

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066474.D
 Acq On : 31 Aug 2020 10:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 01 01:00:11 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	160789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	219550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	197203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103686	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	88325	56.03	ug/l	0.00
Spiked Amount						
			Recovery	=	112.06%	
35) Dibromofluoromethane	7.91	113	70126	51.08	ug/l	0.00
Spiked Amount						
			Recovery	=	102.16%	
50) Toluene-d8	10.34	98	264089	52.57	ug/l	0.00
Spiked Amount						
			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.63	95	92215	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	63306	46.312	ug/l	99
3) Chloromethane	2.21	50	39497	40.763	ug/l	98
4) Vinyl Chloride	2.35	62	48698	46.810	ug/l	95
5) Bromomethane	2.76	94	42336	54.407	ug/l	99
6) Chloroethane	2.93	64	33041	49.600	ug/l	97
7) Trichlorofluoromethane	3.28	101	152002	53.732	ug/l	98
8) Diethyl Ether	3.71	74	29226	46.110	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65911	47.211	ug/l	96
10) Methyl Iodide	4.30	142	73385	46.087	ug/l	93
11) Tert butyl alcohol	5.21	59	22856	253.564	ug/l	96
12) 1,1-Dichloroethene	4.07	96	61925	47.254	ug/l	98
13) Acrolein	3.93	56	9897	141.384	ug/l	91
14) Allyl chloride	4.71	41	71522	40.889	ug/l #	79
15) Acrylonitrile	5.41	53	53707	211.188	ug/l	100
16) Acetone	4.16	43	84727	298.131	ug/l	94
17) Carbon Disulfide	4.41	76	166940	42.034	ug/l	98
18) Methyl Acetate	4.71	43	20949	39.275	ug/l #	86
19) Methyl tert-butyl Ether	5.48	73	160005	50.706	ug/l	98
20) Methylene Chloride	4.97	84	67189	43.407	ug/l #	86
21) trans-1,2-Dichloroethene	5.47	96	70423	46.165	ug/l	98
22) Diisopropyl ether	6.36	45	145293	42.902	ug/l	92
23) Vinyl Acetate	6.30	43	453976	216.538	ug/l	96
24) 1,1-Dichloroethane	6.26	63	109255	45.651	ug/l	97
25) 2-Butanone	7.21	43	72255	223.956	ug/l	91
26) 2,2-Dichloropropane	7.21	77	138468	53.983	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	77877	47.644	ug/l	97
28) Bromochloromethane	7.54	49	36382	44.133	ug/l	85
29) Tetrahydrofuran	7.56	42	34514	188.344	ug/l #	85
30) Chloroform	7.71	83	144493	52.183	ug/l	99
31) Cyclohexane	7.98	56	86778	39.646	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	156372	55.179	ug/l	99
36) 1,1-Dichloropropene	8.11	75	101562	50.699	ug/l	99
37) Ethyl Acetate	7.29	43	31105	45.653	ug/l #	65
38) Carbon Tetrachloride	8.09	117	156084	59.804	ug/l	95

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

39) Methylcyclohexane	9.35	83	118493	50.213	ug/l	96
40) Benzene	8.34	78	259636	49.267	ug/l	93
41) Methacrylonitrile	7.52	41	17104	40.708	ug/l #	70
42) 1,2-Dichloroethane	8.42	62	106358	57.302	ug/l	99
43) Isopropyl Acetate	8.44	43	62625	45.794	ug/l	98
44) Trichloroethene	9.11	130	88112	51.455	ug/l	97
45) 1,2-Dichloropropane	9.38	63	55466	46.426	ug/l	97
46) Dibromomethane	9.47	93	38172	51.316	ug/l	96
47) Bromodichloromethane	9.66	83	109112	53.338	ug/l	99
48) Methyl methacrylate	9.45	41	30683	43.510	ug/l #	91
49) 1,4-Dioxane	9.46	88	8362	968.118	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	142145	214.863	ug/l	98
52) Toluene	10.40	92	179867	50.378	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	101324	52.200	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	104704	48.056	ug/l #	86
55) 1,1,2-Trichloroethane	10.80	97	47993	47.659	ug/l	91
56) Ethyl methacrylate	10.66	69	52690	45.199	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	78137	46.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	116225	240.053	ug/l	90
59) 2-Hexanone	10.98	43	110478	236.751	ug/l	99
60) Dibromochloromethane	11.14	129	77375	50.974	ug/l	97
61) 1,2-Dibromoethane	11.24	107	46739	47.163	ug/l	93
64) Tetrachloroethene	10.87	164	77243	51.634	ug/l	89
65) Chlorobenzene	11.67	112	203226	51.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	86045	53.666	ug/l	97
67) Ethyl Benzene	11.74	91	360560	52.209	ug/l	95
68) m/p-Xylenes	11.85	106	275969	104.840	ug/l	96
69) o-Xylene	12.18	106	125696	51.330	ug/l	97
70) Styrene	12.20	104	224081	53.293	ug/l	98
71) Bromoform	12.36	173	46252	50.846	ug/l #	99
73) Isopropylbenzene	12.48	105	372586	53.641	ug/l	98
74) N-amyl acetate	12.29	43	55592	44.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	41706	42.032	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	70035	96.013	ug/l #	1
77) Bromobenzene	12.76	156	92780	52.628	ug/l	95
78) n-propylbenzene	12.82	91	408725	51.321	ug/l	98
79) 2-Chlorotoluene	12.91	91	230346	50.641	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	324913	54.178	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14979	43.589	ug/l #	78
82) 4-Chlorotoluene	13.01	91	249537	51.780	ug/l	98
83) tert-Butylbenzene	13.23	119	277847	53.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	321493	54.579	ug/l	98
85) sec-Butylbenzene	13.40	105	361691	52.996	ug/l	100
86) p-Isopropyltoluene	13.52	119	358226	54.435	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	171680	52.169	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	172025	52.062	ug/l	99
89) n-Butylbenzene	13.84	91	299077	51.501	ug/l	99
90) Hexachloroethane	14.11	117	63085	48.527	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	151186	53.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11180	53.722	ug/l	79

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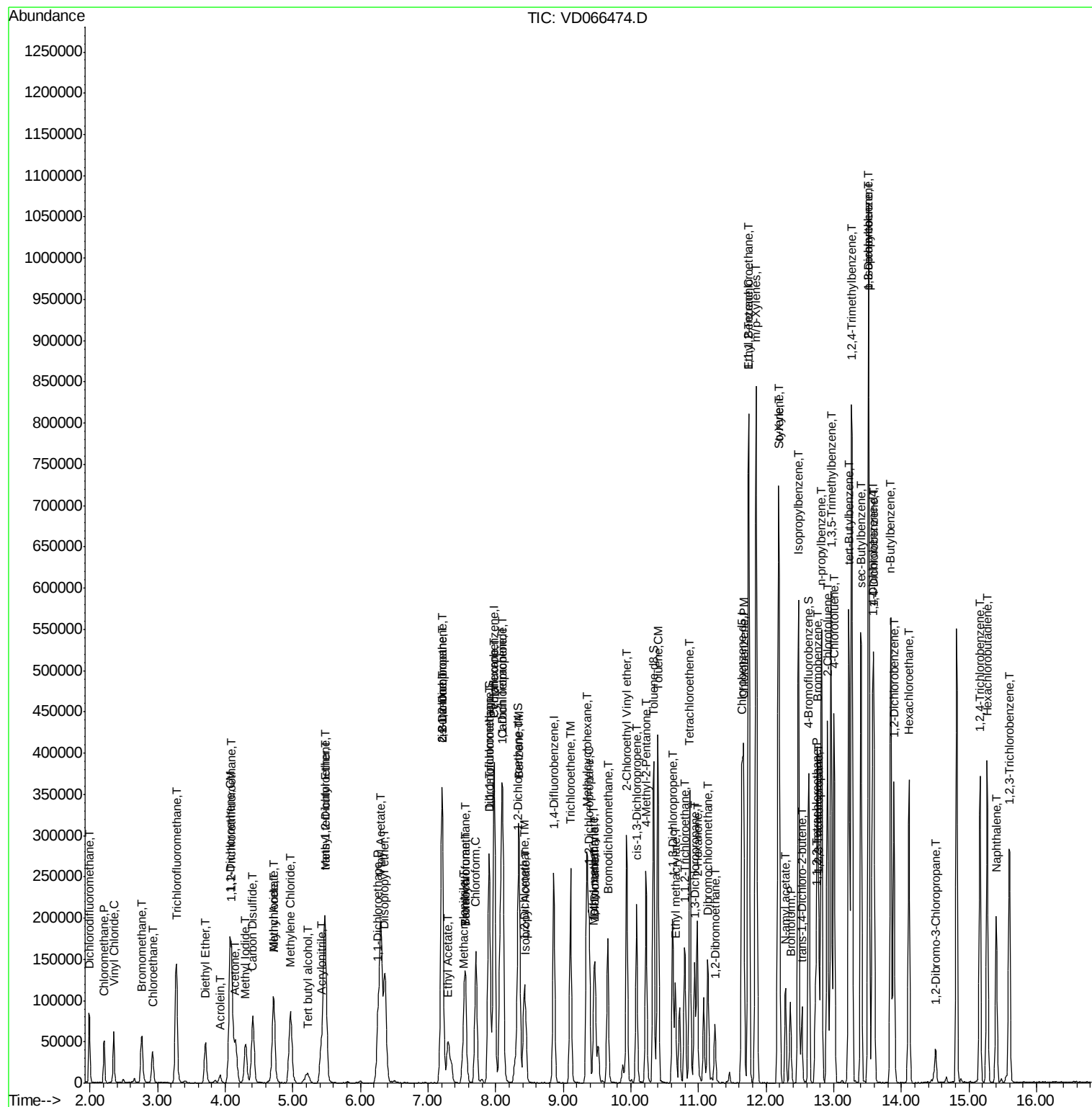
Quant Time: Sep 01 01:00:11 2020
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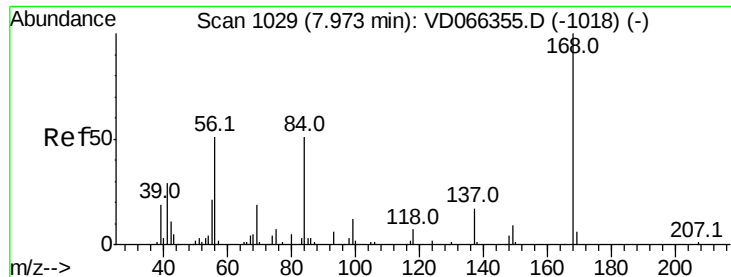
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119205	53.898	ug/l	97
94) Hexachlorobutadiene	15.27	225	76962	55.996	ug/l	98
95) Naphthalene	15.41	128	181162	52.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	100595	53.096	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066474.D

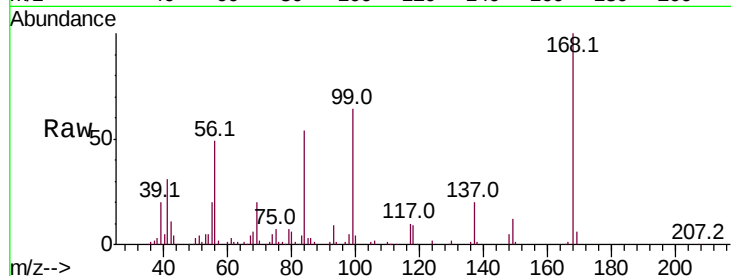
Acq: 31 Aug 2020 10:35

Tot Ion:168 Resp: 160789

Ion Ratio Lower Upper

168 100

99 63.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

40000

20000

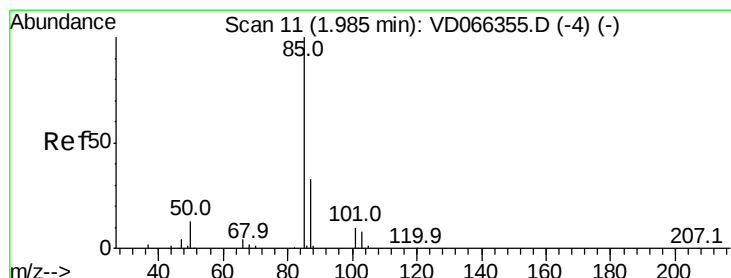
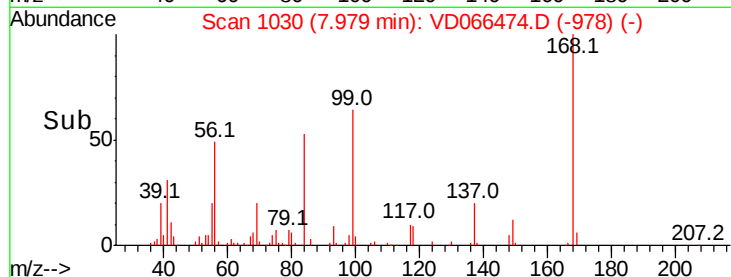
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.312 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066474.D

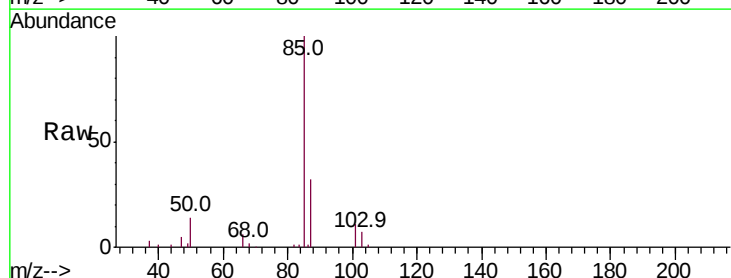
Acq: 31 Aug 2020 10:35

Tgt Ion: 85 Resp: 63306

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

20000

10000

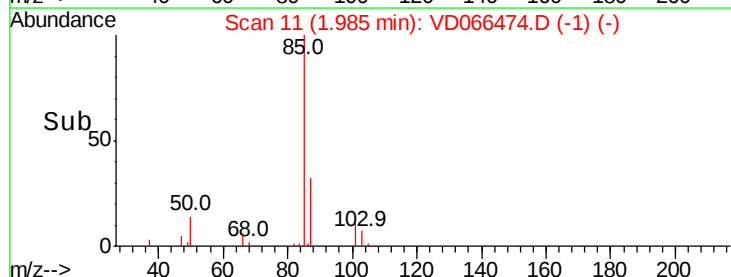
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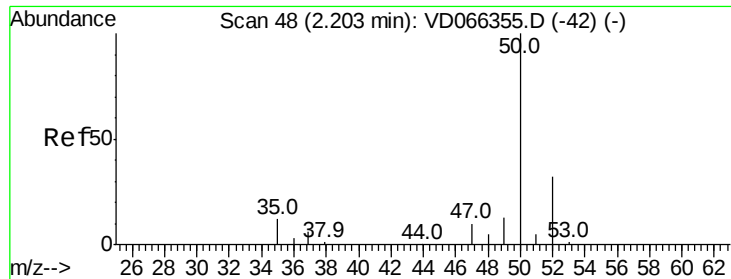
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 40.763 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066474.D

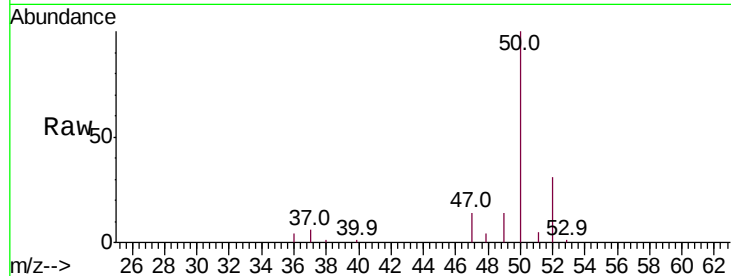
Acq: 31 Aug 2020 10:35

Tot Ion: 50 Resp: 39497

Ion Ratio Lower Upper

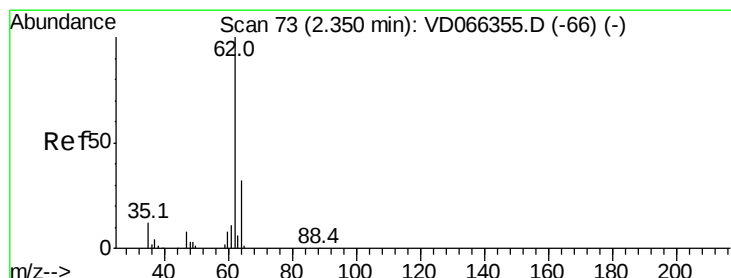
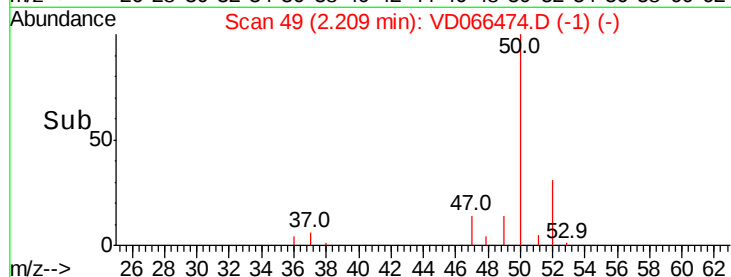
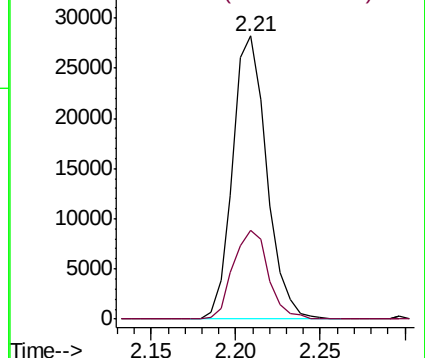
50 100

52 31.3 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: 46.810 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066474.D

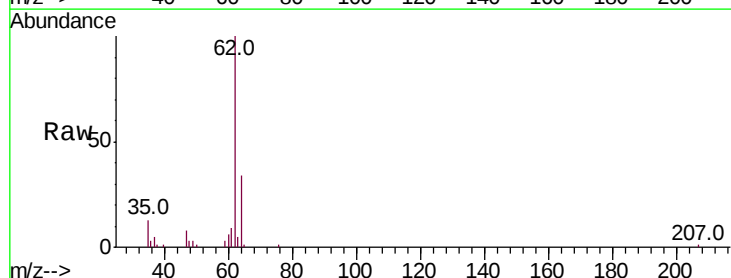
Acq: 31 Aug 2020 10:35

Tgt Ion: 62 Resp: 48698

Ion Ratio Lower Upper

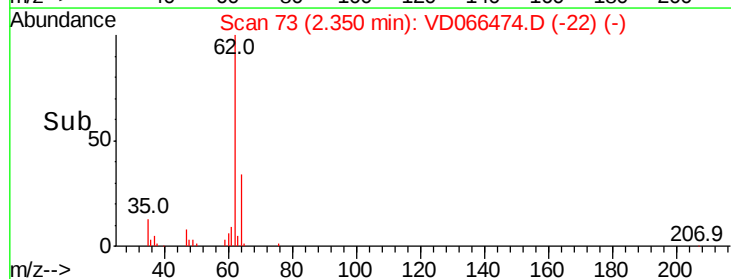
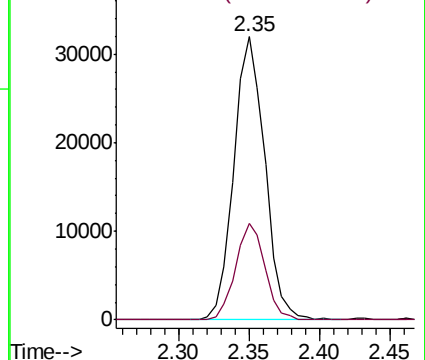
62 100

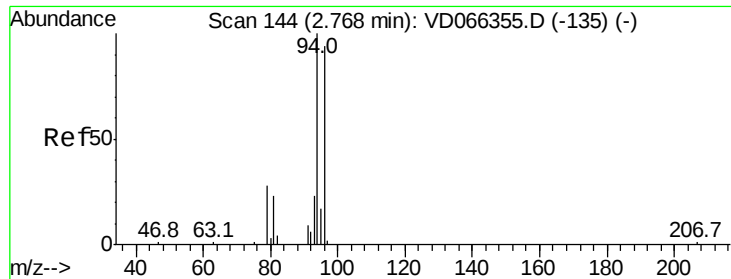
64 34.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 54.407 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066474.D

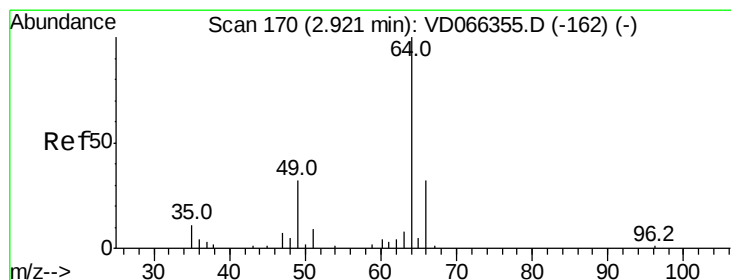
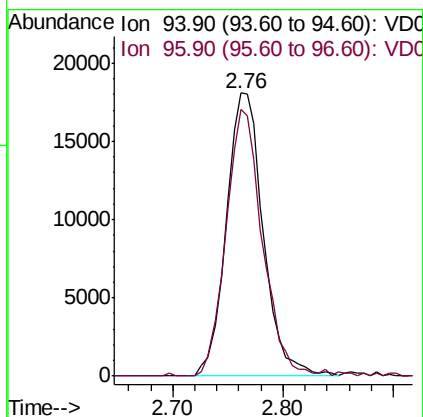
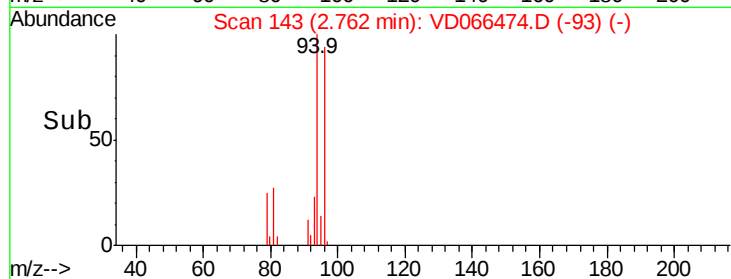
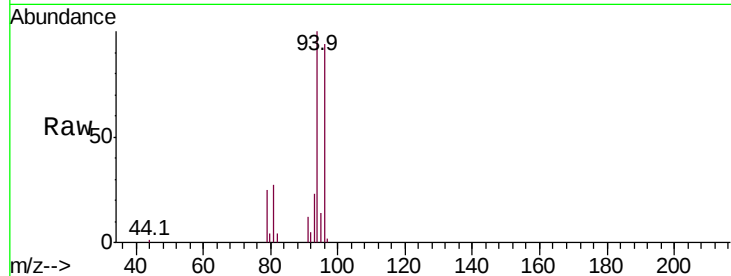
Acq: 31 Aug 2020 10:35

Tot Ion: 94 Resp: 42336

Ion Ratio Lower Upper

94 100

96 94.3 75.0 112.4



#6

Chloroethane

Concen: 49.600 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066474.D

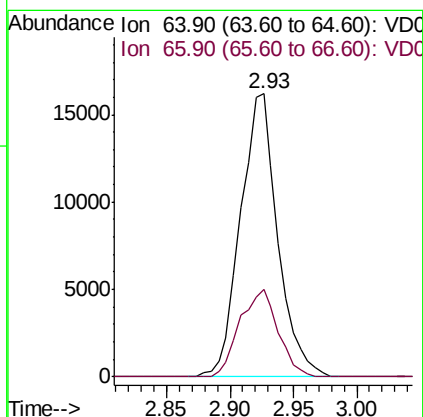
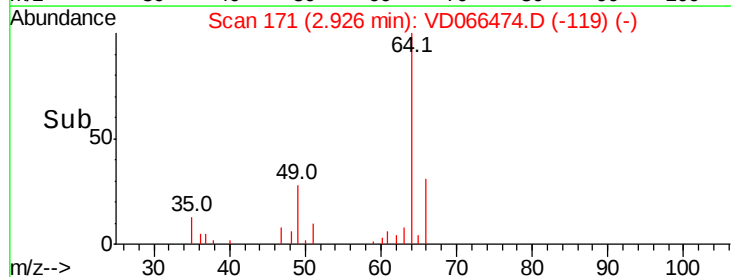
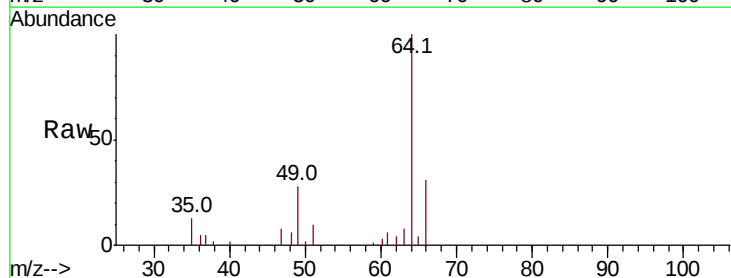
Acq: 31 Aug 2020 10:35

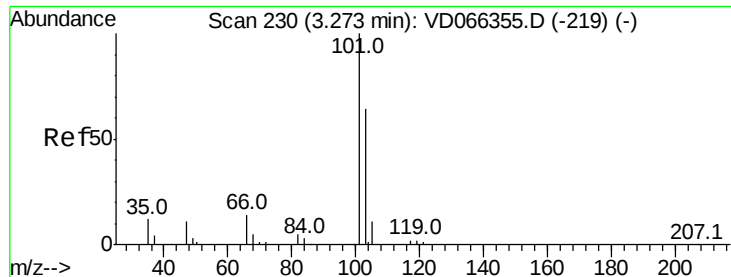
Tgt Ion: 64 Resp: 33041

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9

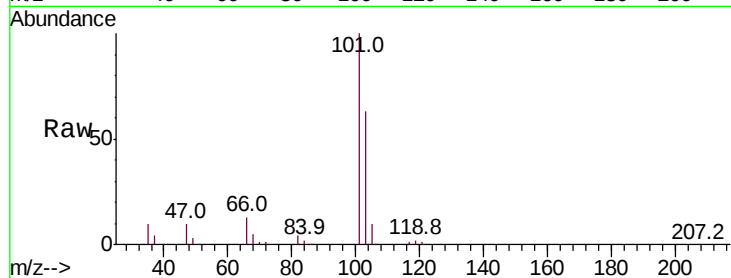




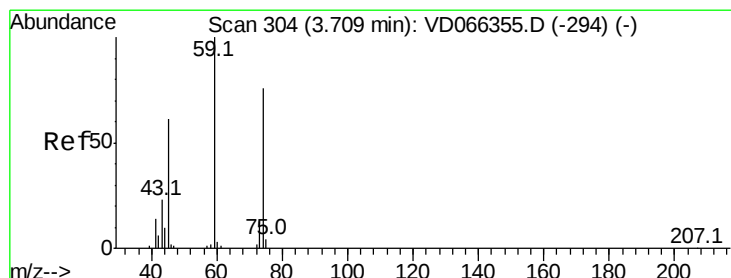
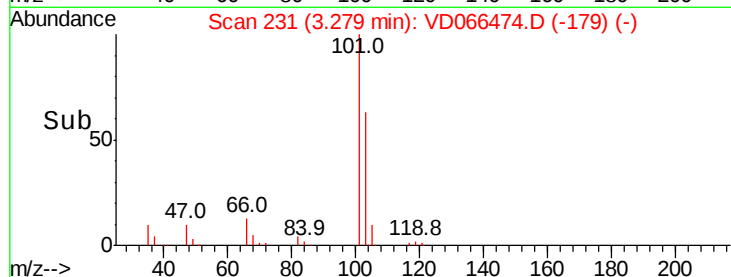
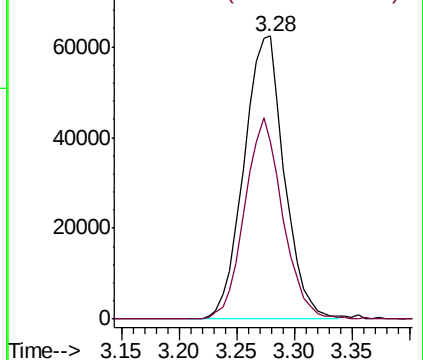
#7

Trichlorofluoromethane
Concen: 53.732 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion:101 Resp: 152002
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.0



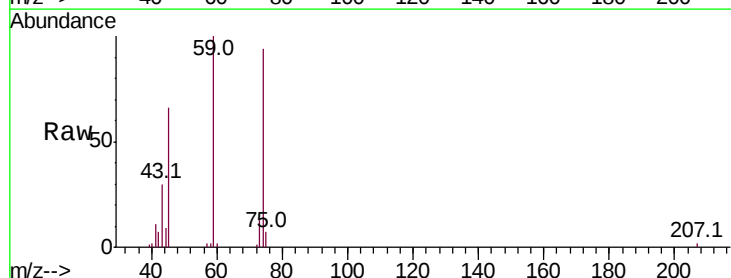
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



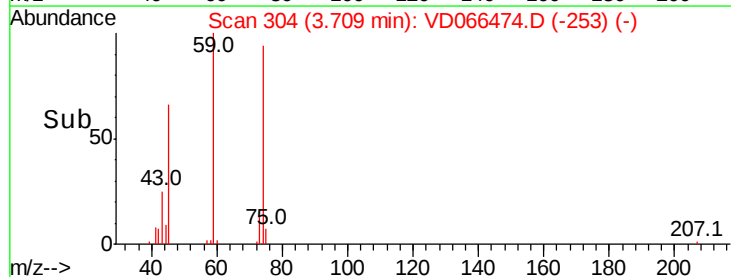
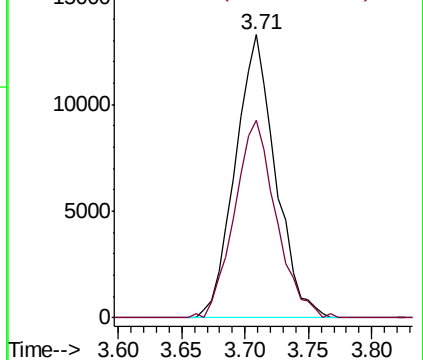
#8

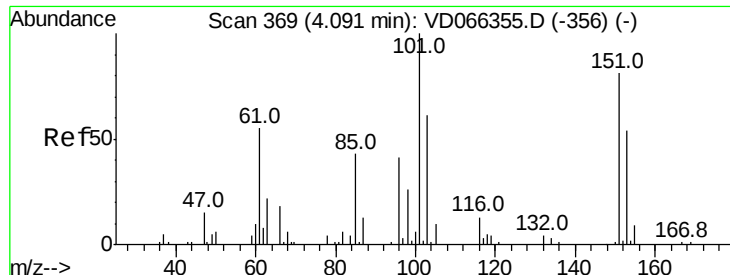
Diethyl Ether
Concen: 46.110 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 74 Resp: 29226
Ion Ratio Lower Upper
74 100
45 72.3 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: 47.211 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

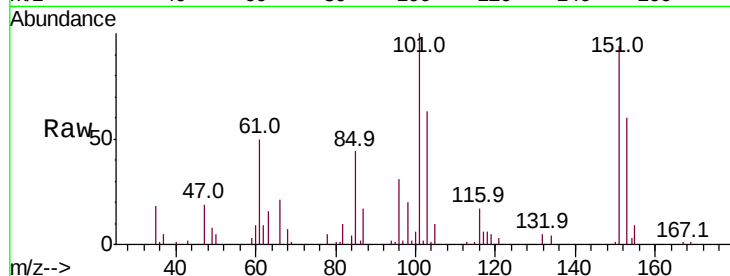
Tot Ion:101 Resp: 65911

Ion Ratio Lower Upper

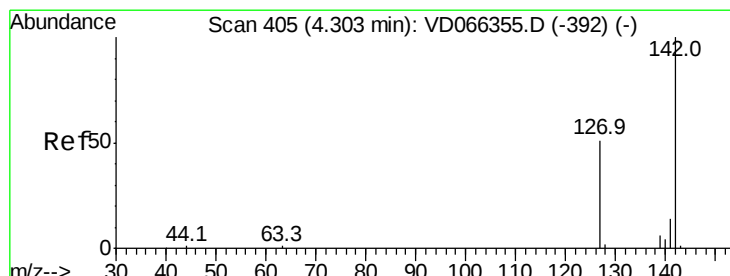
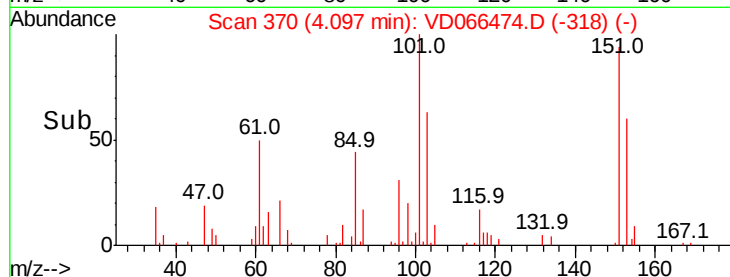
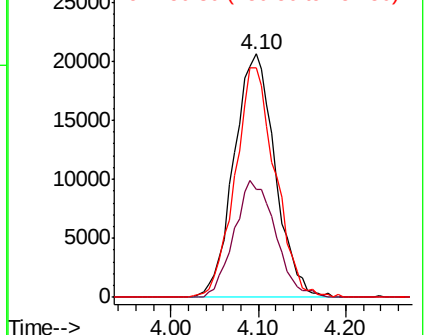
101 100

85 48.1 36.4 54.6

151 92.2 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: 46.087 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

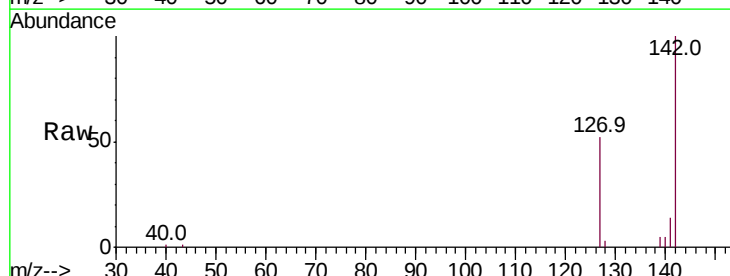
Tgt Ion:142 Resp: 73385

Ion Ratio Lower Upper

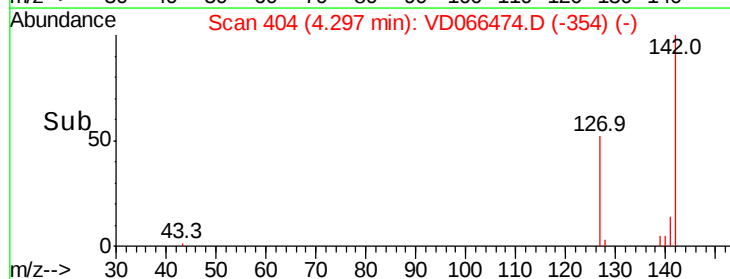
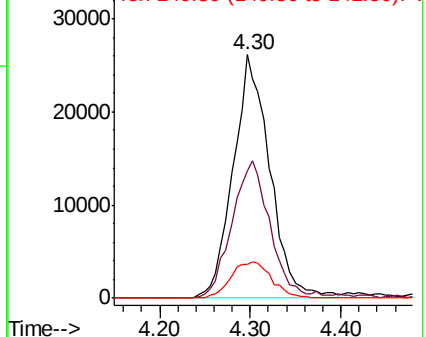
142 100

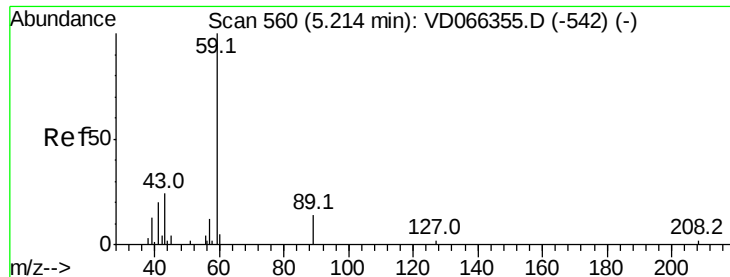
127 58.0 41.8 62.8

141 16.4 11.8 17.6



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





#11

Tert butyl alcohol

Concen: 253.564 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066474.D

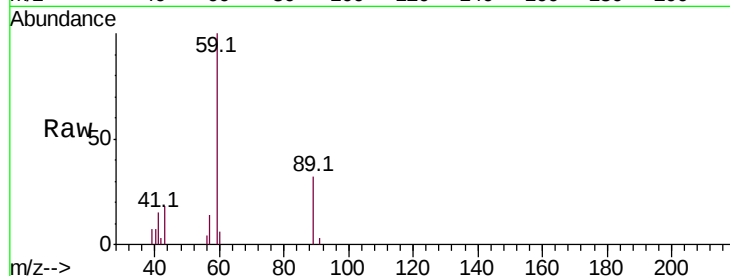
Acq: 31 Aug 2020 10:35

Tot Ion: 59 Resp: 22856

Ion Ratio Lower Upper

59 100

57 9.6 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

6000

5000

4000

3000

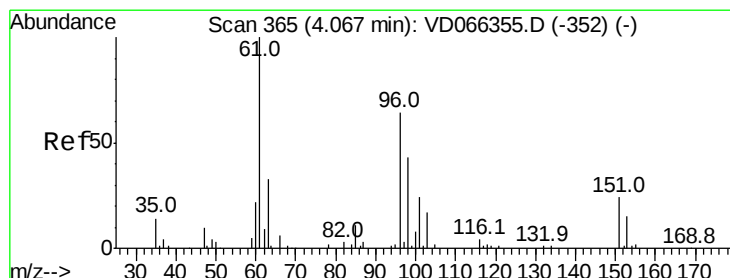
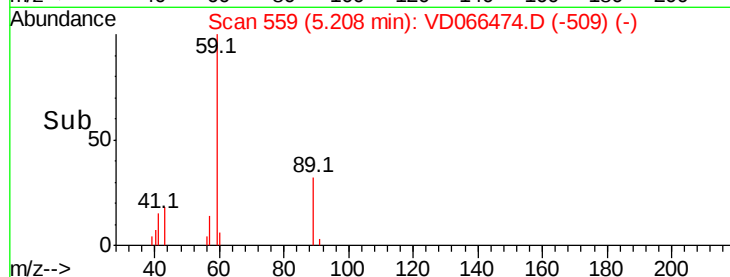
2000

1000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 47.254 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

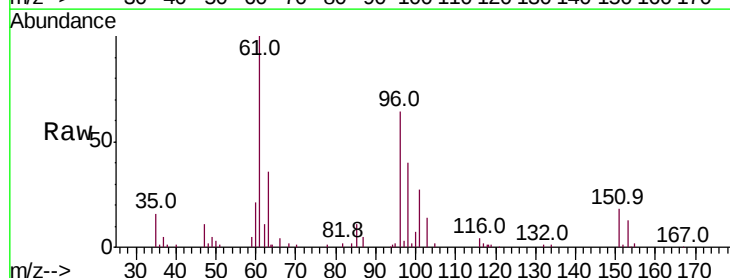
Tgt Ion: 96 Resp: 61925

Ion Ratio Lower Upper

96 100

61 156.3 124.3 186.5

98 63.0 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

50000

40000

30000

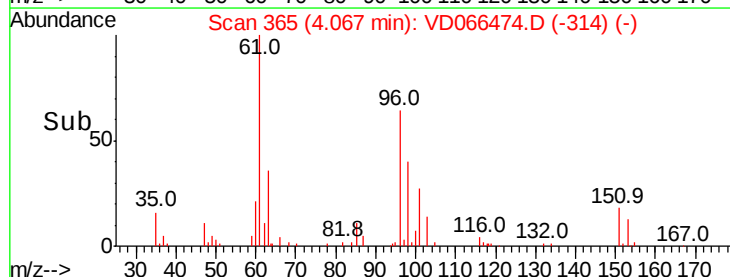
20000

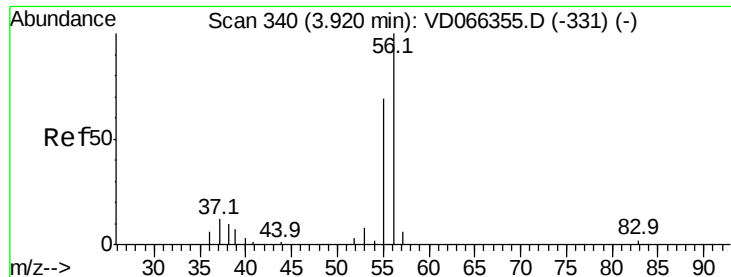
10000

0

Time-->

4.00 4.10 4.20





#13

Acrolein

Concen: 141.384 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066474.D

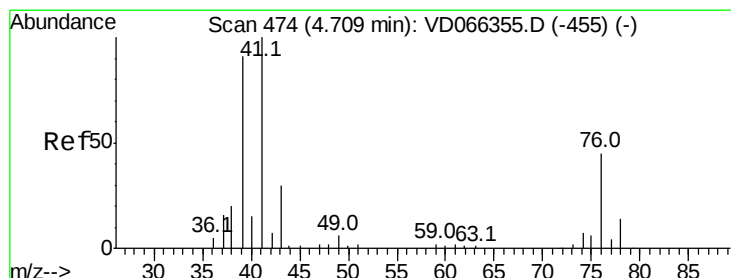
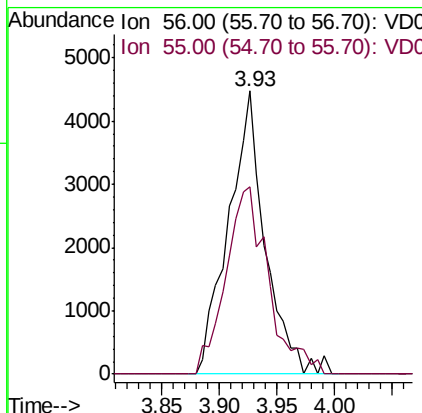
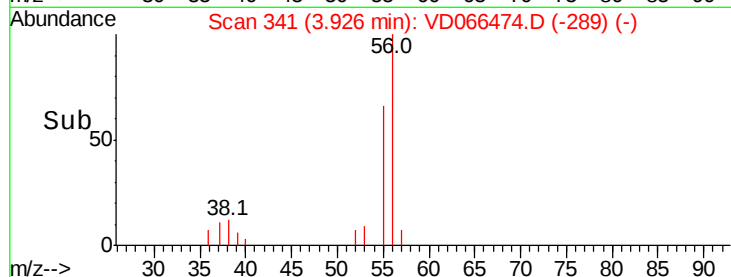
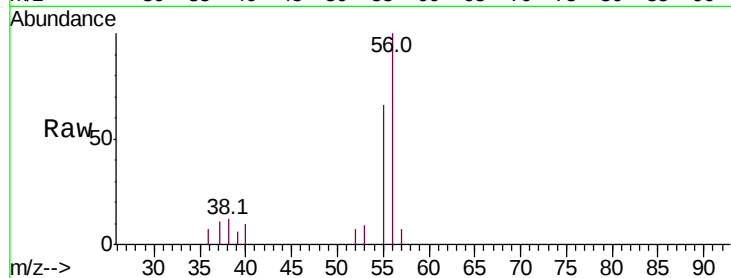
Acq: 31 Aug 2020 10:35

Tot Ion: 56 Resp: 9897

Ion Ratio Lower Upper

56 100

55 76.6 55.5 83.3



#14

Allyl chloride

Concen: 40.889 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

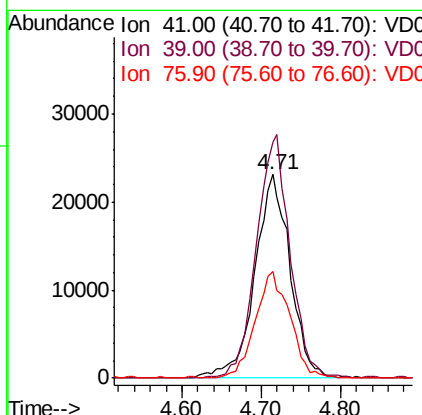
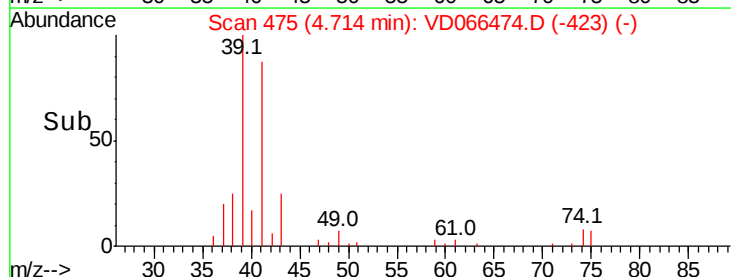
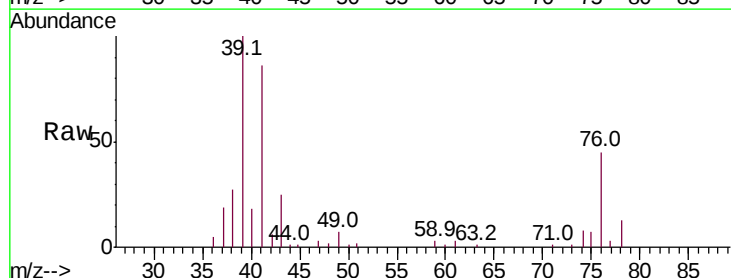
Tgt Ion: 41 Resp: 71522

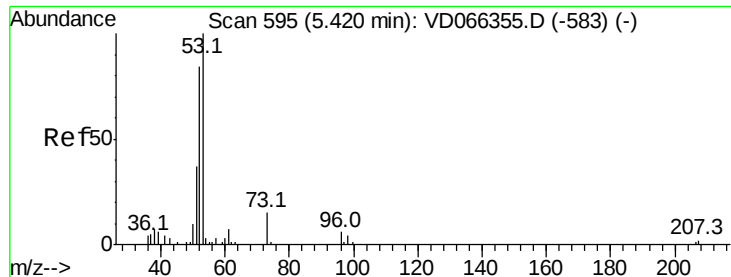
Ion Ratio Lower Upper

41 100

39 114.4 72.8 109.2#

76 51.5 34.0 51.0#





#15

Acrylonitrile

Concen: 211.188 ug/l

RT: 5.41 min Scan# 594

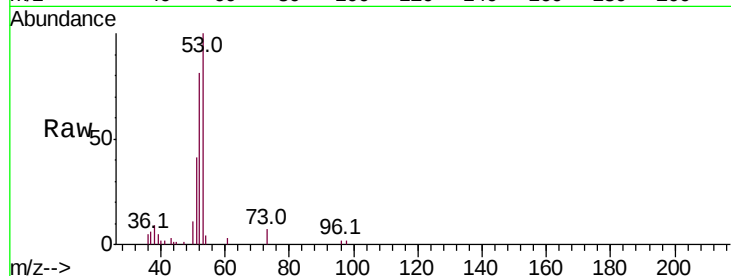
Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tot Ion: 53 Resp: 53707

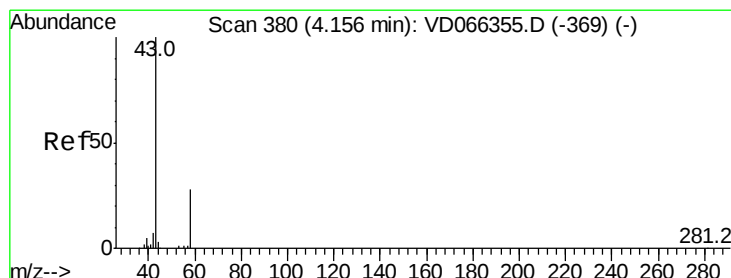
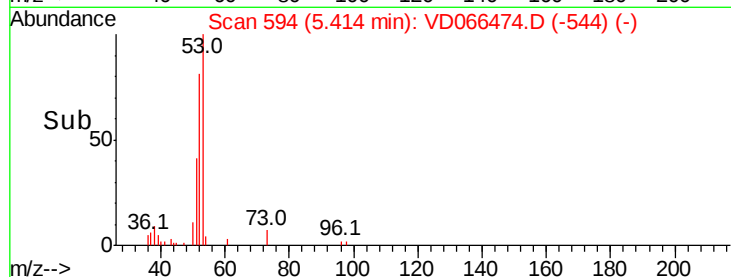
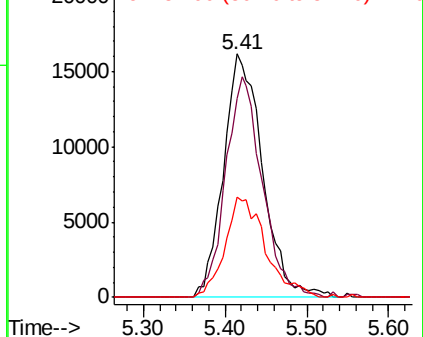
Ion	Ratio	Lower	Upper
53	100		
52	85.2	68.1	102.1
51	42.5	33.8	50.6



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: 298.131 ug/l

RT: 4.16 min Scan# 380

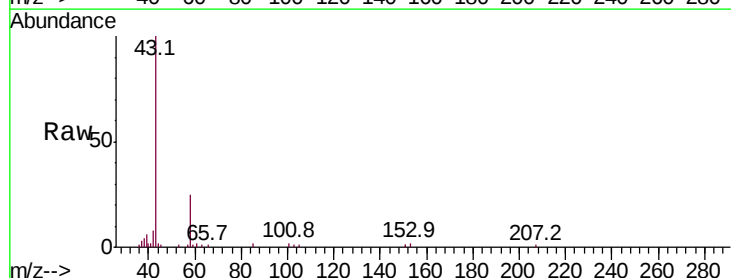
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

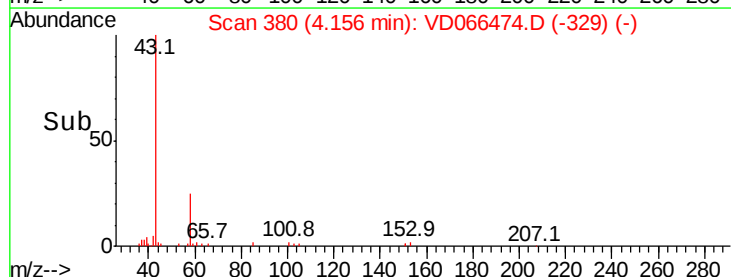
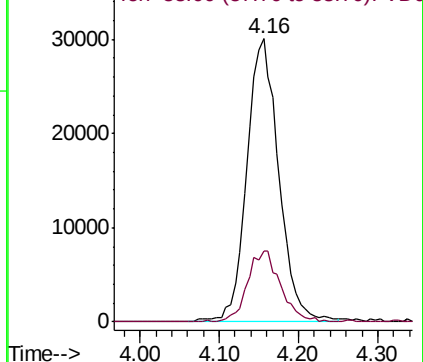
Tgt Ion: 43 Resp: 84727

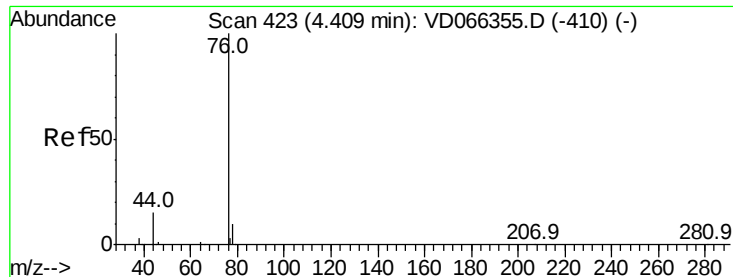
Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.7	34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 42.034 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066474.D

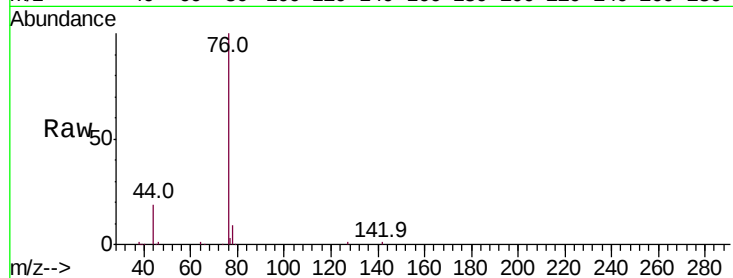
Acq: 31 Aug 2020 10:35

Tot Ion: 76 Resp: 166940

Ion Ratio Lower Upper

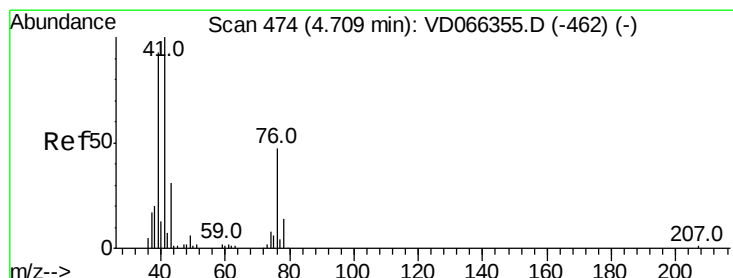
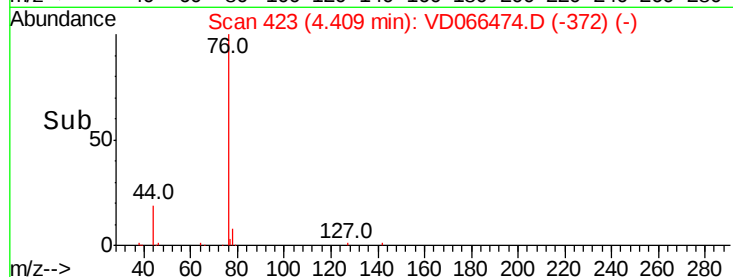
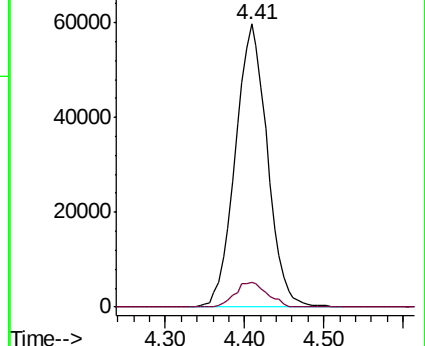
76 100

78 8.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 39.275 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066474.D

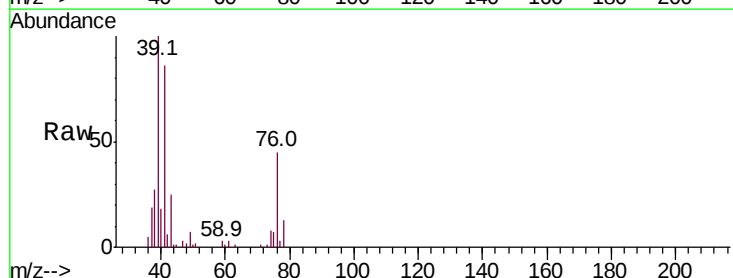
Acq: 31 Aug 2020 10:35

Tgt Ion: 43 Resp: 20949

Ion Ratio Lower Upper

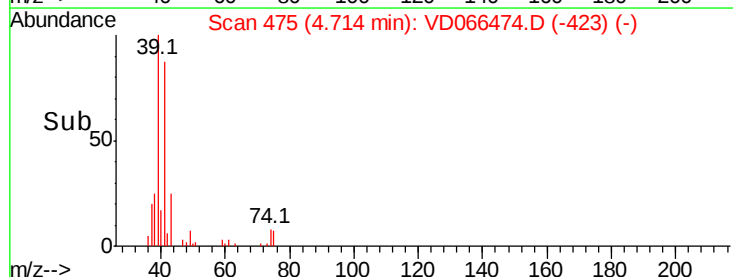
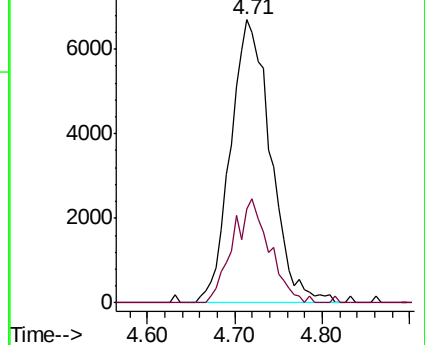
43 100

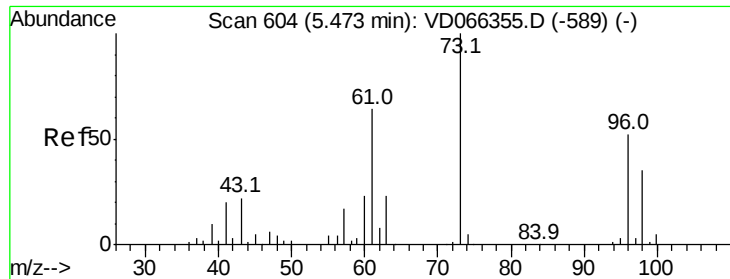
74 33.6 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

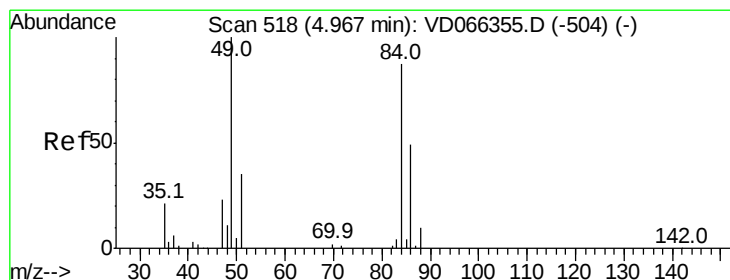
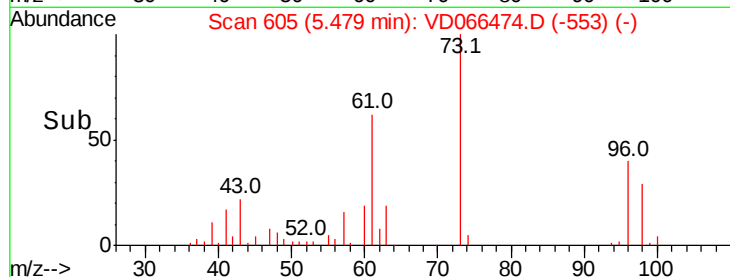
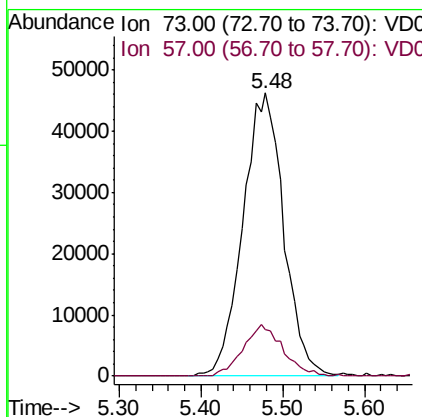
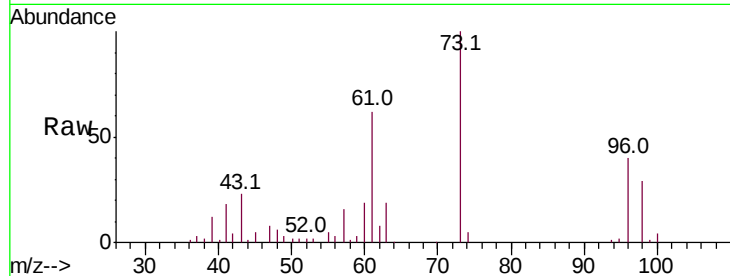




#19

Methyl tert-butyl Ether
 Concen: 50.706 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

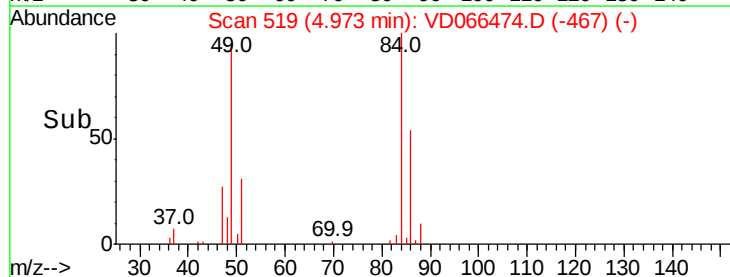
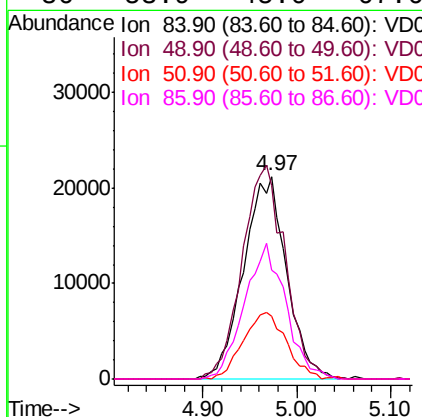
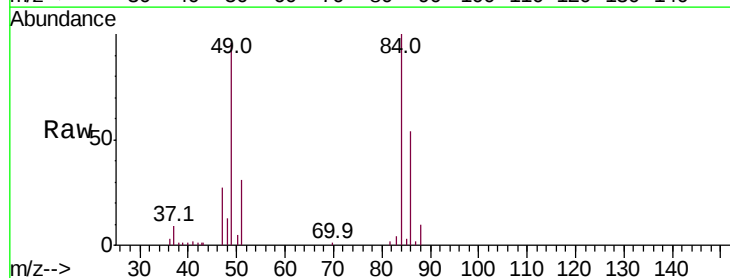
Tot Ion: 73 Resp: 160005
 Ion Ratio Lower Upper
 73 100
 57 16.4 13.8 20.6

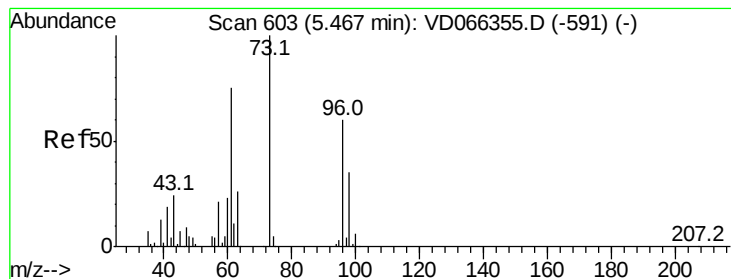


#20

Methylene Chloride
 Concen: 43.407 ug/l
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion: 84 Resp: 67189
 Ion Ratio Lower Upper
 84 100
 49 95.6 92.5 138.7
 51 30.8 32.5 48.7#
 86 53.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 46.165 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

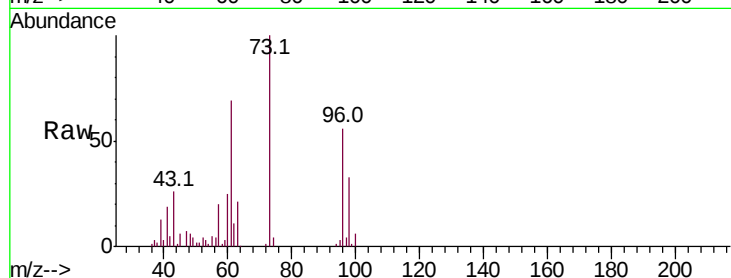
Tot Ion: 96 Resp: 70423

Ion Ratio Lower Upper

96 100

61 123.5 101.1 151.7

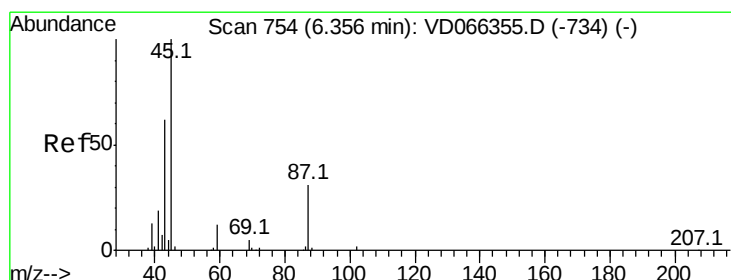
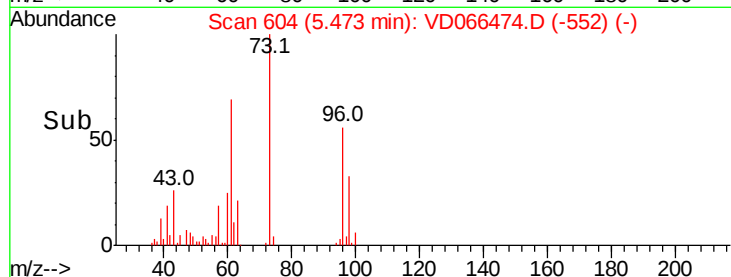
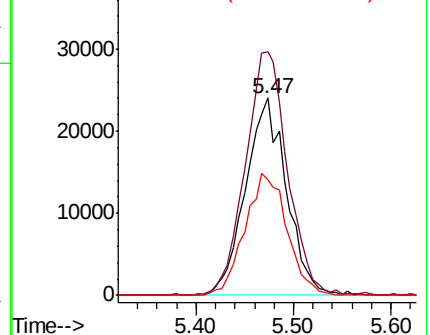
98 58.8 47.0 70.6



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: 42.902 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion: 45 Resp: 145293

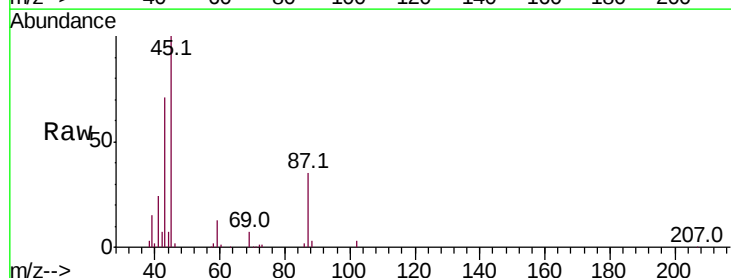
Ion Ratio Lower Upper

45 100

43 69.4 49.8 74.8

87 35.5 25.0 37.6

59 12.7 9.6 14.4

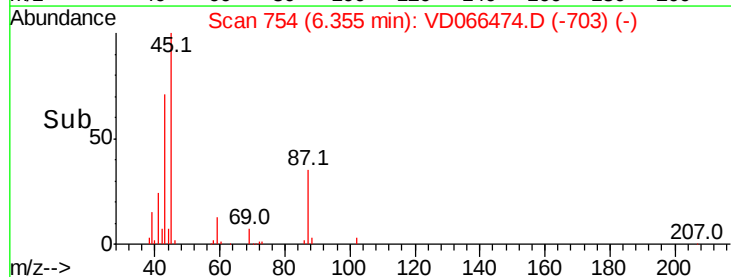
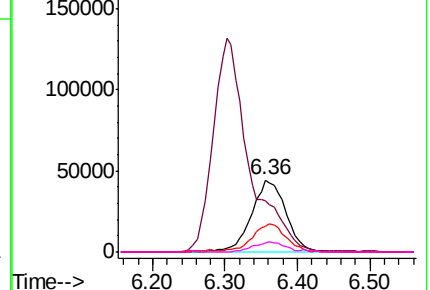


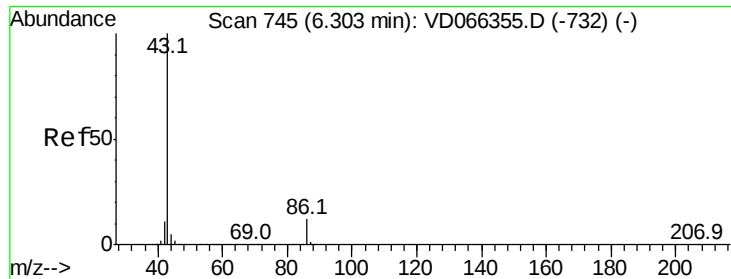
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 216.538 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066474.D

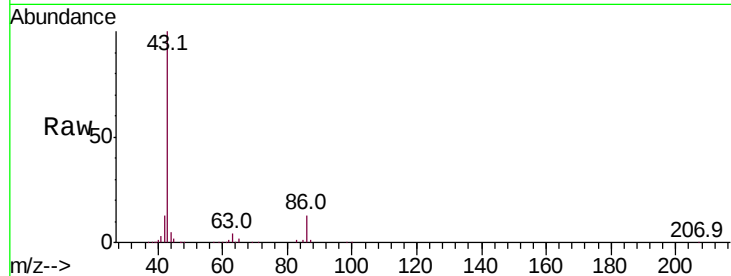
Acq: 31 Aug 2020 10:35

Tot Ion: 43 Resp: 453976

Ion Ratio Lower Upper

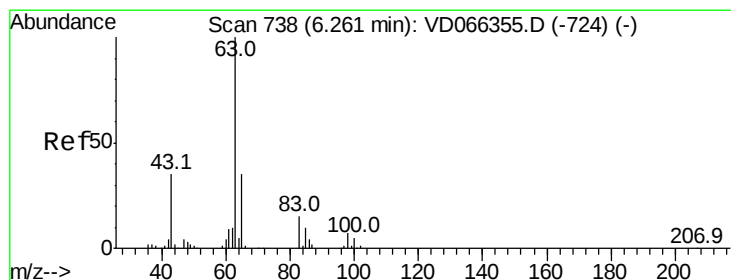
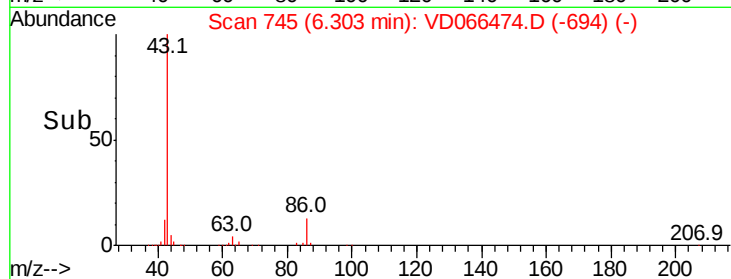
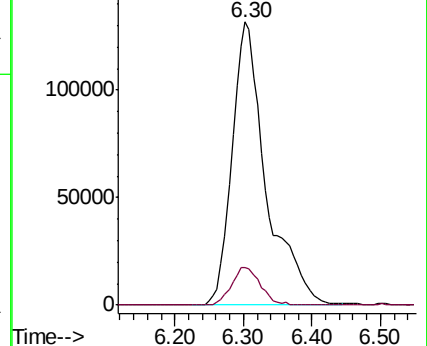
43 100

86 13.2 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: 45.651 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

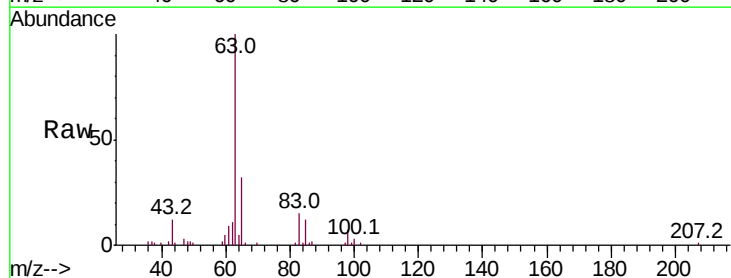
Tgt Ion: 63 Resp: 109255

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

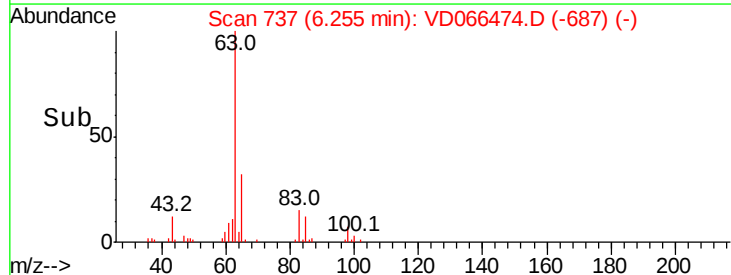
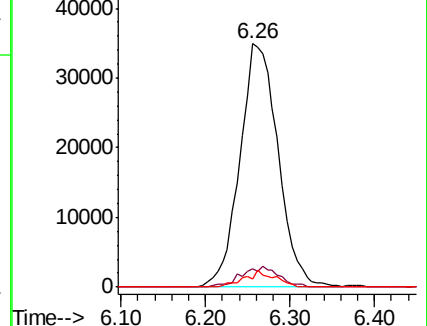
100 3.5 2.5 7.6

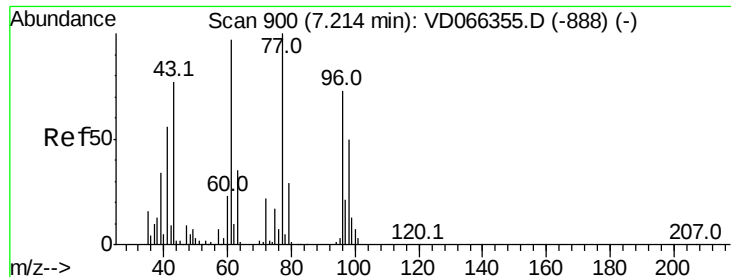


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 223.956 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066474.D

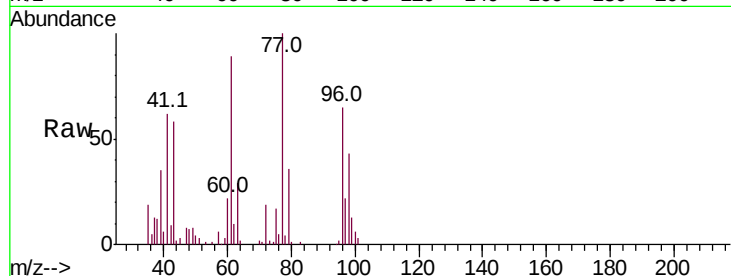
Acq: 31 Aug 2020 10:35

Tot Ion: 43 Resp: 72255

Ion Ratio Lower Upper

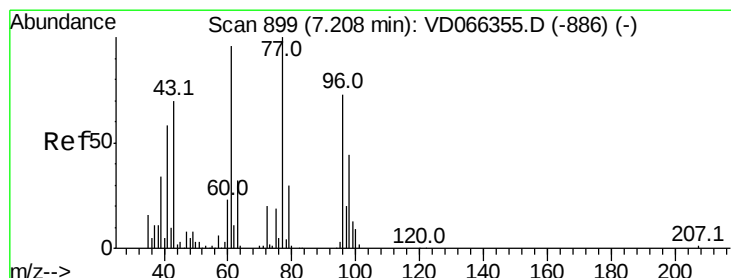
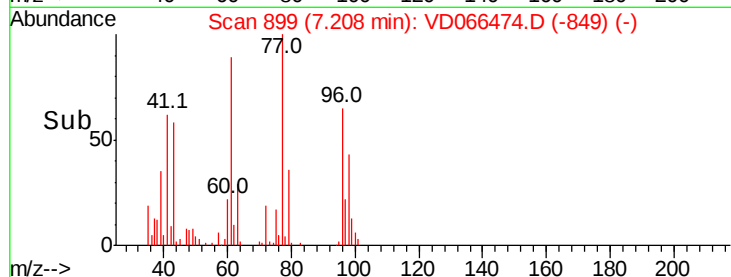
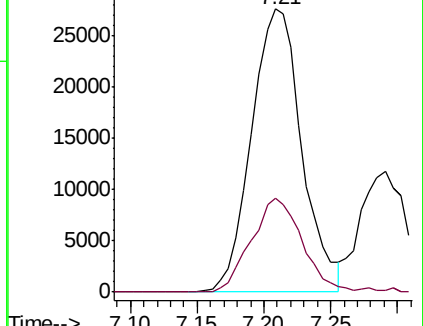
43 100

72 33.0 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: 53.983 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066474.D

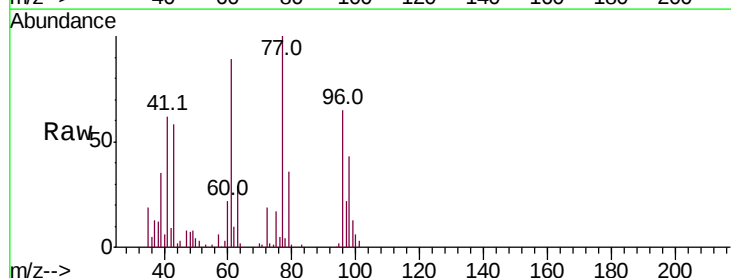
Acq: 31 Aug 2020 10:35

Tgt Ion: 77 Resp: 138468

Ion Ratio Lower Upper

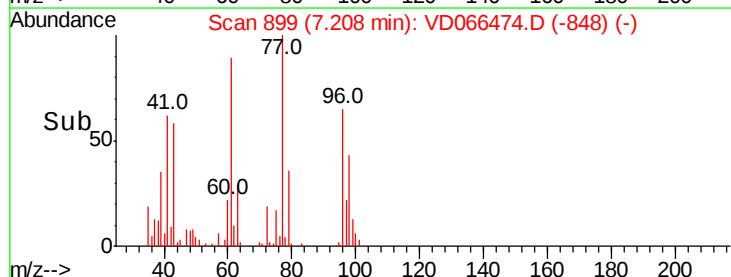
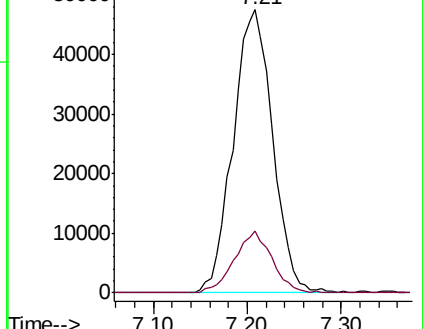
77 100

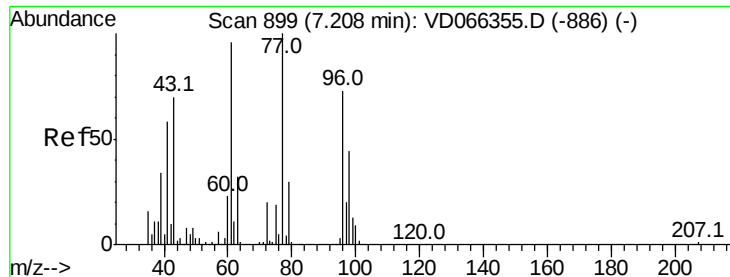
97 20.8 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

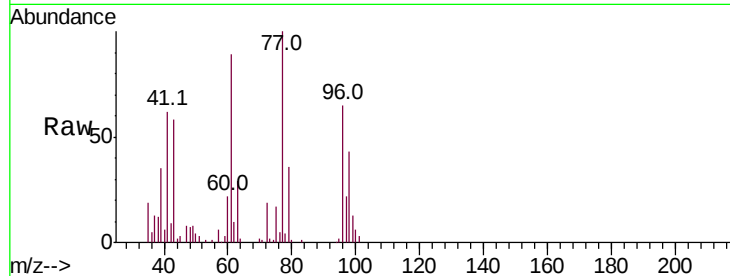




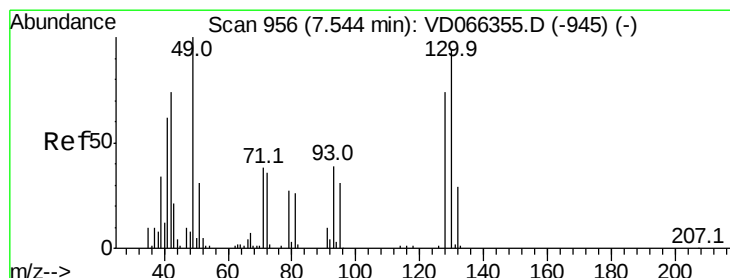
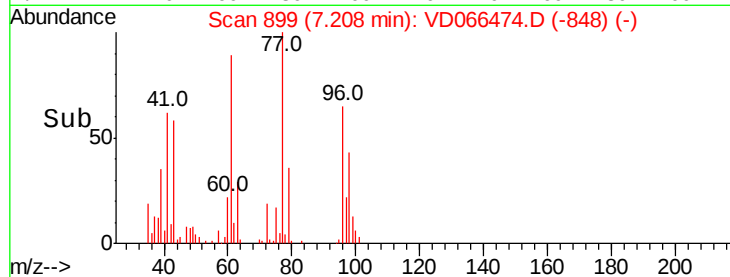
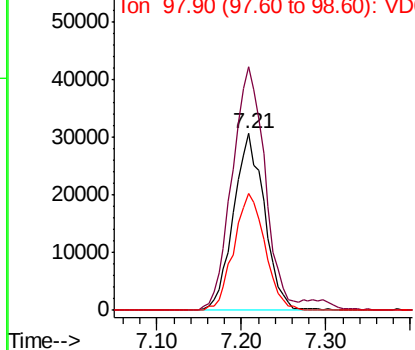
#27

cis-1,2-Dichloroethene
Concen: 47.644 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion: 96 Resp: 77877
Ion Ratio Lower Upper
96 100
61 145.6 0.0 281.4
98 66.3 0.0 132.2



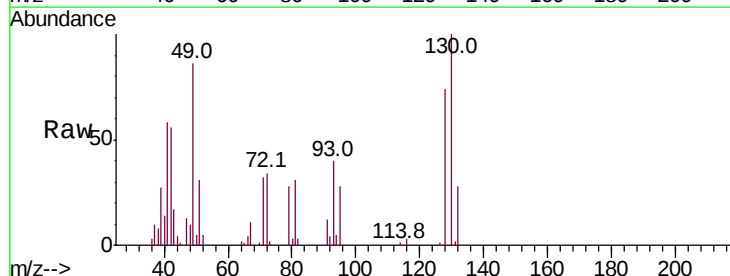
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



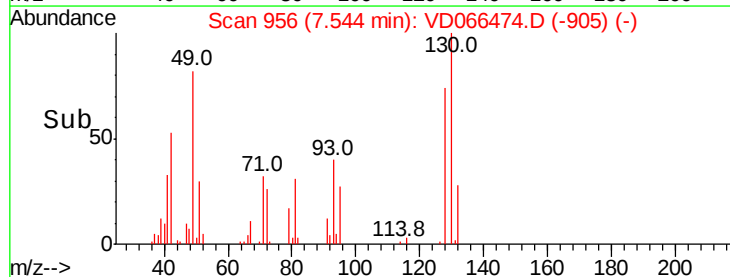
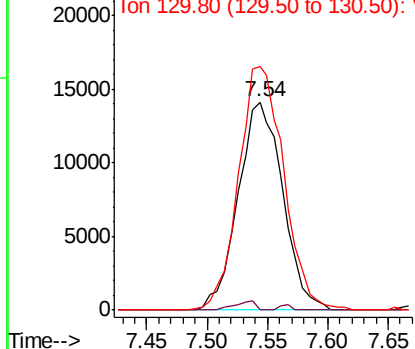
#28

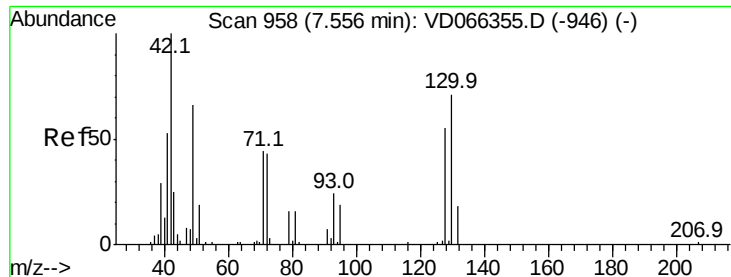
Bromochloromethane
Concen: 44.133 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 49 Resp: 36382
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.0
130 118.9 82.6 124.0



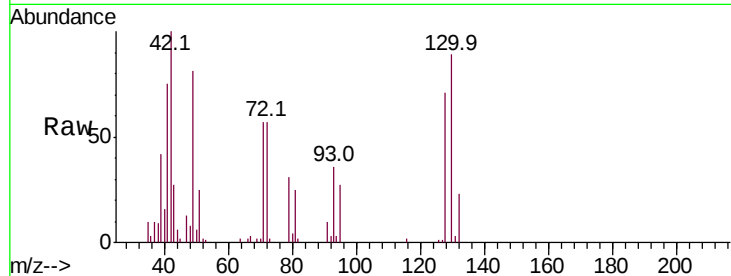
Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



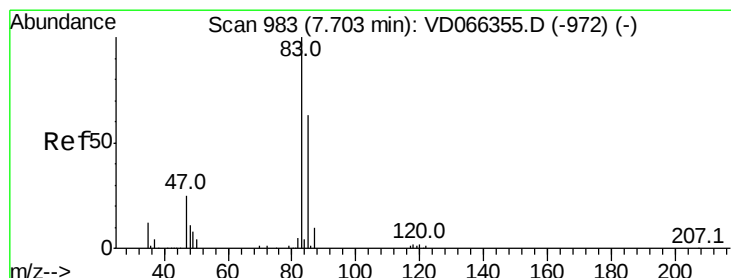
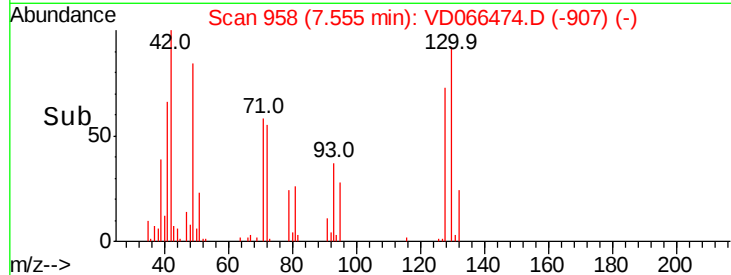
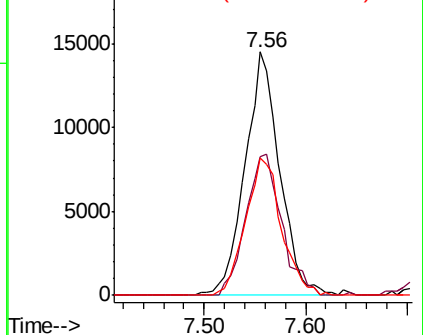


#29
Tetrahydrofuran
Concen: 188.344 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion: 42 Resp: 34514
Ion Ratio Lower Upper
42 100
72 60.0 41.0 61.4
71 58.6 37.2 55.8#

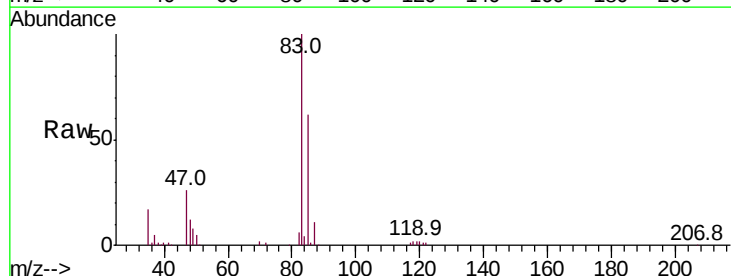


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

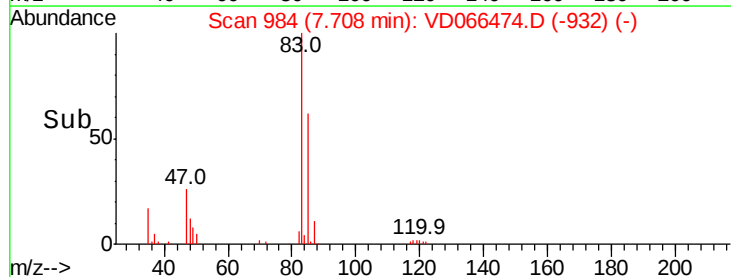
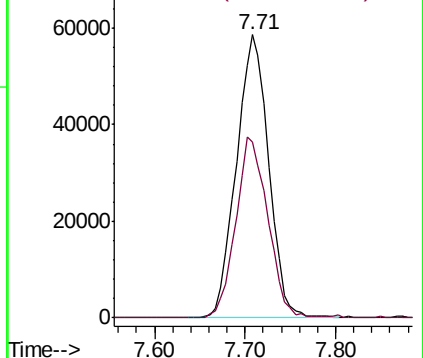


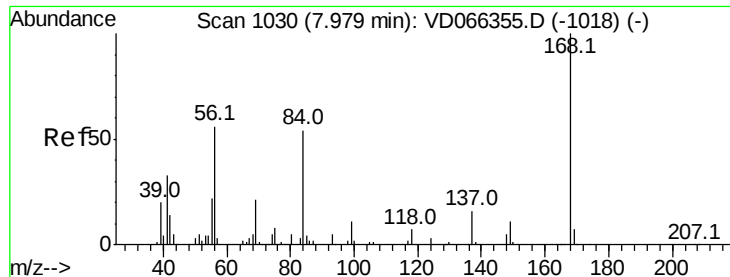
#30
Chloroform
Concen: 52.183 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 83 Resp: 144493
Ion Ratio Lower Upper
83 100
85 62.2 50.3 75.5



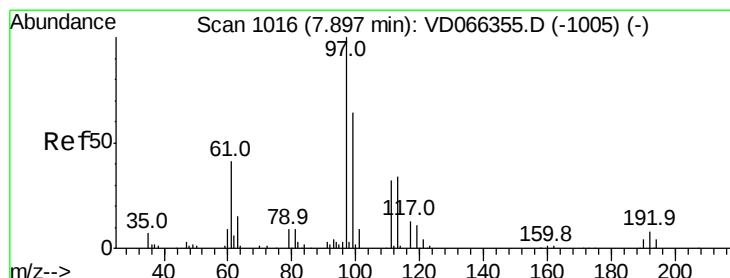
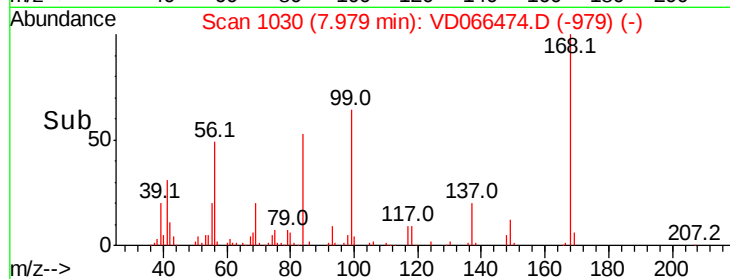
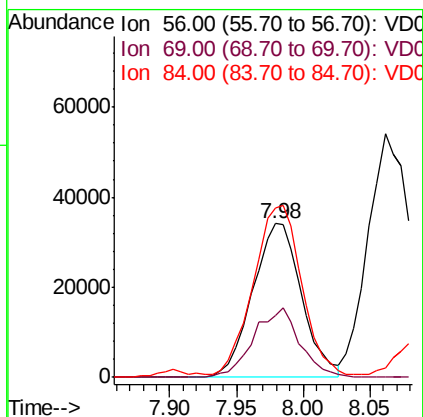
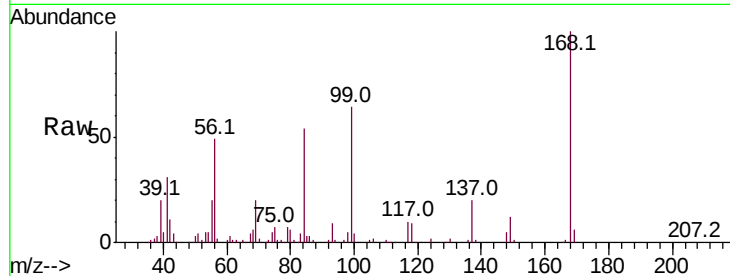
Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





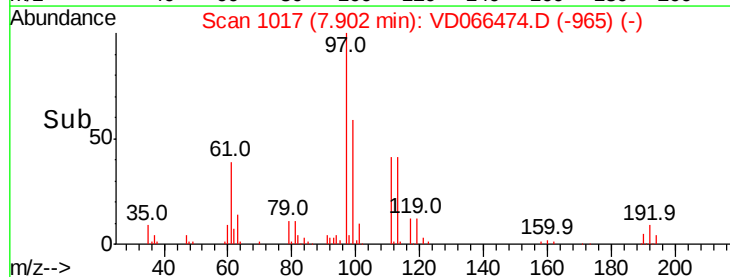
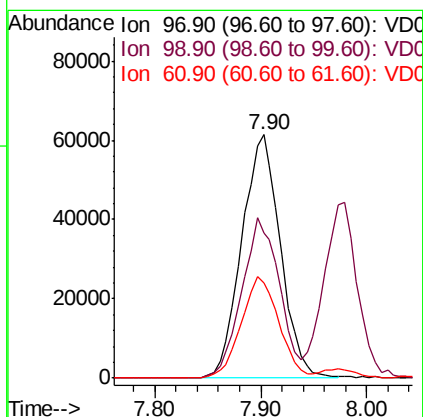
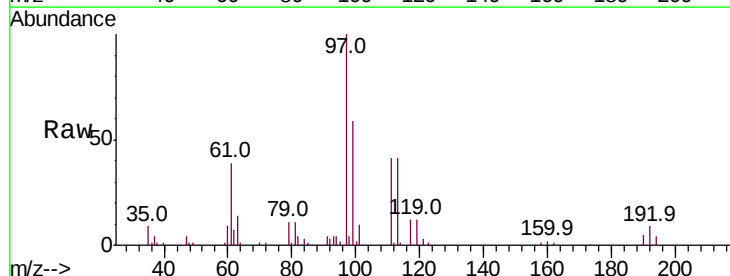
#31
Cyclohexane
Concen: 39.646 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

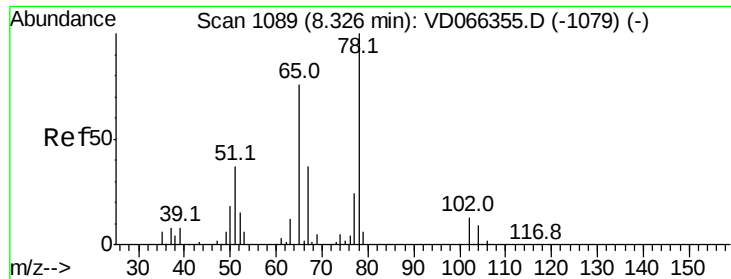
Tot Ion: 56 Resp: 86778
Ion Ratio Lower Upper
56 100
69 40.3 29.6 44.4
84 107.7 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 55.179 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

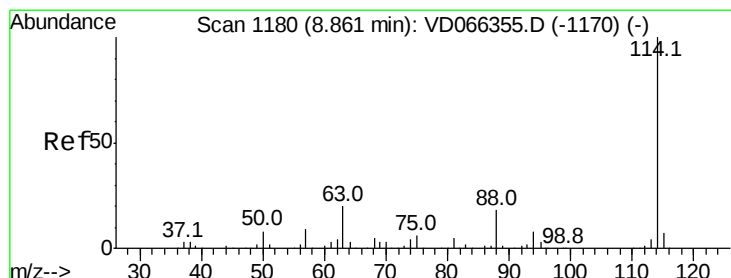
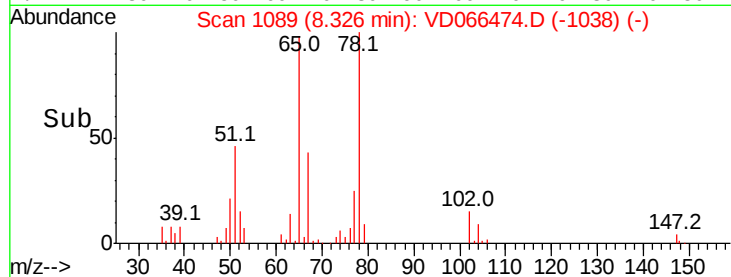
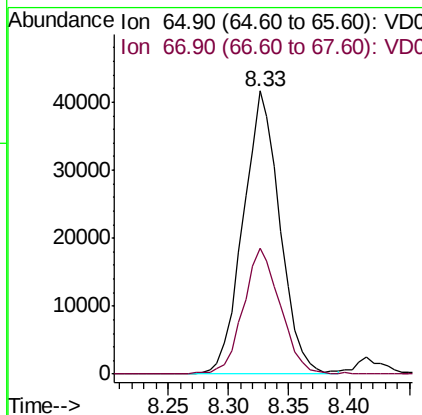
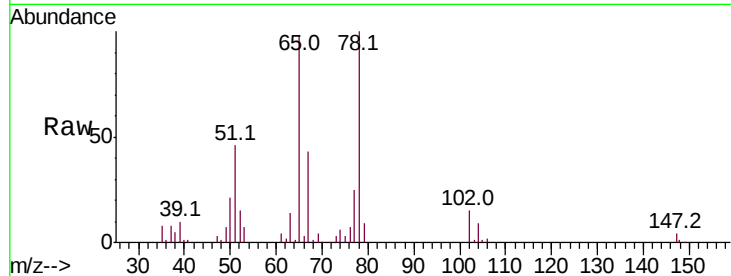
Tgt Ion: 97 Resp: 156372
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 40.7 33.3 49.9





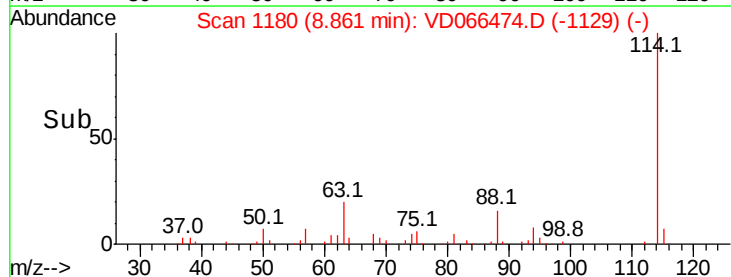
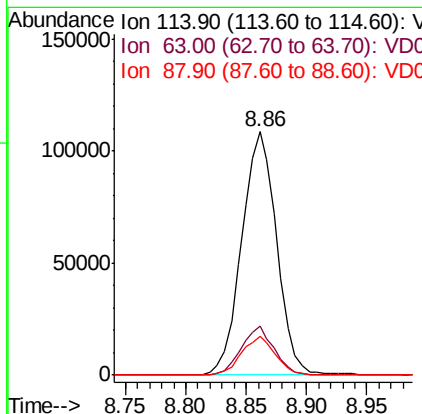
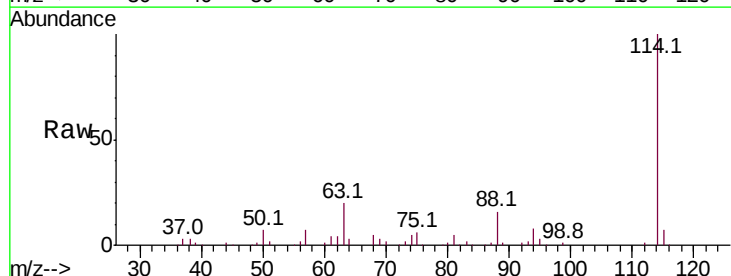
#33
 1,2-Dichloroethane-d4
 Concen: 56.031 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

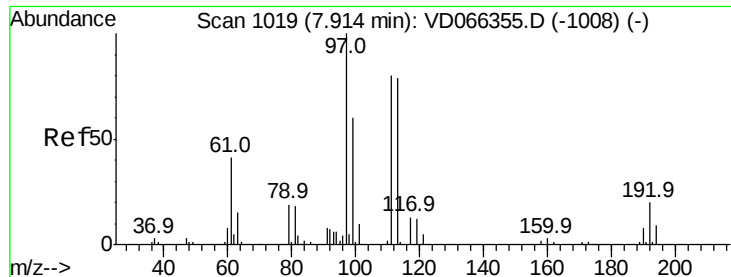
Tot Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

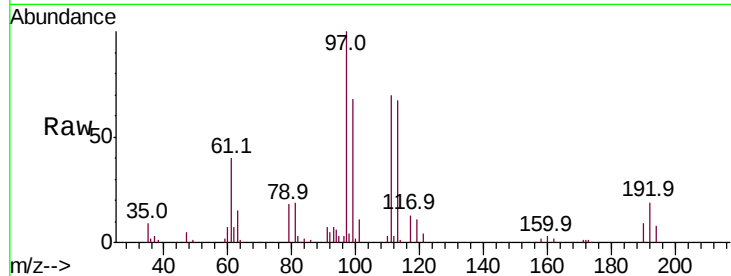
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	16.1	0.0	35.4





#35
 Dibromofluoromethane
 Concen: 51.080 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.3	120.5
192	25.1	19.0	28.6

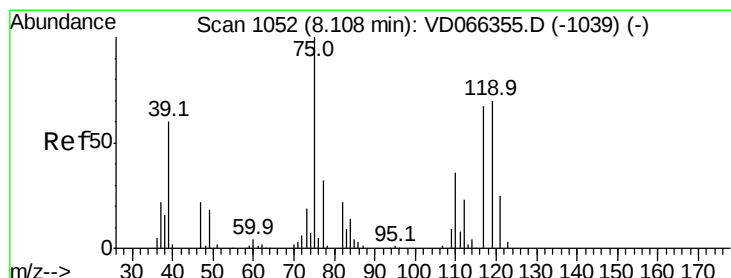
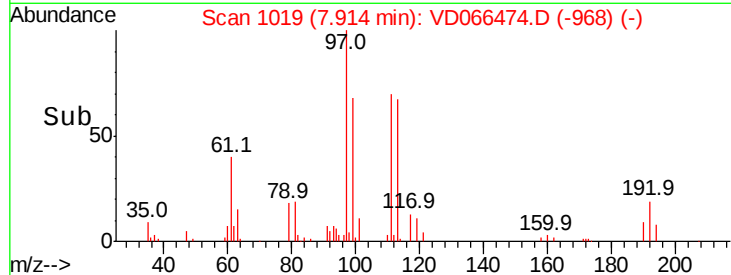
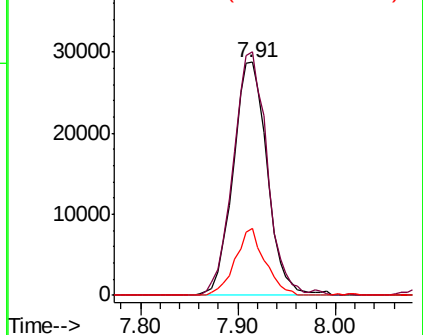


Abundance

Ion 112.80 (112.50 to 113.50): V

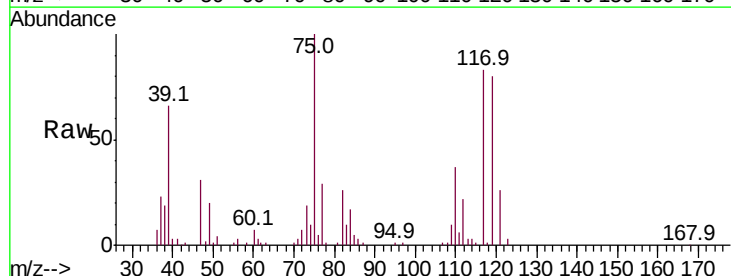
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 50.699 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.7	56.1
77	31.0	25.2	37.8

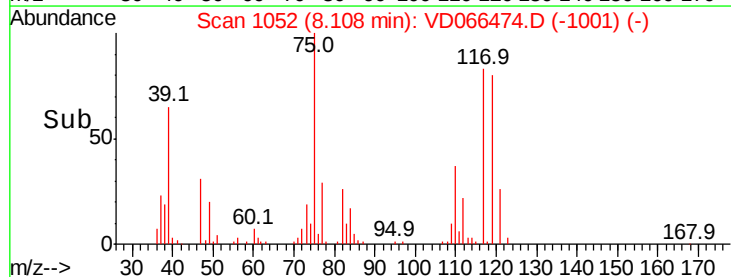
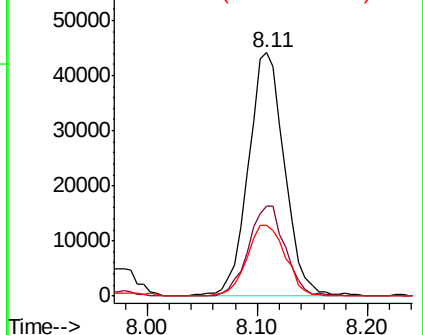


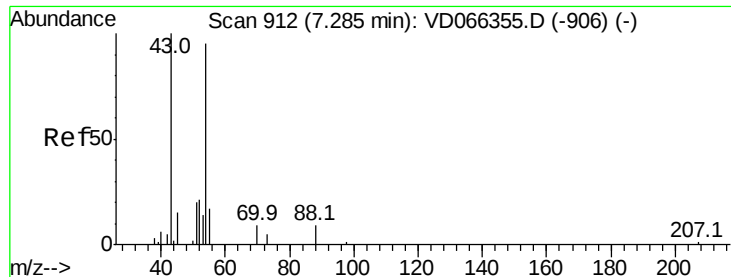
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

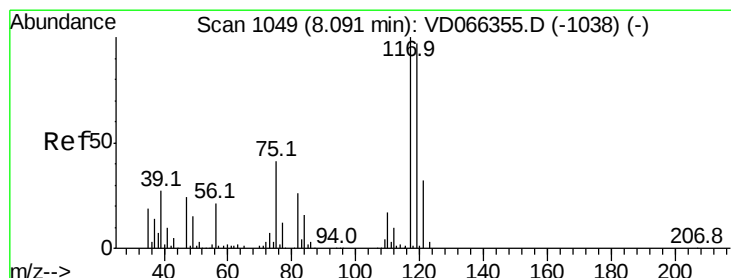
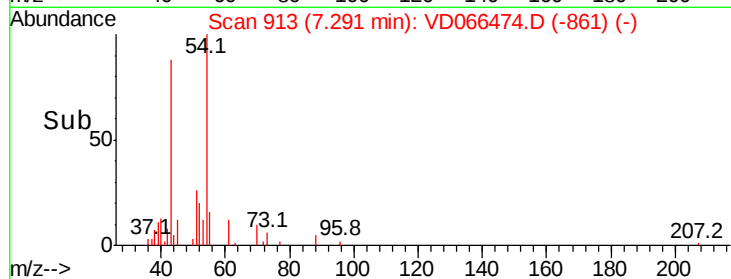
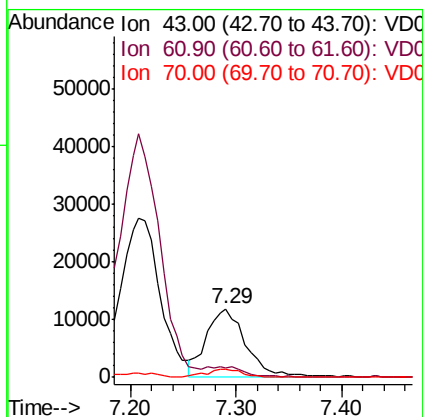
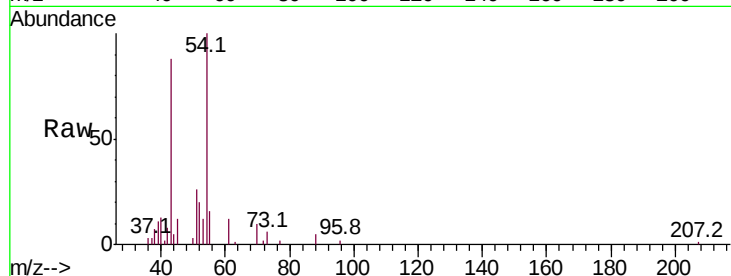
Ion 76.90 (76.60 to 77.60): V





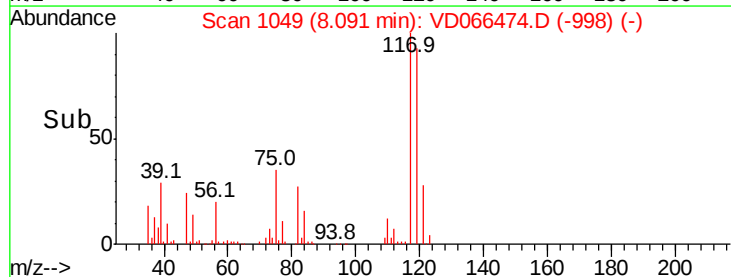
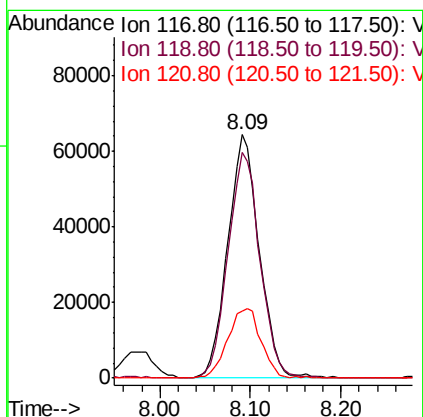
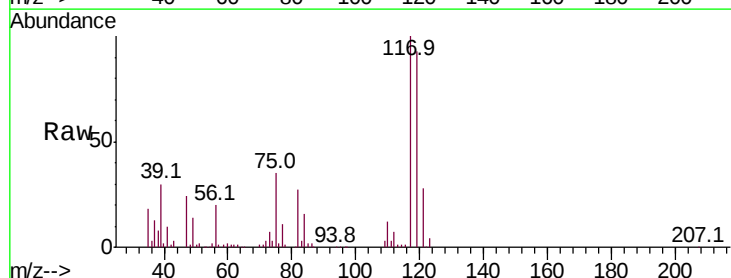
#37
Ethyl Acetate
Concen: 45.653 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

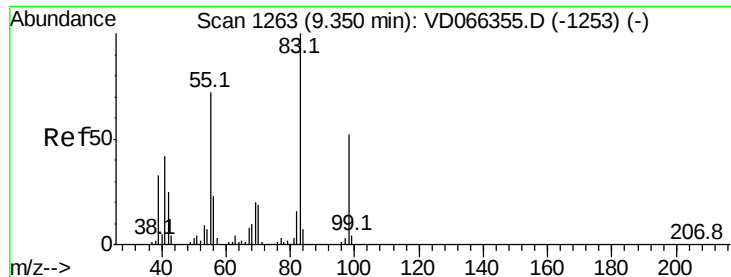
Tot Ion: 43 Resp: 31105
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 11.2 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 59.804 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

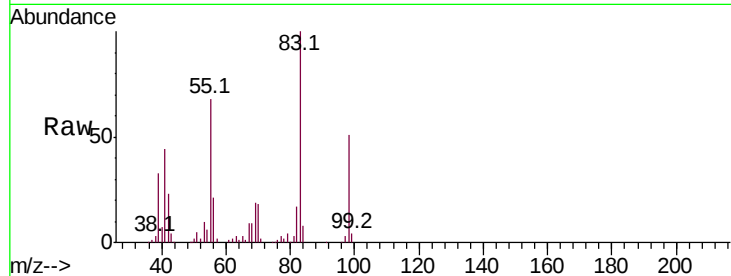
Tgt Ion: 117 Resp: 156084
Ion Ratio Lower Upper
117 100
119 92.7 77.2 115.8
121 27.7 25.8 38.8



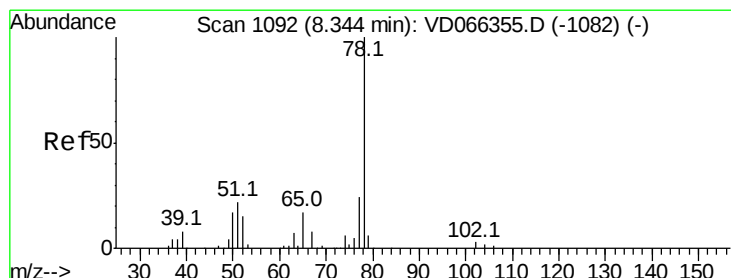
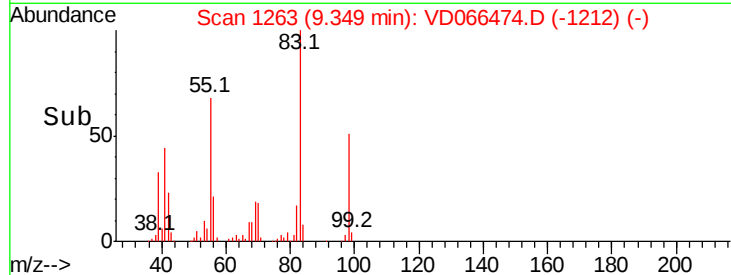
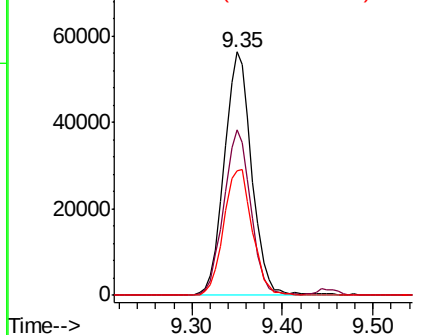


#39
Methvlcvclohexane
Concen: 50.213 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion	83	Resp	118493
Ion Ratio	100		
Lower	58.0		
Upper	87.0		
83	68.1	51.2	62.9

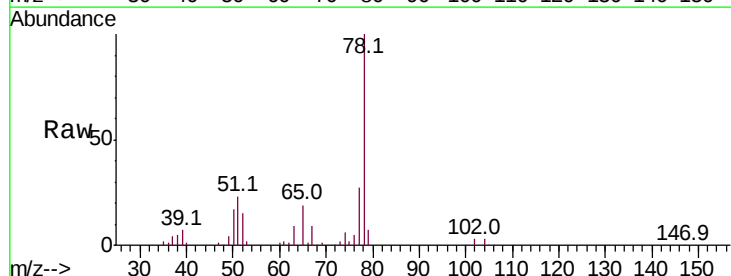


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

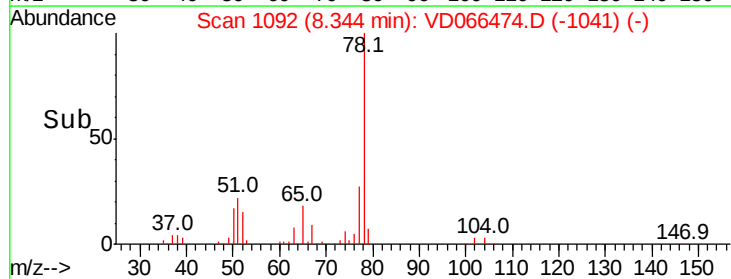
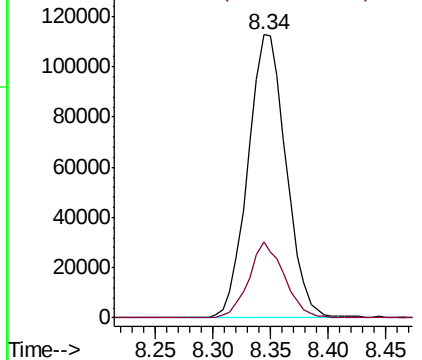


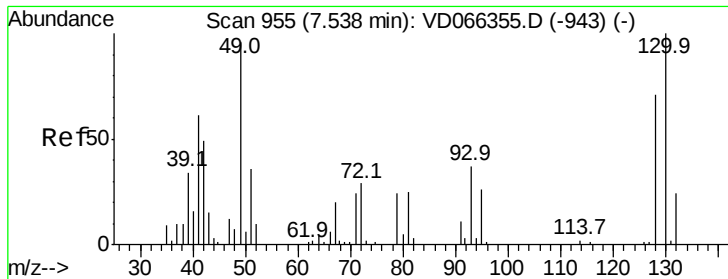
#40
Benzene
Concen: 49.267 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	78	Resp	259636
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
78	26.8	51.1	62.9



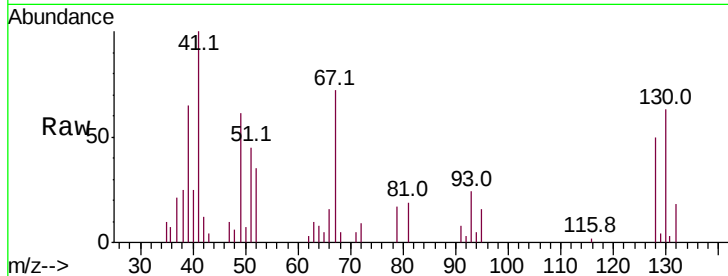
Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC



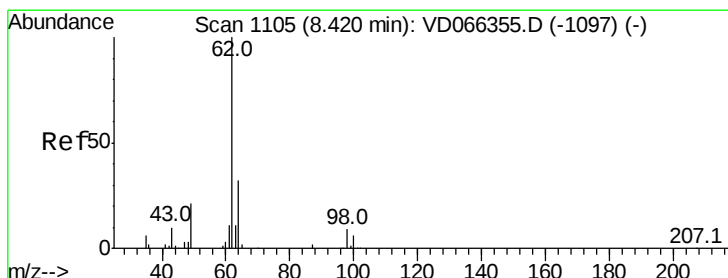
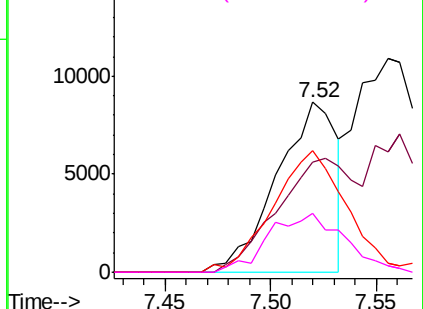
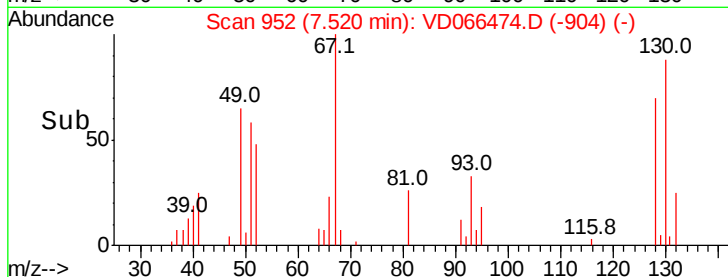


#41
Methacrylonitrile
Concen: 40.708 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion: 41 Resp: 17104
Ion Ratio Lower Upper
41 100
39 88.6 51.8 77.8#
67 88.4 0.0 0.0#
52 43.5 0.0 0.0#

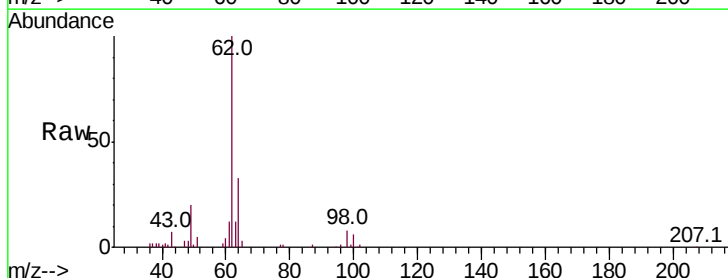


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

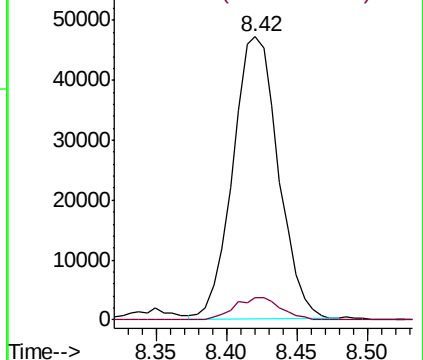
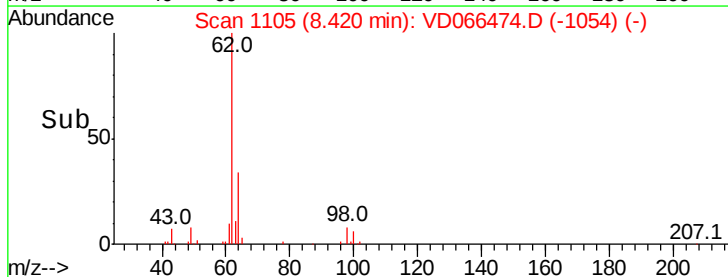


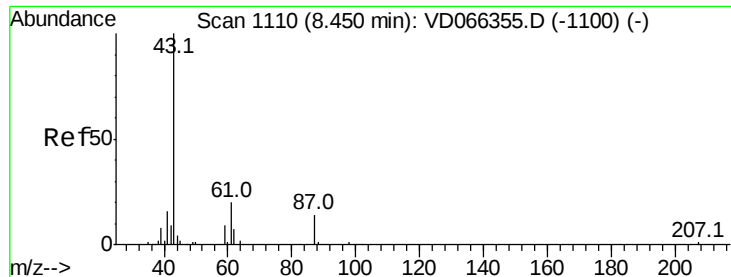
#42
1,2-Dichloroethane
Concen: 57.302 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 62 Resp: 106358
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 45.794 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

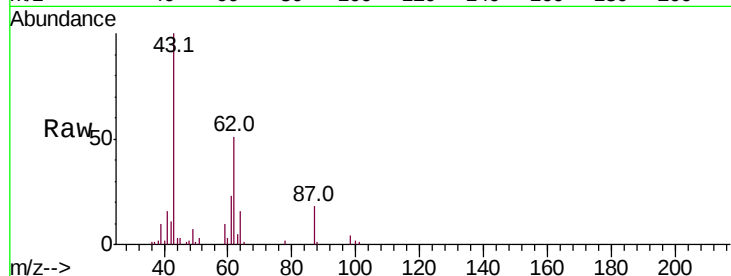
Tot Ion: 43 Resp: 62625

Ion Ratio Lower Upper

43 100

61 33.8 26.5 39.7

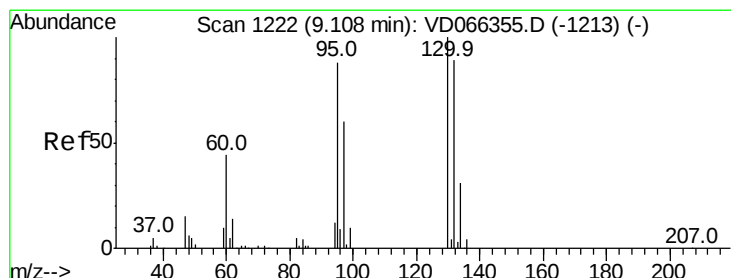
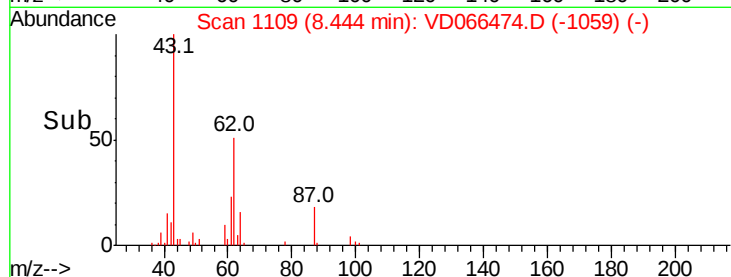
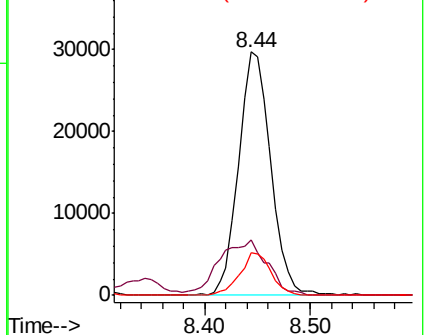
87 17.0 11.9 17.9



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: 51.455 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066474.D

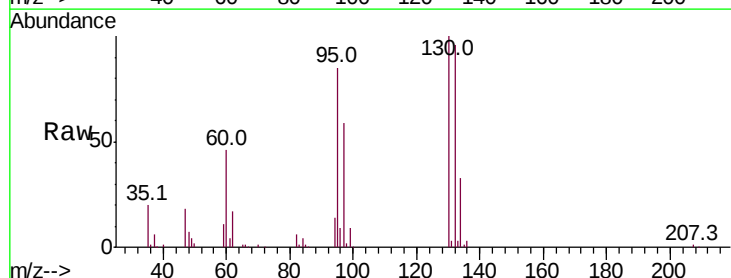
Acq: 31 Aug 2020 10:35

Tgt Ion: 130 Resp: 88112

Ion Ratio Lower Upper

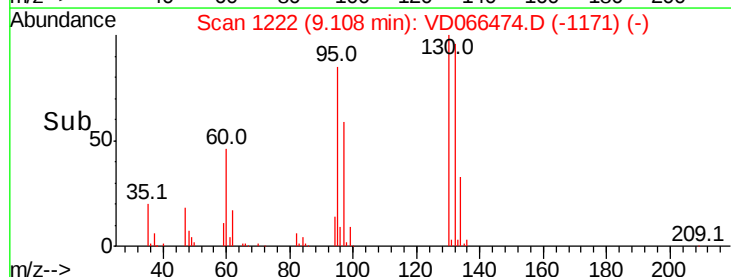
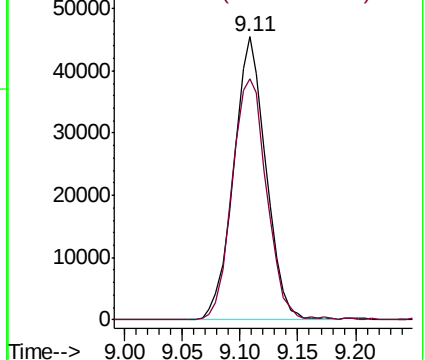
130 100

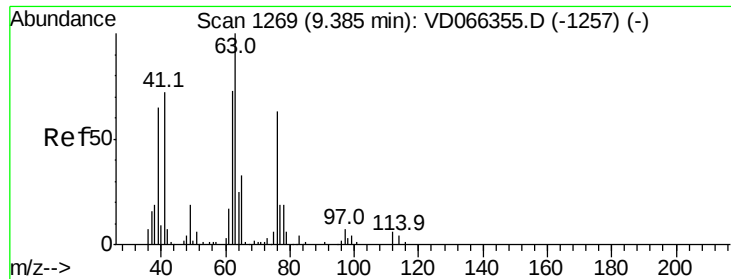
95 85.3 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 46.426 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066474.D

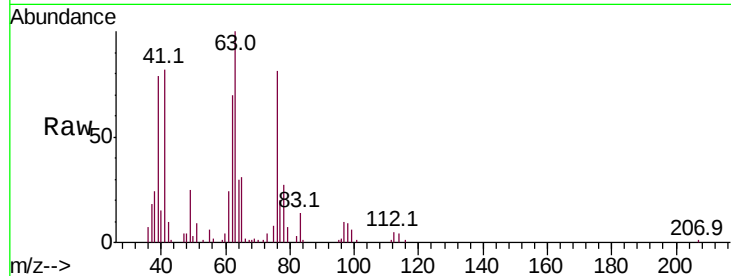
Acq: 31 Aug 2020 10:35

Tot Ion: 63 Resp: 55466

Ion Ratio Lower Upper

63 100

65 31.5 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

25000

20000

15000

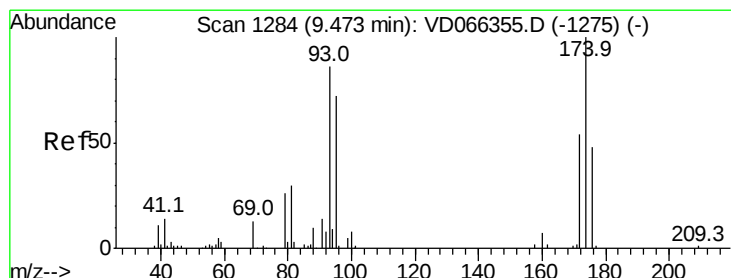
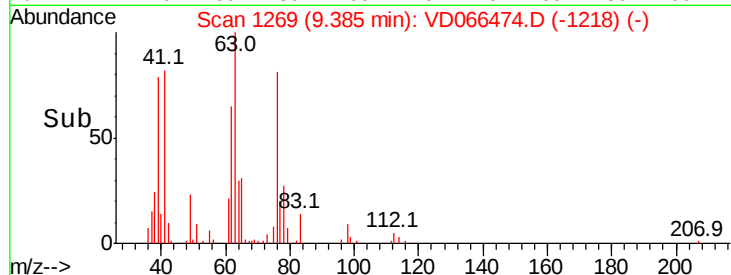
10000

5000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 51.316 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

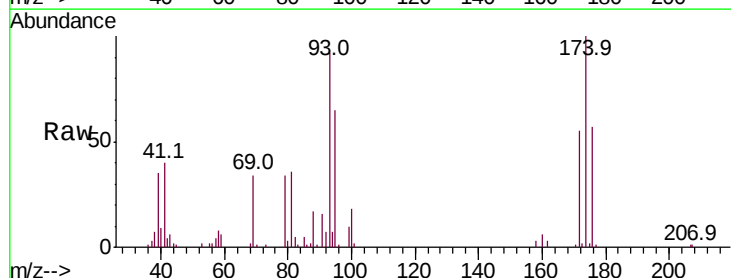
Tgt Ion: 93 Resp: 38172

Ion Ratio Lower Upper

93 100

95 78.0 66.0 99.0

174 121.4 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

30000

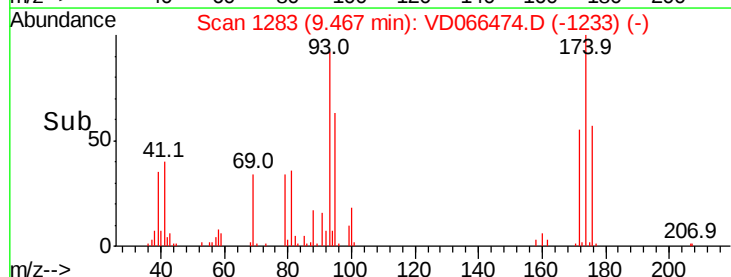
20000

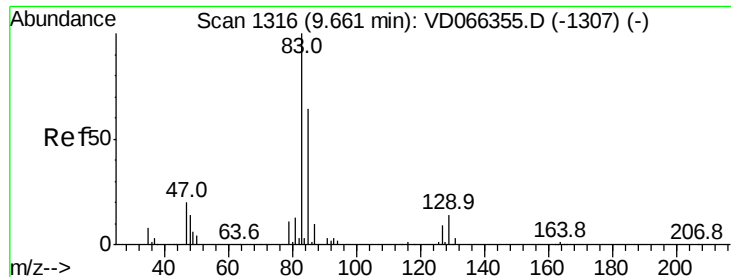
10000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 53.338 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

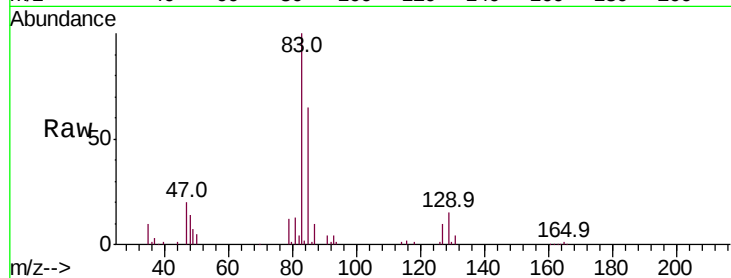
Tot Ion: 83 Resp: 109112

Ion Ratio Lower Upper

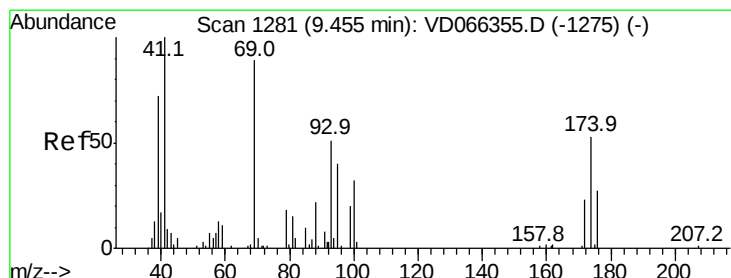
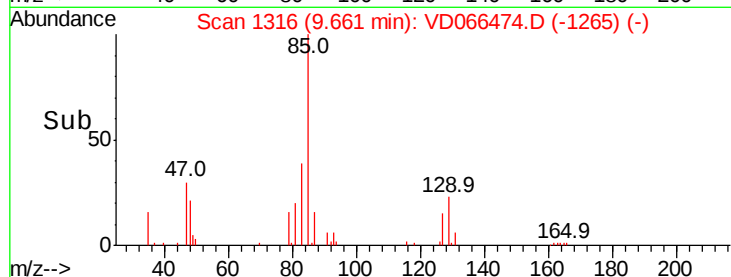
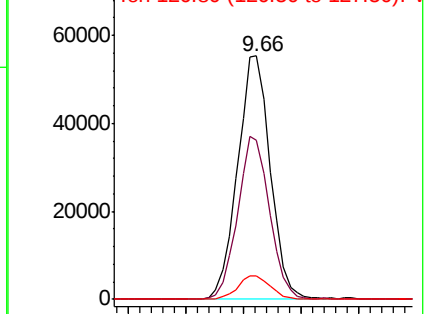
83 100

85 65.4 51.4 77.0

127 9.6 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: 43.510 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

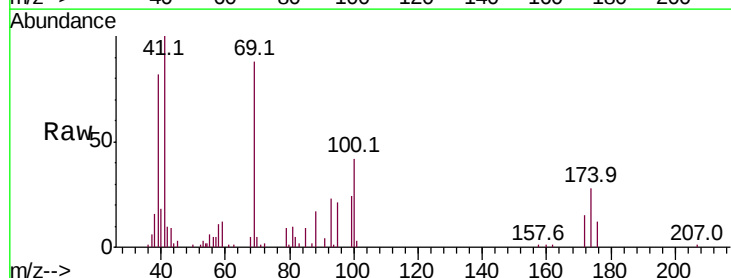
Tgt Ion: 41 Resp: 30683

Ion Ratio Lower Upper

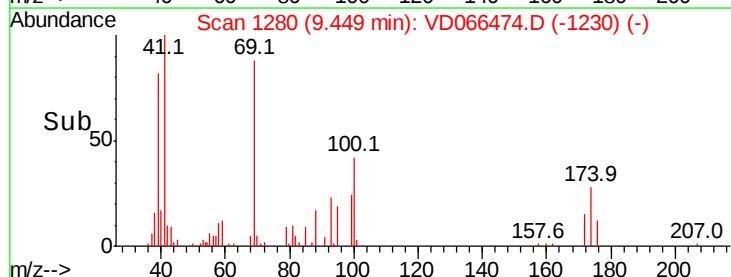
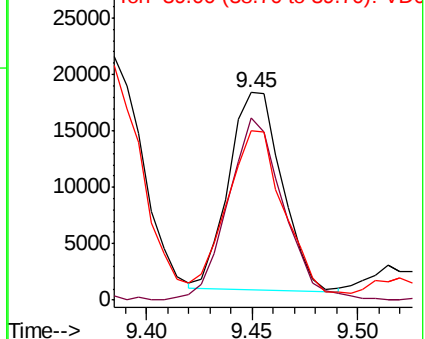
41 100

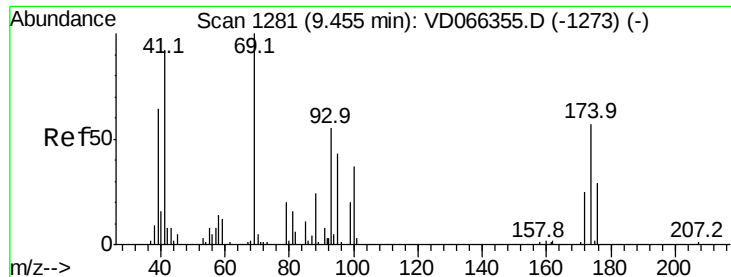
69 95.9 75.5 113.3

39 86.3 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: 968.118 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

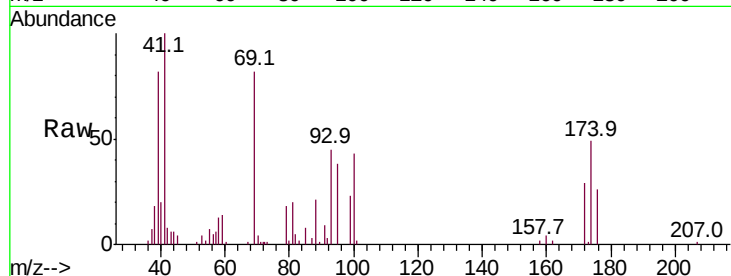
Tot Ion: 88 Resp: 8362

Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.4	44.0
58	56.9	45.4	68.2

88 100

43 37.3 29.4 44.0

58 56.9 45.4 68.2

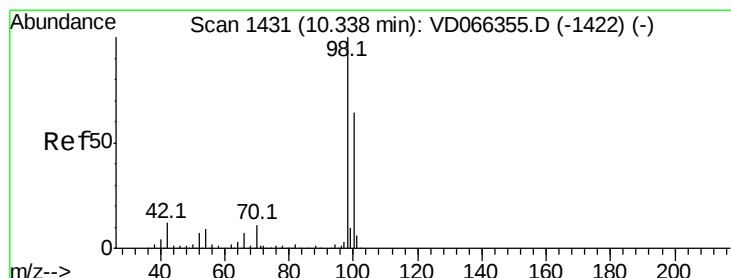
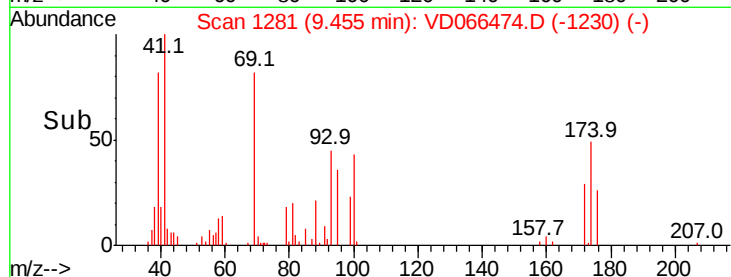
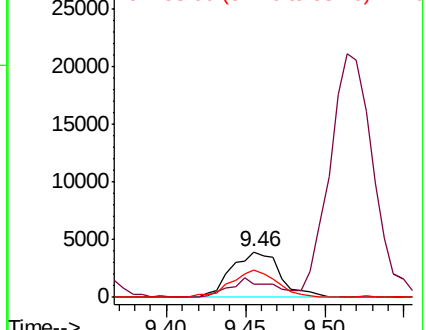


Abundance

Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.575 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066474.D

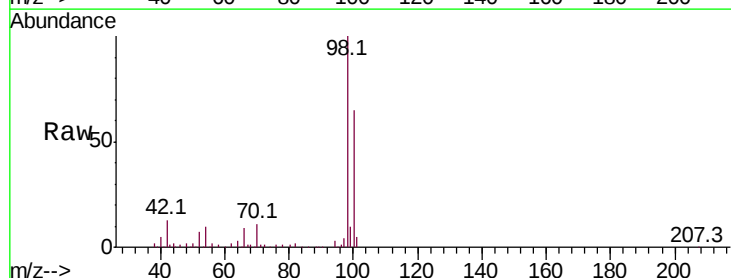
Acq: 31 Aug 2020 10:35

Tgt Ion: 98 Resp: 264089

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.0	79.4

98 100

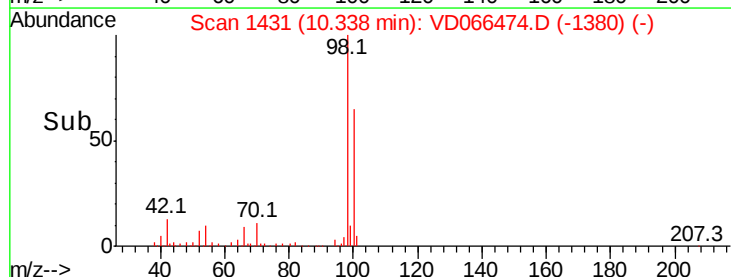
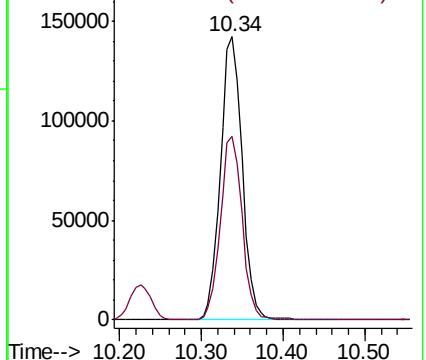
100 64.6 53.0 79.4

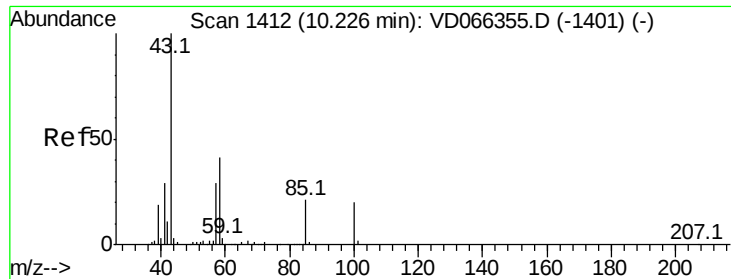


Abundance

Ion 98.00 (97.70 to 98.70): VDC

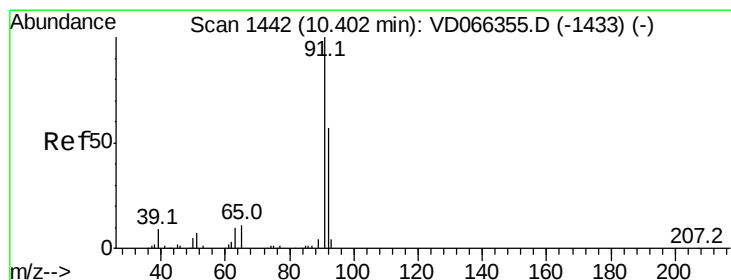
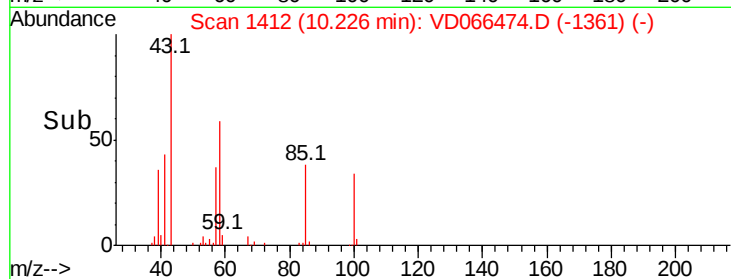
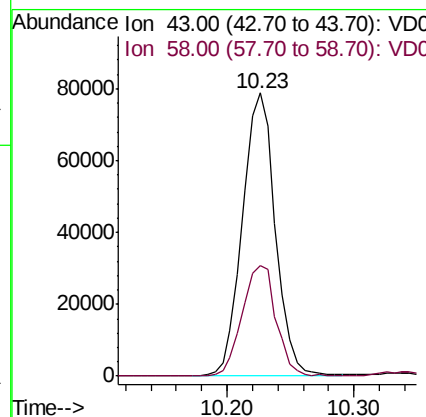
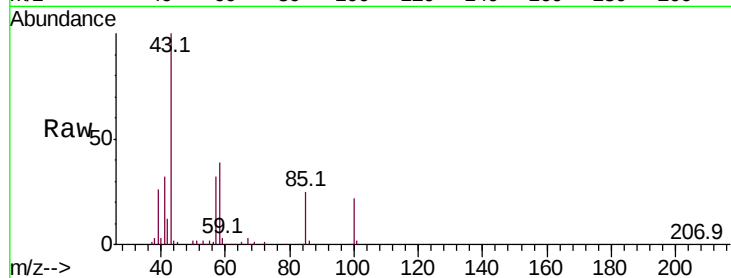
Ion 100.00 (99.70 to 100.70): VDC





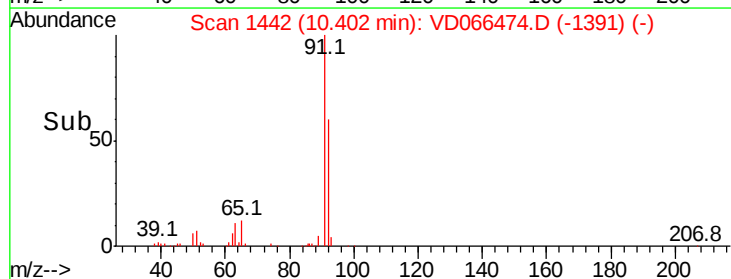
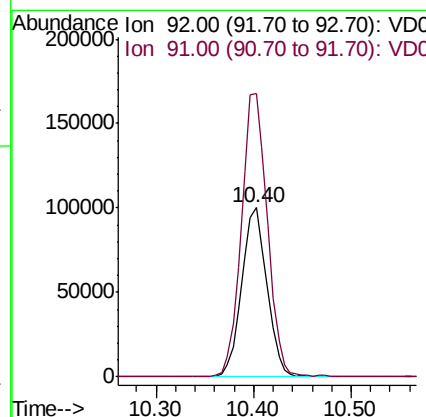
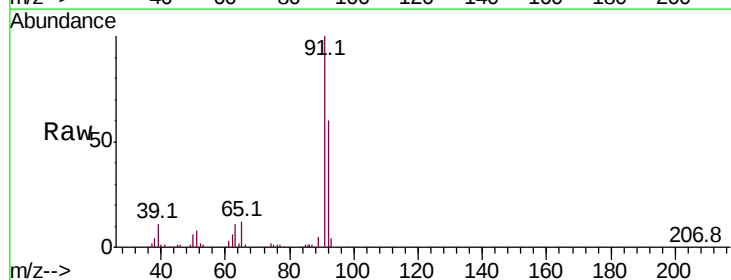
#51
4-Methyl-2-Pentanone
Concen: 214.863 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

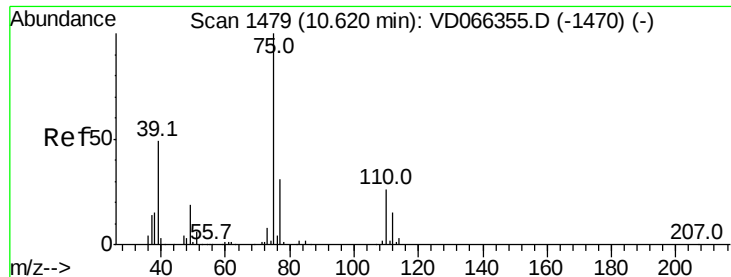
Tot Ion: 43 Resp: 142145
Ion Ratio Lower Upper
43 100
58 40.2 31.4 47.2



#52
Toluene
Concen: 50.378 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 92 Resp: 179867
Ion Ratio Lower Upper
92 100
91 171.7 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 52.200 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066474.D

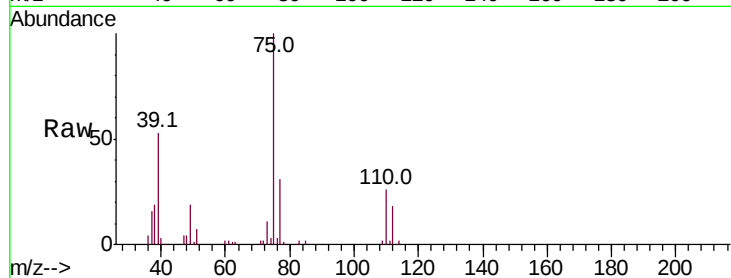
Acq: 31 Aug 2020 10:35

Tot Ion: 75 Resp: 101324

Ion Ratio Lower Upper

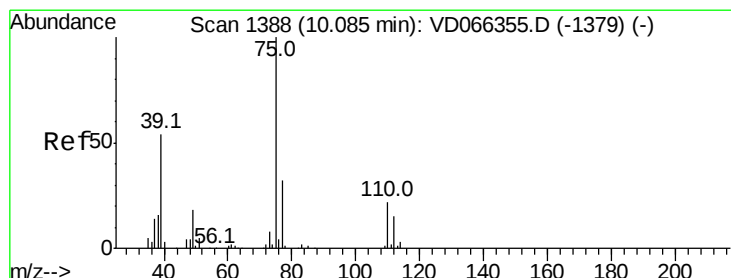
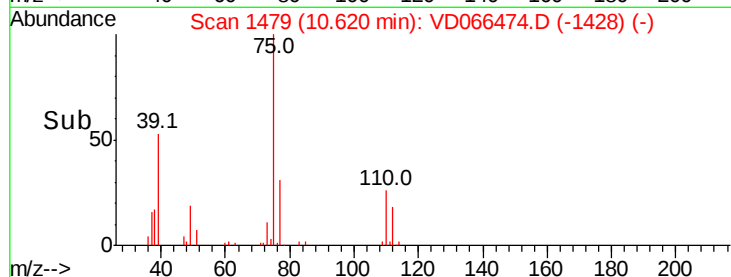
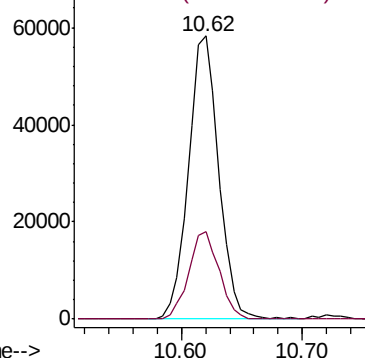
75 100

77 30.8 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 48.056 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

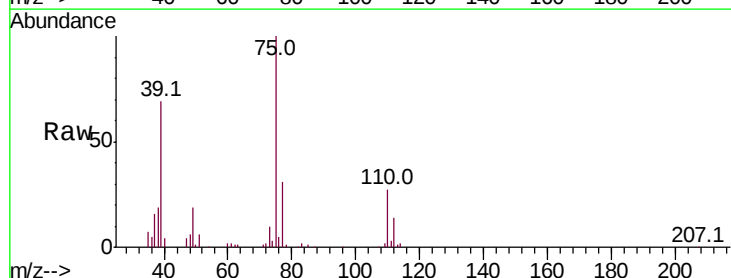
Tgt Ion: 75 Resp: 104704

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

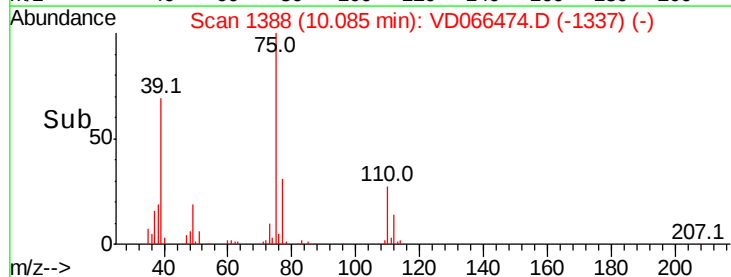
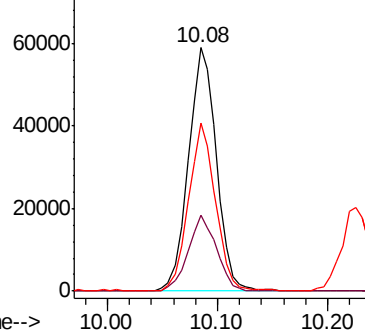
39 69.1 43.4 65.0#

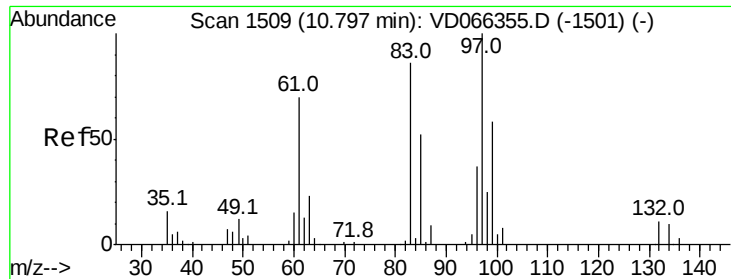


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

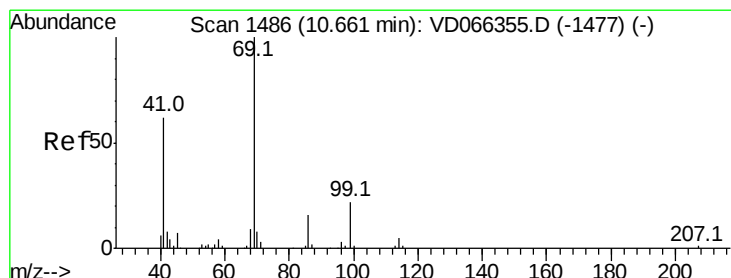
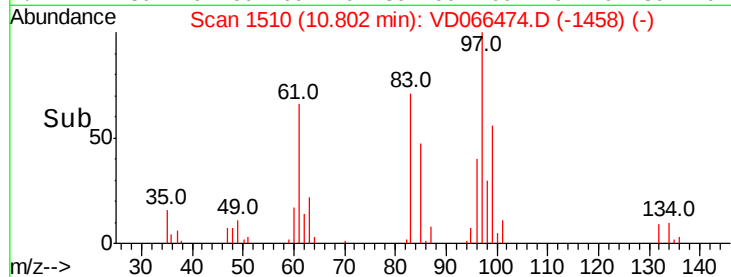
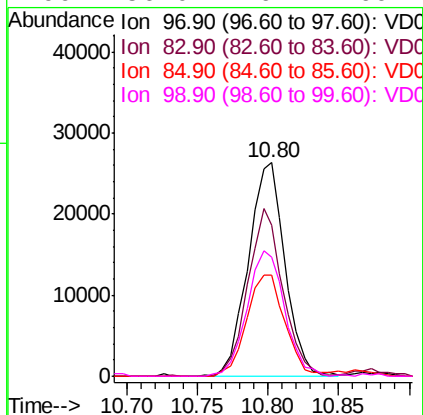
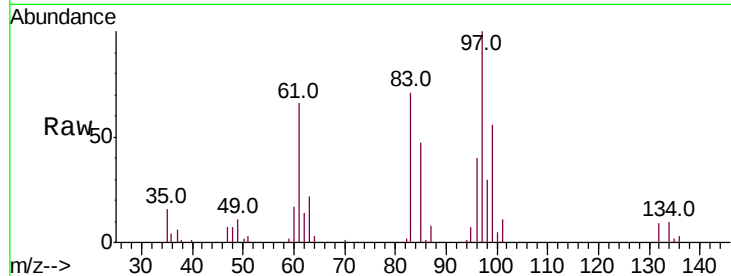
Ion 39.00 (38.70 to 39.70): VDC





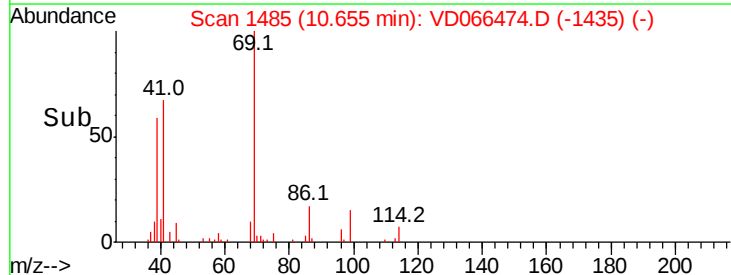
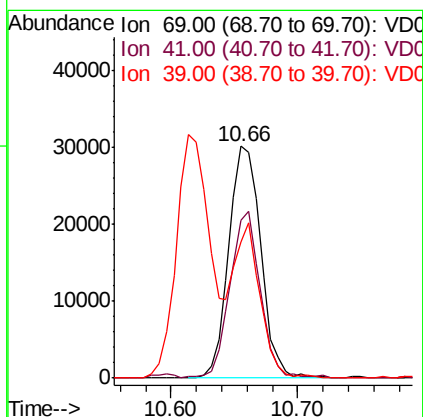
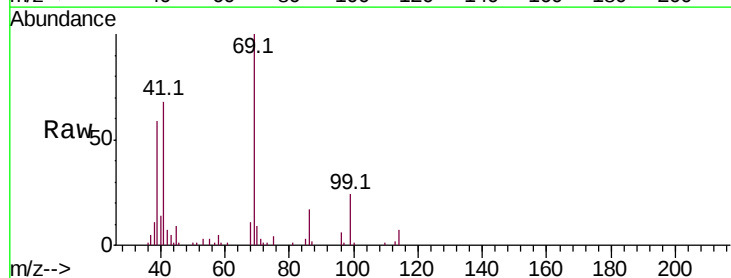
#55
 1,1,2-Trichloroethane
 Concen: 47.659 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

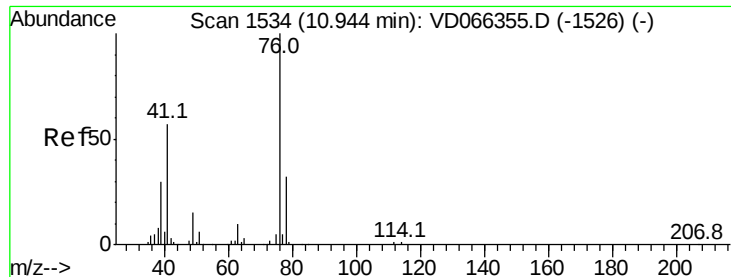
Tot Ion:	97	Resp:	47993
Ion	Ratio	Lower	Upper
97	100		
83	71.0	68.4	102.6
85	47.1	41.3	61.9
99	56.0	46.1	69.1



#56
 Ethyl methacrylate
 Concen: 45.199 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion:	69	Resp:	52690
Ion	Ratio	Lower	Upper
69	100		
41	68.1	50.8	76.2
39	53.9	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 46.909 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066474.D

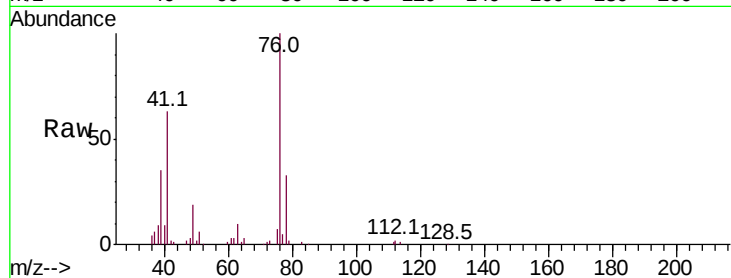
Acq: 31 Aug 2020 10:35

Tot Ion: 76 Resp: 78137

Ion Ratio Lower Upper

76 100

78 31.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

40000

30000

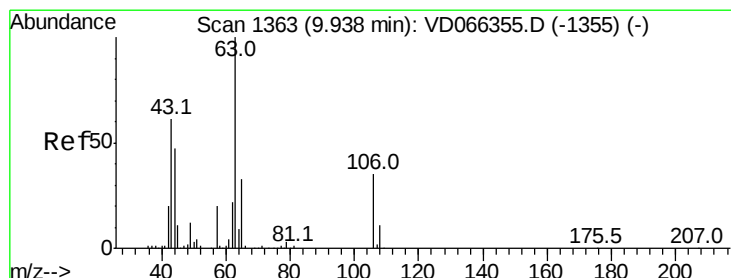
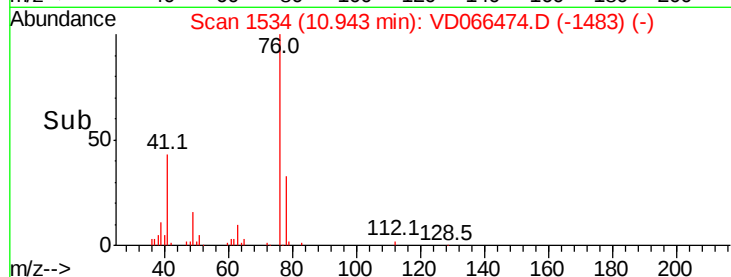
20000

10000

0

Time-->

10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 240.053 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066474.D

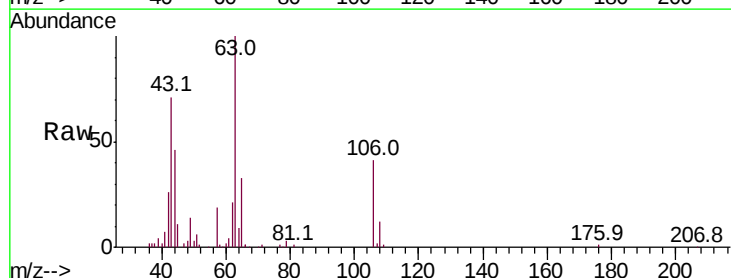
Acq: 31 Aug 2020 10:35

Tgt Ion: 63 Resp: 116225

Ion Ratio Lower Upper

63 100

106 39.5 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

60000

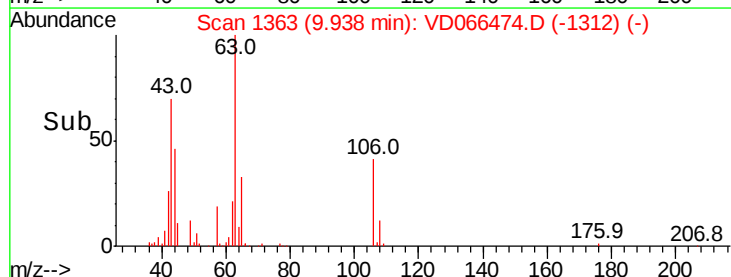
40000

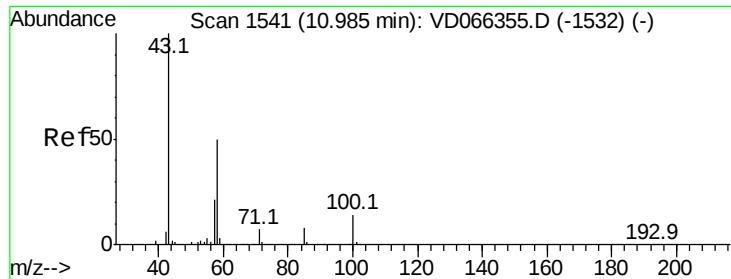
20000

0

Time-->

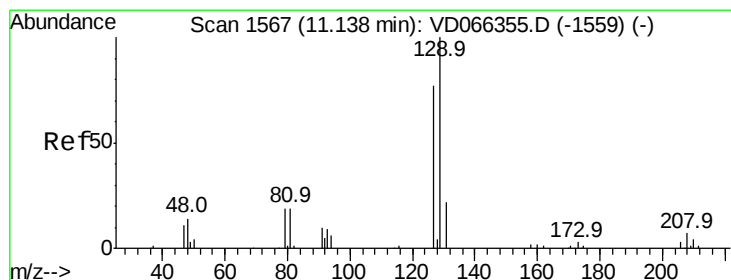
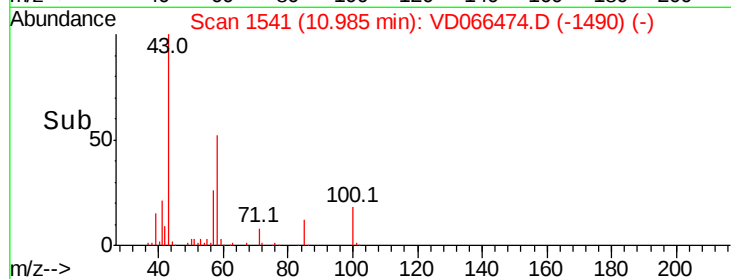
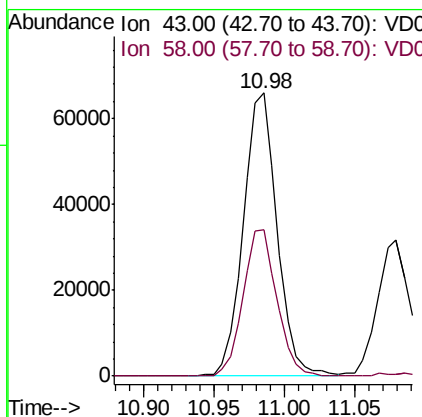
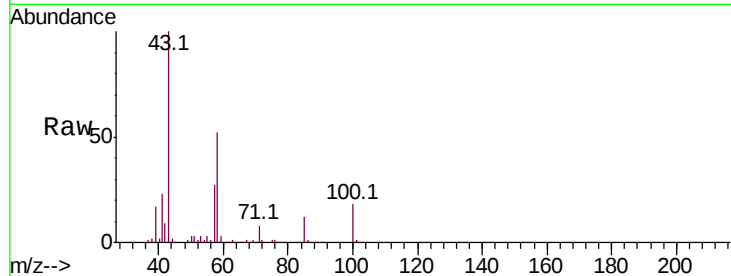
9.90 10.00





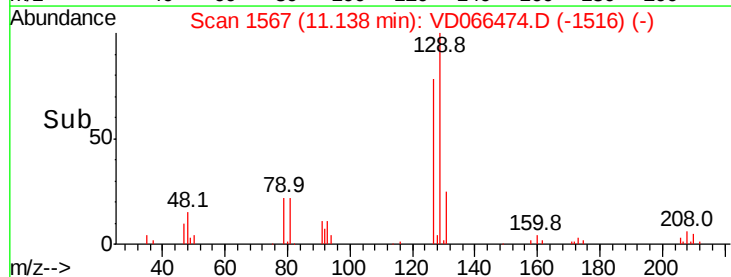
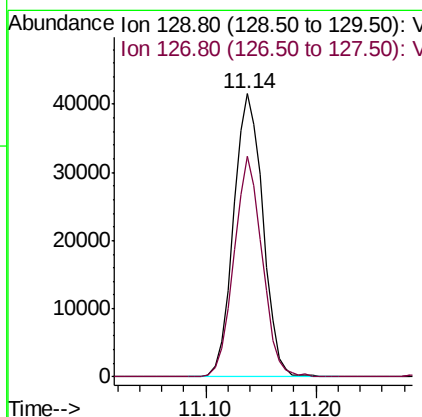
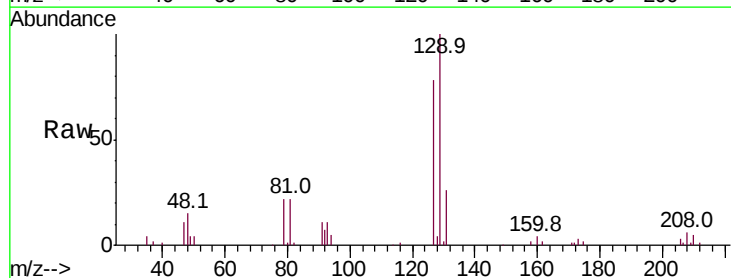
#59
2-Hexanone
Concen: 236.751 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

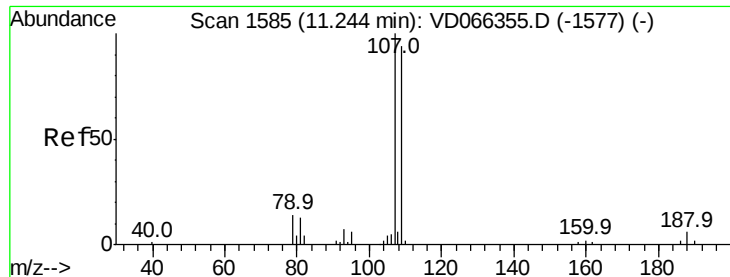
Tot Ion: 43 Resp: 110478
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.8



#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 129 Resp: 77375
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 47.163 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066474.D

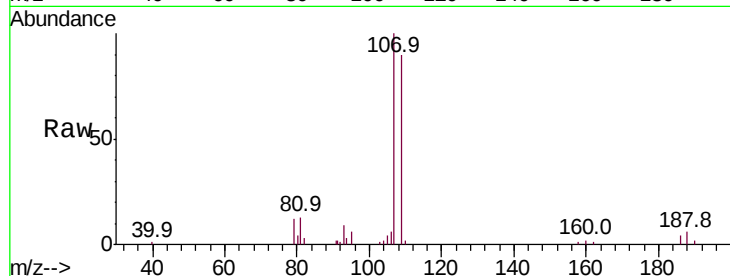
Acq: 31 Aug 2020 10:35

Tot Ion:107 Resp: 46739

Ion Ratio Lower Upper

107 100

109 90.6 77.8 116.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

30000

25000

20000

15000

10000

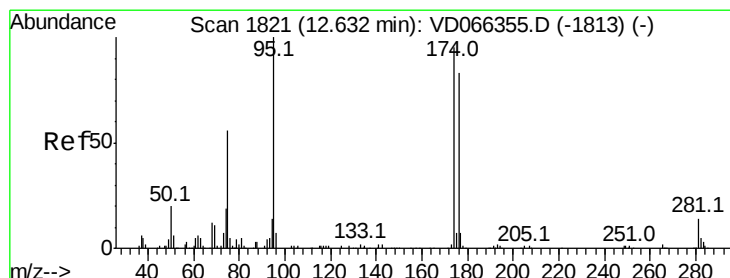
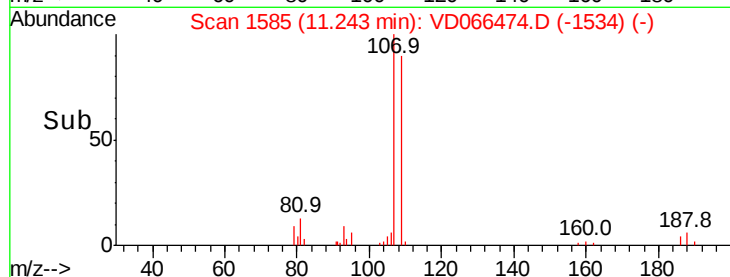
5000

0

Time-->

11.20

11.30



#62

4-Bromofluorobenzene

Concen: 51.736 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

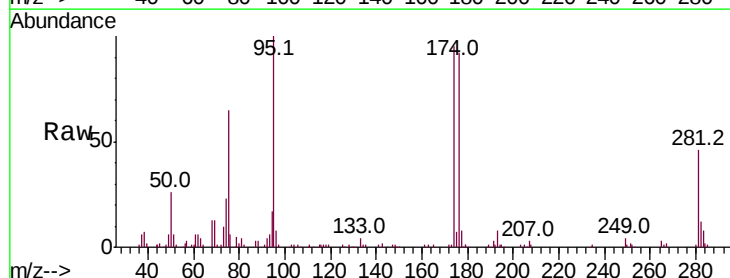
Tgt Ion: 95 Resp: 92215

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.4

176 93.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

40000

20000

0

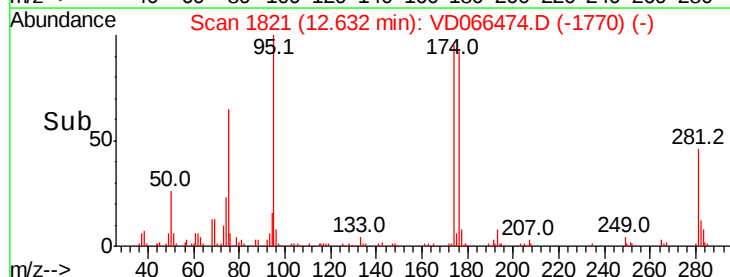
Time-->

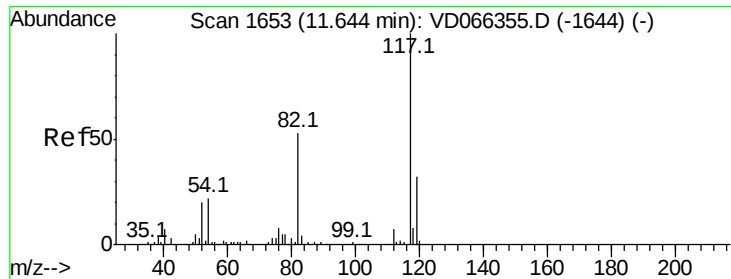
12.55

12.60

12.65

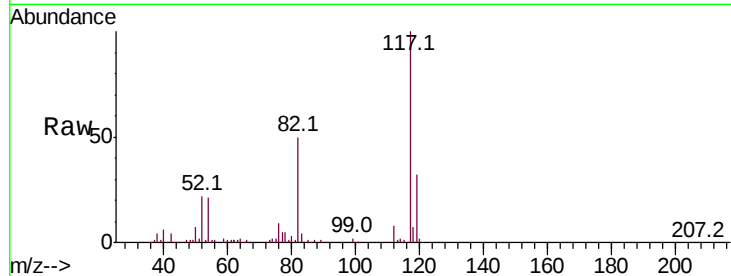
12.70





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.8	64.2
119	32.4	25.8	38.8

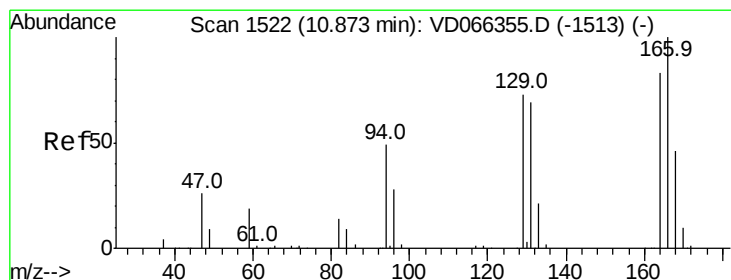
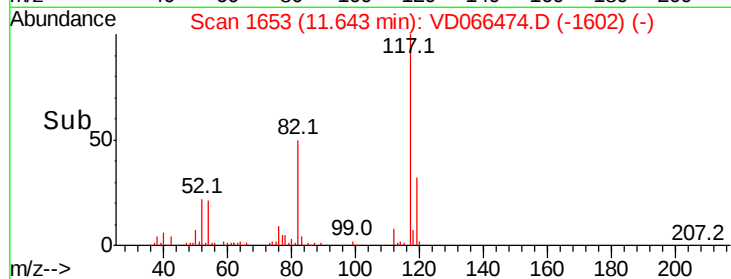
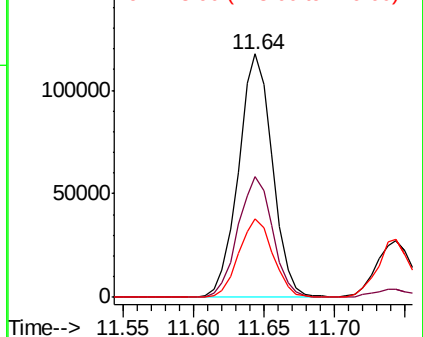


Abundance

Ion 116.90 (116.60 to 117.60): V

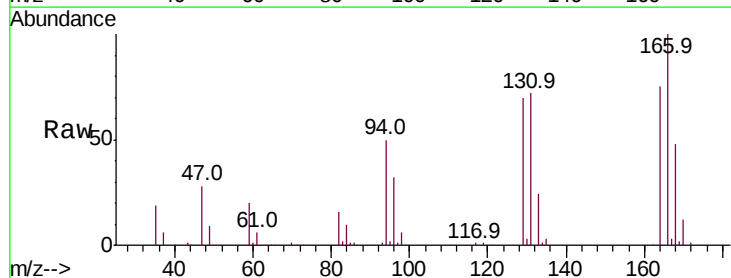
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.634 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	96.2	144.4
129	93.7	70.3	105.5
131	95.5	66.4	99.6



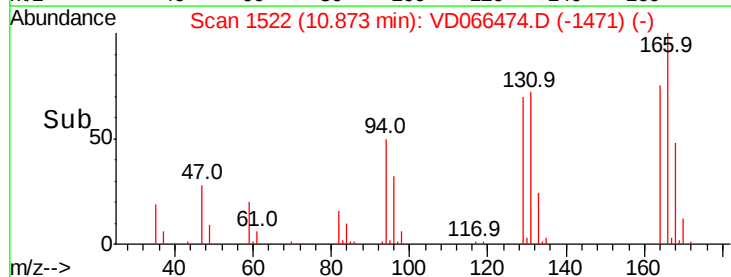
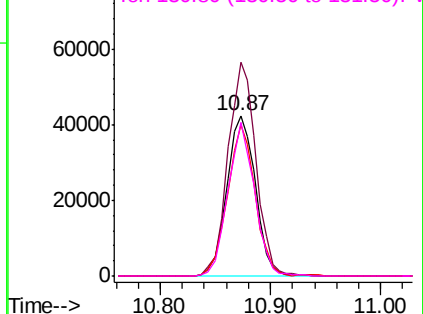
Abundance

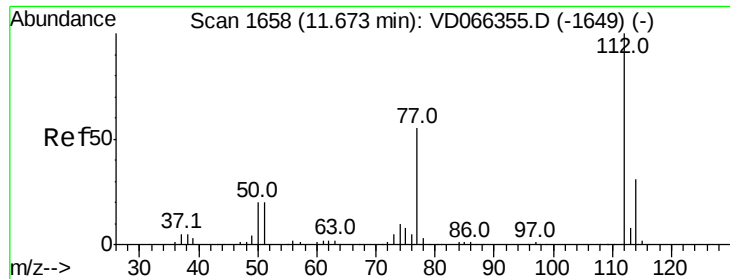
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

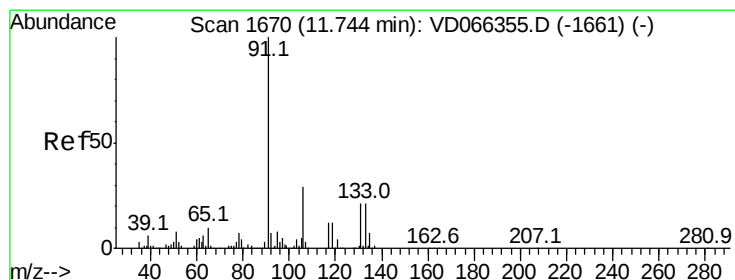
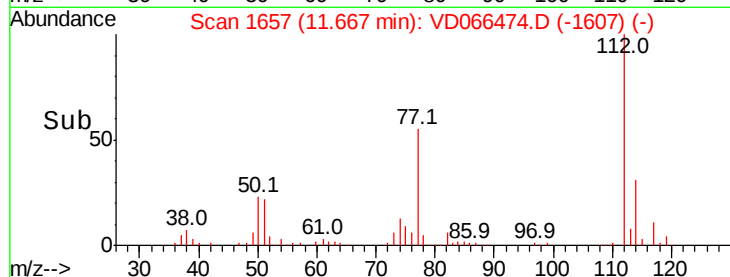
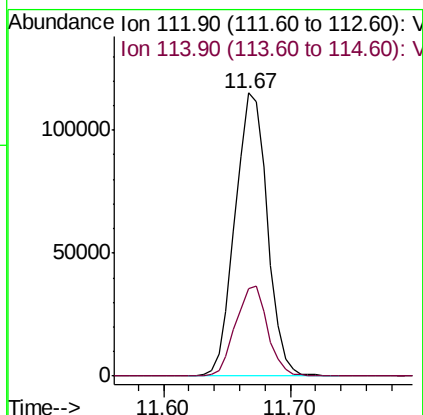
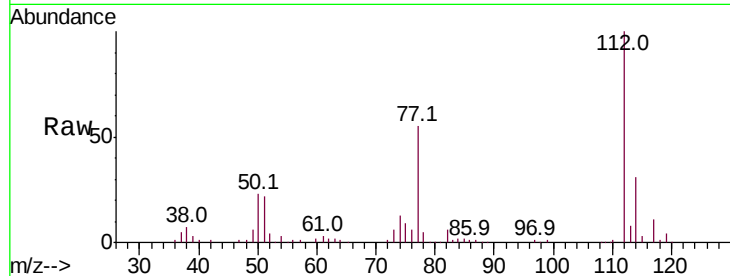
Ion 130.80 (130.50 to 131.50): V





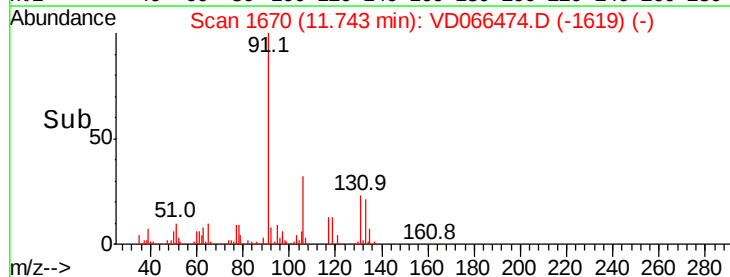
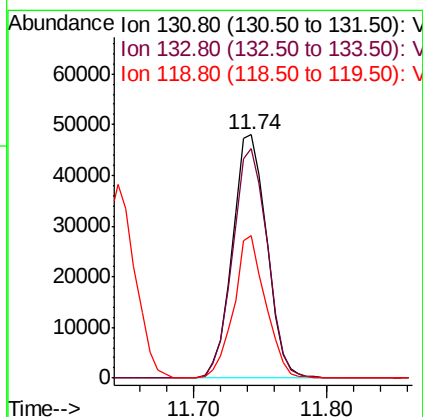
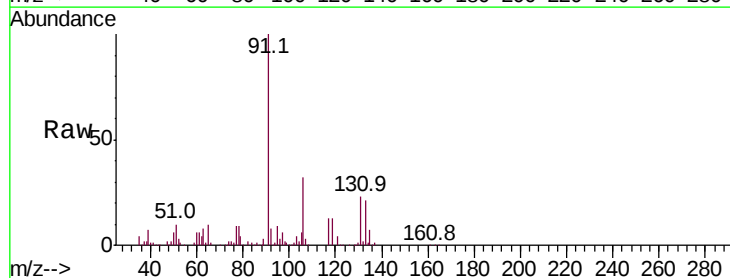
#65
Chlorobenzene
Concen: 51.799 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

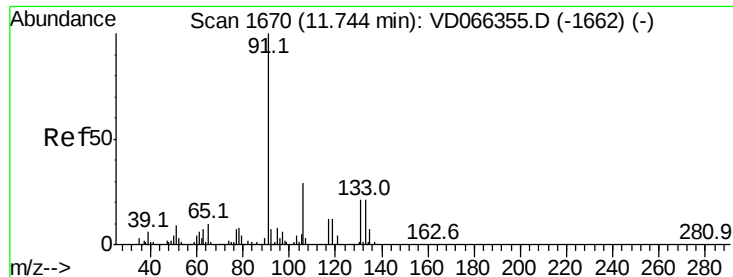
Tot Ion:112 Resp: 203226
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.666 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion:131 Resp: 86045
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.9
119 54.4 29.0 87.1





#67

Ethyl Benzene

Concen: 52.209 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066474.D

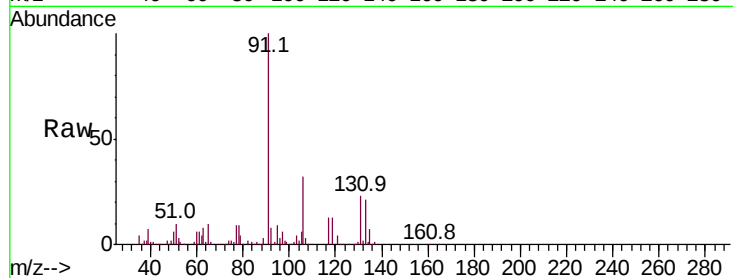
Acq: 31 Aug 2020 10:35

Tot Ion: 91 Resp: 360560

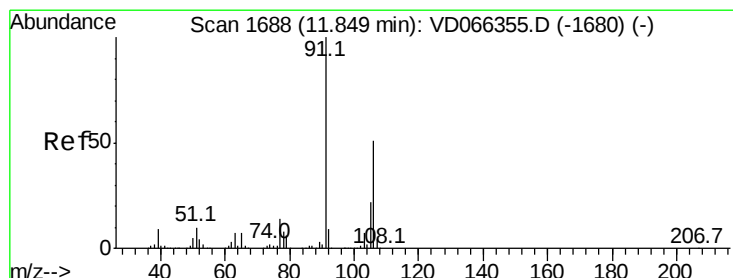
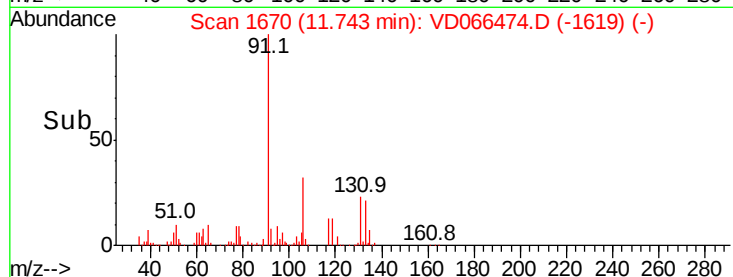
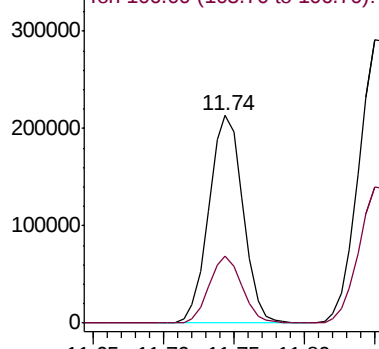
Ion Ratio Lower Upper

91 100

106 32.2 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066474.D (-1619) (-)



#68

m/p-Xylenes

Concen: 104.840 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066474.D

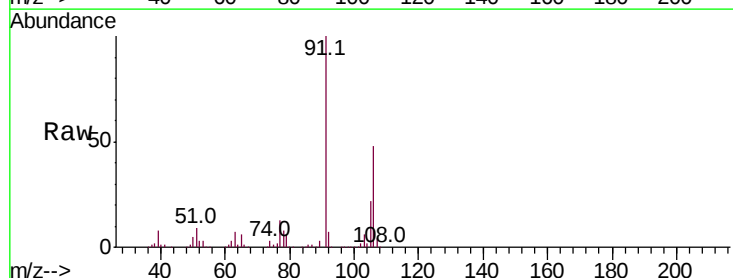
Acq: 31 Aug 2020 10:35

Tgt Ion: 106 Resp: 275969

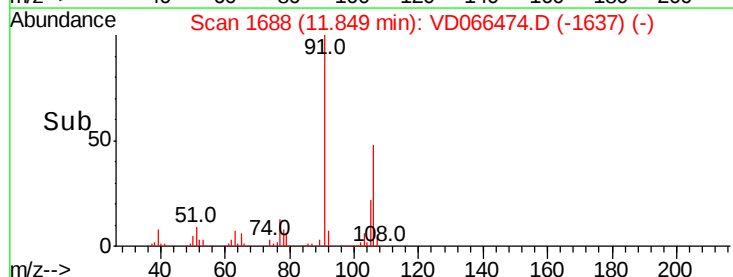
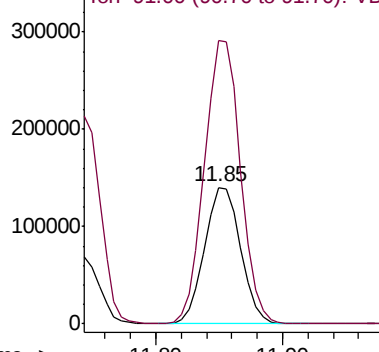
Ion Ratio Lower Upper

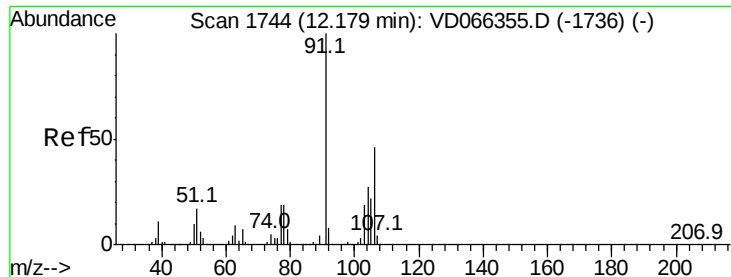
106 100

91 207.5 160.7 241.1



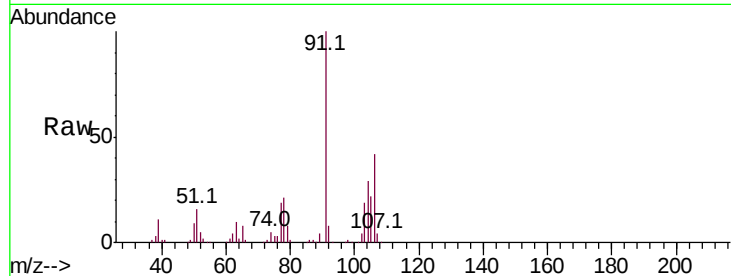
Abundance Ion 106.00 (105.70 to 106.70): VD066474.D (-1637) (-)



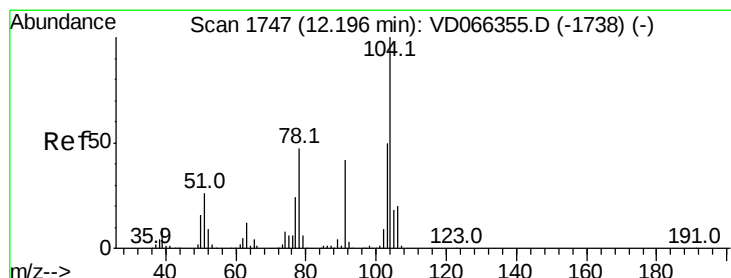
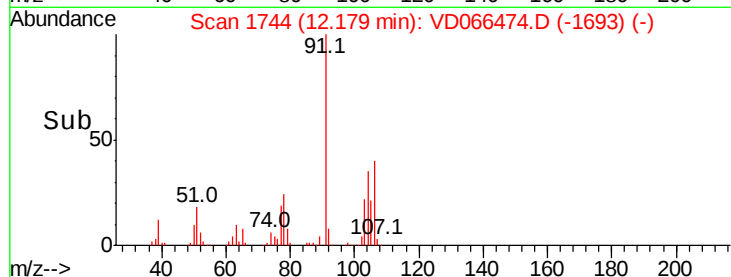
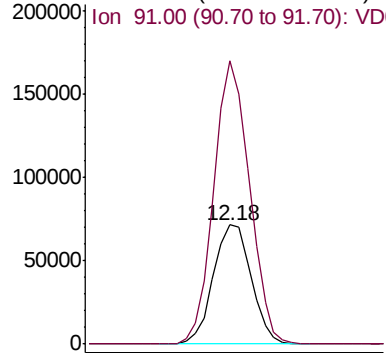


#69
o-Xylene
Concen: 51.330 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.6	109.1	327.3

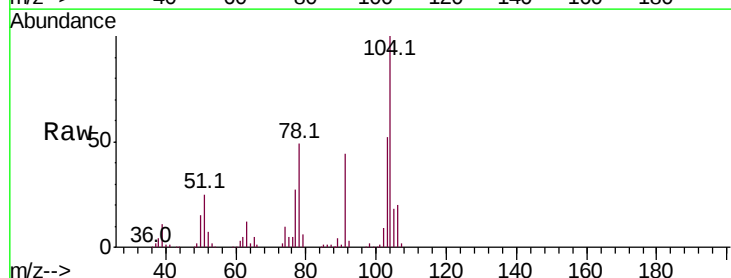


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

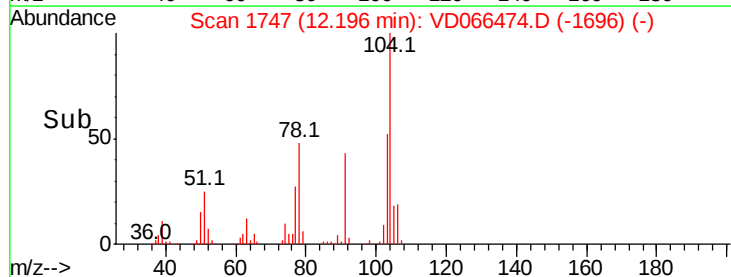
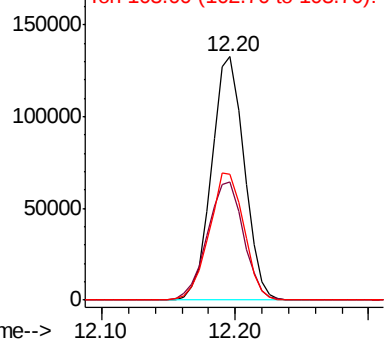


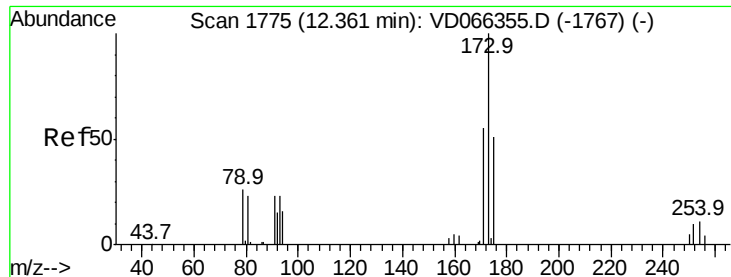
#70
Styrene
Concen: 53.293 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.1	41.7	62.5
103	55.9	43.5	65.3



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





#71

Bromoform

Concen: 50.846 ug/l

RT: 12.36 min Scan# 1775

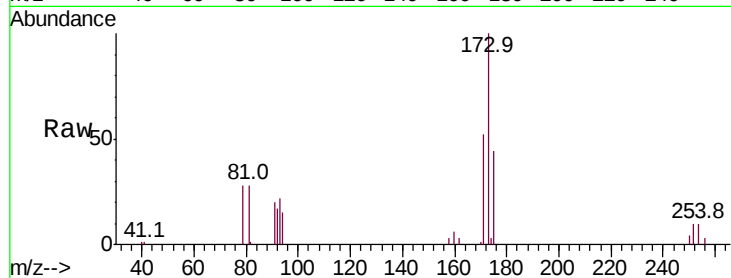
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tot Ion:173 Resp: 46252

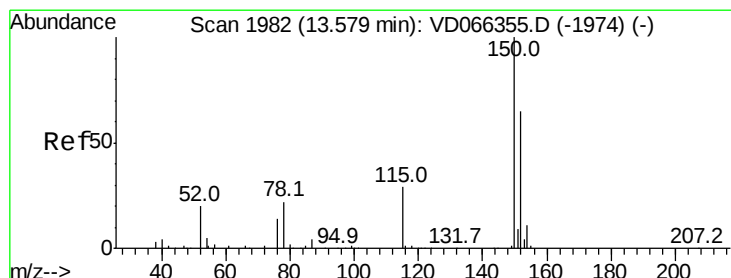
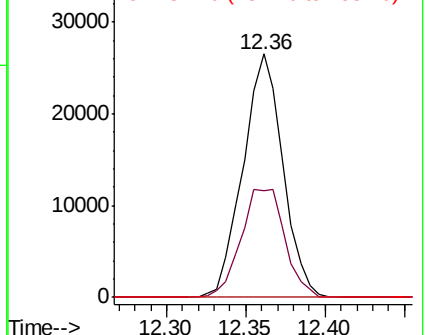
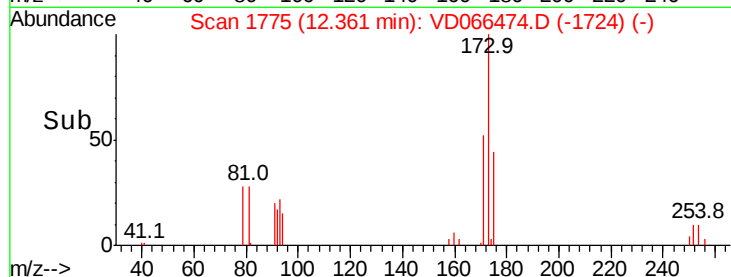
Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.8	74.3
254	0.0	0.0	0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

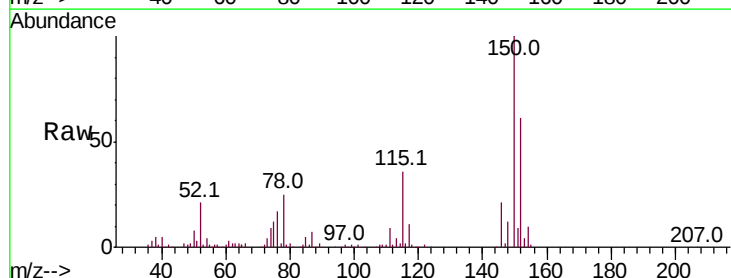
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion:152 Resp: 103686

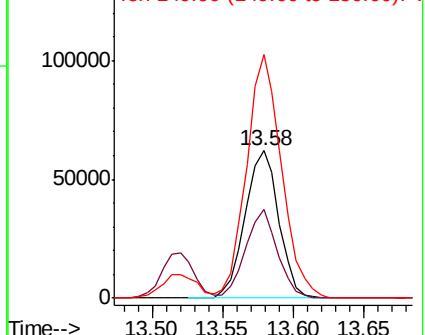
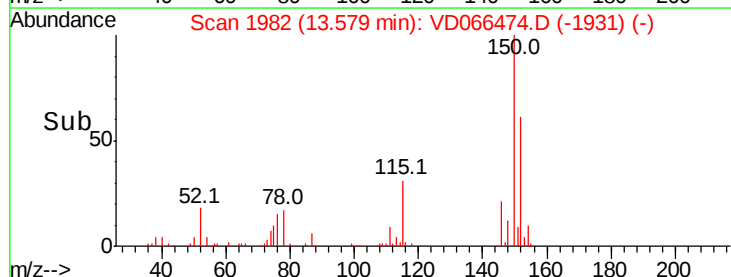
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	172.3	0.0	343.2

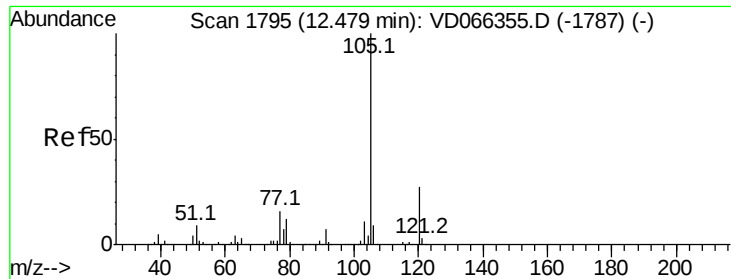


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

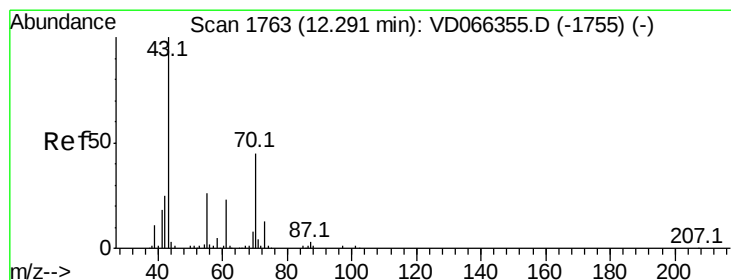
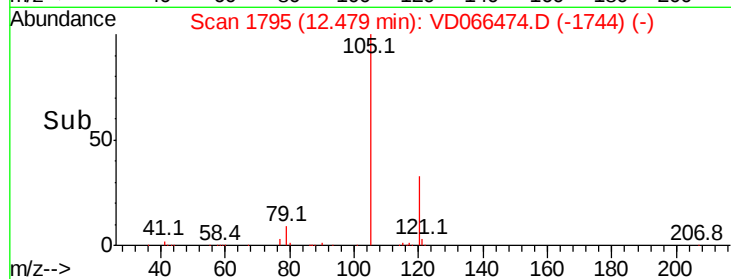
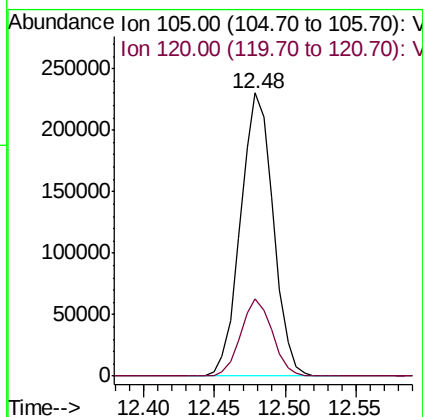
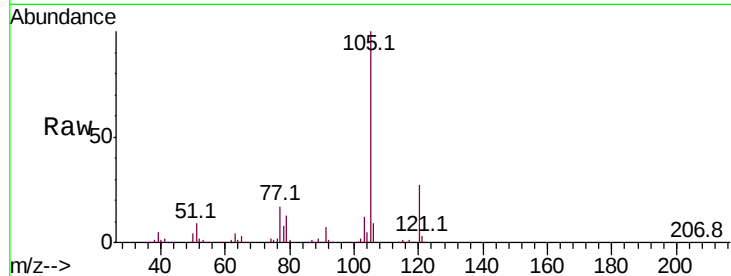
Ion 149.90 (149.60 to 150.60): V





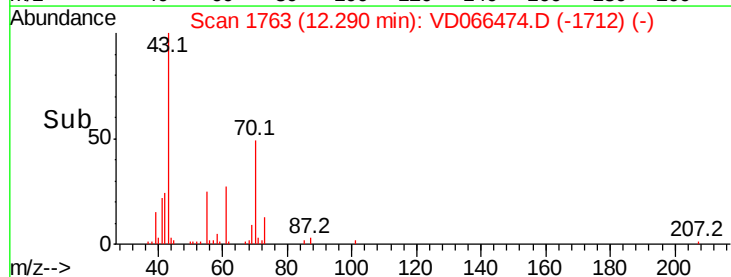
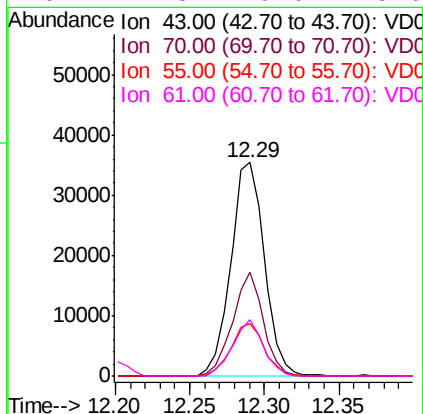
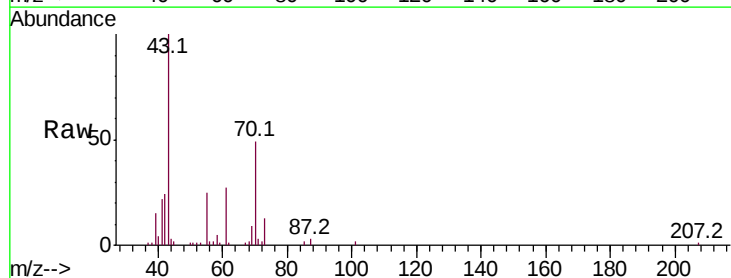
#73
Isopropylbenzene
Concen: 53.641 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

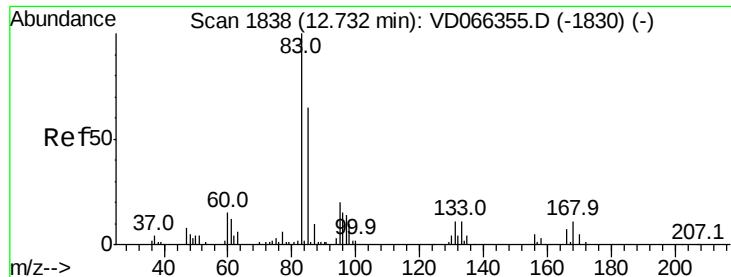
Tot Ion:105 Resp: 372586
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.8



#74
N-ethyl acetate
Concen: 44.314 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 43 Resp: 55592
Ion Ratio Lower Upper
43 100
70 44.4 34.8 52.2
55 24.3 20.3 30.5
61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.032 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

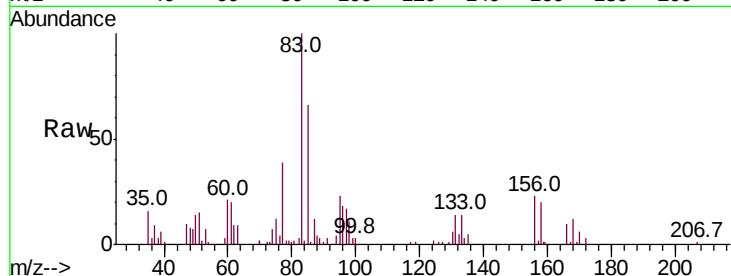
Tot Ion: 83 Resp: 41706

Ion Ratio Lower Upper

83 100

131 15.3 7.0 20.9

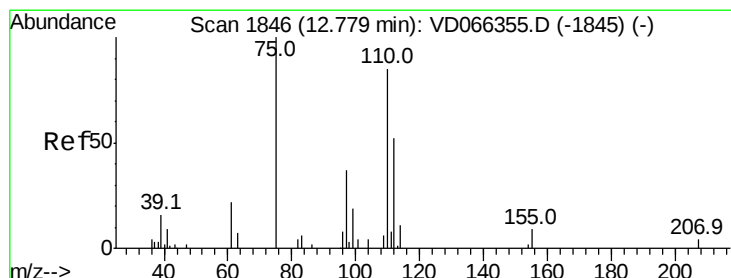
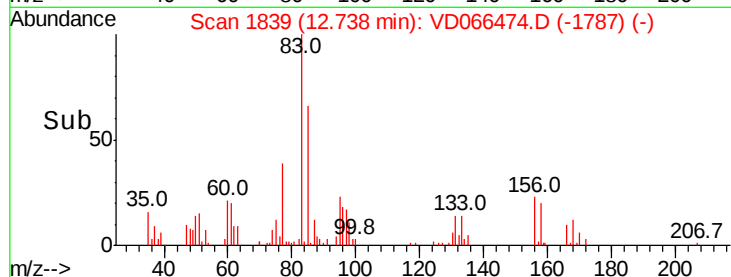
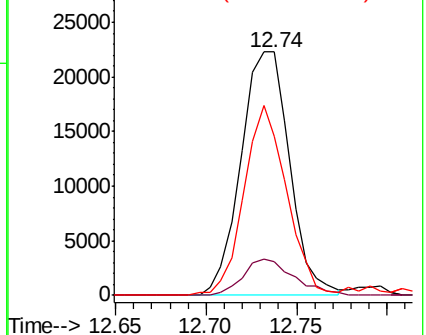
85 68.4 32.4 97.0



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: 96.013 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066474.D

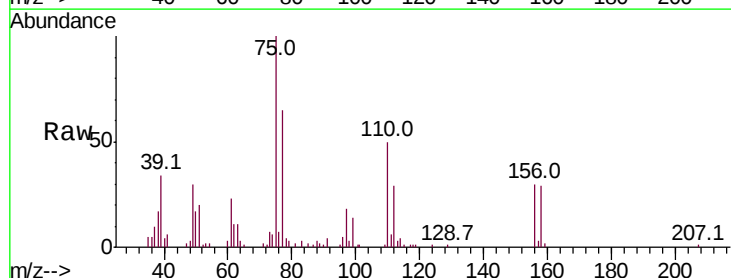
Acq: 31 Aug 2020 10:35

Tgt Ion: 75 Resp: 70035

Ion Ratio Lower Upper

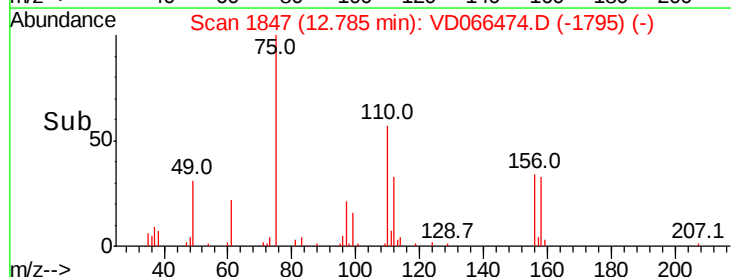
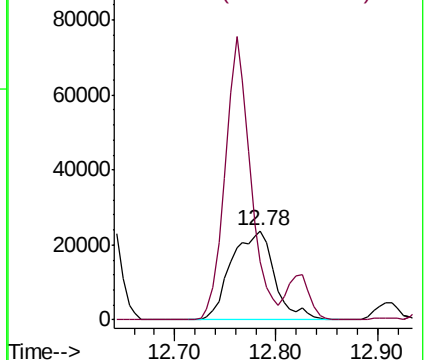
75 100

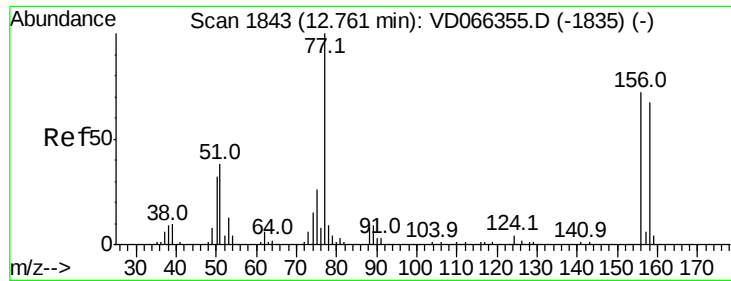
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.628 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

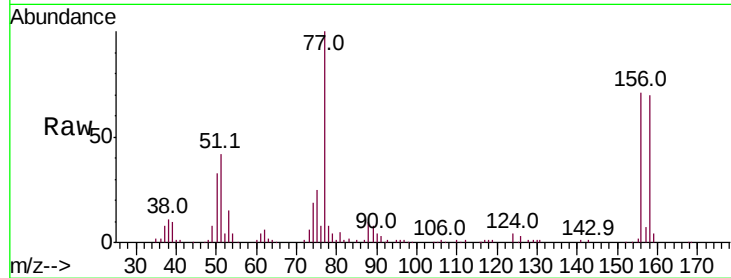
Tot Ion:156 Resp: 92780

Ion Ratio Lower Upper

156 100

77 142.4 76.1 228.3

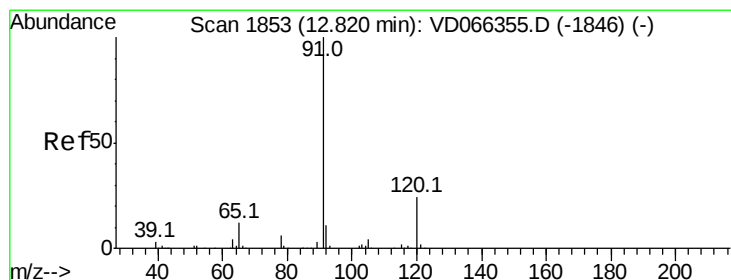
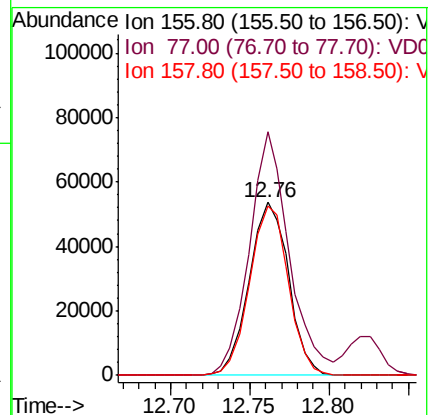
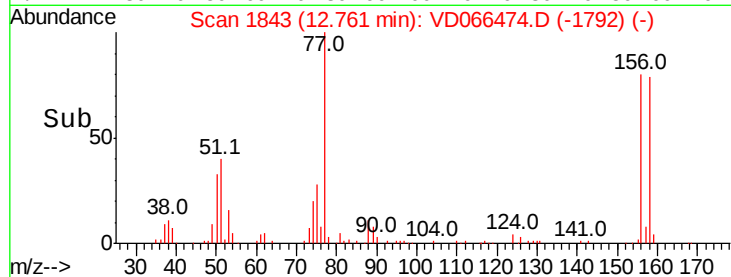
158 96.6 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 51.321 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066474.D

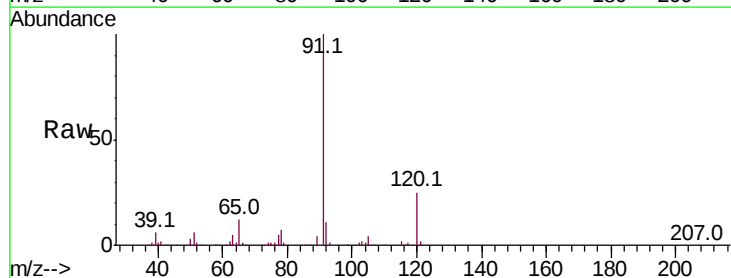
Acq: 31 Aug 2020 10:35

Tgt Ion: 91 Resp: 408725

Ion Ratio Lower Upper

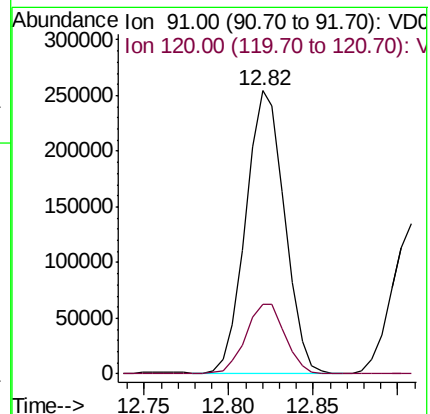
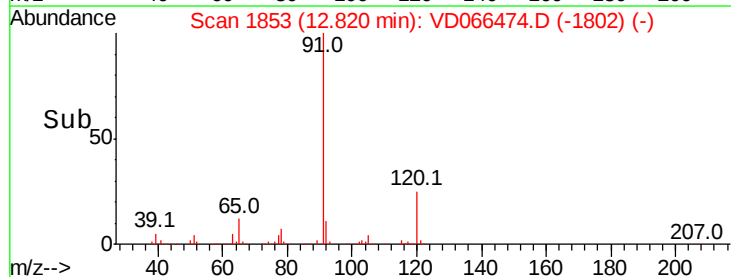
91 100

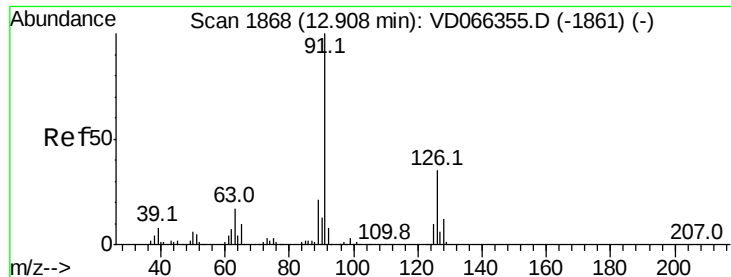
120 25.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.30): V

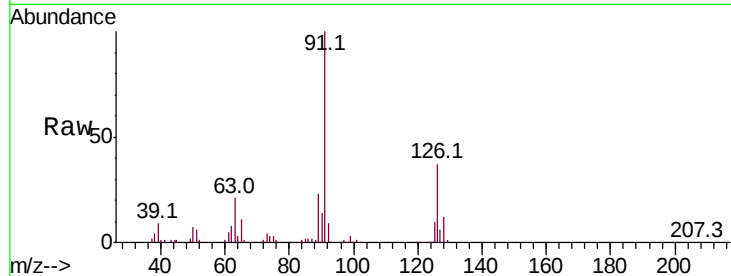
Ion 120.00 (119.70 to 120.30): V



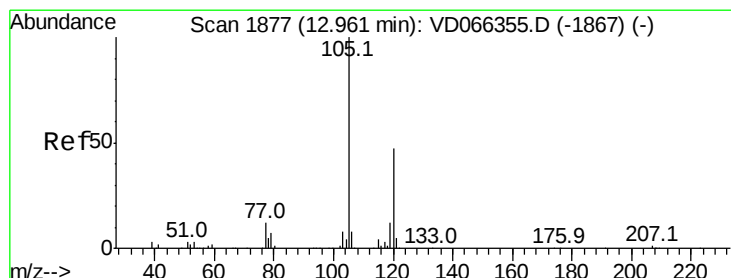
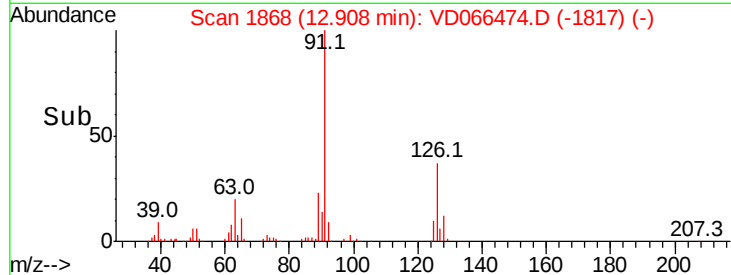
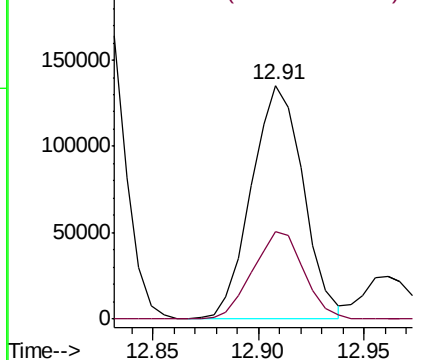


#79
 2-Chlorotoluene
 Concen: 50.641 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tot Ion: 91 Resp: 230346
 Ion Ratio Lower Upper
 91 100
 126 36.9 17.7 53.1

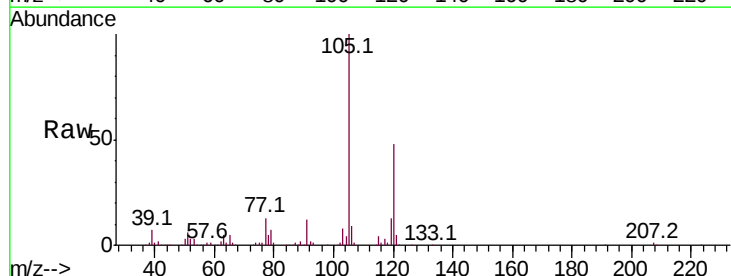


Abundance Ion 91.00 (90.70 to 91.70): VD
 Ion 125.90 (125.60 to 126.60): V

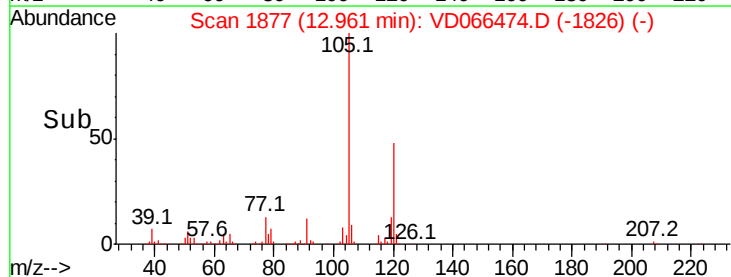
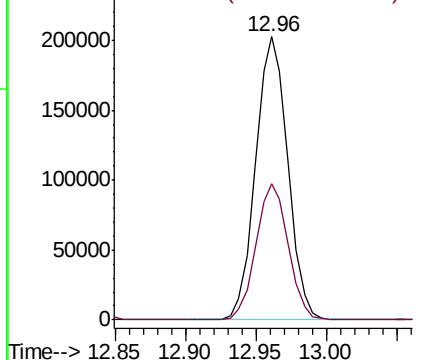


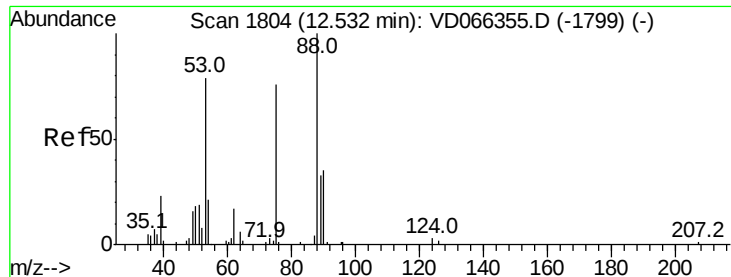
#80
 1,3,5-Trimethylbenzene
 Concen: 54.178 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion:105 Resp: 324913
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.589 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

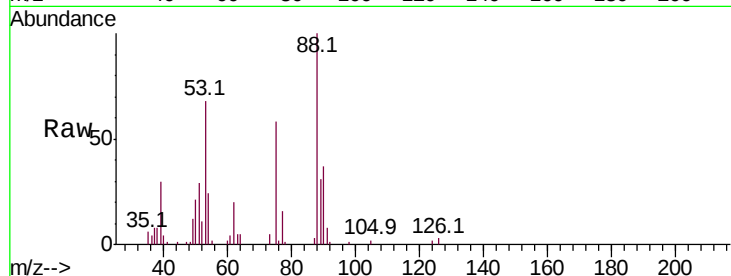
Tot Ion: 75 Resp: 14979

Ion Ratio Lower Upper

75 100

53 131.8 87.4 131.2#

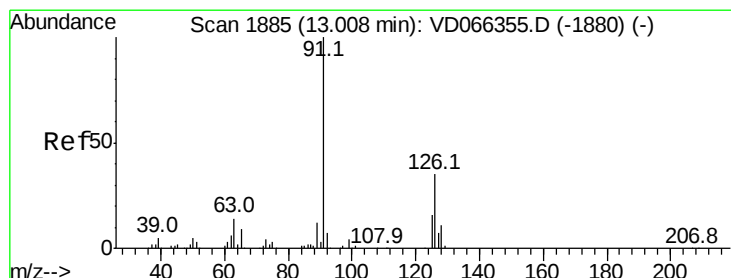
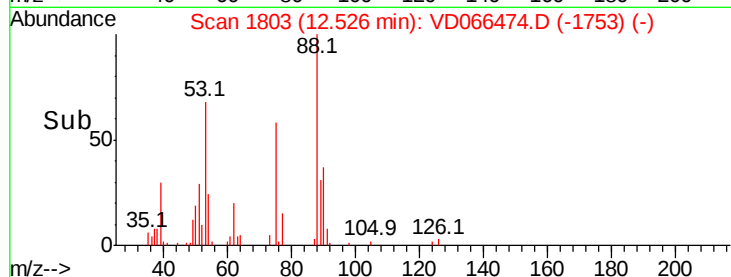
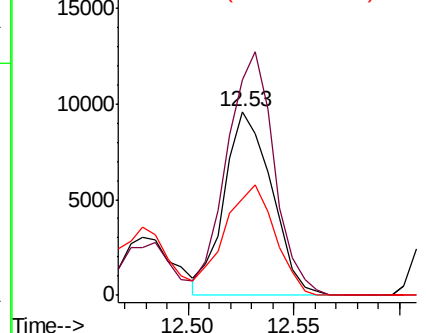
89 64.2 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.780 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066474.D

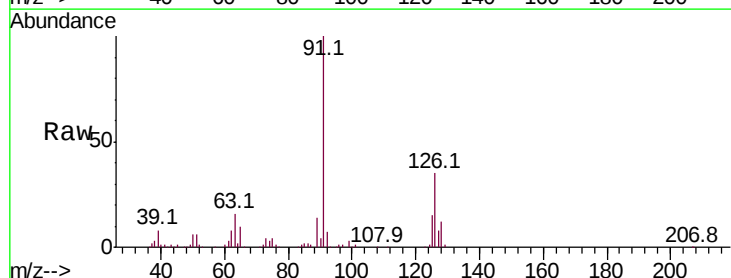
Acq: 31 Aug 2020 10:35

Tgt Ion: 91 Resp: 249537

Ion Ratio Lower Upper

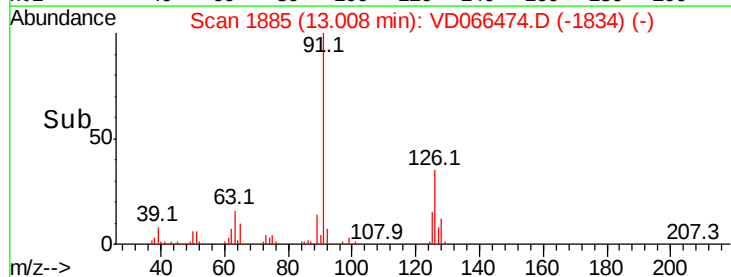
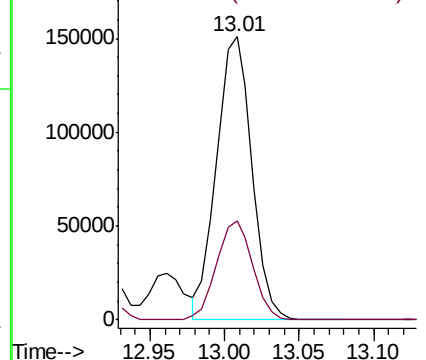
91 100

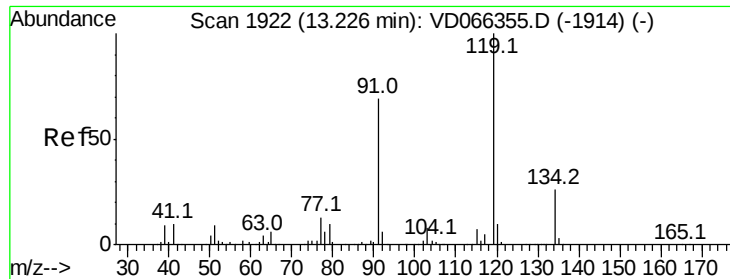
126 35.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC





#83

tert-Butylbenzene

Concen: 53.339 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

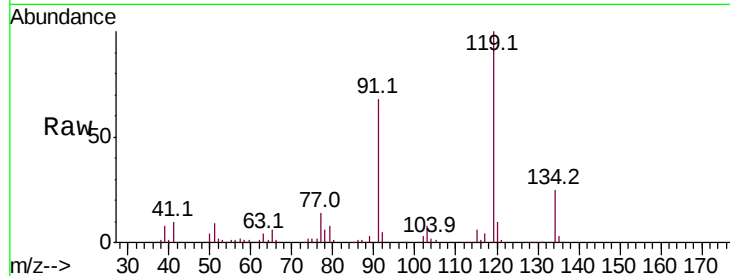
Tot Ion:119 Resp: 277847

Ion Ratio Lower Upper

119 100

91 70.2 33.5 100.5

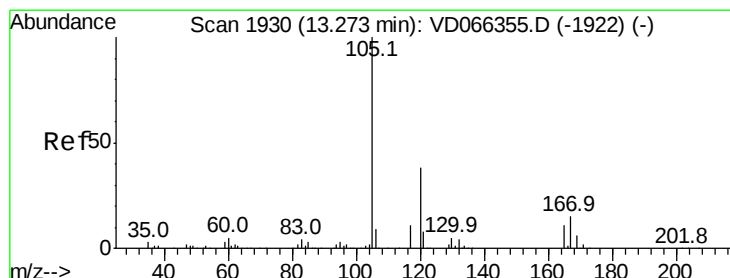
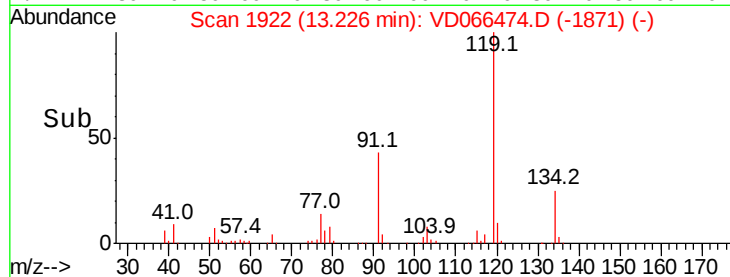
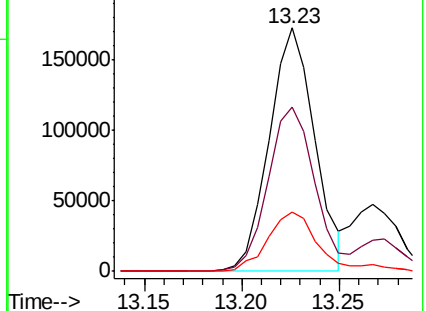
134 25.8 13.5 40.4



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: 54.579 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066474.D

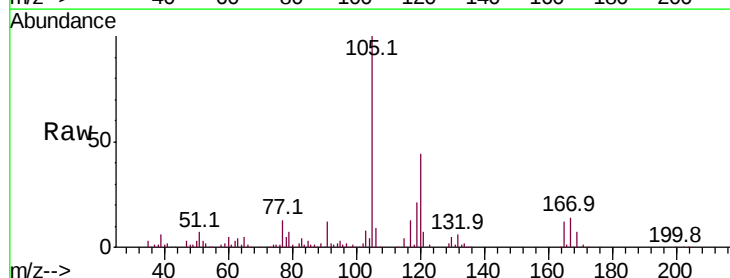
Acq: 31 Aug 2020 10:35

Tgt Ion:105 Resp: 321493

Ion Ratio Lower Upper

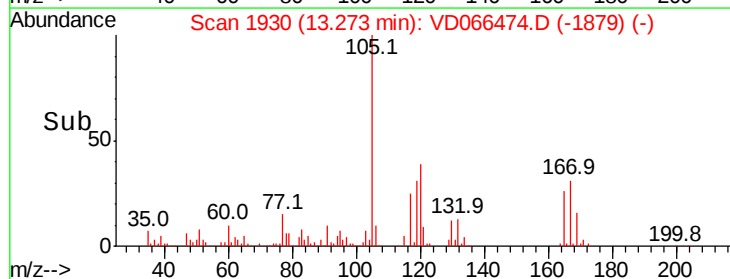
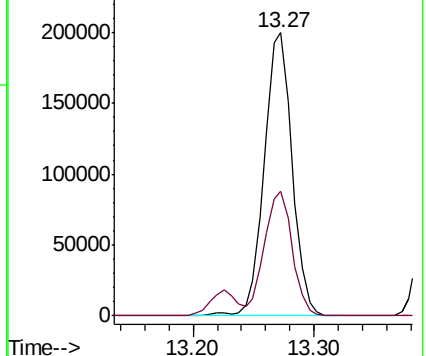
105 100

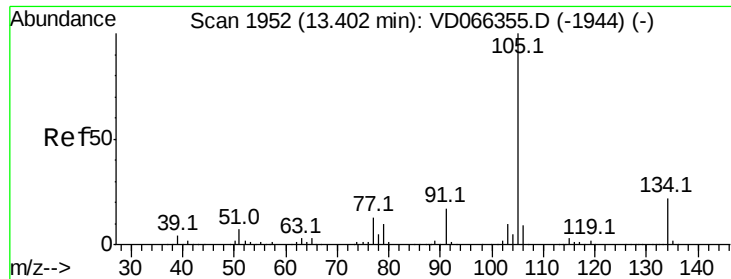
120 43.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

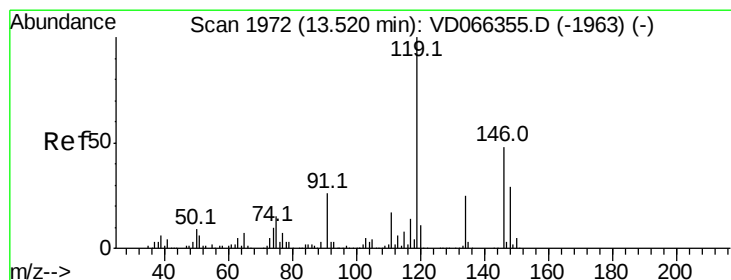
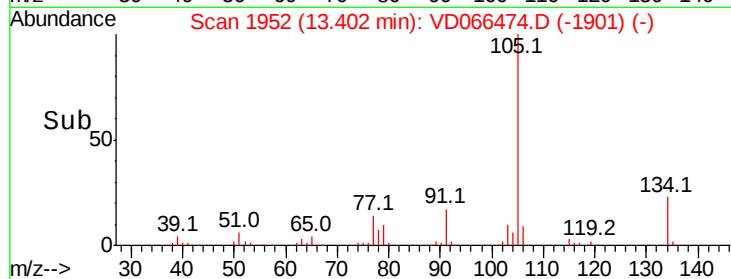
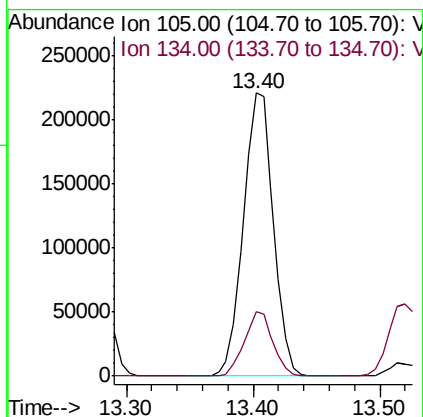
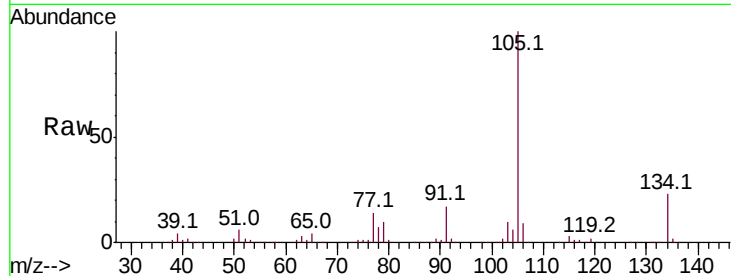
Ion 120.00 (119.70 to 120.70): V





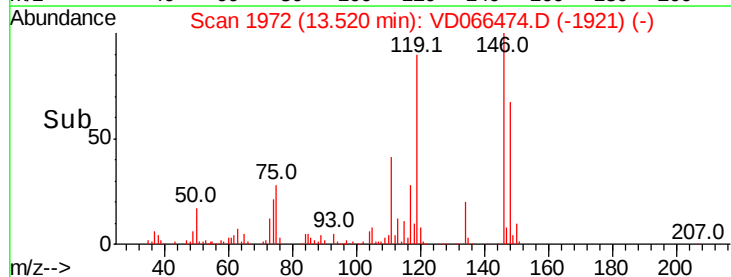
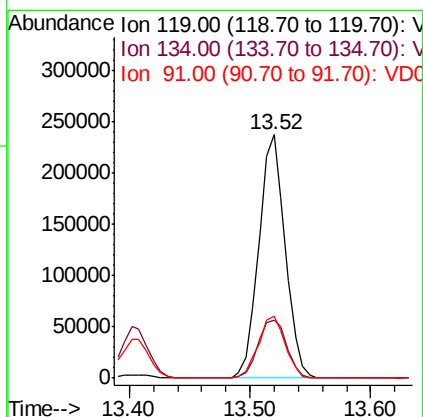
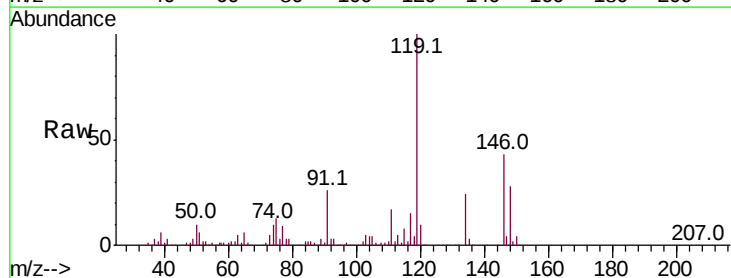
#85
 sec-Butylbenzene
 Concen: 52.996 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

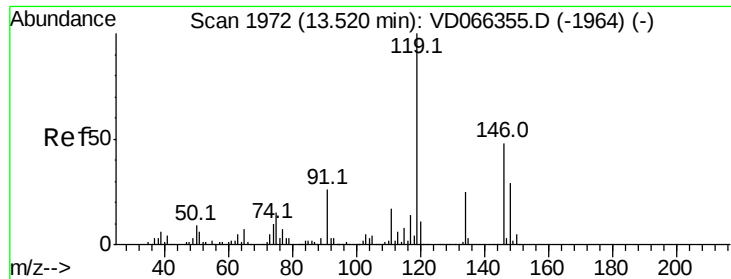
Tot Ion:105 Resp: 361691
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 54.435 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

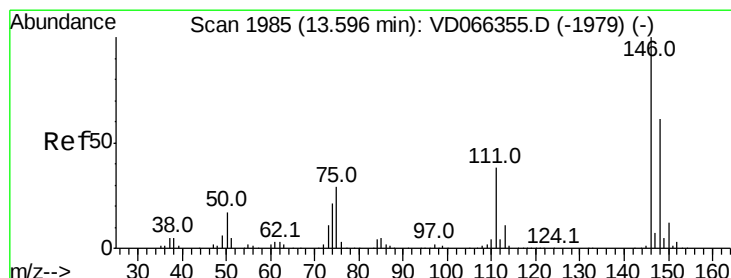
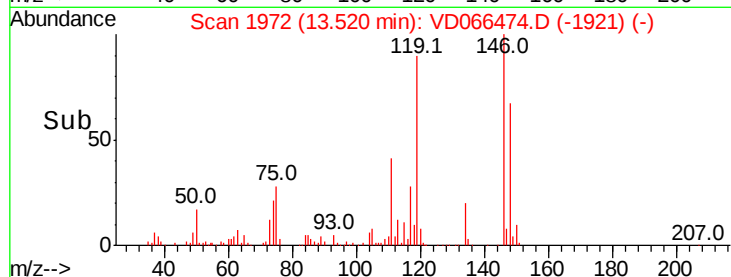
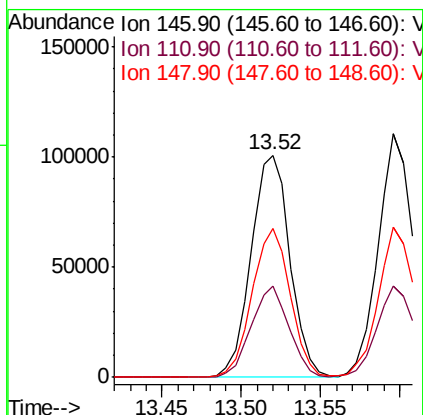
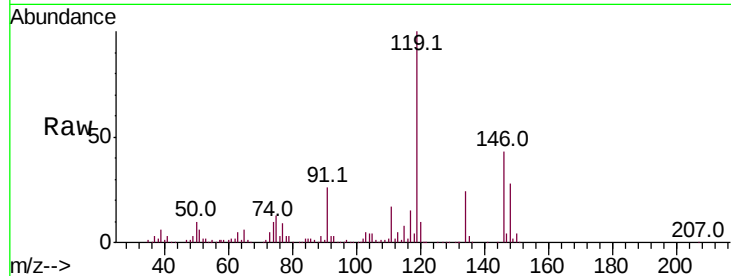
Tgt Ion:119 Resp: 358226
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.4 12.7 38.0





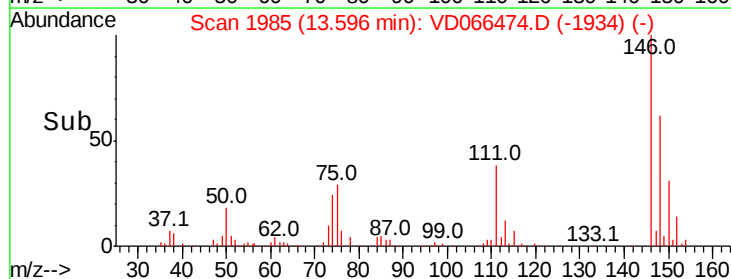
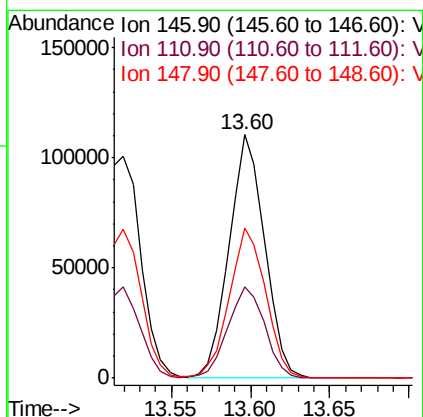
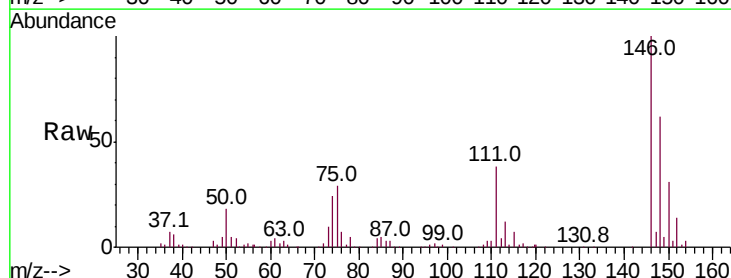
#87
 1,3-Dichlorobenzene
 Concen: 52.169 ug/l
 RT: 13.52 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

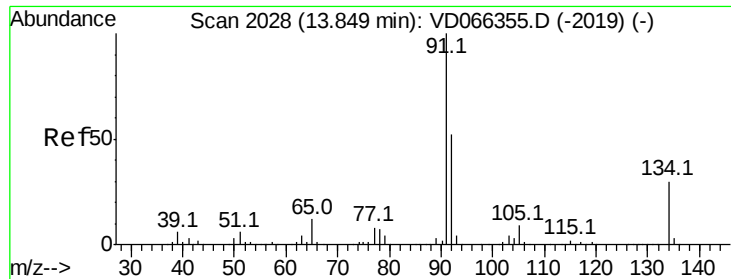
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.9
148	65.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.062 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

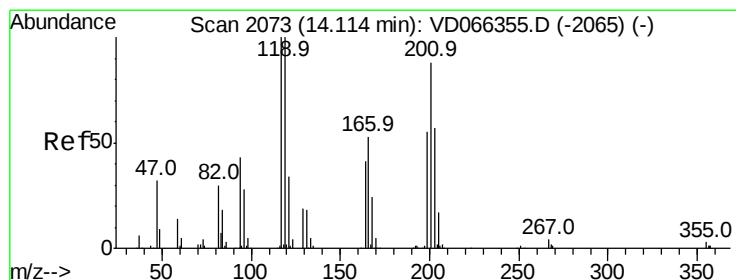
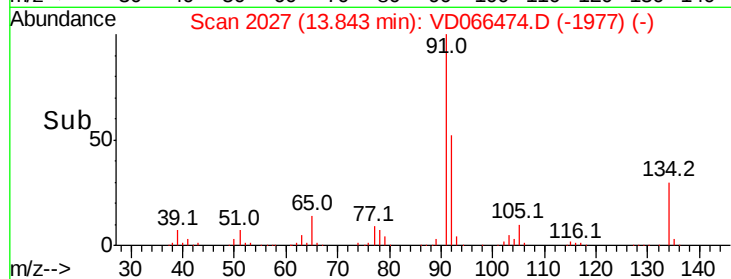
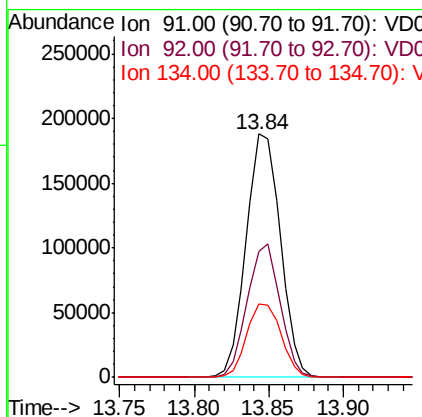
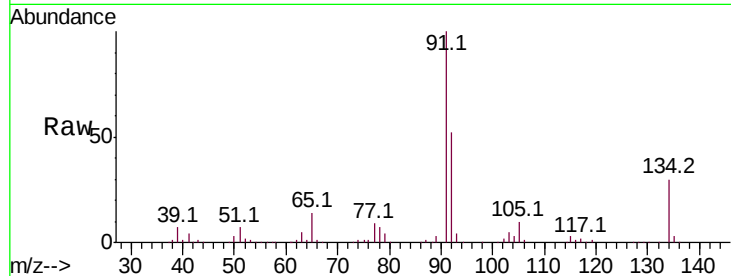
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	63.2	32.1	96.3





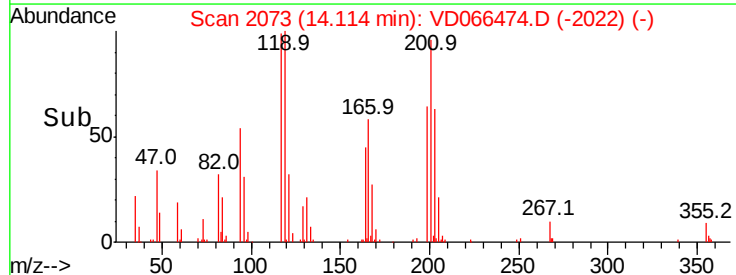
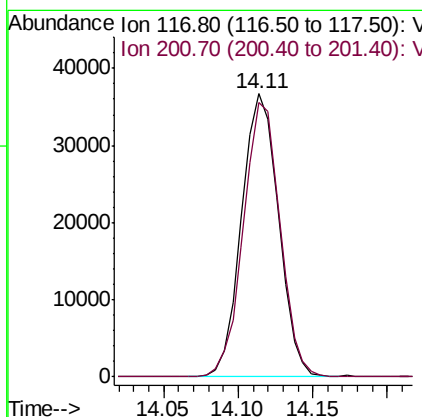
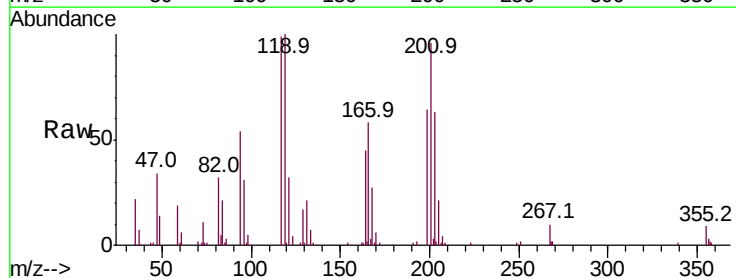
#89
n-Butylbenzene
Concen: 51.501 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

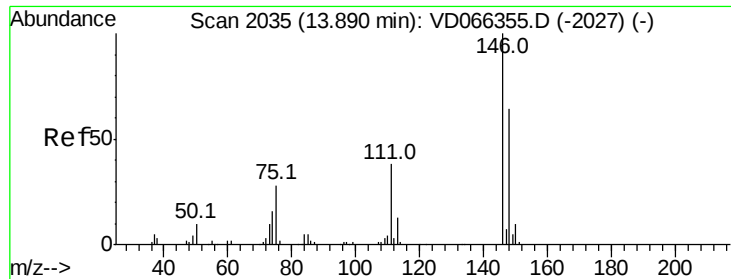
Tot Ion: 91 Resp: 299077
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 30.2 14.4 43.4



#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 117 Resp: 63085
Ion Ratio Lower Upper
117 100
201 95.8 45.4 136.2





#91

1,2-Dichlorobenzene

Concen: 53.367 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

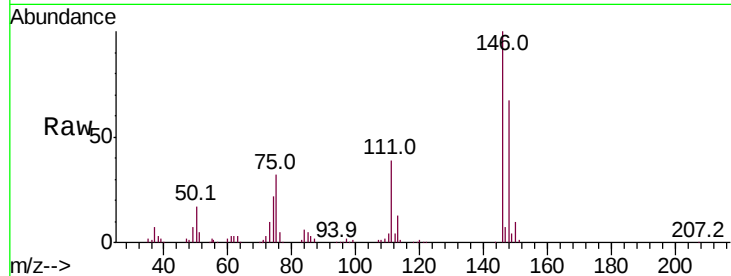
Tot Ion:146 Resp: 151186

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

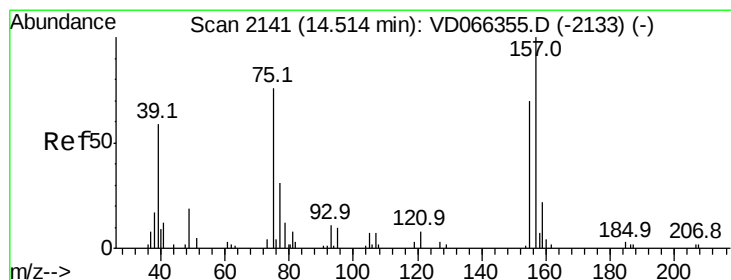
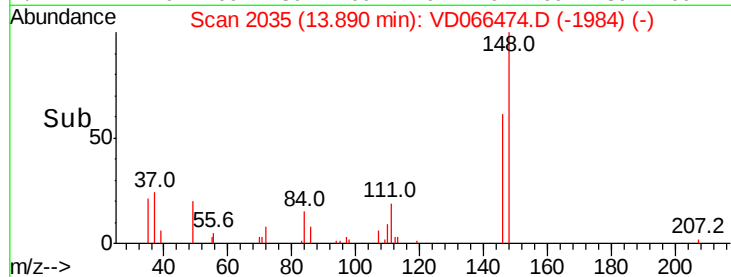
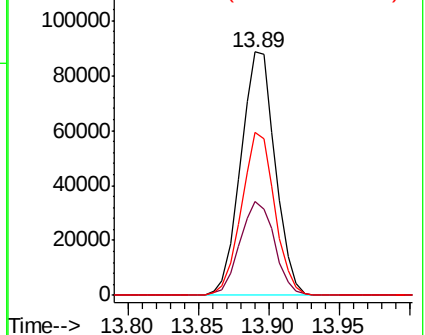
148 64.6 32.6 97.8



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: 53.722 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

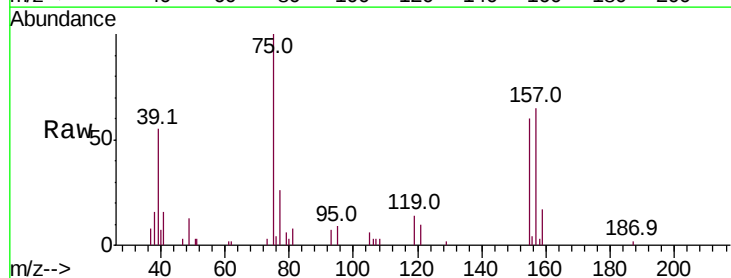
Tgt Ion: 75 Resp: 11180

Ion Ratio Lower Upper

75 100

155 77.6 46.9 140.6

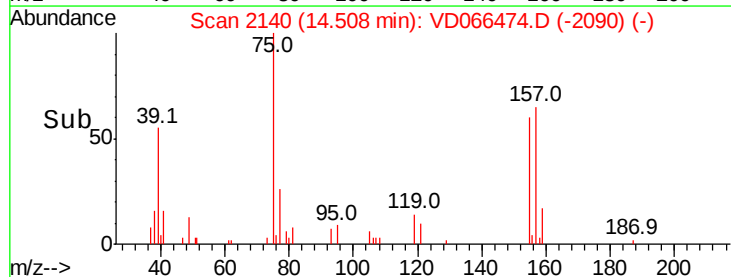
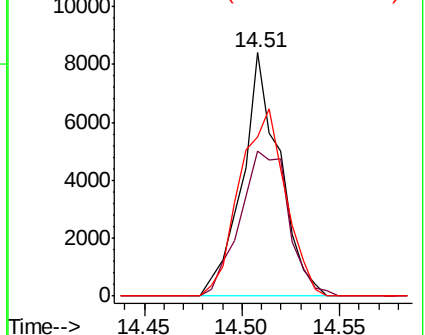
157 94.5 61.0 183.0

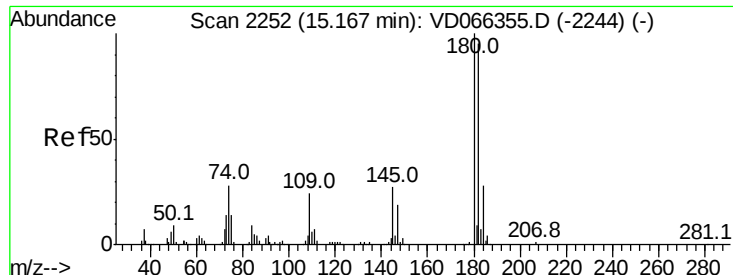


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

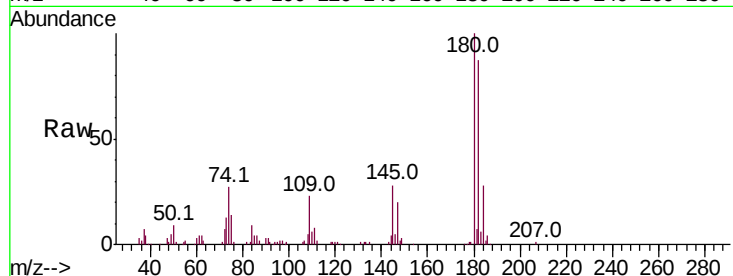
Ion 156.80 (156.50 to 157.50): V



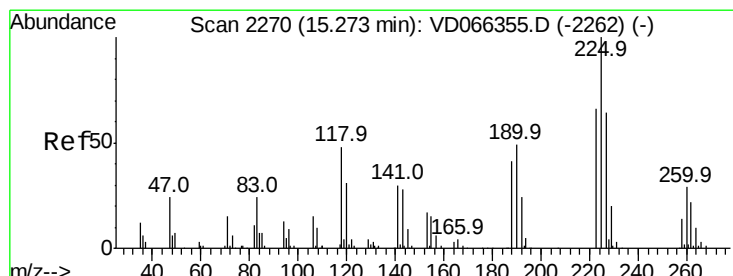
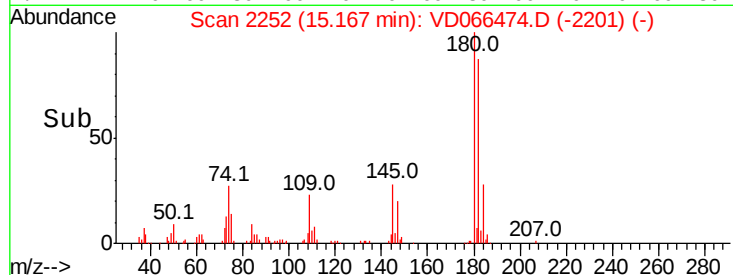
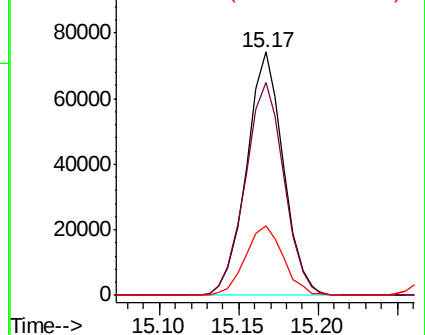


#93
 1,2,4-Trichlorobenzene
 Concen: 53.898 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tot Ion:180	Resp:	119205
Ion Ratio	Lower	Upper
180	100	
182	92.6	48.0 144.0
145	29.7	15.2 45.6

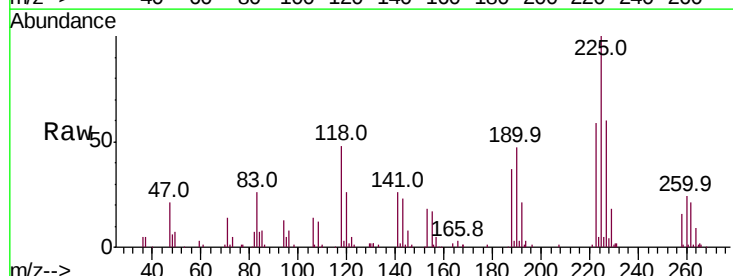


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

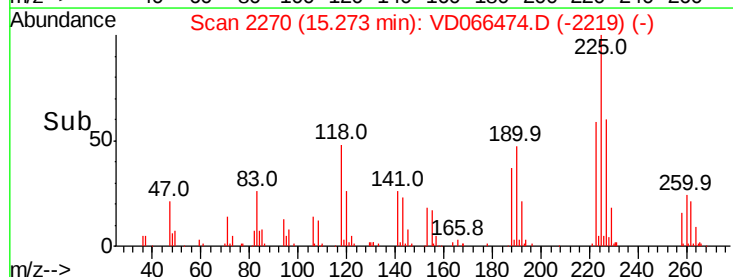
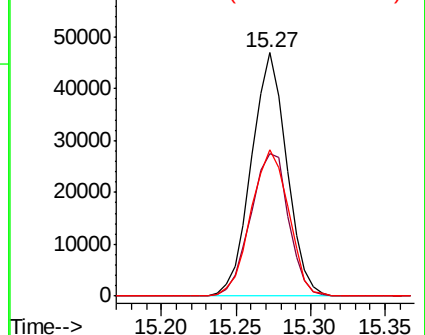


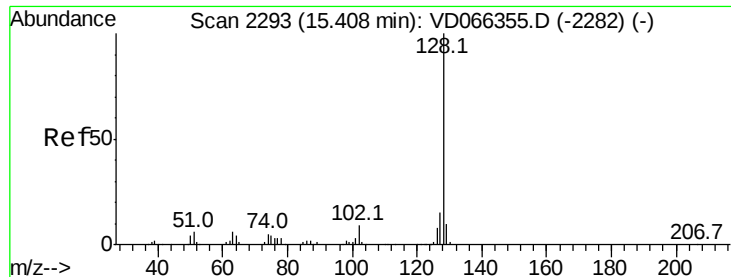
#94
 Hexachlorobutadiene
 Concen: 55.996 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion:225	Resp:	76962
Ion Ratio	Lower	Upper
225	100	
223	63.0	32.5 97.4
227	64.1	33.0 98.9



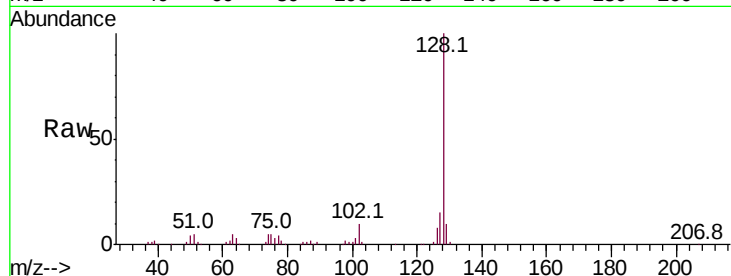
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



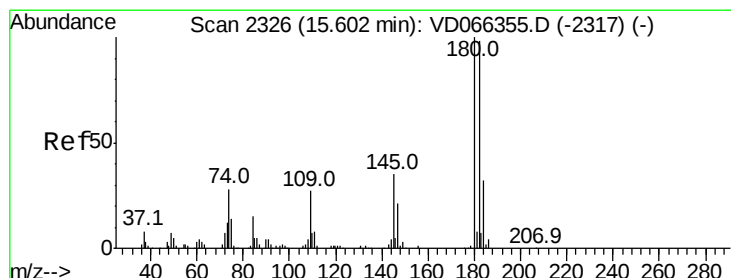
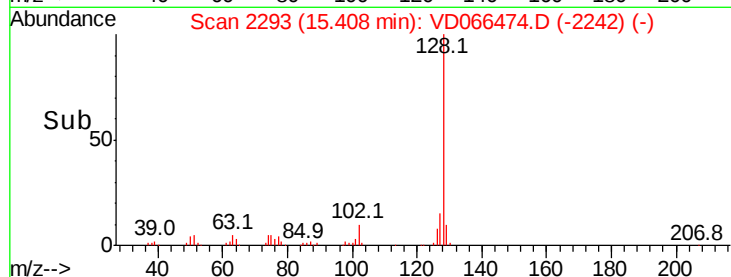
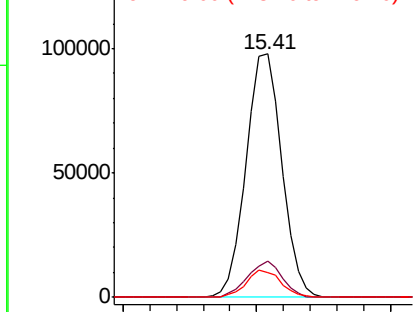


#95
Naphthalene
Concen: 52.152 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.7	16.1
129	10.9	8.6	12.8

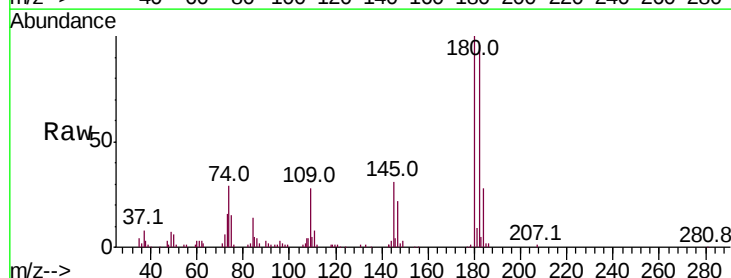


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.096 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.0
145	32.7	16.0	48.0



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

