

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066479.D
 Acq On : 31 Aug 2020 13:18
 Operator : VA/SY
 Sample : VD0831SBS01
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 01 01:01:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	140667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	184391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	177220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	97617	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	81624	59.19	ug/l	0.00
Spiked Amount			Recovery	=	118.38%	
35) Dibromofluoromethane	7.91	113	62157	53.91	ug/l	0.00
Spiked Amount			Recovery	=	107.82%	
50) Toluene-d8	10.34	98	225291	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.63	95	83032	55.47	ug/l	0.00
Spiked Amount			Recovery	=	110.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	24007	20.075	ug/l	96
3) Chloromethane	2.21	50	14655	17.288	ug/l	90
4) Vinyl Chloride	2.34	62	17092	18.780	ug/l #	81
5) Bromomethane	2.76	94	14311	21.022	ug/l	89
6) Chloroethane	2.92	64	11293	19.378	ug/l	89
7) Trichlorofluoromethane	3.27	101	52408	21.176	ug/l	100
8) Diethyl Ether	3.71	74	10945	19.738	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	4.09	101	22317	18.272	ug/l	91
10) Methyl Iodide	4.30	142	22810	16.374	ug/l	95
11) Tert butyl alcohol	5.20	59	10651	110.176	ug/l #	80
12) 1,1-Dichloroethene	4.06	96	19968	17.417	ug/l	95
13) Acrolein	3.93	56	3287	53.674	ug/l #	82
14) Allyl chloride	4.71	41	22345	14.602	ug/l #	75
15) Acrylonitrile	5.43	53	19837	89.162	ug/l	99
16) Acetone	4.15	43	25562	102.812	ug/l #	88
17) Carbon Disulfide	4.40	76	54085	15.566	ug/l	98
18) Methyl Acetate	4.72	43	8273	17.729	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	57169	20.709	ug/l #	89
20) Methylene Chloride	4.97	84	25627	14.835	ug/l #	87
21) trans-1,2-Dichloroethene	5.47	96	23413	17.544	ug/l	97
22) Diisopropyl ether	6.36	45	48049	16.218	ug/l #	96
23) Vinyl Acetate	6.30	43	162879	88.804	ug/l	96
24) 1,1-Dichloroethane	6.26	63	37868	18.086	ug/l	99
25) 2-Butanone	7.21	43	25615	90.751	ug/l	94
26) 2,2-Dichloropropane	7.20	77	46900	20.900	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	27658	19.341	ug/l	98
28) Bromochloromethane	7.54	49	10954	15.189	ug/l #	75
29) Tetrahydrofuran	7.56	42	13001	81.095	ug/l	88
30) Chloroform	7.71	83	49718	20.524	ug/l	94
31) Cyclohexane	7.97	56	29710	15.515	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	54233	21.875	ug/l	99
36) 1,1-Dichloropropene	8.11	75	32263	19.176	ug/l	98
37) Ethyl Acetate	7.29	43	10796	18.867	ug/l #	90
38) Carbon Tetrachloride	8.09	117	49623	22.639	ug/l	92

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 Quant Title : SW846 8260
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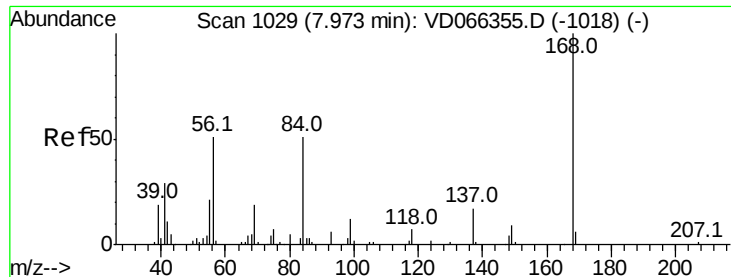
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	36359	18.346	ug/l	94
40) Benzene	8.35	78	85543	19.327	ug/l	94
41) Methacrylonitrile	7.56	41	17006	48.192	ug/l #	70
42) 1,2-Dichloroethane	8.42	62	38210	24.512	ug/l	98
43) Isopropyl Acetate	8.45	43	22184	19.315	ug/l	98
44) Trichloroethene	9.11	130	28549	19.851	ug/l	97
45) 1,2-Dichloropropane	9.38	63	17178	17.120	ug/l	98
46) Dibromomethane	9.47	93	12962	20.748	ug/l	95
47) Bromodichloromethane	9.66	83	38271	22.276	ug/l	98
48) Methyl methacrylate	9.45	41	11996	20.254	ug/l #	84
49) 1,4-Dioxane	9.45	88	3017	415.898	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	53889	96.989	ug/l	100
52) Toluene	10.40	92	61577	20.535	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	34020	20.868	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	35458	19.377	ug/l #	88
55) 1,1,2-Trichloroethane	10.80	97	17382	20.552	ug/l #	88
56) Ethyl methacrylate	10.66	69	19789	20.212	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	27659	19.771	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	41852	102.924	ug/l	94
59) 2-Hexanone	10.98	43	39249	100.147	ug/l	94
60) Dibromochloromethane	11.14	129	27576	21.631	ug/l	99
61) 1,2-Dibromoethane	11.25	107	16128	19.377	ug/l	96
64) Tetrachloroethene	10.87	164	26171	19.467	ug/l	95
65) Chlorobenzene	11.67	112	70650	20.038	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	29880	20.737	ug/l	96
67) Ethyl Benzene	11.74	91	122932	19.808	ug/l	97
68) m/p-Xylenes	11.86	106	95432	40.342	ug/l	94
69) o-Xylene	12.18	106	43425	19.733	ug/l	98
70) Styrene	12.20	104	78131	20.677	ug/l	98
71) Bromoform	12.36	173	18708	22.885	ug/l #	94
73) Isopropylbenzene	12.48	105	126884	19.403	ug/l	99
74) N-amyl acetate	12.29	43	20462	17.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	16272	17.419	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	25674	37.385	ug/l #	1
77) Bromobenzene	12.76	156	31501	18.979	ug/l	95
78) n-propylbenzene	12.82	91	137962	18.400	ug/l	94
79) 2-Chlorotoluene	12.91	91	82592	19.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	112679	19.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	6297	19.464	ug/l	90
82) 4-Chlorotoluene	13.01	91	87625	19.313	ug/l	95
83) tert-Butylbenzene	13.23	119	94674	19.305	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	111433	20.094	ug/l	99
85) sec-Butylbenzene	13.40	105	124939	19.444	ug/l	99
86) p-Isopropyltoluene	13.52	119	124500	20.095	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	63352	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	61710	19.837	ug/l	99
89) n-Butylbenzene	13.85	91	105011	19.207	ug/l	97
90) Hexachloroethane	14.11	117	21876	17.874	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	53794	20.169	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4058	20.712	ug/l	91

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	42484	20.403	ug/l	98
94) Hexachlorobutadiene	15.27	225	27026	20.886	ug/l	97
95) Naphthalene	15.41	128	67239	20.560	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	36925	20.701	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066479.D

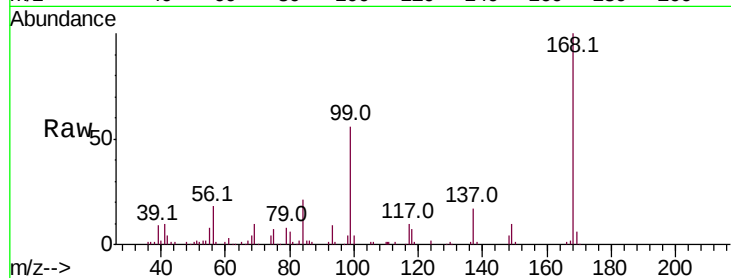
Acq: 31 Aug 2020 13:18

Tot Ion:168 Resp: 140667

Ion Ratio Lower Upper

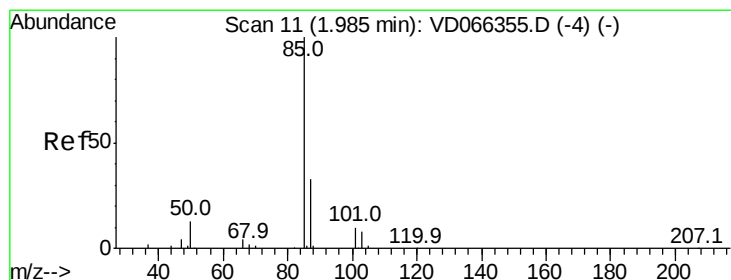
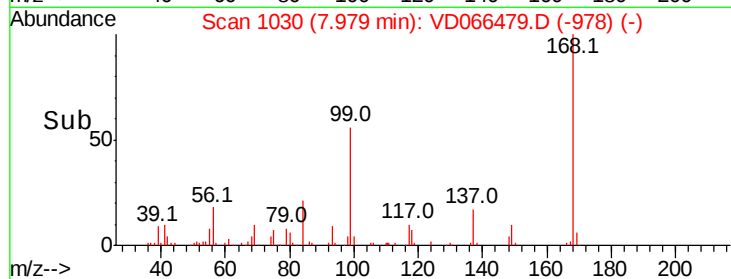
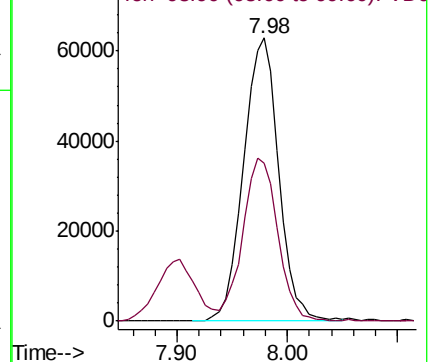
168 100

99 55.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.075 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066479.D

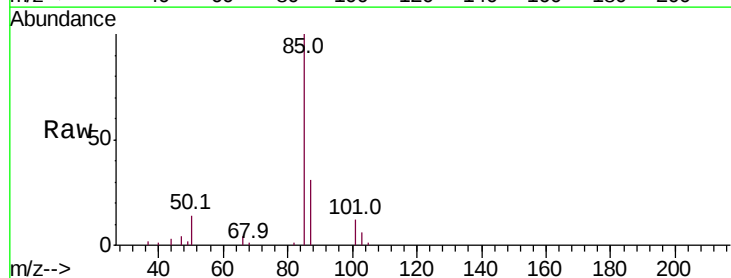
Acq: 31 Aug 2020 13:18

Tgt Ion: 85 Resp: 24007

Ion Ratio Lower Upper

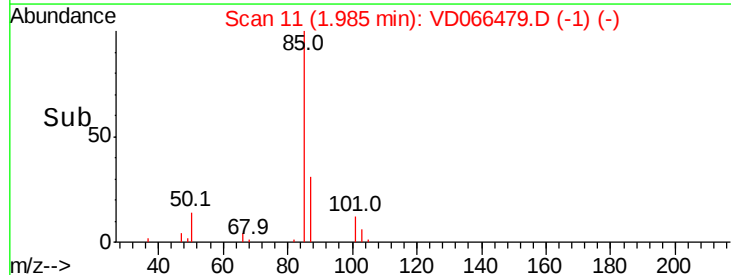
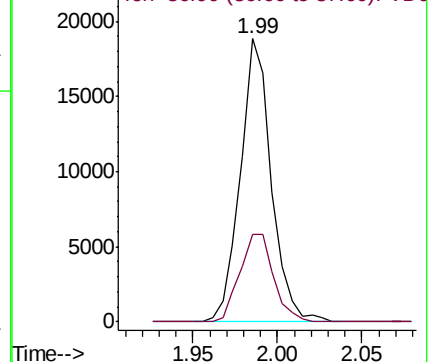
85 100

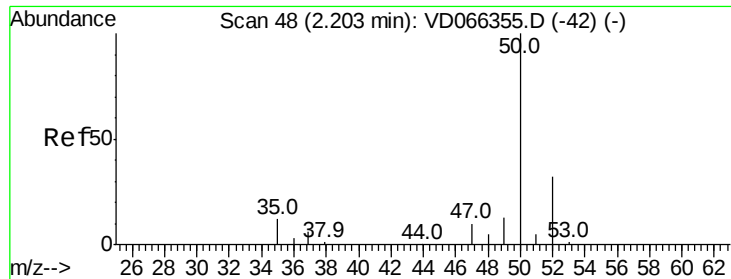
87 30.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.288 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066479.D

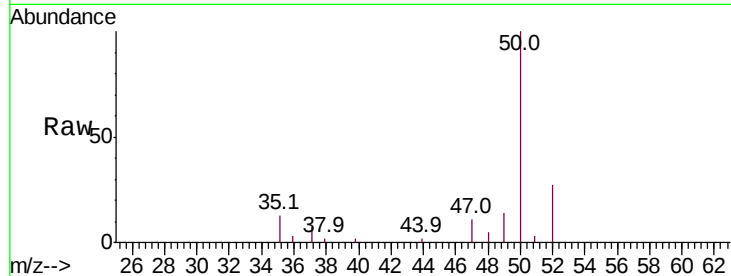
Acq: 31 Aug 2020 13:18

Tot Ion: 50 Resp: 14655

Ion Ratio Lower Upper

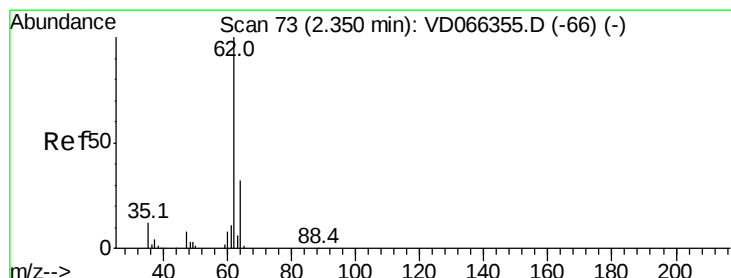
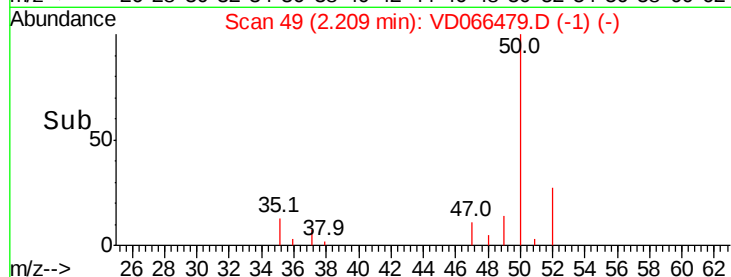
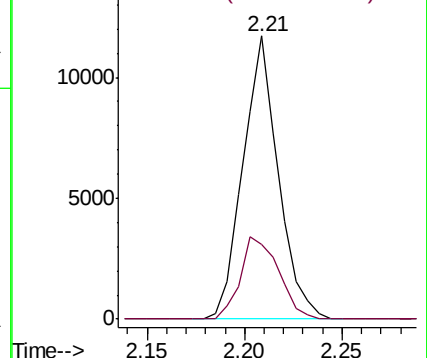
50 100

52 26.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.780 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066479.D

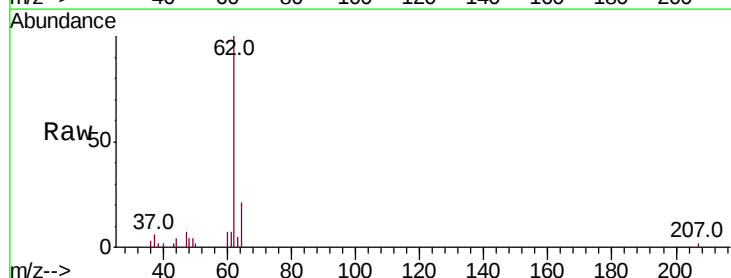
Acq: 31 Aug 2020 13:18

Tgt Ion: 62 Resp: 17092

Ion Ratio Lower Upper

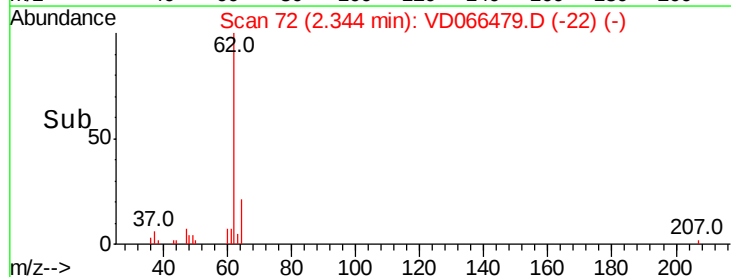
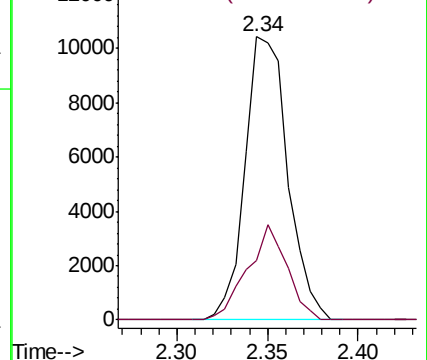
62 100

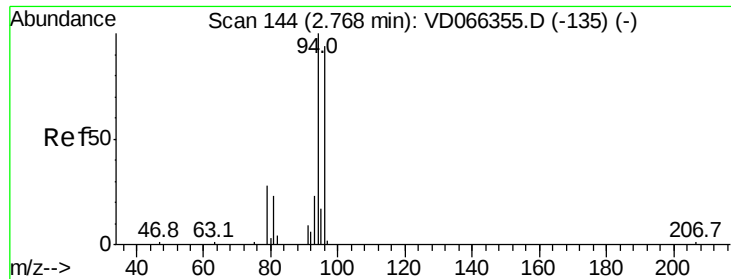
64 21.2 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.022 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066479.D

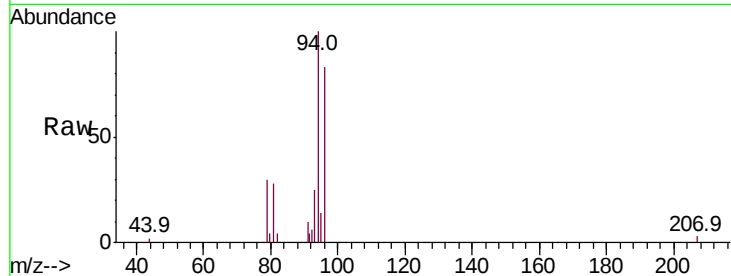
Acq: 31 Aug 2020 13:18

Tot Ion: 94 Resp: 14311

Ion Ratio Lower Upper

94 100

96 83.4 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

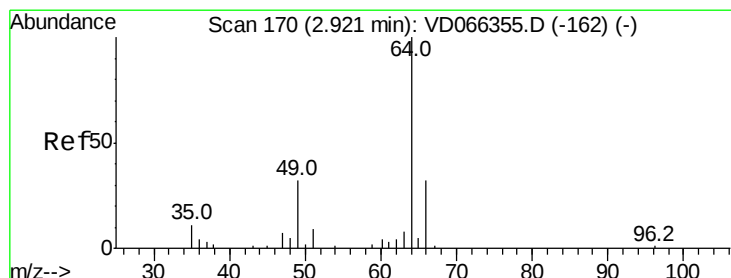
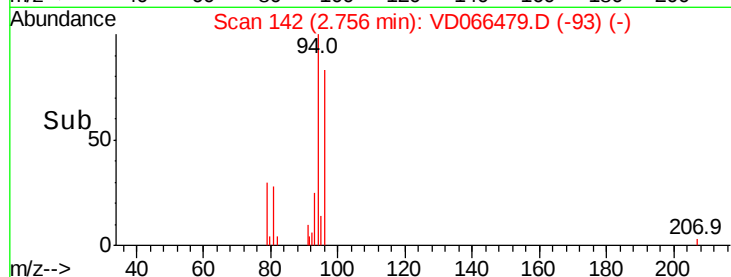
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 19.378 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066479.D

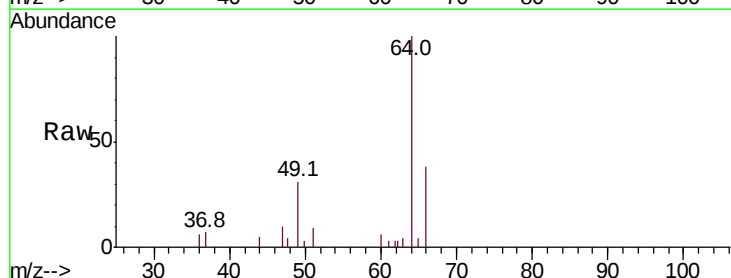
Acq: 31 Aug 2020 13:18

Tgt Ion: 64 Resp: 11293

Ion Ratio Lower Upper

64 100

66 38.3 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

5000

4000

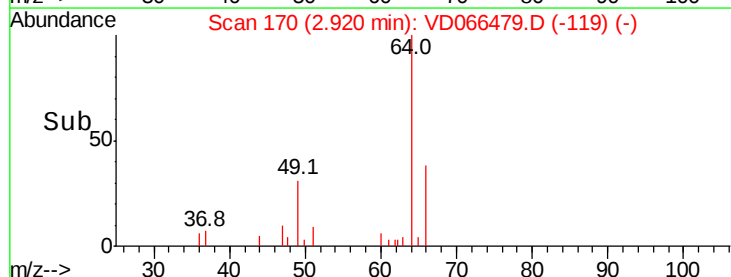
3000

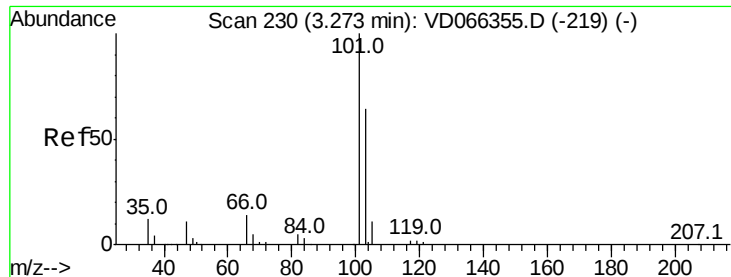
2000

1000

0

Time-->

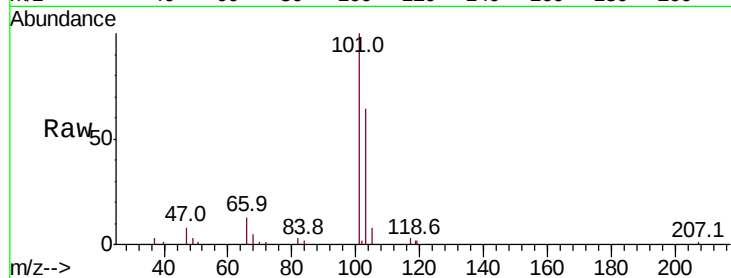




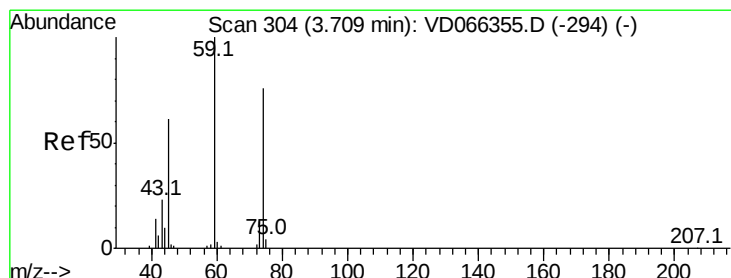
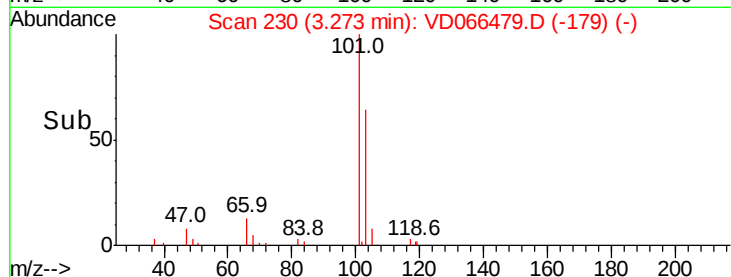
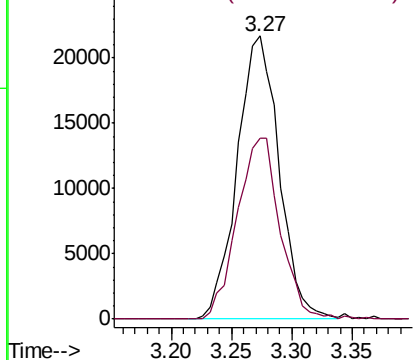
#7

Trichlorofluoromethane
 Concen: 21.176 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.4	77.0



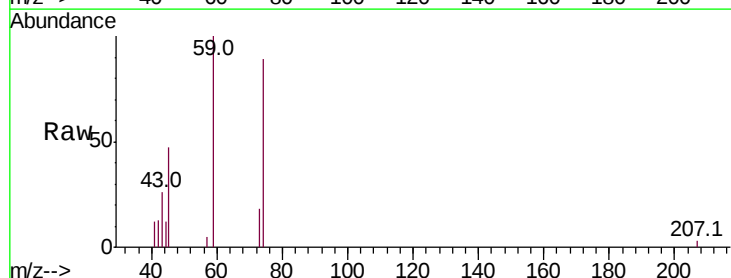
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



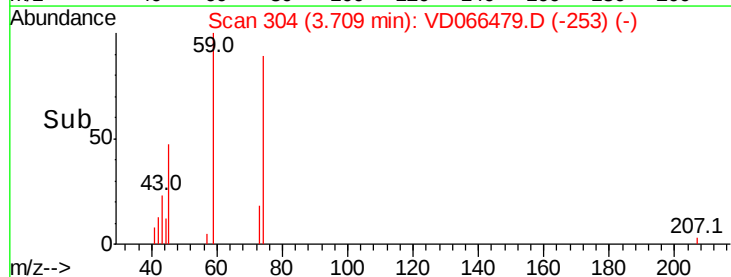
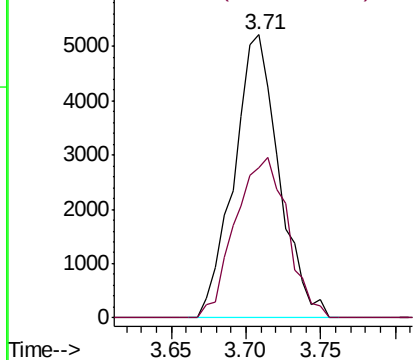
#8

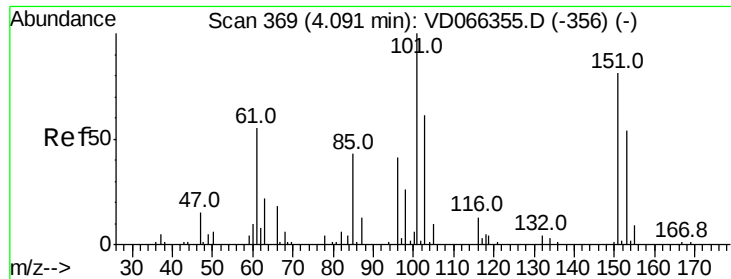
Diethyl Ether
 Concen: 19.738 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	65.6	42.8	128.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.272 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

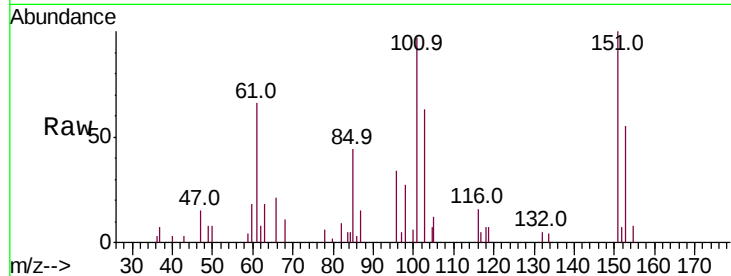
Tot Ion:101 Resp: 22317

Ion Ratio Lower Upper

101 100

85 50.0 36.4 54.6

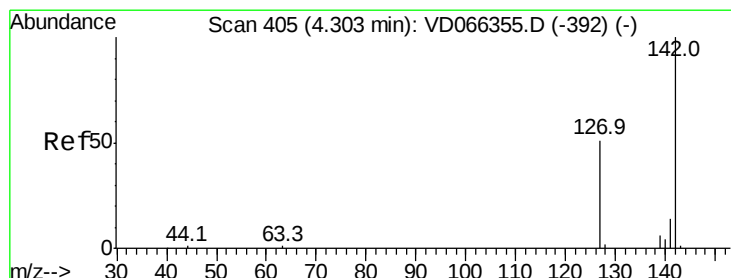
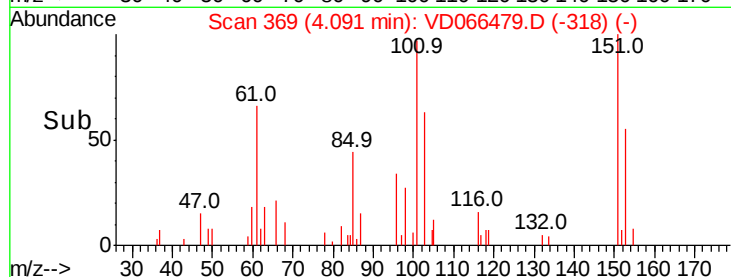
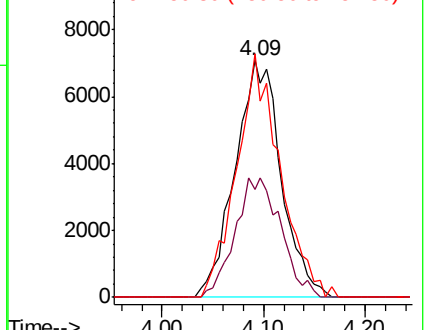
151 97.0 70.5 105.7



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: 16.374 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

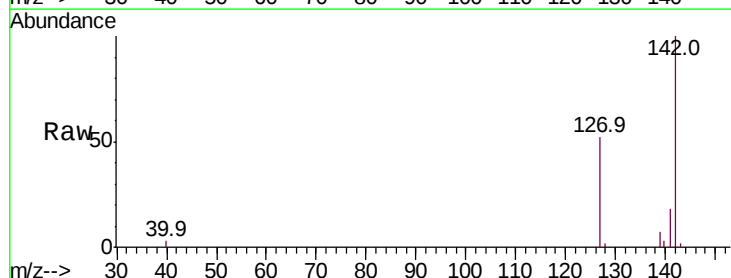
Tgt Ion:142 Resp: 22810

Ion Ratio Lower Upper

142 100

127 56.4 41.8 62.8

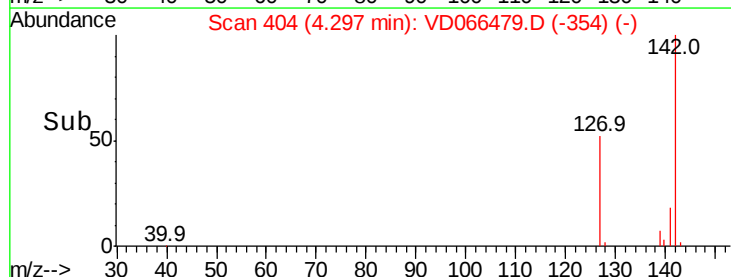
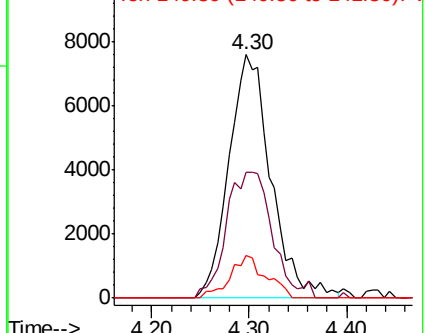
141 14.9 11.8 17.6

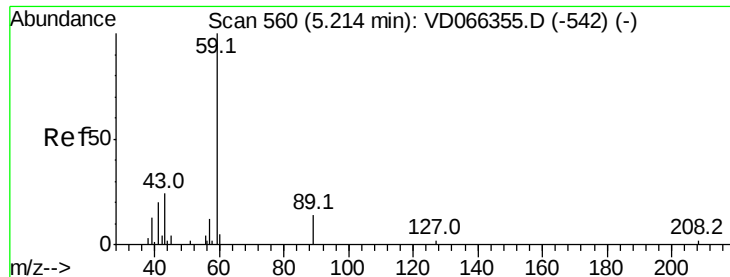


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 110.176 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD066479.D

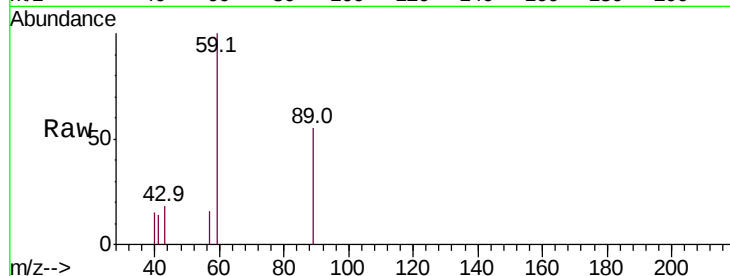
Acq: 31 Aug 2020 13:18

Tot Ion: 59 Resp: 10651

Ion Ratio Lower Upper

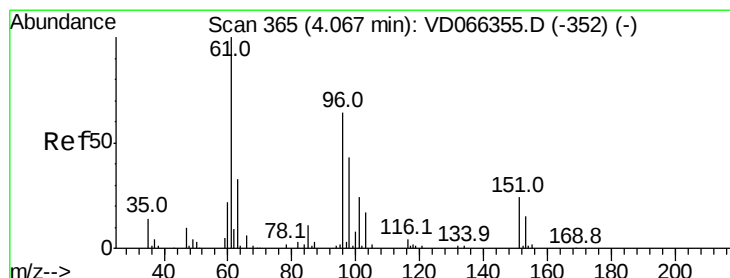
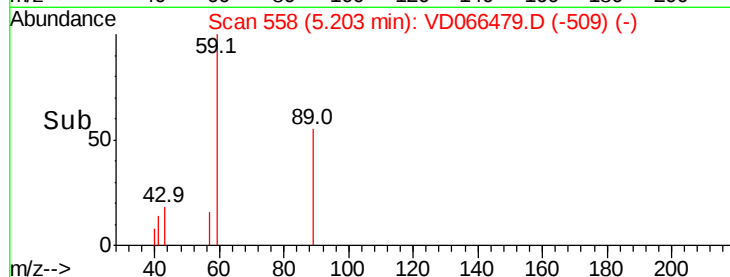
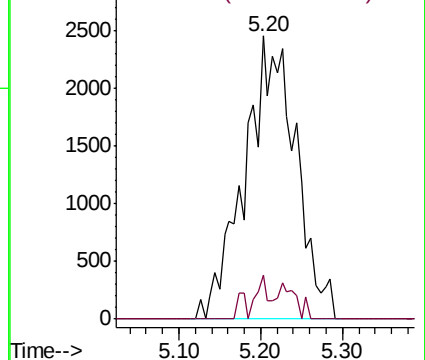
59 100

57 3.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 17.417 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

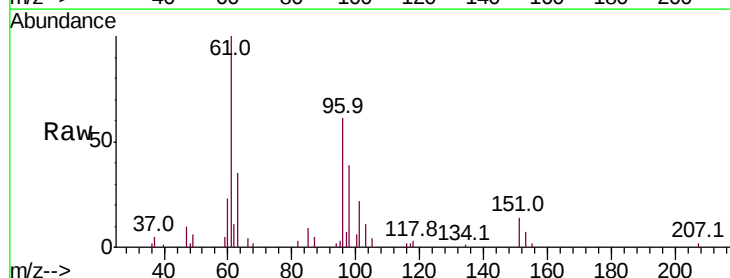
Tgt Ion: 96 Resp: 19968

Ion Ratio Lower Upper

96 100

61 162.7 124.3 186.5

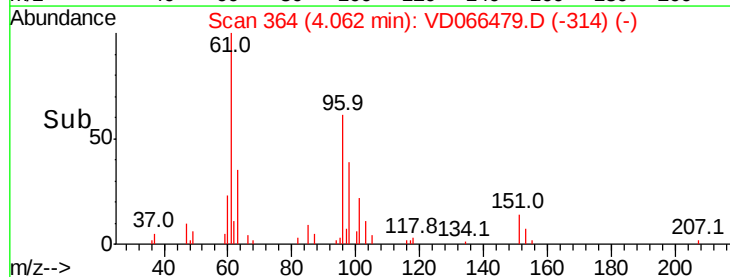
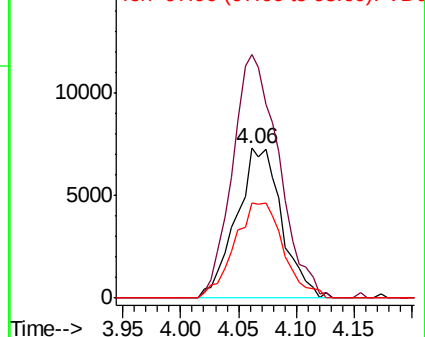
98 63.4 53.2 79.8

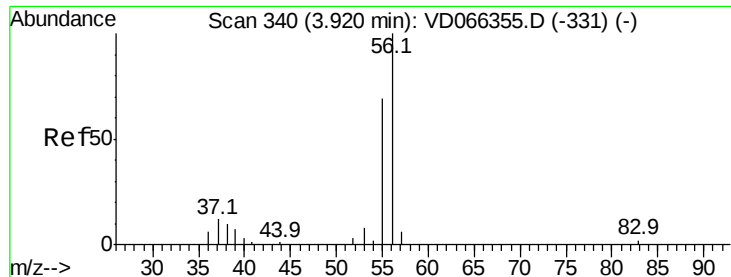


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 53.674 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066479.D

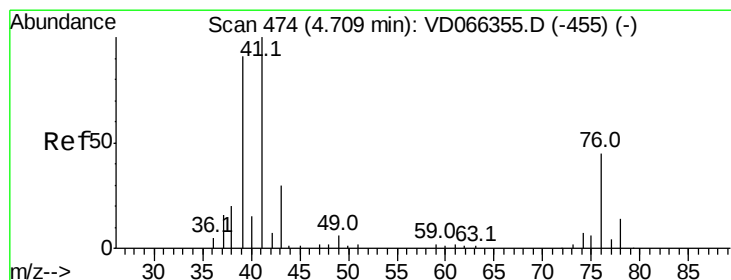
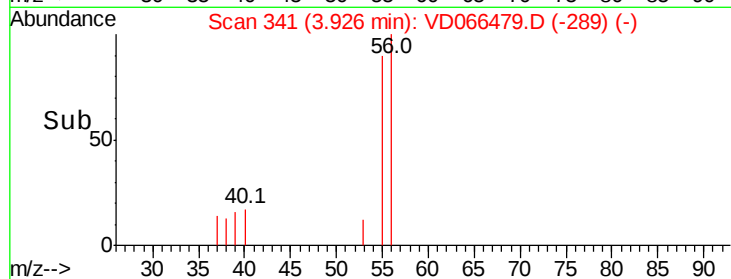
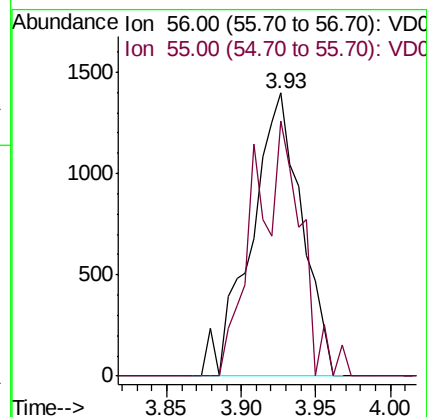
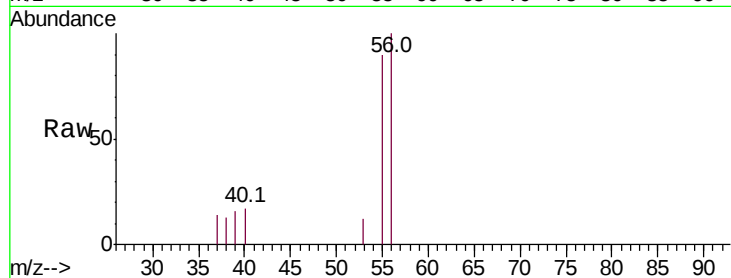
Acq: 31 Aug 2020 13:18

Tot Ion: 56 Resp: 3287

Ion Ratio Lower Upper

56 100

55 84.2 55.5 83.3#



#14

Allyl chloride

Concen: 14.602 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

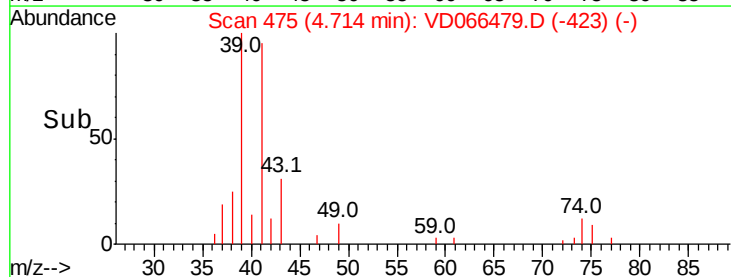
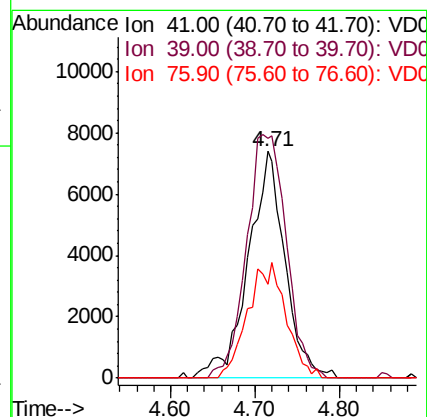
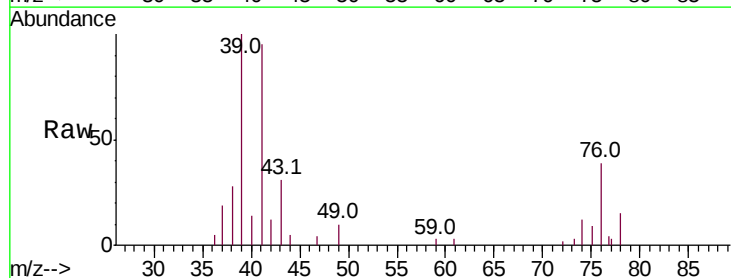
Tgt Ion: 41 Resp: 22345

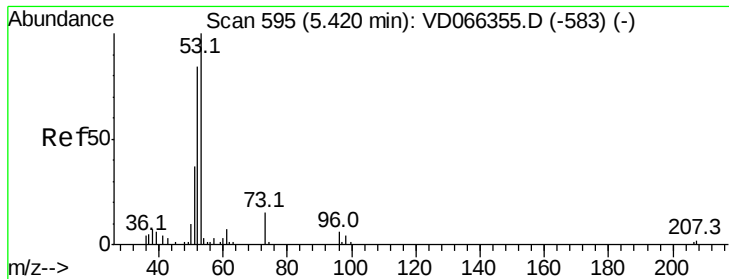
Ion Ratio Lower Upper

41 100

39 116.4 72.8 109.2#

76 29.0 34.0 51.0#





#15

Acrylonitrile

Concen: 89.162 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

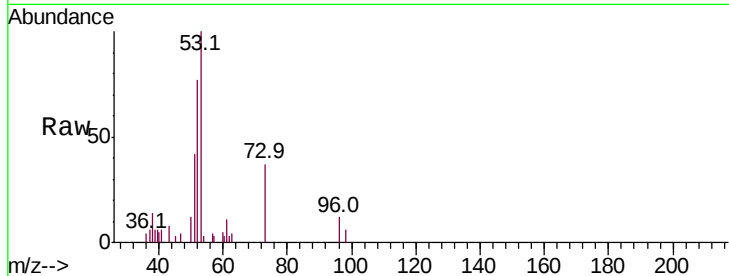
Tot Ion: 53 Resp: 19837

Ion Ratio Lower Upper

53 100

52 85.1 68.1 102.1

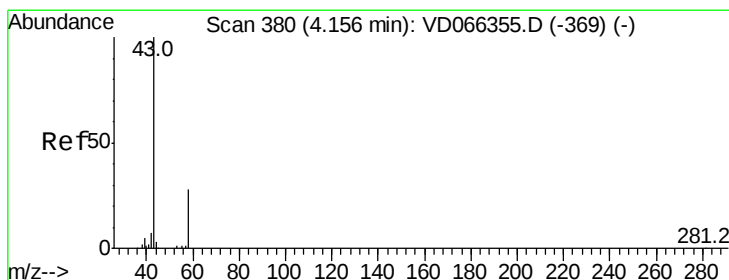
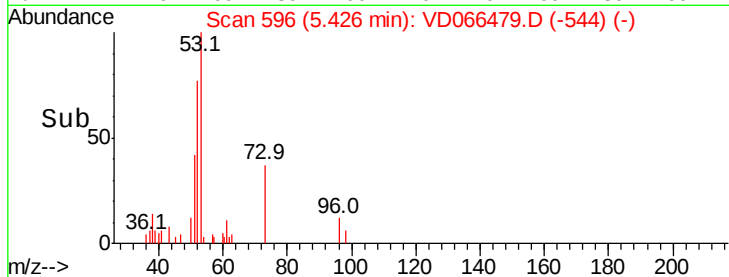
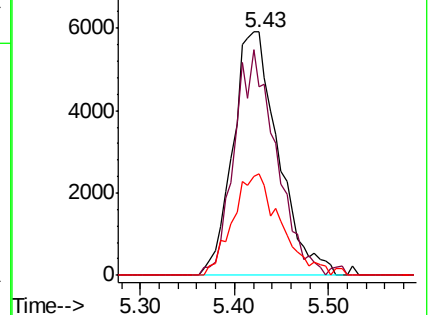
51 43.8 33.8 50.6



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: 102.812 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066479.D

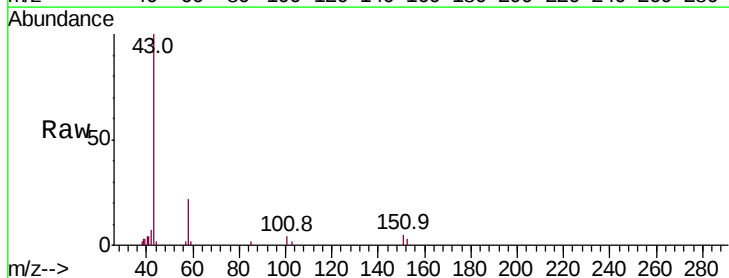
Acq: 31 Aug 2020 13:18

Tgt Ion: 43 Resp: 25562

Ion Ratio Lower Upper

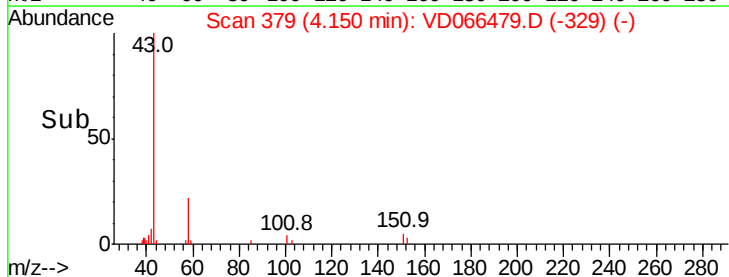
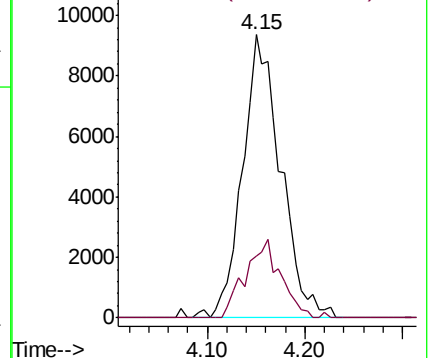
43 100

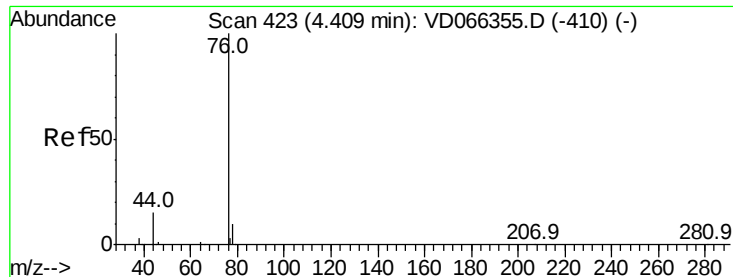
58 21.9 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 15.566 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066479.D

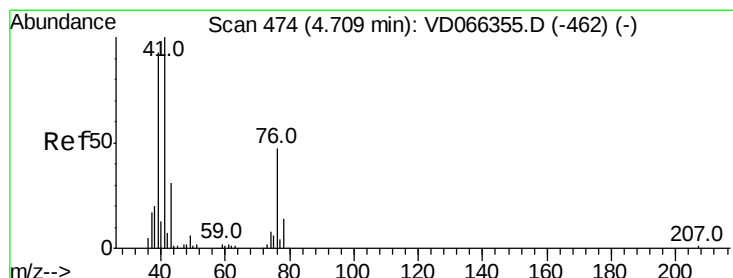
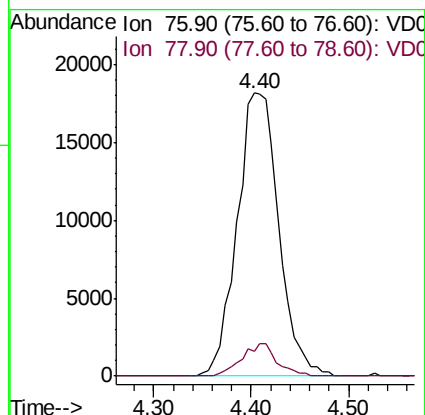
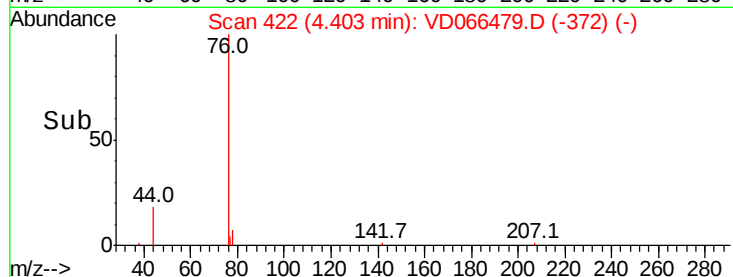
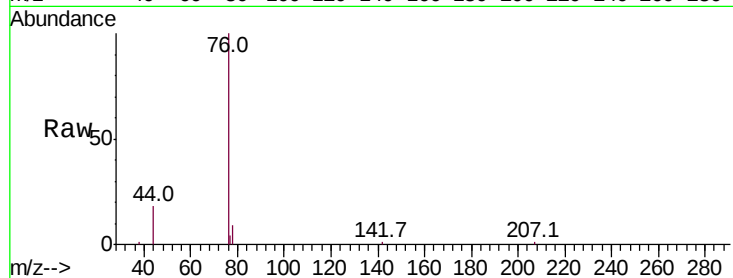
Acq: 31 Aug 2020 13:18

Tot Ion: 76 Resp: 54085

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5



#18

Methyl Acetate

Concen: 17.729 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066479.D

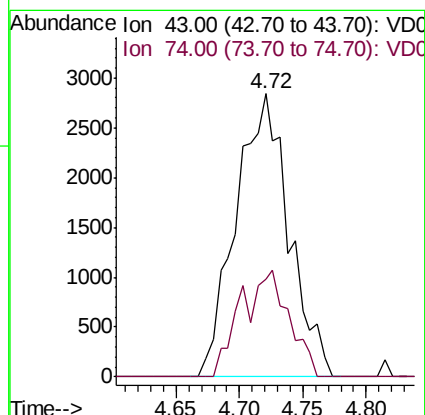
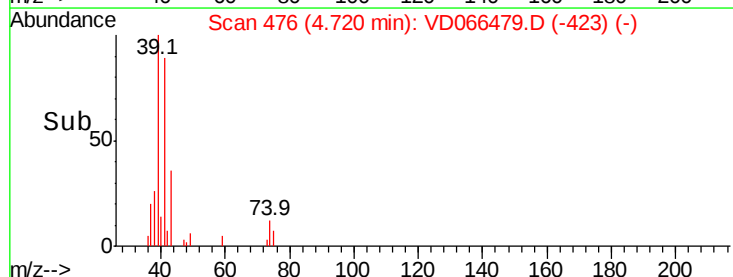
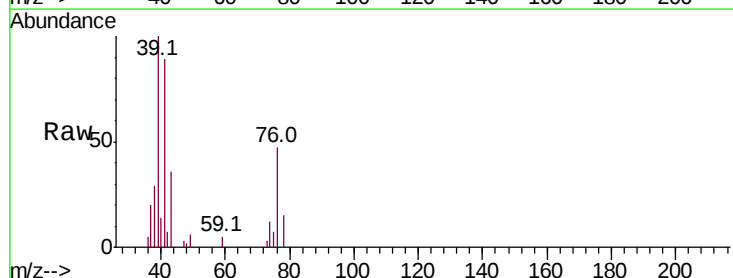
Acq: 31 Aug 2020 13:18

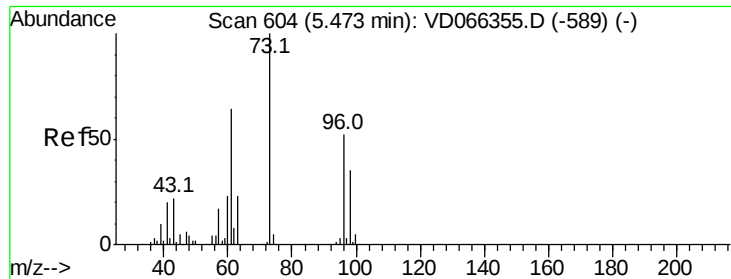
Tgt Ion: 43 Resp: 8273

Ion Ratio Lower Upper

43 100

74 22.8 21.0 31.6

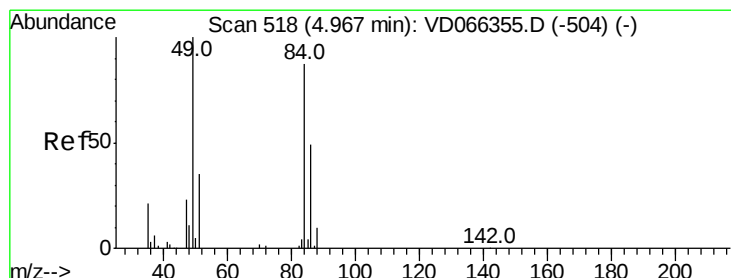
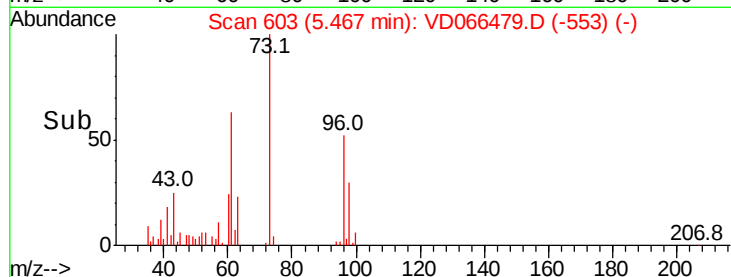
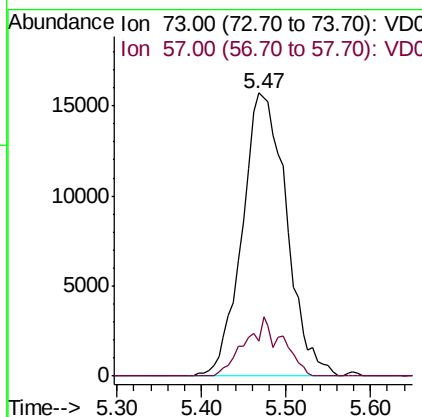
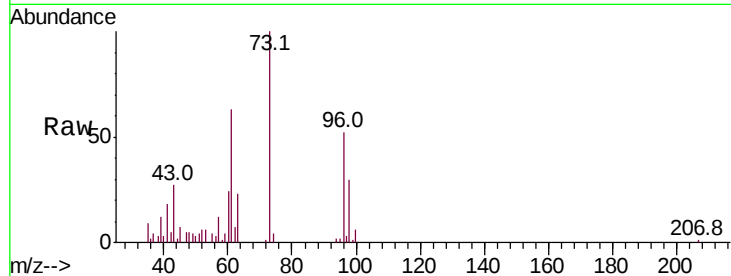




#19

Methyl tert-butyl Ether
 Concen: 20.709 ug/l
 RT: 5.47 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

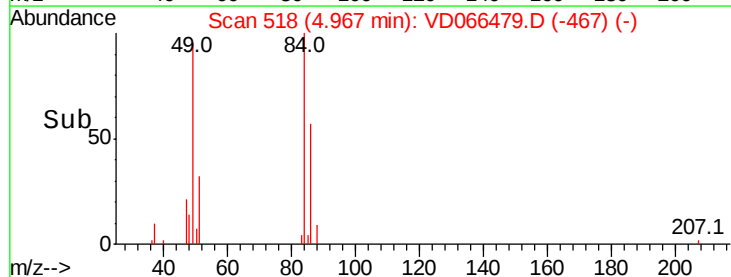
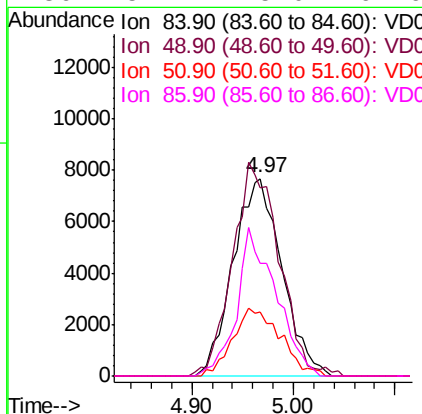
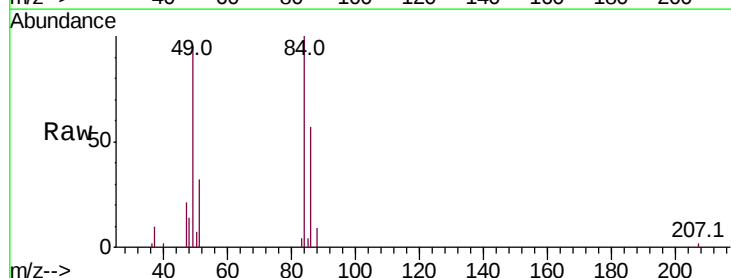
Tot Ion: 73 Resp: 57169
 Ion Ratio Lower Upper
 73 100
 57 12.3 13.8 20.6#

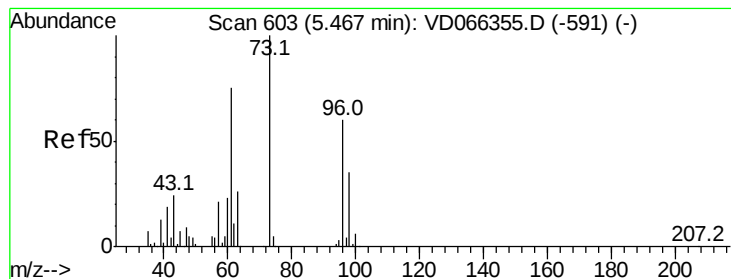


#20

Methylene Chloride
 Concen: 14.835 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tgt Ion: 84 Resp: 25627
 Ion Ratio Lower Upper
 84 100
 49 95.2 92.5 138.7
 51 32.4 32.5 48.7#
 86 57.1 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 17.544 ug/l

RT: 5.47 min Scan# 603

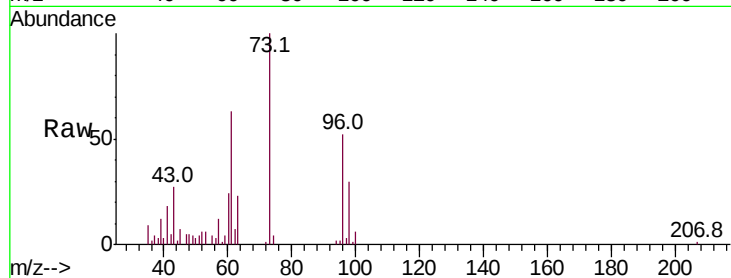
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tot Ion: 96 Resp: 23413

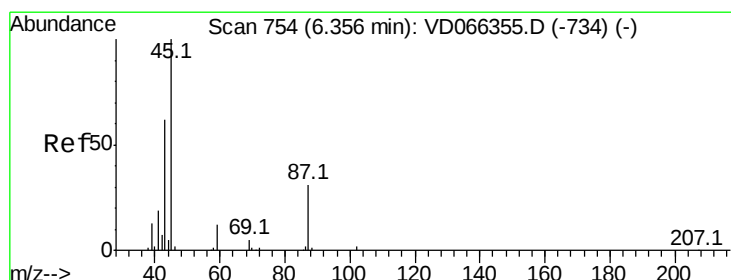
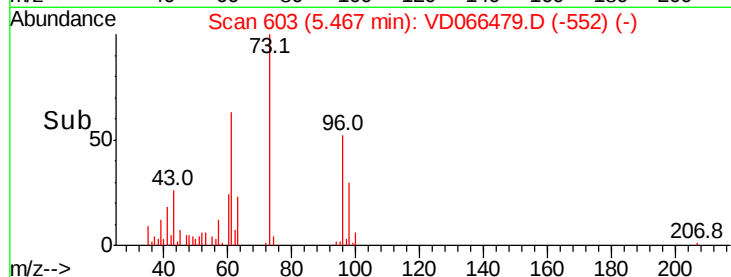
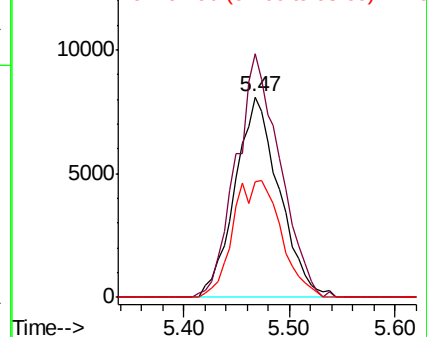
Ion	Ratio	Lower	Upper
96	100		
61	121.5	101.1	151.7
98	58.0	47.0	70.6



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: 16.218 ug/l

RT: 6.36 min Scan# 755

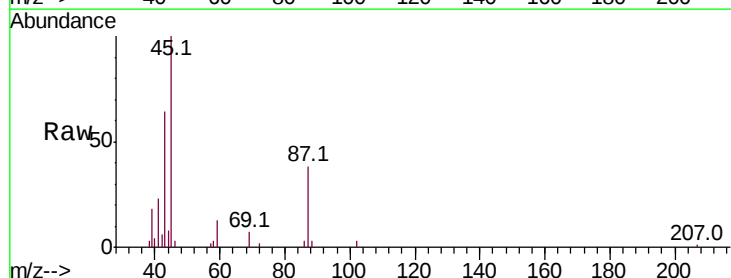
Delta R.T. 0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tgt Ion: 45 Resp: 48049

Ion	Ratio	Lower	Upper
45	100		
43	62.3	49.8	74.8
87	37.7	25.0	37.6#
59	13.4	9.6	14.4

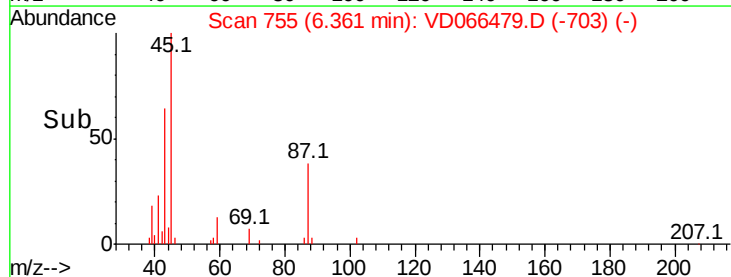
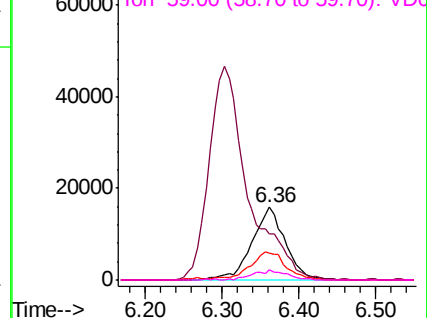


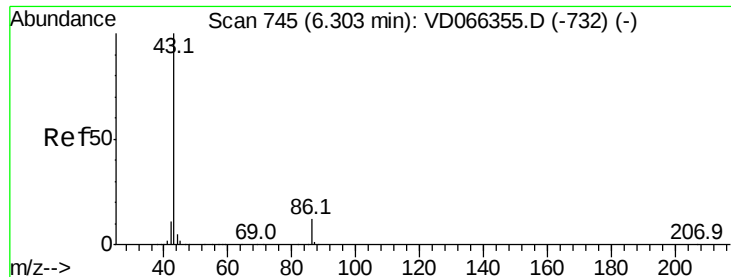
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 88.804 ug/l

RT: 6.30 min Scan# 745

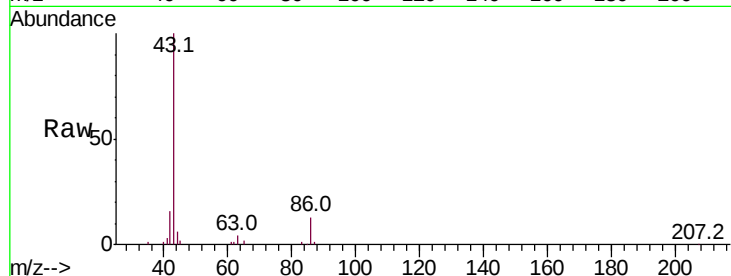
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

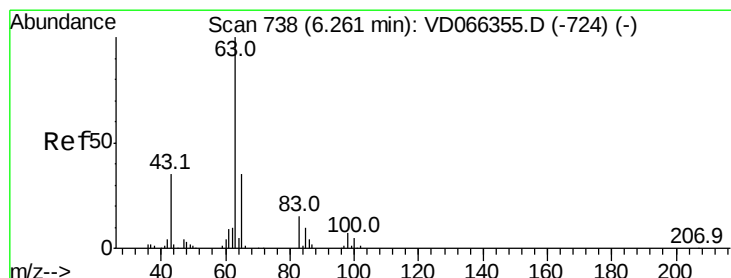
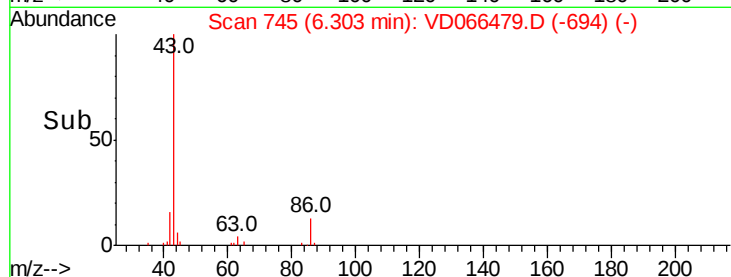
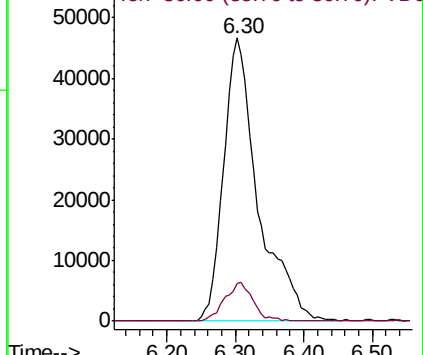
Tot Ion: 43 Resp: 162879

Ion	Ratio	Lower	Upper
43	100		
86	13.4	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: 18.086 ug/l

RT: 6.26 min Scan# 738

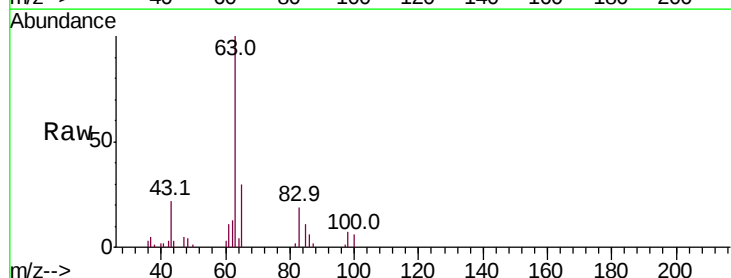
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tgt Ion: 63 Resp: 37868

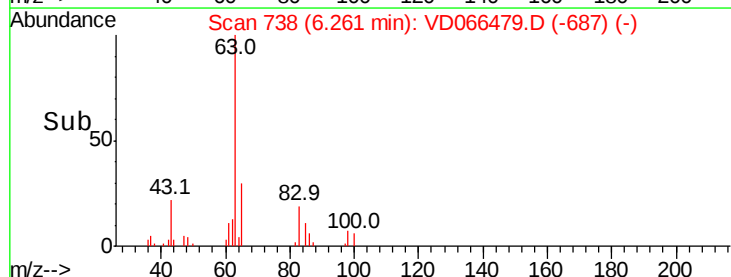
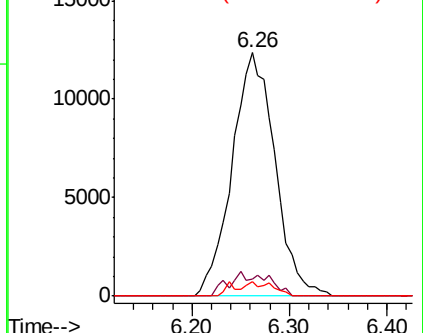
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.6
100	5.7	2.5	7.6

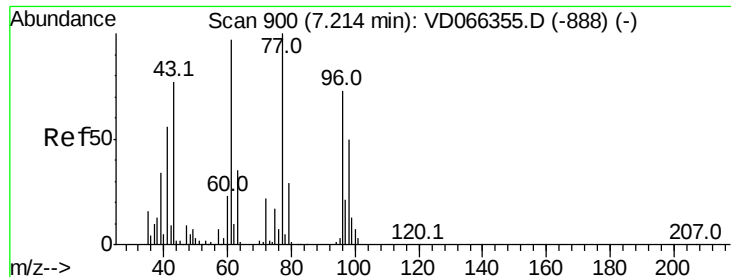


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 90.751 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066479.D

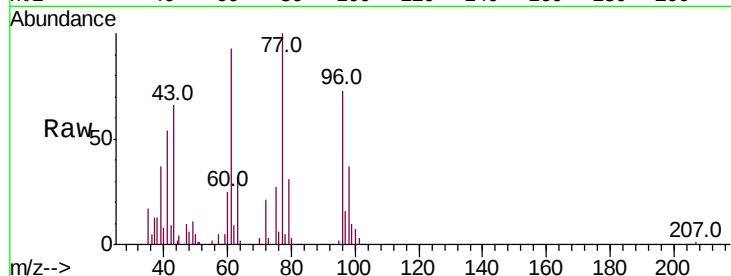
Acq: 31 Aug 2020 13:18

Tot Ion: 43 Resp: 25615

Ion Ratio Lower Upper

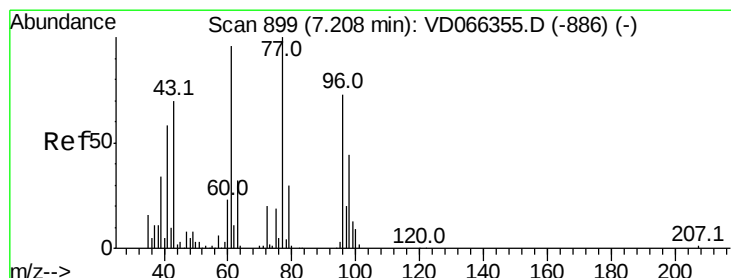
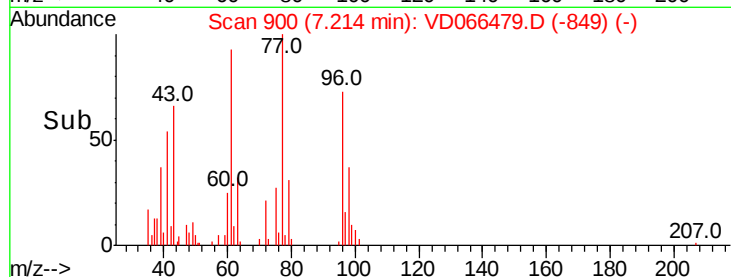
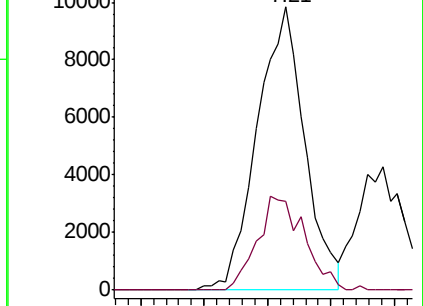
43 100

72 31.5 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: 20.900 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066479.D

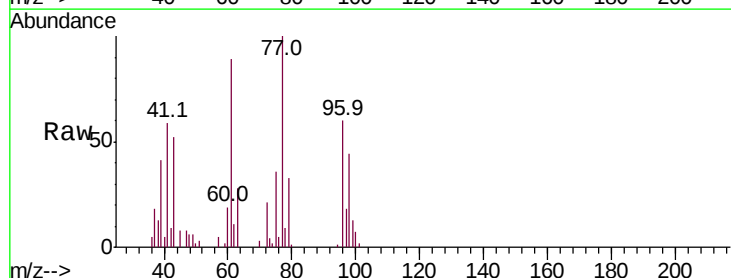
Acq: 31 Aug 2020 13:18

Tgt Ion: 77 Resp: 46900

Ion Ratio Lower Upper

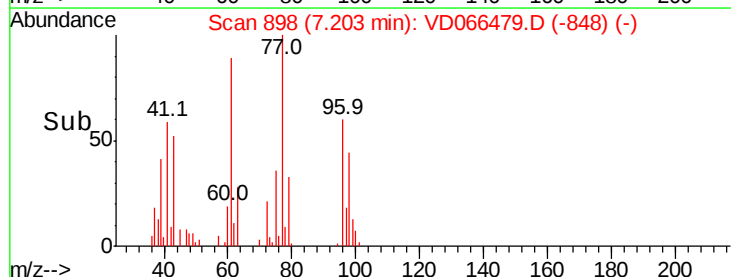
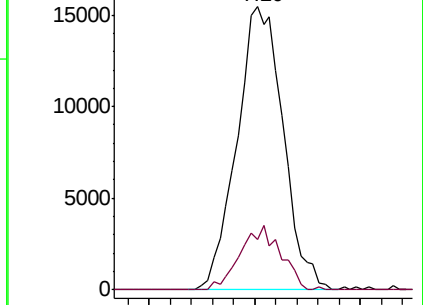
77 100

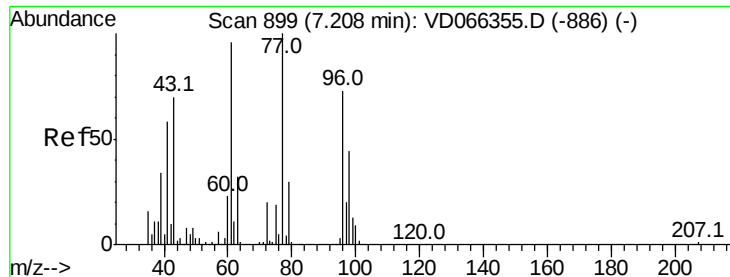
97 19.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

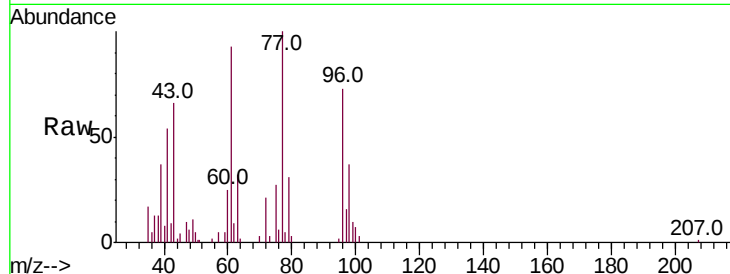
Ion 96.90 (96.60 to 97.60): VDC



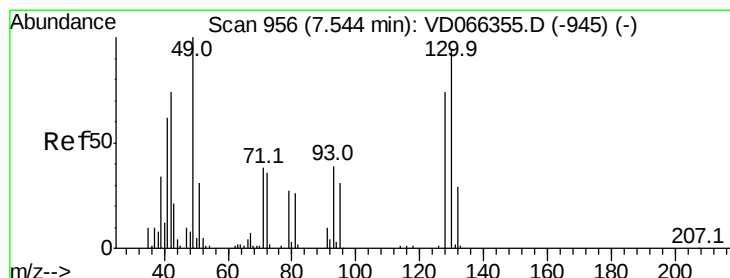
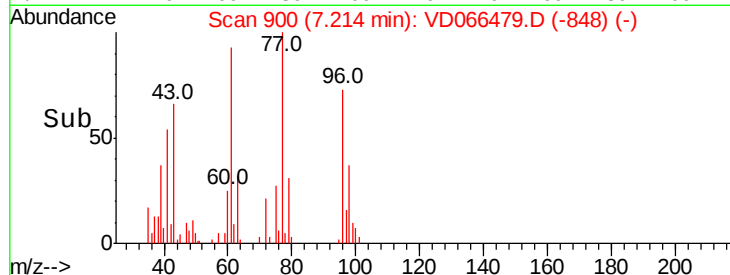
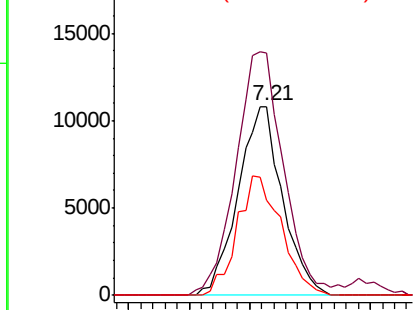


#27
 cis-1,2-Dichloroethene
 Concen: 19.341 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tot Ion:	96	Resp:	27658
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	281.4
98	62.6	0.0	132.2

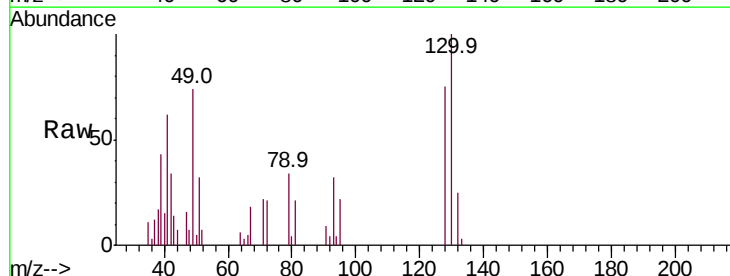


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

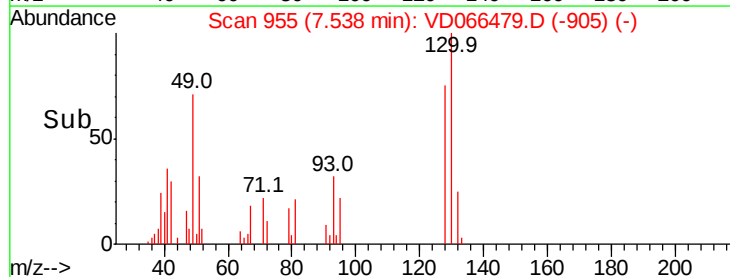
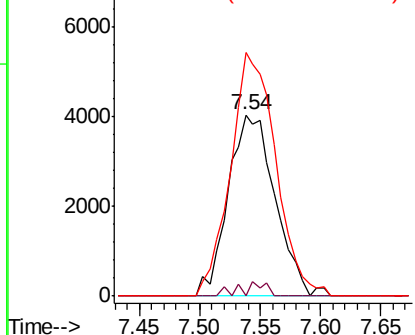


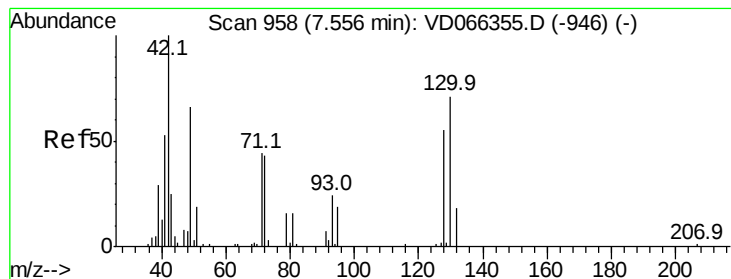
#28
 Bromochloromethane
 Concen: 15.189 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tgt Ion:	49	Resp:	10954
Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	3.0#
130	129.4	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: 81.095 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

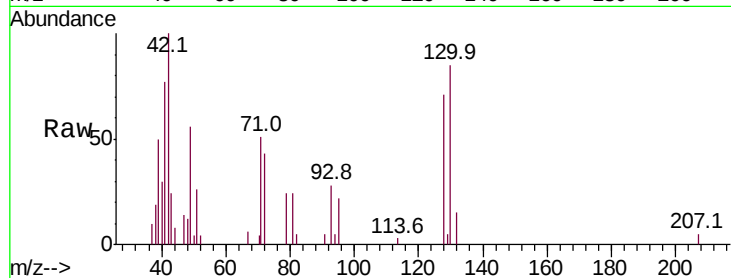
Tot Ion: 42 Resp: 13001

Ion Ratio Lower Upper

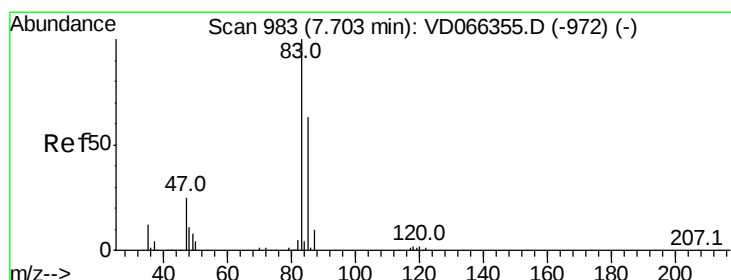
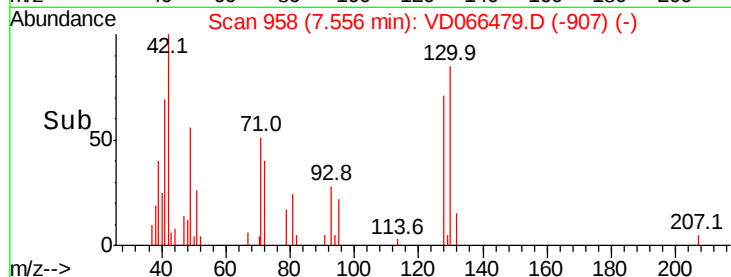
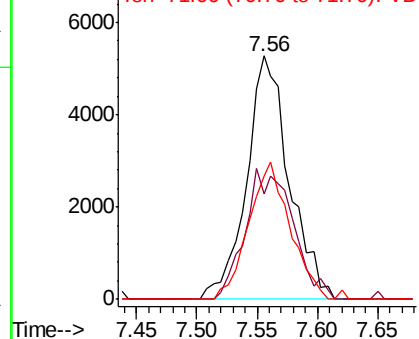
42 100

72 59.7 41.0 61.4

71 54.6 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: 20.524 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066479.D

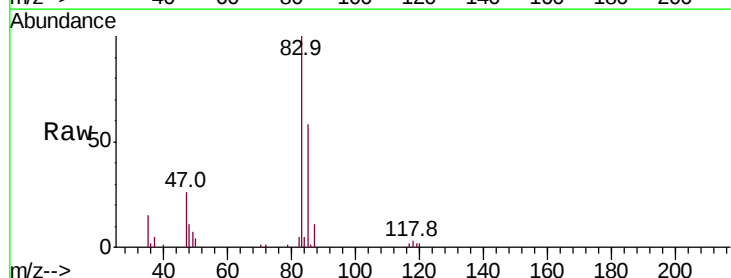
Acq: 31 Aug 2020 13:18

Tgt Ion: 83 Resp: 49718

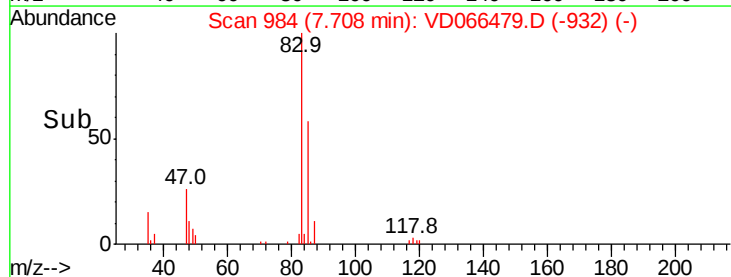
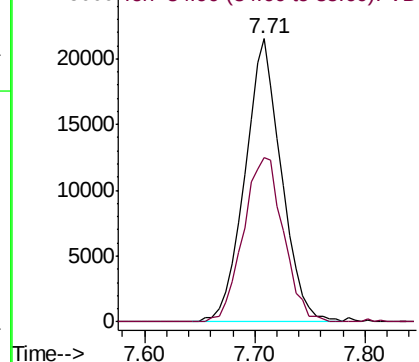
Ion Ratio Lower Upper

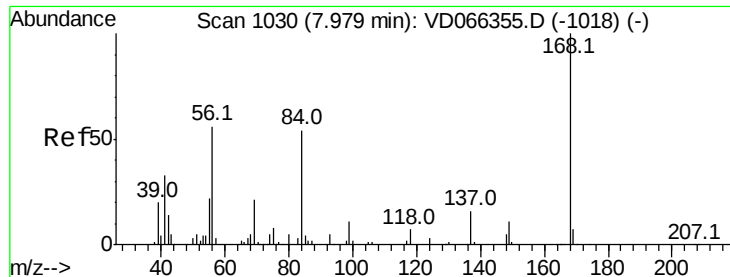
83 100

85 58.1 50.3 75.5



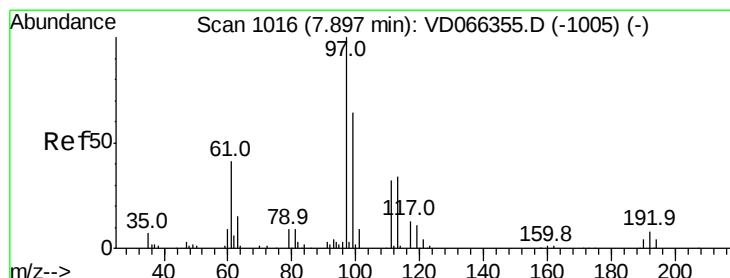
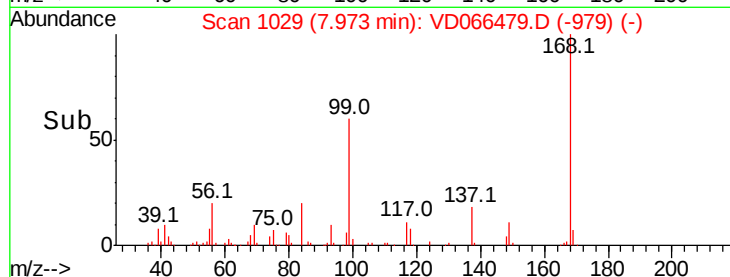
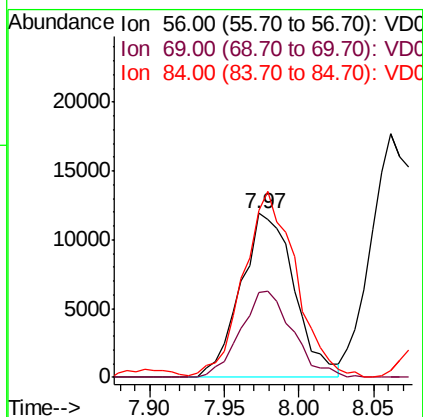
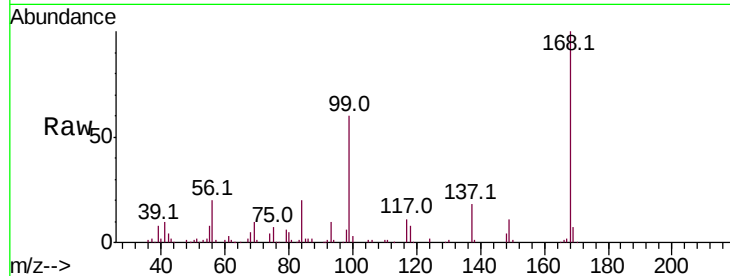
Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





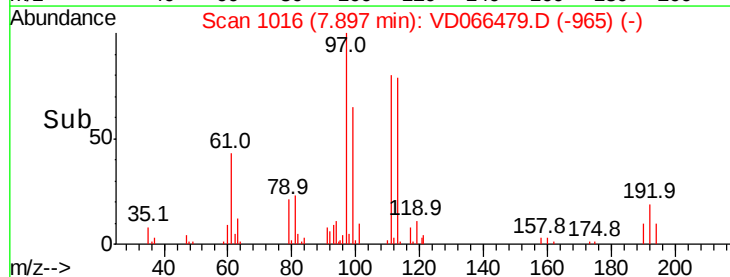
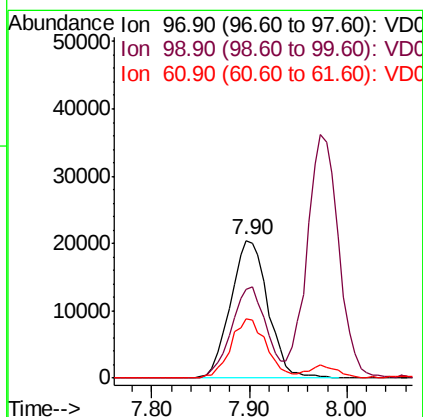
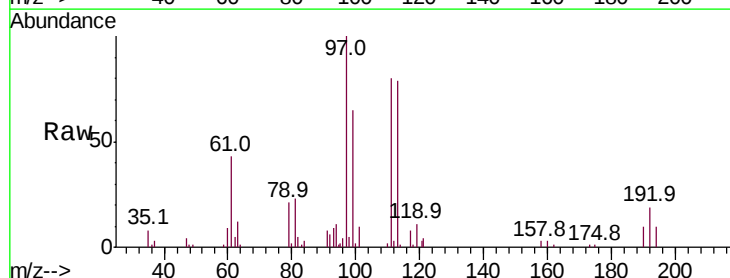
#31
Cyclohexane
Concen: 15.515 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

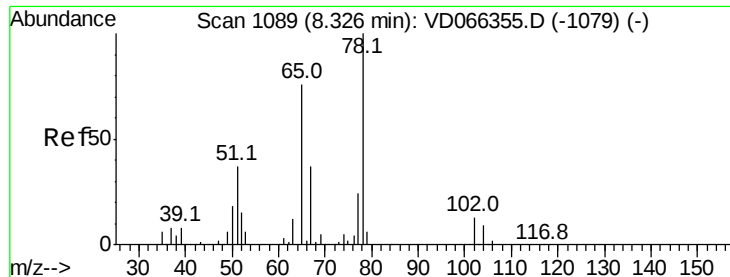
Tot Ion: 56 Resp: 29710
Ion Ratio Lower Upper
56 100
69 51.5 29.6 44.4#
84 100.2 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 21.875 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion: 97 Resp: 54233
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 41.4 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 59.187 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066479.D

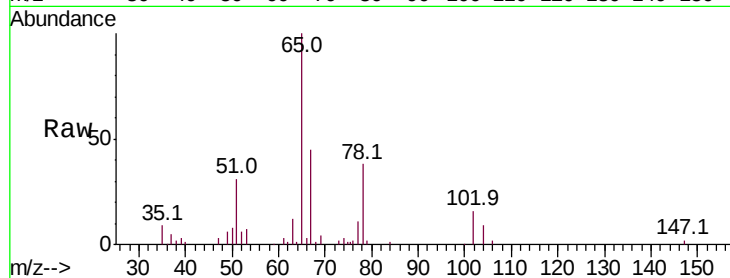
Acq: 31 Aug 2020 13:18

Tot Ion: 65 Resp: 81624

Ion Ratio Lower Upper

65 100

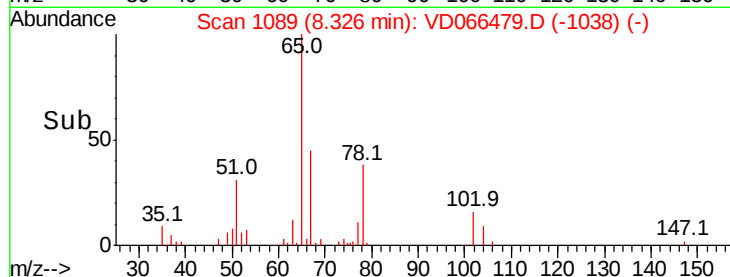
67 45.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

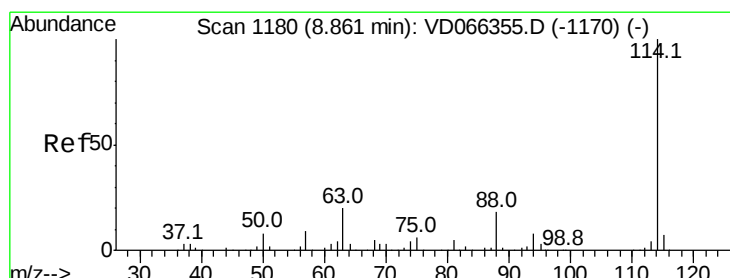


Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

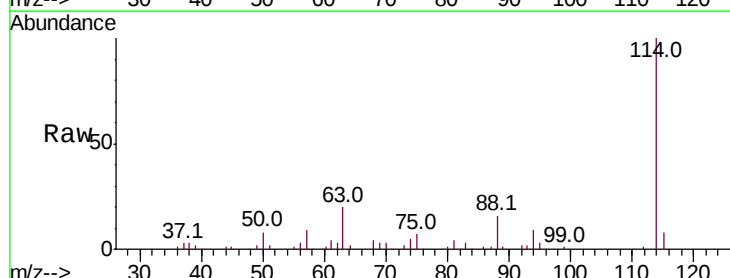
Tgt Ion: 114 Resp: 184391

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.7 0.0 35.4

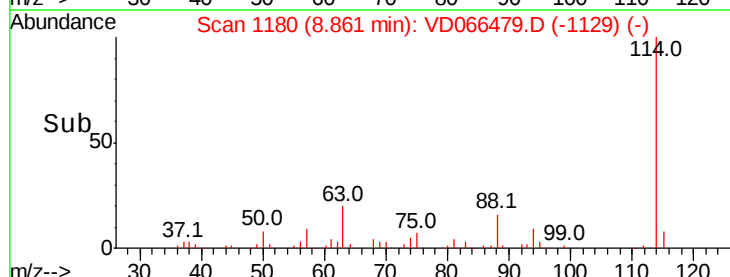


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86



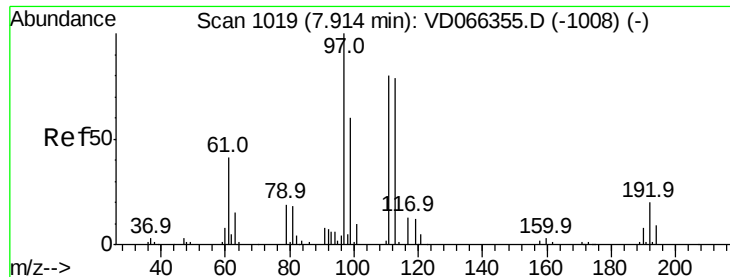
Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

Time-->



#35

Dibromofluoromethane

Concen: 53.908 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

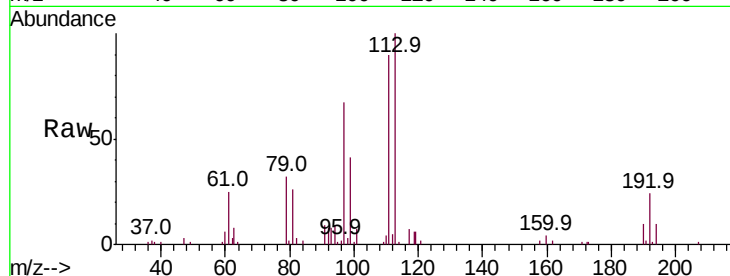
Tot Ion:113 Resp: 62157

Ion	Ratio	Lower	Upper
113	100		
111	98.8	80.3	120.5
192	24.2	19.0	28.6

113 100

111 98.8 80.3 120.5

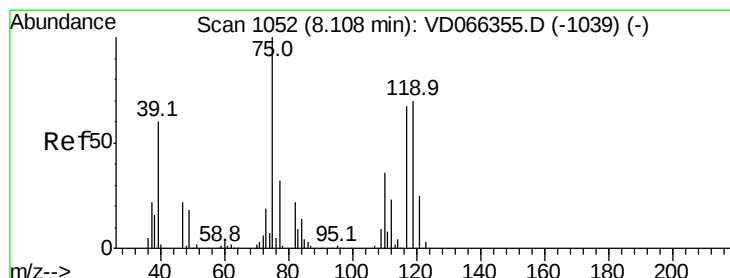
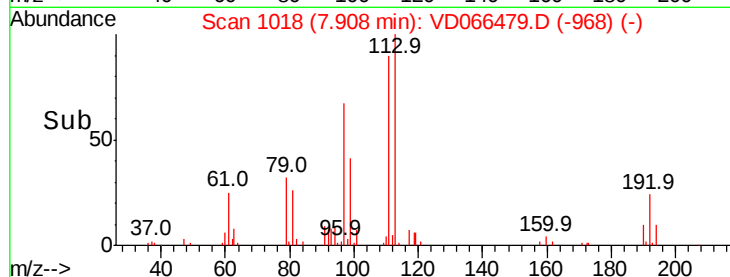
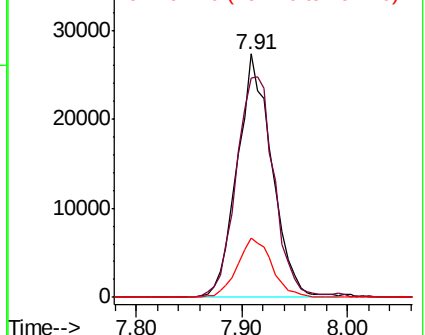
192 24.2 19.0 28.6



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: 19.176 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

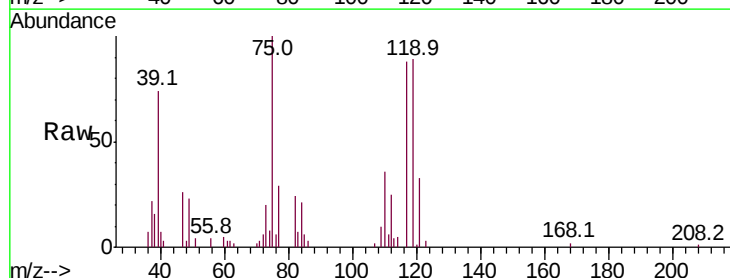
Tgt Ion: 75 Resp: 32263

Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.7	56.1
77	29.9	25.2	37.8

75 100

110 38.5 18.7 56.1

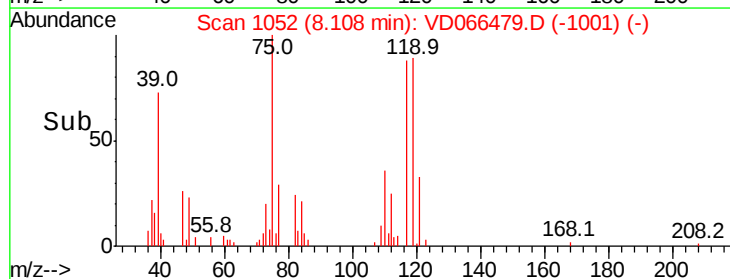
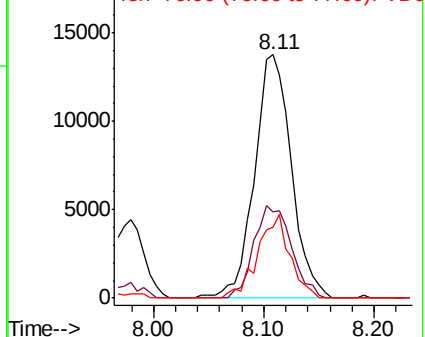
77 29.9 25.2 37.8

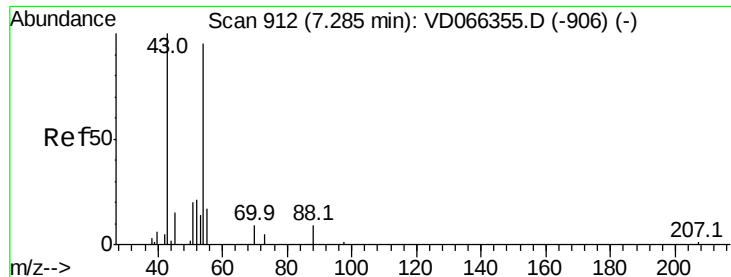


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

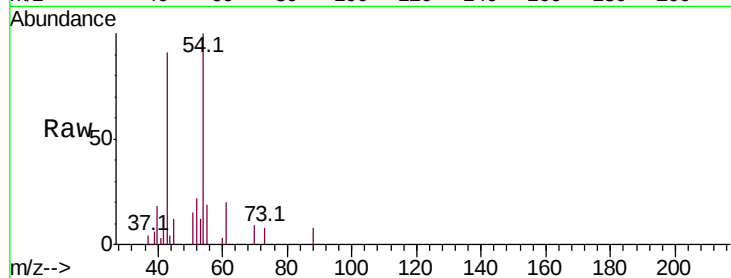
Ion 76.90 (76.60 to 77.60): V



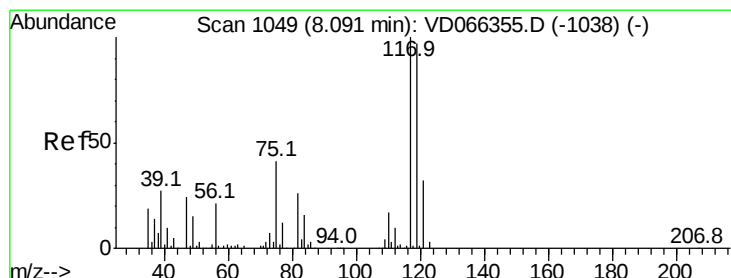
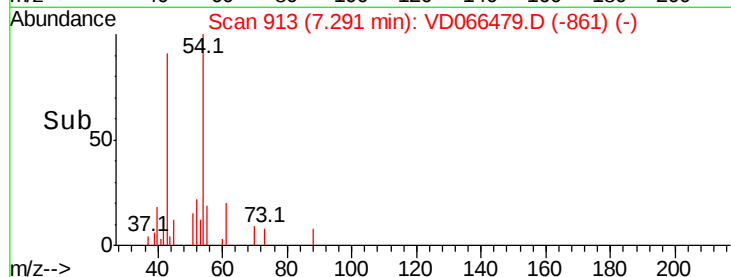
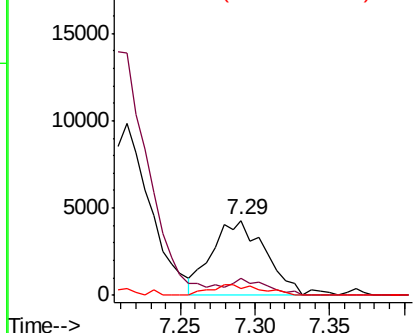


#37
Ethyl Acetate
Concen: 18.867 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tot Ion	43	Resp	10796
Ion Ratio	100		
Lower	13.3		
Upper	19.9		
70	13.3	3.5	5.3#

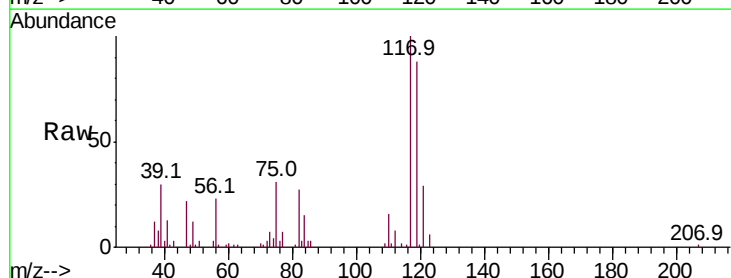


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

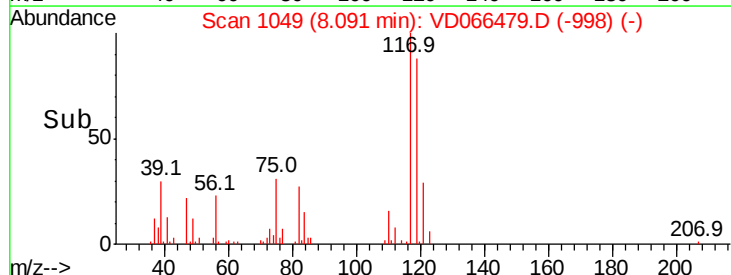
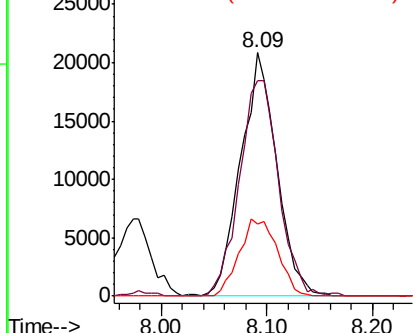


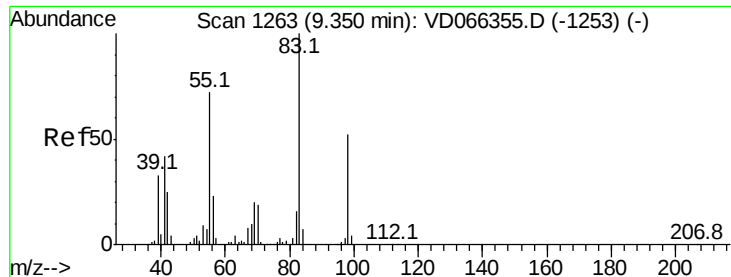
#38
Carbon Tetrachloride
Concen: 22.639 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion	117	Resp	49623
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	77.2		
Upper	115.8		
119	88.3	25.8	38.8
121	29.5		



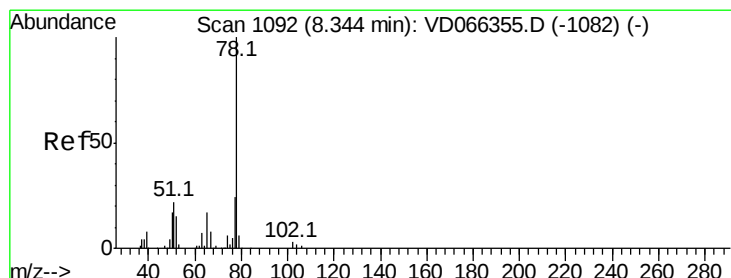
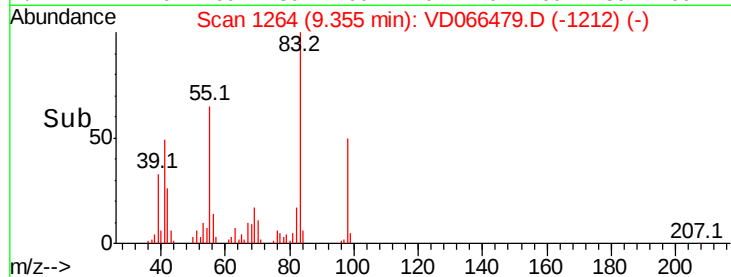
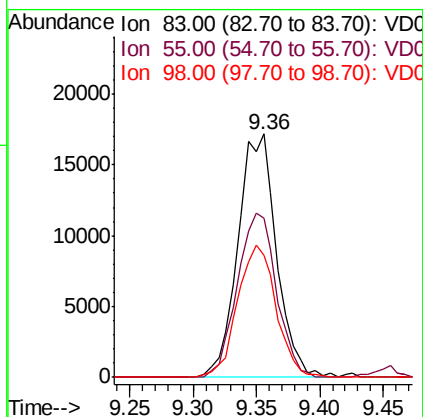
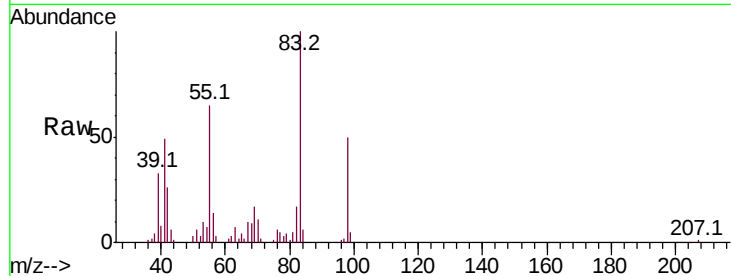
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





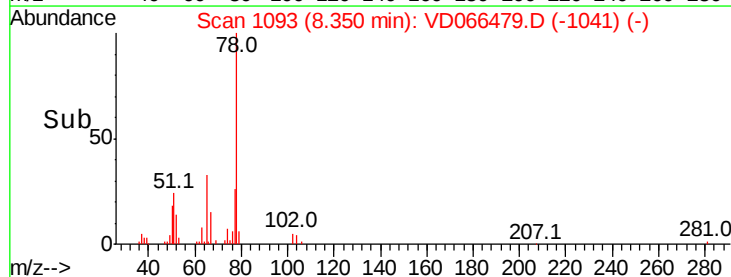
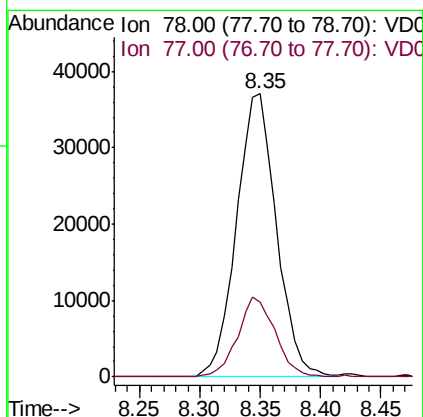
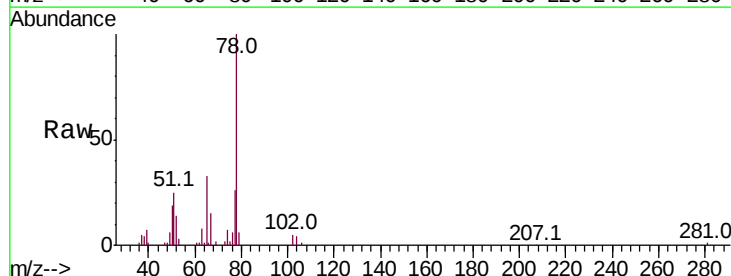
#39
Methvlcvclohexane
Concen: 18.346 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

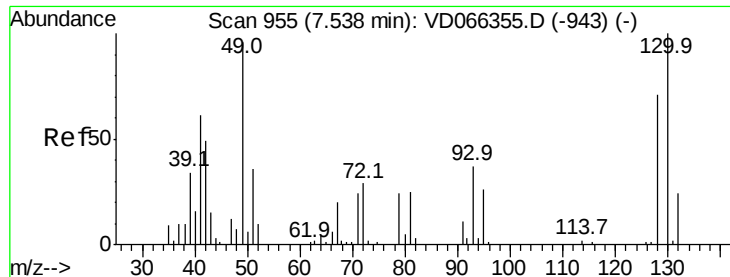
Tot Ion: 83 Resp: 36359
Ion Ratio Lower Upper
83 100
55 65.3 58.0 87.0
98 49.9 41.9 62.9



#40
Benzene
Concen: 19.327 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion: 78 Resp: 85543
Ion Ratio Lower Upper
78 100
77 26.4 18.8 28.2





#41

Methacrylonitrile

Concen: 48.192 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tot Ion: 41 Resp: 17006

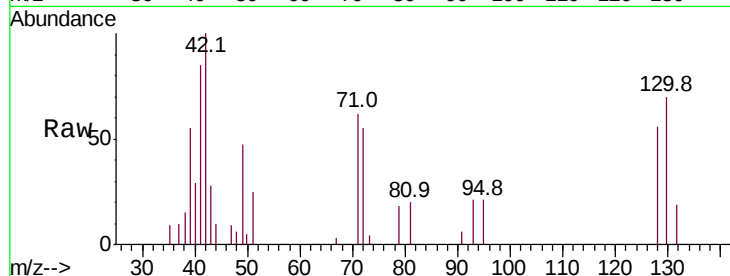
Ion Ratio Lower Upper

41 100

39 41.5 51.8 77.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

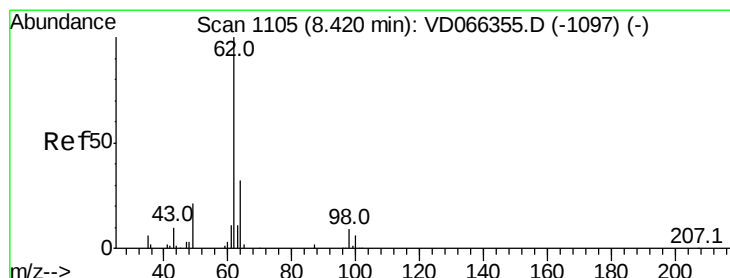
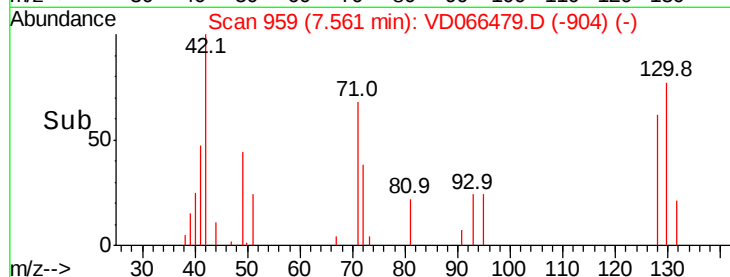
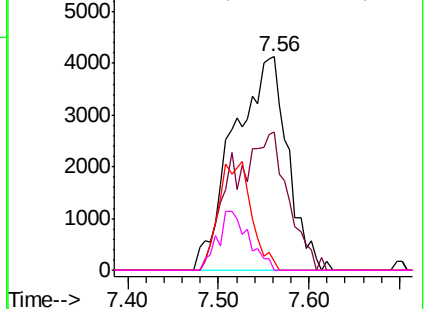


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 24.512 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066479.D

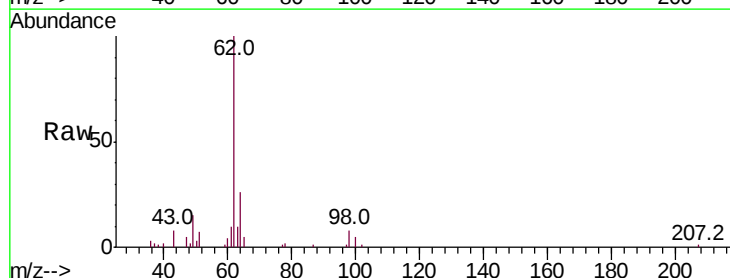
Acq: 31 Aug 2020 13:18

Tgt Ion: 62 Resp: 38210

Ion Ratio Lower Upper

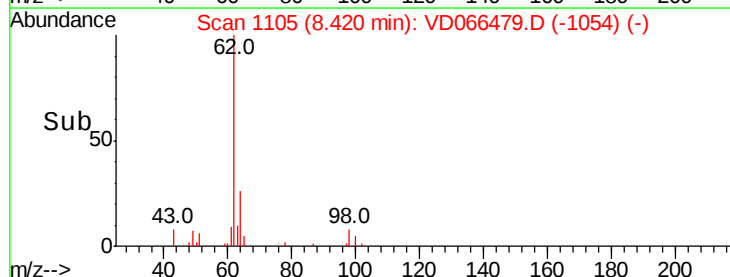
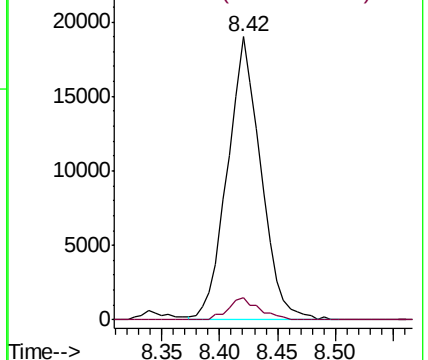
62 100

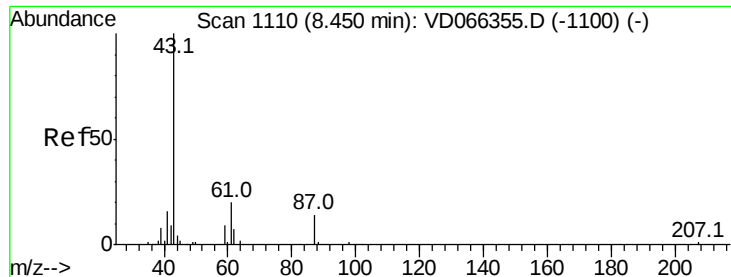
98 7.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.315 ug/l

RT: 8.45 min Scan# 1110

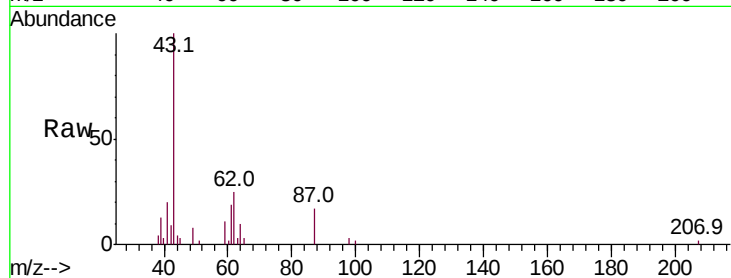
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tot Ion: 43 Resp: 22184

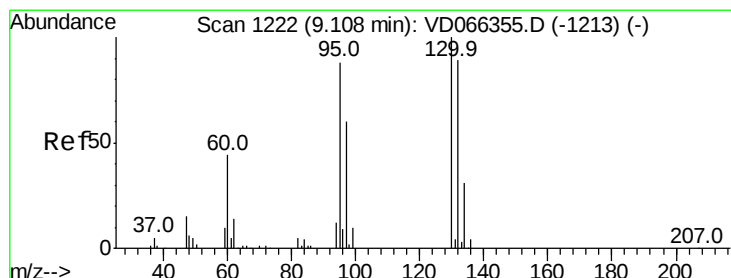
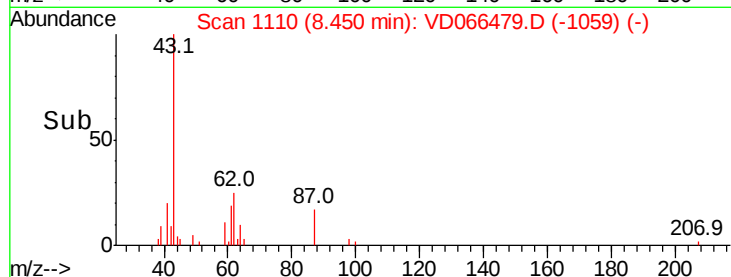
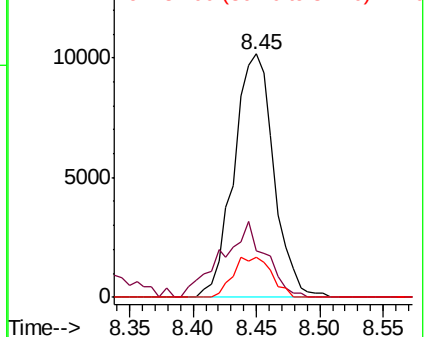
Ion	Ratio	Lower	Upper
43	100		
61	34.2	26.5	39.7
87	15.9	11.9	17.9



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: 19.851 ug/l

RT: 9.11 min Scan# 1223

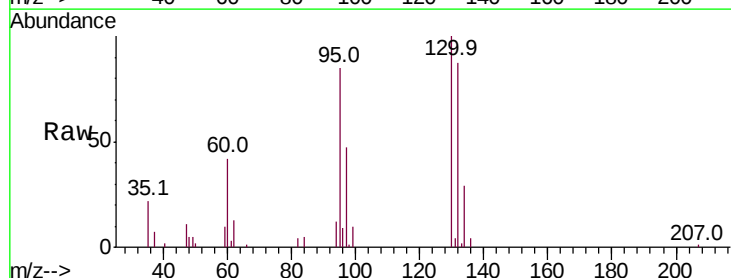
Delta R.T. 0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

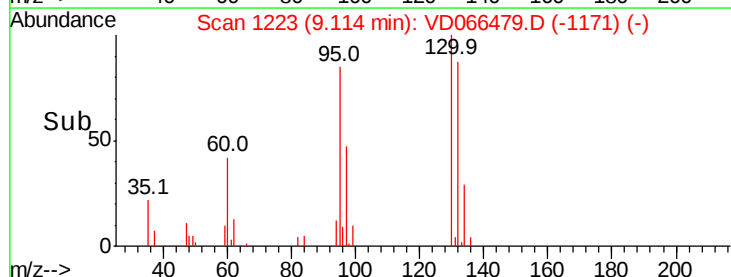
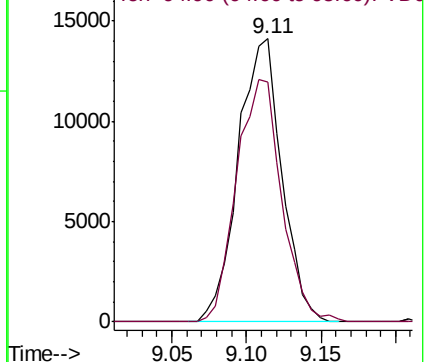
Tgt Ion: 130 Resp: 28549

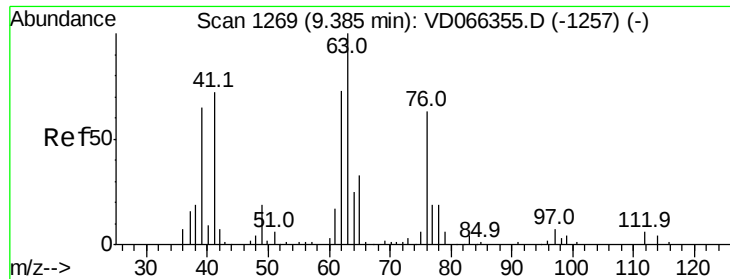
Ion	Ratio	Lower	Upper
130	100		
95	84.9	0.0	175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 17.120 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066479.D

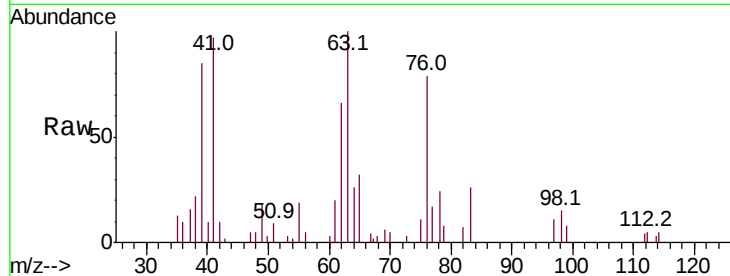
Acq: 31 Aug 2020 13:18

Tot Ion: 63 Resp: 17178

Ion Ratio Lower Upper

63 100

65 31.8 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

8000

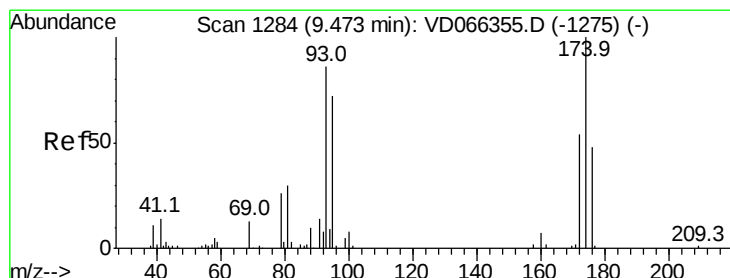
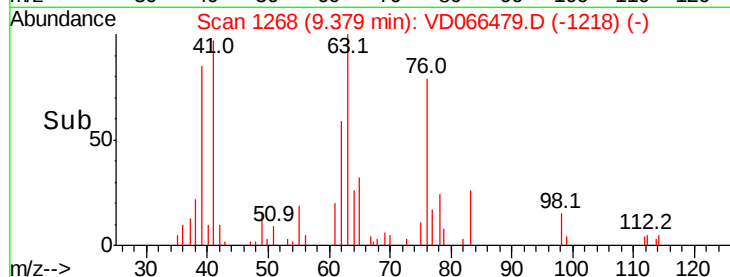
6000

4000

2000

0

Time--> 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 20.748 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

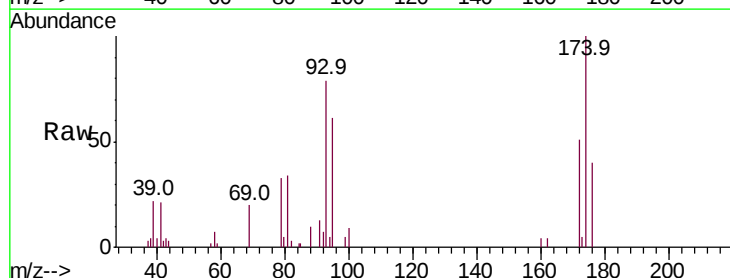
Tgt Ion: 93 Resp: 12962

Ion Ratio Lower Upper

93 100

95 79.0 66.0 99.0

174 125.5 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

9.47

8000

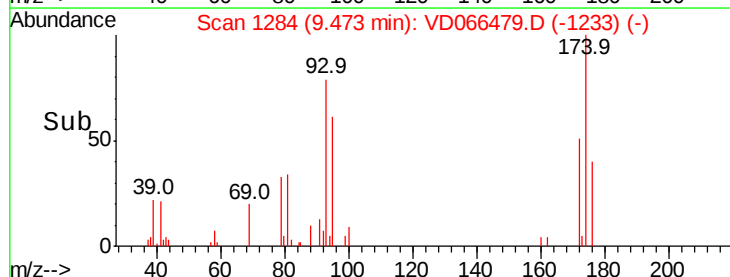
6000

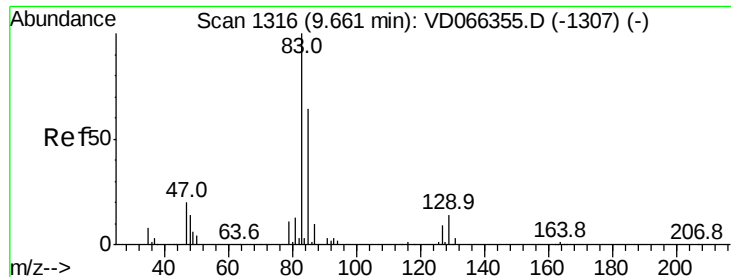
4000

2000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 22.276 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

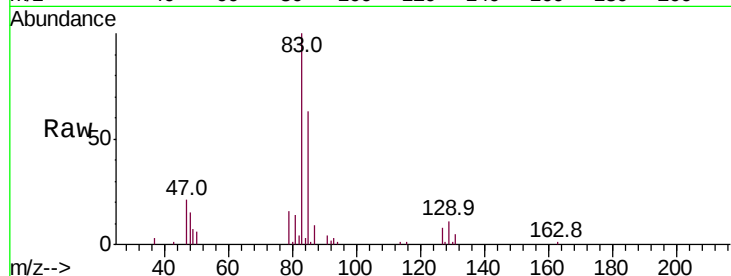
Tot Ion: 83 Resp: 38271

Ion Ratio Lower Upper

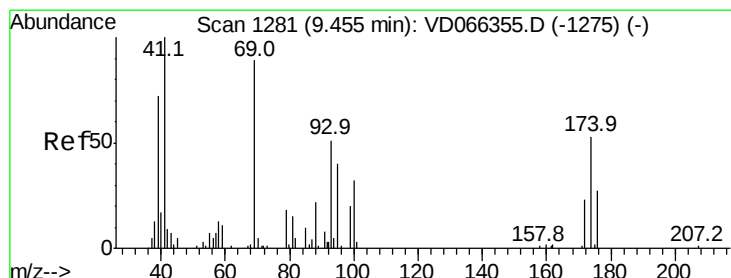
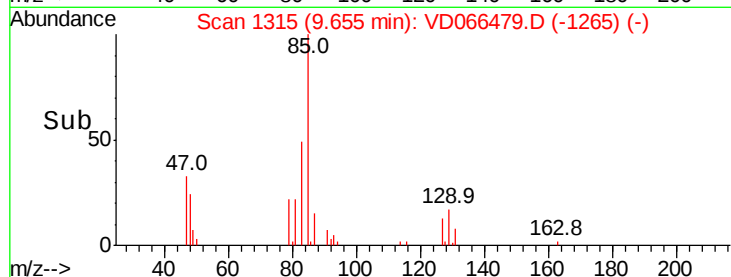
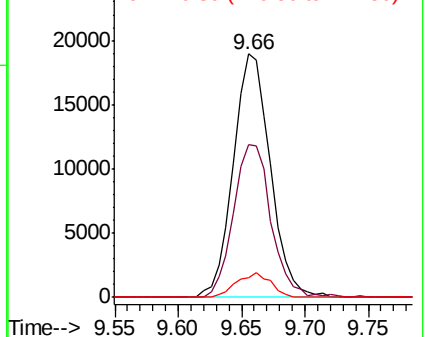
83 100

85 62.8 51.4 77.0

127 8.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 20.254 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

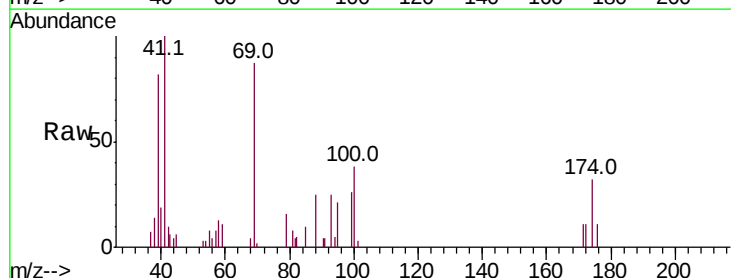
Tgt Ion: 41 Resp: 11996

Ion Ratio Lower Upper

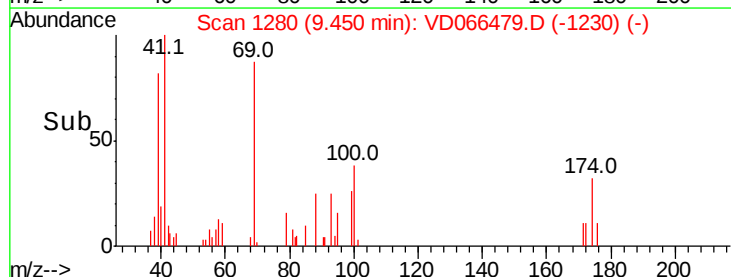
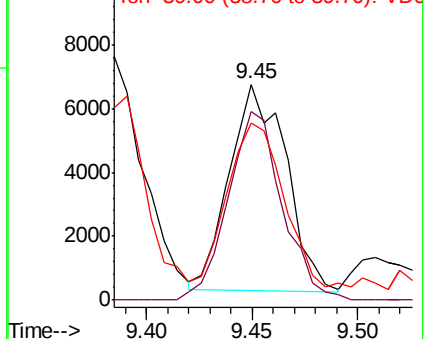
41 100

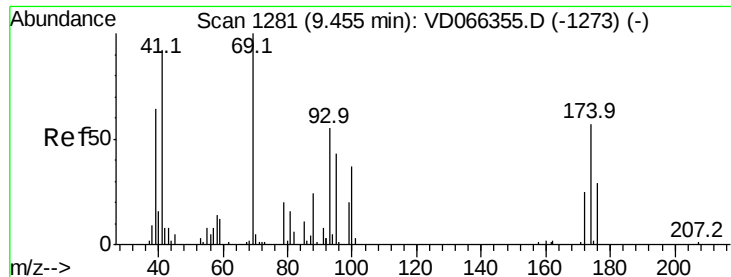
69 87.2 75.5 113.3

39 94.2 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: 415.898 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

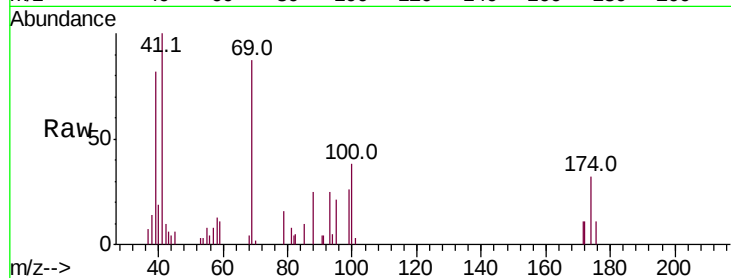
Tot Ion: 88 Resp: 3017

Ion Ratio Lower Upper

88 100

43 31.7 29.4 44.0

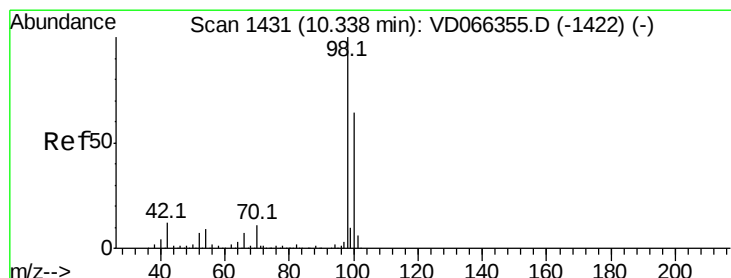
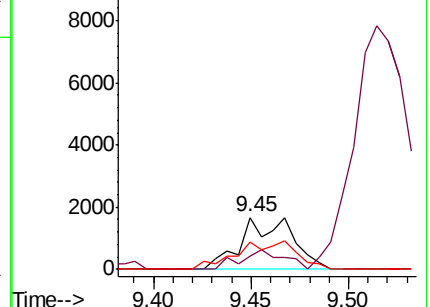
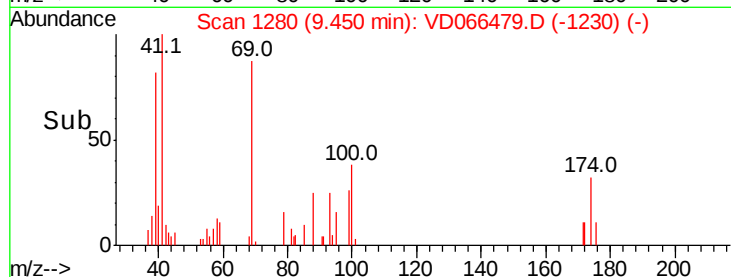
58 64.5 45.4 68.2



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: 53.403 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066479.D

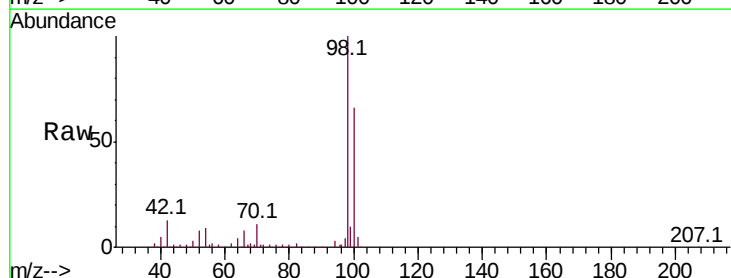
Acq: 31 Aug 2020 13:18

Tgt Ion: 98 Resp: 225291

Ion Ratio Lower Upper

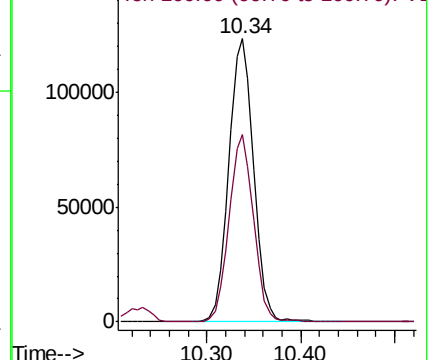
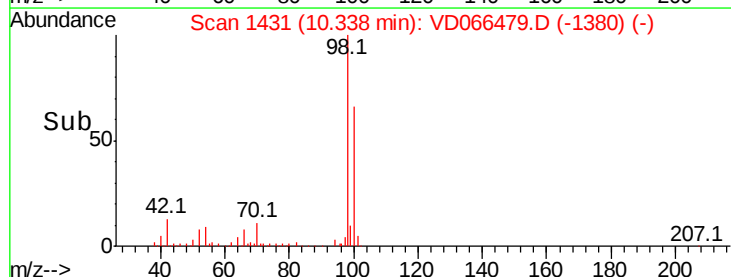
98 100

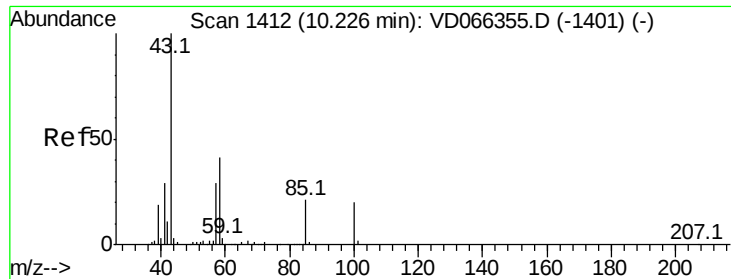
100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

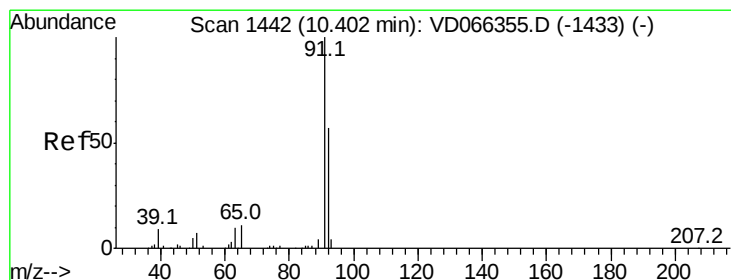
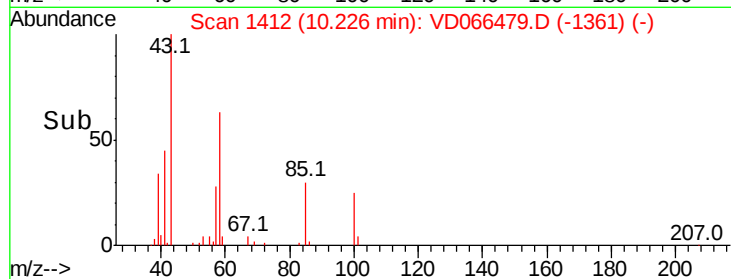
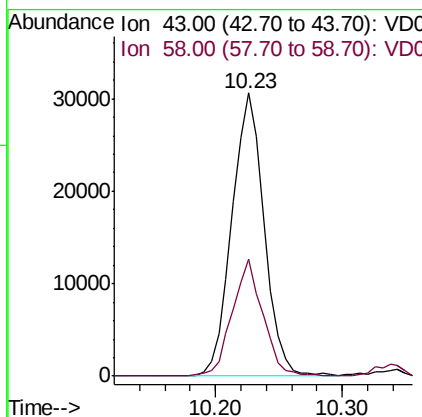
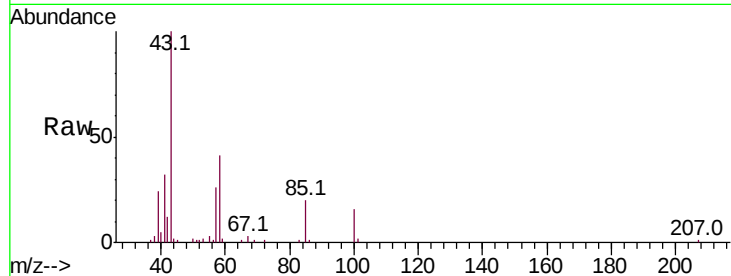
Ion 100.00 (99.70 to 100.70): VDC





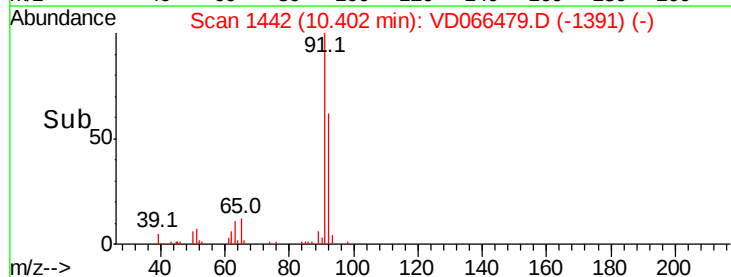
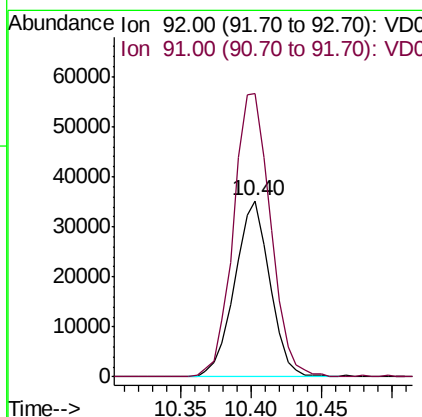
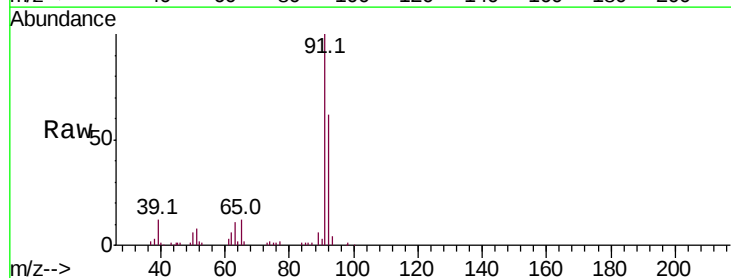
#51
4-Methyl-2-Pentanone
Concen: 96.989 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

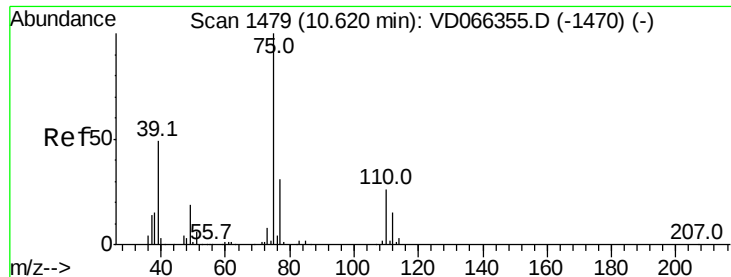
Tot Ion: 43 Resp: 53889
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 20.535 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion: 92 Resp: 61577
Ion Ratio Lower Upper
92 100
91 169.4 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 20.868 ug/l

RT: 10.62 min Scan# 1479

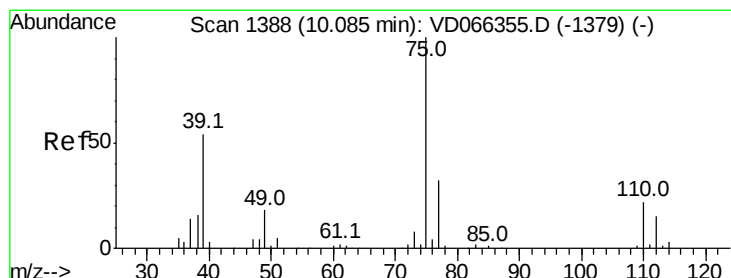
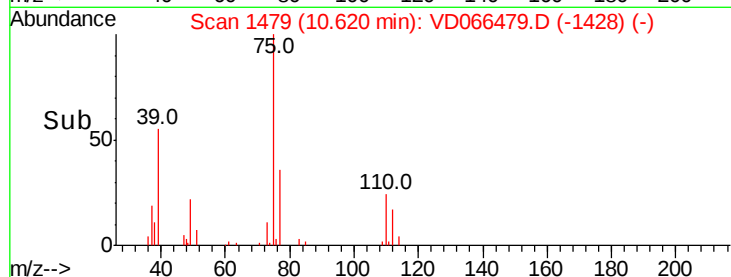
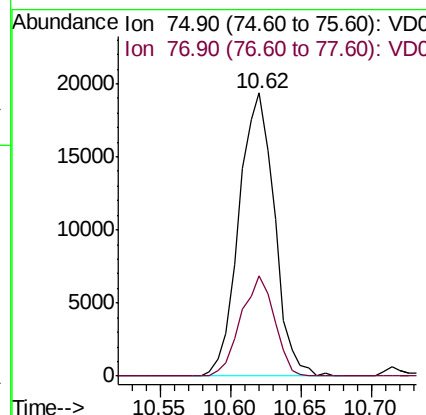
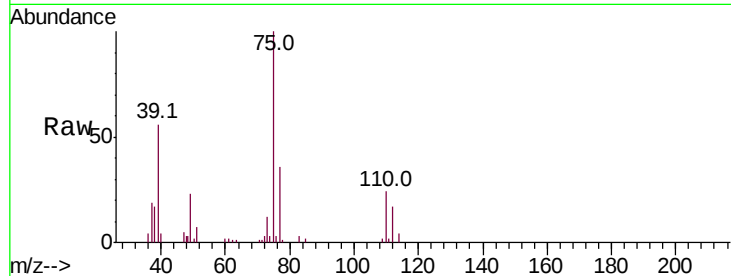
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tot Ion: 75 Resp: 34020

Ion	Ratio	Lower	Upper
75	100		
77	35.5	24.5	36.7



#54

cis-1,3-Dichloropropene

Concen: 19.377 ug/l

RT: 10.08 min Scan# 1388

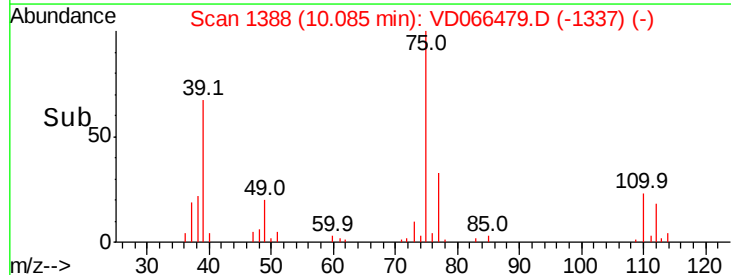
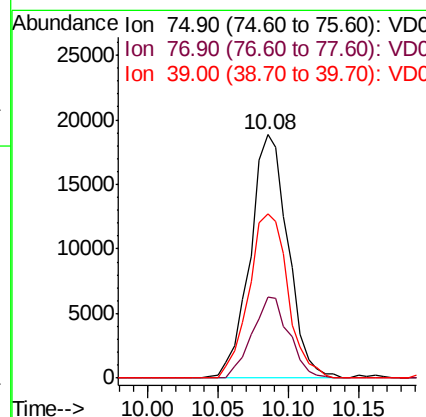
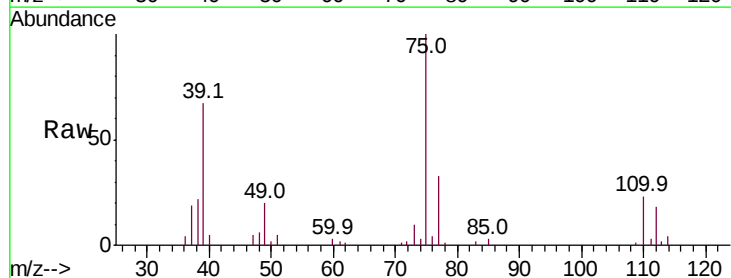
Delta R.T. -0.00 min

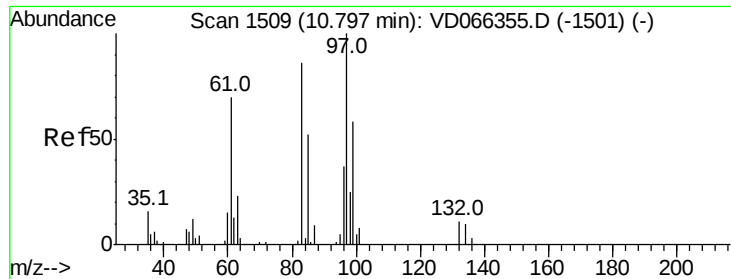
Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tgt Ion: 75 Resp: 35458

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.6	38.4
39	67.3	43.4	65.0#





#55

1,1,2-Trichloroethane

Concen: 20.552 ug/l

RT: 10.80 min Scan# 1509

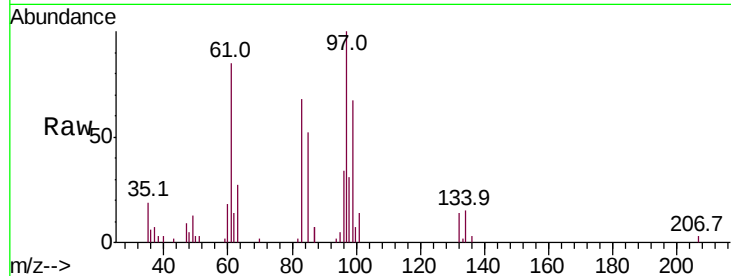
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tot Ion: 97 Resp: 17382

Ion	Ratio	Lower	Upper
97	100		
83	68.2	68.4	102.6#
85	51.8	41.3	61.9
99	66.8	46.1	69.1



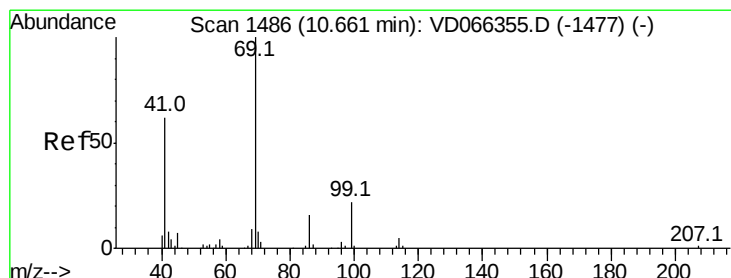
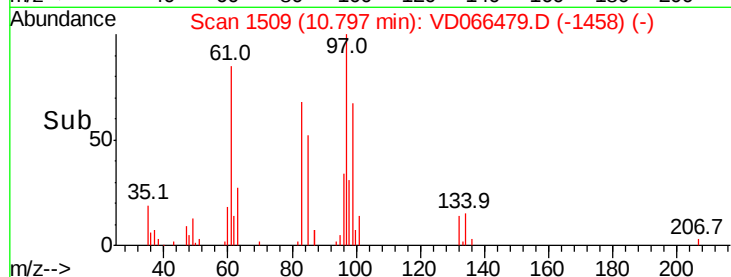
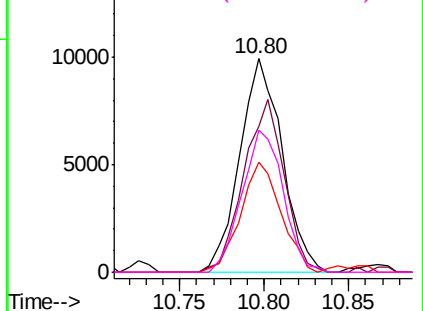
Abundance

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: 20.212 ug/l

RT: 10.66 min Scan# 1485

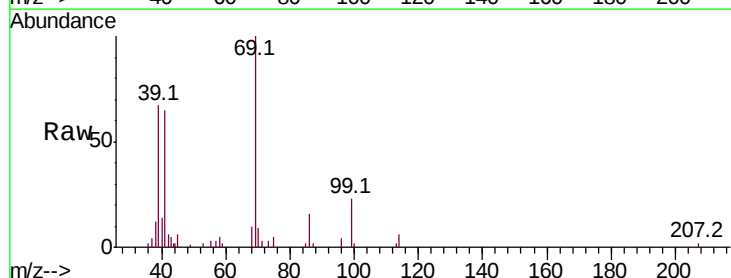
Delta R.T. -0.01 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tgt Ion: 69 Resp: 19789

Ion	Ratio	Lower	Upper
69	100		
41	66.2	50.8	76.2
39	56.3	32.9	49.3#

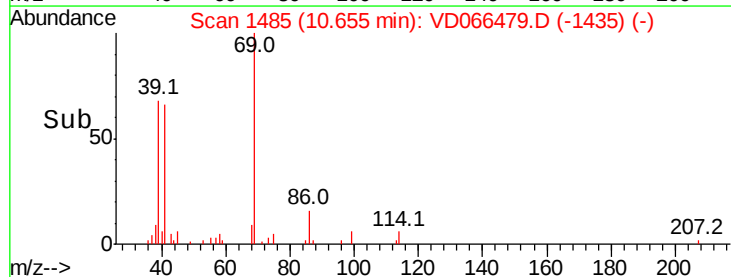
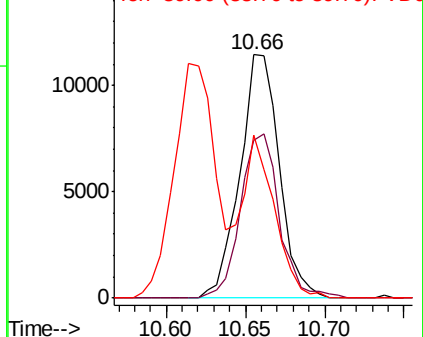


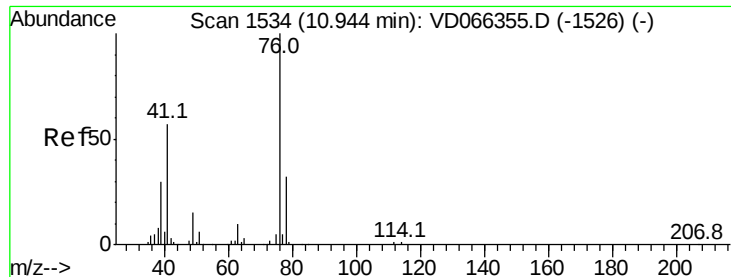
Abundance

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: 19.771 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066479.D

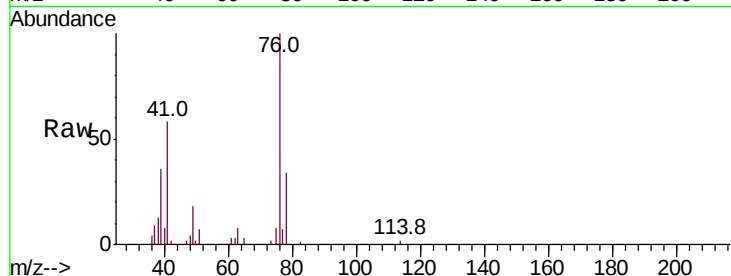
Acq: 31 Aug 2020 13:18

Tot Ion: 76 Resp: 27659

Ion Ratio Lower Upper

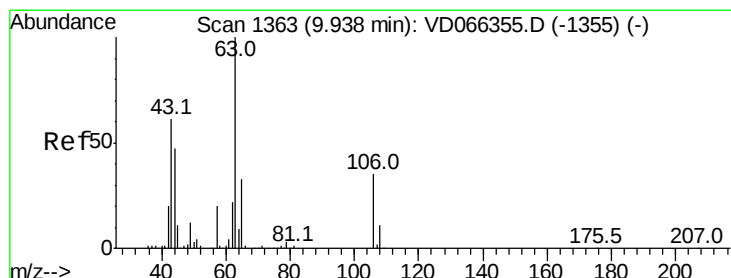
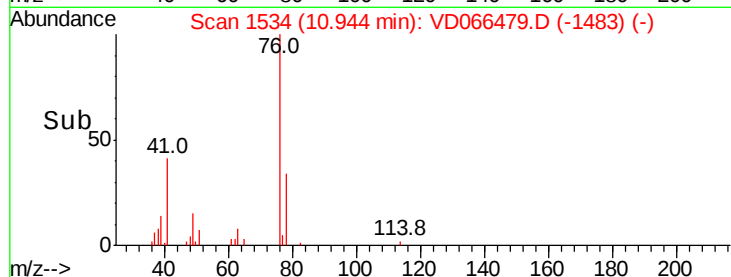
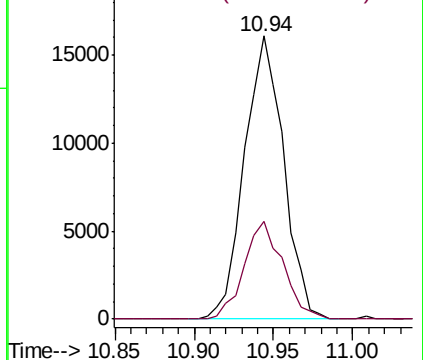
76 100

78 34.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 102.924 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066479.D

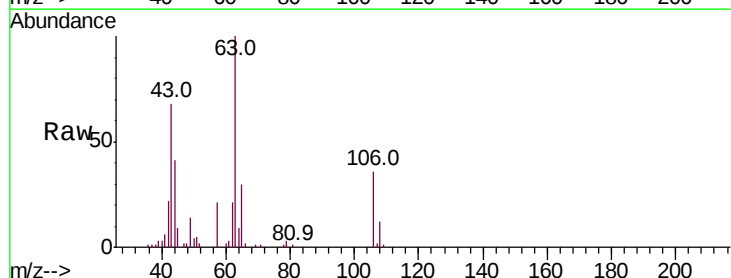
Acq: 31 Aug 2020 13:18

Tgt Ion: 63 Resp: 41852

Ion Ratio Lower Upper

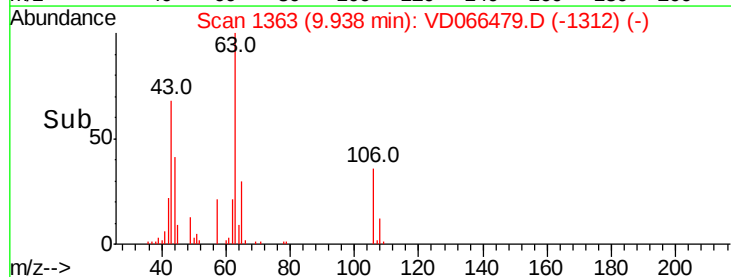
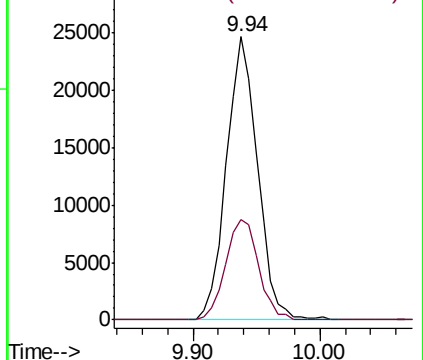
63 100

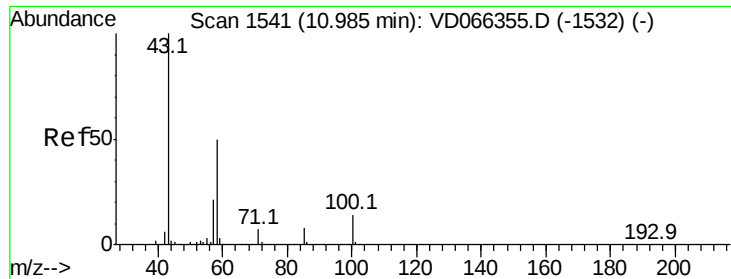
106 37.4 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

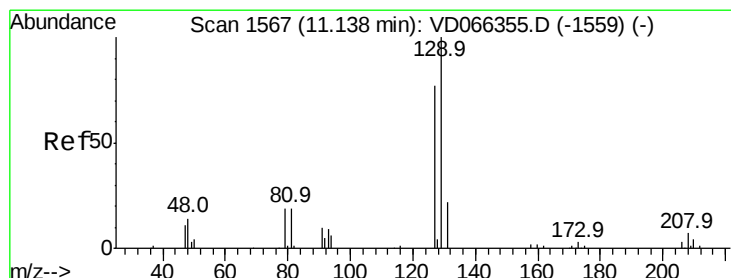
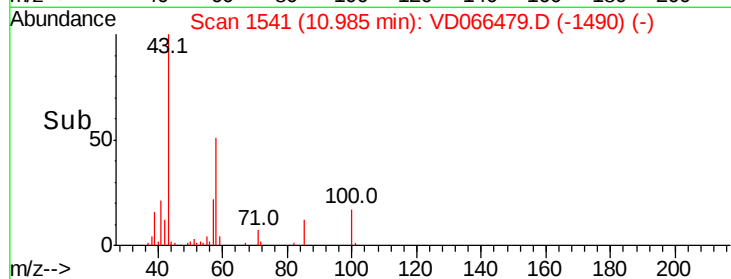
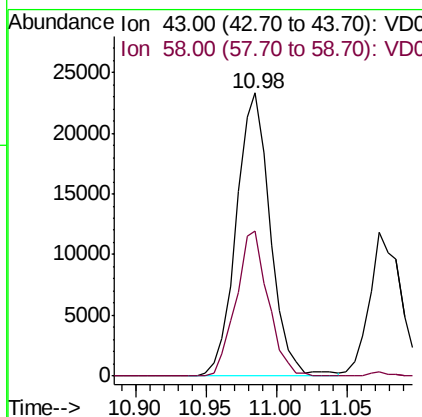
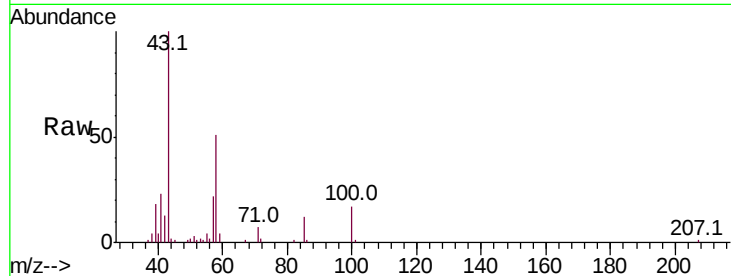
Ion 105.90 (105.60 to 106.60): V





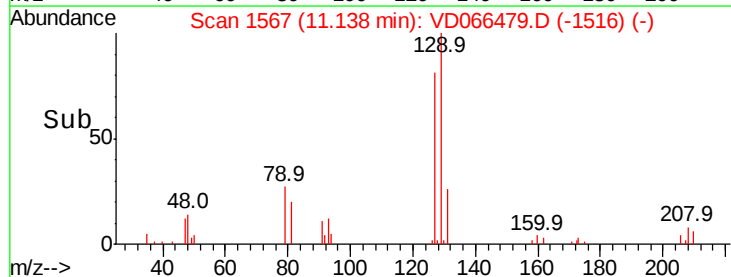
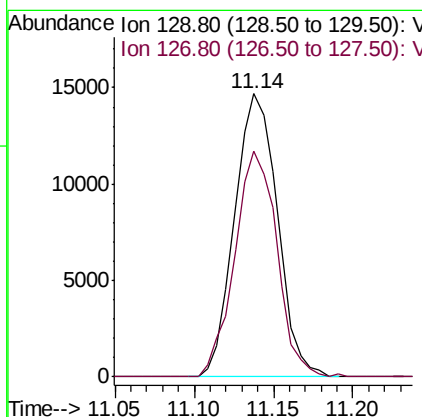
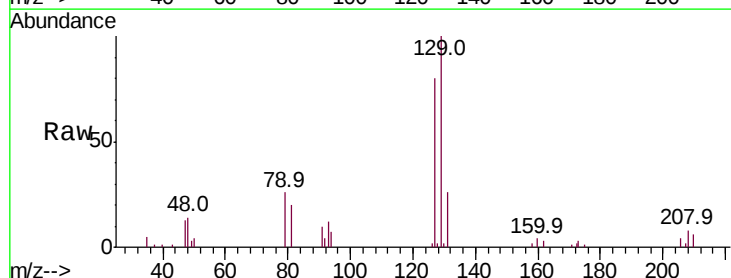
#59
2-Hexanone
Concen: 100.147 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

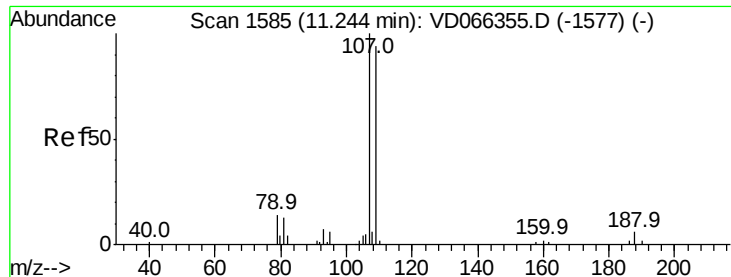
Tot Ion: 43 Resp: 39249
Ion Ratio Lower Upper
43 100
58 48.4 26.3 78.8



#60
Dibromochloromethane
Concen: 21.631 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

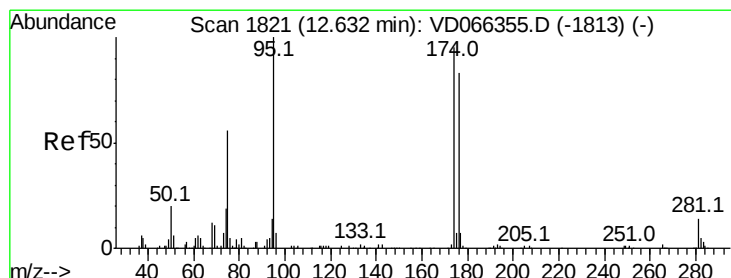
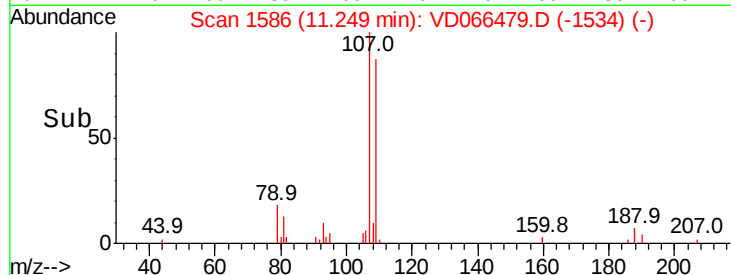
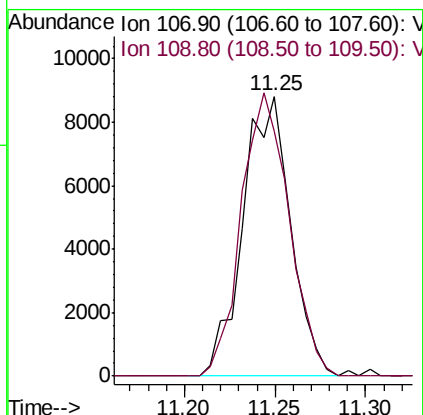
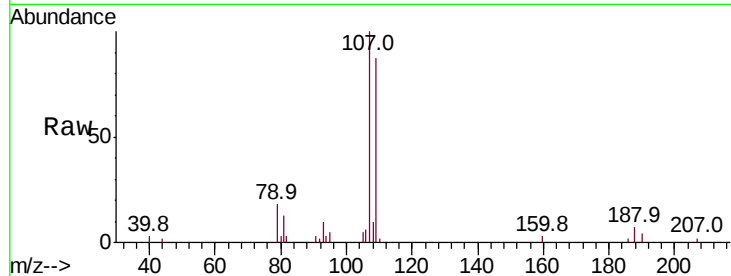
Tgt Ion: 129 Resp: 27576
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0





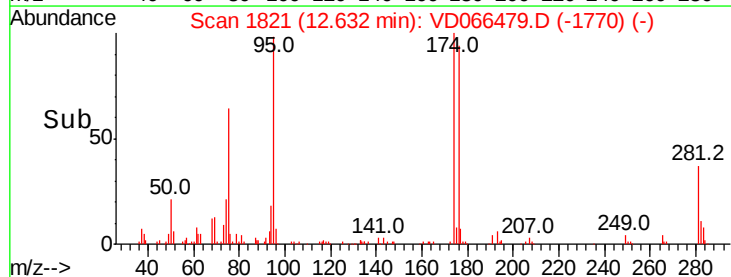
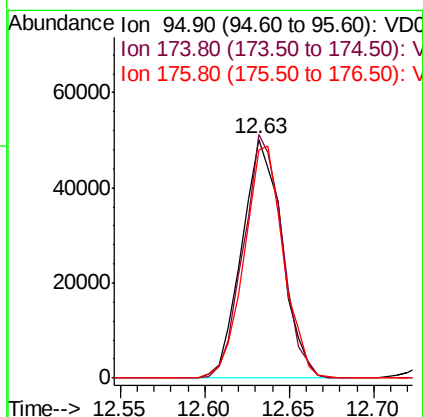
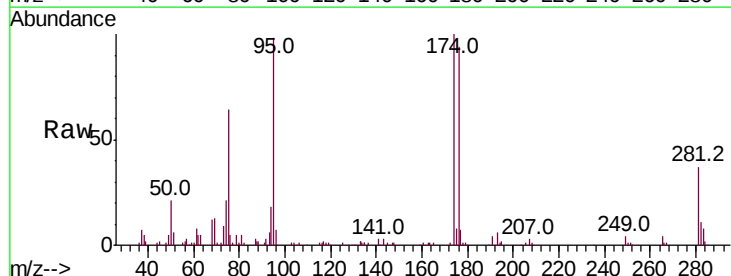
#61
 1,2-Dibromoethane
 Concen: 19.377 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

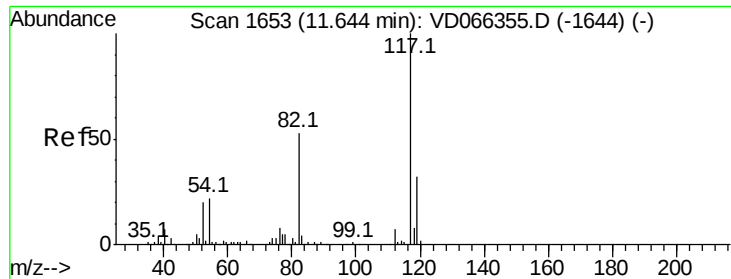
Tot Ion:107 Resp: 16128
 Ion Ratio Lower Upper
 107 100
 109 101.4 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 55.466 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

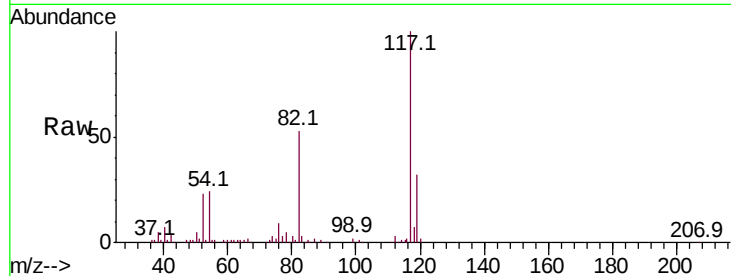
Tgt Ion: 95 Resp: 83032
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 183.4
 176 94.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.8	64.2
119	31.5	25.8	38.8

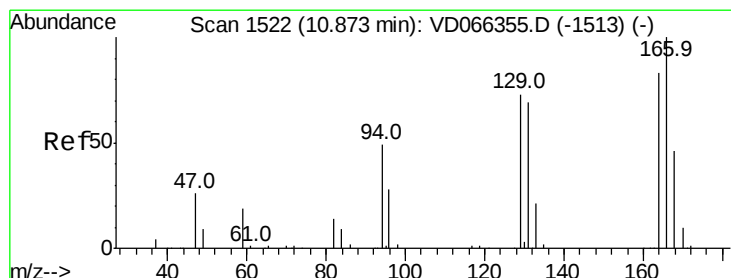
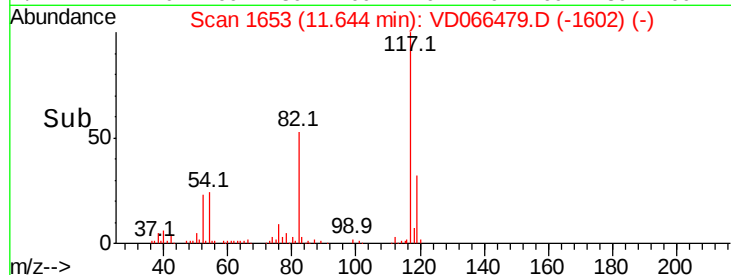
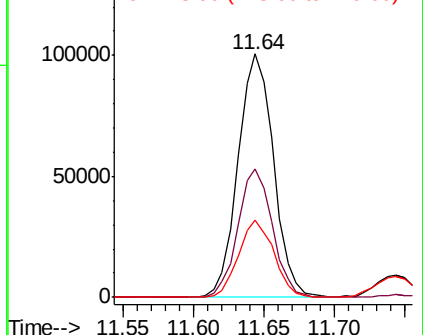


Abundance

Ion 116.90 (116.60 to 117.60): V

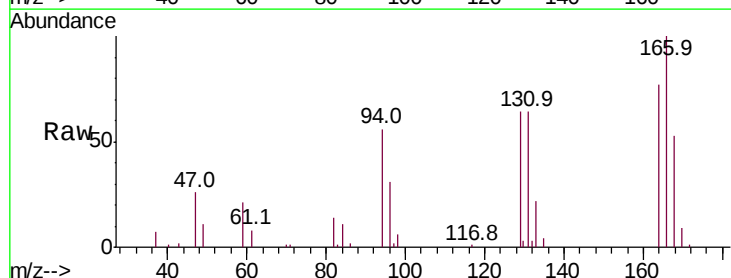
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.467 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	96.2	144.4
129	82.8	70.3	105.5
131	82.4	66.4	99.6



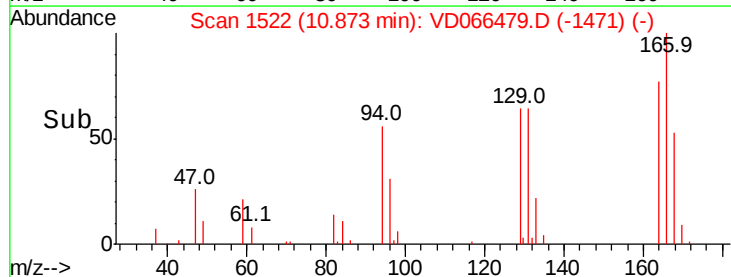
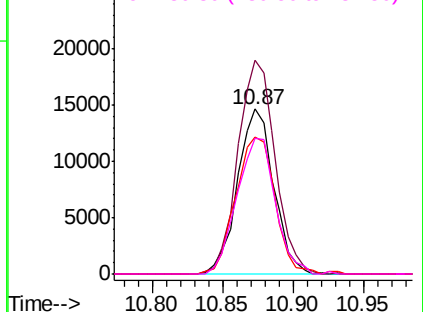
Abundance

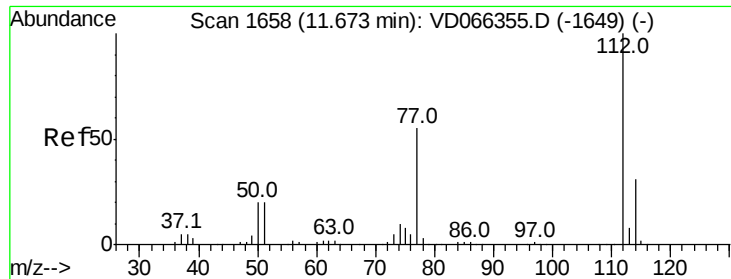
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

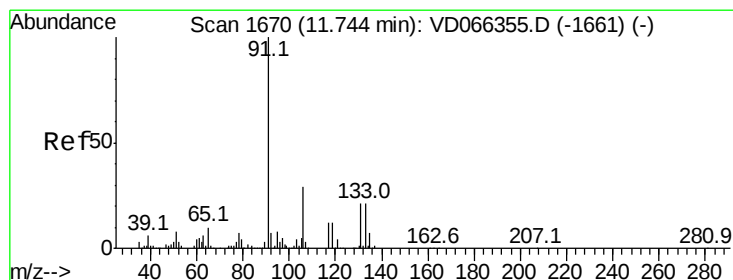
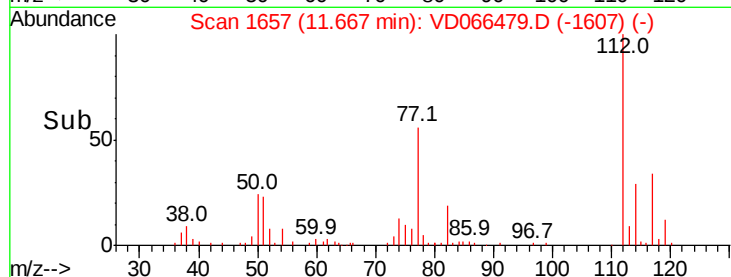
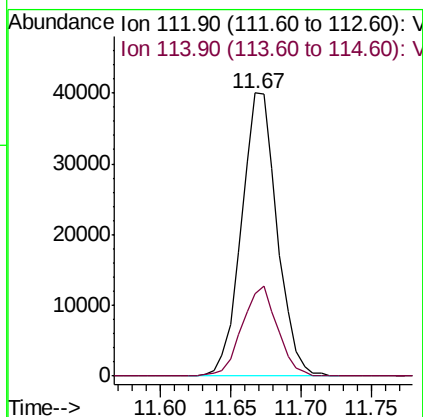
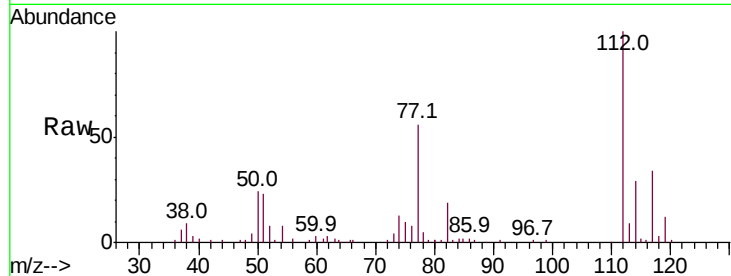
Ion 130.80 (130.50 to 131.50): V





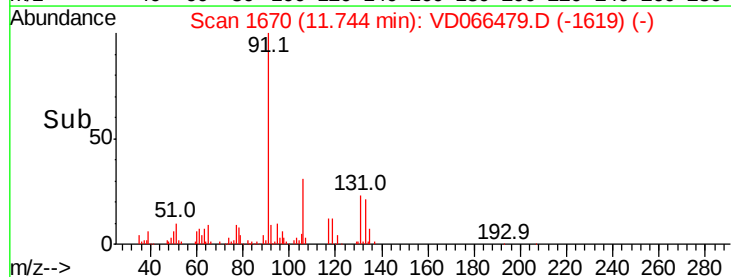
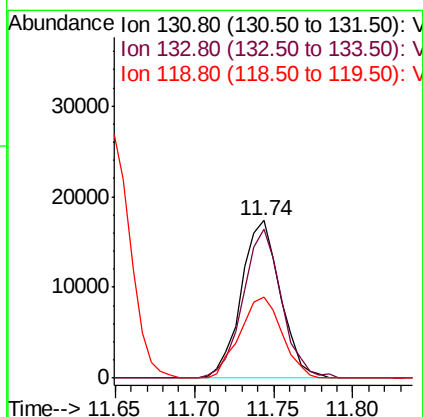
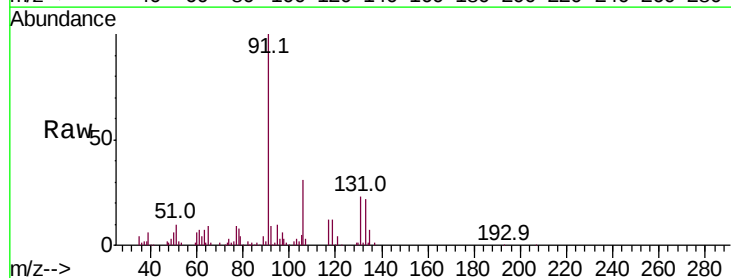
#65
Chlorobenzene
Concen: 20.038 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

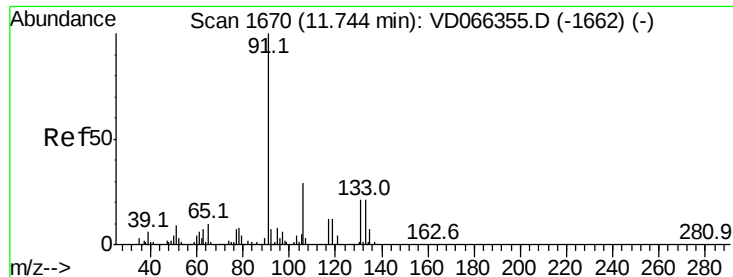
Tot Ion:112 Resp: 70650
Ion Ratio Lower Upper
112 100
114 29.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.737 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion:131 Resp: 29880
Ion Ratio Lower Upper
131 100
133 92.9 48.6 145.9
119 55.0 29.0 87.1





#67

Ethyl Benzene

Concen: 19.808 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066479.D

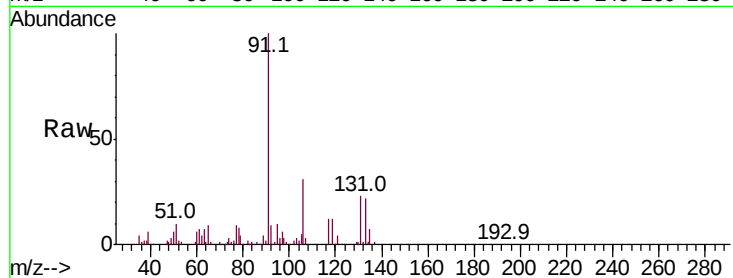
Acq: 31 Aug 2020 13:18

Tot Ion: 91 Resp: 122932

Ion Ratio Lower Upper

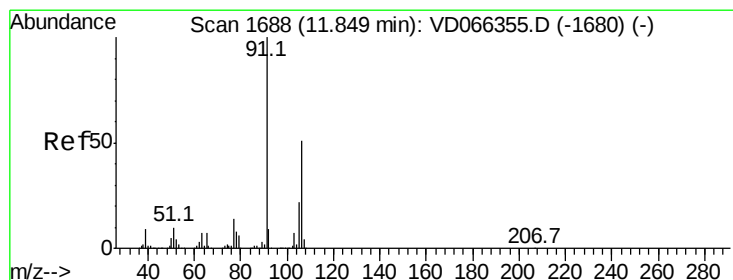
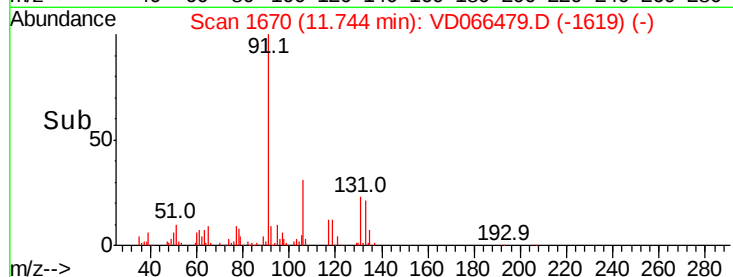
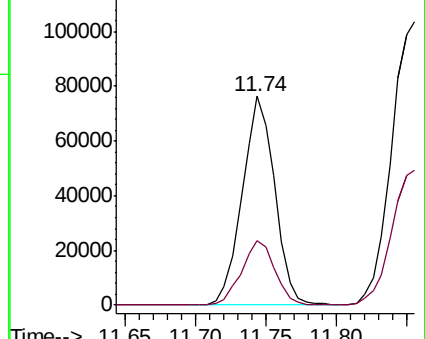
91 100

106 31.1 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066479.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD066479.D (-1662) (-)



#68

m/p-Xylenes

Concen: 40.342 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066479.D

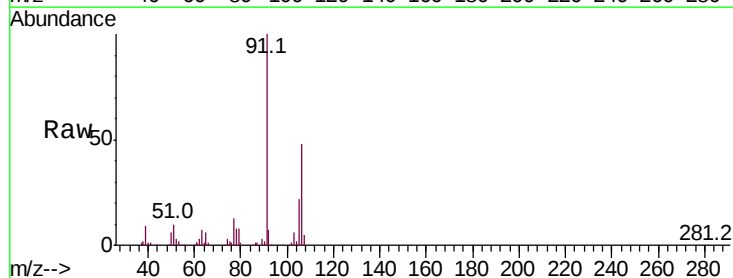
Acq: 31 Aug 2020 13:18

Tgt Ion: 106 Resp: 95432

Ion Ratio Lower Upper

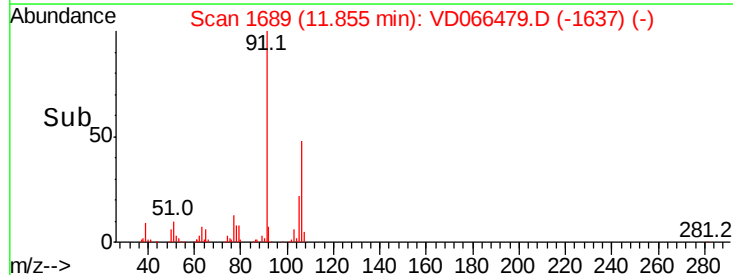
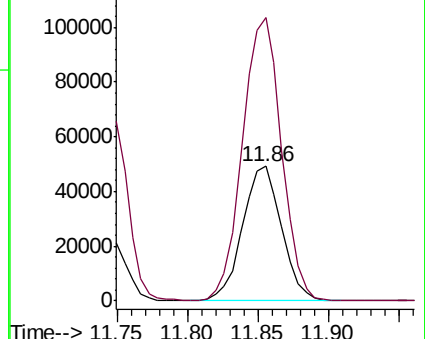
106 100

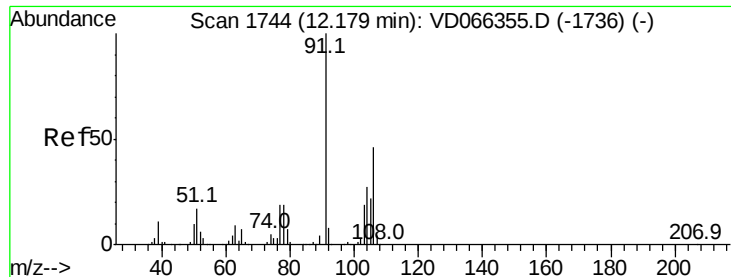
91 210.2 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066479.D (-1680) (-)

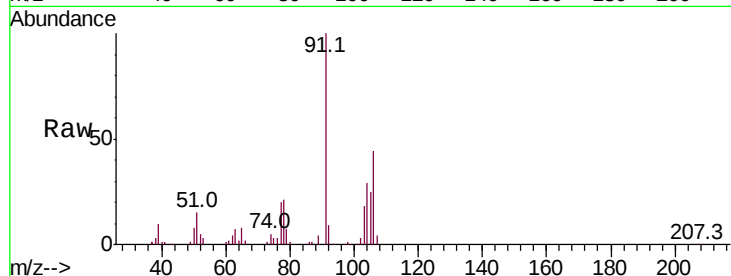
Ion 91.00 (90.70 to 91.70): VD066479.D (-1680) (-)



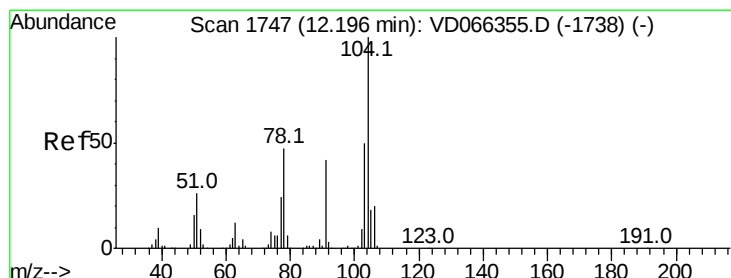
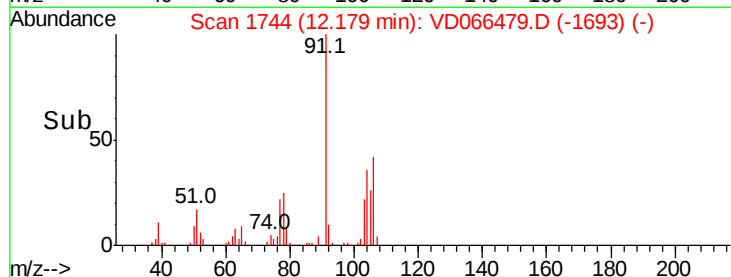
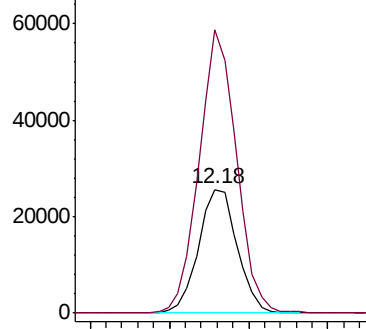


#69
o-Xylene
Concen: 19.733 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tot Ion:106 Resp: 43425
Ion Ratio Lower Upper
106 100
91 221.2 109.1 327.3

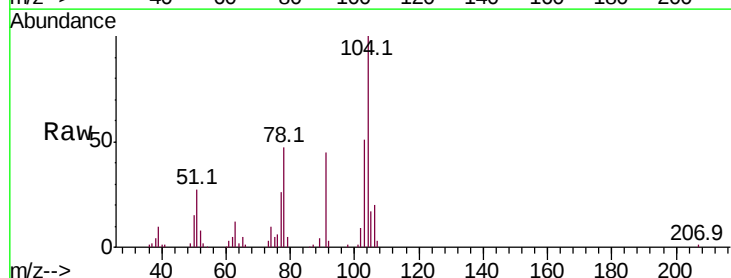


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

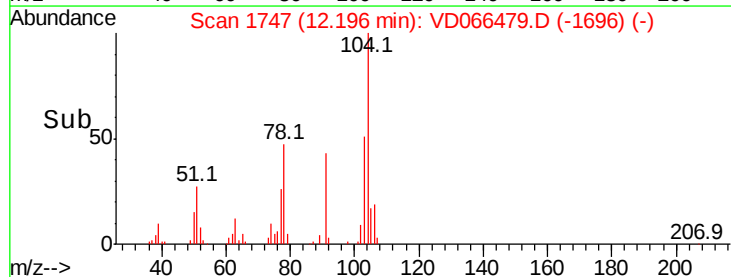
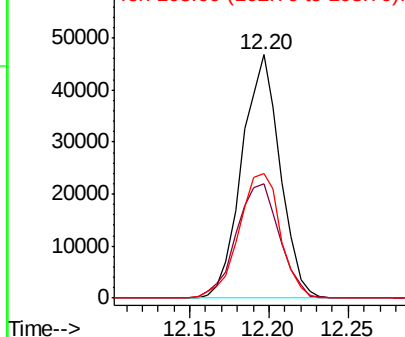


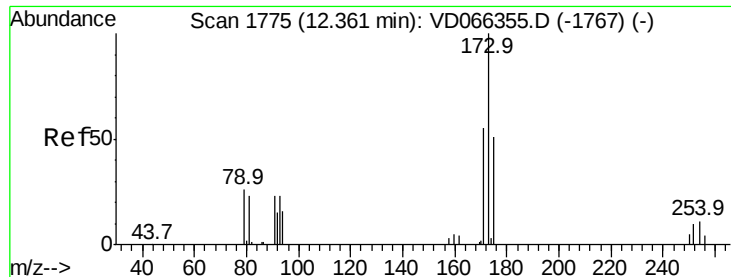
#70
Styrene
Concen: 20.677 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion:104 Resp: 78131
Ion Ratio Lower Upper
104 100
78 53.4 41.7 62.5
103 55.8 43.5 65.3



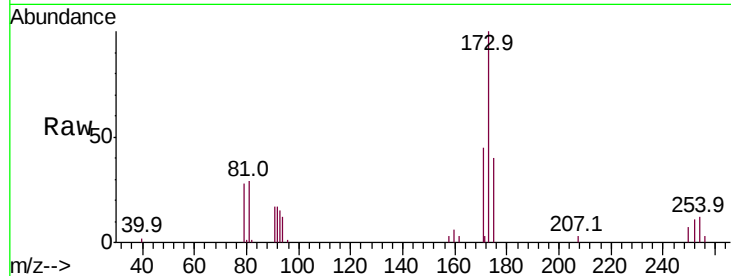
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71
Bromoform
Concen: 22.885 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.1	24.8	74.3
254	0.0	0.0	0.0

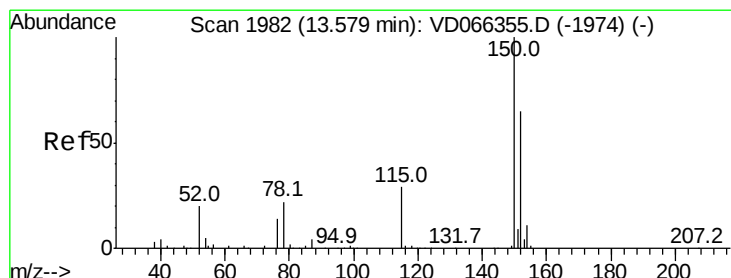
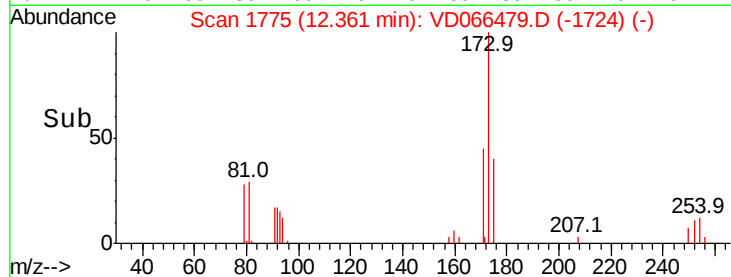
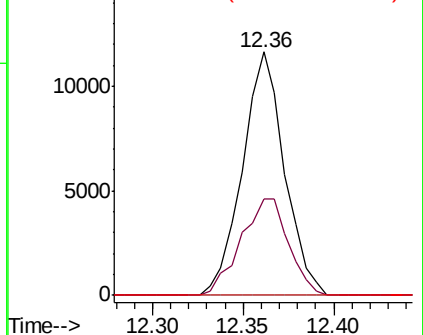


Abundance

Ion 172.70 (172.40 to 173.40): V

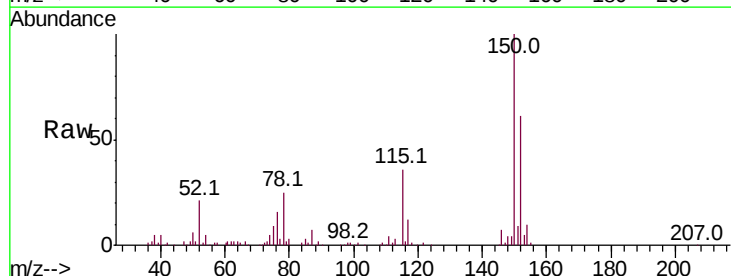
Ion 174.70 (174.40 to 175.40): V

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: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.3	85.0
150	165.9	0.0	343.2

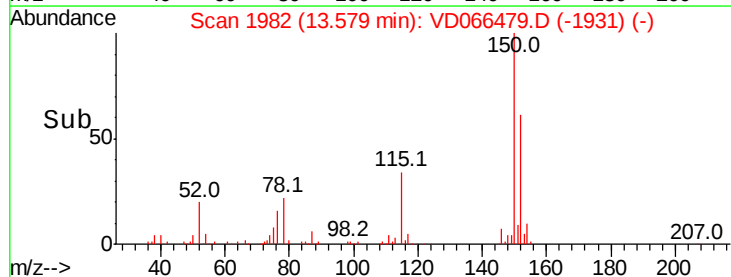
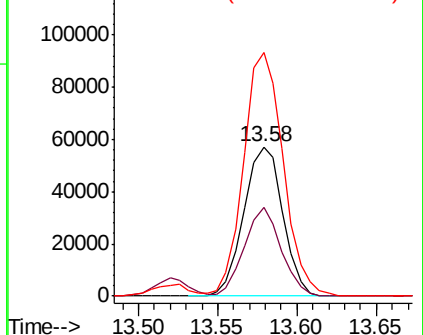


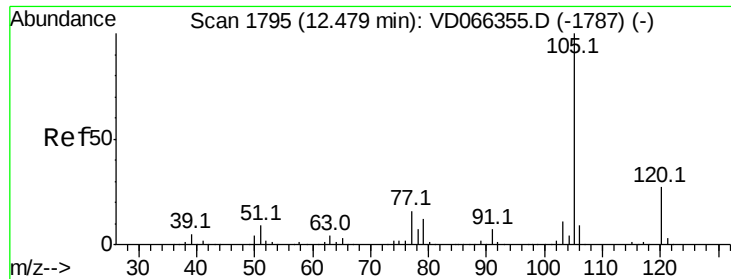
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

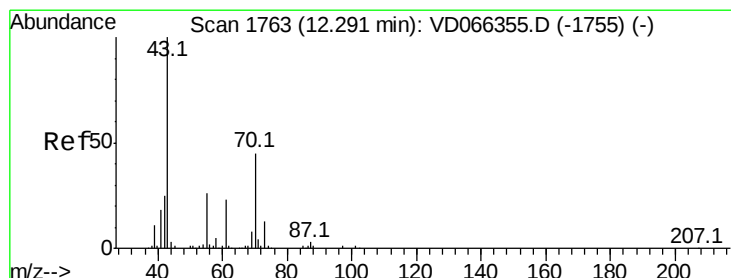
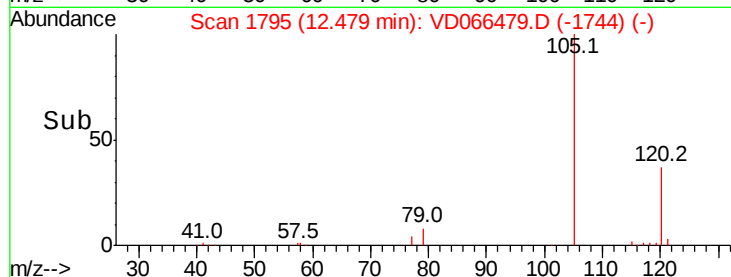
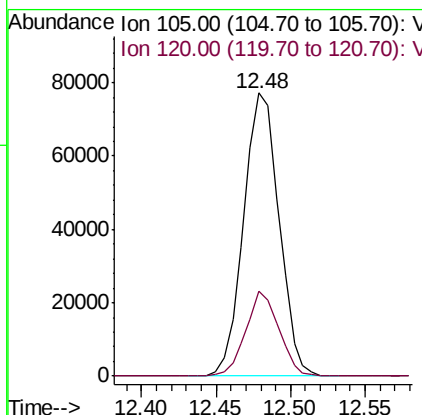
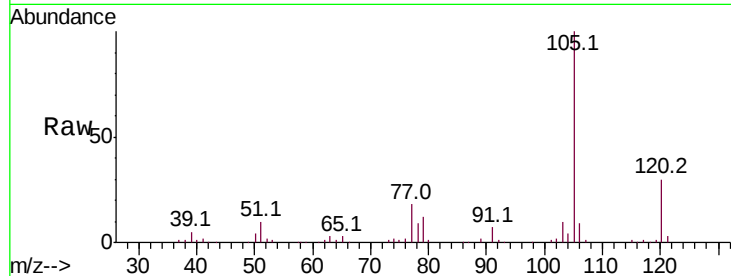
Ion 149.90 (149.60 to 150.60): V





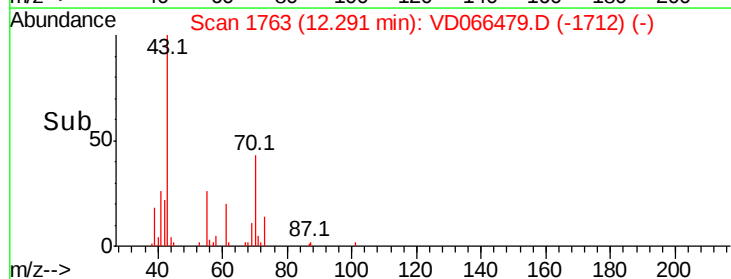
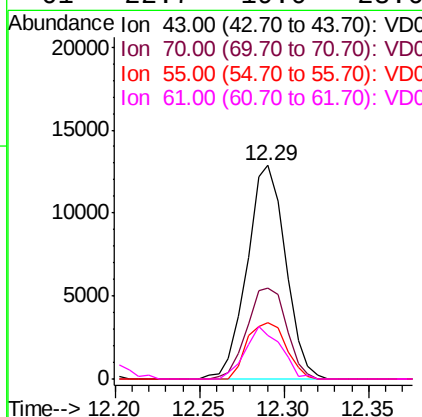
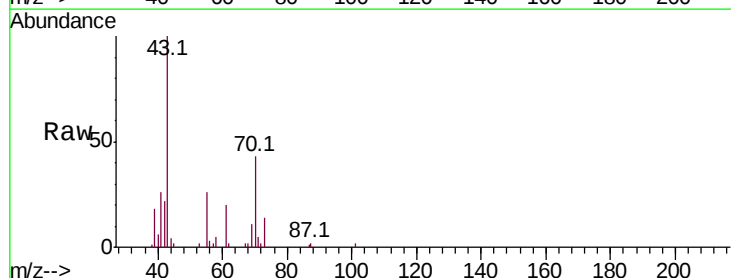
#73
Isopropylbenzene
Concen: 19.403 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

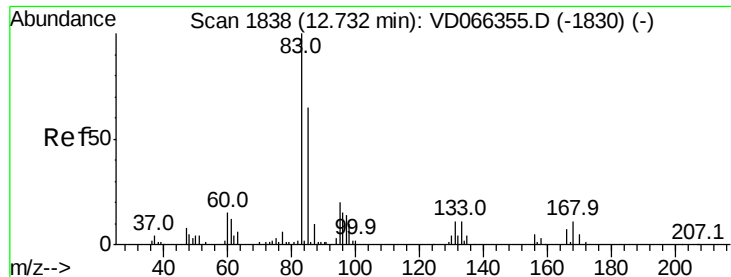
Tot Ion:105 Resp: 126884
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.8



#74
N-ethyl acetate
Concen: 17.325 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion: 43 Resp: 20462
Ion Ratio Lower Upper
43 100
70 43.5 34.8 52.2
55 26.6 20.3 30.5
61 22.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.419 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

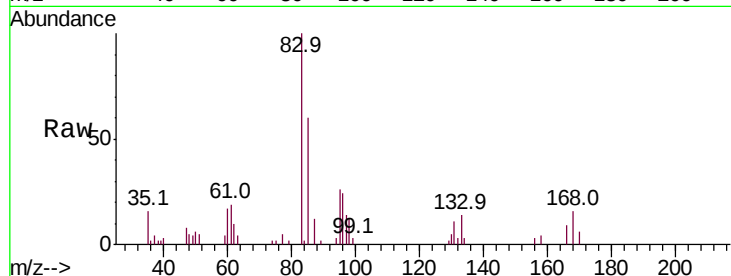
Tot Ion: 83 Resp: 16272

Ion Ratio Lower Upper

83 100

131 15.3 7.0 20.9

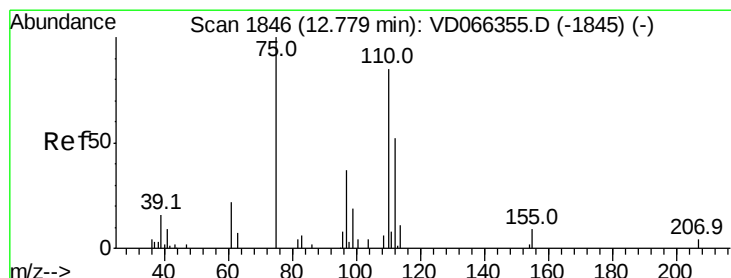
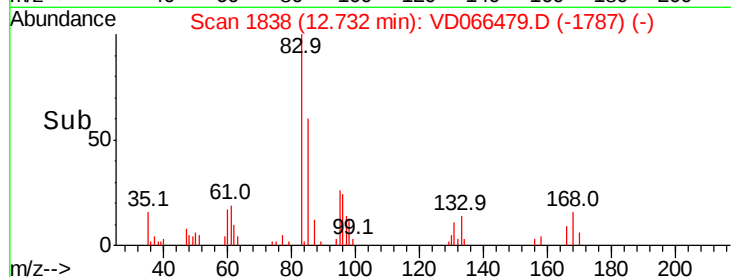
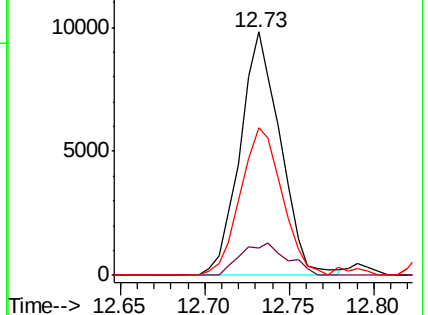
85 63.0 32.4 97.0



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: 37.385 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066479.D

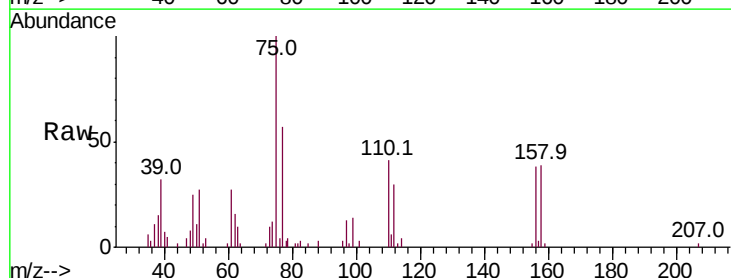
Acq: 31 Aug 2020 13:18

Tgt Ion: 75 Resp: 25674

Ion Ratio Lower Upper

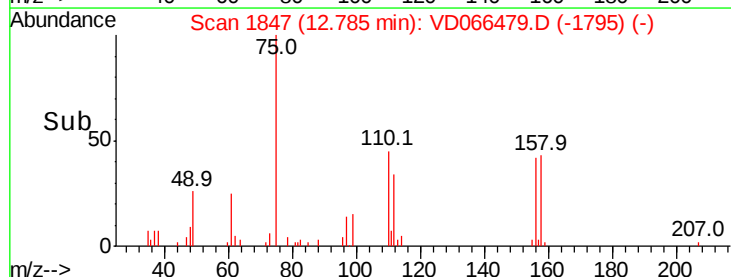
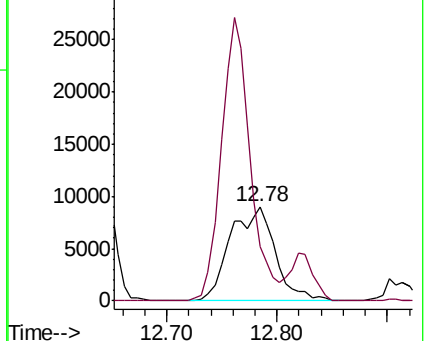
75 100

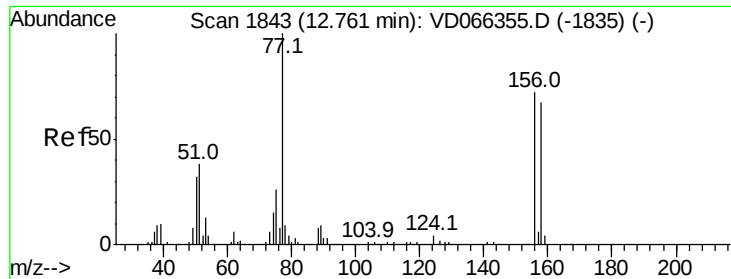
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 18.979 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

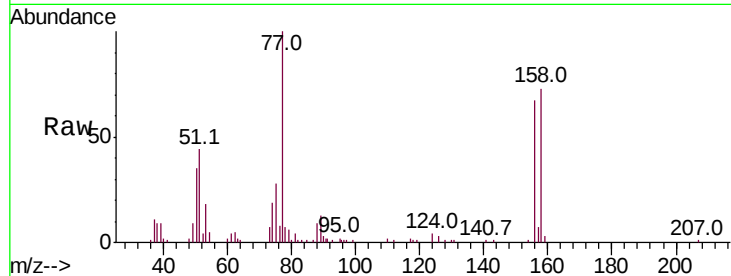
Tot Ion:156 Resp: 31501

Ion Ratio Lower Upper

156 100

77 156.2 76.1 228.3

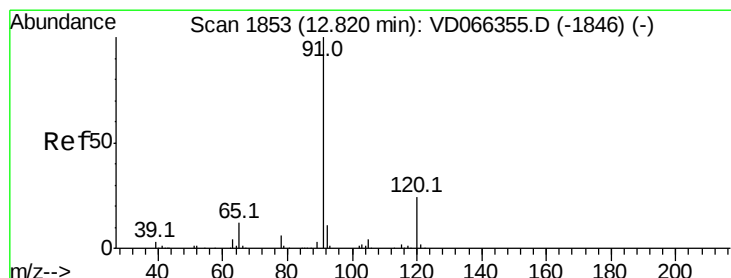
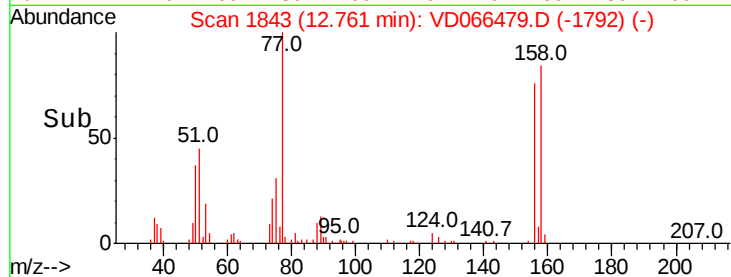
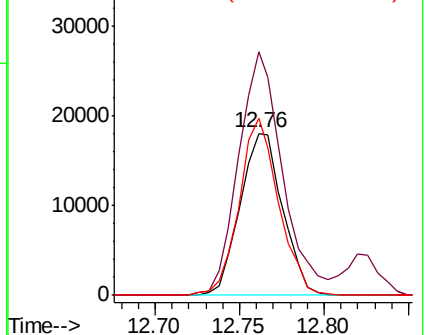
158 102.2 47.6 142.9



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: 18.400 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066479.D

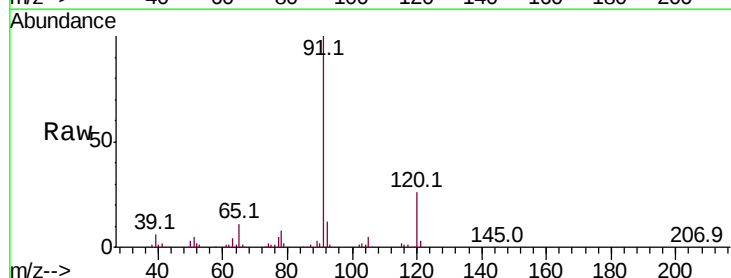
Acq: 31 Aug 2020 13:18

Tgt Ion: 91 Resp: 137962

Ion Ratio Lower Upper

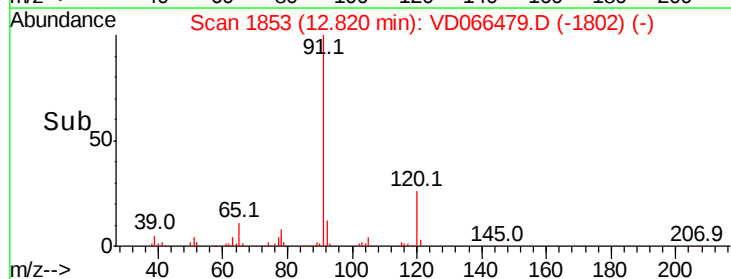
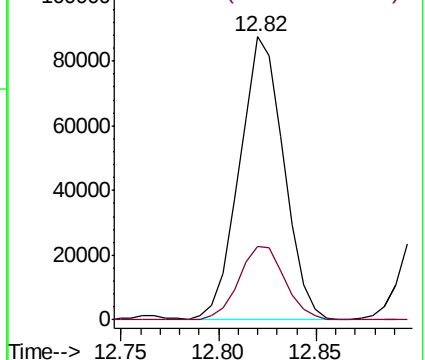
91 100

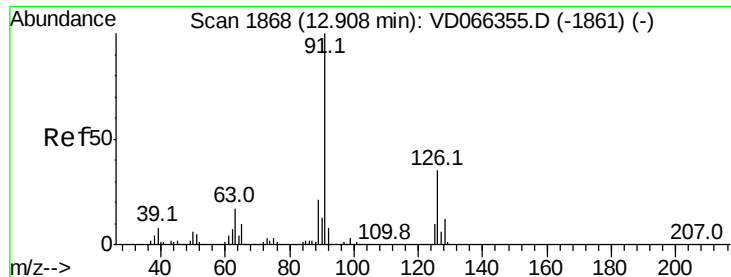
120 26.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

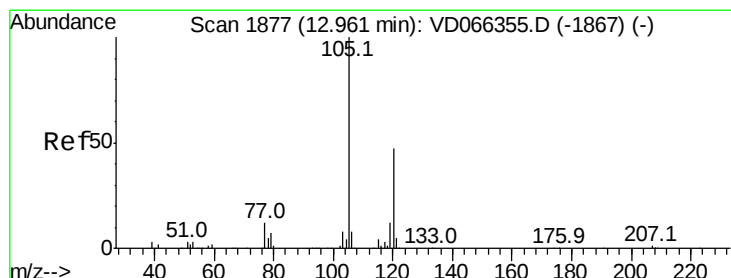
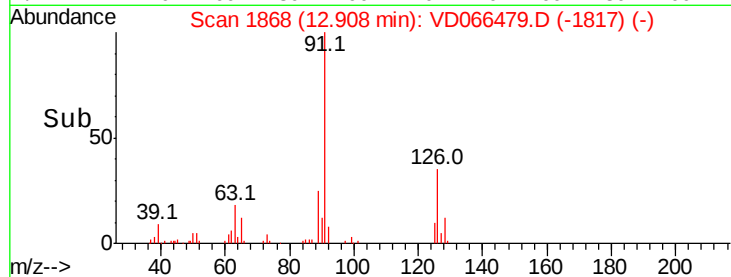
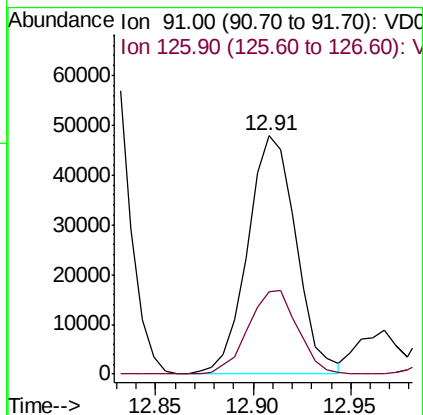
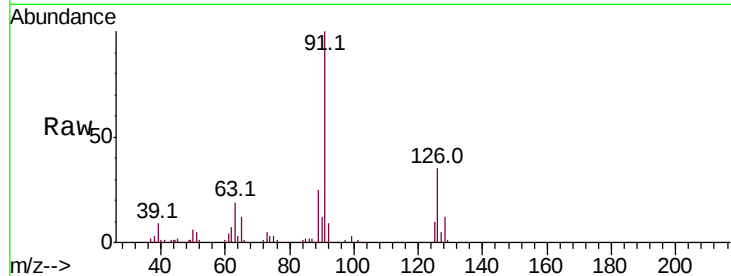
Ion 120.00 (119.70 to 120.70): V





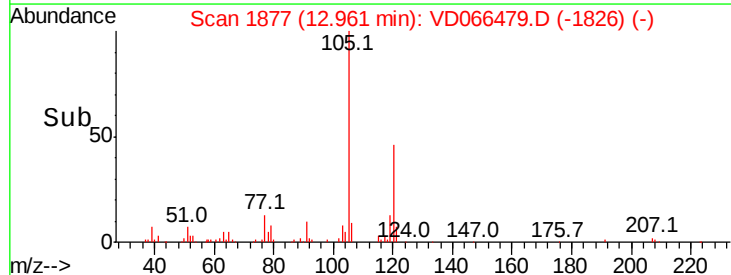
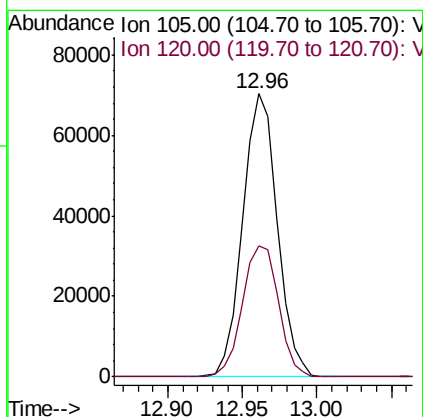
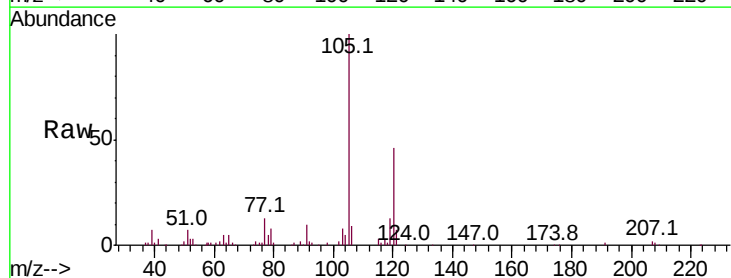
#79
 2-Chlorotoluene
 Concen: 19.286 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

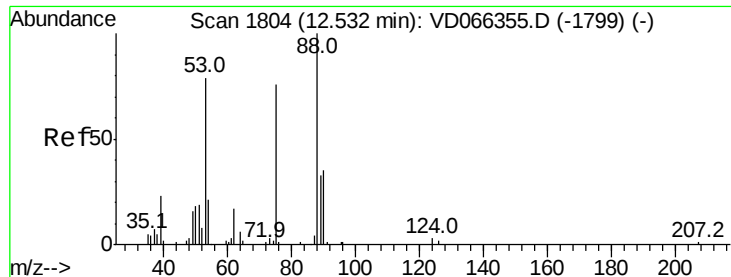
Tot Ion: 91 Resp: 82592
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.957 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tgt Ion:105 Resp: 112679
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.464 ug/l

RT: 12.53 min Scan# 1804

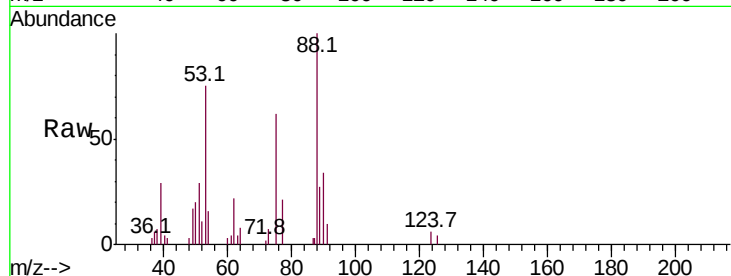
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

Tot Ion: 75 Resp: 6297

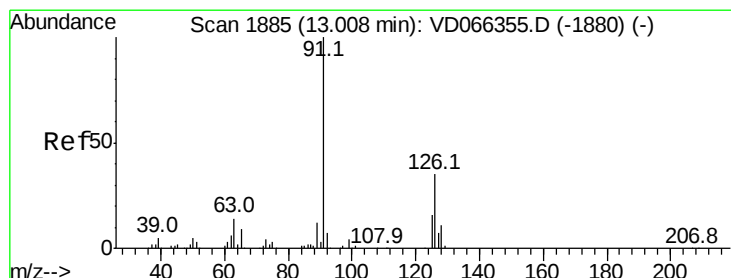
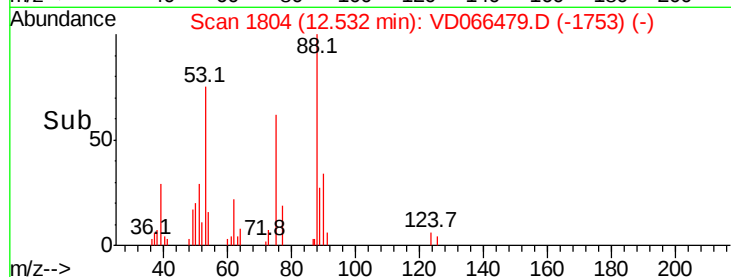
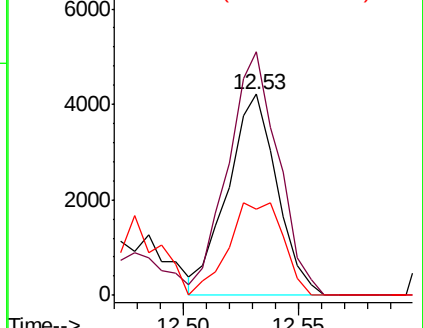
Ion	Ratio	Lower	Upper
75	100		
53	122.9	87.4	131.2
89	50.7	39.4	59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.313 ug/l

RT: 13.01 min Scan# 1885

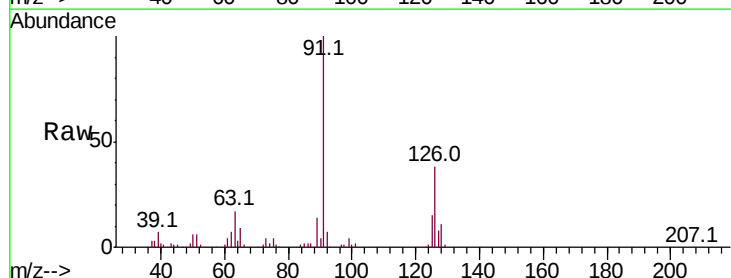
Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

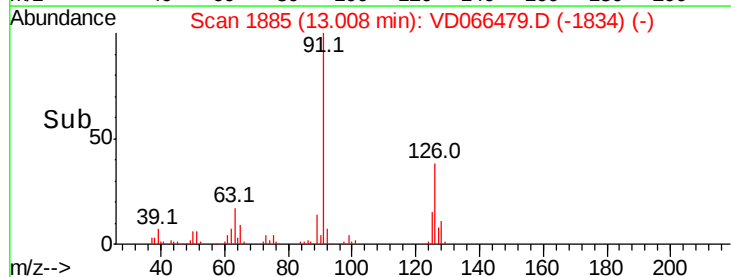
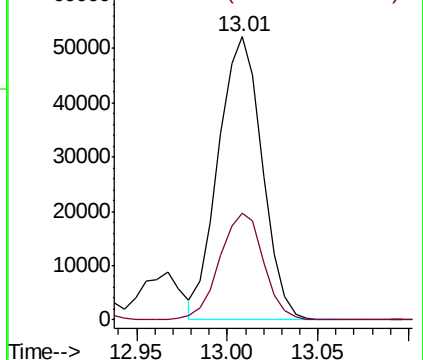
Tgt Ion: 91 Resp: 87625

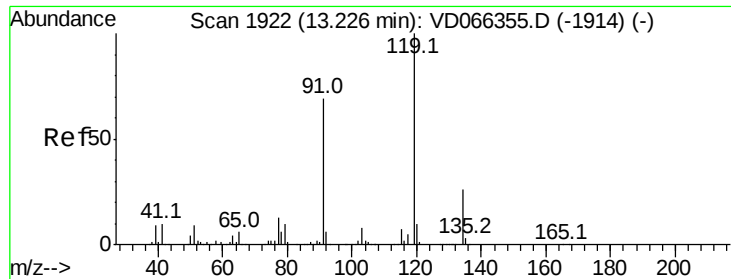
Ion	Ratio	Lower	Upper
91	100		
126	37.5	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.305 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

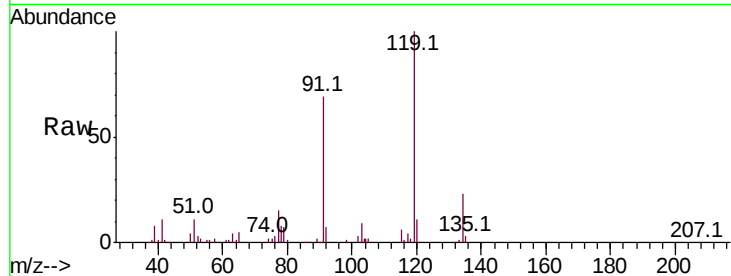
Tot Ion:119 Resp: 94674

Ion Ratio Lower Upper

119 100

91 70.6 33.5 100.5

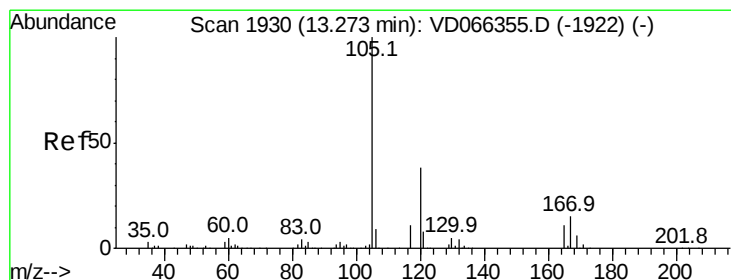
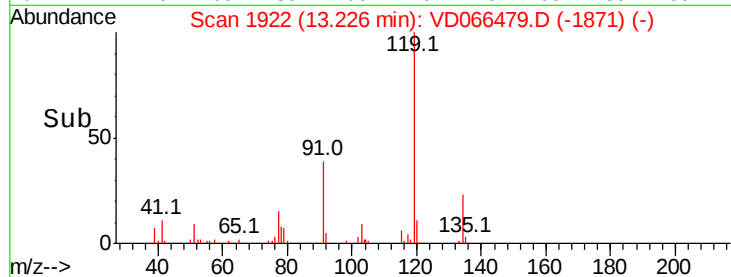
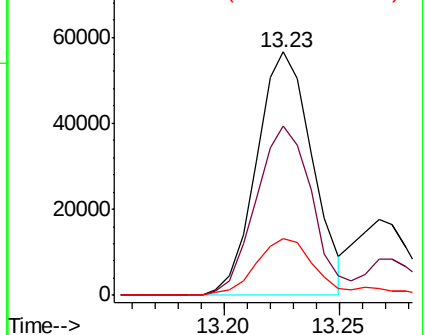
134 24.2 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.094 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066479.D

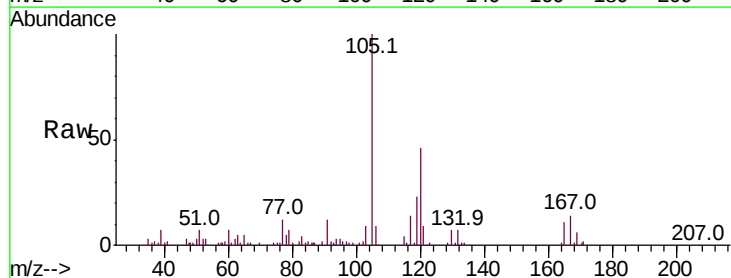
Acq: 31 Aug 2020 13:18

Tgt Ion:105 Resp: 111433

Ion Ratio Lower Upper

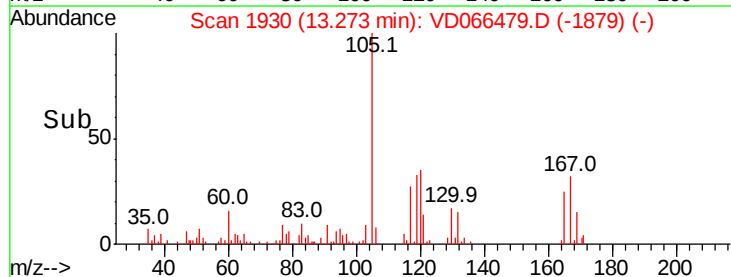
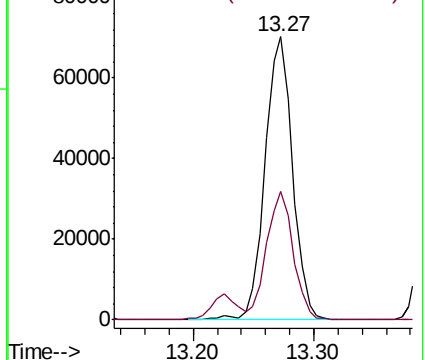
105 100

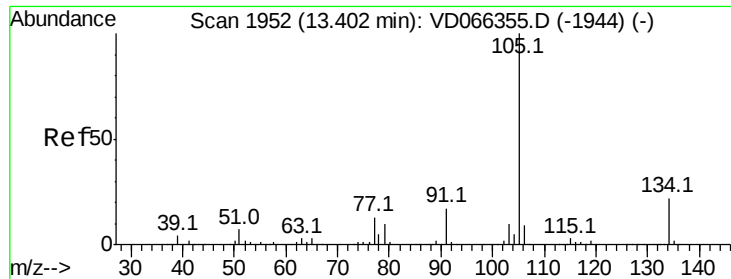
120 44.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.444 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066479.D

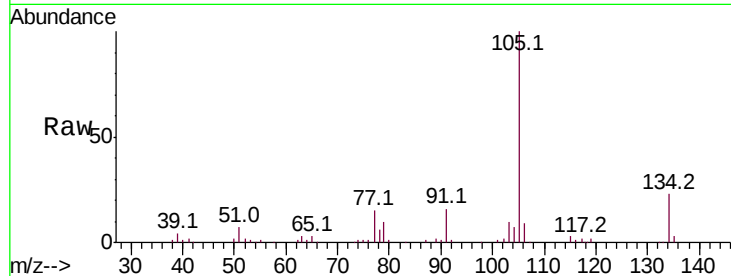
Acq: 31 Aug 2020 13:18

Tot Ion:105 Resp: 124939

Ion Ratio Lower Upper

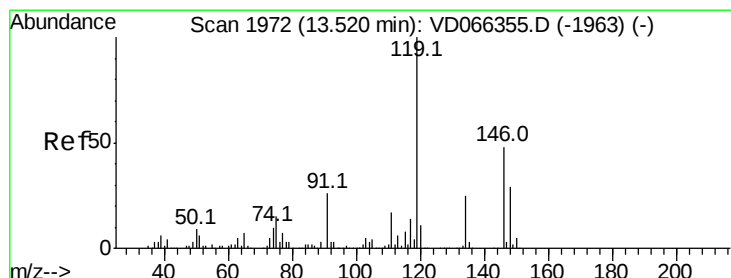
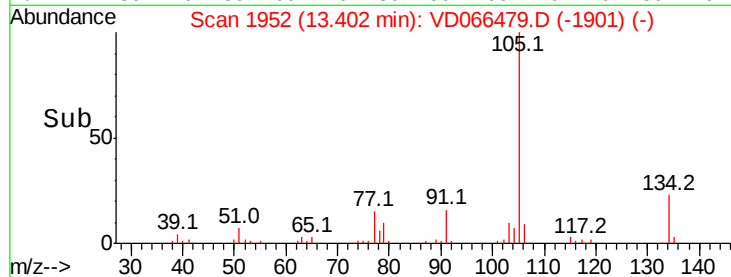
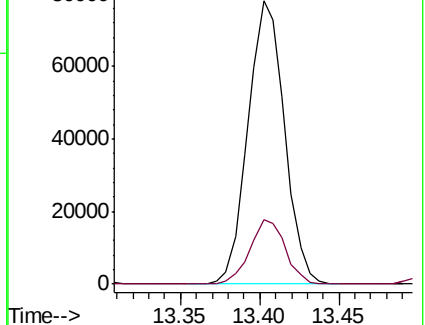
105 100

134 22.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.095 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

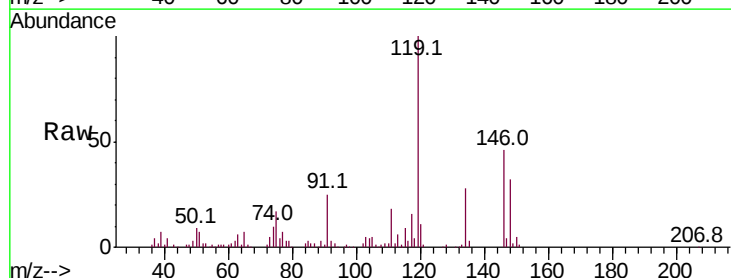
Tgt Ion:119 Resp: 124500

Ion Ratio Lower Upper

119 100

134 27.0 12.8 38.3

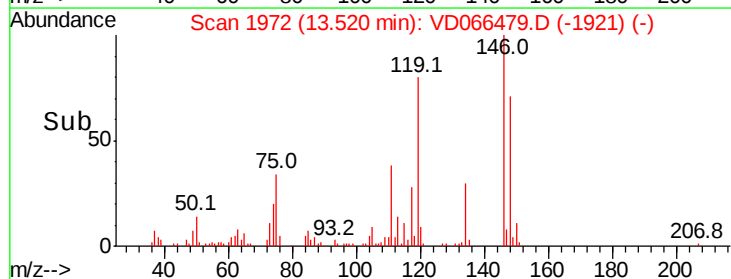
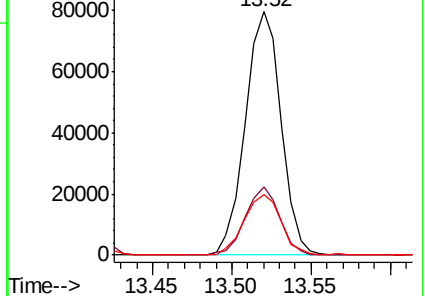
91 25.8 12.7 38.0

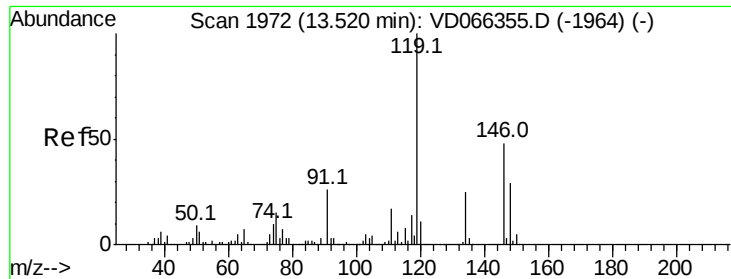


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.448 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

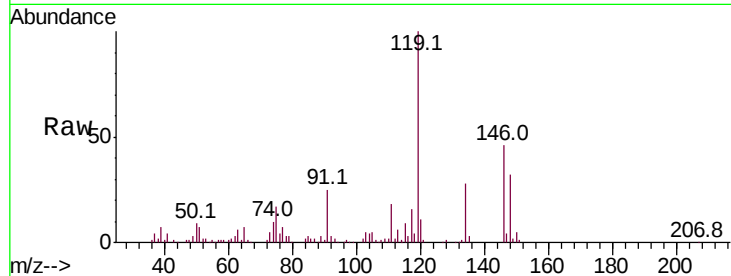
Tot Ion:146 Resp: 63352

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

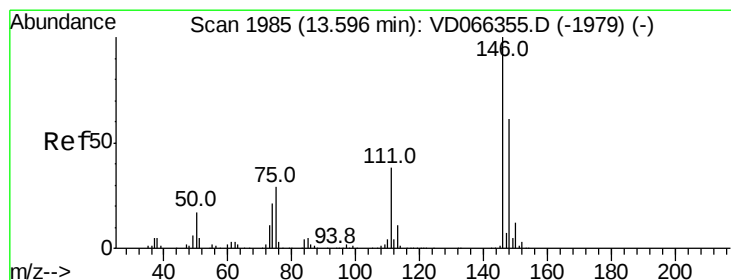
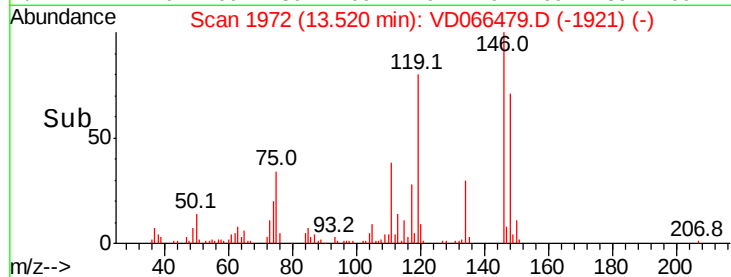
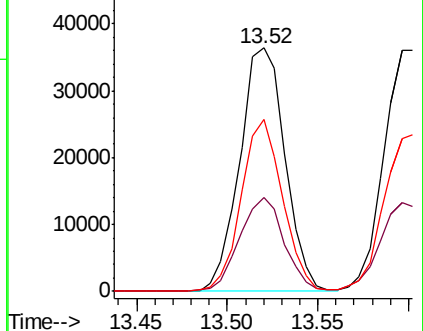
148 64.5 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 19.837 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066479.D

Acq: 31 Aug 2020 13:18

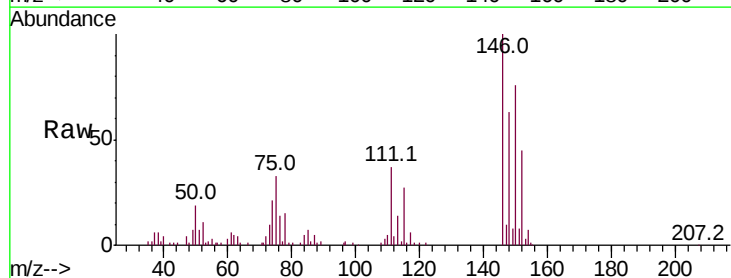
Tgt Ion:146 Resp: 61710

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

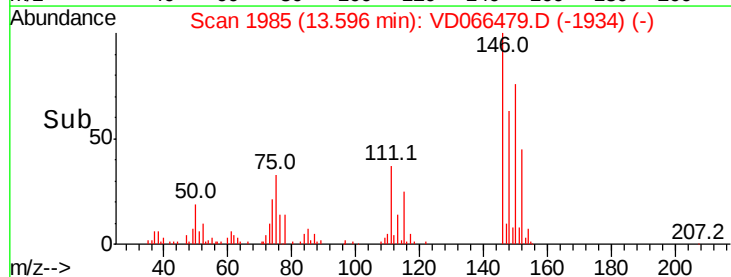
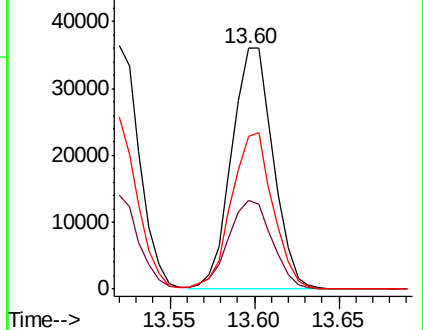
148 64.5 32.1 96.3

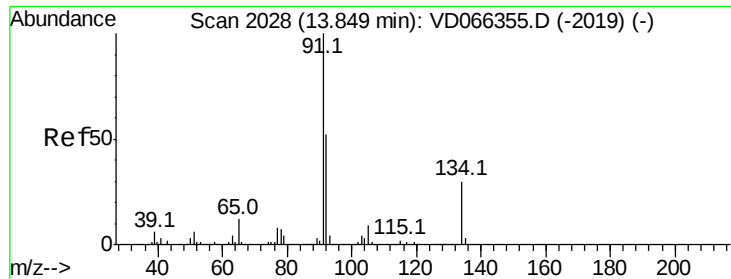


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

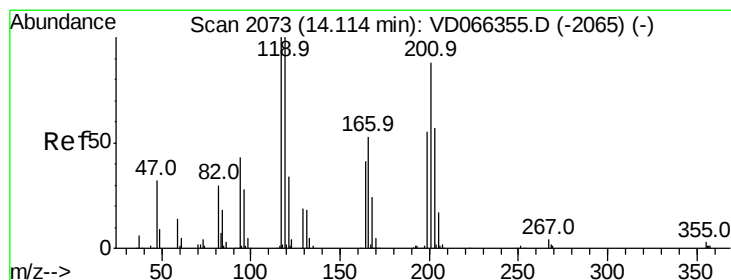
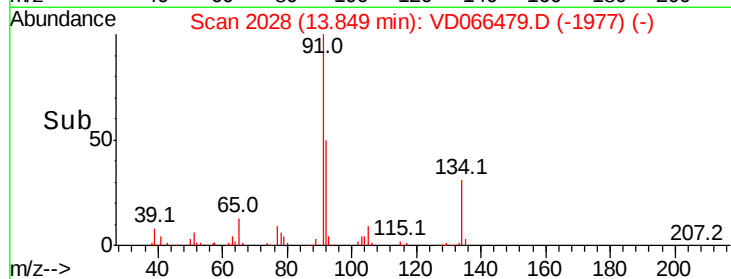
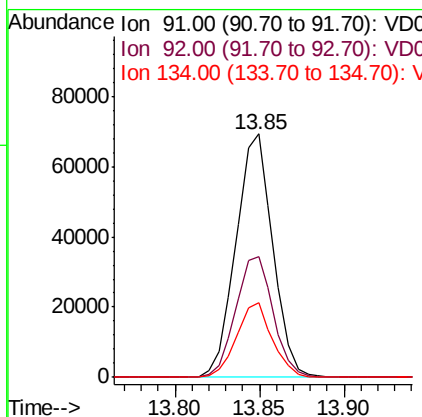
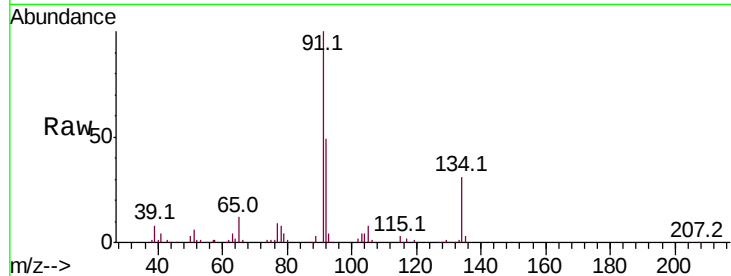
Ion 147.90 (147.60 to 148.60): V





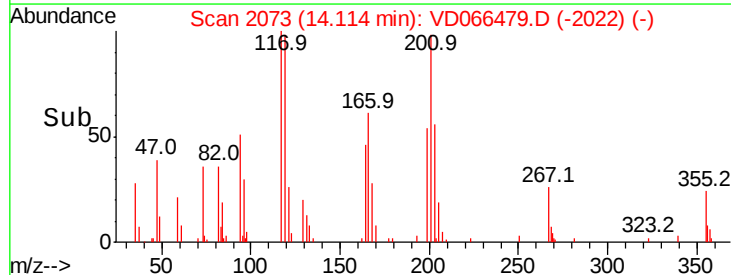
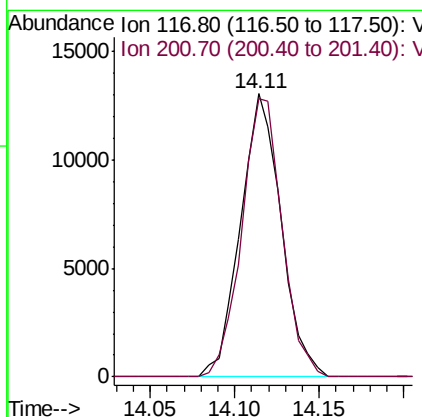
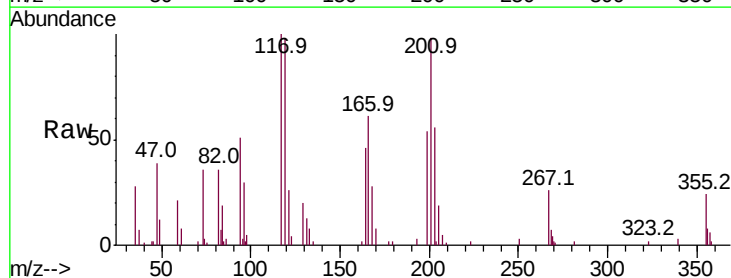
#89
n-Butylbenzene
Concen: 19.207 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

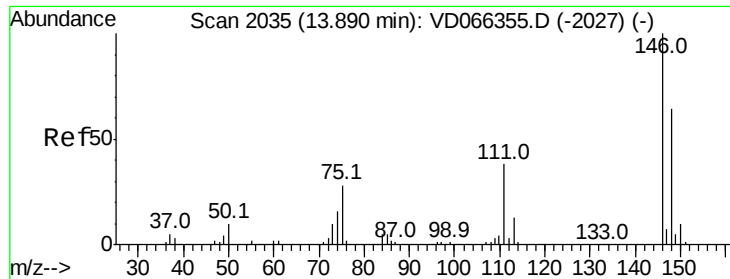
Tot Ion: 91 Resp: 105011
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 29.7 14.4 43.4



#90
Hexachloroethane
Concen: 17.874 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

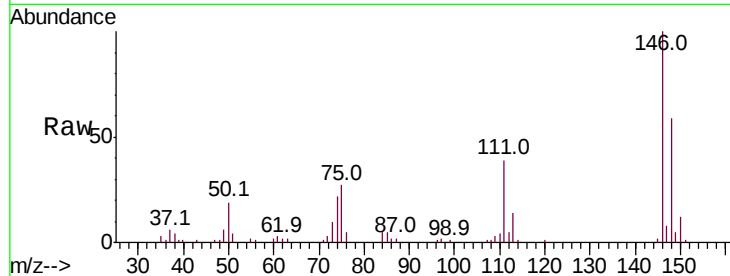
Tgt Ion: 117 Resp: 21876
Ion Ratio Lower Upper
117 100
201 97.6 45.4 136.2



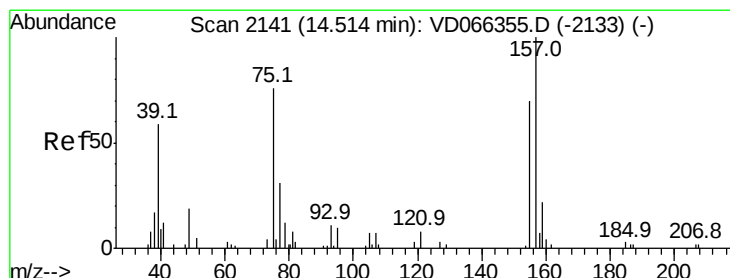
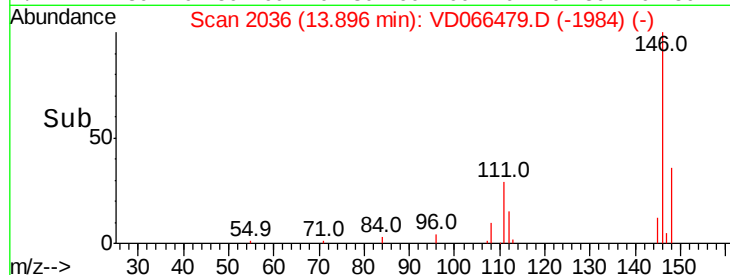
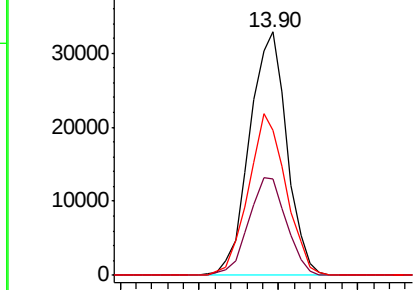


#91
 1,2-Dichlorobenzene
 Concen: 20.169 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tot Ion:146 Resp: 53794
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 66.6 32.6 97.8

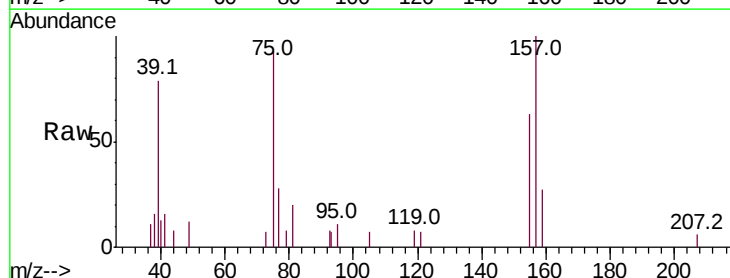


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

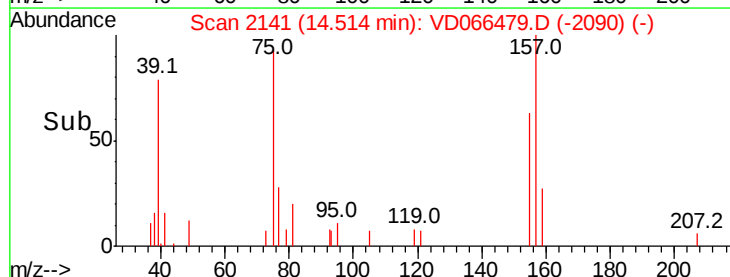
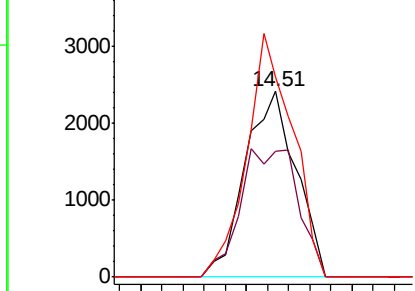


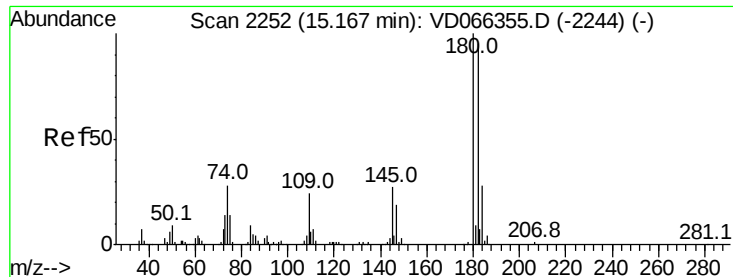
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.712 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

Tgt Ion: 75 Resp: 4058
 Ion Ratio Lower Upper
 75 100
 155 78.4 46.9 140.6
 157 117.8 61.0 183.0



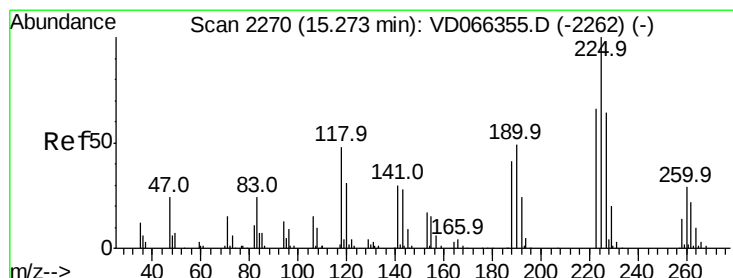
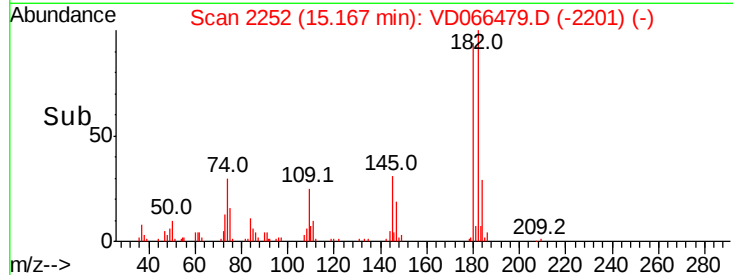
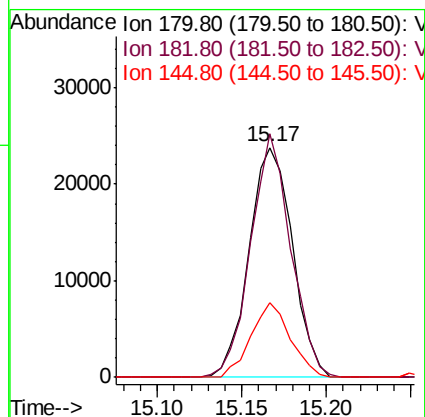
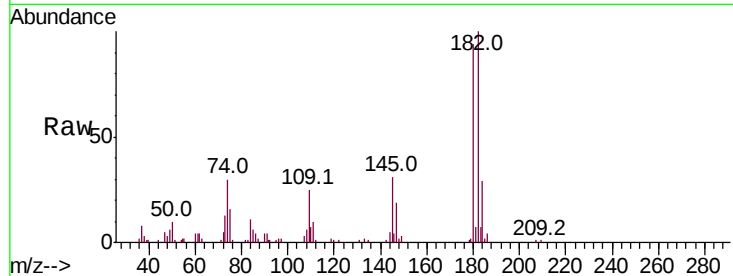
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





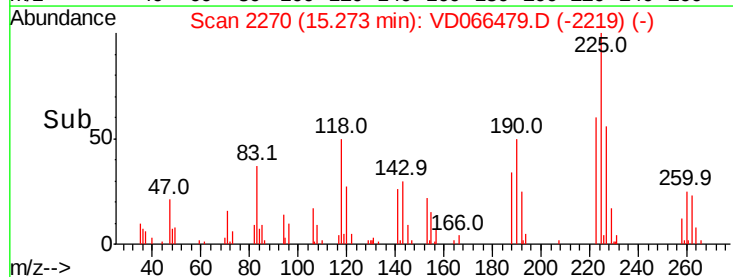
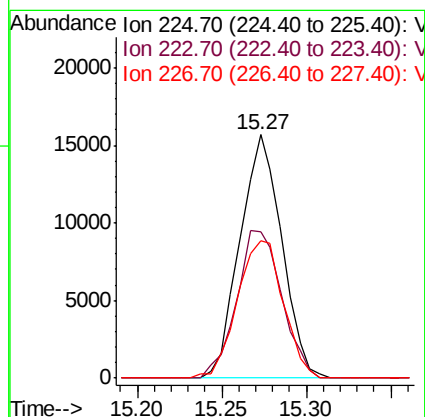
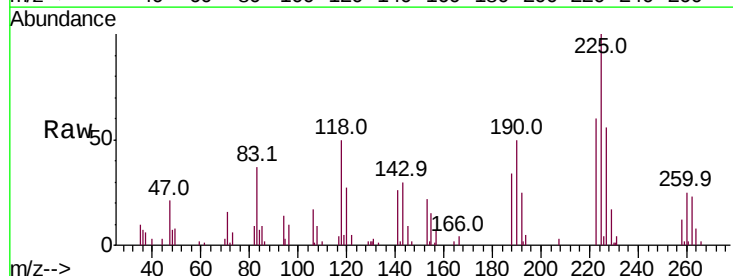
#93
 1,2,4-Trichlorobenzene
 Concen: 20.403 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

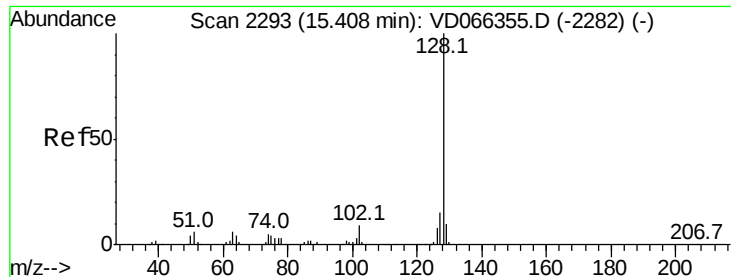
Tot Ion:180	Resp:	42484
Ion Ratio	Lower	Upper
180	100	
182	98.2	48.0 144.0
145	29.5	15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 20.886 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066479.D
 Acq: 31 Aug 2020 13:18

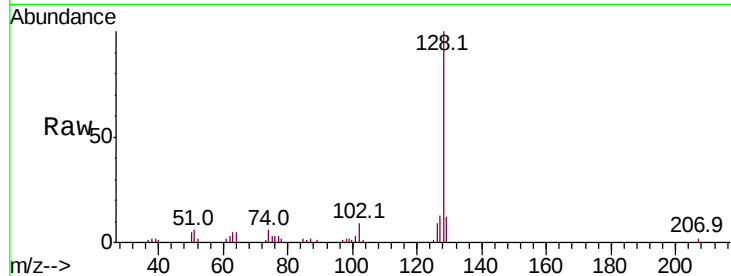
Tgt Ion:225	Resp:	27026
Ion Ratio	Lower	Upper
225	100	
223	65.3	32.5 97.4
227	61.9	33.0 98.9



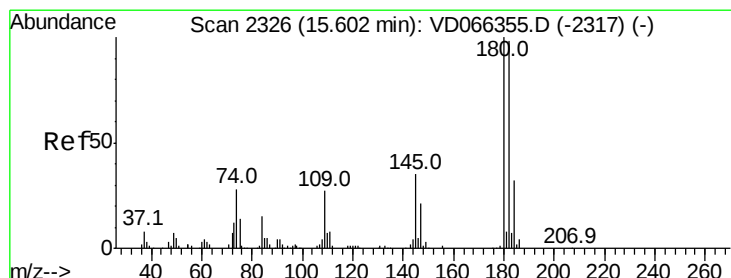
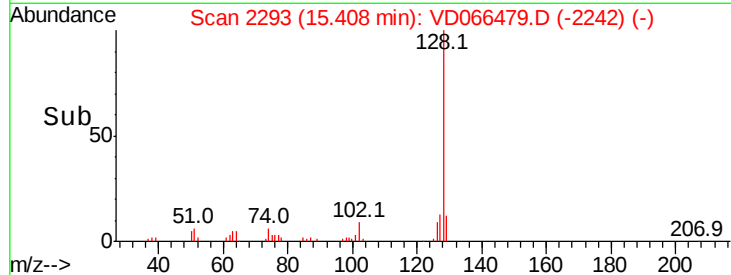
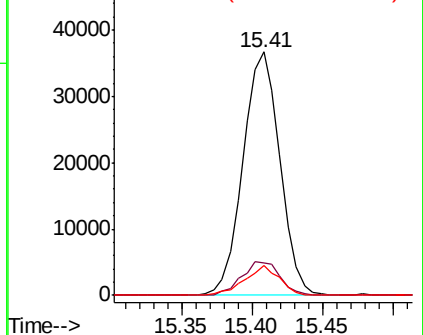


#95
Naphthalene
Concen: 20.560 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tot Ion:128 Resp: 67239
Ion Ratio Lower Upper
128 100
127 14.5 10.7 16.1
129 11.4 8.6 12.8

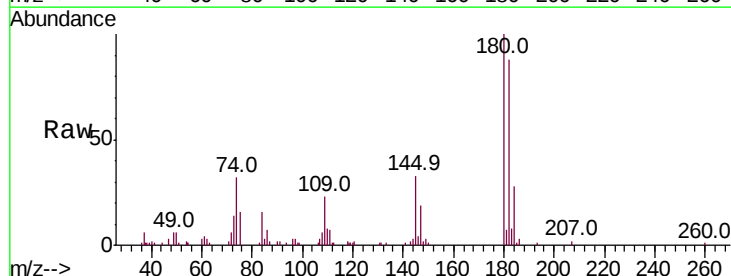


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.701 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066479.D
Acq: 31 Aug 2020 13:18

Tgt Ion:180 Resp: 36925
Ion Ratio Lower Upper
180 100
182 91.8 46.7 140.0
145 33.0 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

