

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066887.D
 Acq On : 25 Sep 2020 22:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 06:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	645910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	598898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	188991	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.91	113	195733	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.34	98	700202	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.63	95	246213	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	132702	47.344	ug/l	94
3) Chloromethane	2.20	50	157808	43.007	ug/l	100
4) Vinyl Chloride	2.35	62	152141	41.969	ug/l	99
5) Bromomethane	2.77	94	118483	46.501	ug/l	95
6) Chloroethane	2.93	64	102812	45.671	ug/l	98
7) Trichlorofluoromethane	3.27	101	344593	46.286	ug/l	96
8) Diethyl Ether	3.71	74	104717	55.404	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	201169	46.599	ug/l	98
10) Methyl Iodide	4.30	142	209151	54.903	ug/l	96
11) Tert butyl alcohol	5.22	59	63150	271.550	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	186305	47.640	ug/l	99
13) Acrolein	3.92	56	82091	284.689	ug/l	90
14) Allyl chloride	4.71	41	278380	48.477	ug/l	97
15) Acrylonitrile	5.43	53	217440	259.600	ug/l	98
16) Acetone	4.16	43	169520	204.439	ug/l	100
17) Carbon Disulfide	4.41	76	550195	46.018	ug/l	99
18) Methyl Acetate	4.72	43	105062	57.317	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	461402	54.329	ug/l	100
20) Methylene Chloride	4.97	84	244786	55.318	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	229744	50.737	ug/l	90
22) Diisopropyl ether	6.36	45	617443	52.294	ug/l	98
23) Vinyl Acetate	6.30	43	1624600	253.394	ug/l	99
24) 1,1-Dichloroethane	6.27	63	387100	49.007	ug/l	97
25) 2-Butanone	7.21	43	253903	254.802	ug/l	95
26) 2,2-Dichloropropane	7.21	77	323921	44.742	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	256257	52.086	ug/l	97
28) Bromochloromethane	7.54	49	170852	52.357	ug/l #	98
29) Tetrahydrofuran	7.56	42	169358	265.247	ug/l	98
30) Chloroform	7.71	83	425868	50.017	ug/l	96
31) Cyclohexane	7.98	56	313093	44.053	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	379740	49.302	ug/l	99
36) 1,1-Dichloropropene	8.11	75	310964	48.528	ug/l	99
37) Ethyl Acetate	7.29	43	123433	53.284	ug/l	98
38) Carbon Tetrachloride	8.10	117	339250	48.425	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066887.D
 Acq On : 25 Sep 2020 22:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 06:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	356166	48.410	ug/l	98
40) Benzene	8.34	78	908303	50.860	ug/l	97
41) Methacrylonitrile	7.56	41	165466	116.150	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	260436	49.329	ug/l	100
43) Isopropyl Acetate	8.45	43	231862	51.915	ug/l	99
44) Trichloroethene	9.11	130	256635	50.416	ug/l	96
45) 1,2-Dichloropropane	9.38	63	227295	50.585	ug/l	99
46) Dibromomethane	9.47	93	126168	51.680	ug/l	95
47) Bromodichloromethane	9.66	83	332882	50.758	ug/l	99
48) Methyl methacrylate	9.45	41	109972	49.942	ug/l	97
49) 1,4-Dioxane	9.46	88	30270	1104.154	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	603470	266.666	ug/l	99
52) Toluene	10.40	92	601950	52.328	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	292619	52.423	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	354143	52.032	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	174290	51.932	ug/l	97
56) Ethyl methacrylate	10.66	69	199627	55.524	ug/l	98
57) 1,3-Dichloropropane	10.94	76	291466	52.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	413082	242.651	ug/l	98
59) 2-Hexanone	10.98	43	403541	264.422	ug/l	97
60) Dibromochloromethane	11.14	129	232075	52.983	ug/l	97
61) 1,2-Dibromoethane	11.24	107	169540	54.312	ug/l	97
64) Tetrachloroethene	10.87	164	222115	51.559	ug/l	98
65) Chlorobenzene	11.67	112	642941	51.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	244726	51.868	ug/l	99
67) Ethyl Benzene	11.74	91	1135847	51.877	ug/l	99
68) m/p-Xylenes	11.85	106	879683	106.117	ug/l	99
69) o-Xylene	12.18	106	401638	53.582	ug/l	100
70) Styrene	12.19	104	700155	53.786	ug/l	99
71) Bromoform	12.36	173	126994	53.160	ug/l	98
73) Isopropylbenzene	12.48	105	1088774	54.136	ug/l	99
74) N-amyl acetate	12.28	43	211675	53.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	183422	52.854	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	236931	102.693	ug/l #	100
77) Bromobenzene	12.76	156	255311	54.279	ug/l	97
78) n-propylbenzene	12.82	91	1282712	53.015	ug/l	98
79) 2-Chlorotoluene	12.91	91	736730	53.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	933134	54.681	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52657	57.101	ug/l	94
82) 4-Chlorotoluene	13.00	91	773605	53.226	ug/l	99
83) tert-Butylbenzene	13.23	119	782494	55.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	929781	54.945	ug/l	99
85) sec-Butylbenzene	13.40	105	1082254	53.670	ug/l	99
86) p-Isopropyltoluene	13.52	119	992399	54.598	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	488970	52.618	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	481517	52.170	ug/l	98
89) n-Butylbenzene	13.84	91	907400	52.522	ug/l	100
90) Hexachloroethane	14.11	117	190829	51.713	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	423707	53.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29751	53.292	ug/l	95

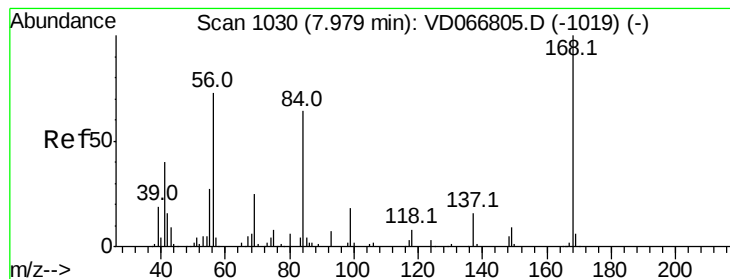
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066887.D
Acq On : 25 Sep 2020 22:33
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 06:38:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	280558	56.057	ug/l	97
94) Hexachlorobutadiene	15.27	225	158210	52.752	ug/l	97
95) Naphthalene	15.40	128	501501	59.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	244914	56.696	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

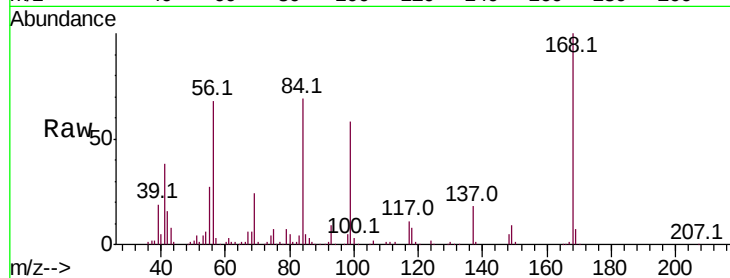
VSTDCCC050

Tot Ion:168 Resp: 399366

Ion Ratio Lower Upper

168 100

99 57.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

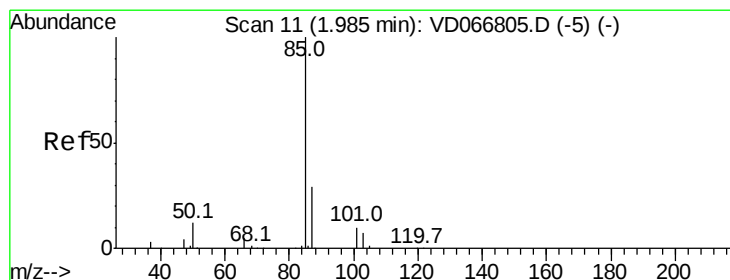
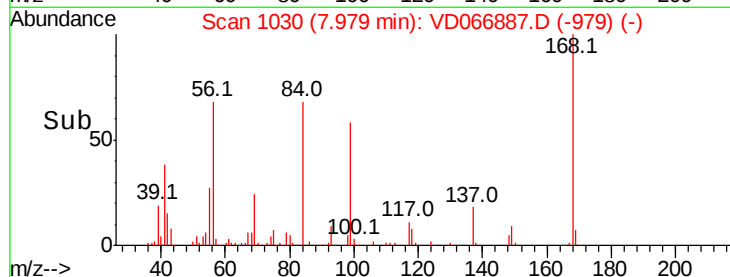
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.344 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066887.D

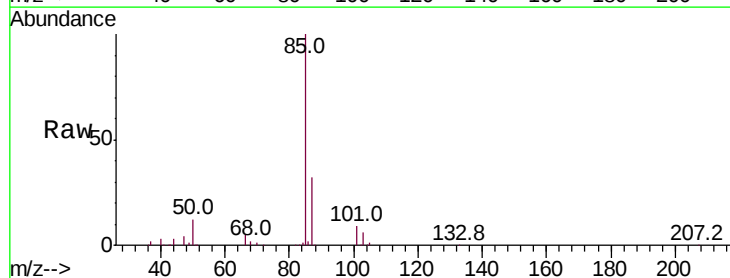
Acq: 25 Sep 2020 22:33

Tgt Ion: 85 Resp: 132702

Ion Ratio Lower Upper

85 100

87 32.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

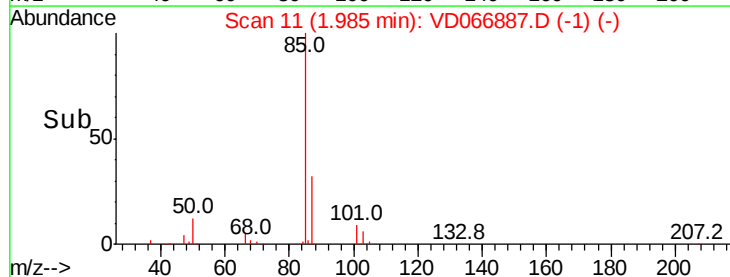
40000

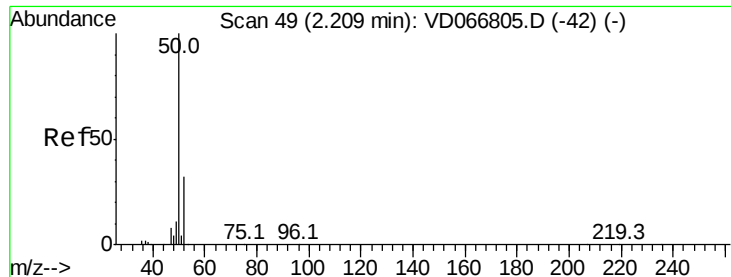
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 43.007 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

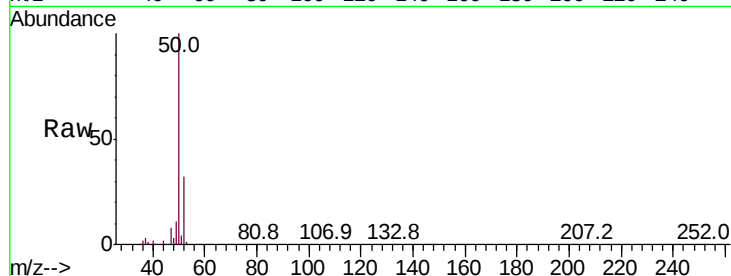
VSTDCCC050

Tot Ion: 50 Resp: 157808

Ion Ratio Lower Upper

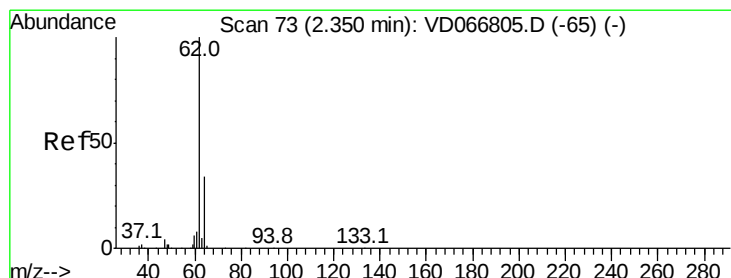
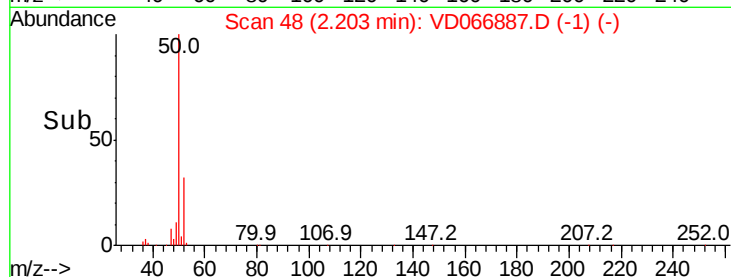
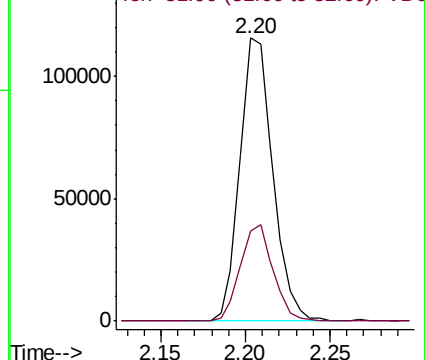
50 100

52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.969 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066887.D

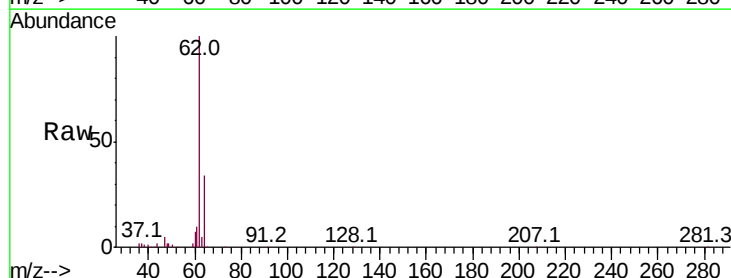
Acq: 25 Sep 2020 22:33

Tgt Ion: 62 Resp: 152141

Ion Ratio Lower Upper

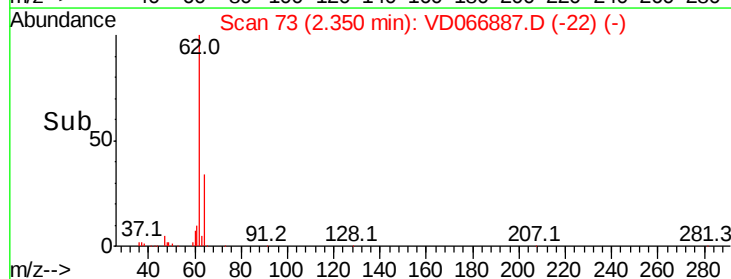
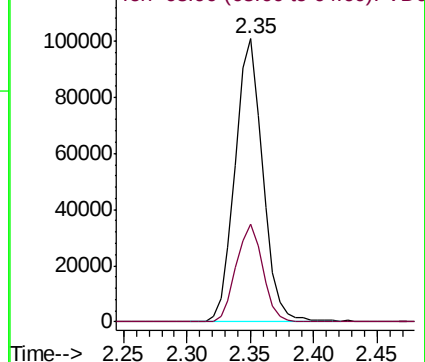
62 100

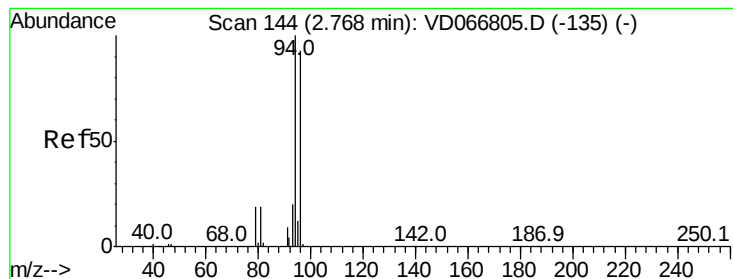
64 34.4 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 46.501 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

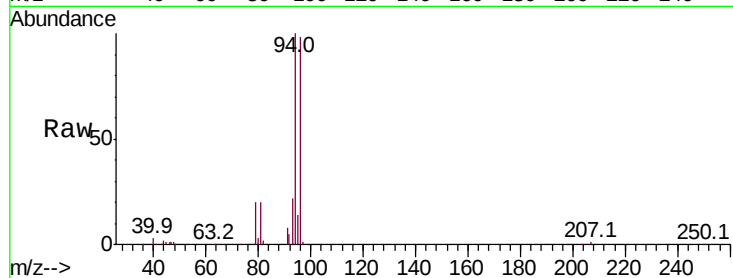
VSTDCCC050

Tot Ion: 94 Resp: 118483

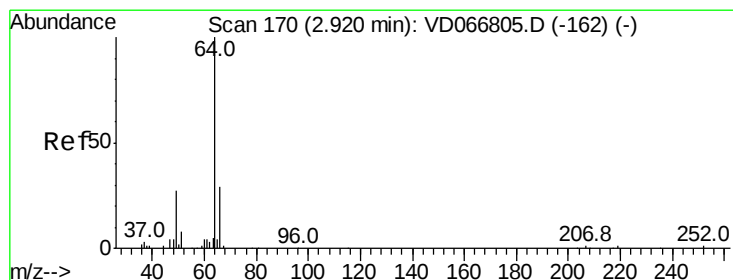
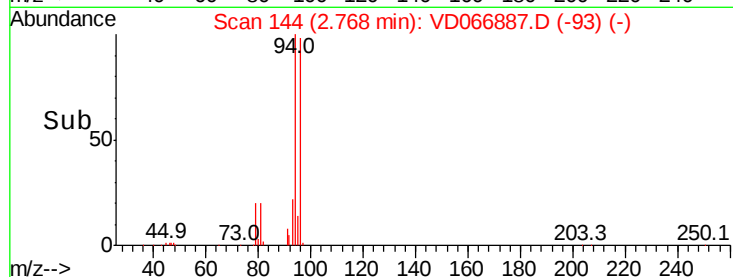
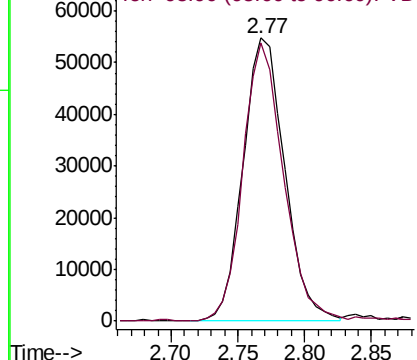
Ion Ratio Lower Upper

94 100

96 98.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.671 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066887.D

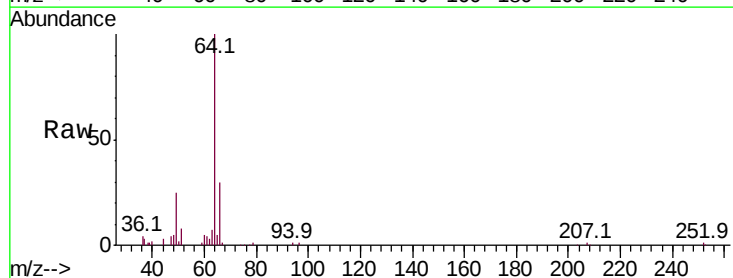
Acq: 25 Sep 2020 22:33

Tgt Ion: 64 Resp: 102812

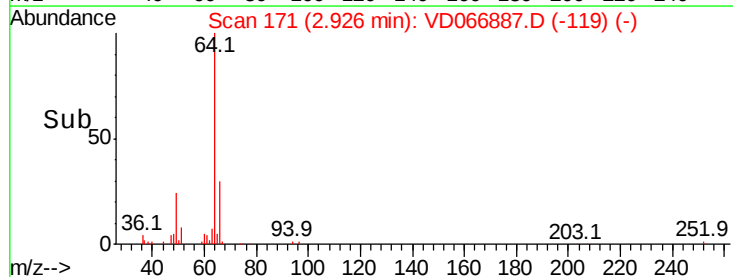
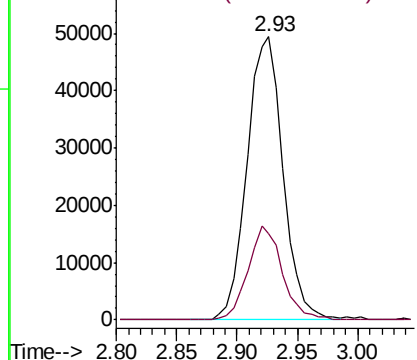
Ion Ratio Lower Upper

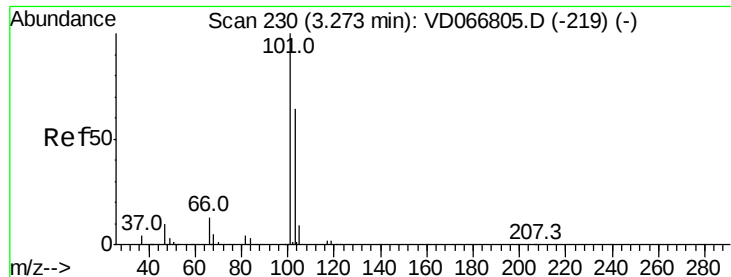
64 100

66 30.3 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



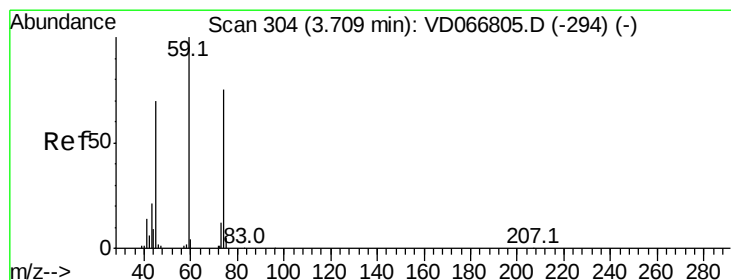
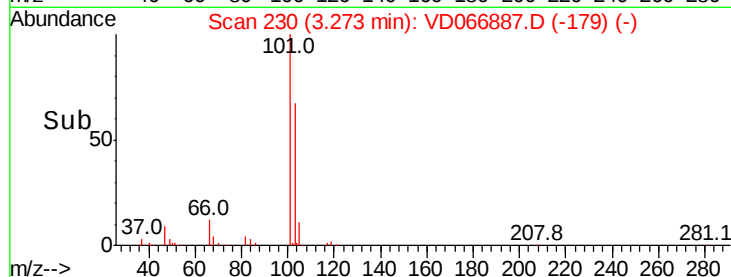
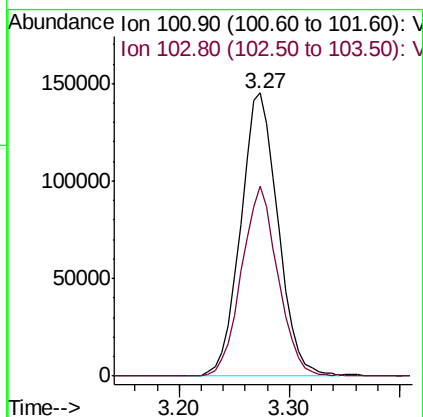
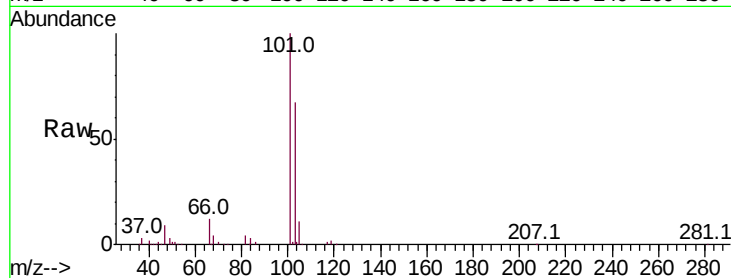


#7

Trichlorofluoromethane
 Concen: 46.286 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

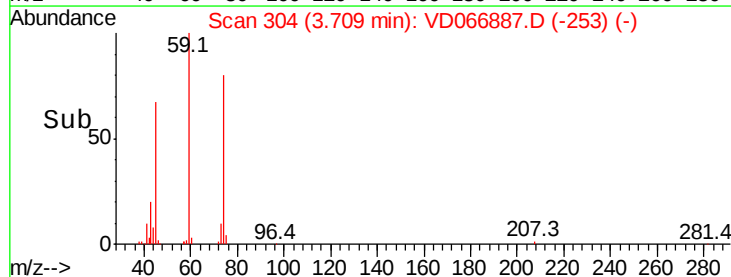
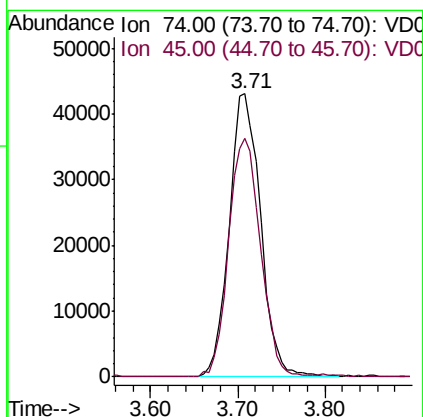
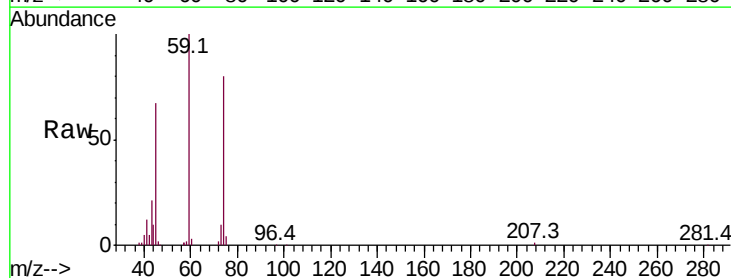
Tot Ion:101 Resp: 344593
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.0 76.6

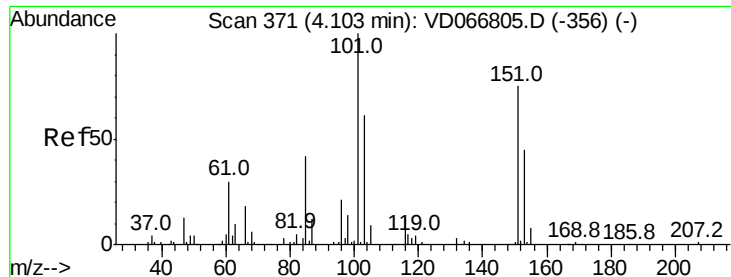


#8

Diethyl Ether
 Concen: 55.404 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 74 Resp: 104717
 Ion Ratio Lower Upper
 74 100
 45 85.6 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.599 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

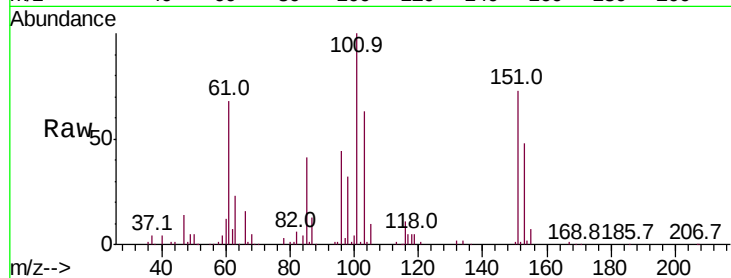
Tot Ion:101 Resp: 201169

Ion Ratio Lower Upper

101 100

85 42.8 35.4 53.2

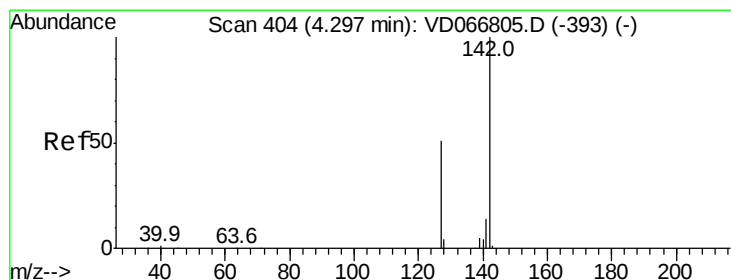
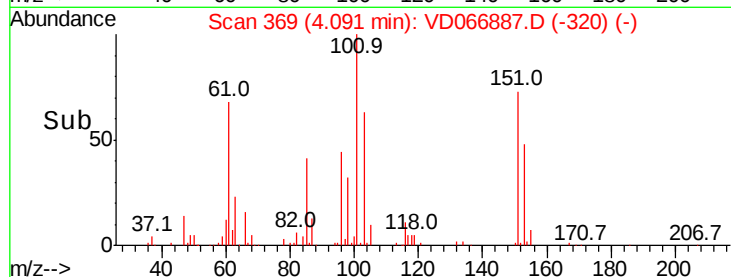
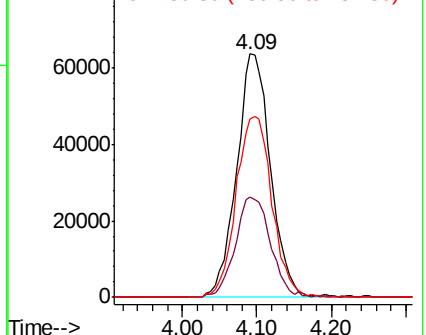
151 78.5 61.4 92.0



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: 54.903 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

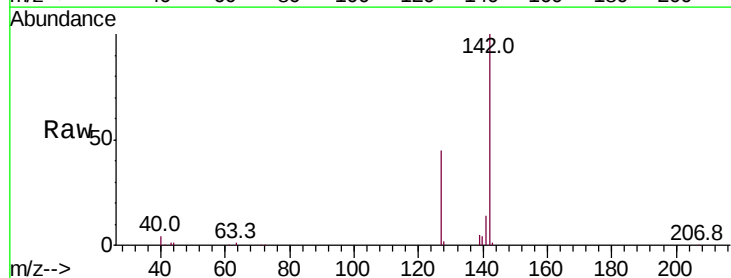
Tgt Ion:142 Resp: 209151

Ion Ratio Lower Upper

142 100

127 46.2 39.4 59.0

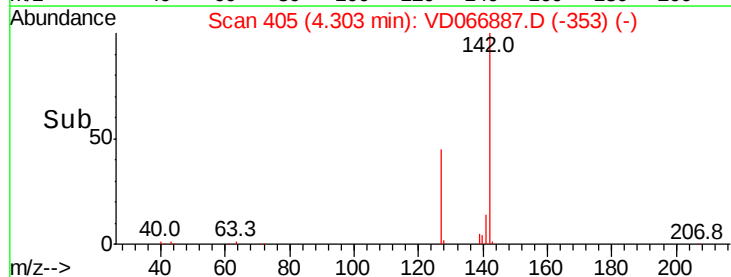
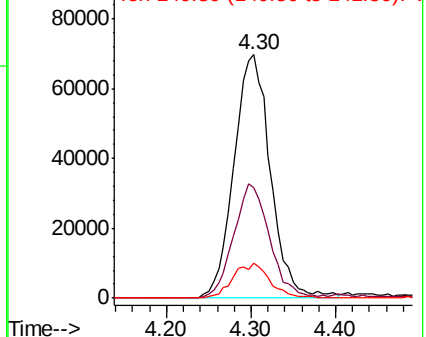
141 14.5 12.1 18.1

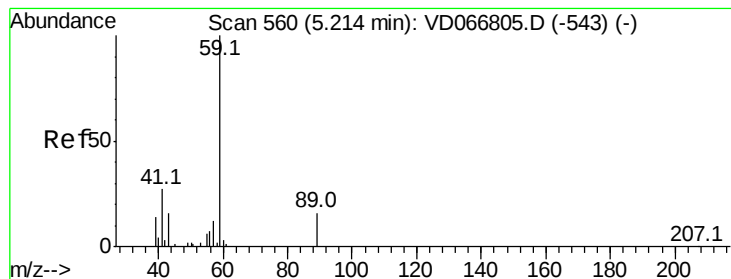


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 271.550 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

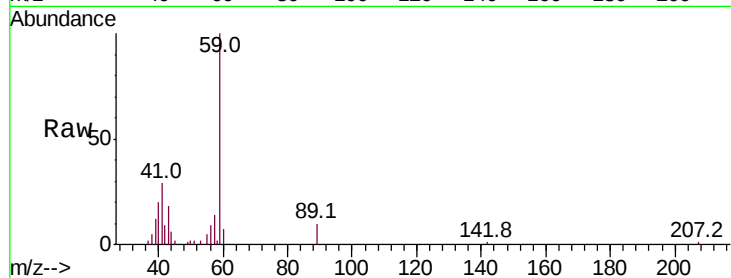
VSTDCCC050

Tot Ion: 59 Resp: 63150

Ion Ratio Lower Upper

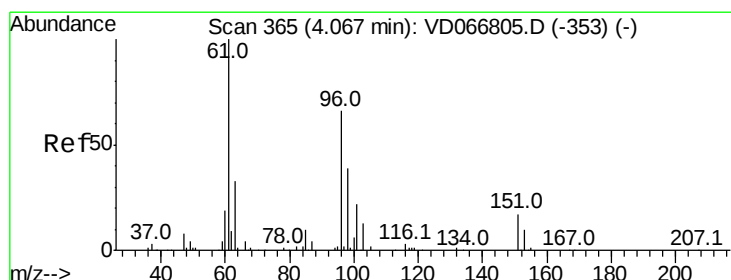
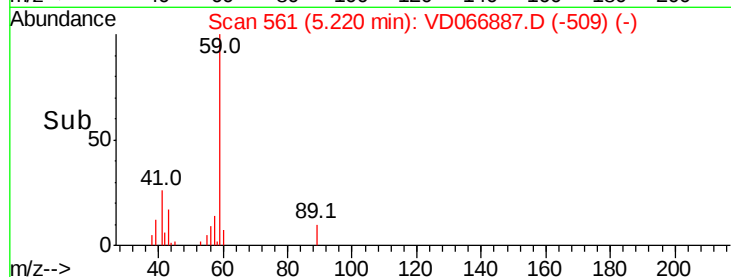
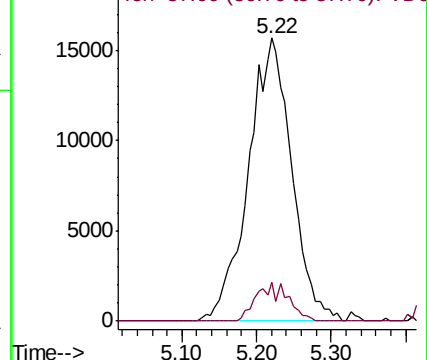
59 100

57 4.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 47.640 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

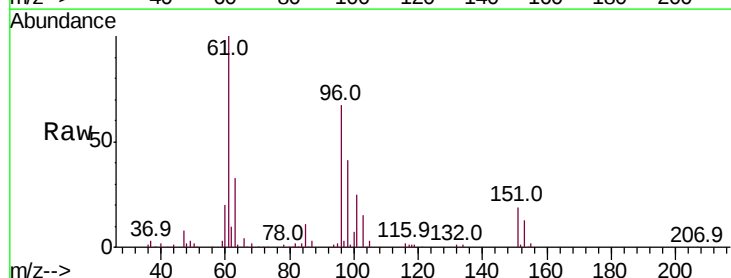
Tgt Ion: 96 Resp: 186305

Ion Ratio Lower Upper

96 100

61 149.8 120.8 181.2

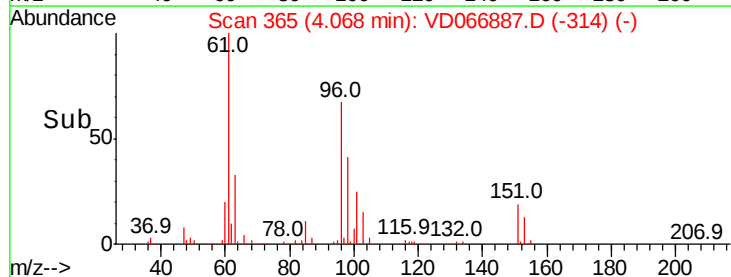
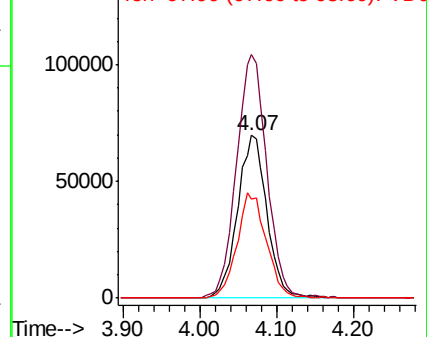
98 60.8 47.7 71.5

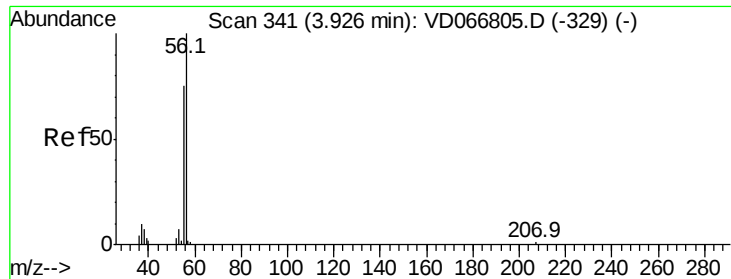


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 284.689 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

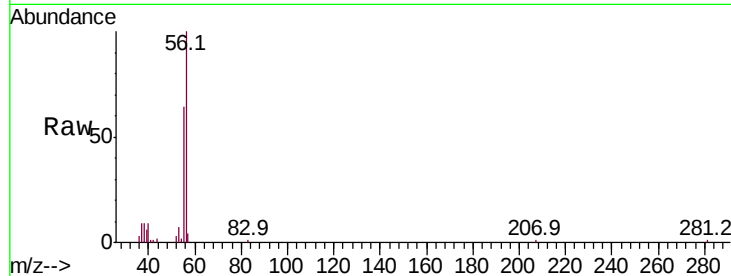
VSTDCCC050

Tot Ion: 56 Resp: 82091

Ion Ratio Lower Upper

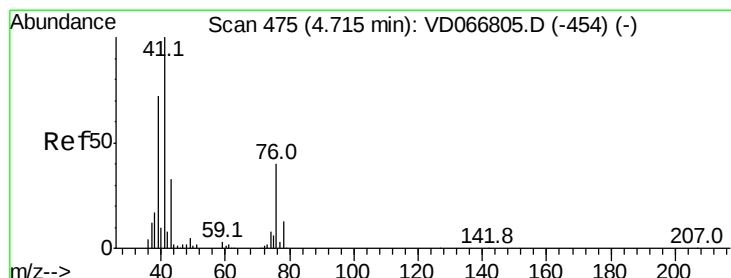
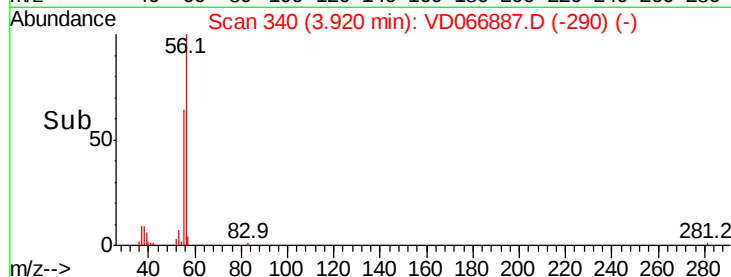
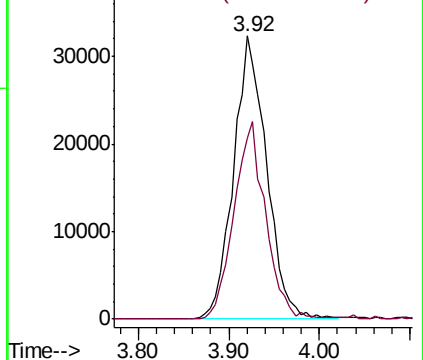
56 100

55 66.5 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.477 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

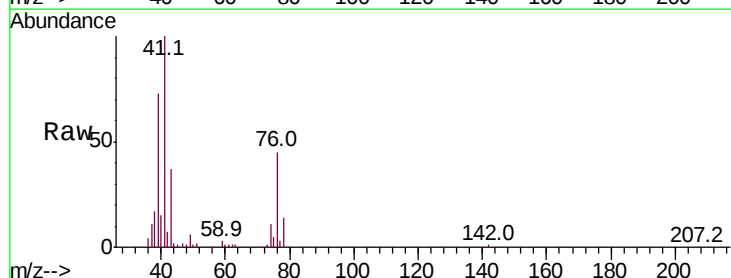
Tgt Ion: 41 Resp: 278380

Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.8

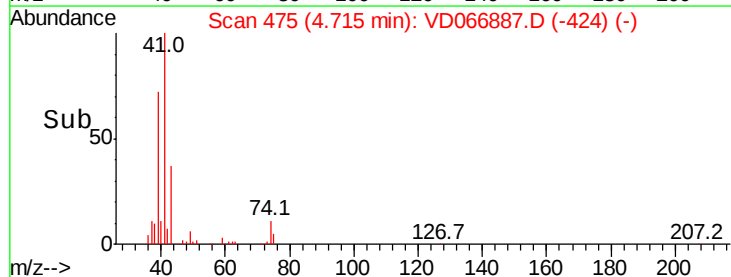
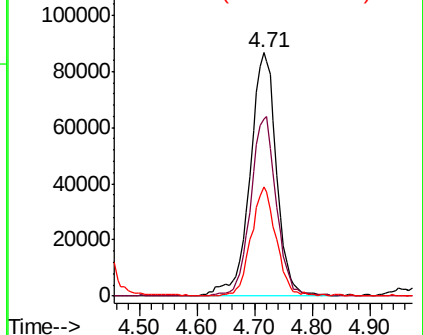
76 42.2 30.9 46.3

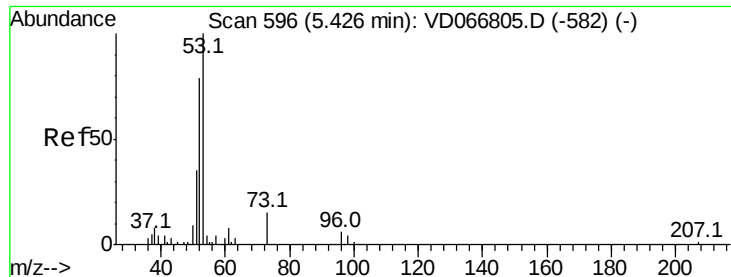


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 259.600 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

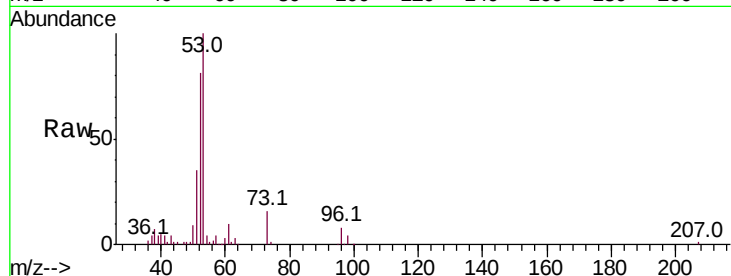
Tot Ion: 53 Resp: 217440

Ion Ratio Lower Upper

53 100

52 82.5 65.2 97.8

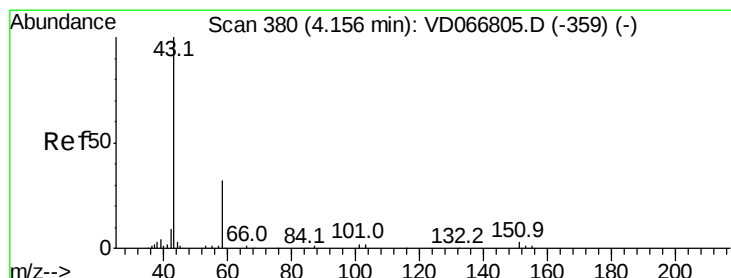
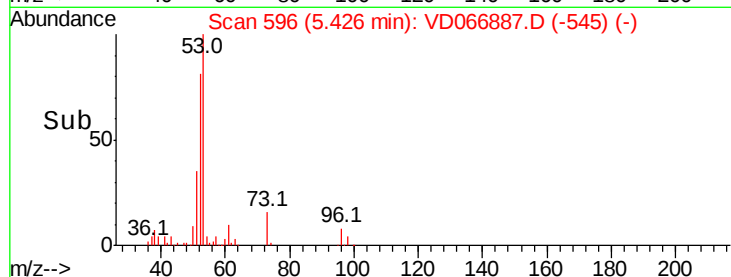
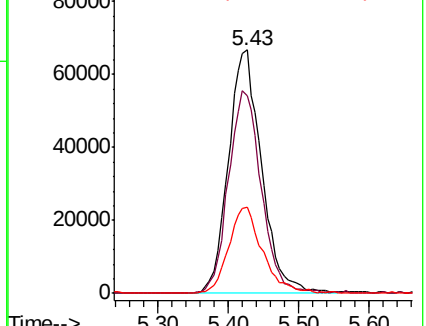
51 36.2 30.6 46.0



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: 204.439 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066887.D

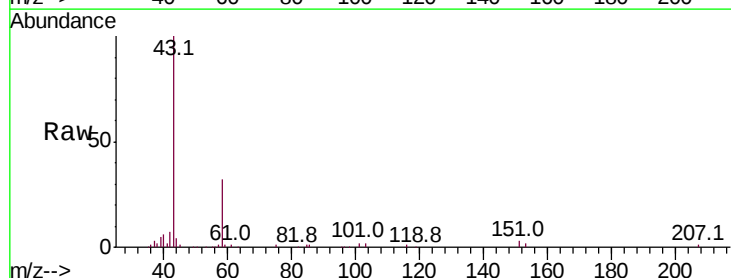
Acq: 25 Sep 2020 22:33

Tgt Ion: 43 Resp: 169520

Ion Ratio Lower Upper

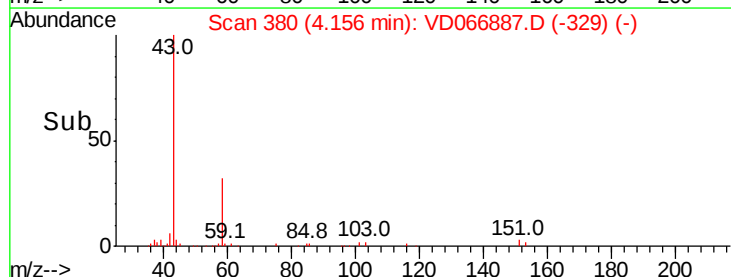
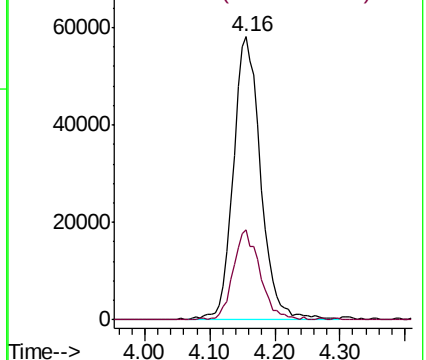
43 100

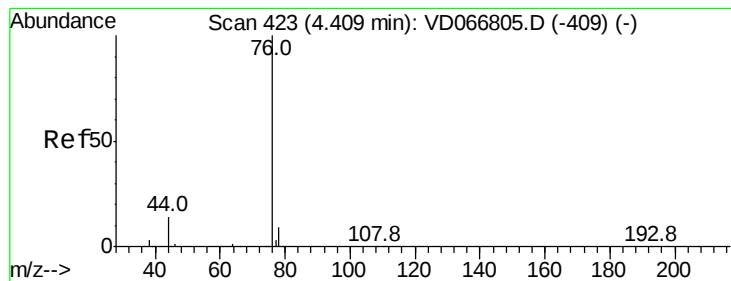
58 31.8 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 46.018 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

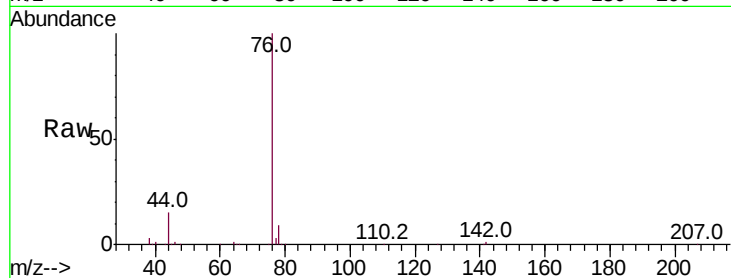
VSTDCCC050

Tot Ion: 76 Resp: 550195

Ion Ratio Lower Upper

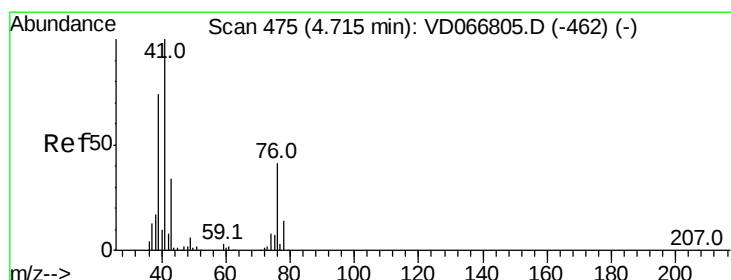
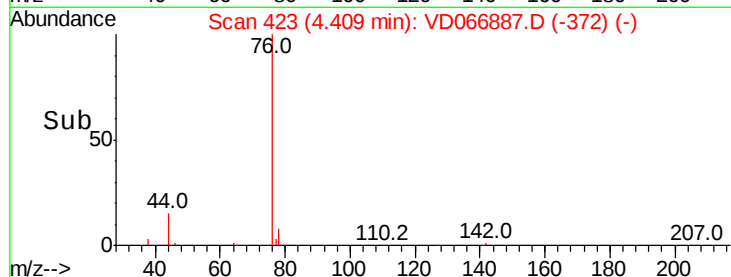
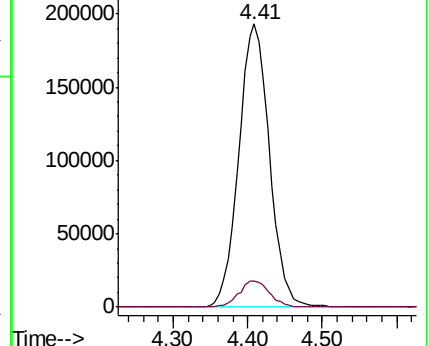
76 100

78 9.0 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 57.317 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066887.D

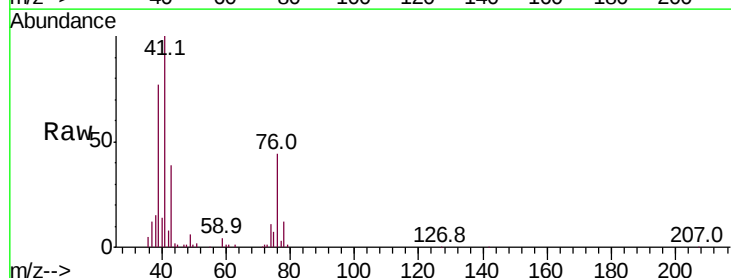
Acq: 25 Sep 2020 22:33

Tgt Ion: 43 Resp: 105062

Ion Ratio Lower Upper

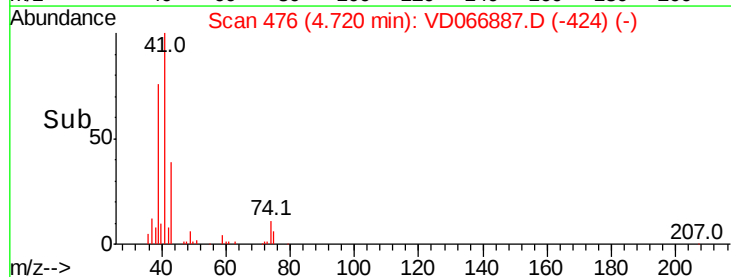
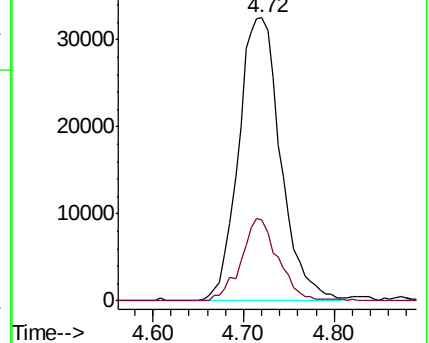
43 100

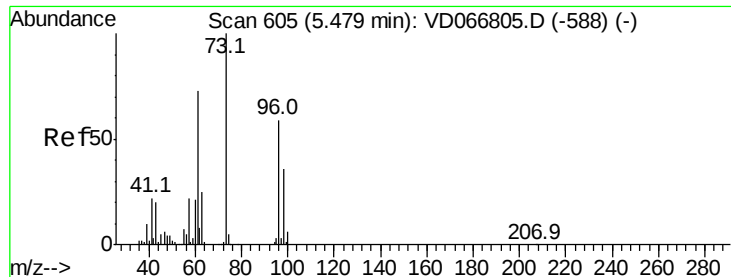
74 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



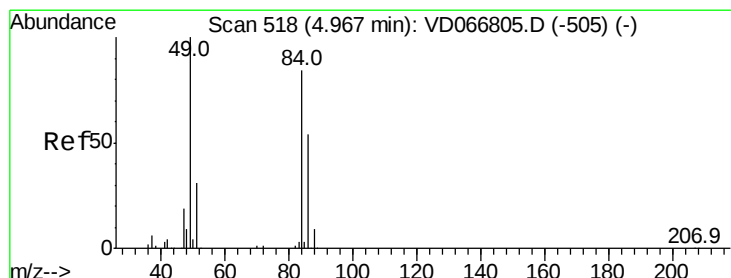
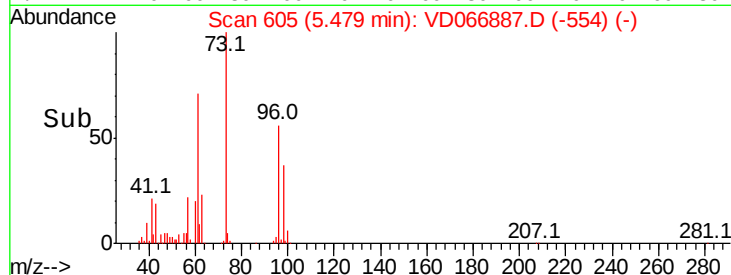
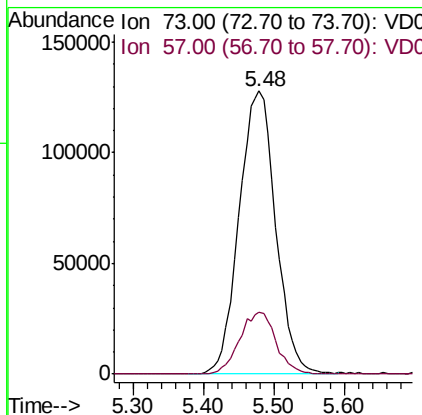
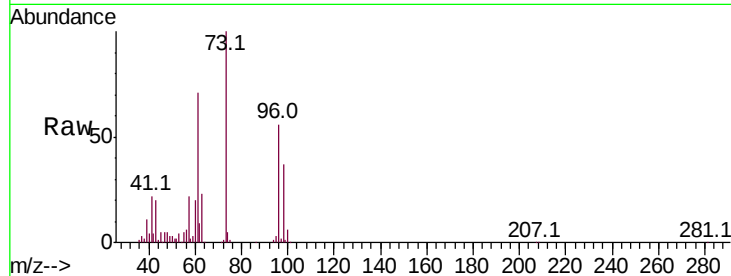


#19

Methyl tert-butyl Ether
 Concen: 54.329 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

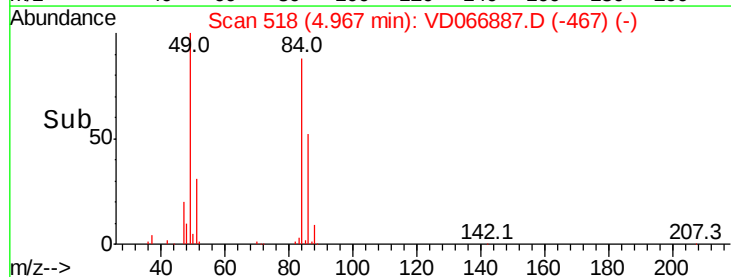
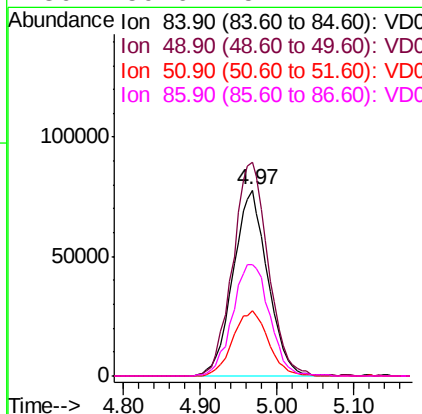
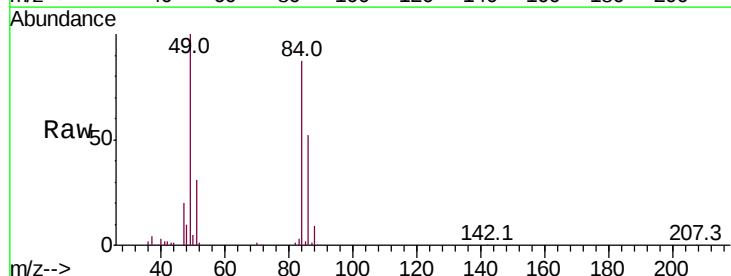
Tot Ion: 73 Resp: 461402
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.4 26.2

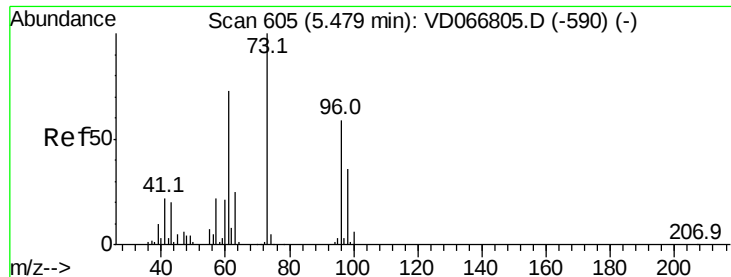


#20

Methylene Chloride
 Concen: 55.318 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 84 Resp: 244786
 Ion Ratio Lower Upper
 84 100
 49 114.7 95.4 143.2
 51 35.1 29.7 44.5
 86 59.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.737 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

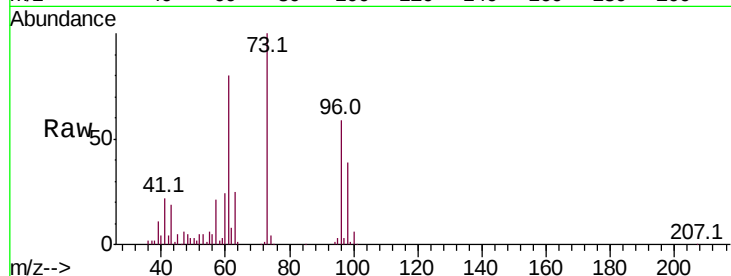
Tot Ion: 96 Resp: 229744

Ion Ratio Lower Upper

96 100

61 136.6 98.9 148.3

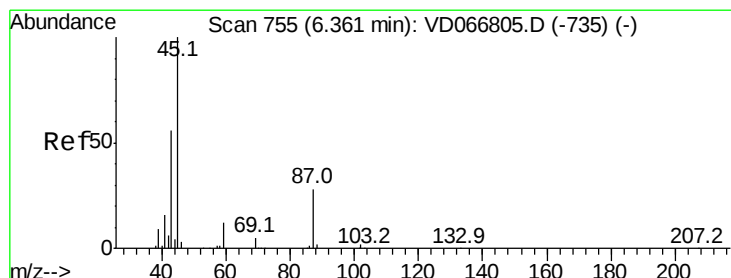
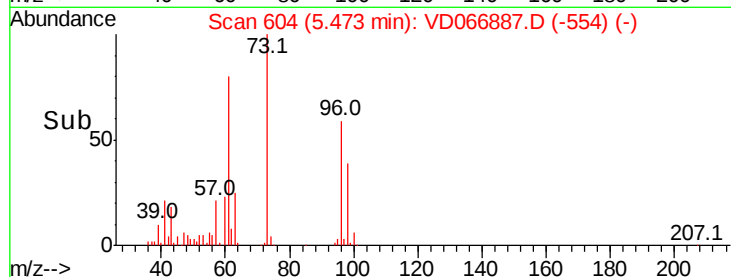
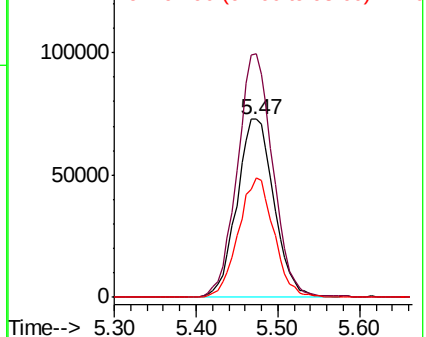
98 66.9 48.4 72.6



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: 52.294 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion: 45 Resp: 617443

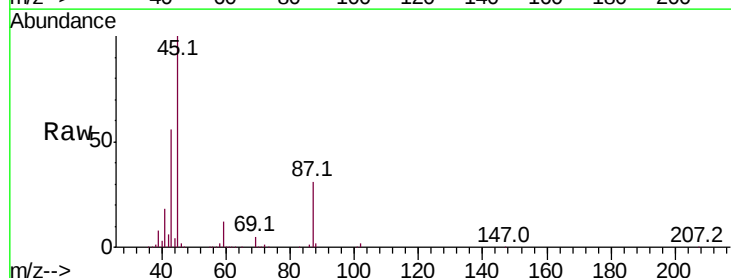
Ion Ratio Lower Upper

45 100

43 54.8 44.5 66.7

87 30.7 22.9 34.3

59 11.6 9.4 14.0

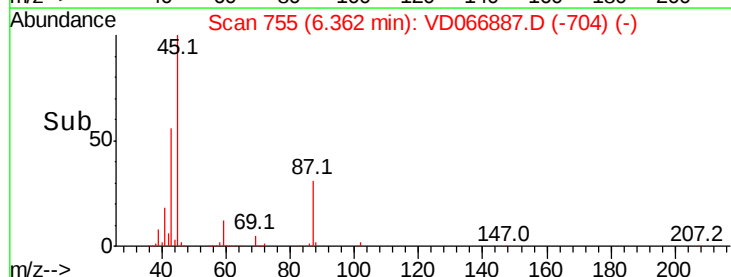
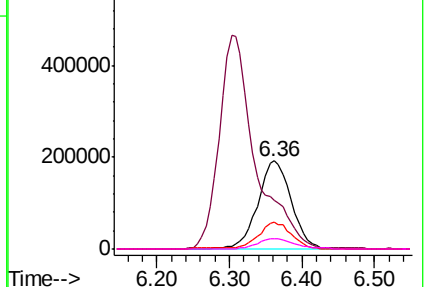


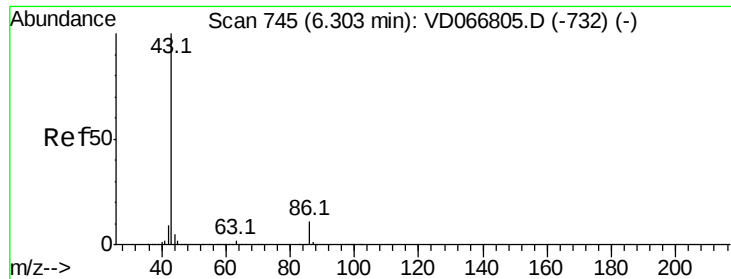
Abundance Ion 45.00 (44.70 to 45.70): VDC

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

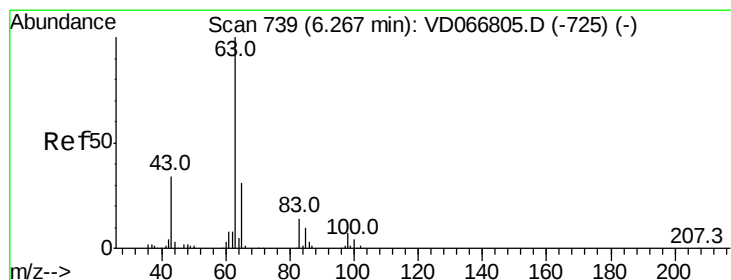
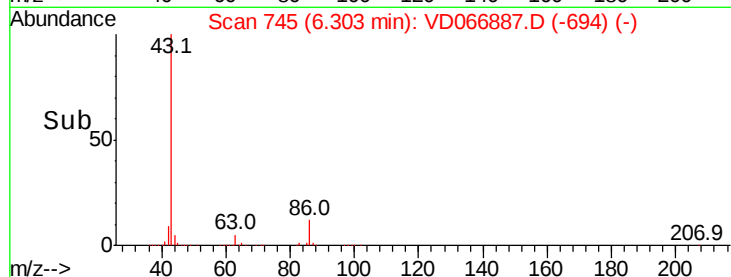
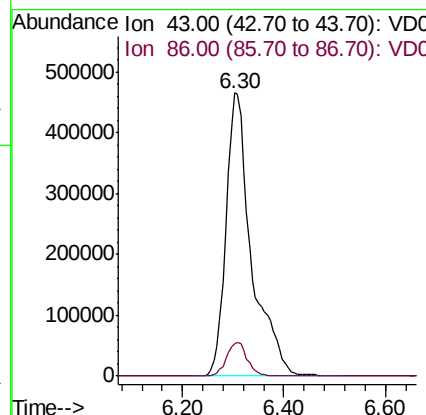
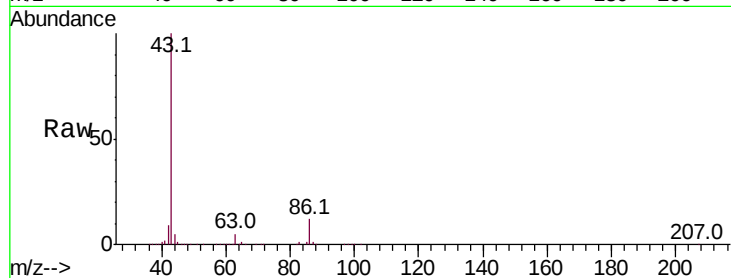




#23
 Vinyl Acetate
 Concen: 253.394 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

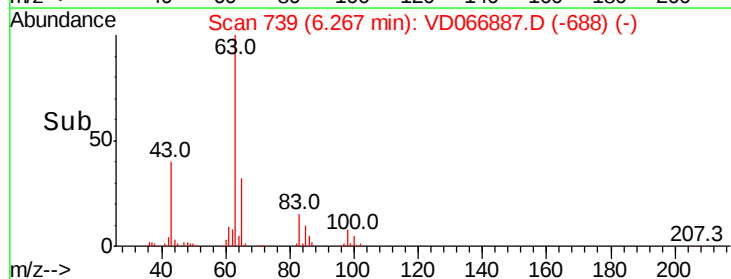
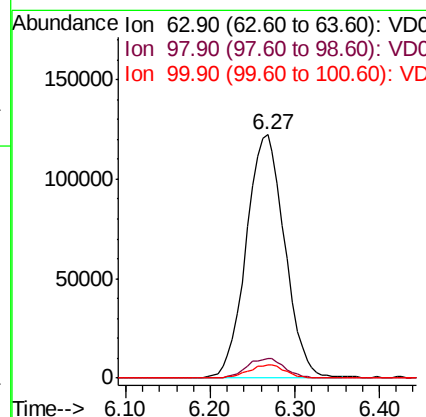
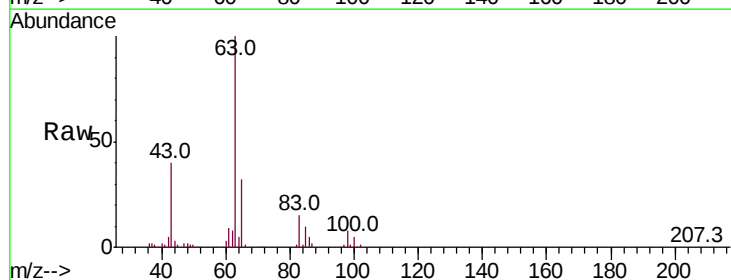
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

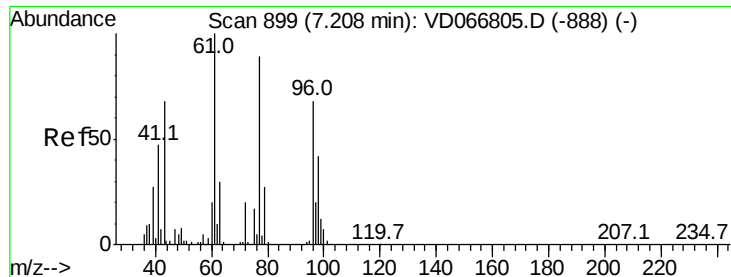
Tot Ion: 43 Resp: 1624600
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.007 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 63 Resp: 387100
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 5.4 1.8 5.5





#25

2-Butanone

Concen: 254.802 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

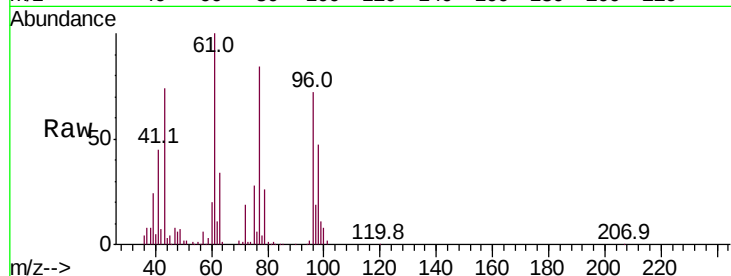
VSTDCCC050

Tot Ion: 43 Resp: 253903

Ion Ratio Lower Upper

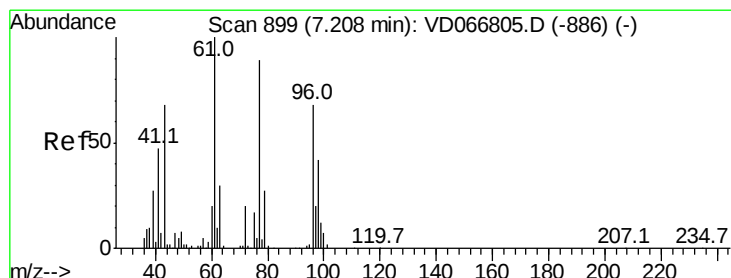
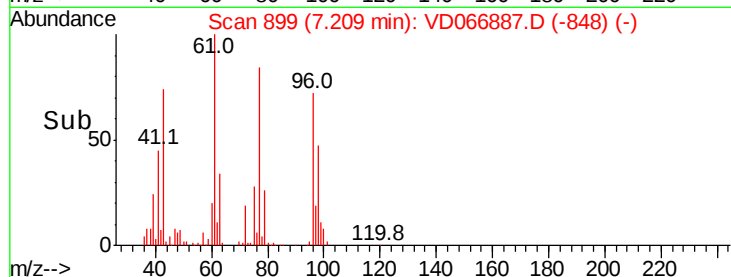
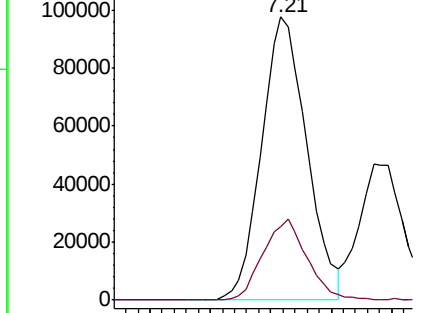
43 100

72 25.9 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.742 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066887.D

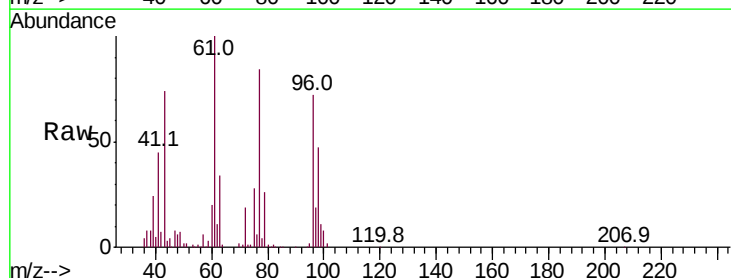
Acq: 25 Sep 2020 22:33

Tgt Ion: 77 Resp: 323921

Ion Ratio Lower Upper

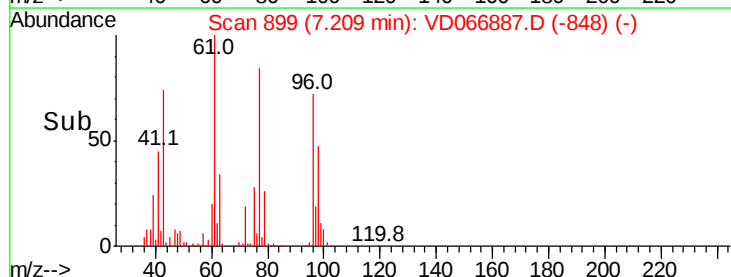
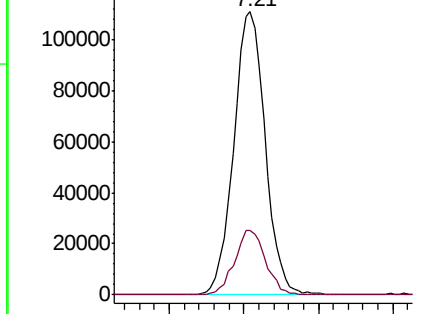
77 100

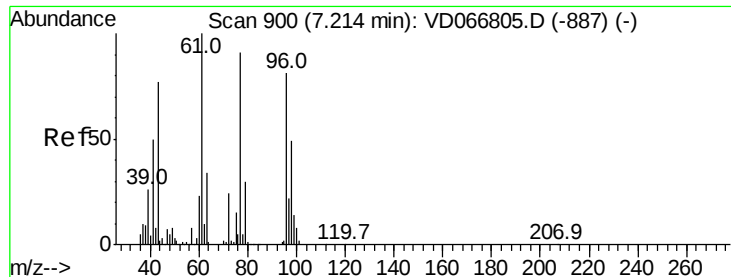
97 22.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



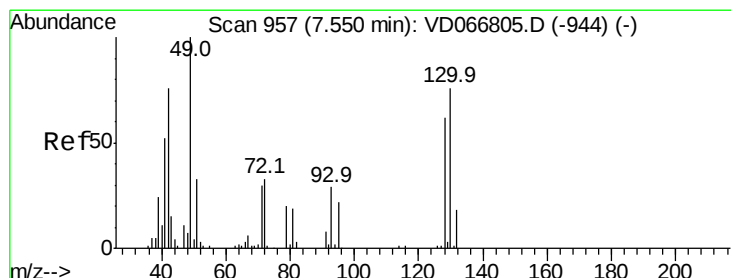
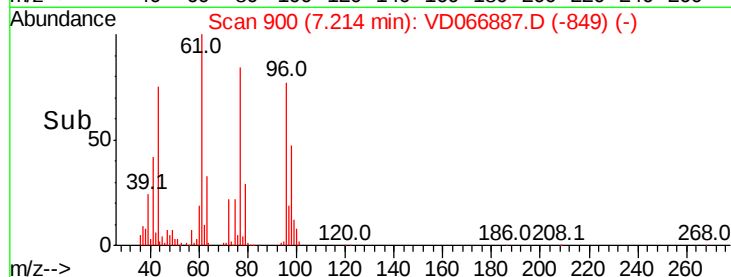
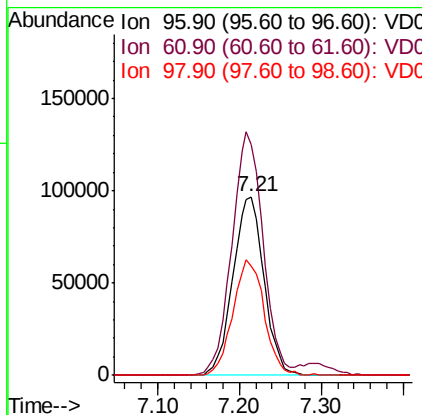
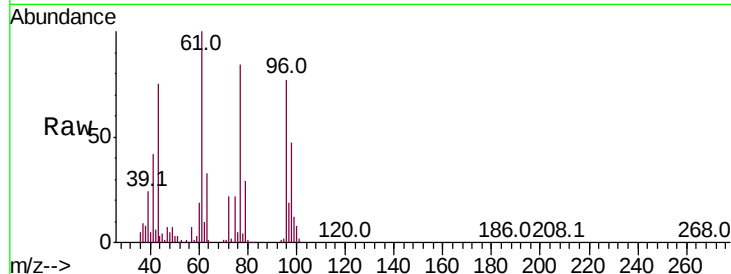


#27

cis-1,2-Dichloroethene
 Concen: 52.086 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

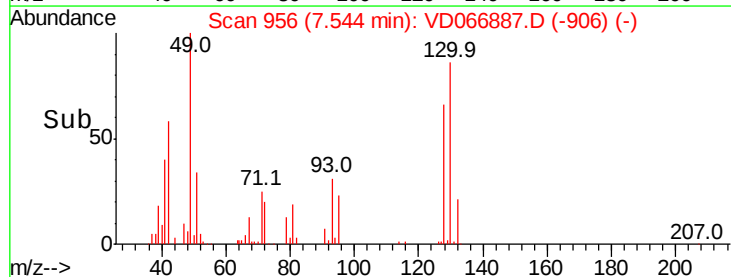
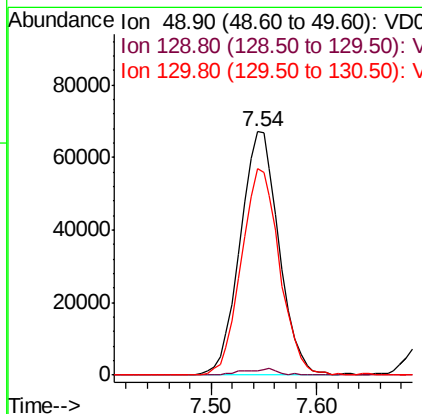
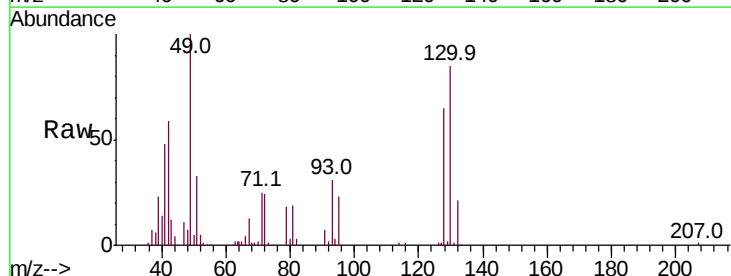
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	283.8
98	64.9	0.0	128.4

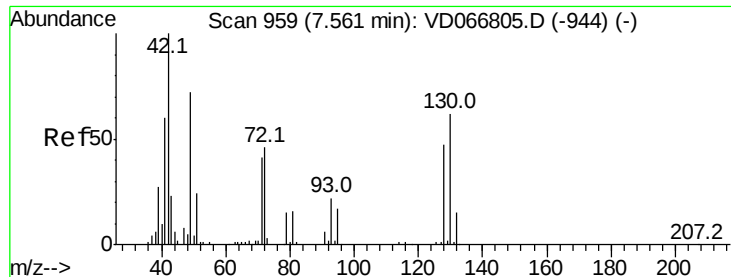


#28

Bromochloromethane
 Concen: 52.357 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.0#
130	84.1	65.9	98.9





#29

Tetrahydrofuran

Concen: 265.247 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

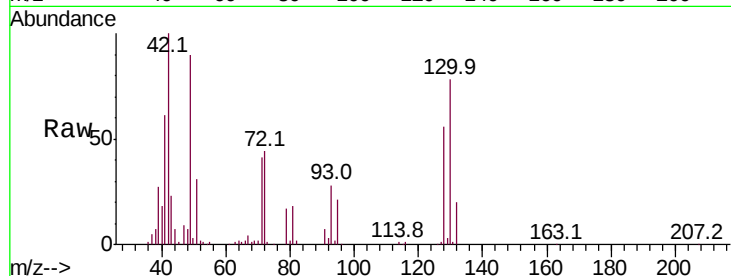
Tot Ion: 42 Resp: 169358

Ion Ratio Lower Upper

42 100

72 46.5 36.2 54.4

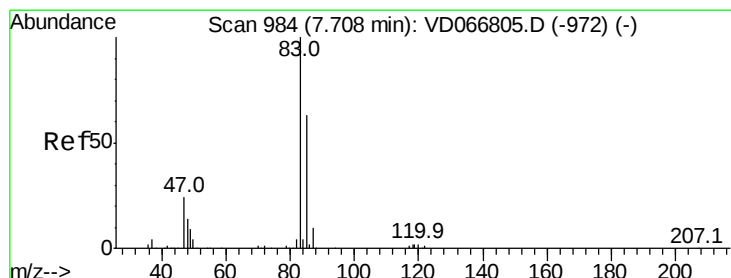
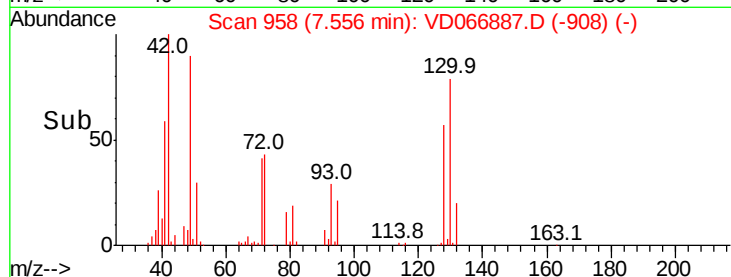
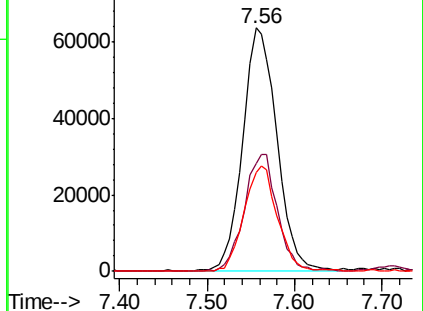
71 41.9 32.4 48.6



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: 50.017 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066887.D

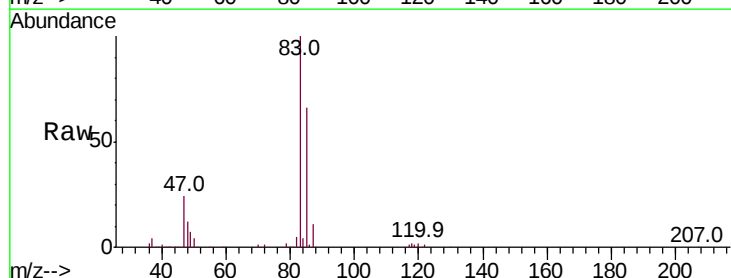
Acq: 25 Sep 2020 22:33

Tgt Ion: 83 Resp: 425868

Ion Ratio Lower Upper

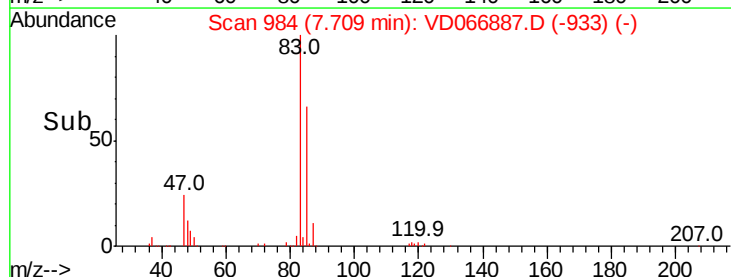
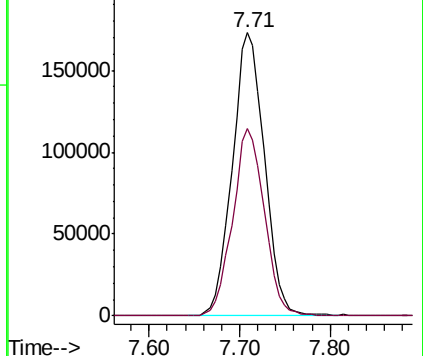
83 100

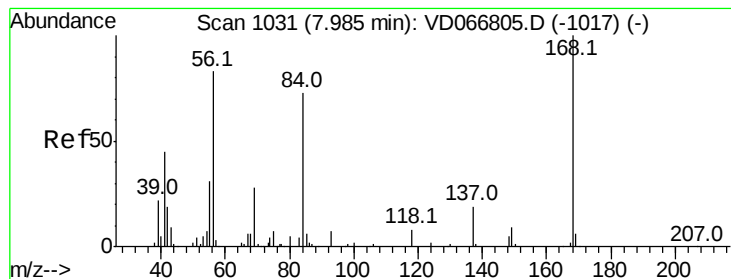
85 66.3 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 44.053 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

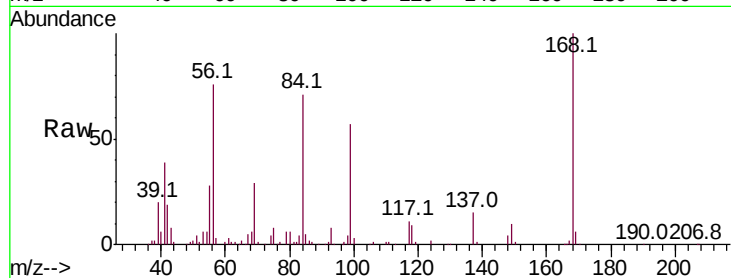
Tot Ion: 56 Resp: 313093

Ion Ratio Lower Upper

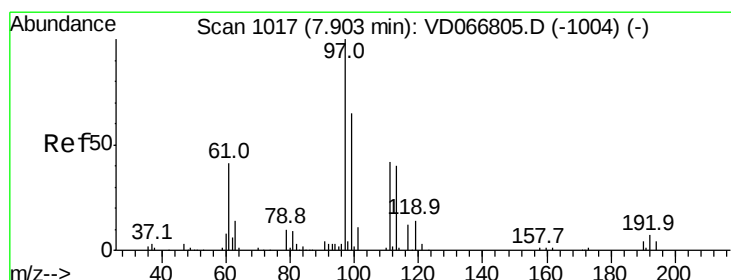
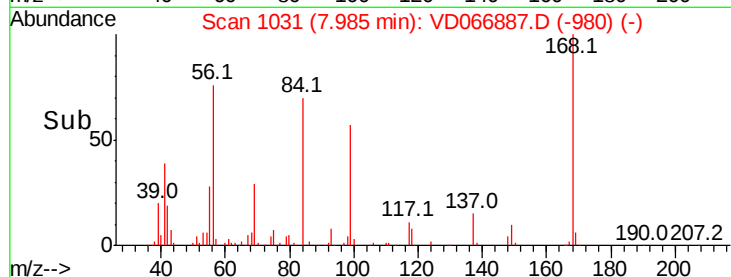
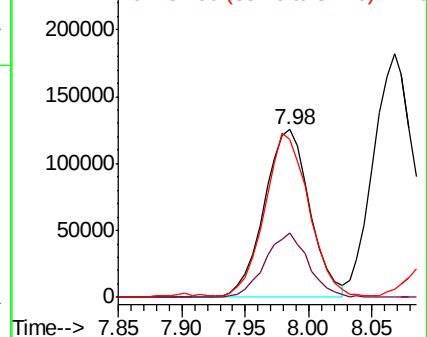
56 100

69 38.2 27.0 40.4

84 92.9 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 49.302 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

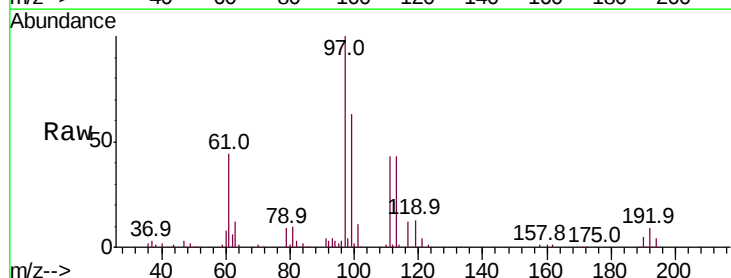
Tgt Ion: 97 Resp: 379740

Ion Ratio Lower Upper

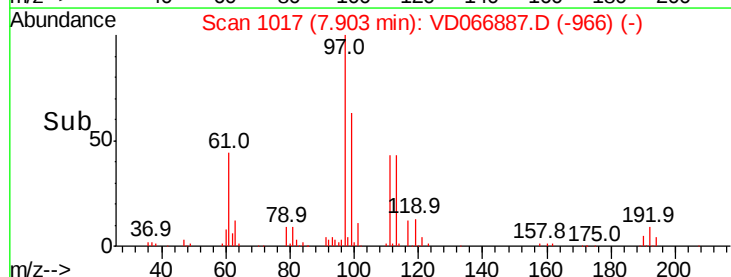
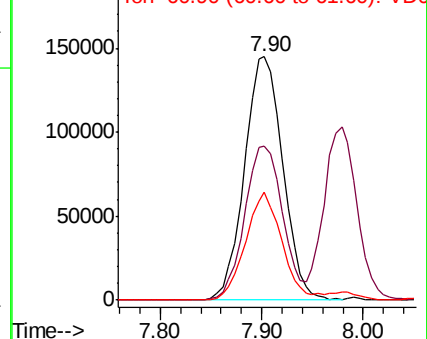
97 100

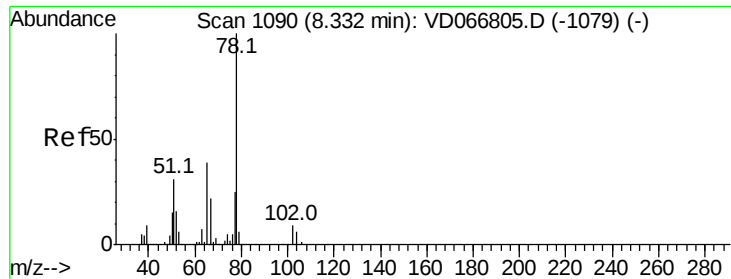
99 63.6 51.5 77.3

61 41.7 34.2 51.4



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





#33

1,2-Dichloroethane-d4

Concen: 48.350 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

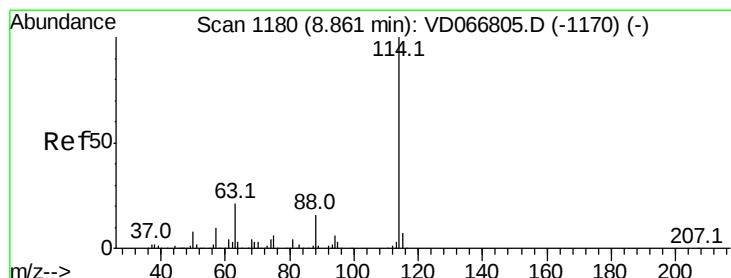
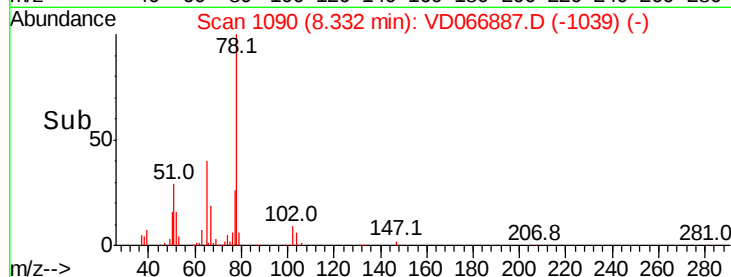
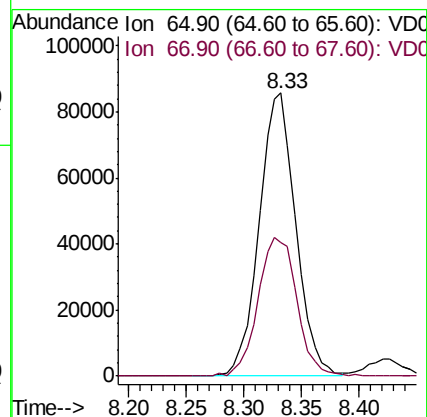
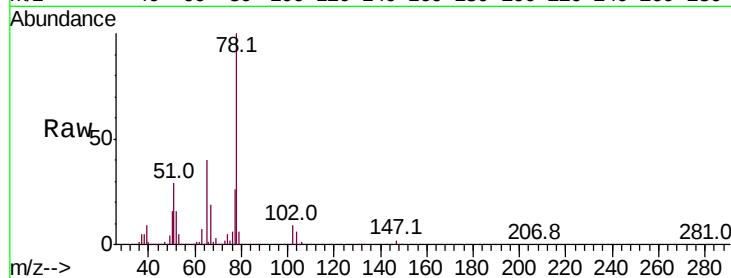
VSTDCCC050

Tot Ion: 65 Resp: 188991

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

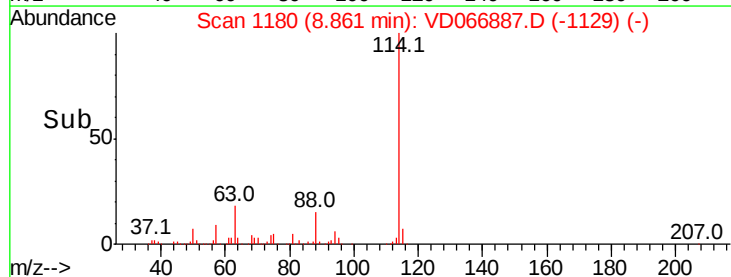
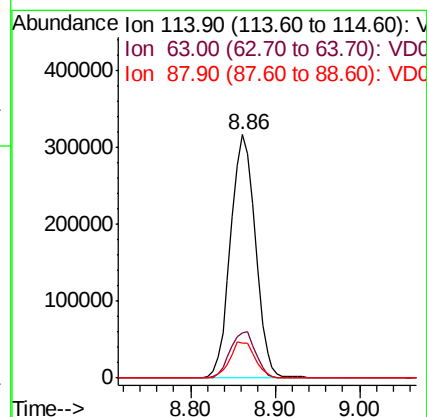
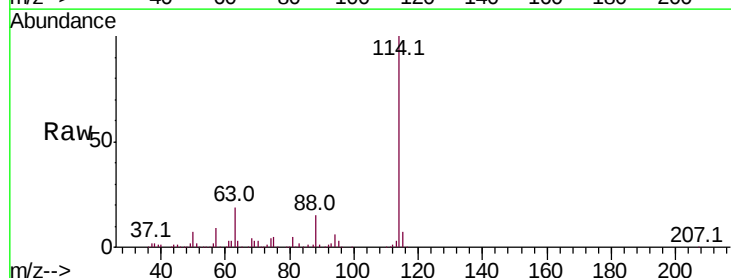
Tgt Ion: 114 Resp: 645910

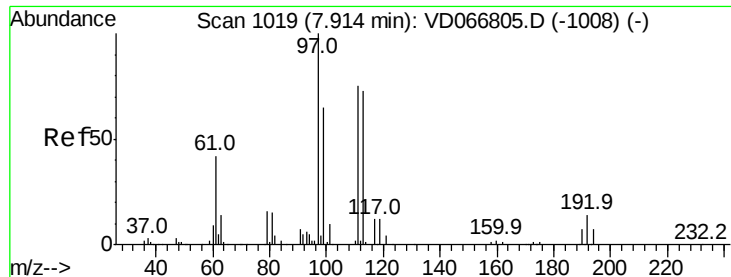
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

88 14.6 0.0 32.6

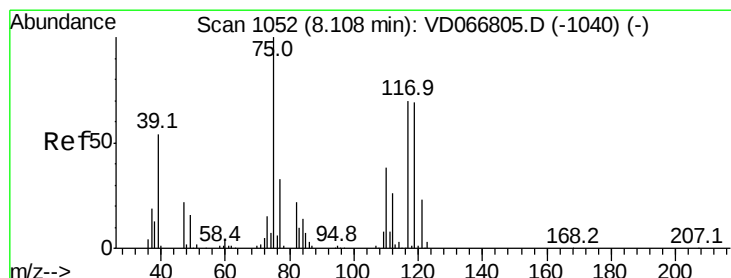
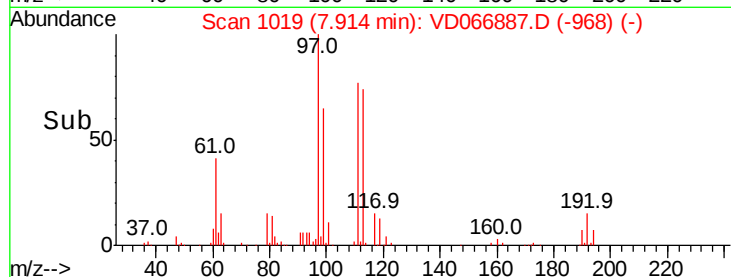
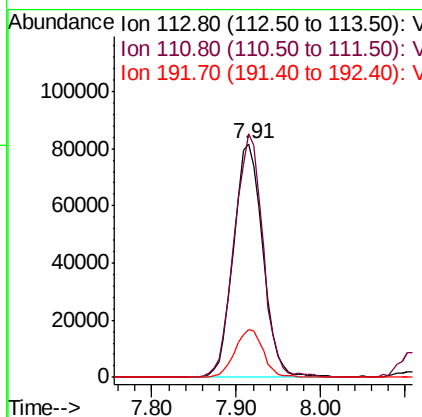
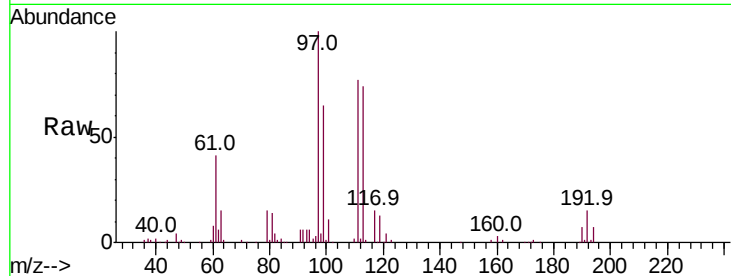




#35
 Dibromofluoromethane
 Concen: 47.632 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

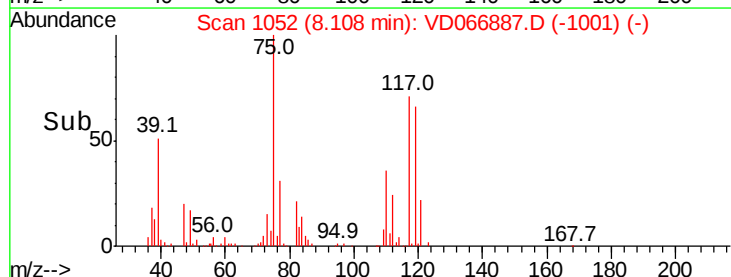
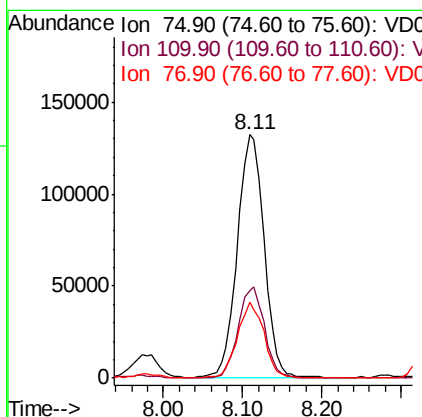
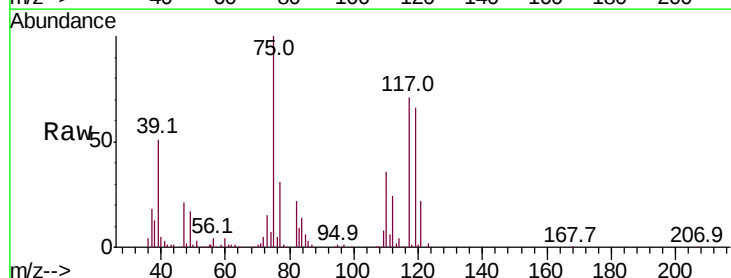
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

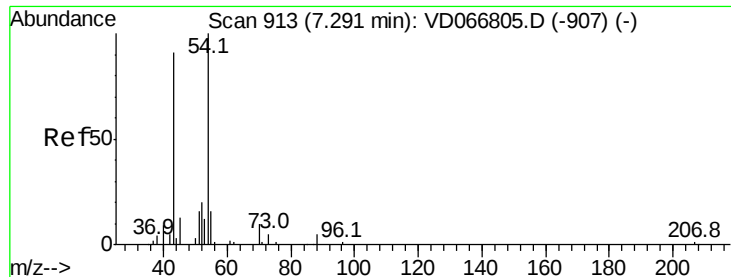
Tot Ion:113 Resp: 195733
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 19.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 48.528 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 75 Resp: 310964
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.9 53.8
 77 30.8 25.0 37.6

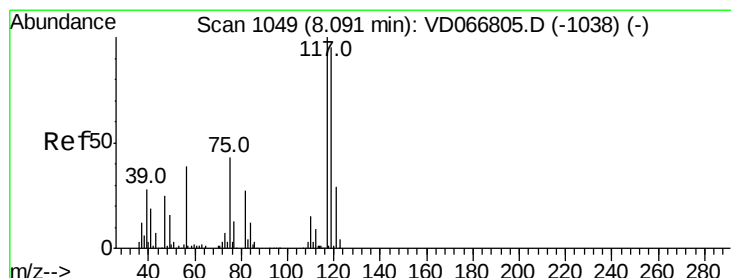
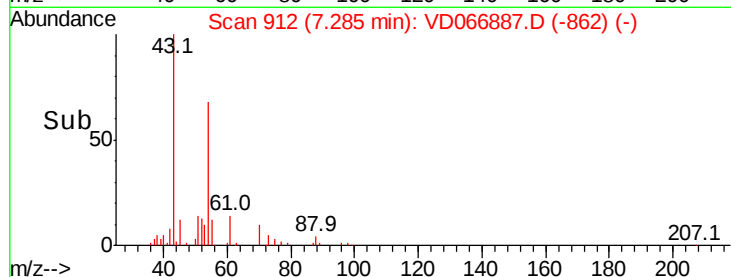
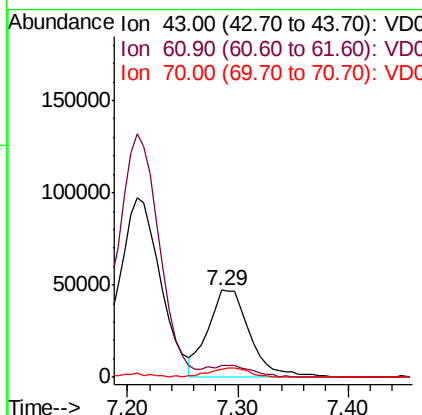
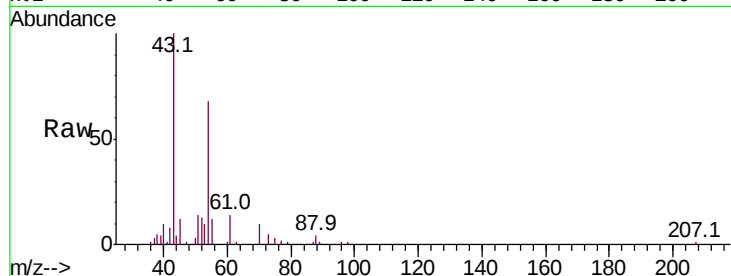




#37
Ethyl Acetate
Concen: 53.284 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

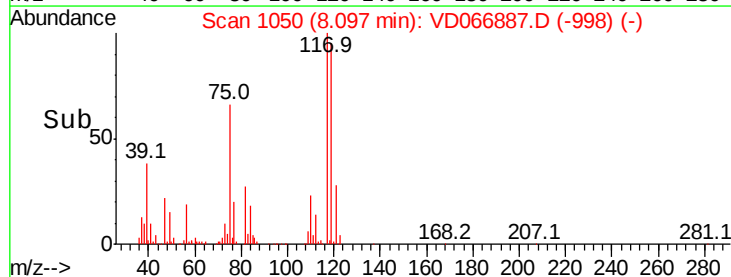
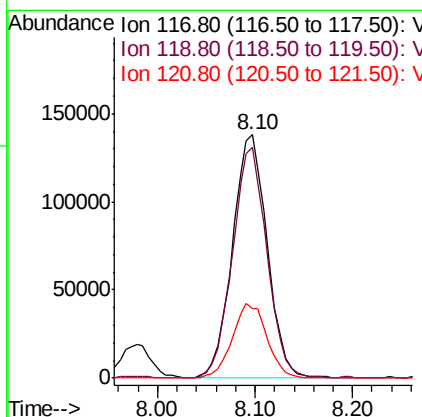
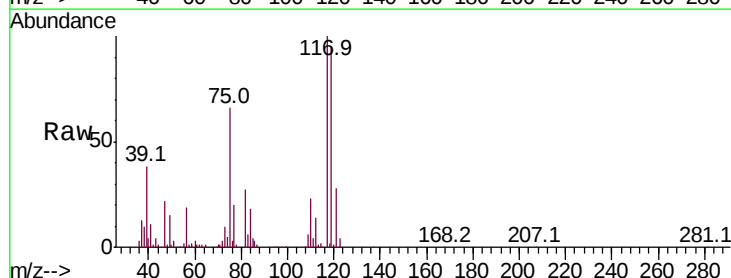
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

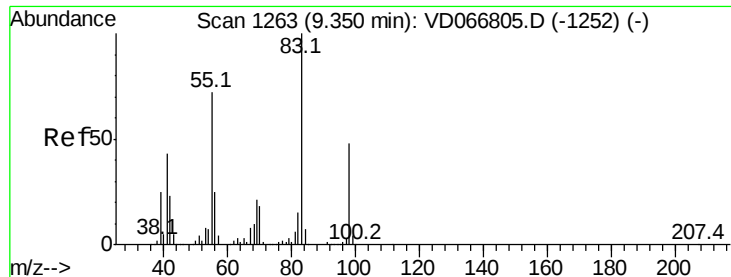
Tot Ion: 43 Resp: 123433
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.425 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 117 Resp: 339250
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 28.5 23.4 35.0

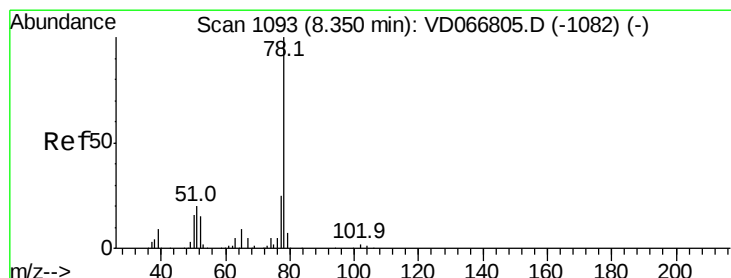
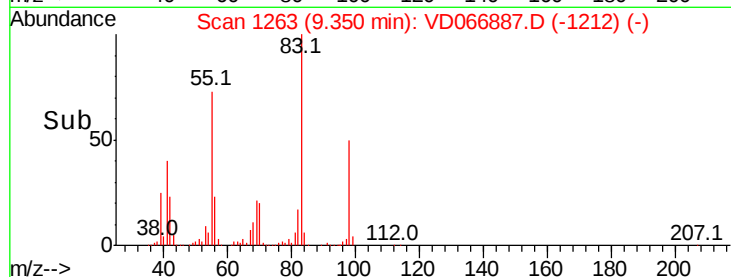
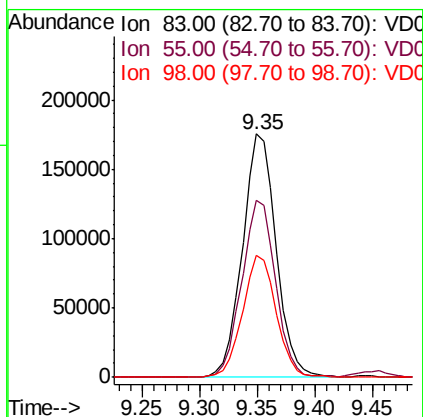
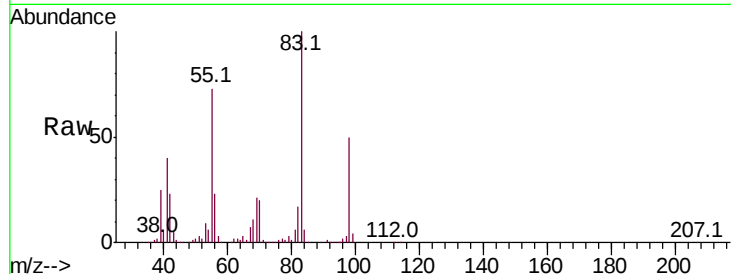




#39
Methvlcvclohexane
Concen: 48.410 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

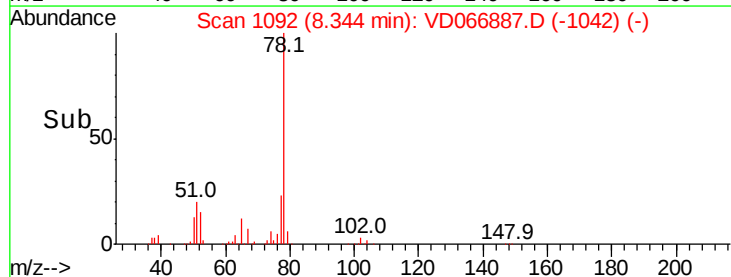
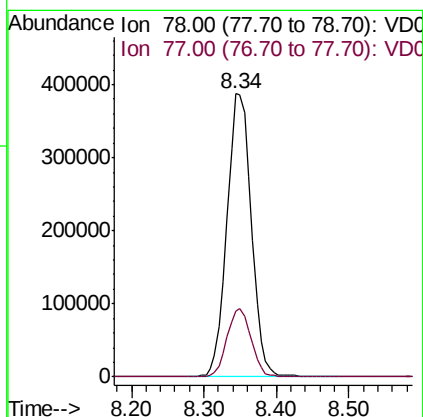
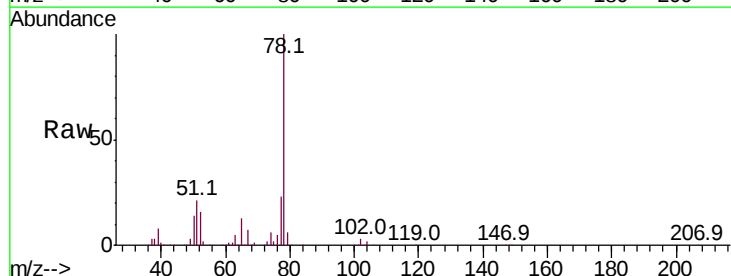
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

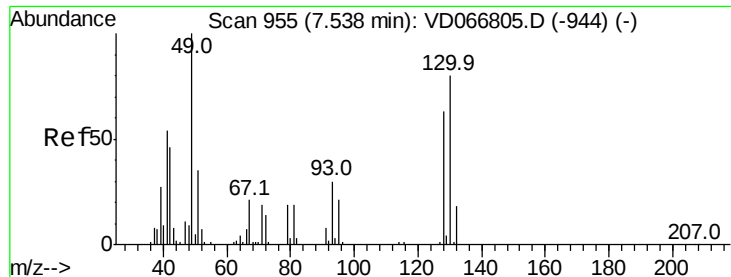
Tot Ion: 83 Resp: 356166
Ion Ratio Lower Upper
83 100
55 72.7 57.7 86.5
98 50.1 38.4 57.6



#40
Benzene
Concen: 50.860 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 78 Resp: 908303
Ion Ratio Lower Upper
78 100
77 23.3 19.9 29.9

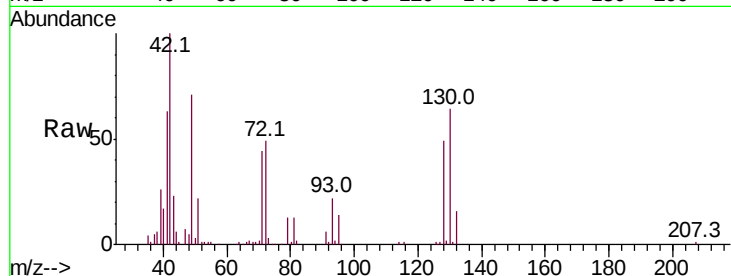




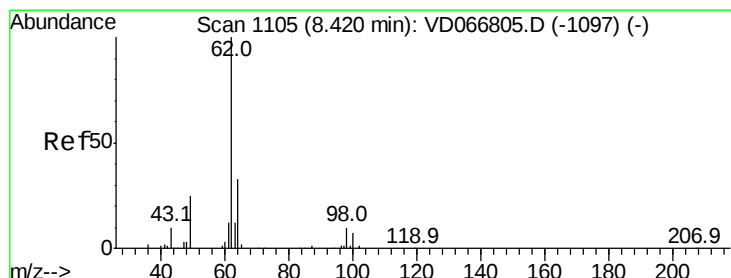
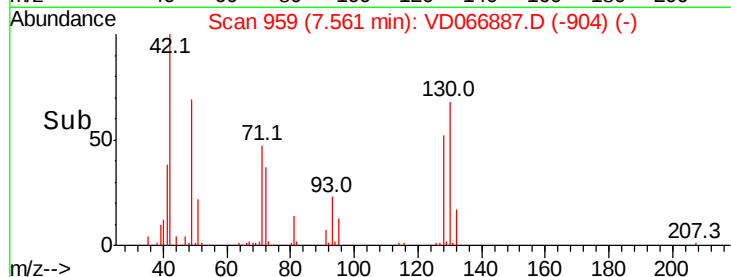
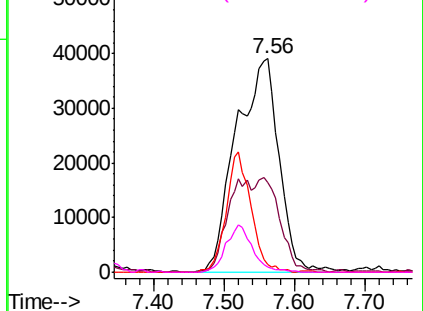
#41
Methacrylonitrile
Concen: 116.150 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	165466
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

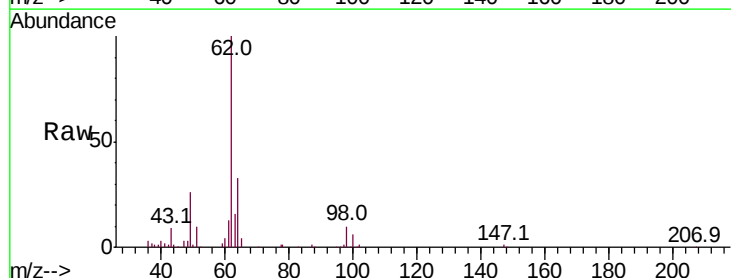


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

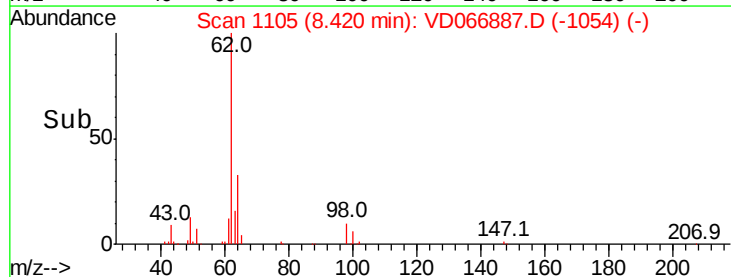
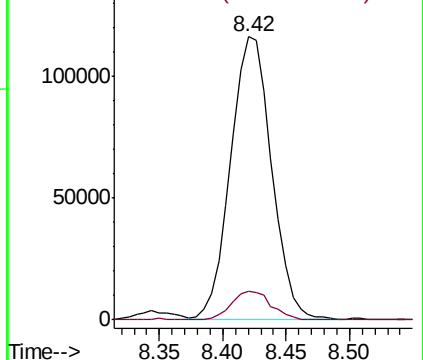


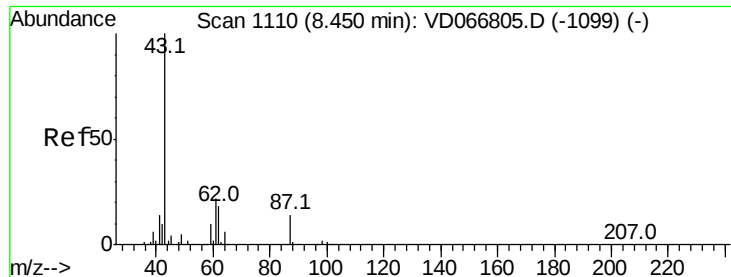
#42
1,2-Dichloroethane
Concen: 49.329 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion:	62	Resp:	260436
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 51.915 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

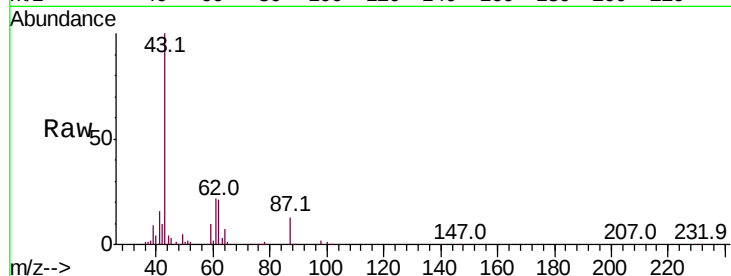
Tot Ion: 43 Resp: 231862

Ion Ratio Lower Upper

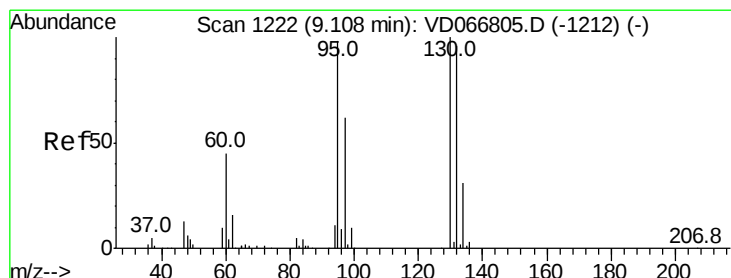
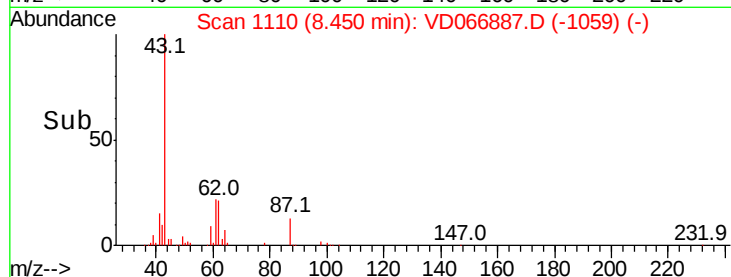
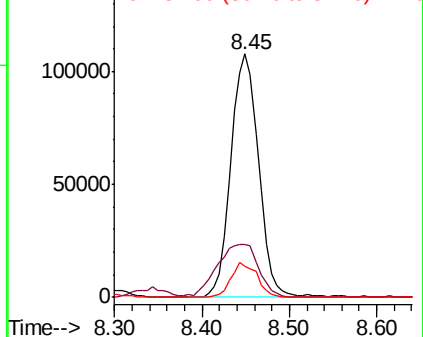
43 100

61 32.9 26.2 39.4

87 13.6 11.5 17.3



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: 50.416 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066887.D

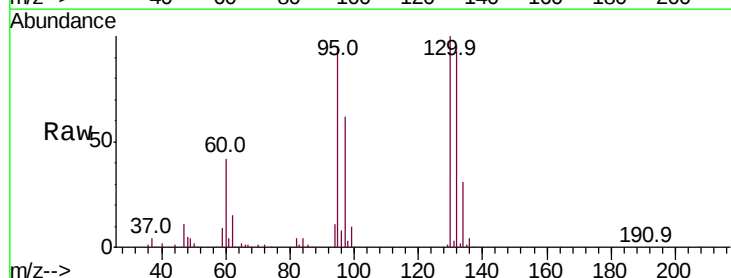
Acq: 25 Sep 2020 22:33

Tgt Ion:130 Resp: 256635

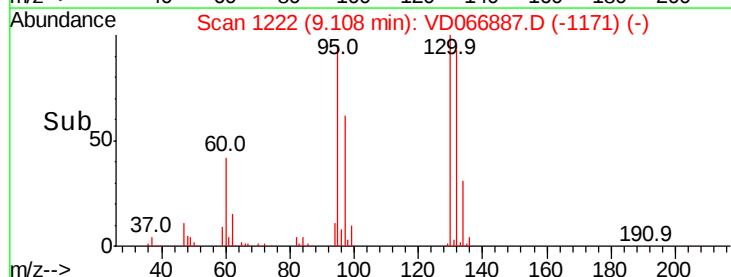
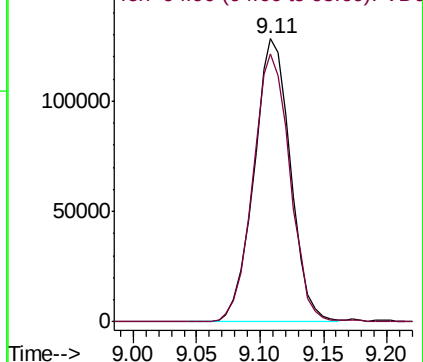
Ion Ratio Lower Upper

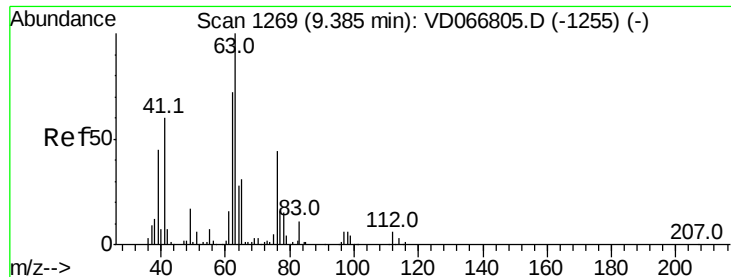
130 100

95 94.6 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VDC

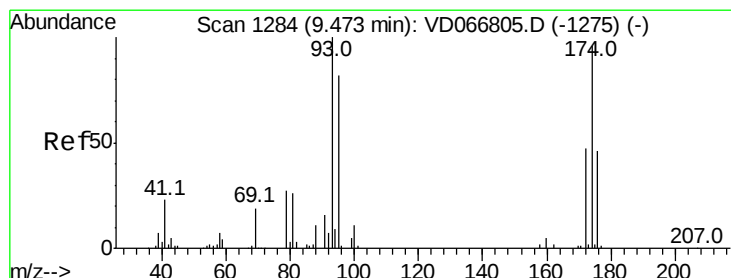
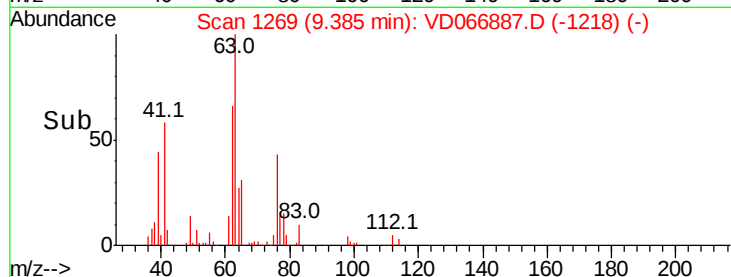
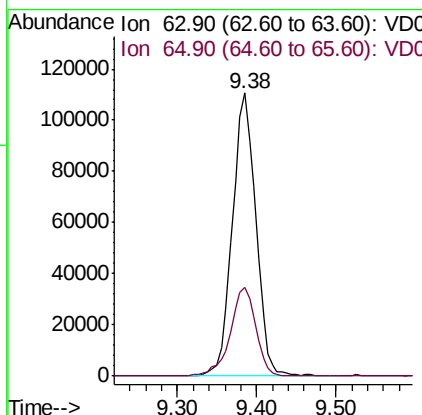
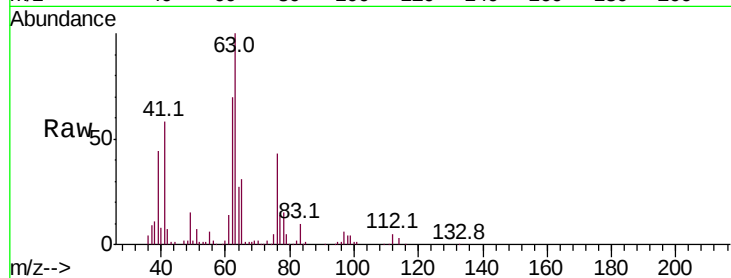




#45
 1,2-Dichloropropane
 Concen: 50.585 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

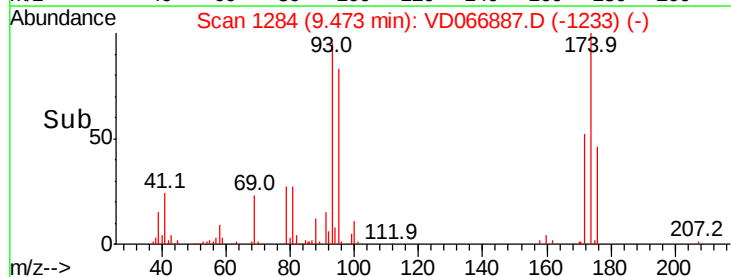
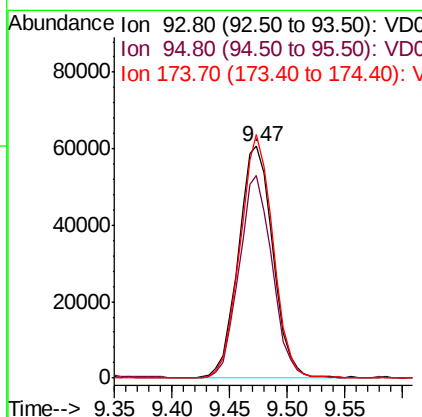
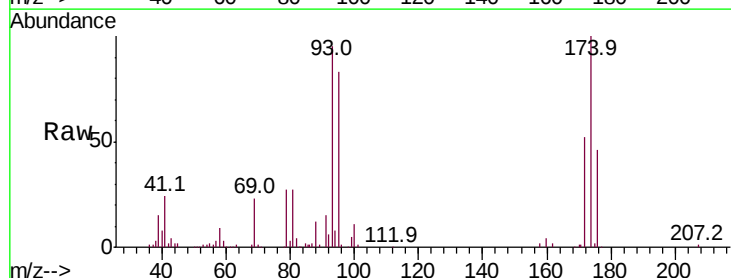
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

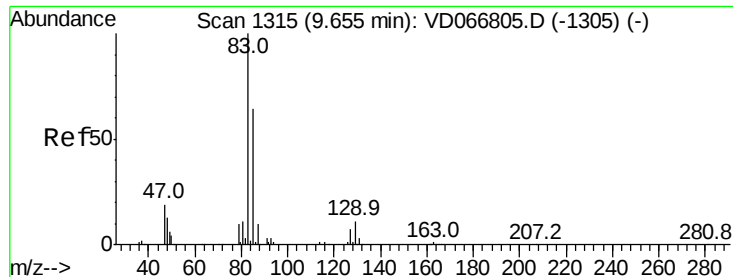
Tot Ion: 63 Resp: 227295
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 51.680 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 93 Resp: 126168
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.3 97.9
 174 100.5 75.4 113.2





#47

Bromodichloromethane

Concen: 50.758 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

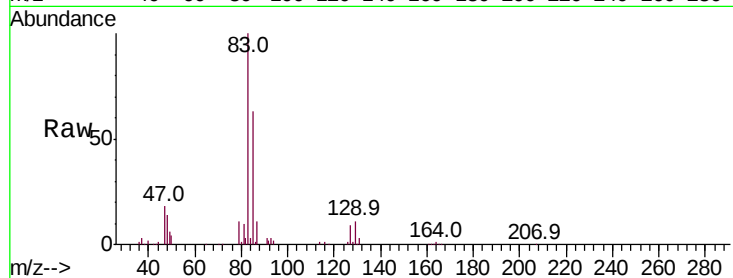
Tot Ion: 83 Resp: 332882

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

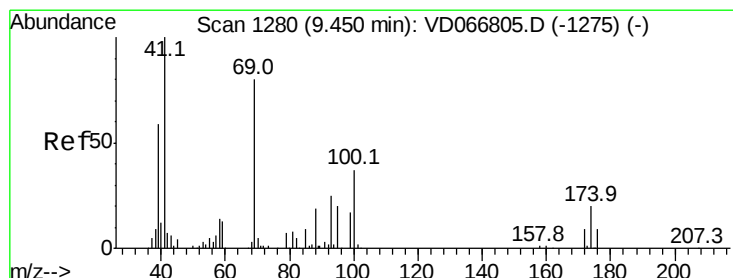
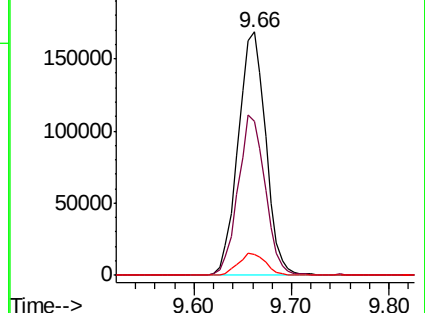
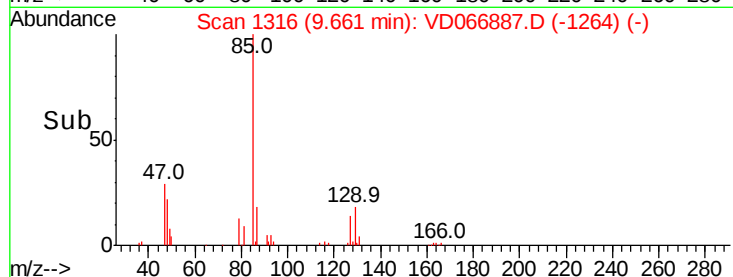
127 8.8 5.9 8.9



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: 49.942 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

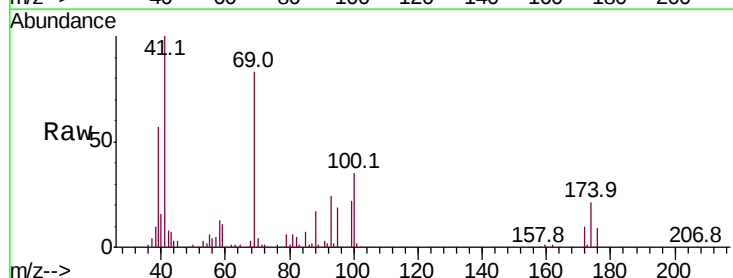
Tgt Ion: 41 Resp: 109972

Ion Ratio Lower Upper

41 100

69 97.4 74.5 111.7

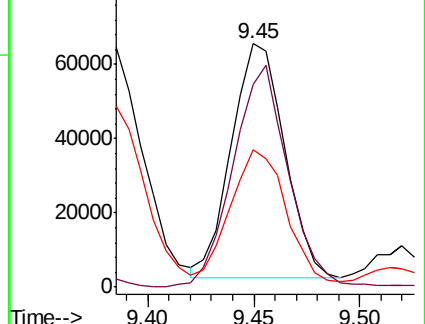
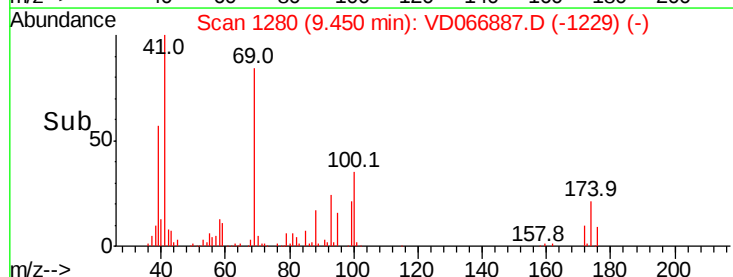
39 58.7 47.0 70.6

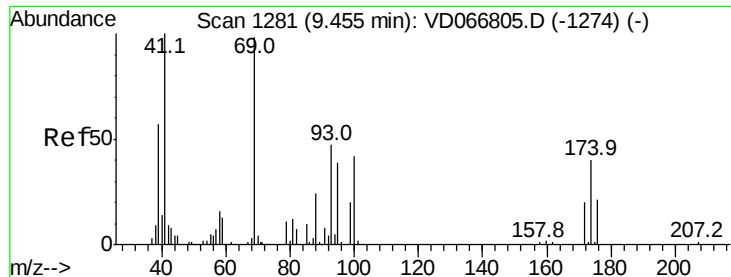


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1104.154 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

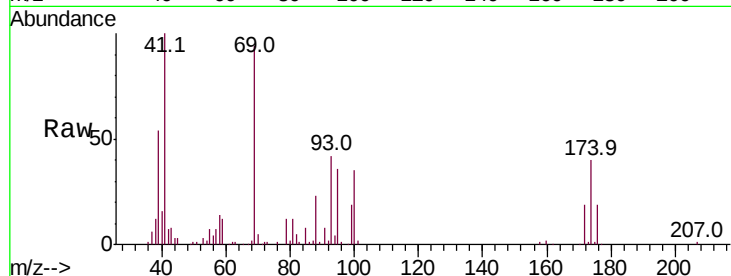
Tot Ion: 88 Resp: 30270

Ion Ratio Lower Upper

88 100

43 34.7 27.7 41.5

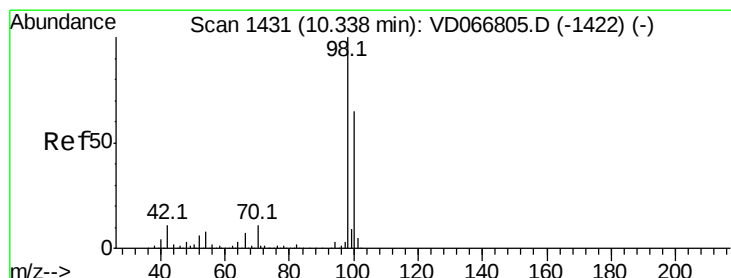
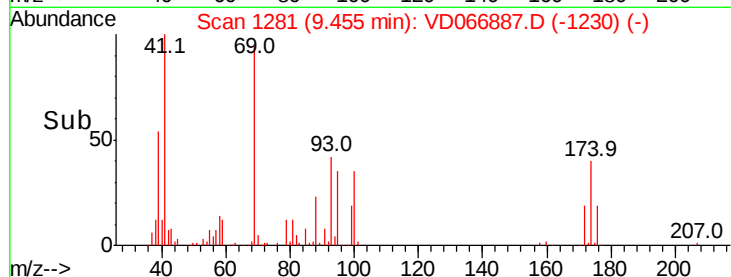
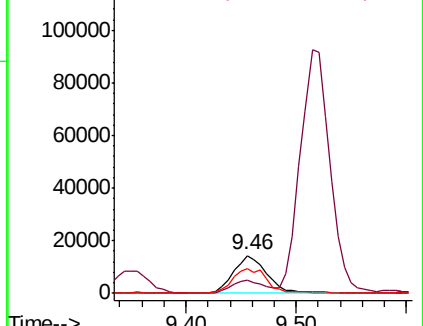
58 66.1 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.011 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066887.D

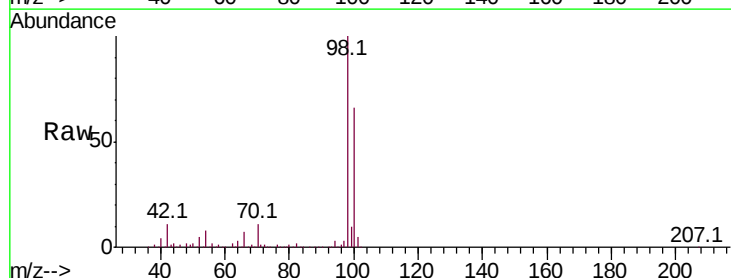
Acq: 25 Sep 2020 22:33

Tgt Ion: 98 Resp: 700202

Ion Ratio Lower Upper

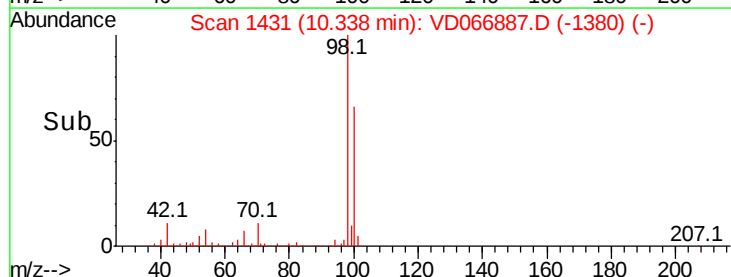
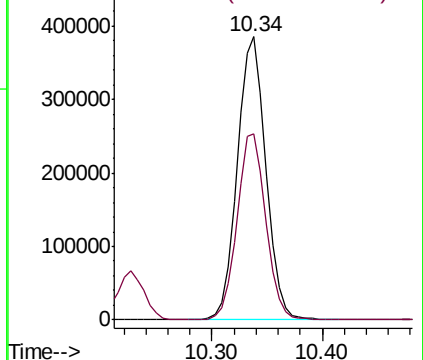
98 100

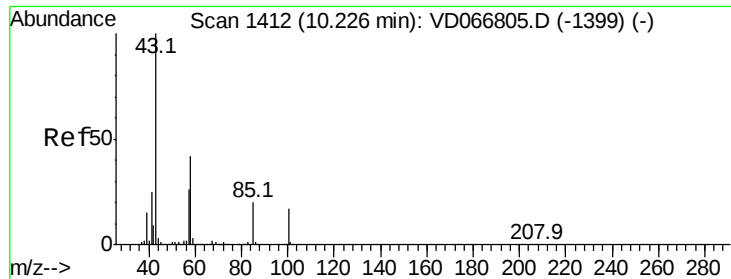
100 65.9 52.2 78.2



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: 266.666 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

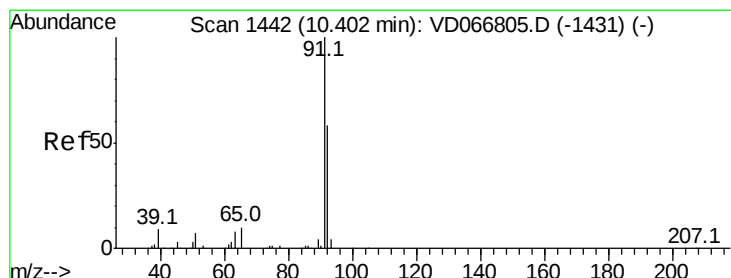
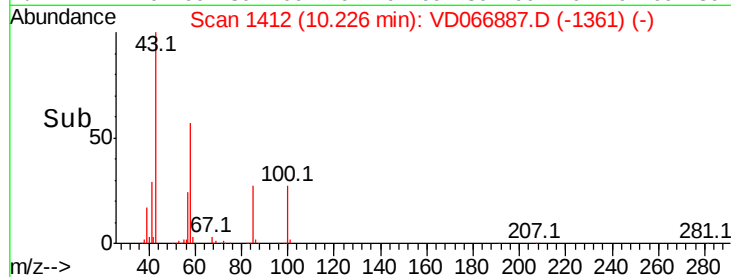
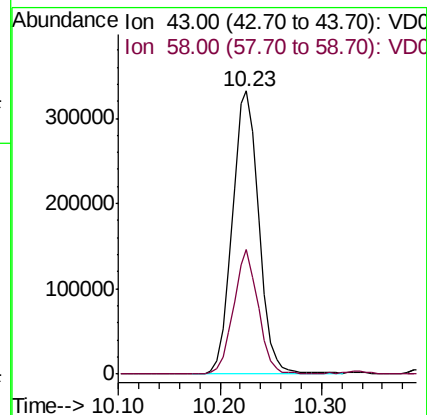
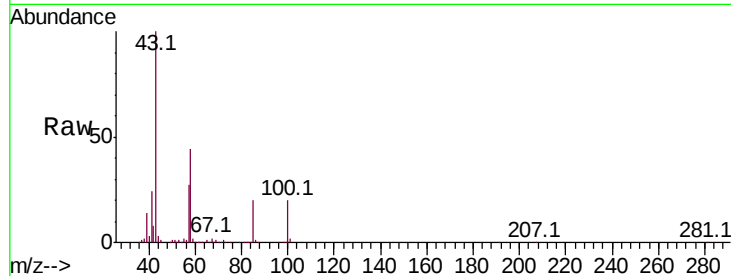
VSTDCCC050

Tot Ion: 43 Resp: 603470

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.4



#52

Toluene

Concen: 52.328 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066887.D

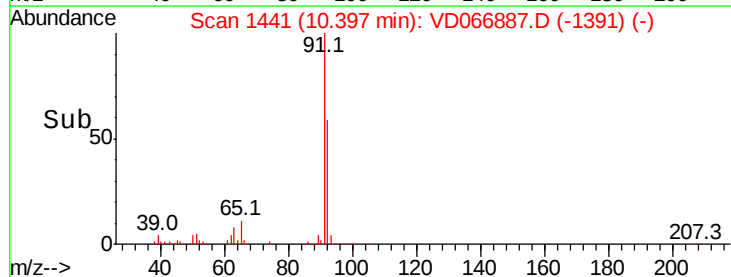
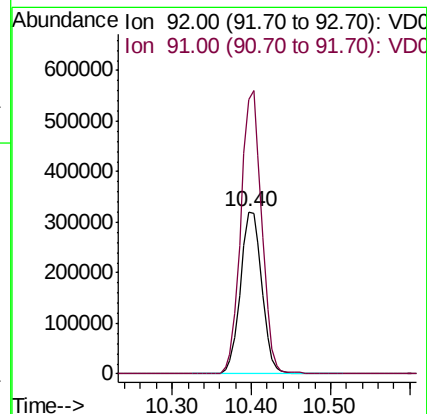
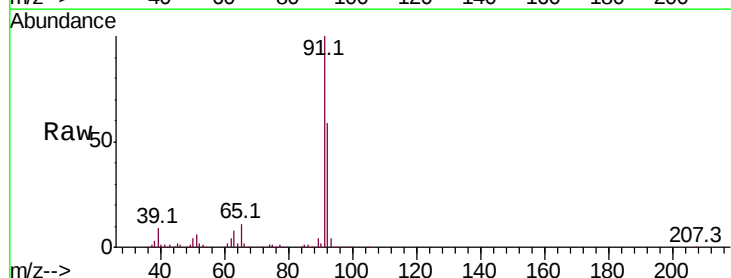
Acq: 25 Sep 2020 22:33

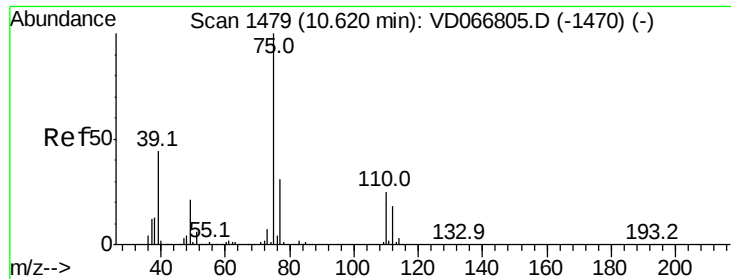
Tgt Ion: 92 Resp: 601950

Ion Ratio Lower Upper

92 100

91 169.8 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 52.423 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

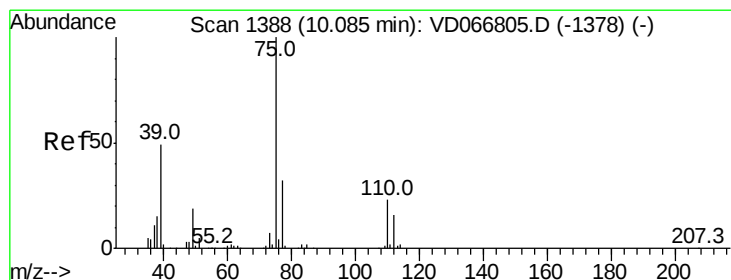
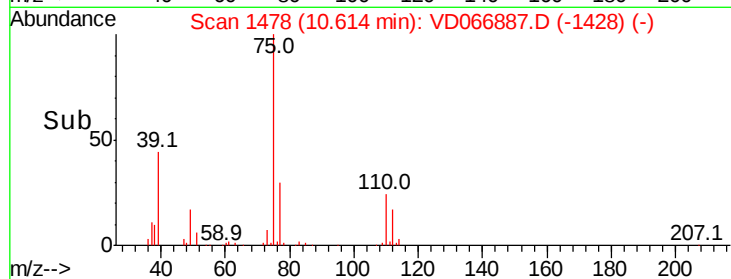
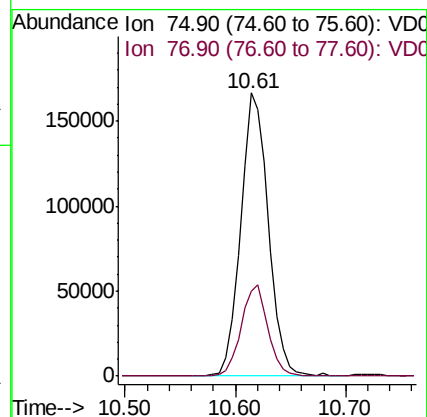
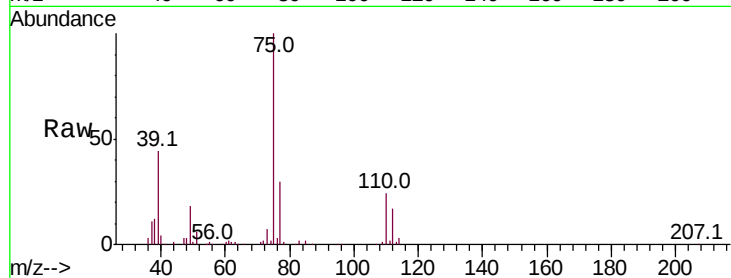
VSTDCCC050

Tot Ion: 75 Resp: 292619

Ion Ratio Lower Upper

75 100

77 30.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 52.032 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

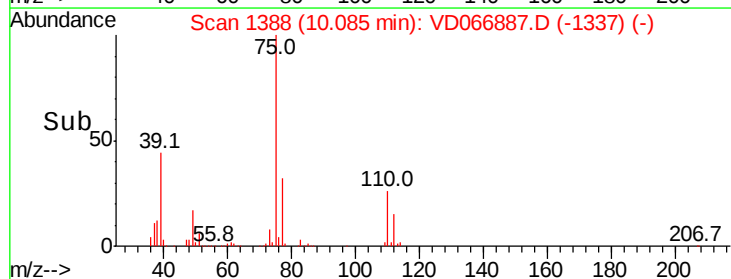
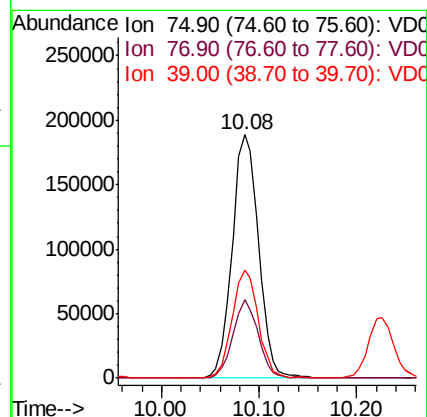
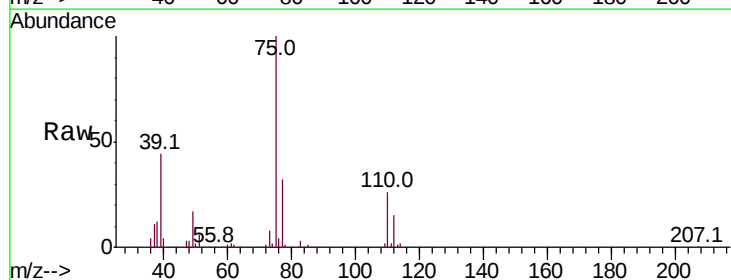
Tgt Ion: 75 Resp: 354143

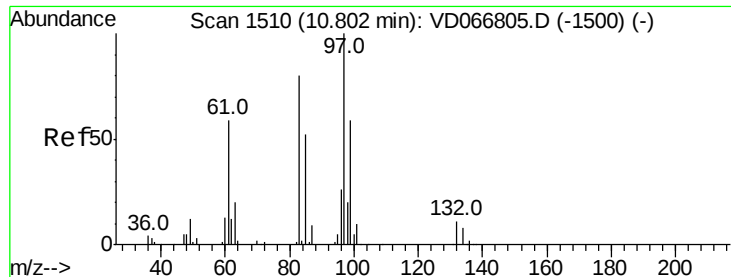
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 44.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.932 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

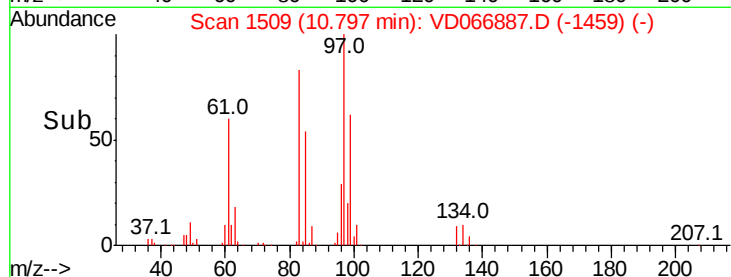
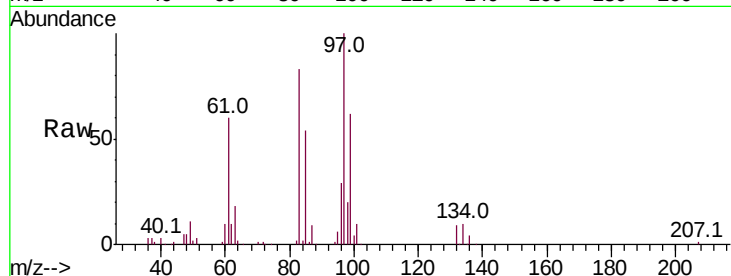
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 174290

Ion	Ratio	Lower	Upper
97	100		
83	83.3	64.2	96.2
85	54.3	41.9	62.9
99	61.8	47.5	71.3

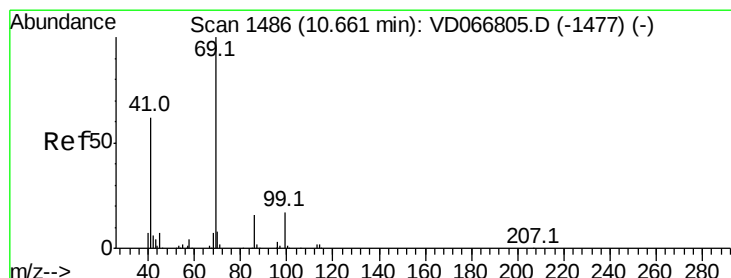


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 55.524 ug/l

RT: 10.66 min Scan# 1485

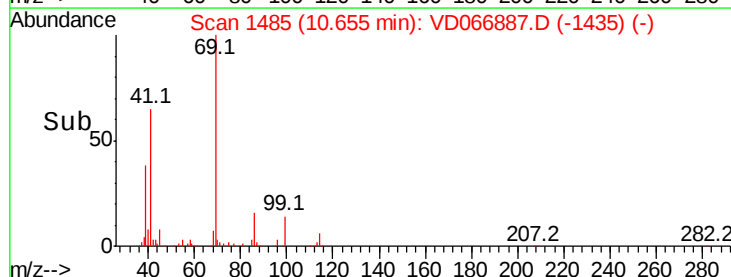
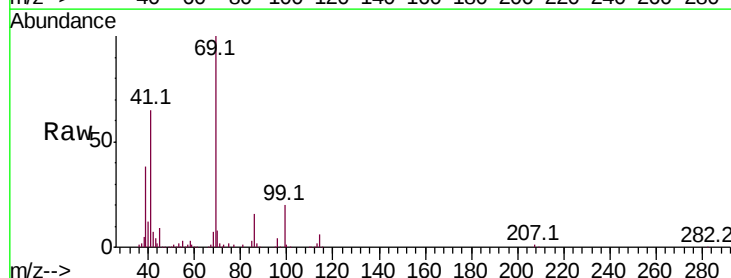
Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion: 69 Resp: 199627

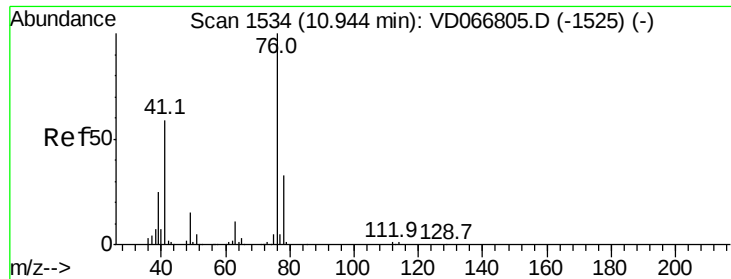
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.2	78.2
39	35.5	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

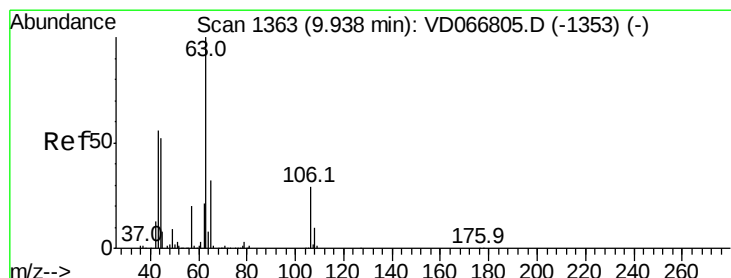
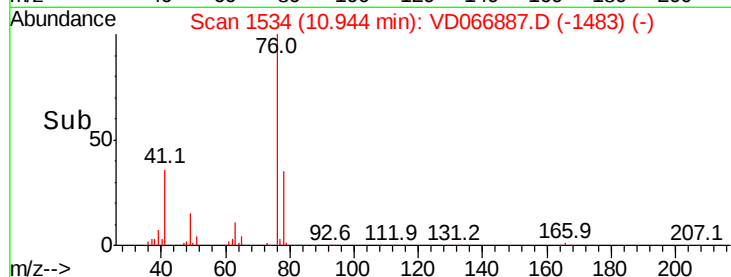
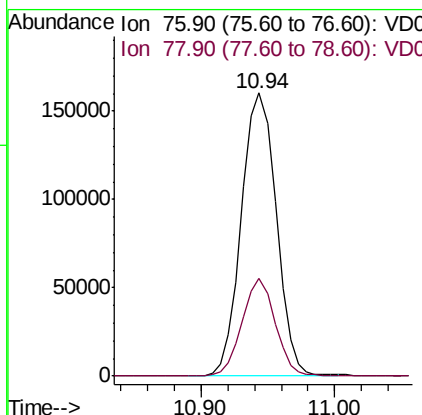
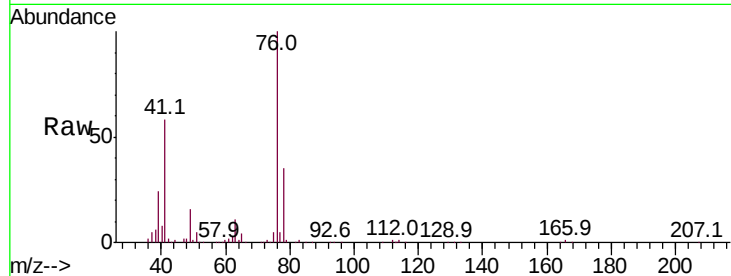
Ion 39.00 (38.70 to 39.70): VDC



#57
 1,3-Dichloropropane
 Concen: 52.594 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

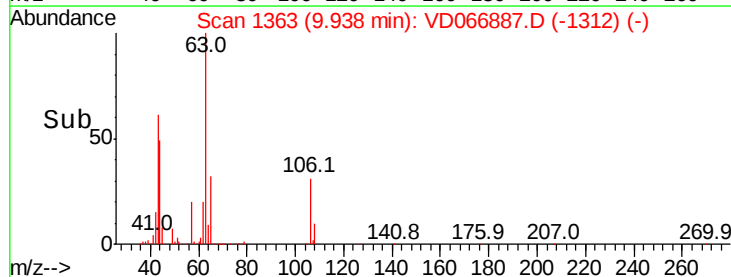
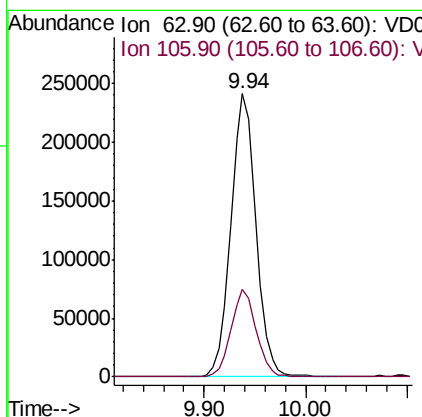
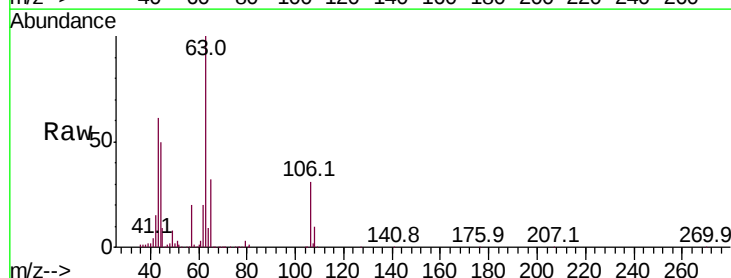
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

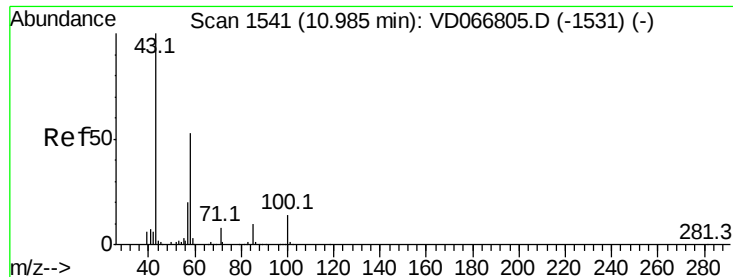
Tot Ion: 76 Resp: 291466
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.651 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 63 Resp: 413082
 Ion Ratio Lower Upper
 63 100
 106 30.9 23.8 35.6

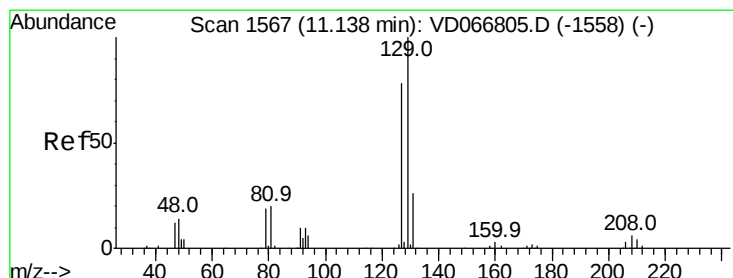
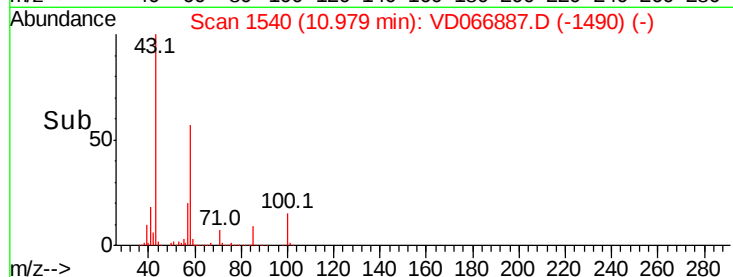
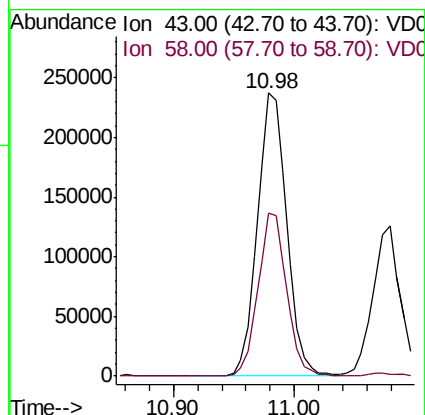
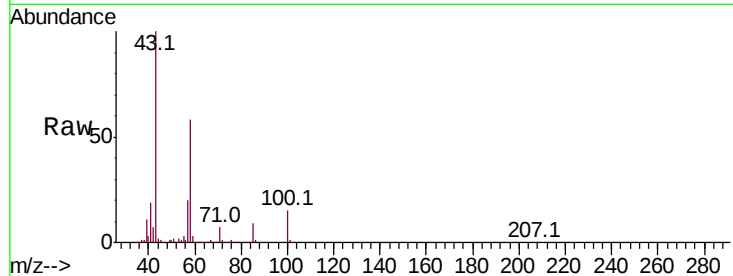




#59
2-Hexanone
Concen: 264.422 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

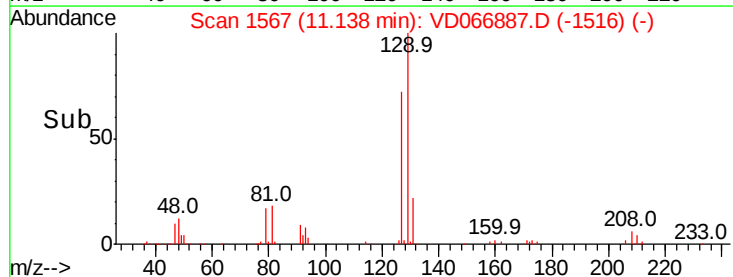
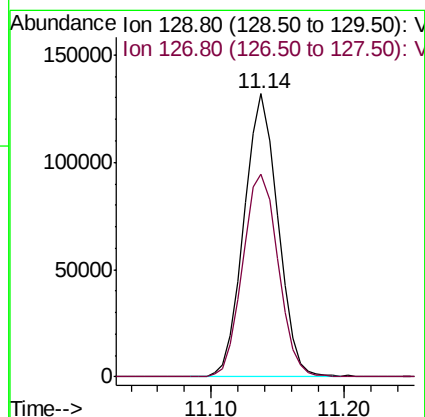
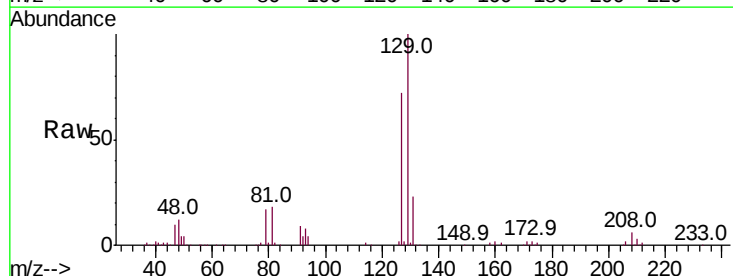
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

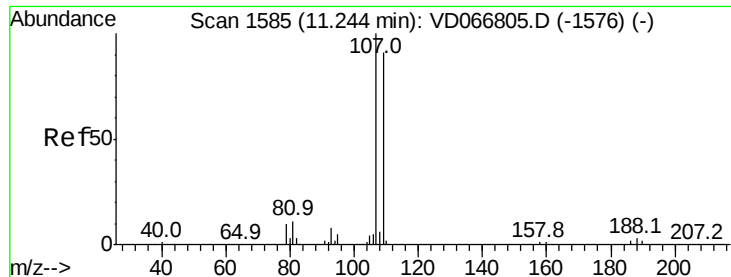
Tot Ion: 43 Resp: 403541
Ion Ratio Lower Upper
43 100
58 56.3 27.0 80.8



#60
Dibromochloromethane
Concen: 52.983 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion:129 Resp: 232075
Ion Ratio Lower Upper
129 100
127 75.0 38.6 116.0

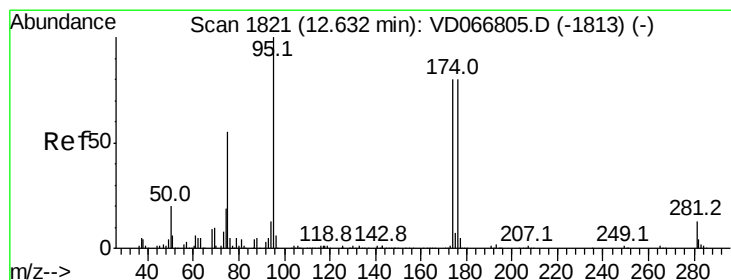
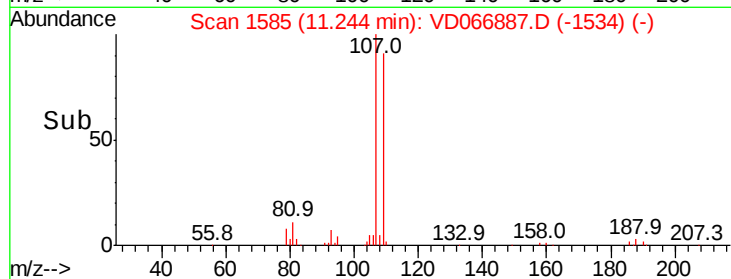
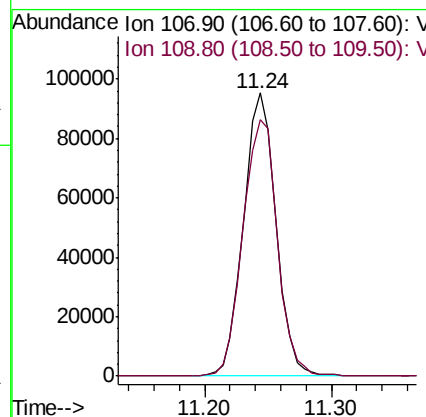
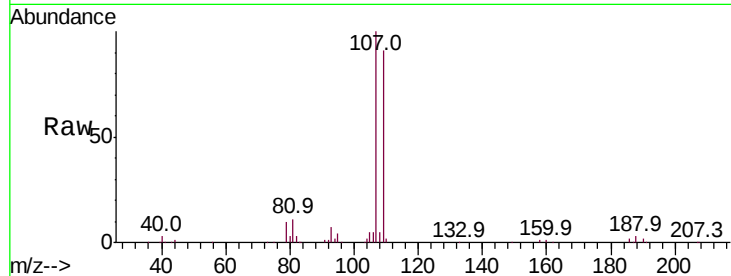




#61
 1,2-Dibromoethane
 Concen: 54.312 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

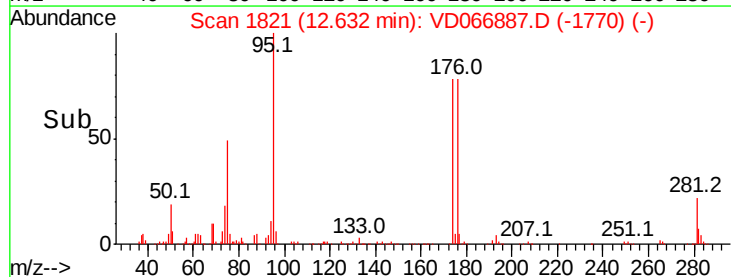
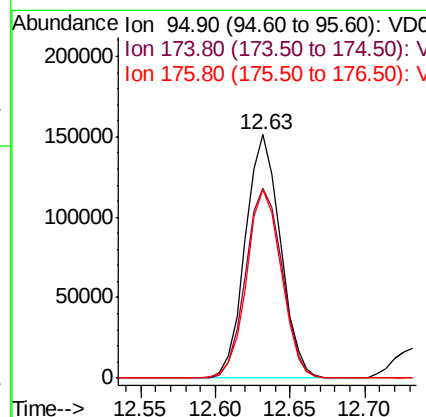
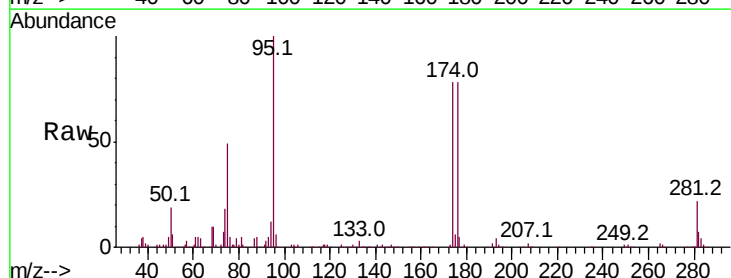
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

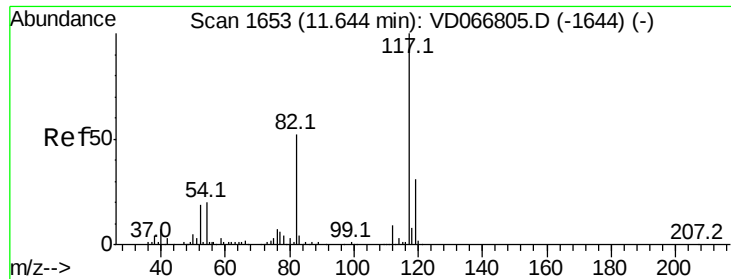
Tot Ion:107 Resp: 169540
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.369 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion: 95 Resp: 246213
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 159.8
 176 76.8 0.0 154.4

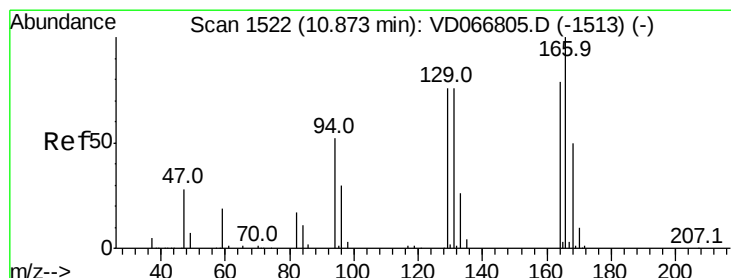
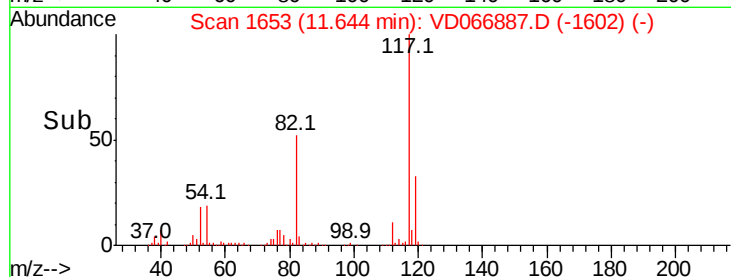
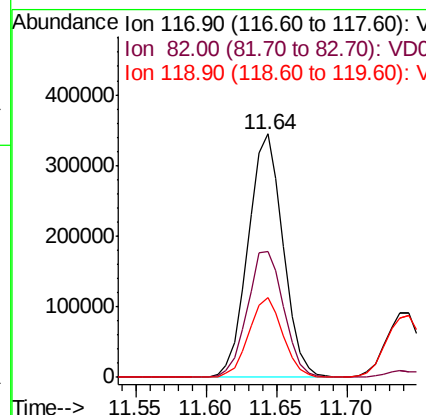
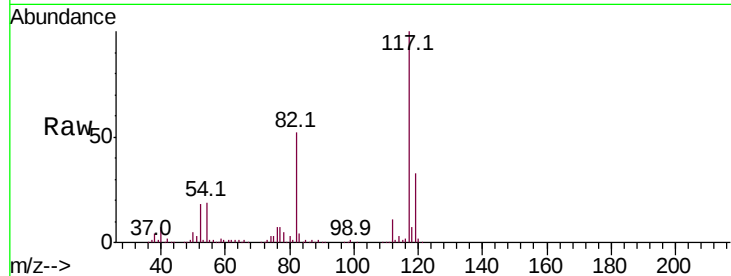




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

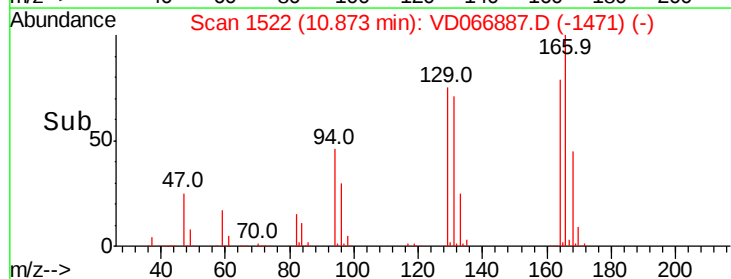
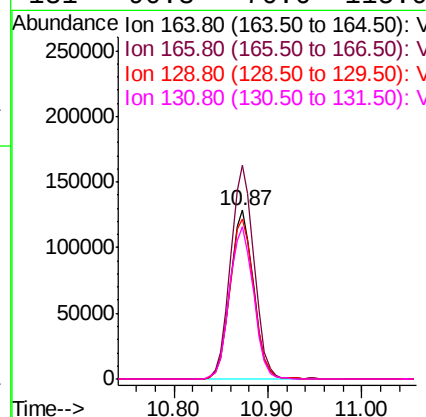
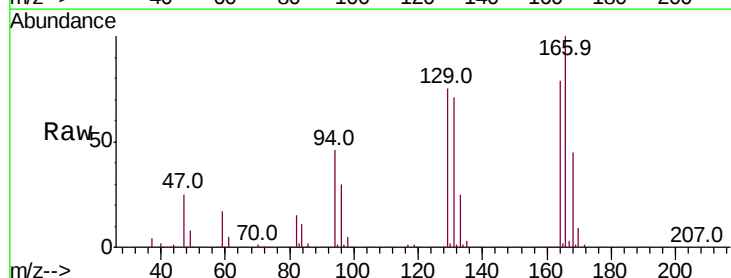
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

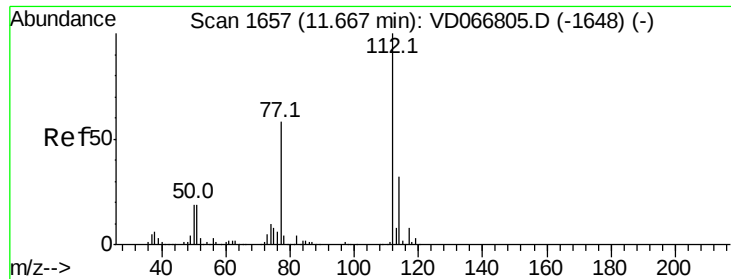
Tot Ion:117 Resp: 598898
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.6
119 32.6 24.6 37.0



#64
Tetrachloroethene
Concen: 51.559 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion:164 Resp: 222115
Ion Ratio Lower Upper
164 100
166 126.7 101.1 151.7
129 94.9 77.0 115.4
131 90.3 76.6 115.0





#65

Chlorobenzene

Concen: 51.574 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

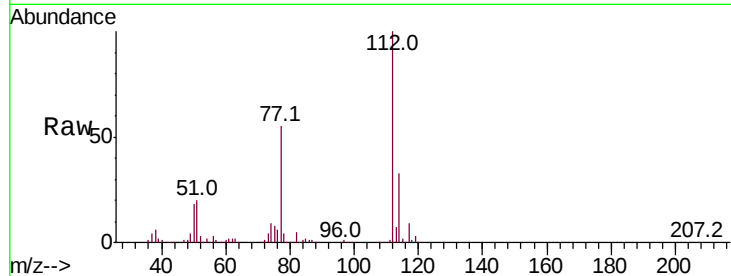
VSTDCCC050

Tot Ion:112 Resp: 642941

Ion Ratio Lower Upper

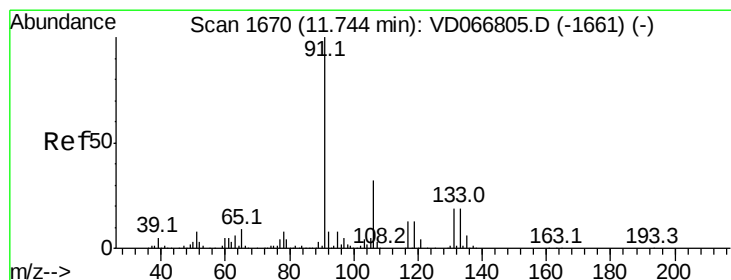
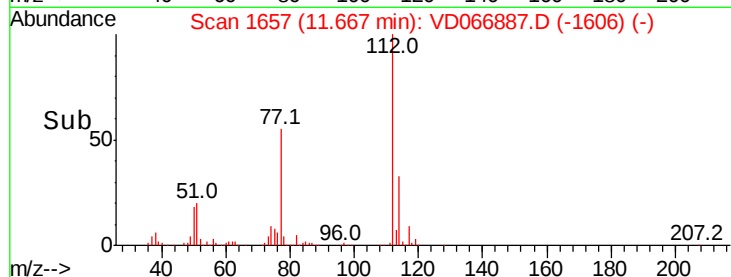
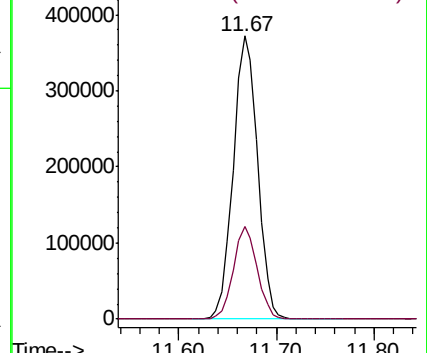
112 100

114 32.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.868 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

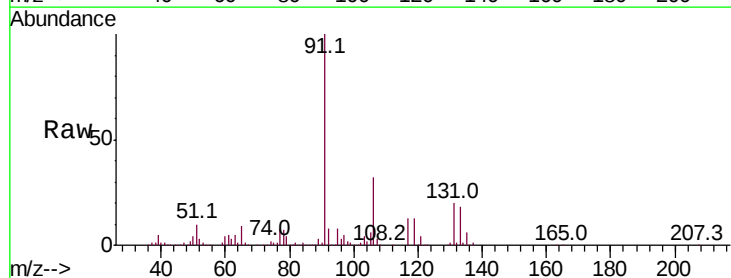
Tgt Ion:131 Resp: 244726

Ion Ratio Lower Upper

131 100

133 94.7 46.7 140.1

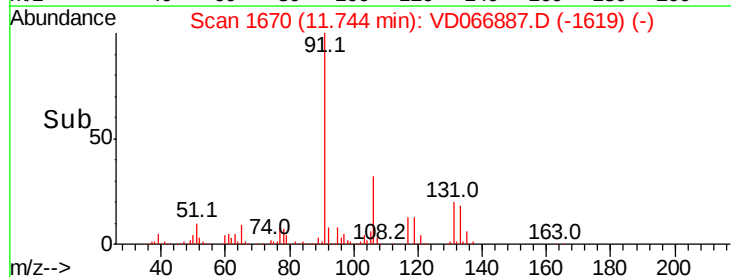
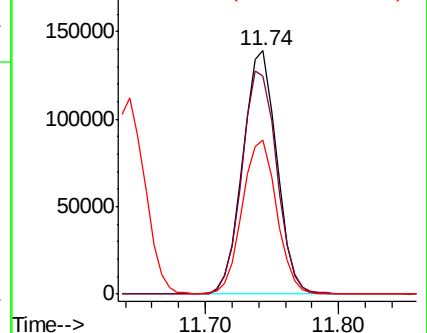
119 64.3 32.3 96.9

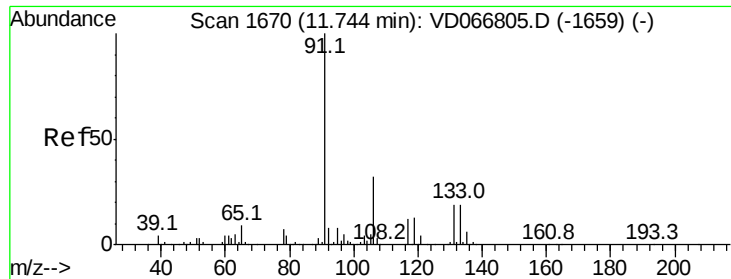


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.877 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

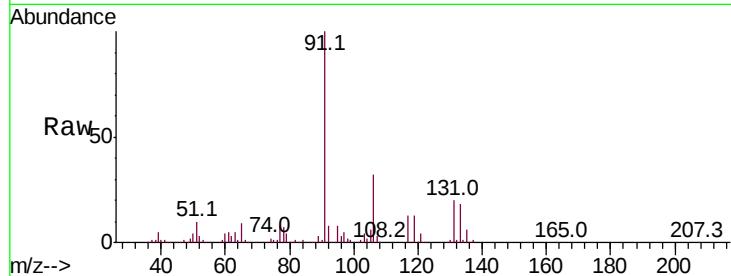
VSTDCCC050

Tot Ion: 91 Resp: 1135847

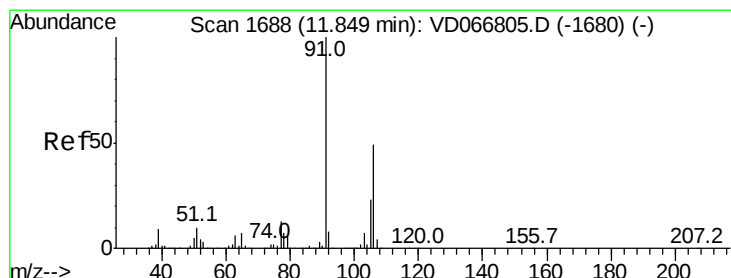
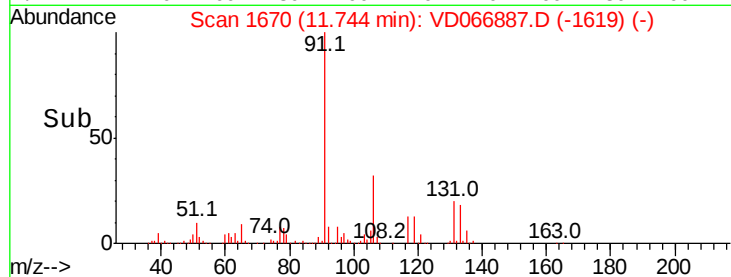
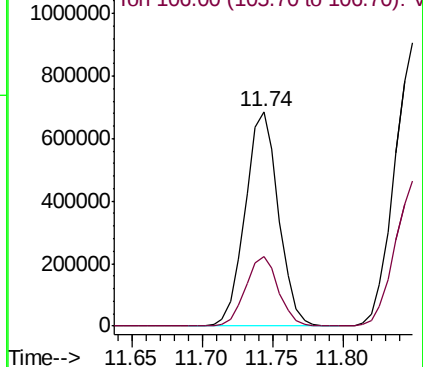
Ion Ratio Lower Upper

91 100

106 32.4 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 106.117 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066887.D

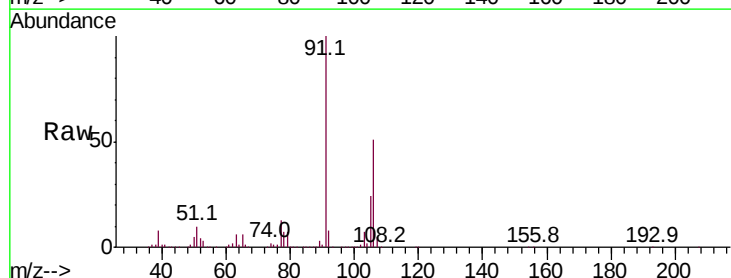
Acq: 25 Sep 2020 22:33

Tgt Ion:106 Resp: 879683

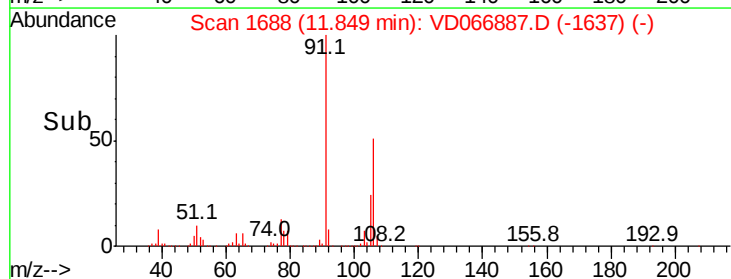
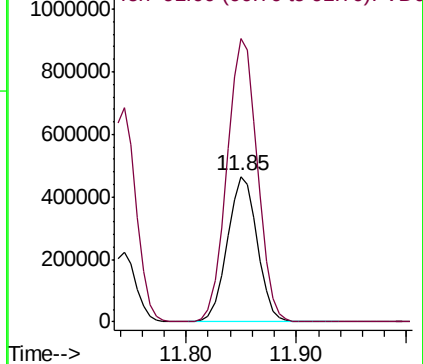
Ion Ratio Lower Upper

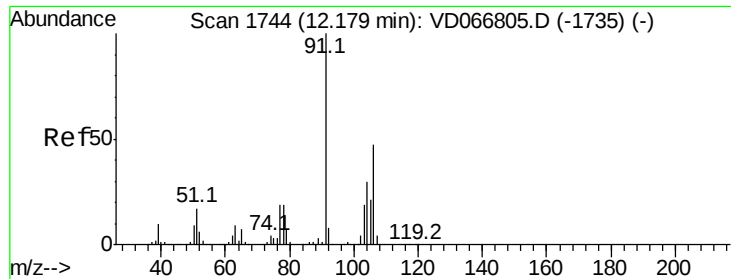
106 100

91 198.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

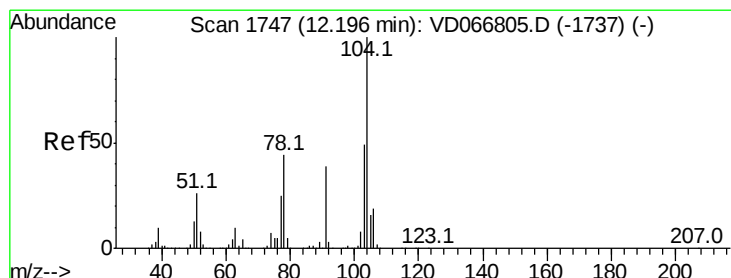
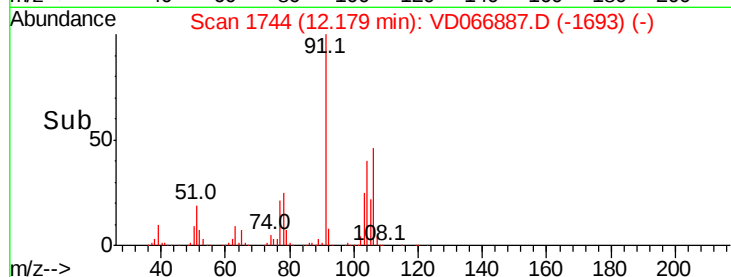
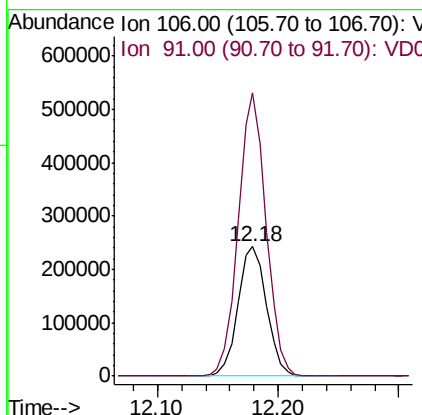
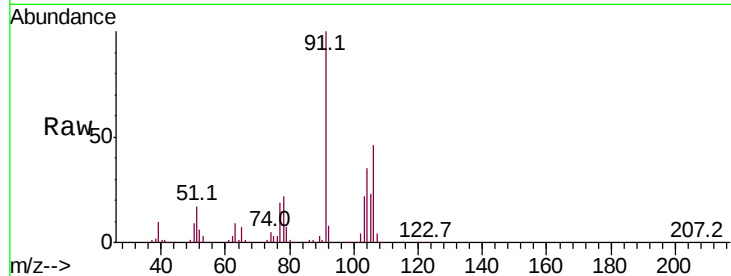




#69
o-Xylene
Concen: 53.582 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

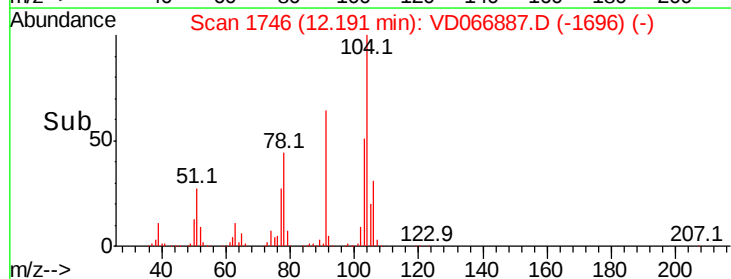
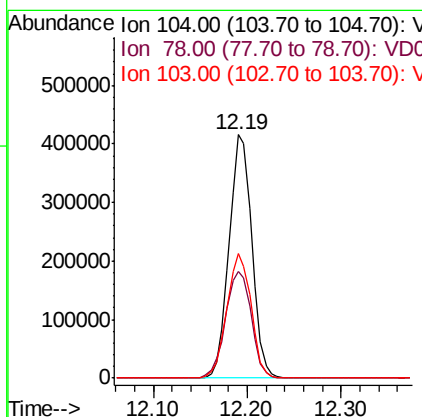
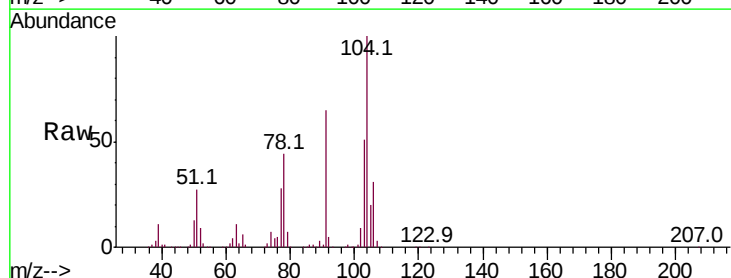
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

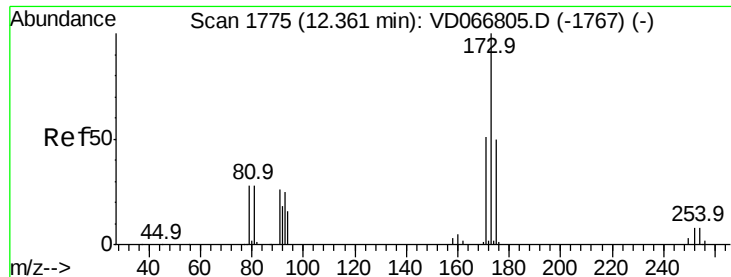
Tot Ion:106 Resp: 401638
Ion Ratio Lower Upper
106 100
91 211.7 106.3 318.8



#70
Styrene
Concen: 53.786 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion:104 Resp: 700155
Ion Ratio Lower Upper
104 100
78 49.6 38.9 58.3
103 54.4 43.2 64.8





#71

Bromoform

Concen: 53.160 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

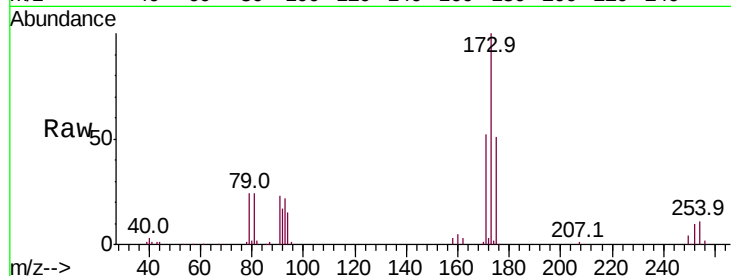
Tot Ion:173 Resp: 126994

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

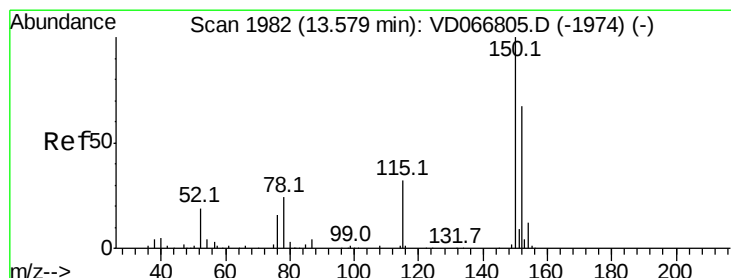
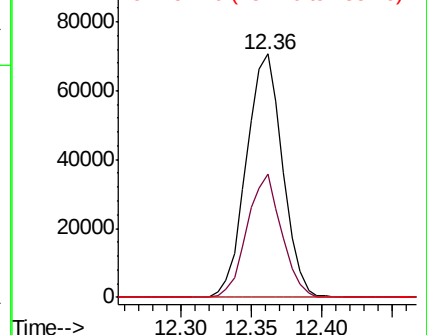
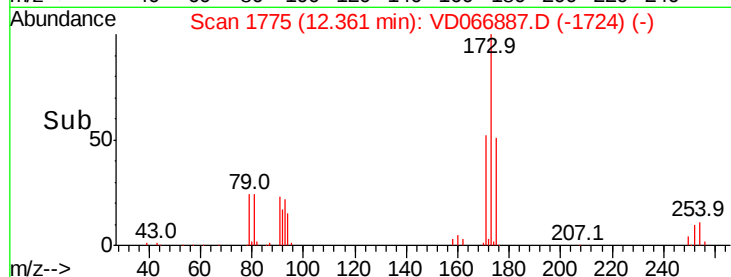
254 0.1 0.1 0.1



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: VD066887.D

Acq: 25 Sep 2020 22:33

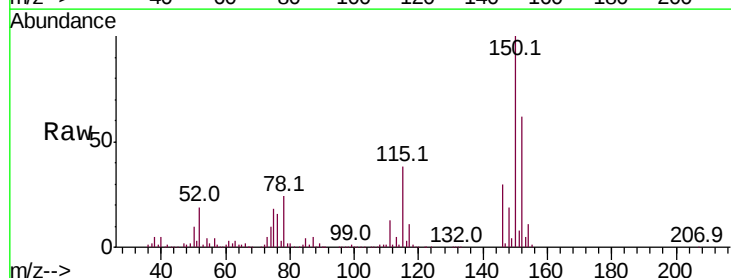
Tgt Ion:152 Resp: 278402

Ion Ratio Lower Upper

152 100

115 60.6 30.3 91.0

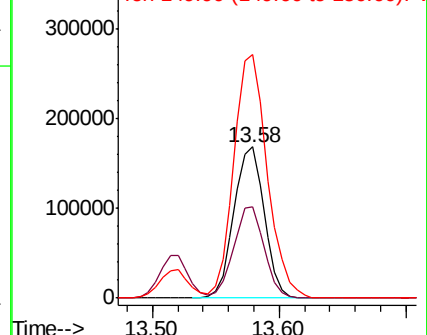
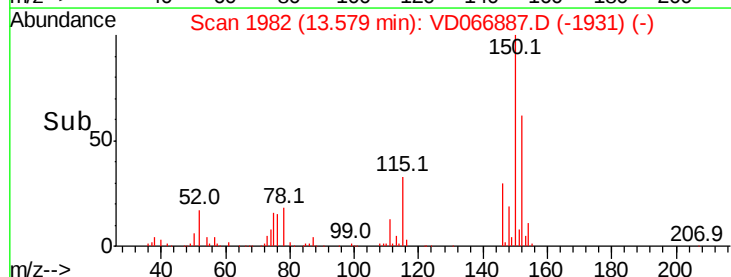
150 177.3 0.0 346.2

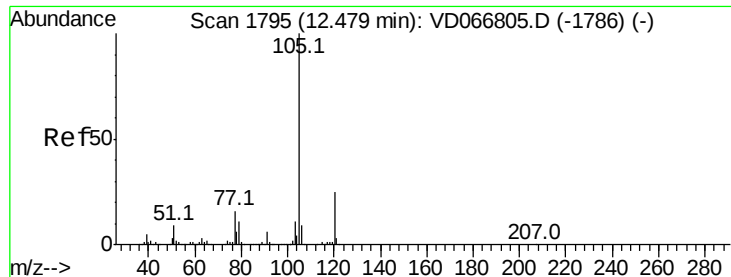


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.136 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

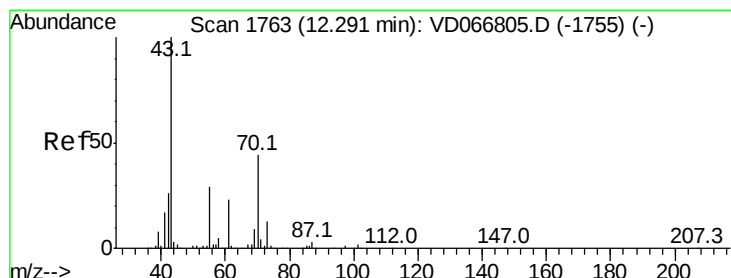
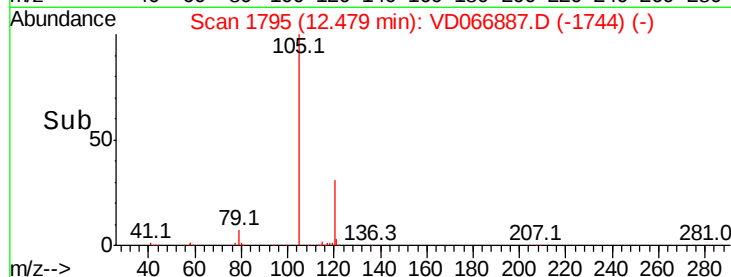
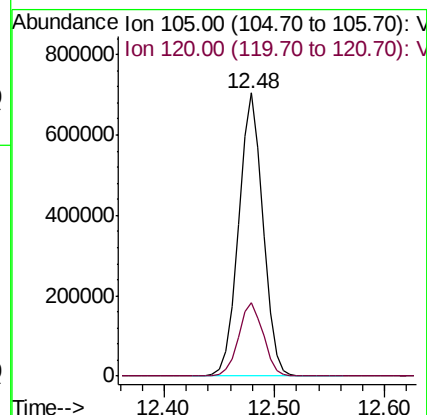
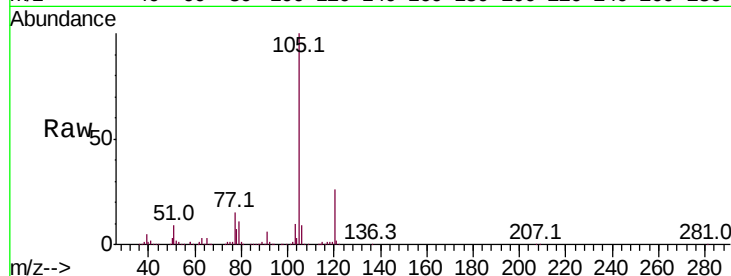
VSTDCCC050

Tot Ion:105 Resp: 1088774

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 53.895 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Tgt Ion: 43 Resp: 211675

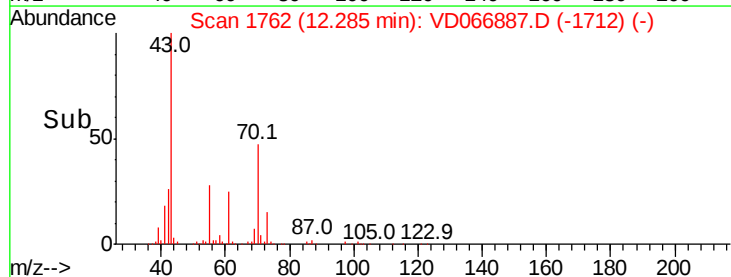
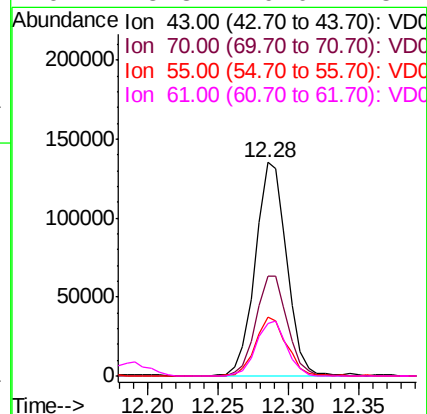
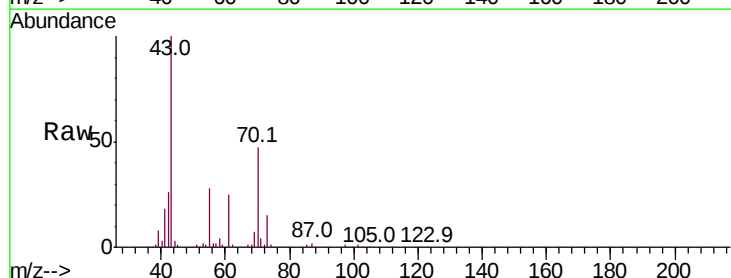
Ion Ratio Lower Upper

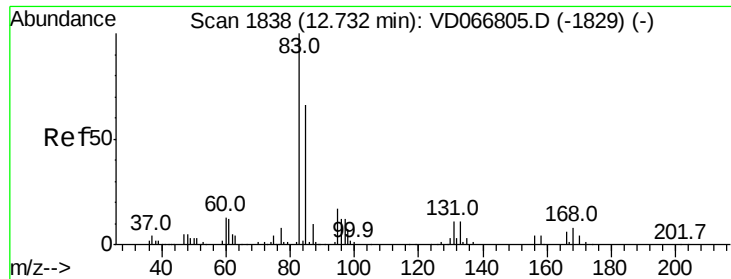
43 100

70 47.0 36.1 54.1

55 27.6 21.8 32.8

61 25.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.854 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

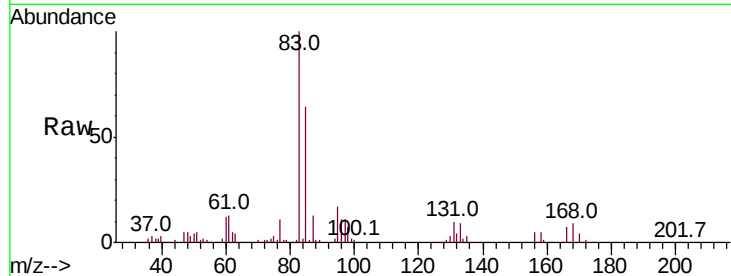
Tot Ion: 83 Resp: 183422

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

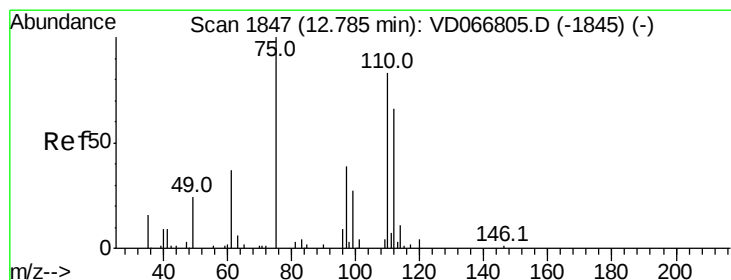
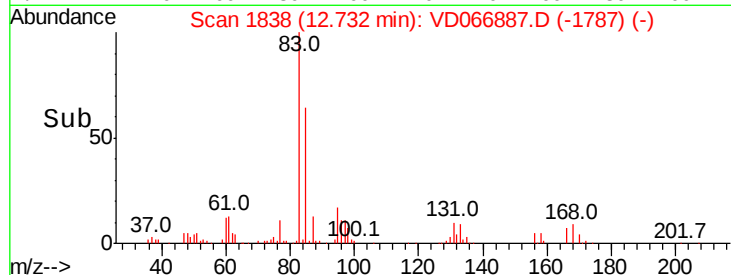
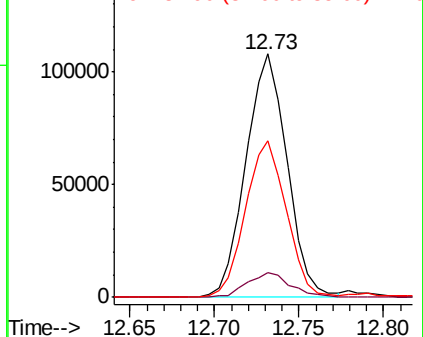
85 63.8 32.1 96.5



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: 102.693 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066887.D

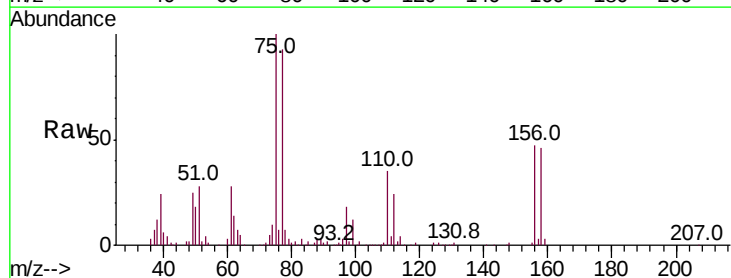
Acq: 25 Sep 2020 22:33

Tgt Ion: 75 Resp: 236931

Ion Ratio Lower Upper

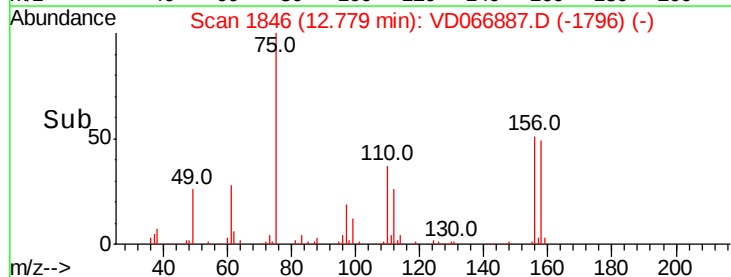
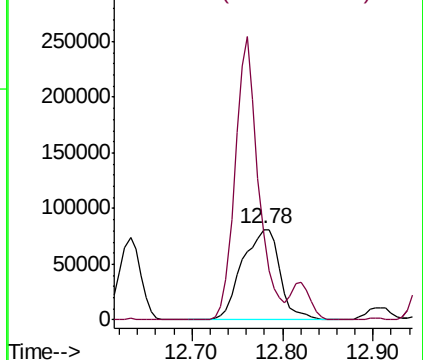
75 100

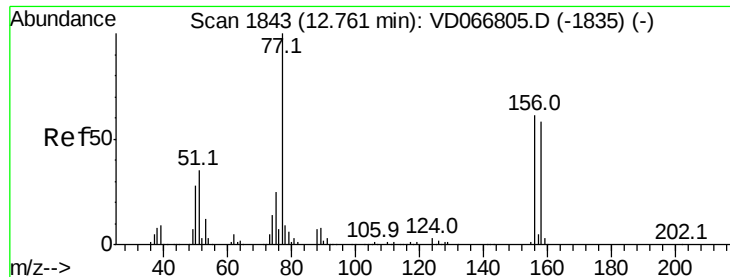
77 193.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.279 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

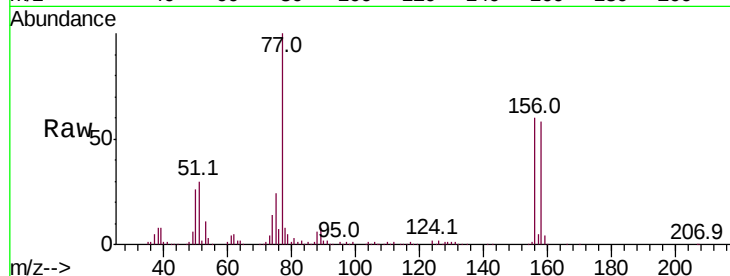
Tot Ion:156 Resp: 255311

Ion Ratio Lower Upper

156 100

77 180.0 92.3 276.9

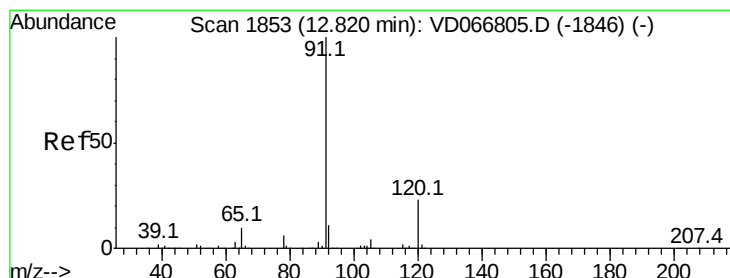
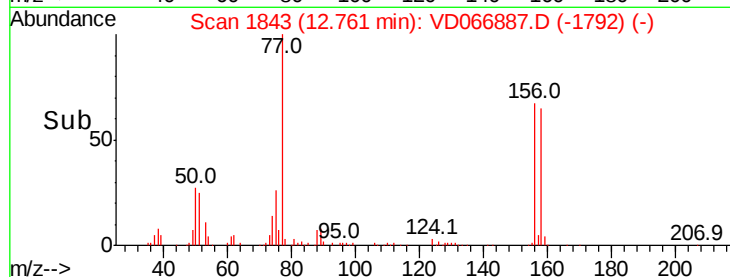
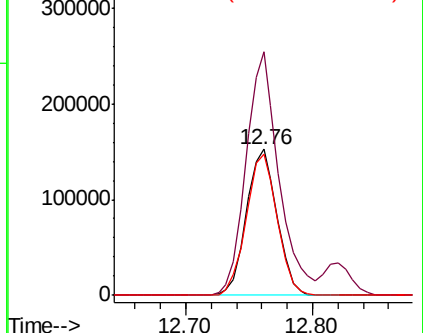
158 98.6 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.015 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066887.D

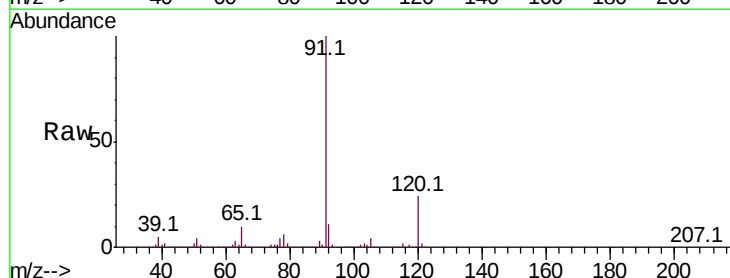
Acq: 25 Sep 2020 22:33

Tgt Ion: 91 Resp: 1282712

Ion Ratio Lower Upper

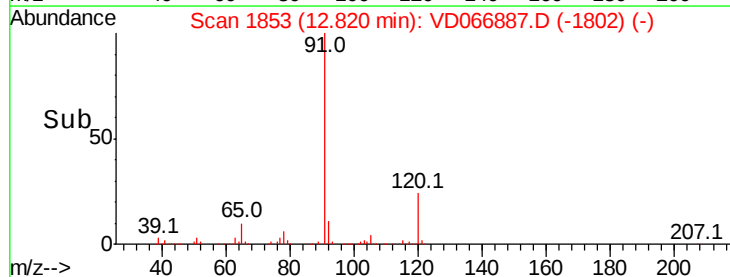
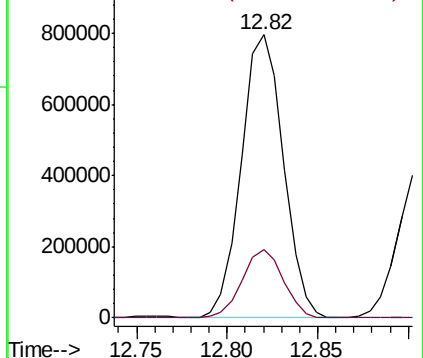
91 100

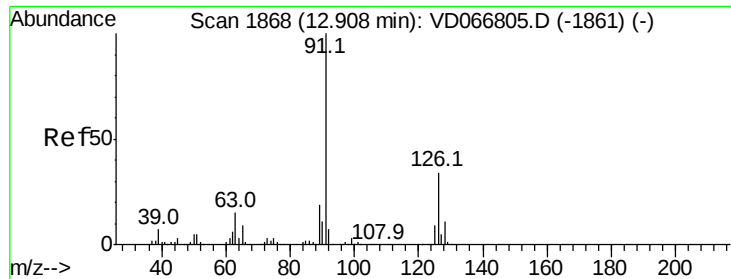
120 23.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.434 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

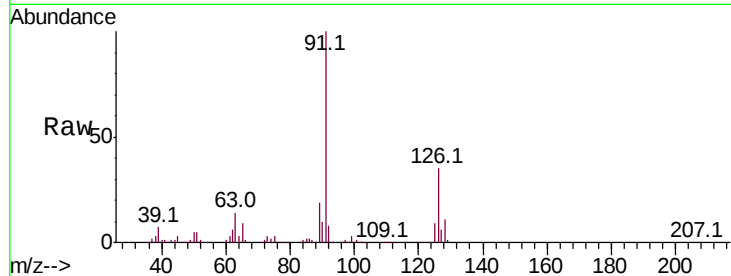
VSTDCCC050

Tot Ion: 91 Resp: 736730

Ion Ratio Lower Upper

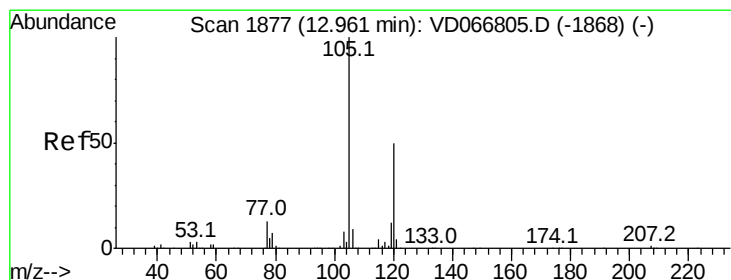
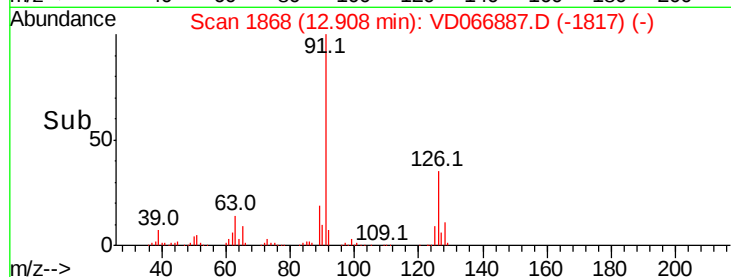
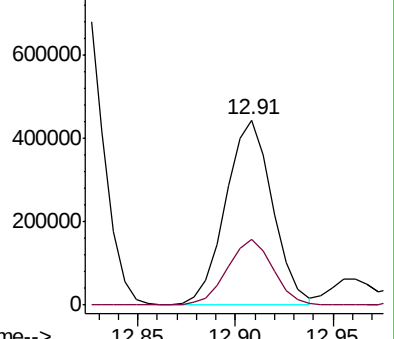
91 100

126 34.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.681 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066887.D

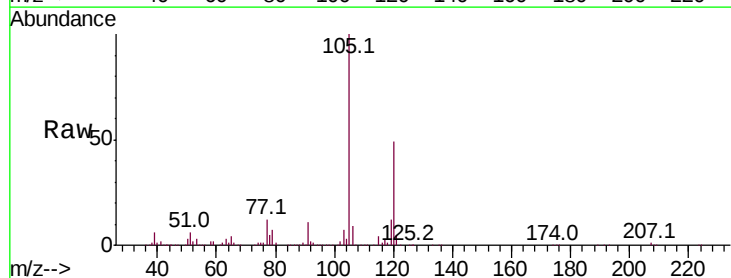
Acq: 25 Sep 2020 22:33

Tgt Ion:105 Resp: 933134

Ion Ratio Lower Upper

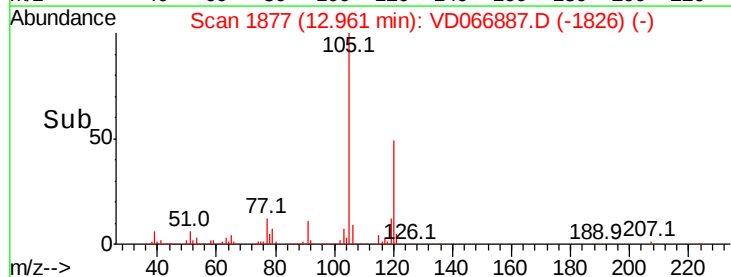
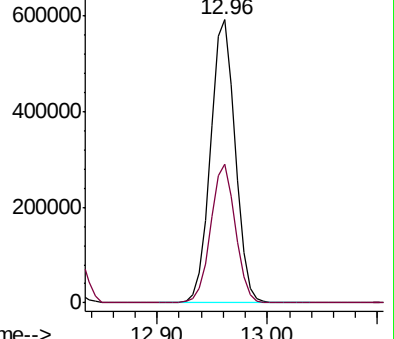
105 100

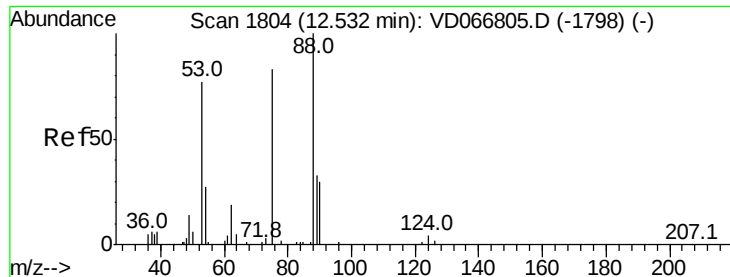
120 49.0 24.4 73.4



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: 57.101 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

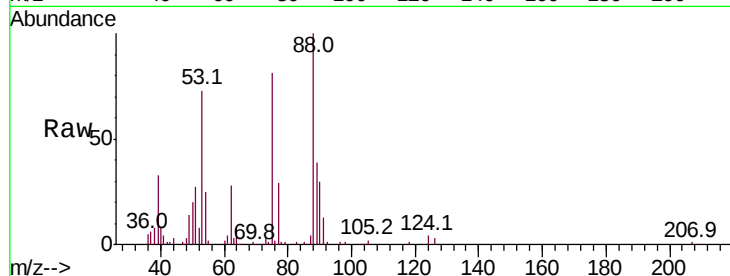
Tot Ion: 75 Resp: 52657

Ion Ratio Lower Upper

75 100

53 89.6 78.5 117.7

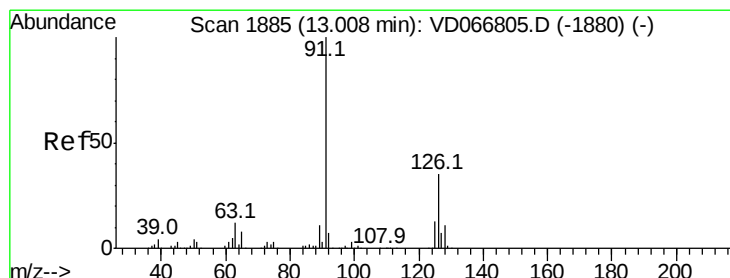
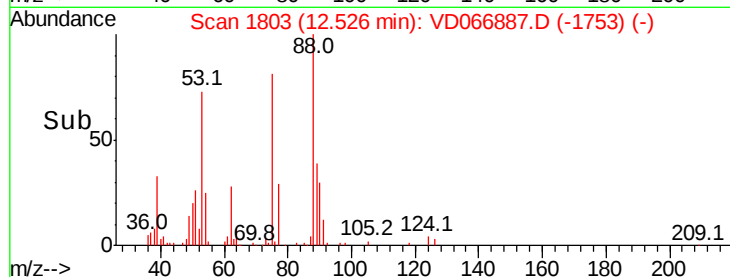
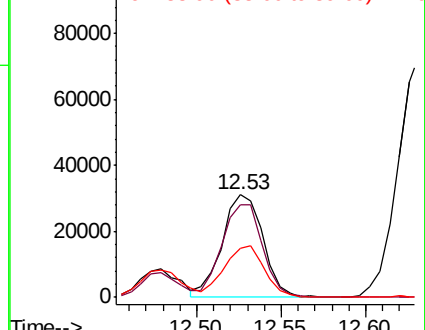
89 49.0 38.1 57.1



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: 53.226 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066887.D

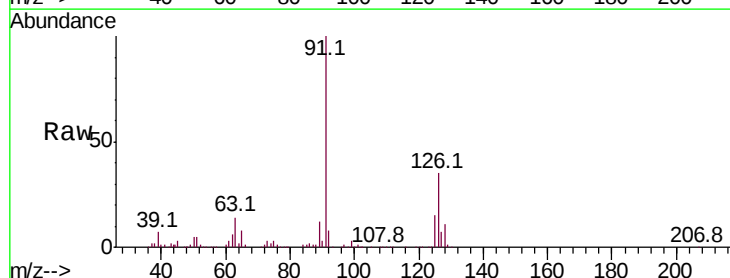
Acq: 25 Sep 2020 22:33

Tgt Ion: 91 Resp: 773605

Ion Ratio Lower Upper

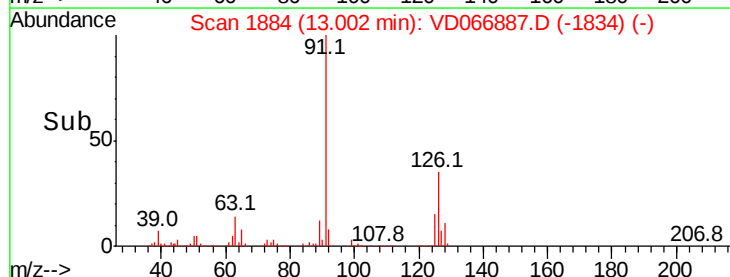
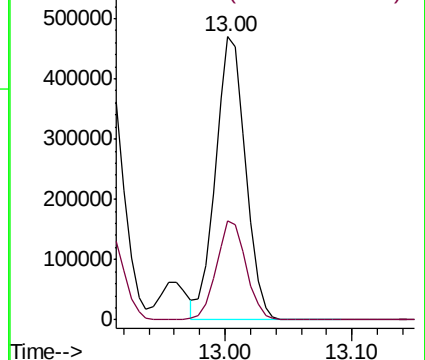
91 100

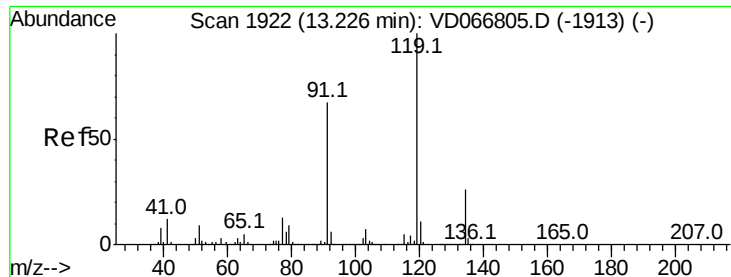
126 34.6 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

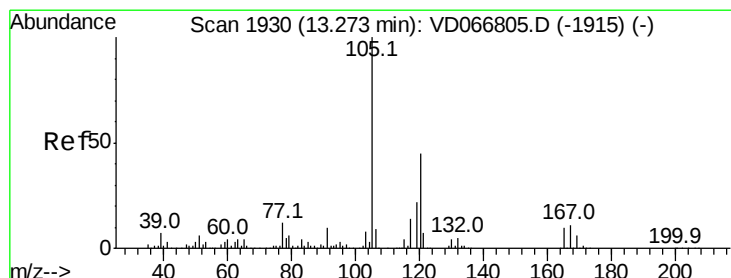
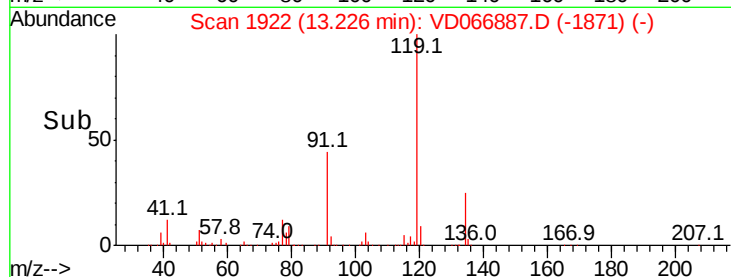
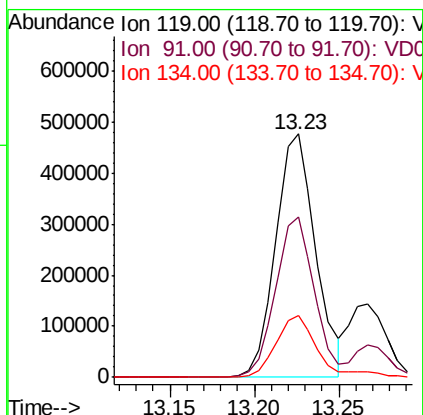
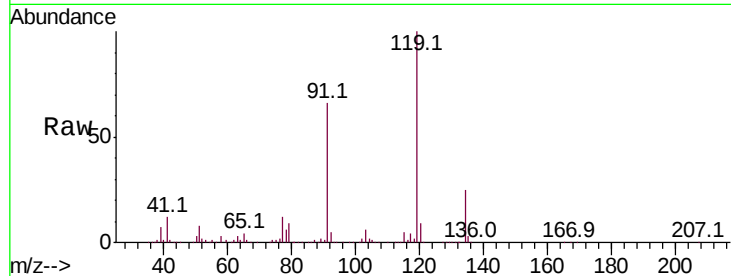




#83
tert-Butylbenzene
Concen: 55.802 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

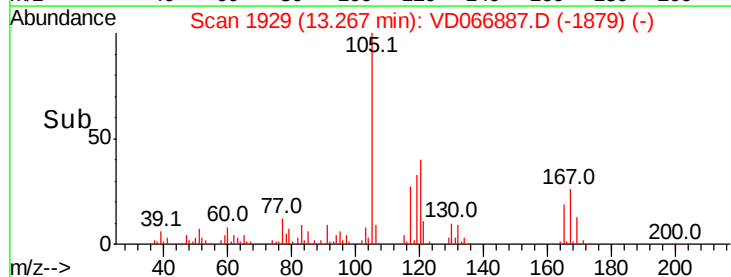
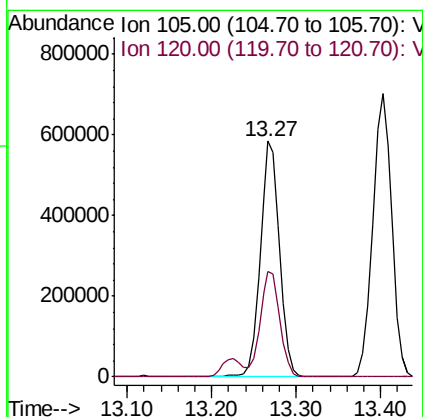
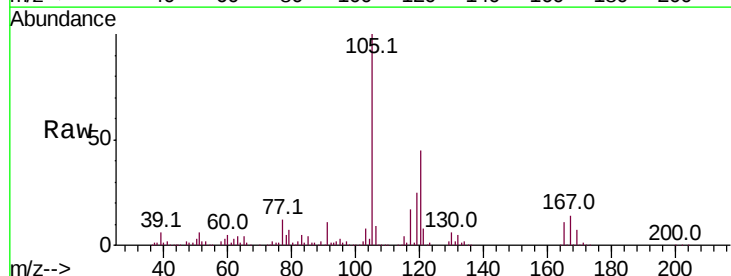
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

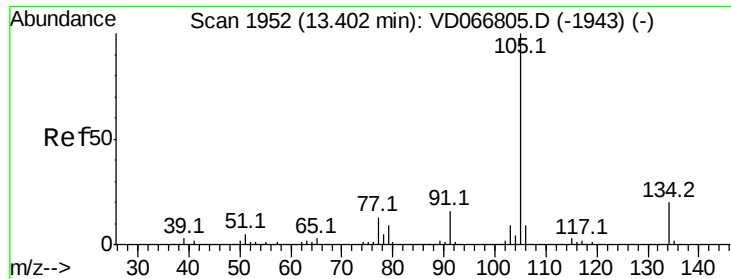
Tot Ion:119 Resp: 782494
Ion Ratio Lower Upper
119 100
91 63.9 33.6 100.8
134 26.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.945 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion:105 Resp: 929781
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.670 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

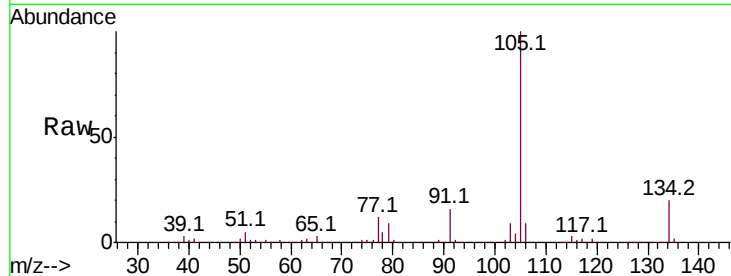
VSTDCCC050

Tot Ion:105 Resp: 1082254

Ion Ratio Lower Upper

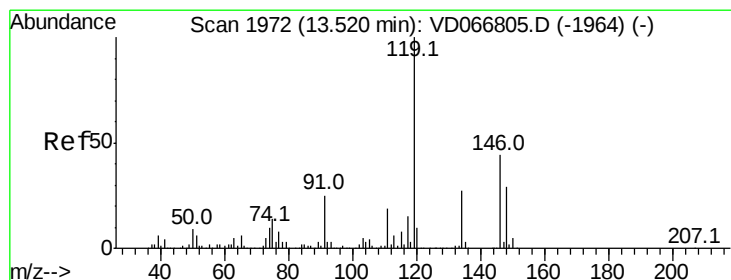
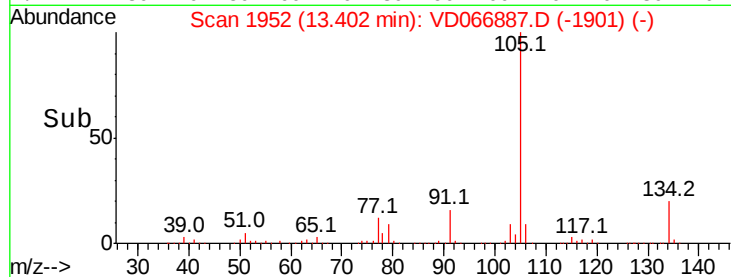
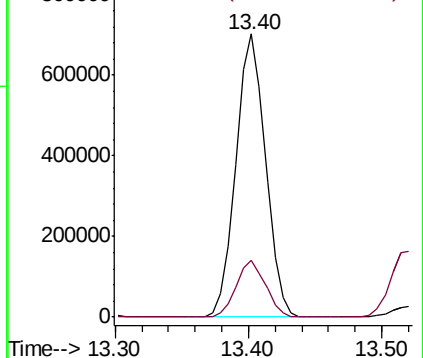
105 100

134 19.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.598 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066887.D

Acq: 25 Sep 2020 22:33

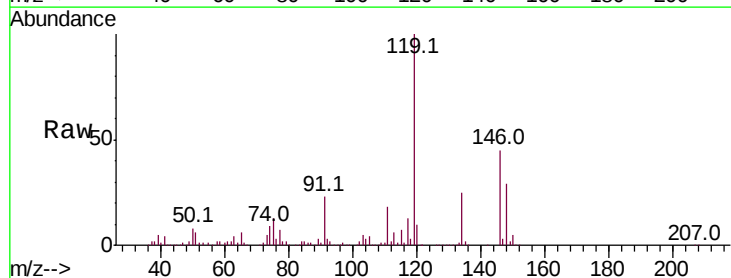
Tgt Ion:119 Resp: 992399

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

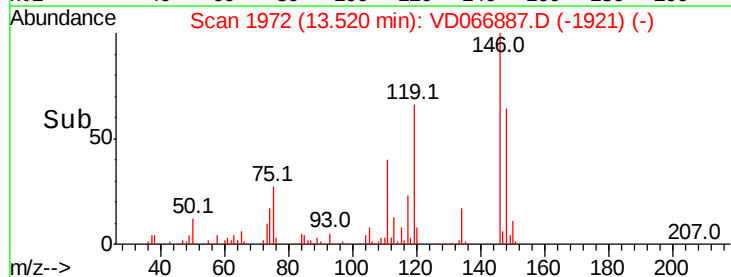
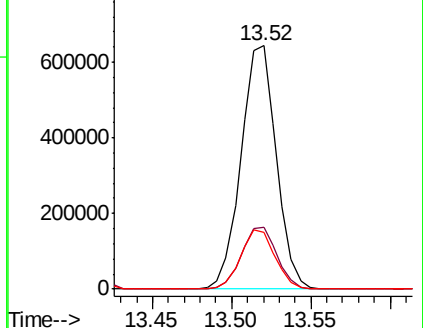
91 23.7 12.0 36.1

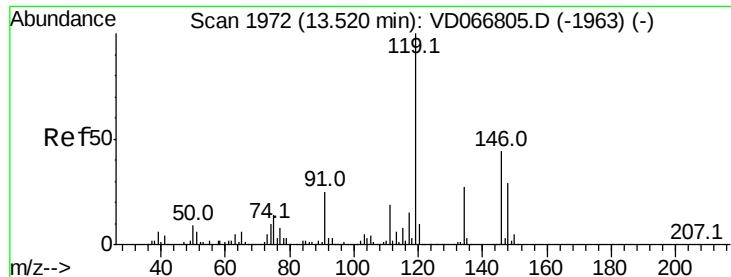


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

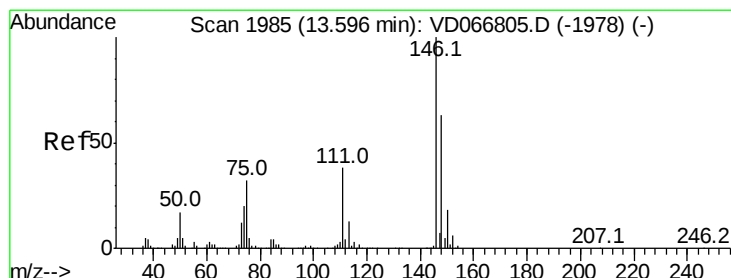
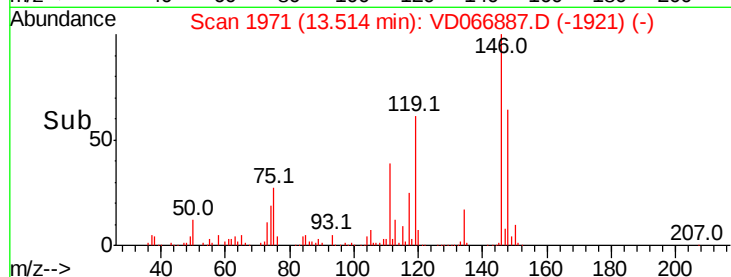
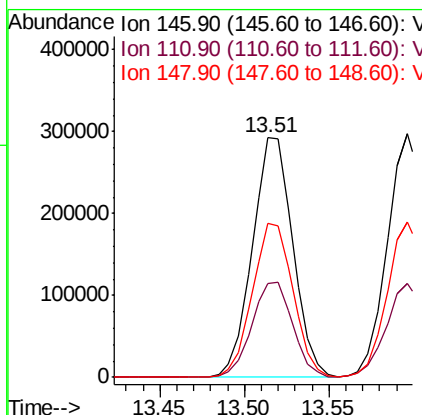
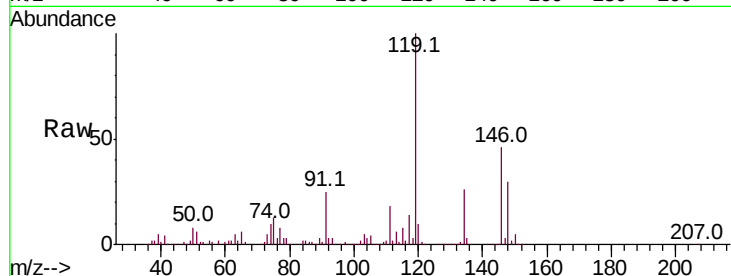




#87
 1,3-Dichlorobenzene
 Concen: 52.618 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

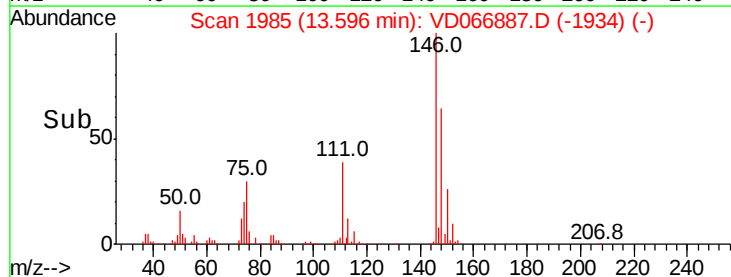
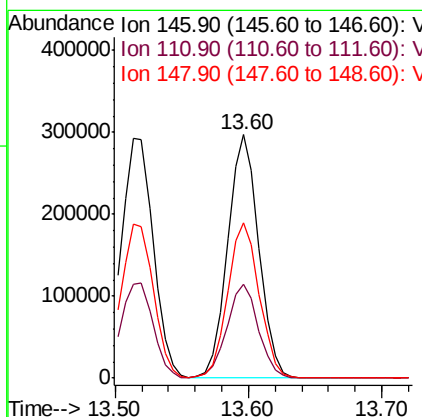
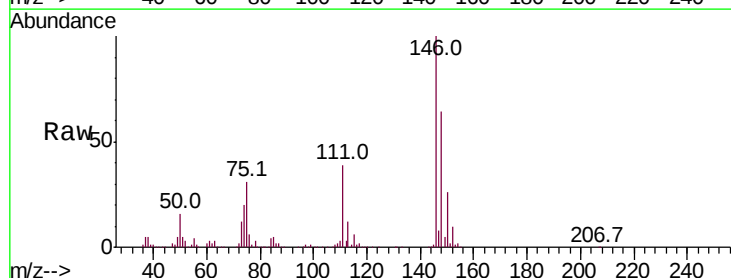
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

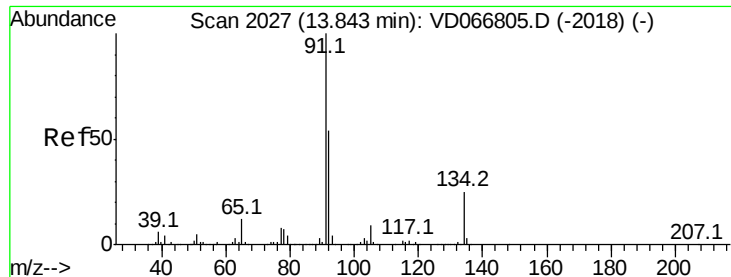
Tot Ion:146 Resp: 488970
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.170 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion:146 Resp: 481517
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.2 60.5
 148 64.5 31.6 94.7

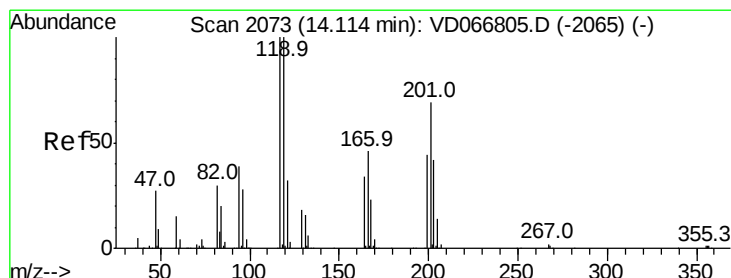
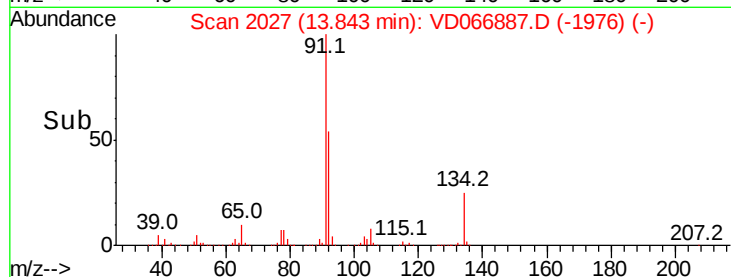
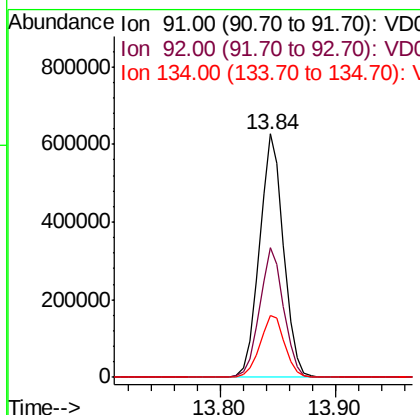
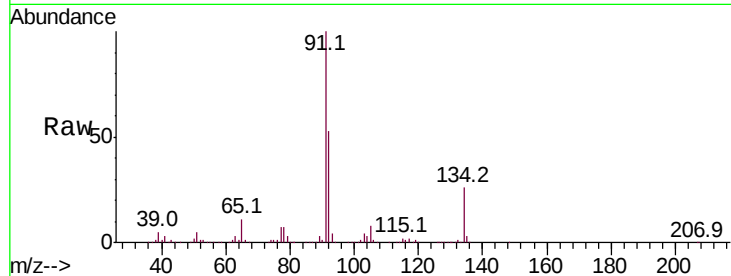




#89
n-Butylbenzene
Concen: 52.522 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

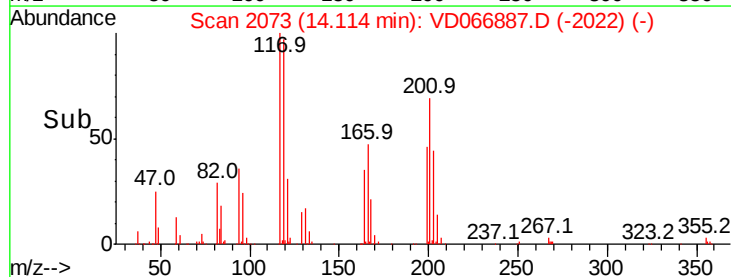
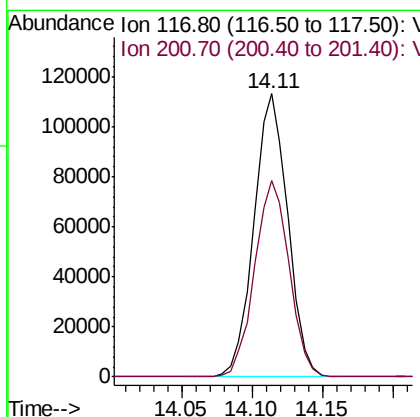
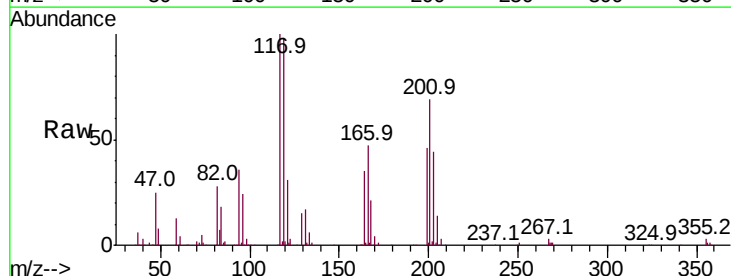
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

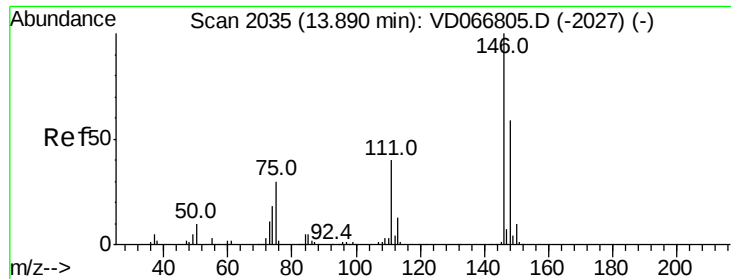
Tot Ion: 91 Resp: 907400
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 26.3 13.1 39.1



#90
Hexachloroethane
Concen: 51.713 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion: 117 Resp: 190829
Ion Ratio Lower Upper
117 100
201 70.8 33.7 101.0

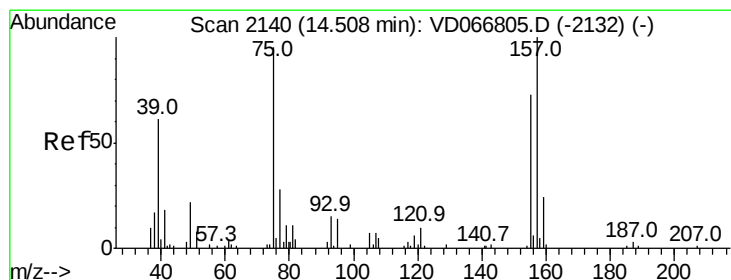
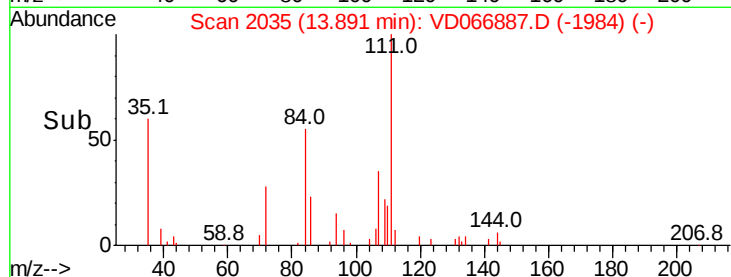
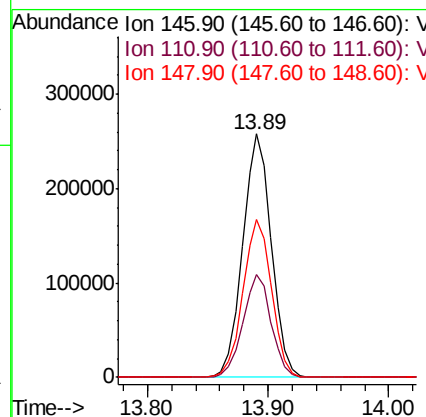
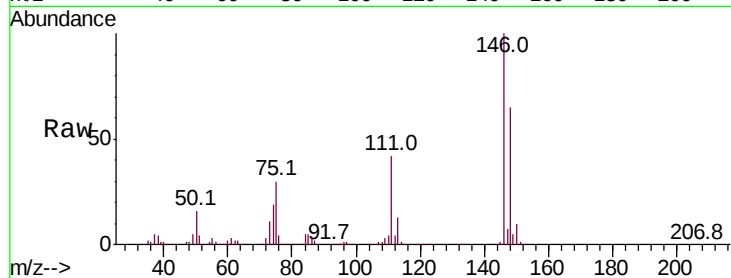




#91
 1,2-Dichlorobenzene
 Concen: 53.294 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

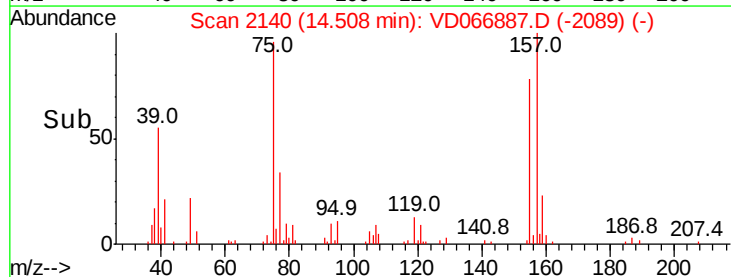
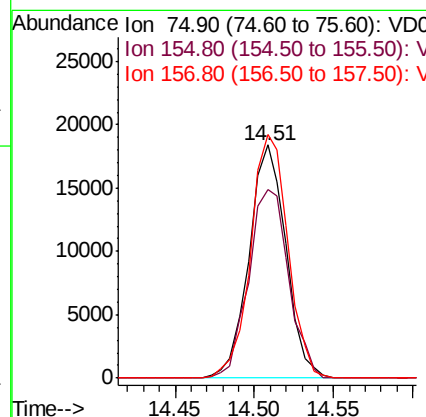
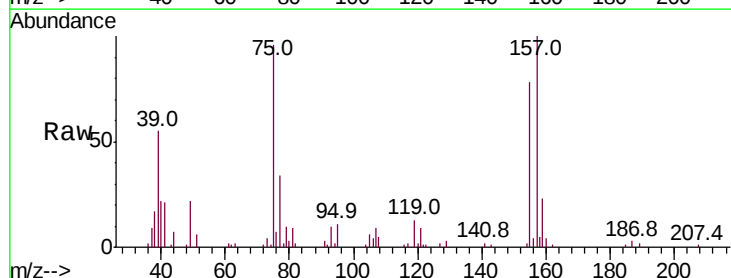
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

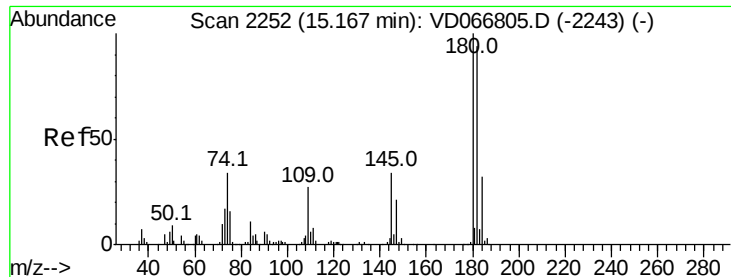
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	65.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.292 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	40.4	121.2
157	105.5	51.3	153.9

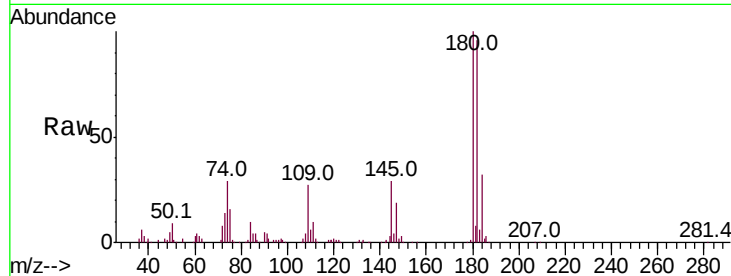




#93
 1,2,4-Trichlorobenzene
 Concen: 56.057 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.8	146.3
145	31.1	16.7	50.0

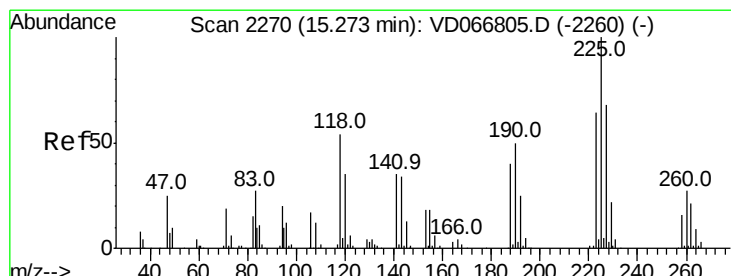
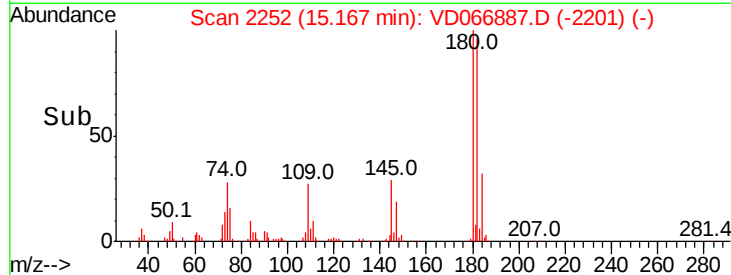
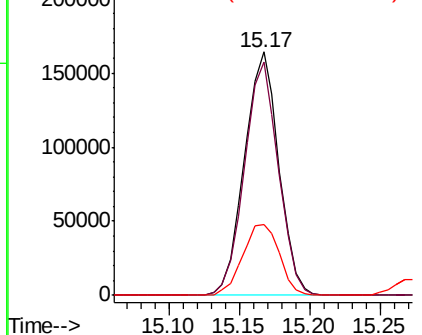


Abundance

Ion 179.80 (179.50 to 180.50): V

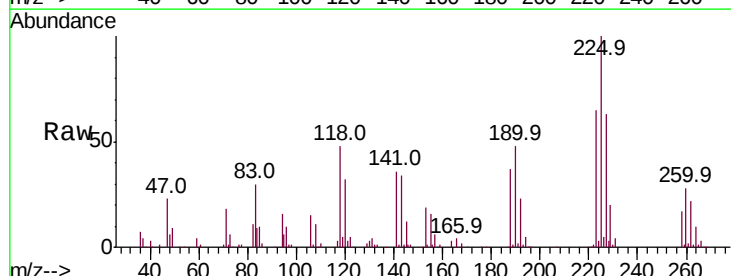
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.752 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066887.D
 Acq: 25 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.1	93.3
227	65.2	31.7	95.1

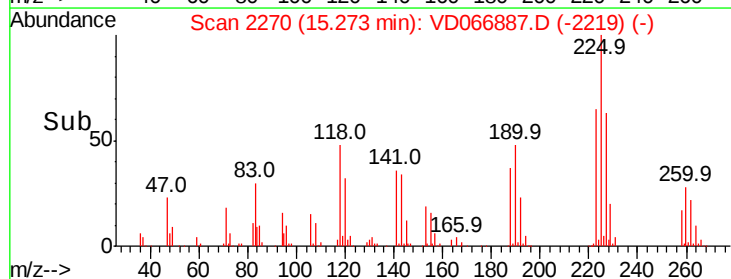
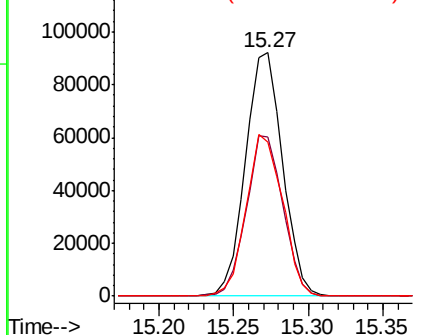


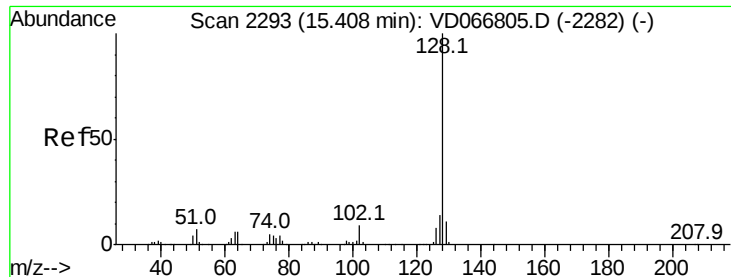
Abundance

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

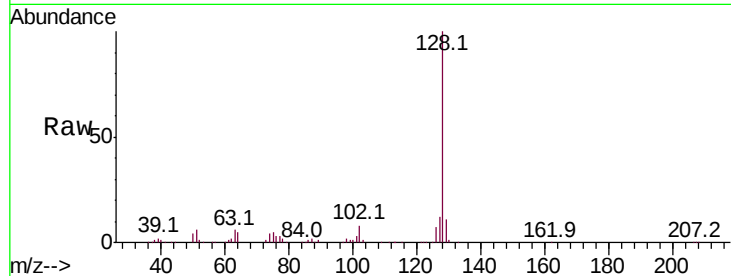




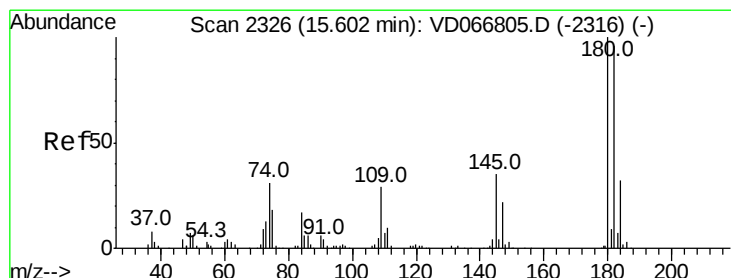
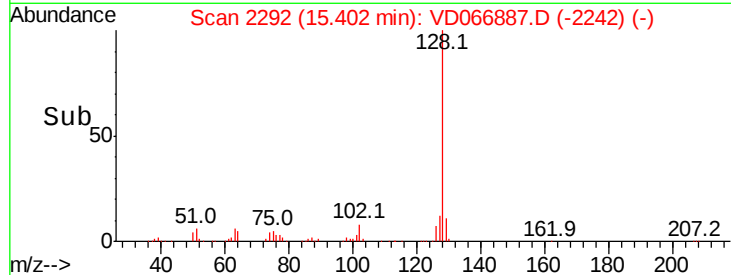
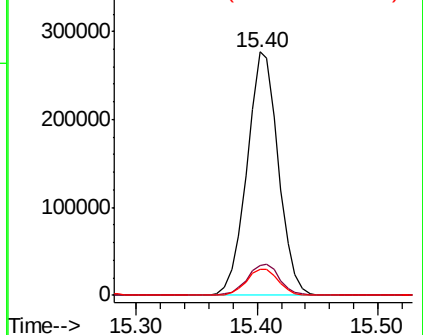
#95
Naphthalene
Concen: 59.020 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 501501
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.1 8.9 13.3

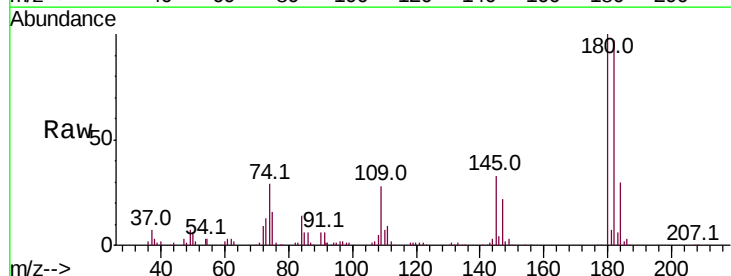


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.696 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066887.D
Acq: 25 Sep 2020 22:33

Tgt Ion:180 Resp: 244914
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.3
145 33.4 17.0 51.0



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

