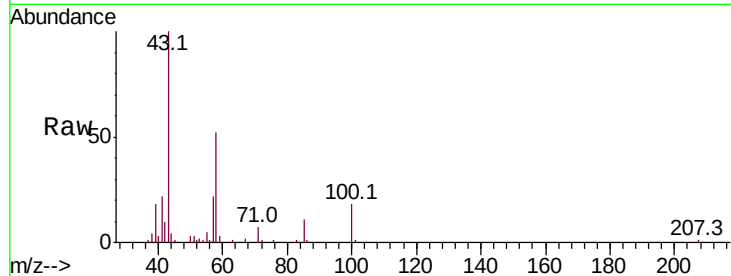
Ion	Ratio	Lower	Upper
63	100		
106	38.1	27.1	40.7





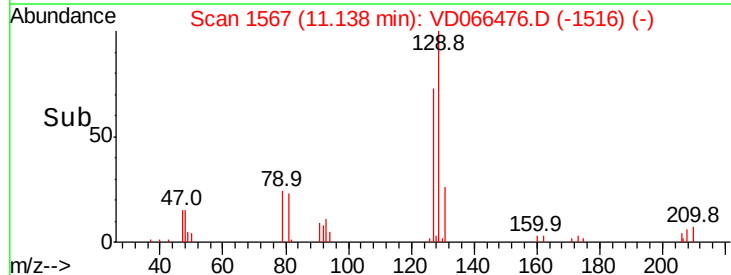
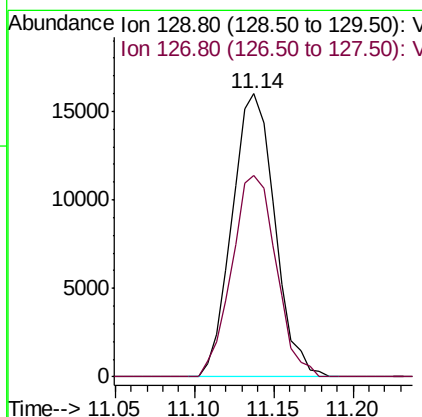
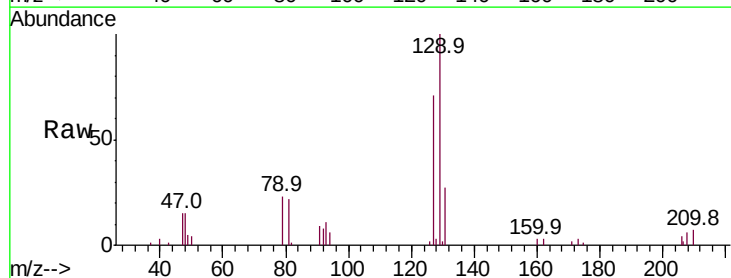
#59
2-Hexanone
Concen: 83.042 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

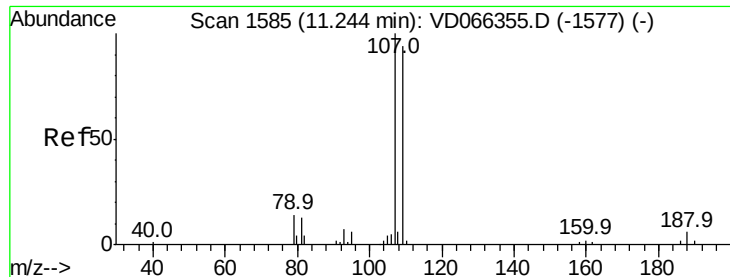
Tot Ion: 43 Resp: 37580
Ion Ratio Lower Upper
43 100
58 53.3 26.3 78.8



#60
Dibromochloromethane
Concen: 20.340 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion: 129 Resp: 29941
Ion Ratio Lower Upper
129 100
127 73.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 17.828 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066476.D

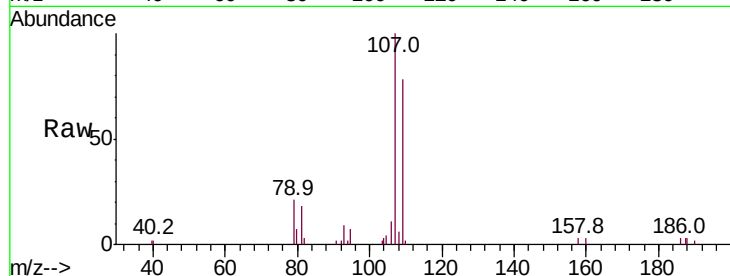
Acq: 31 Aug 2020 11:47

Tot Ion:107 Resp: 17134

Ion Ratio Lower Upper

107 100

109 95.3 77.8 116.8

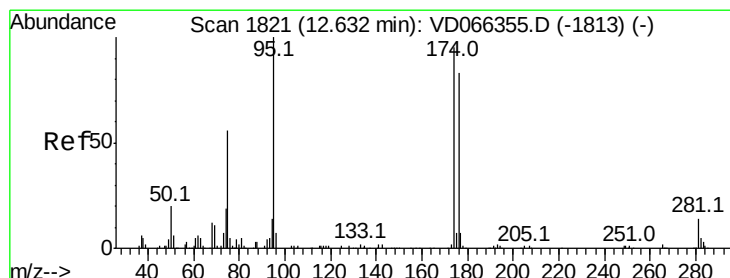
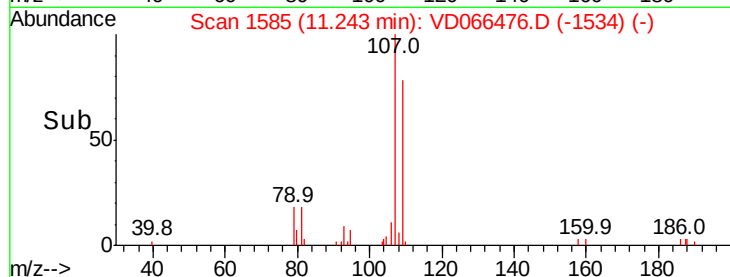


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 53.776 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

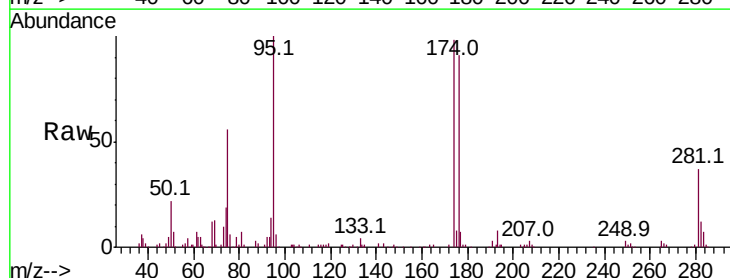
Tgt Ion: 95 Resp: 92954

Ion Ratio Lower Upper

95 100

174 96.5 0.0 183.4

176 91.5 0.0 173.8



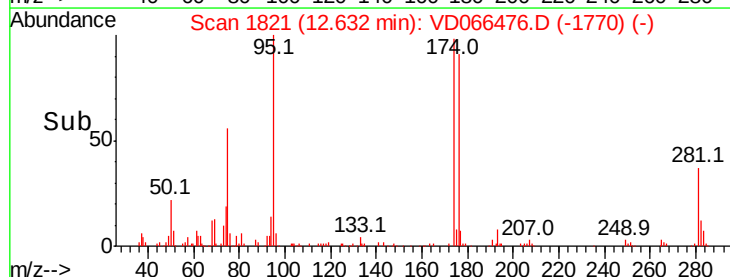
Abundance Ion 94.90 (94.60 to 95.60): V

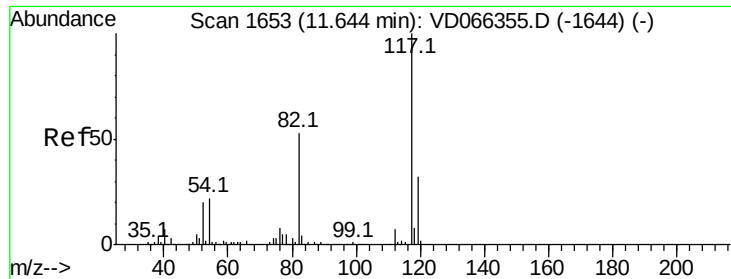
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

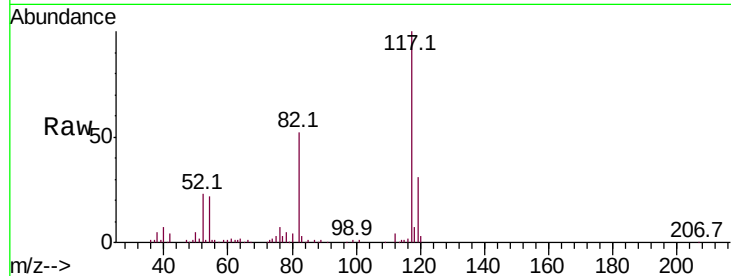
Tot Ion:117 Resp: 189532

Ion Ratio Lower Upper

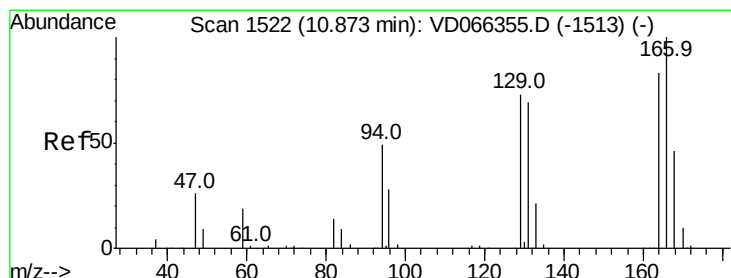
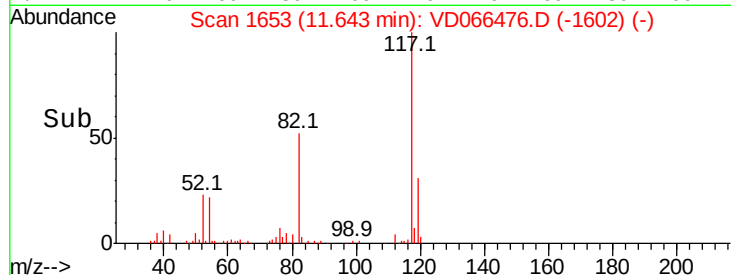
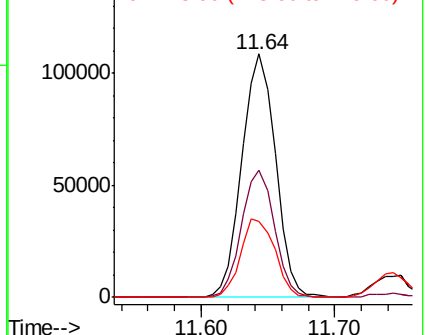
117 100

82 52.5 42.8 64.2

119 31.4 25.8 38.8



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



#64

Tetrachloroethene

Concen: 22.091 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tgt Ion:164 Resp: 31762

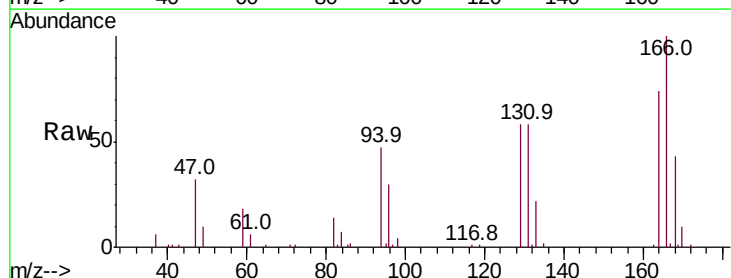
Ion Ratio Lower Upper

164 100

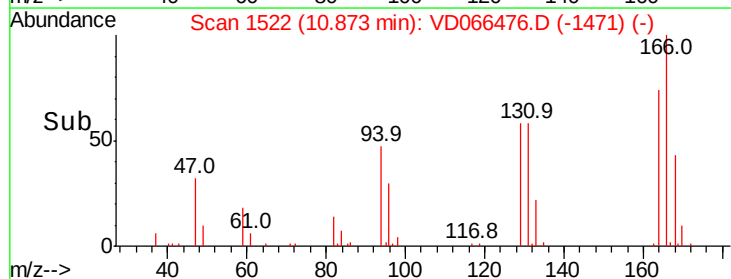
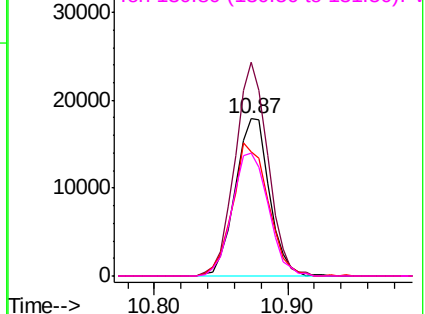
166 135.9 96.2 144.4

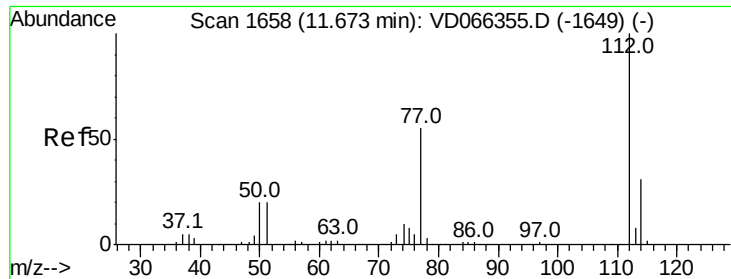
129 79.0 70.3 105.5

131 78.4 66.4 99.6



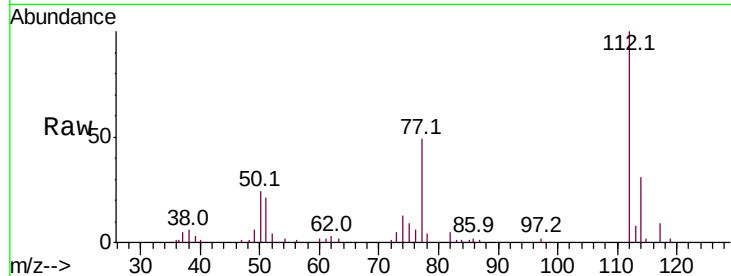
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



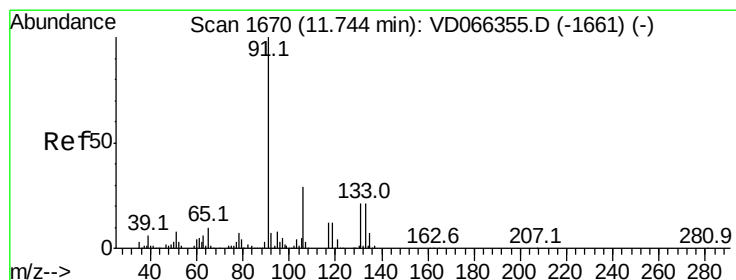
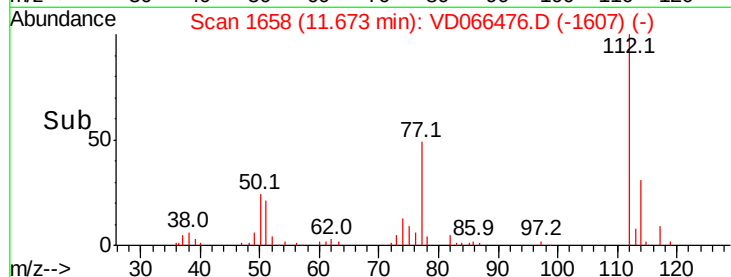
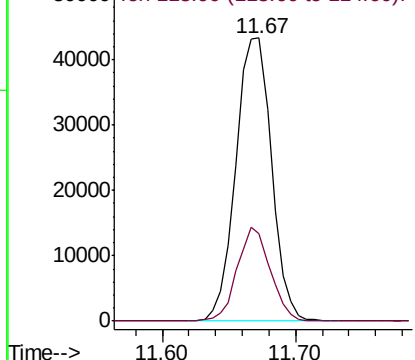


#65
Chlorobenzene
Concen: 21.284 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tot Ion:112 Resp: 80257
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

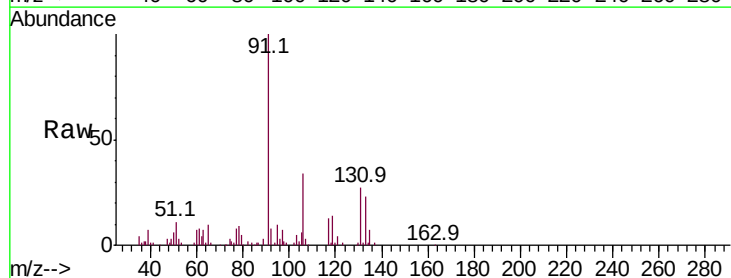


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

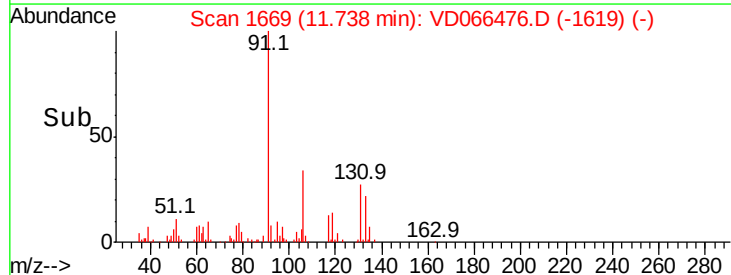
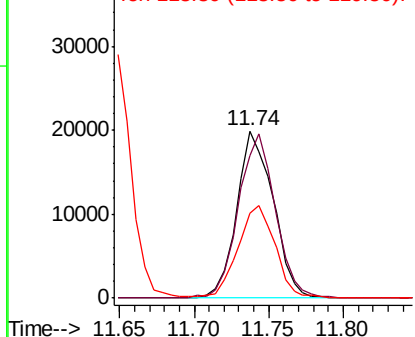


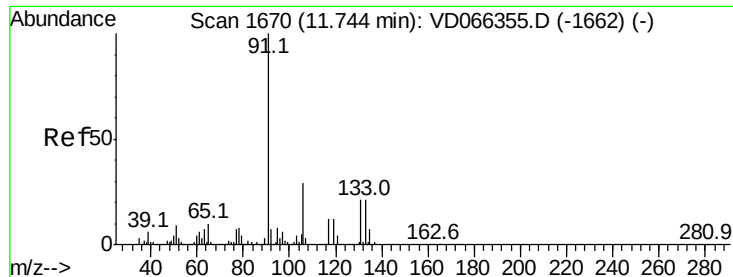
#66
1,1,1,2-Tetrachloroethane
Concen: 21.839 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion:131 Resp: 33654
Ion Ratio Lower Upper
131 100
133 99.8 48.6 145.9
119 57.1 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





#67

Ethyl Benzene

Concen: 21.341 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066476.D

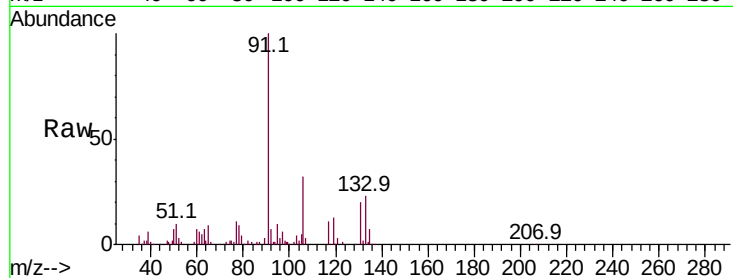
Acq: 31 Aug 2020 11:47

Tot Ion: 91 Resp: 141649

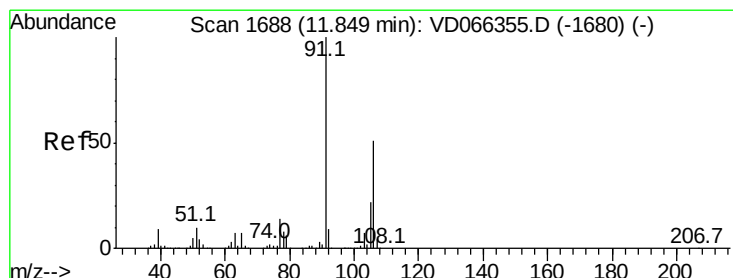
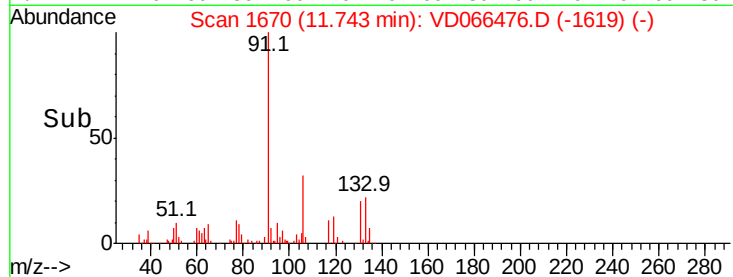
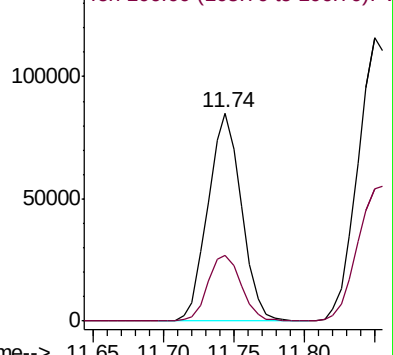
Ion Ratio Lower Upper

91 100

106 31.7 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1662) (-)



#68

m/p-Xylenes

Concen: 43.196 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066476.D

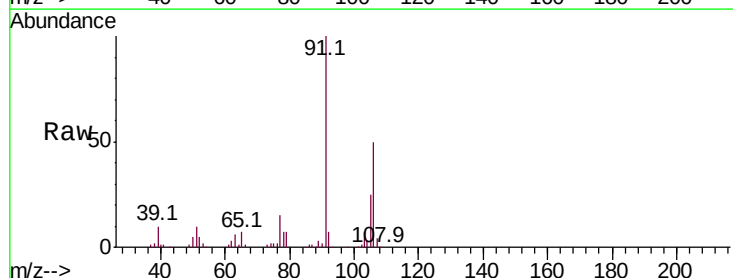
Acq: 31 Aug 2020 11:47

Tgt Ion: 106 Resp: 109283

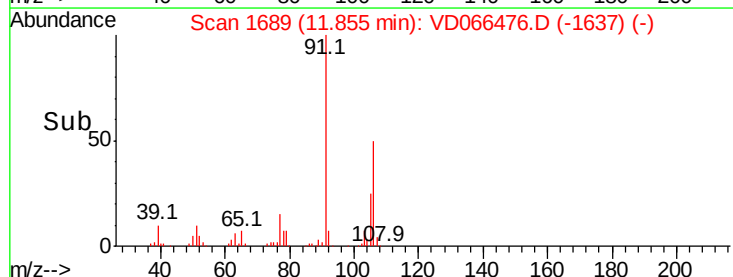
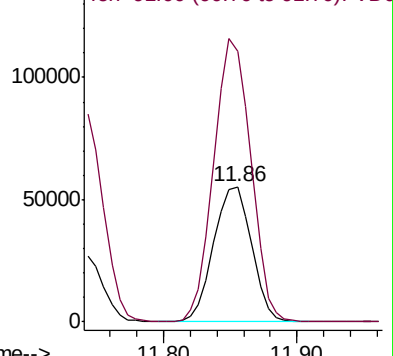
Ion Ratio Lower Upper

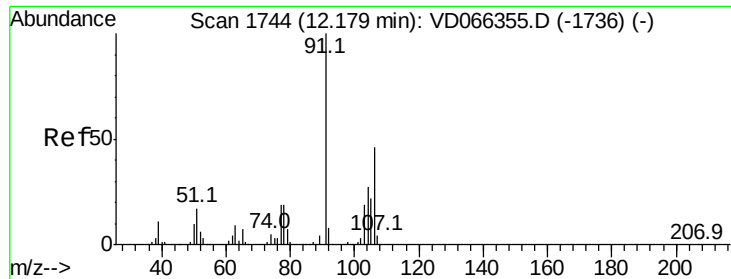
106 100

91 204.8 160.7 241.1



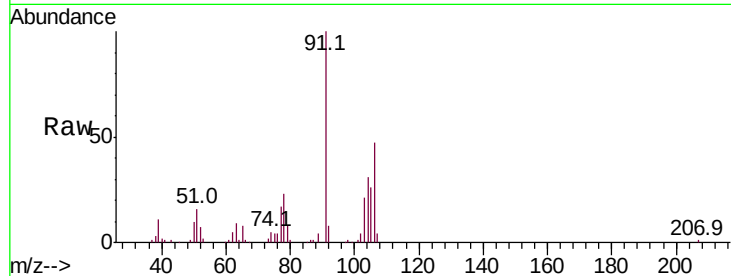
Abundance Ion 106.00 (105.70 to 106.70): VD066355.D (-1680) (-)



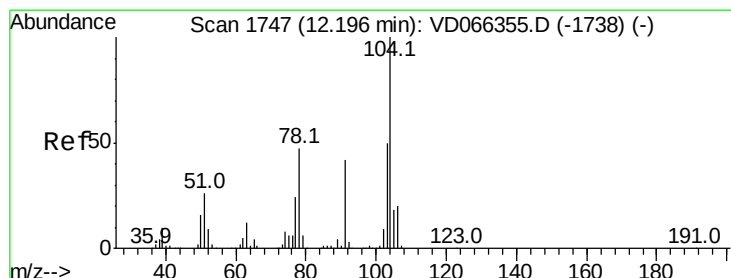
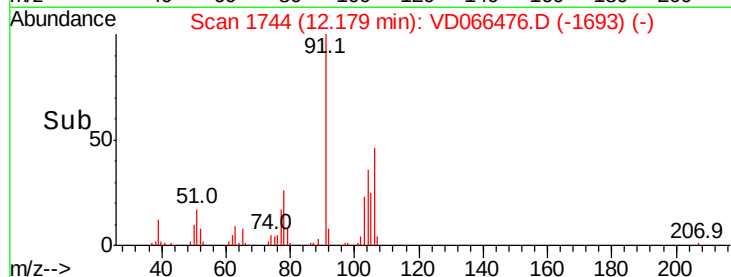
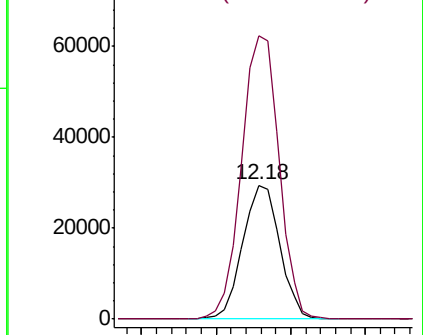


#69
o-Xylene
Concen: 21.547 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tot Ion:106 Resp: 50713
Ion Ratio Lower Upper
106 100
91 213.5 109.1 327.3

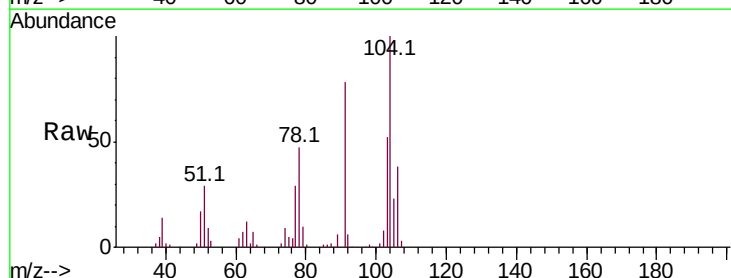


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

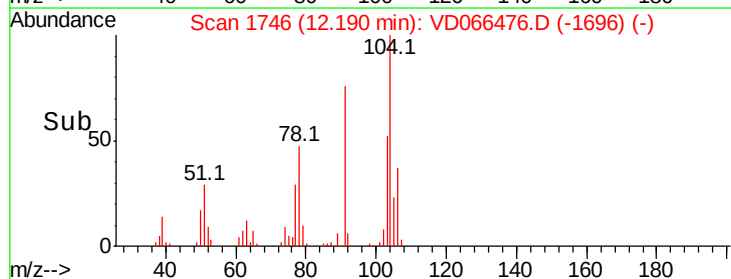
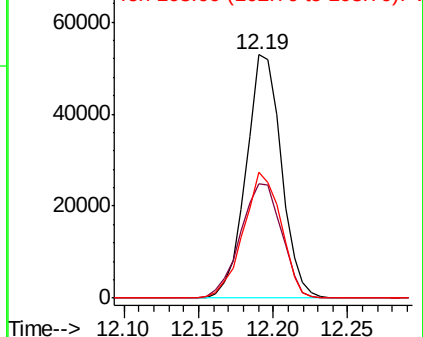


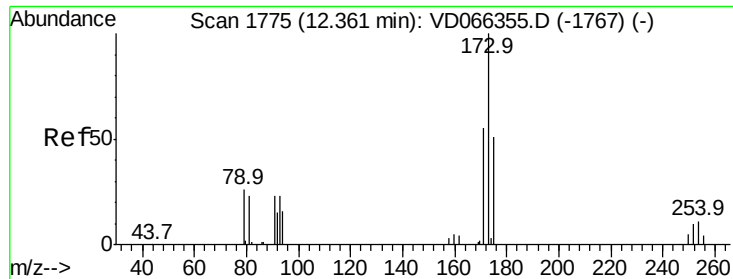
#70
Styrene
Concen: 21.383 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion:104 Resp: 86413
Ion Ratio Lower Upper
104 100
78 55.4 41.7 62.5
103 55.4 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: 20.231 ug/l

RT: 12.36 min Scan# 1775

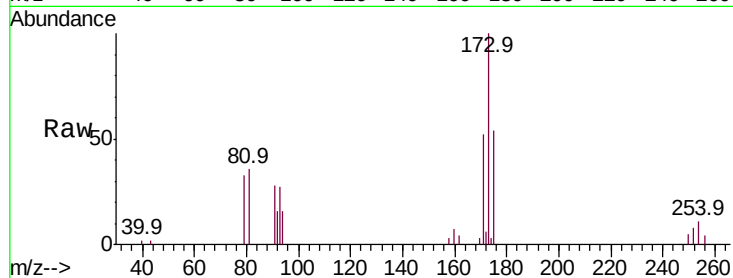
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tot Ion:173 Resp: 17687

Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.8	74.3
254	0.0	0.0	0.0

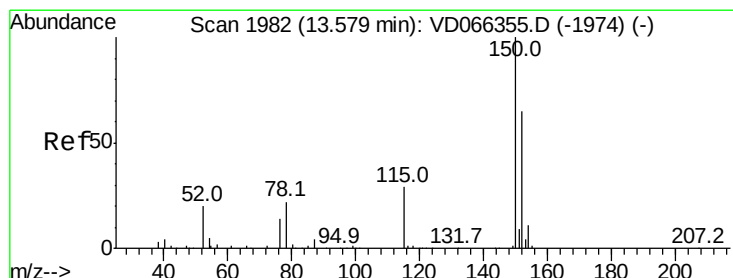
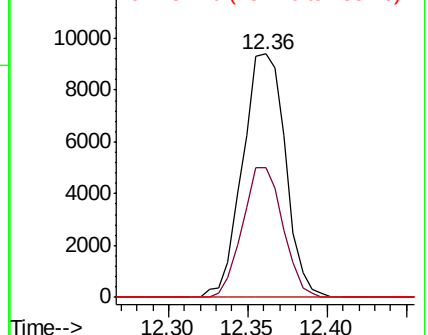
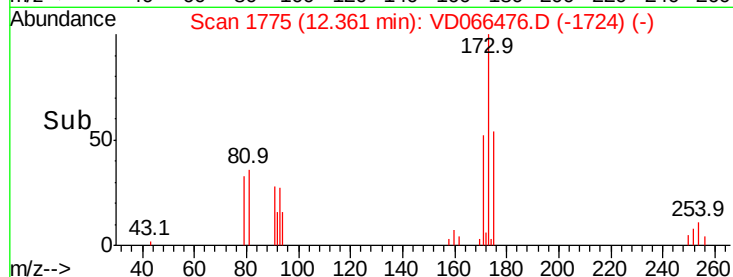


Abundance

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

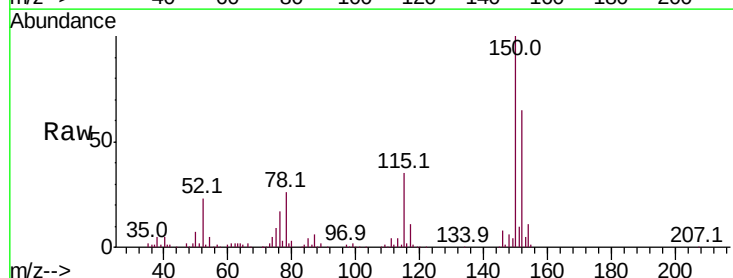
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tgt Ion:152 Resp: 101158

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.3	85.0
150	164.4	0.0	343.2

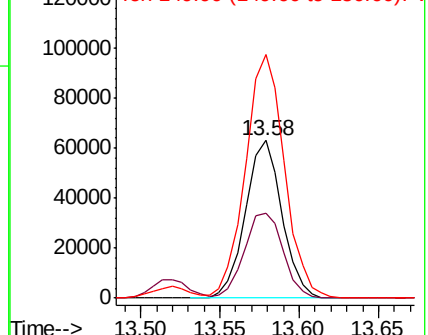
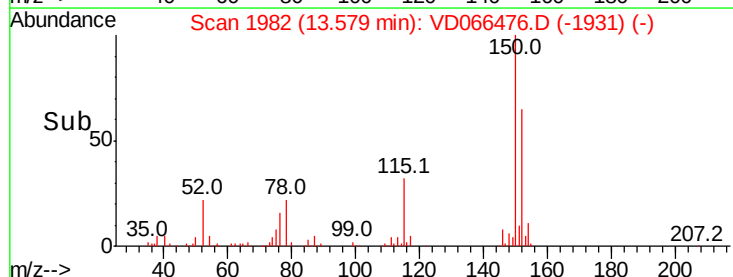


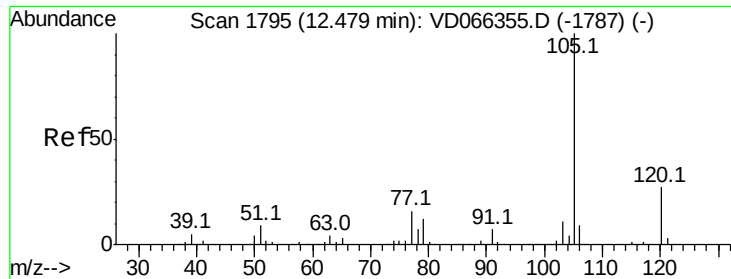
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

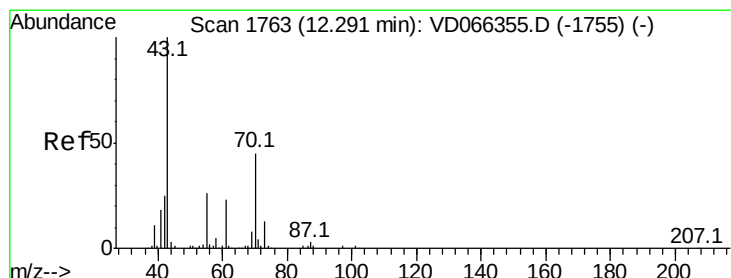
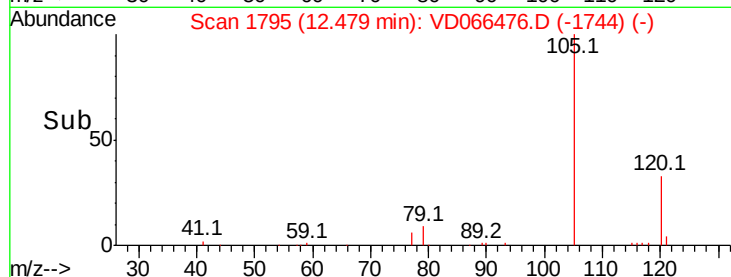
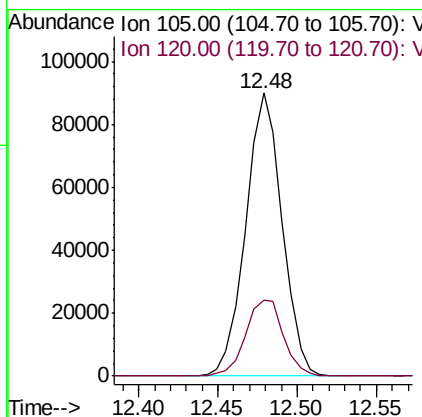
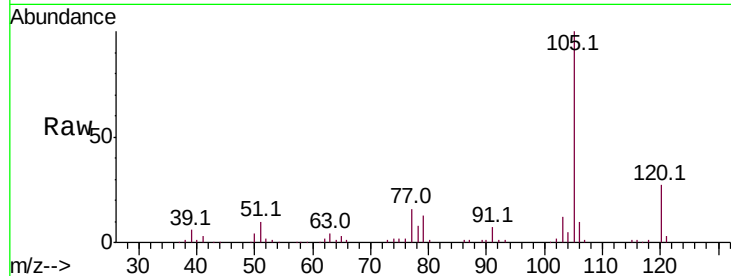
Ion 149.90 (149.60 to 150.60): V





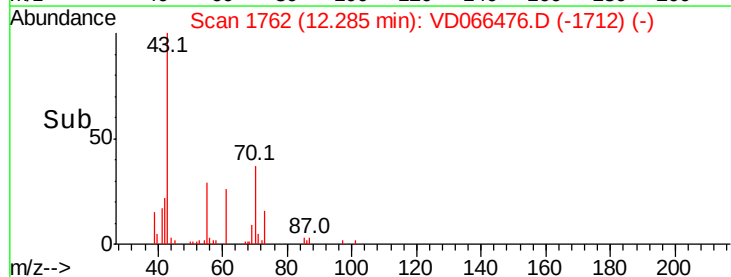
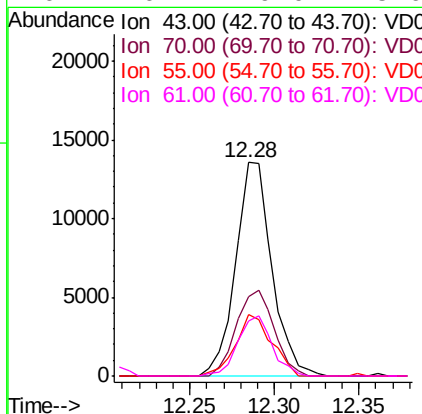
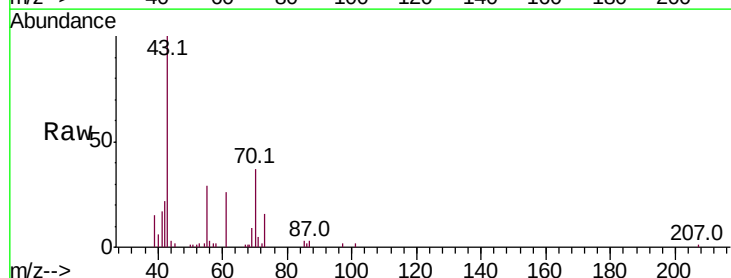
#73
Isopropylbenzene
Concen: 21.124 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

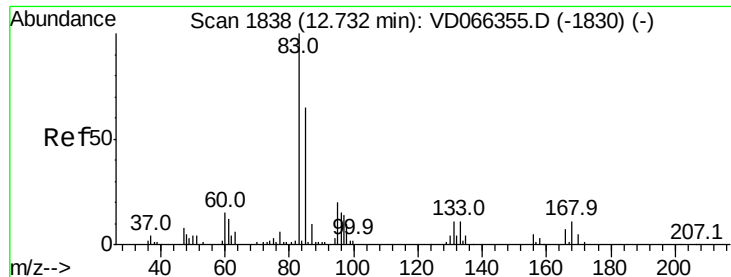
Tot Ion:105 Resp: 143144
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.8



#74
N-ethyl acetate
Concen: 16.593 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion: 43 Resp: 20308
Ion Ratio Lower Upper
43 100
70 41.5 34.8 52.2
55 28.2 20.3 30.5
61 26.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.730 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

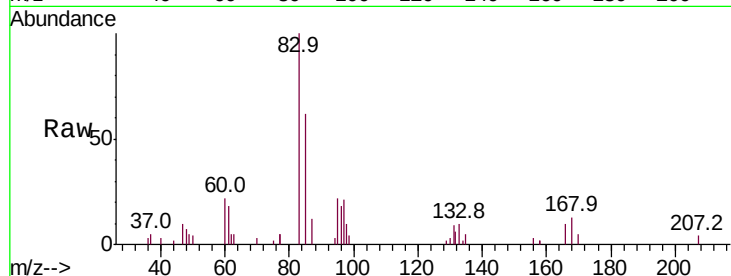
Tot Ion: 83 Resp: 17163

Ion Ratio Lower Upper

83 100

131 14.2 7.0 20.9

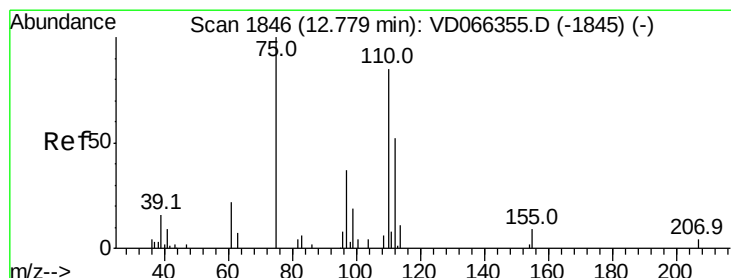
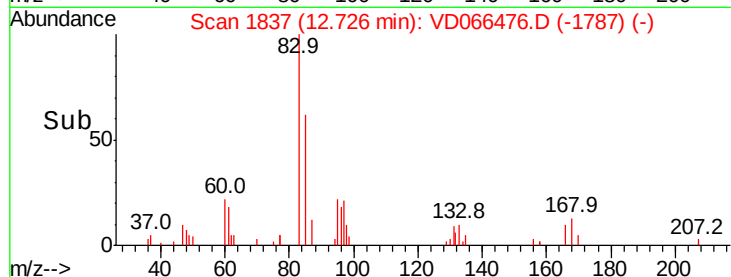
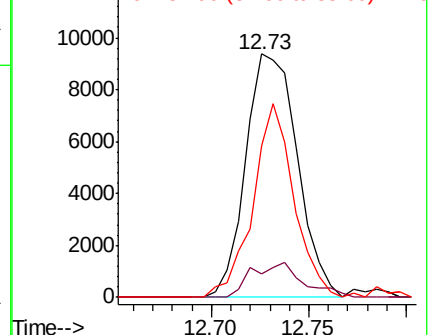
85 63.0 32.4 97.0



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: 36.609 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066476.D

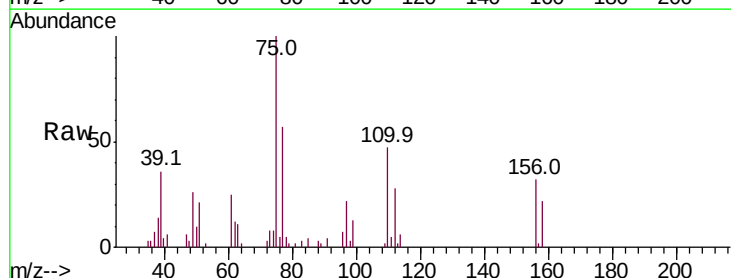
Acq: 31 Aug 2020 11:47

Tgt Ion: 75 Resp: 26053

Ion Ratio Lower Upper

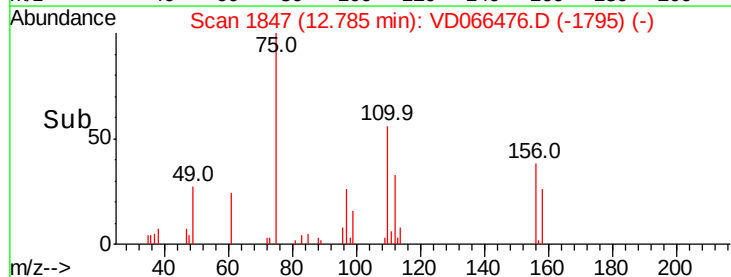
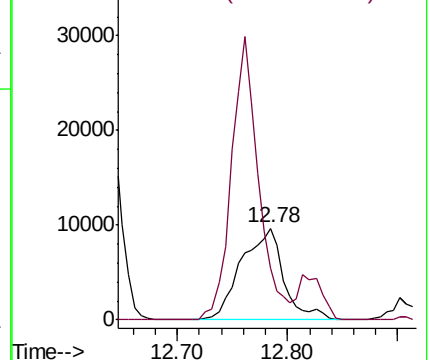
75 100

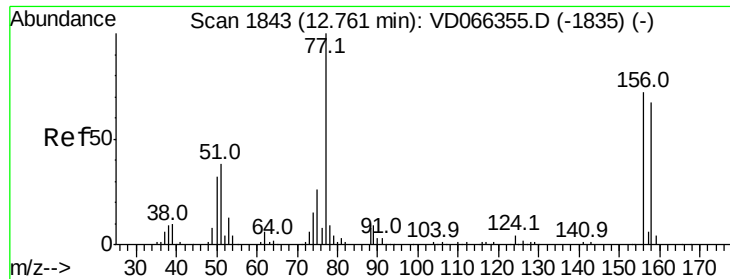
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.127 ug/l

RT: 12.76 min Scan# 1843

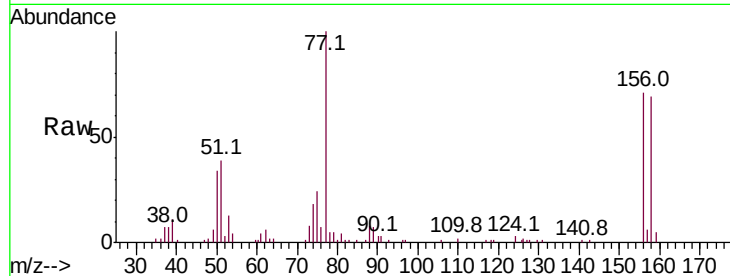
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tot Ion:156 Resp: 36338

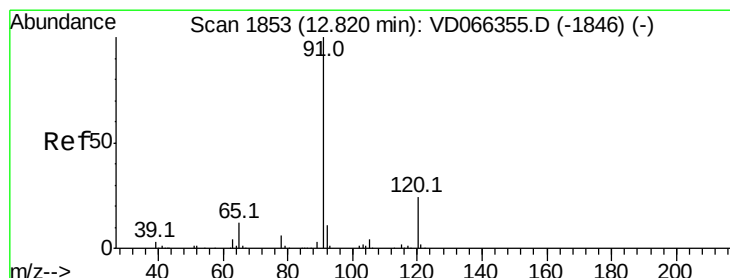
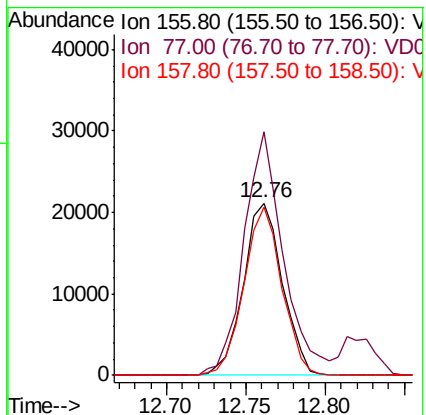
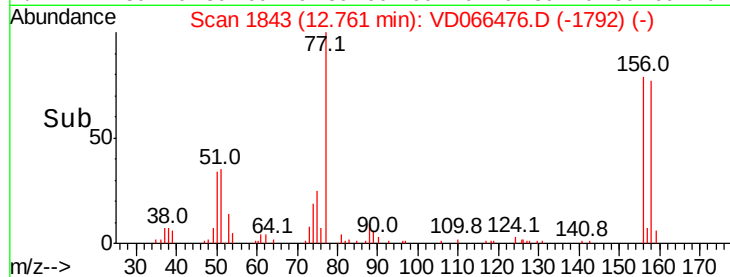
Ion	Ratio	Lower	Upper
156	100		
77	142.3	76.1	228.3
158	94.4	47.6	142.9



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: 20.874 ug/l

RT: 12.82 min Scan# 1853

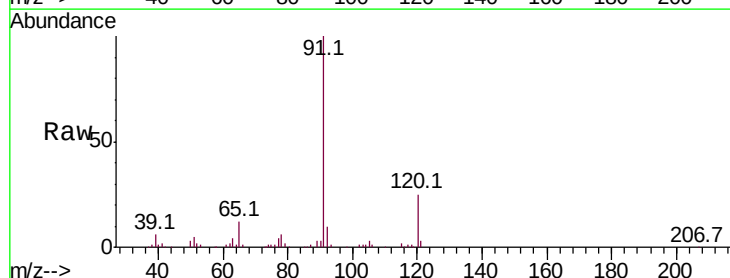
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

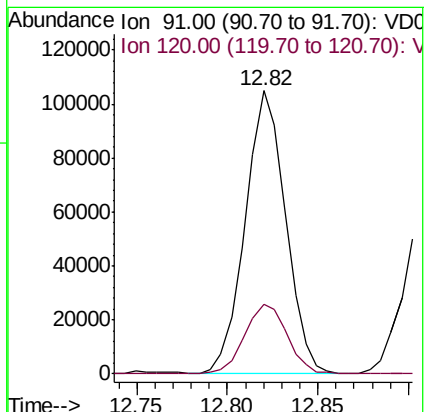
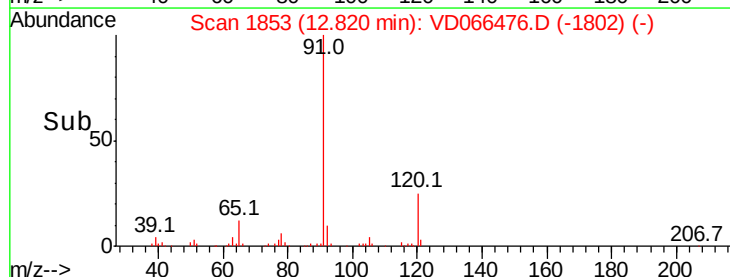
Tgt Ion: 91 Resp: 162189

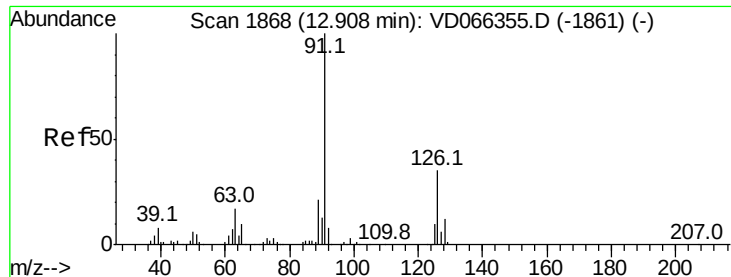
Ion	Ratio	Lower	Upper
91	100		
120	25.7	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.551 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066476.D

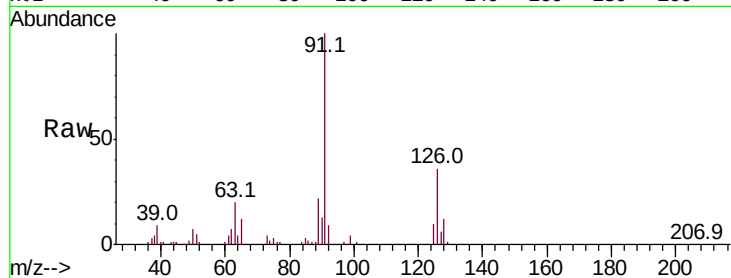
Acq: 31 Aug 2020 11:47

Tot Ion: 91 Resp: 91199

Ion Ratio Lower Upper

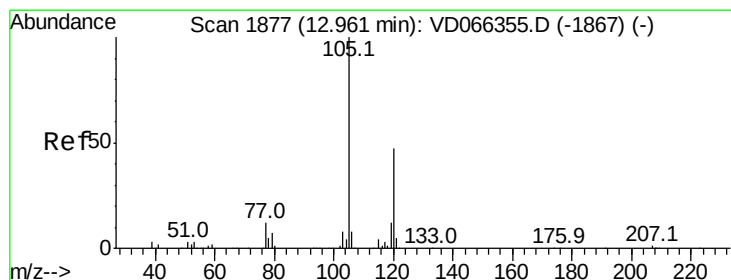
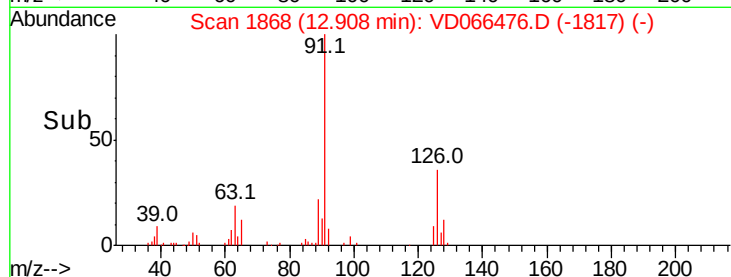
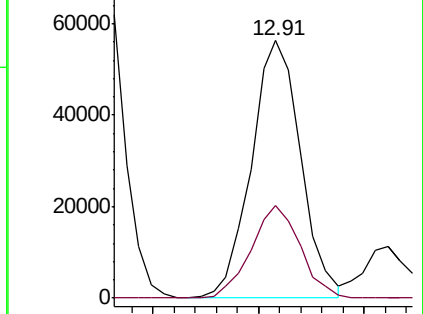
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066355.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.116 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066476.D

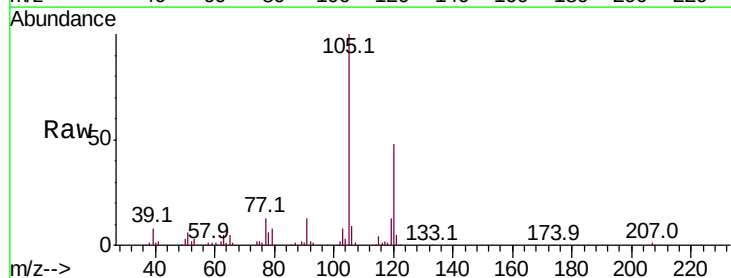
Acq: 31 Aug 2020 11:47

Tgt Ion:105 Resp: 129402

Ion Ratio Lower Upper

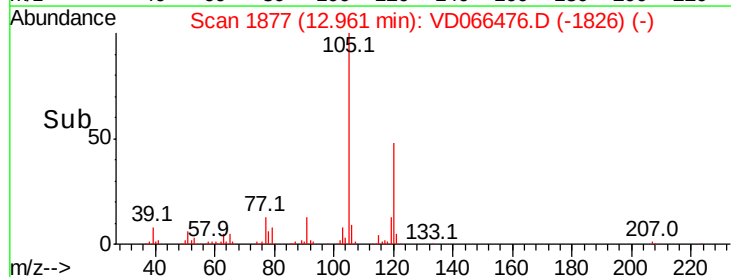
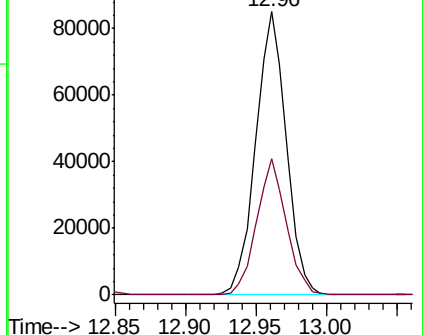
105 100

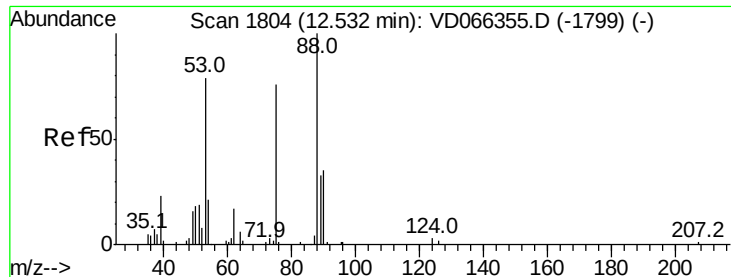
120 46.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066355.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066355.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.439 ug/l

RT: 12.53 min Scan# 1804

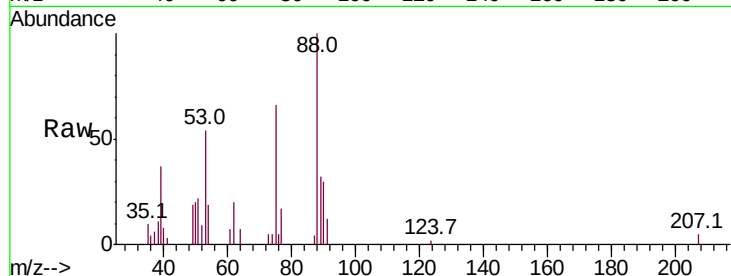
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

Tot Ion: 75 Resp: 6517

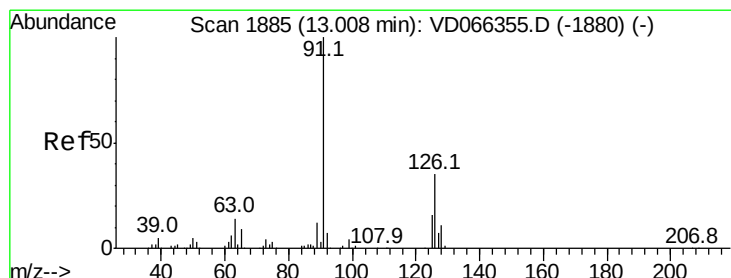
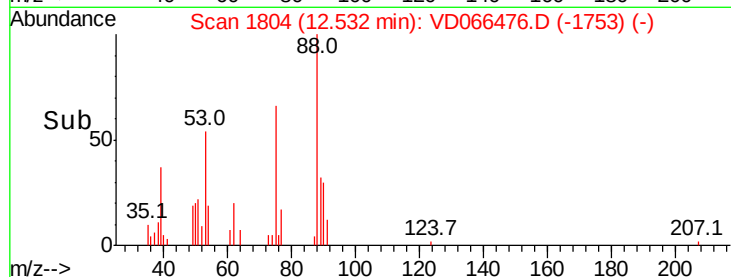
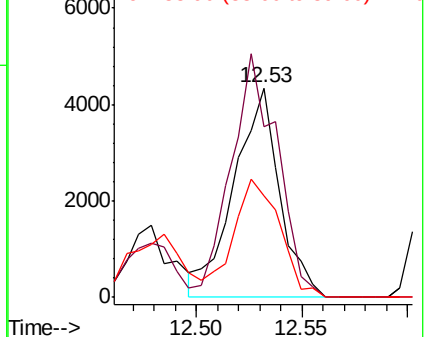
Ion	Ratio	Lower	Upper
75	100		
53	117.2	87.4	131.2
89	57.2	39.4	59.0



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: 20.864 ug/l

RT: 13.01 min Scan# 1885

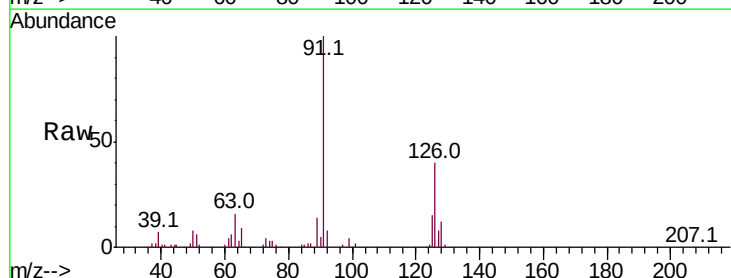
Delta R.T. -0.00 min

Lab File: VD066476.D

Acq: 31 Aug 2020 11:47

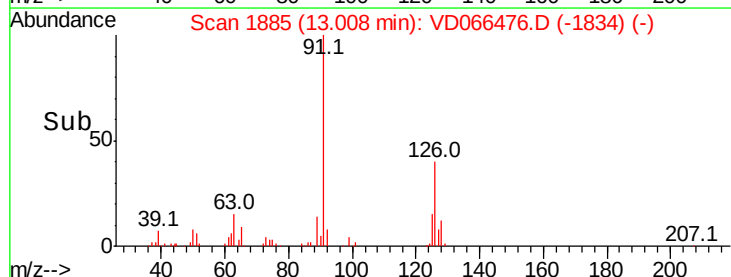
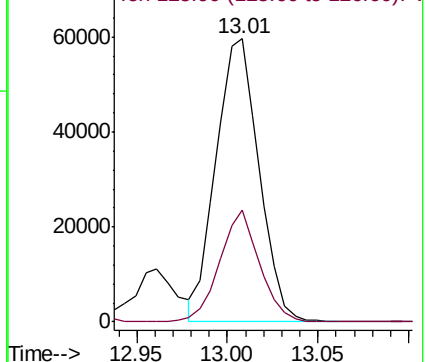
Tgt Ion: 91 Resp: 98095

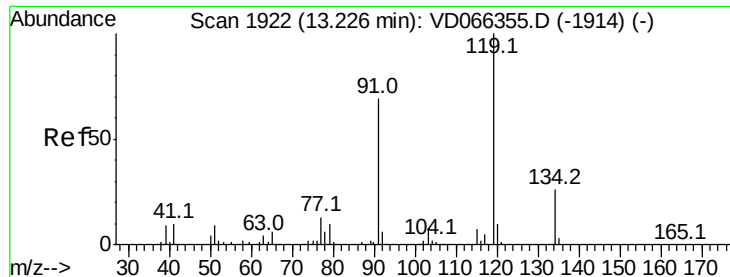
Ion	Ratio	Lower	Upper
91	100		
126	36.7	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

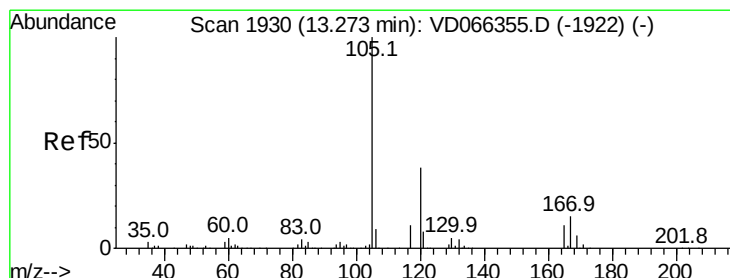
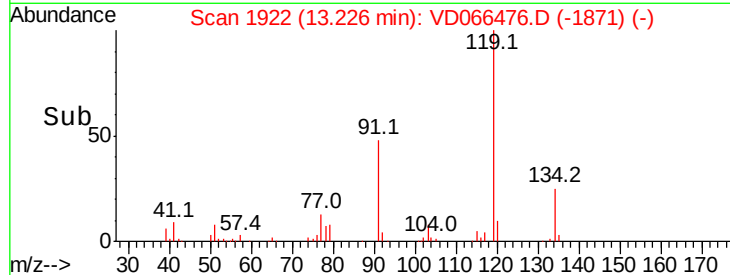
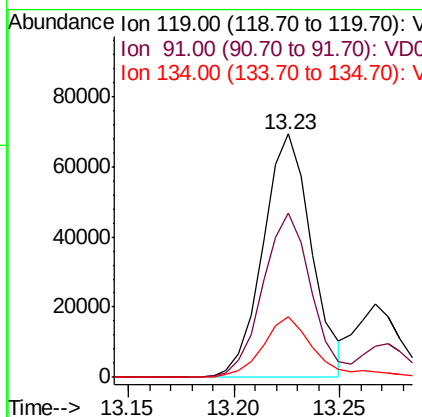
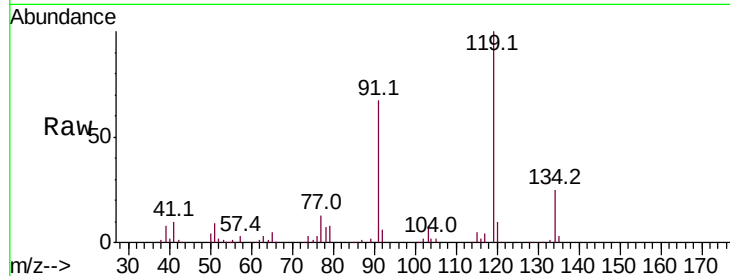
Ion 125.90 (125.60 to 126.60): V





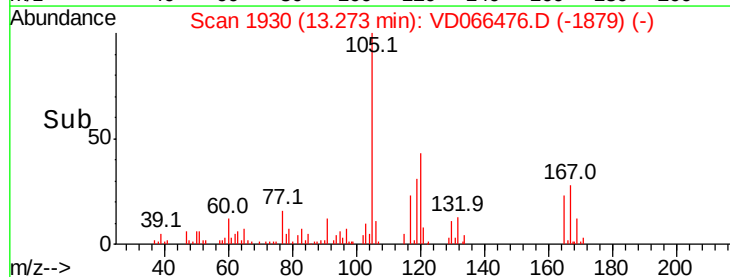
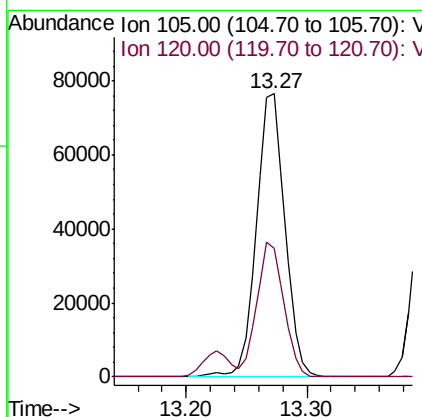
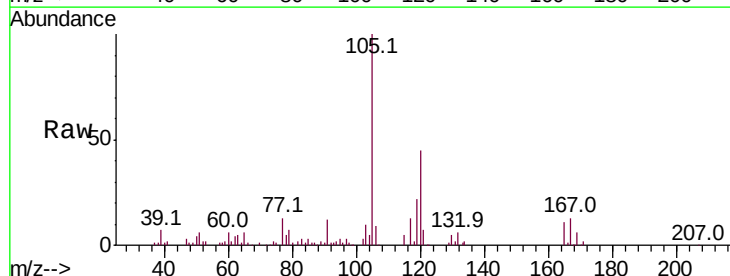
#83
 tert-Butylbenzene
 Concen: 21.788 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

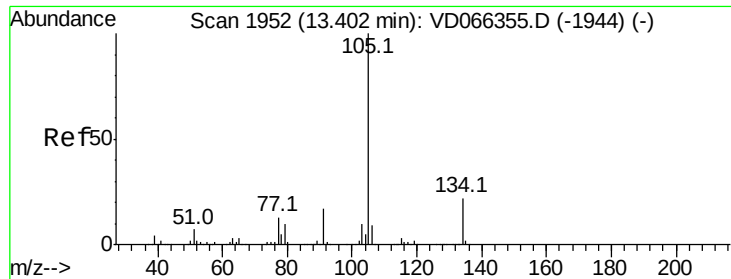
Tot Ion:	119	Resp:	110726
Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.5	100.5
134	27.1	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.833 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

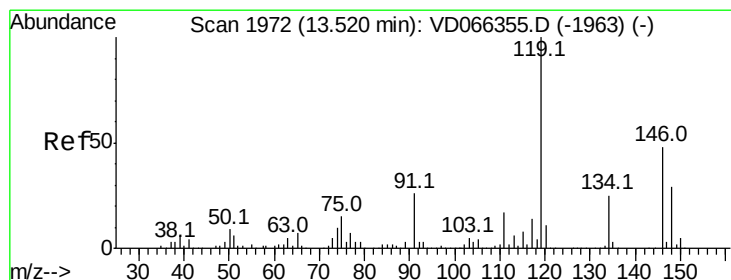
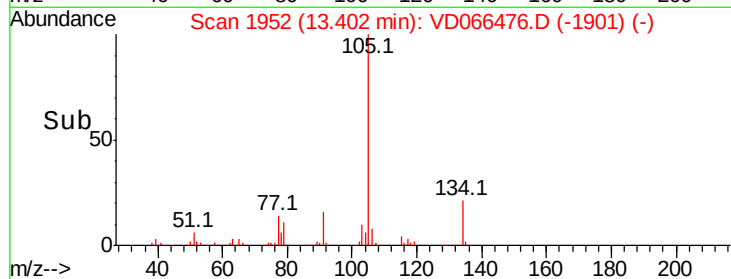
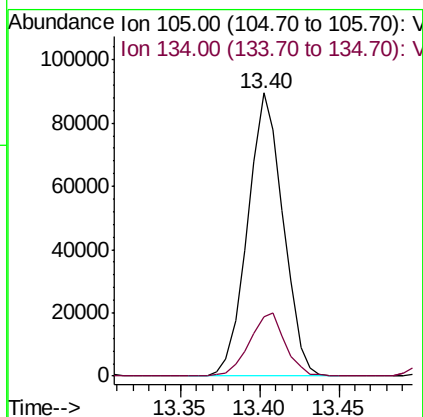
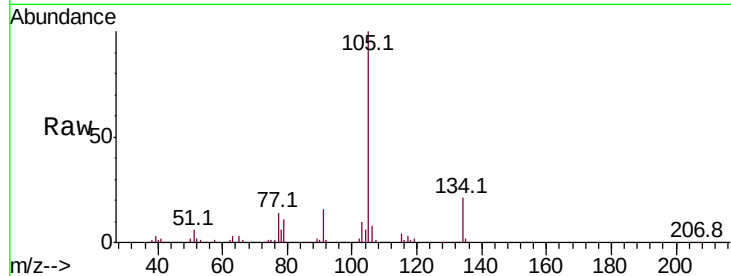
Tgt Ion:	105	Resp:	125470
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7





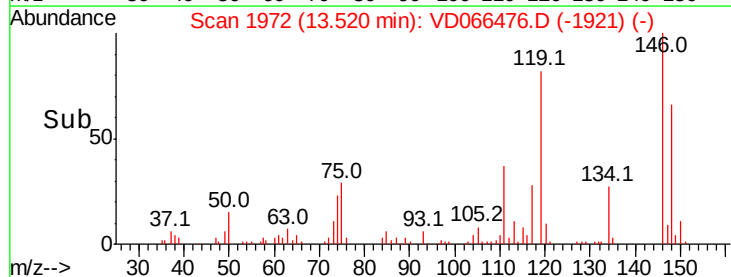
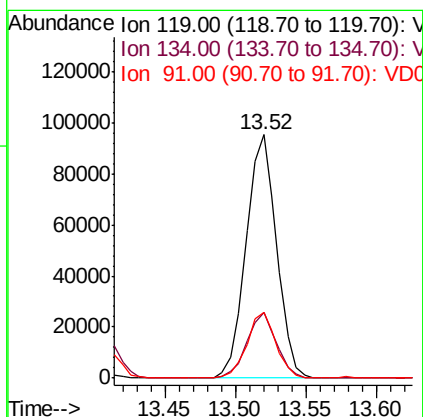
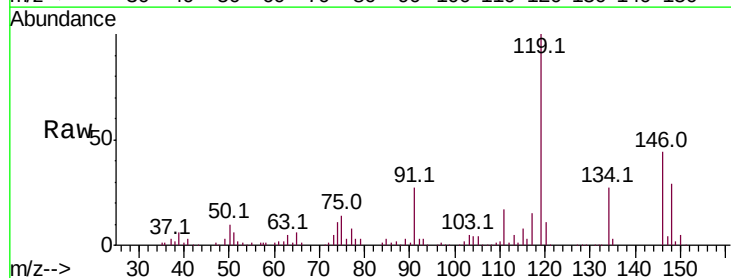
#85
 sec-Butylbenzene
 Concen: 20.881 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

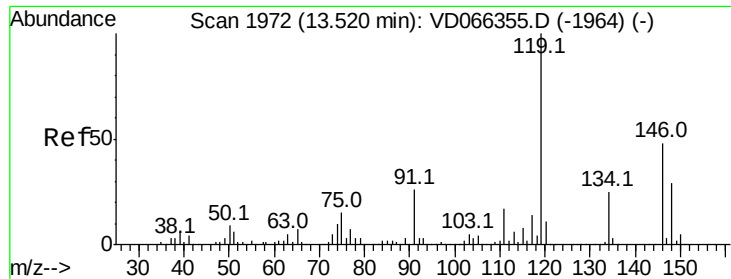
Tot Ion:105 Resp: 139039
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 22.444 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

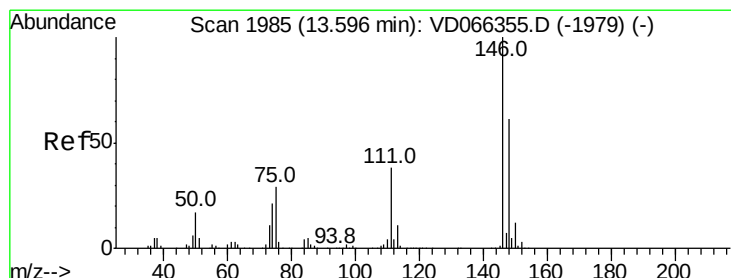
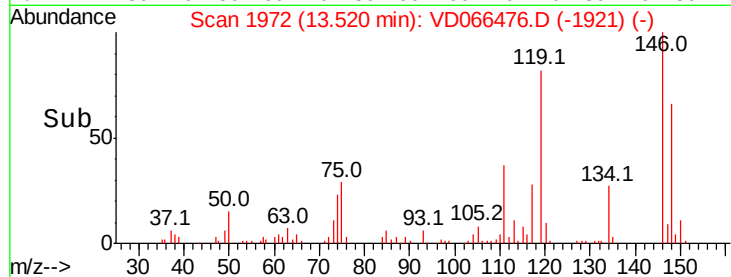
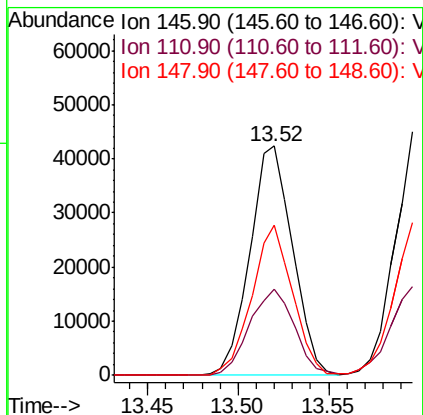
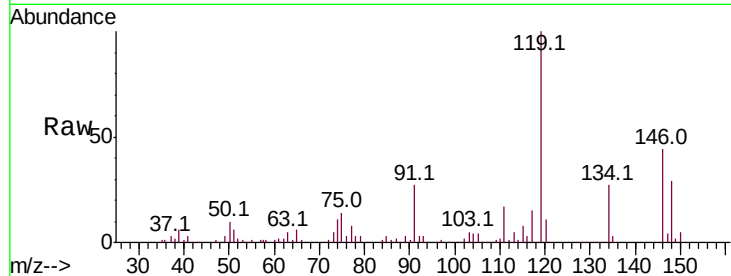
Tgt Ion:119 Resp: 144097
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.8 12.7 38.0





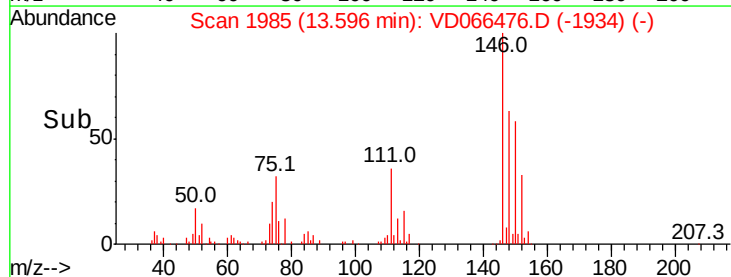
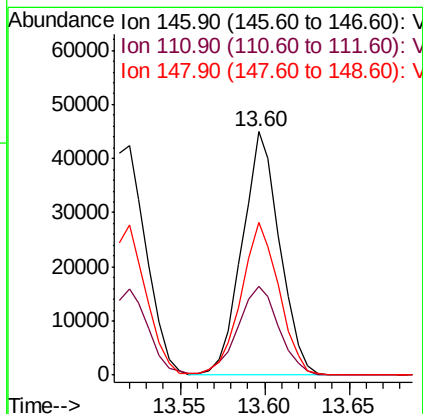
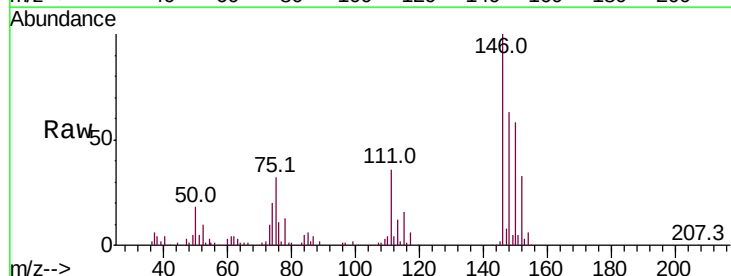
#87
 1,3-Dichlorobenzene
 Concen: 21.556 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

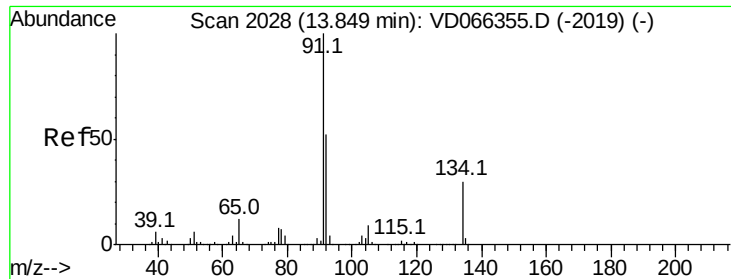
Tot Ion:146 Resp: 69208
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 62.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.542 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

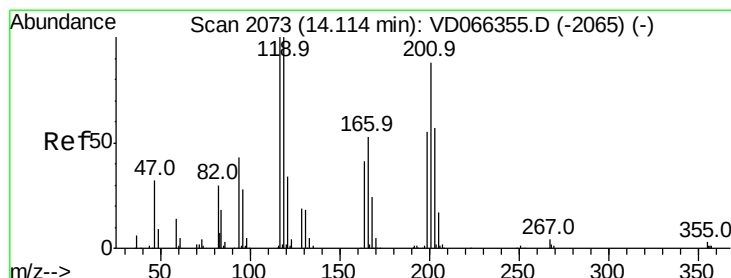
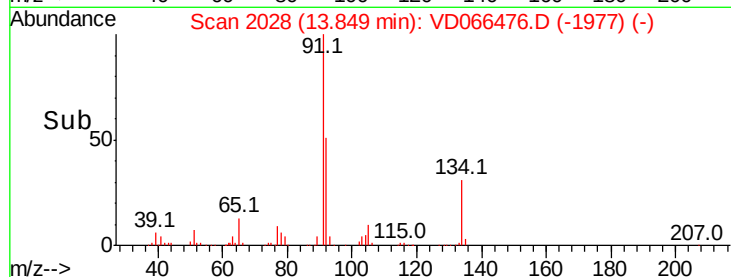
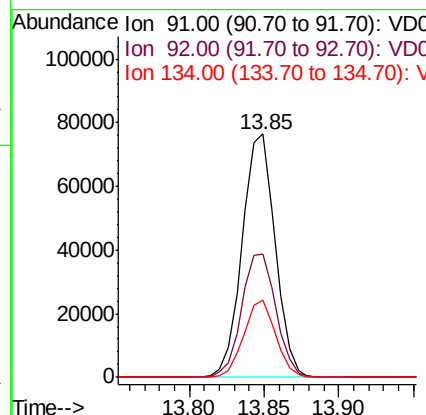
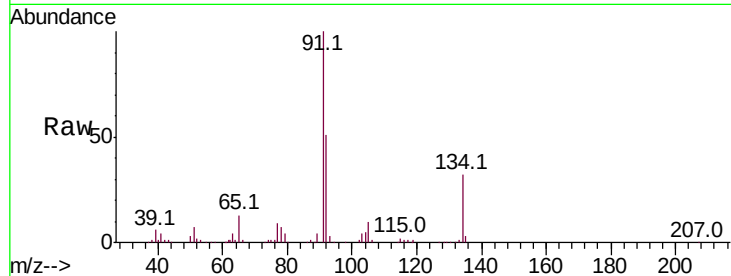
Tgt Ion:146 Resp: 69444
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.5
 148 63.8 32.1 96.3





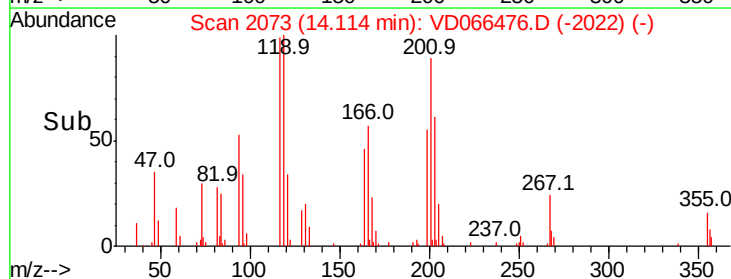
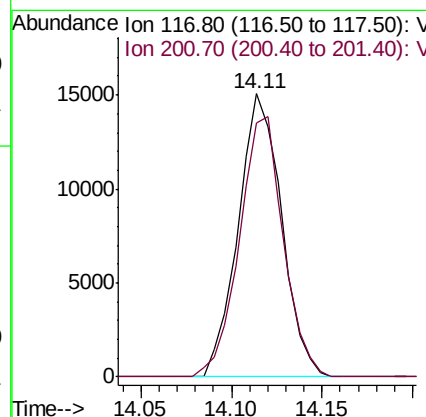
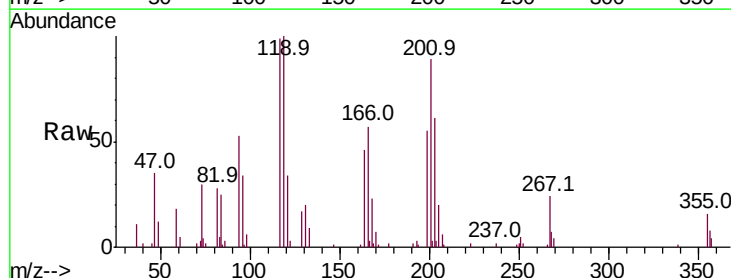
#89
n-Butylbenzene
Concen: 20.687 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

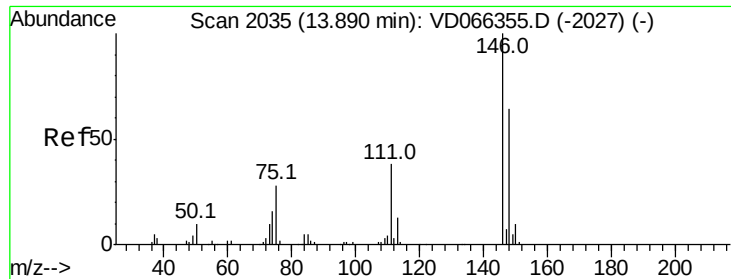
Tot Ion: 91 Resp: 117206
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 30.5 14.4 43.4



#90
Hexachloroethane
Concen: 19.754 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

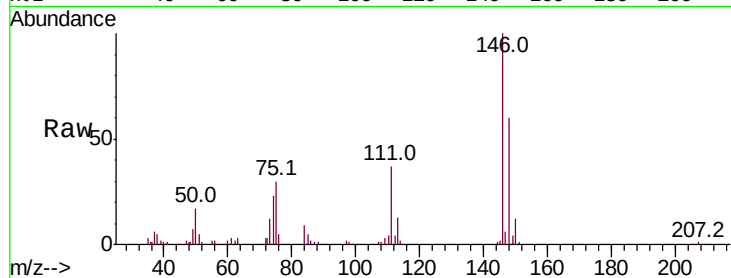
Tgt Ion: 117 Resp: 25054
Ion Ratio Lower Upper
117 100
201 93.2 45.4 136.2



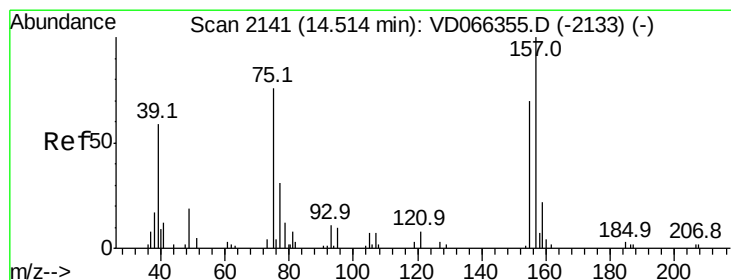
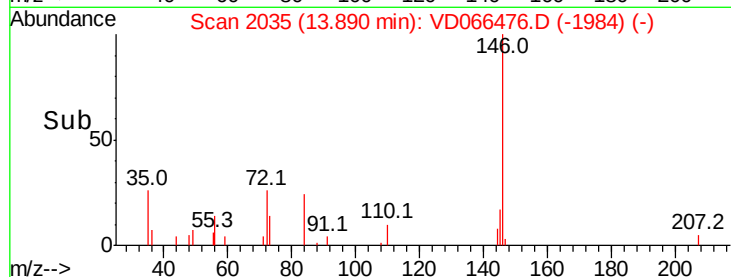
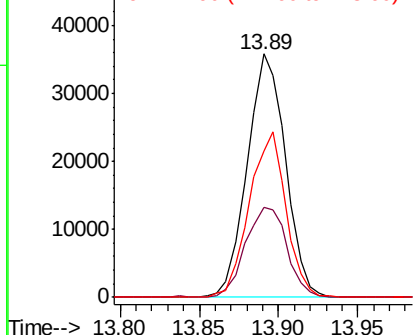


#91
 1,2-Dichlorobenzene
 Concen: 21.739 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	65.3	32.6	97.8

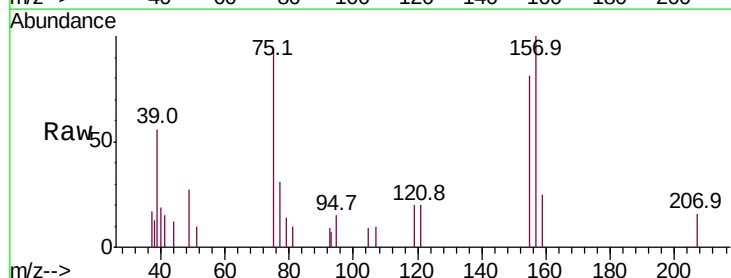


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

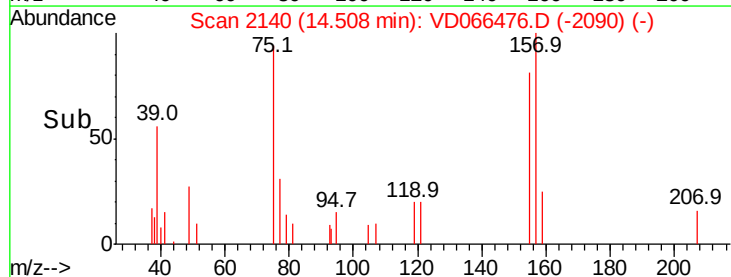
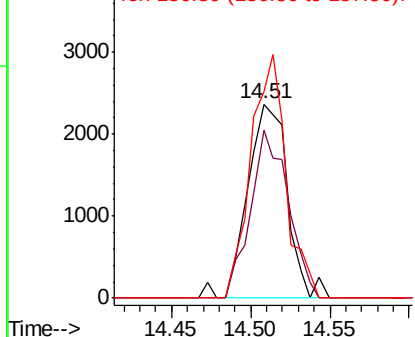


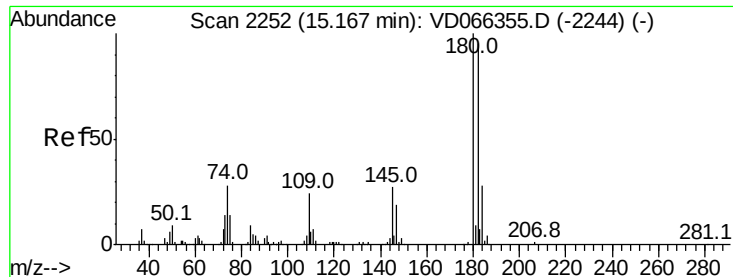
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.381 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	46.9	140.6
157	110.2	61.0	183.0



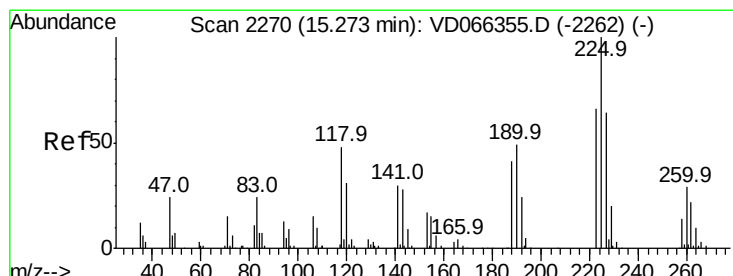
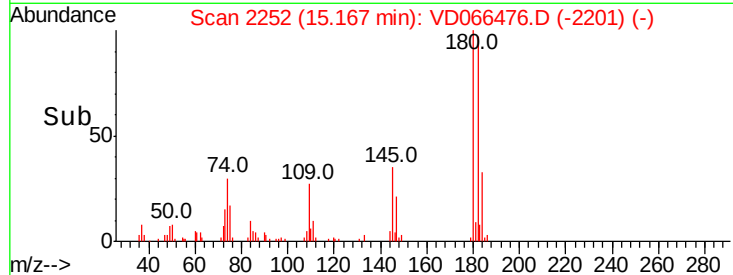
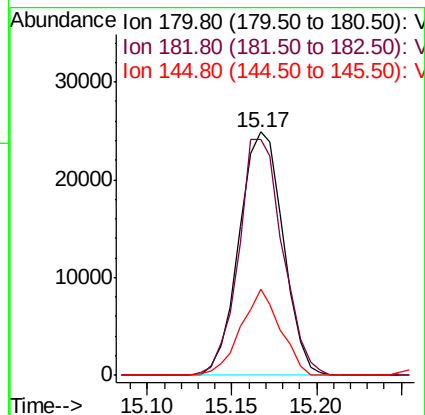
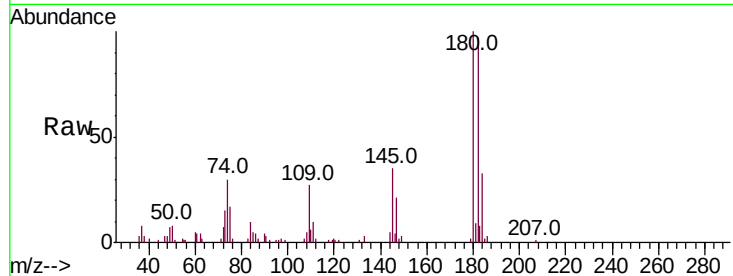
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





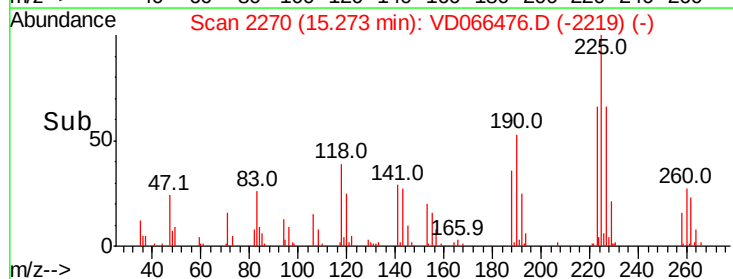
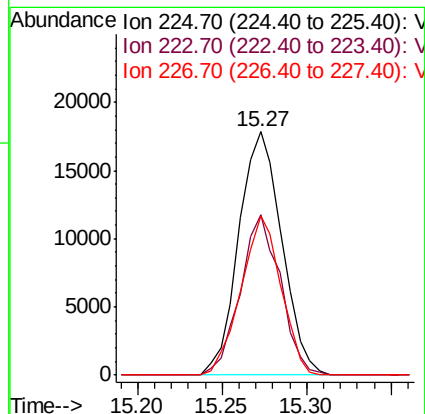
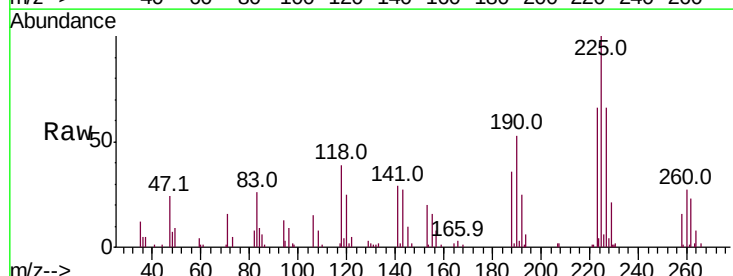
#93
 1,2,4-Trichlorobenzene
 Concen: 20.804 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

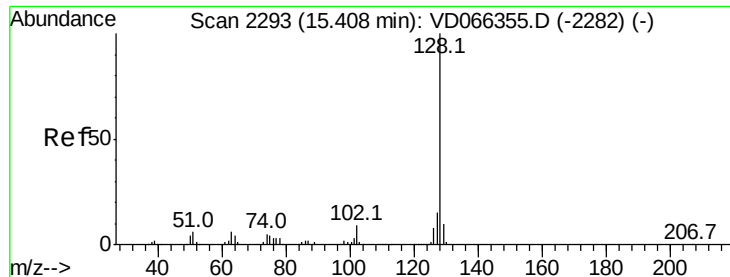
Tot Ion:180	Resp:	44890
Ion Ratio	Lower	Upper
180	100	
182	97.2	48.0 144.0
145	31.9	15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 23.594 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066476.D
 Acq: 31 Aug 2020 11:47

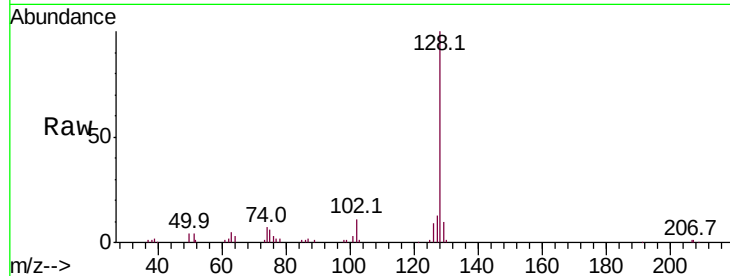
Tgt Ion:225	Resp:	31637
Ion Ratio	Lower	Upper
225	100	
223	61.4	32.5 97.4
227	61.0	33.0 98.9



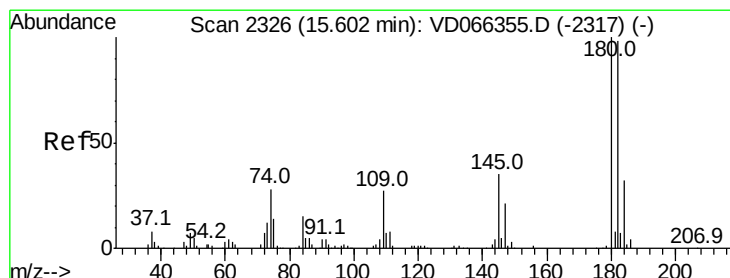
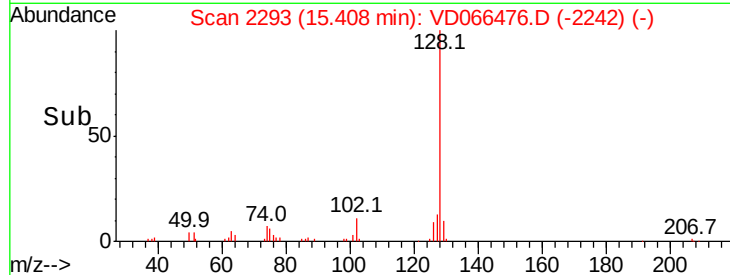
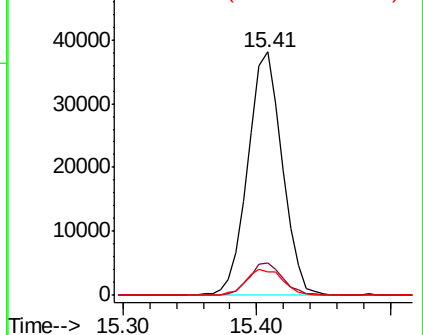


#95
Naphthalene
Concen: 19.908 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tot Ion:128 Resp: 67467
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.4 8.6 12.8

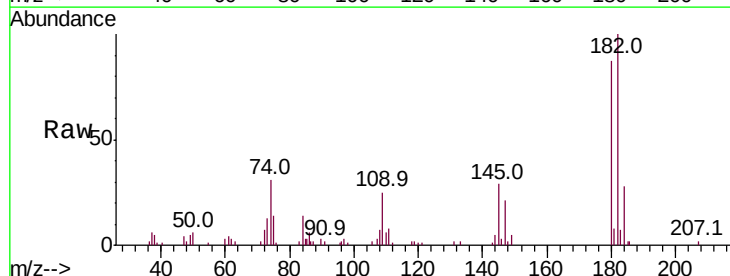


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.991 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066476.D
Acq: 31 Aug 2020 11:47

Tgt Ion:180 Resp: 36952
Ion Ratio Lower Upper
180 100
182 99.7 46.7 140.0
145 33.5 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

