

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066925.D
 Acq On : 28 Sep 2020 20:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 00:59:33 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	398144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	641620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	183952	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.91	113	193103	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	10.34	98	674302	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.63	95	236647	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	130184	46.483	ug/l	94
3) Chloromethane	2.20	50	149117	40.763	ug/l	98
4) Vinyl Chloride	2.35	62	144272	39.920	ug/l	97
5) Bromomethane	2.77	94	102983	40.542	ug/l	99
6) Chloroethane	2.92	64	96527	43.010	ug/l	96
7) Trichlorofluoromethane	3.27	101	340901	45.930	ug/l	97
8) Diethyl Ether	3.71	74	99792	52.961	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	198164	46.044	ug/l	99
10) Methyl Iodide	4.30	142	217337	57.226	ug/l	96
11) Tert butyl alcohol	5.21	59	59836	255.158	ug/l	100
12) 1,1-Dichloroethene	4.07	96	182627	46.843	ug/l	95
13) Acrolein	3.92	56	72164	251.031	ug/l	94
14) Allyl chloride	4.71	41	266915	46.623	ug/l	97
15) Acrylonitrile	5.42	53	223234	267.335	ug/l	97
16) Acetone	4.16	43	167742	202.915	ug/l	97
17) Carbon Disulfide	4.41	76	539618	45.272	ug/l	98
18) Methyl Acetate	4.71	43	99815	54.438	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	469324	55.432	ug/l	95
20) Methylene Chloride	4.96	84	244485	55.432	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	227461	50.387	ug/l	97
22) Diisopropyl ether	6.36	45	609797	51.805	ug/l	96
23) Vinyl Acetate	6.30	43	1557686	243.805	ug/l	96
24) 1,1-Dichloroethane	6.27	63	387095	49.157	ug/l	97
25) 2-Butanone	7.21	43	254870	256.557	ug/l	99
26) 2,2-Dichloropropane	7.21	77	311307	43.132	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	254516	51.890	ug/l	96
28) Bromochloromethane	7.54	49	161747	49.719	ug/l	95
29) Tetrahydrofuran	7.56	42	170329	267.587	ug/l	96
30) Chloroform	7.71	83	429979	50.655	ug/l	95
31) Cyclohexane	7.98	56	304862	43.026	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	374259	48.740	ug/l	98
36) 1,1-Dichloropropene	8.11	75	306566	48.161	ug/l	99
37) Ethyl Acetate	7.29	43	117862	51.219	ug/l #	94
38) Carbon Tetrachloride	8.09	117	339255	48.749	ug/l	99

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

39) Methylcyclohexane	9.35	83	355694	48.669	ug/l	100
40) Benzene	8.35	78	893622	50.372	ug/l	98
41) Methacrylonitrile	7.52	41	65340	46.173	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	263330	50.211	ug/l	98
43) Isopropyl Acetate	8.45	43	231498	52.180	ug/l	99
44) Trichloroethene	9.11	130	257927	51.008	ug/l	99
45) 1,2-Dichloropropane	9.38	63	226199	50.678	ug/l	94
46) Dibromomethane	9.47	93	128002	52.782	ug/l	97
47) Bromodichloromethane	9.66	83	332329	51.013	ug/l #	96
48) Methyl methacrylate	9.46	41	111503	50.976	ug/l	97
49) 1,4-Dioxane	9.46	88	29850	1095.271	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	610603	271.622	ug/l	97
52) Toluene	10.40	92	590829	51.704	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	279032	50.323	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	334215	49.433	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	176926	53.070	ug/l	96
56) Ethyl methacrylate	10.66	69	206782	57.898	ug/l	97
57) 1,3-Dichloropropane	10.94	76	293583	53.331	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	415279	245.572	ug/l	98
59) 2-Hexanone	10.98	43	414376	273.338	ug/l	95
60) Dibromochloromethane	11.14	129	239490	55.041	ug/l	99
61) 1,2-Dibromoethane	11.24	107	173297	55.886	ug/l	99
64) Tetrachloroethene	10.87	164	228596	52.641	ug/l	96
65) Chlorobenzene	11.67	112	642043	51.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	251263	52.829	ug/l	98
67) Ethyl Benzene	11.74	91	1118433	50.675	ug/l	96
68) m/p-Xylenes	11.85	106	875000	104.712	ug/l	98
69) o-Xylene	12.18	106	409537	54.200	ug/l	95
70) Styrene	12.20	104	708094	53.963	ug/l	99
71) Bromoform	12.36	173	134062	55.671	ug/l #	98
73) Isopropylbenzene	12.48	105	1079855	51.175	ug/l	99
74) N-amyl acetate	12.29	43	214706	52.104	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	186676	51.269	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	257195	106.249	ug/l #	100
77) Bromobenzene	12.76	156	261191	52.925	ug/l	95
78) n-propylbenzene	12.82	91	1252956	49.357	ug/l	97
79) 2-Chlorotoluene	12.91	91	720220	49.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	908336	50.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	40919	42.292	ug/l	98
82) 4-Chlorotoluene	13.01	91	774381	50.781	ug/l	99
83) tert-Butylbenzene	13.23	119	759013	51.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	918810	51.751	ug/l	100
85) sec-Butylbenzene	13.40	105	1063827	50.283	ug/l	99
86) p-Isopropyltoluene	13.52	119	982770	51.533	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	489206	50.175	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	486406	50.229	ug/l	99
89) n-Butylbenzene	13.84	91	888909	49.039	ug/l	99
90) Hexachloroethane	14.11	117	183038	47.276	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	426650	51.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29092	49.668	ug/l	84

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

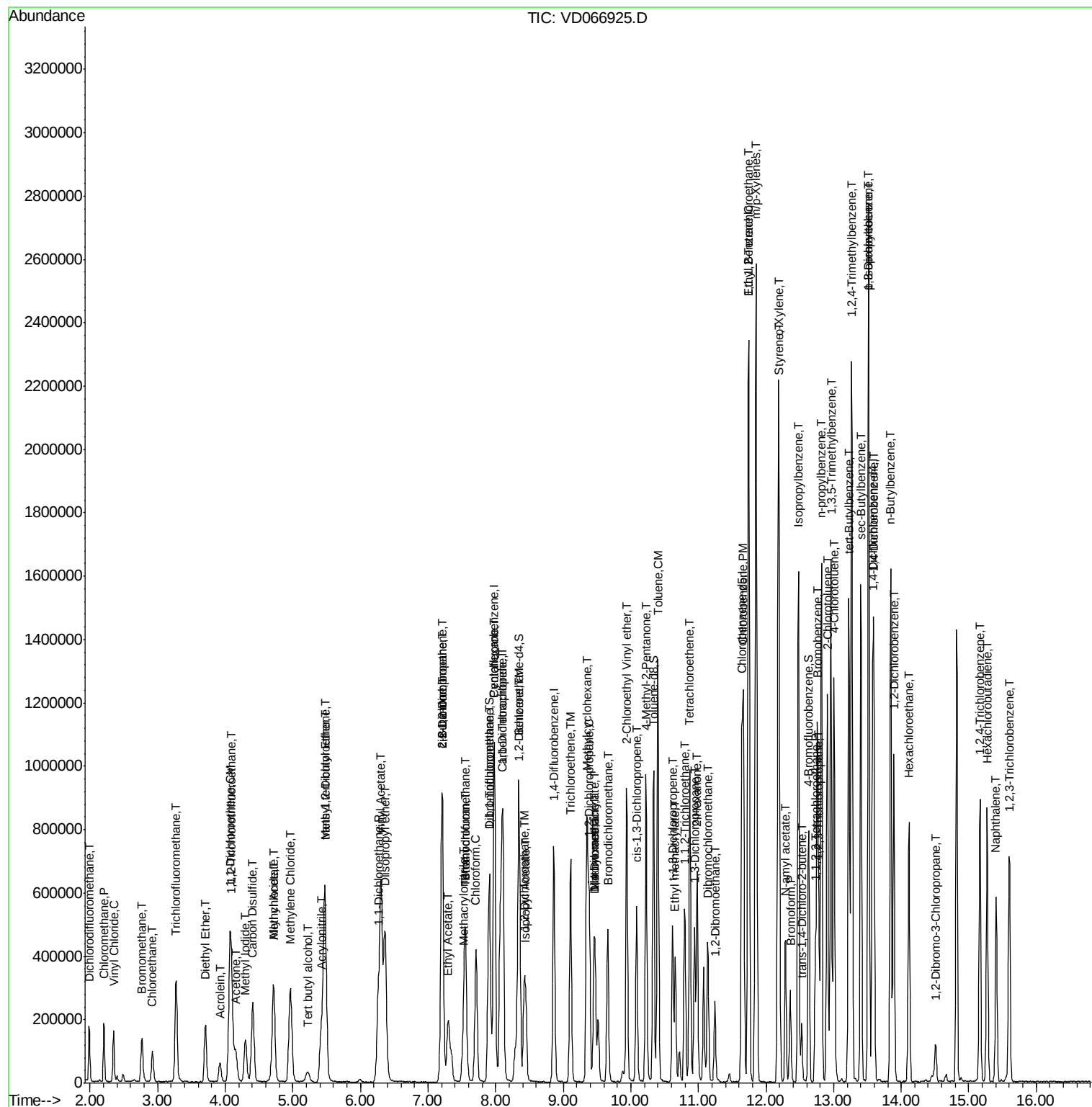
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	281331	53.576	ug/l	98
94) Hexachlorobutadiene	15.27	225	159668	50.741	ug/l	99
95) Naphthalene	15.40	128	528561	59.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	250498	55.270	ug/l	98

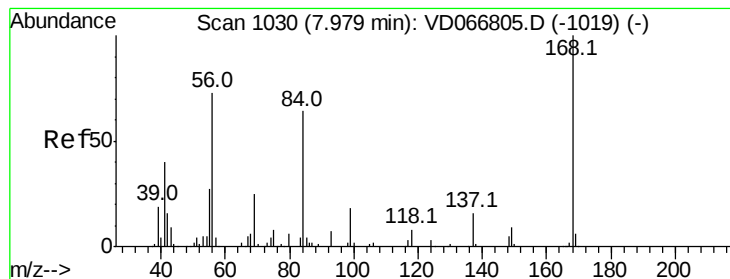
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

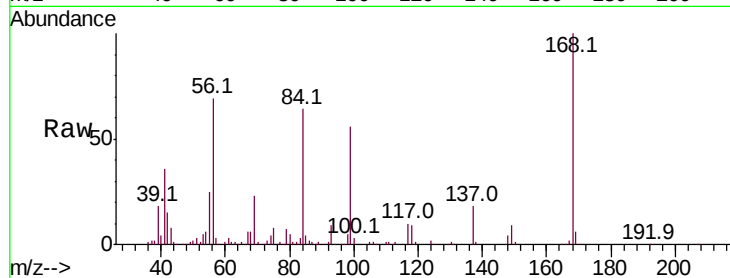
VSTDCCC050EC

Tot Ion:168 Resp: 398144

Ion Ratio Lower Upper

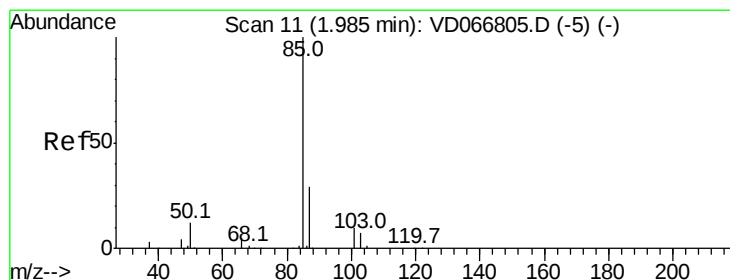
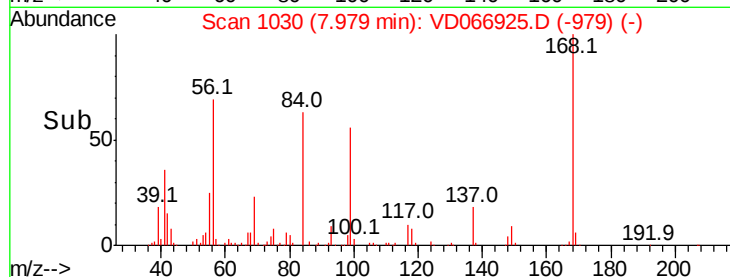
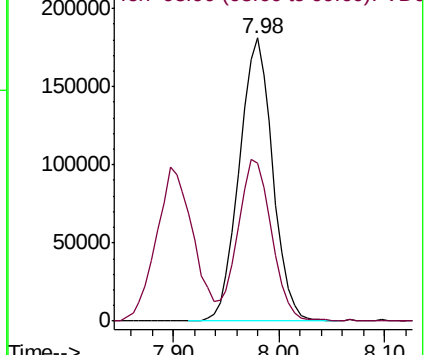
168 100

99 55.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.483 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066925.D

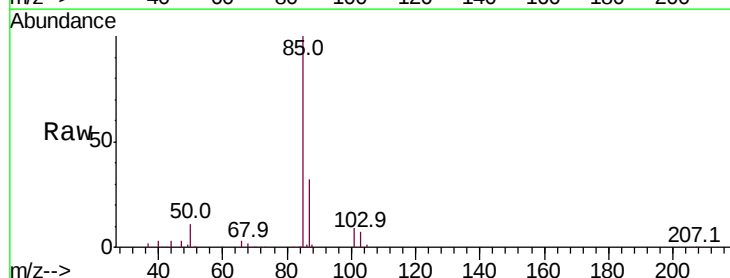
Acq: 28 Sep 2020 20:40

Tgt Ion: 85 Resp: 130184

Ion Ratio Lower Upper

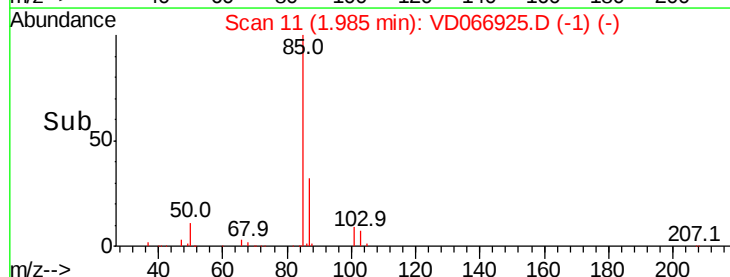
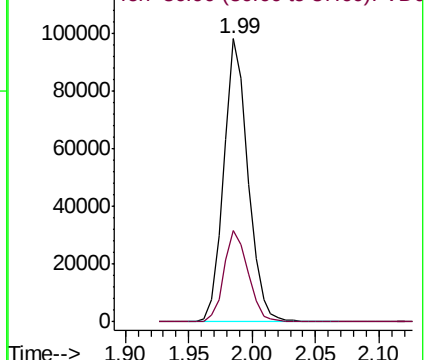
85 100

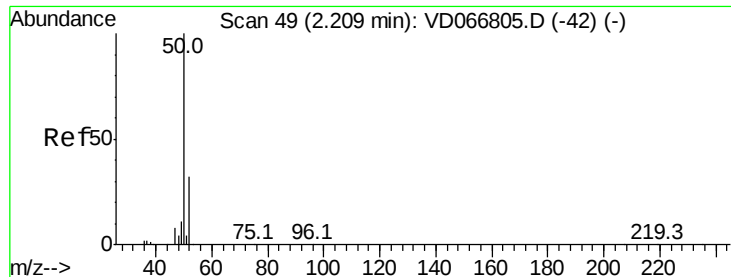
87 32.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.763 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

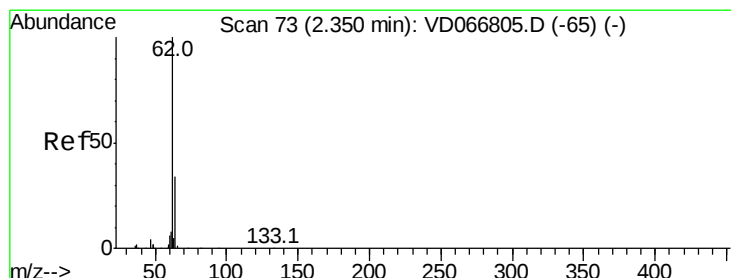
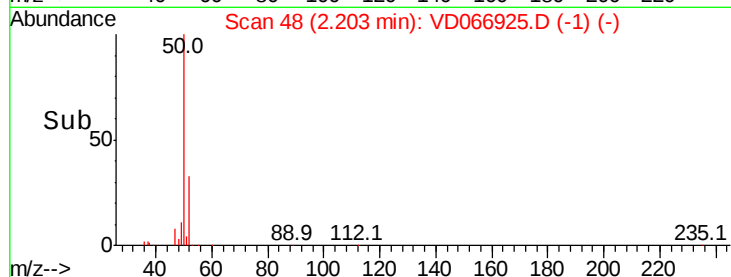
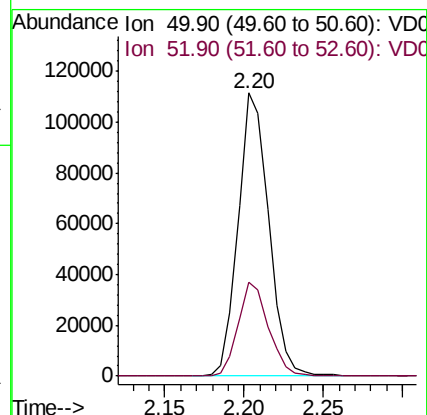
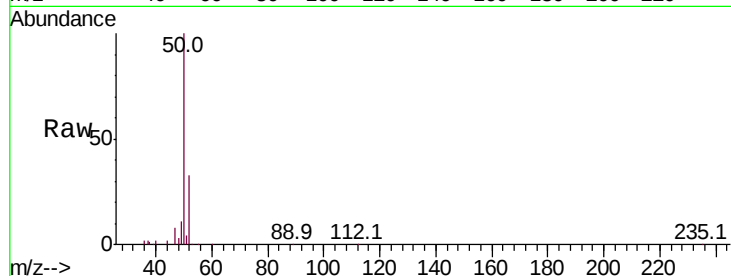
VSTDCCC050EC

Tot Ion: 50 Resp: 149117

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 39.920 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066925.D

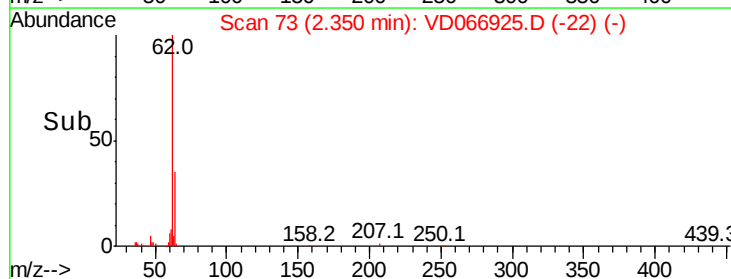
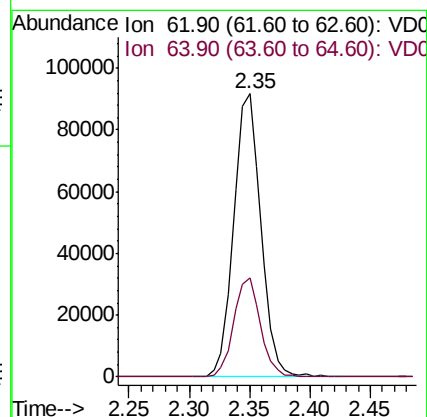
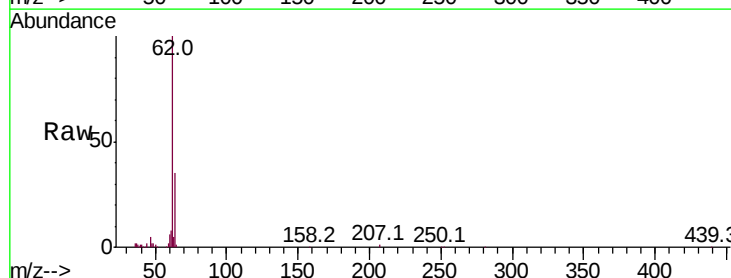
Acq: 28 Sep 2020 20:40

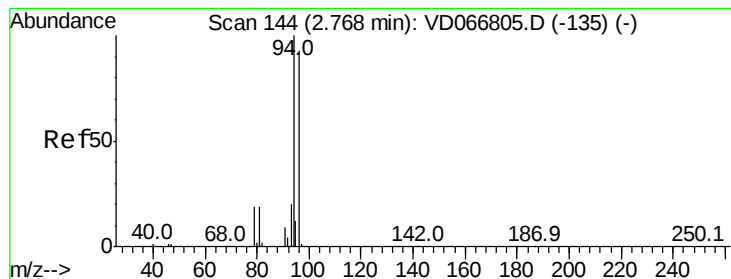
Tgt Ion: 62 Resp: 144272

Ion Ratio Lower Upper

62 100

64 35.2 27.0 40.4





#5

Bromomethane

Concen: 40.542 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

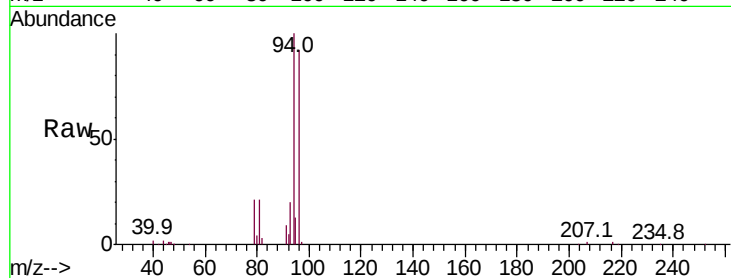
VSTDCCC050EC

Tot Ion: 94 Resp: 102983

Ion Ratio Lower Upper

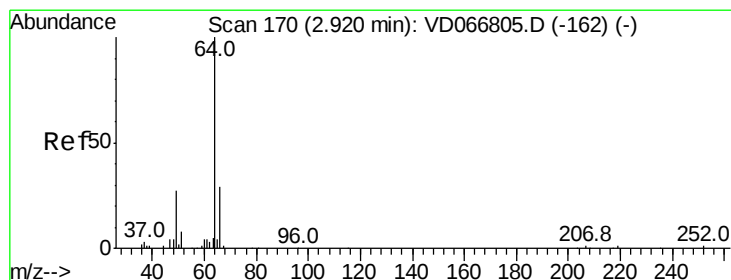
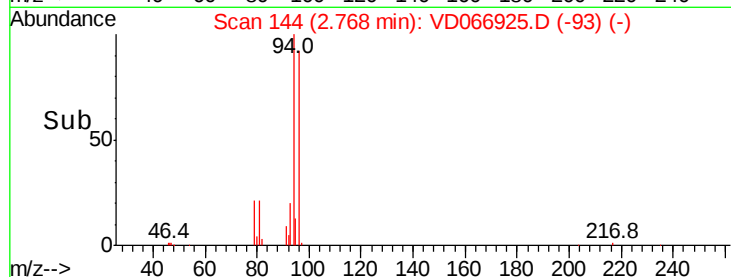
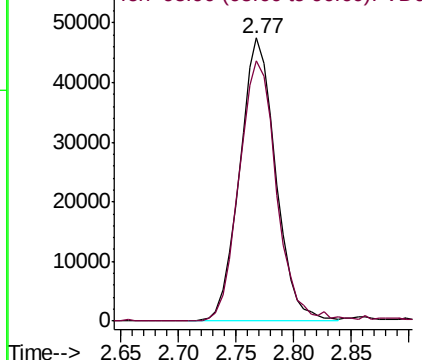
94 100

96 91.9 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: 43.010 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066925.D

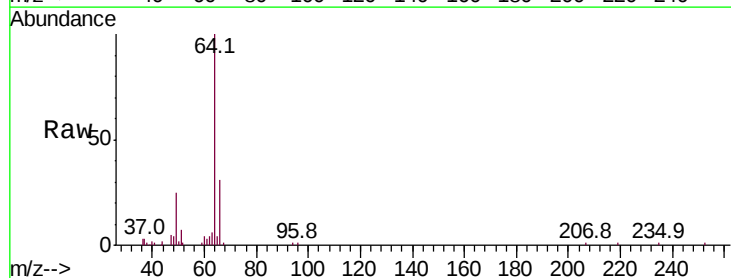
Acq: 28 Sep 2020 20:40

Tgt Ion: 64 Resp: 96527

Ion Ratio Lower Upper

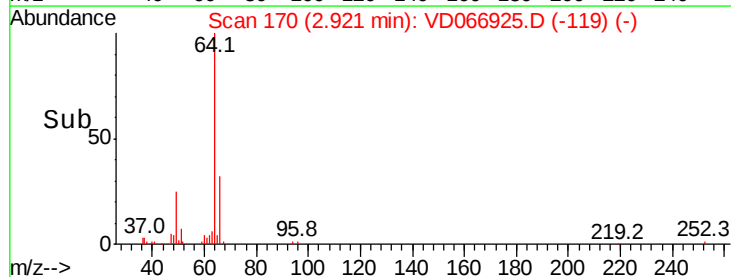
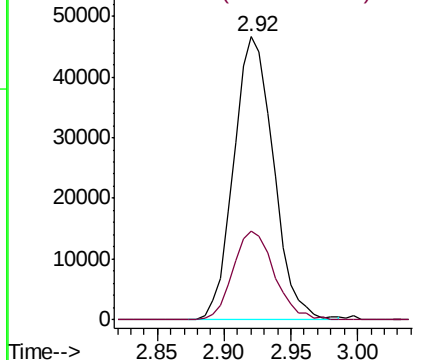
64 100

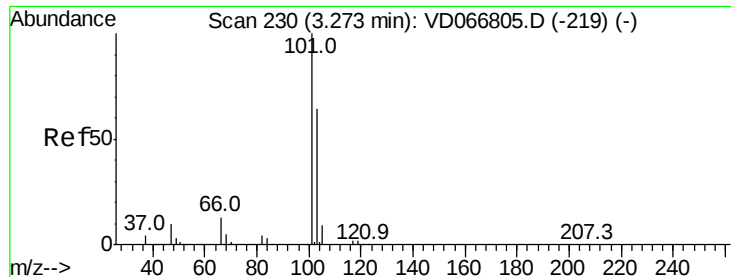
66 31.5 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



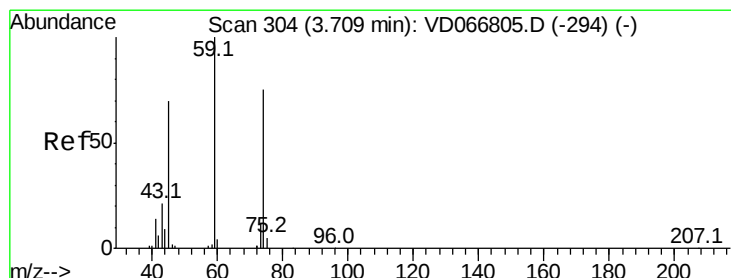
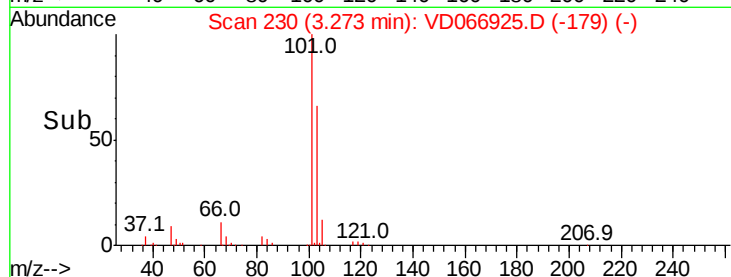
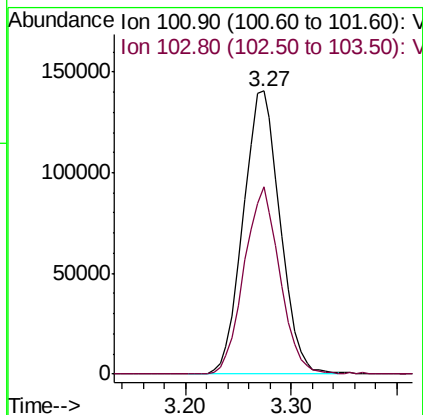
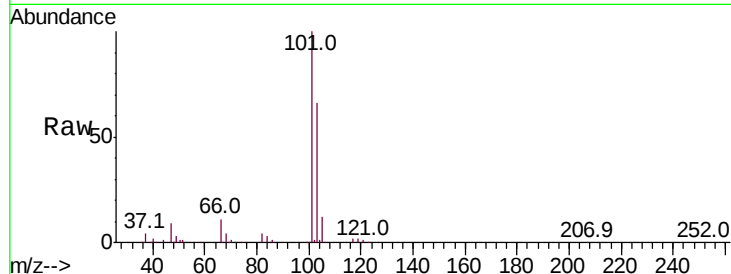


#7

Trichlorofluoromethane
Concen: 45.930 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

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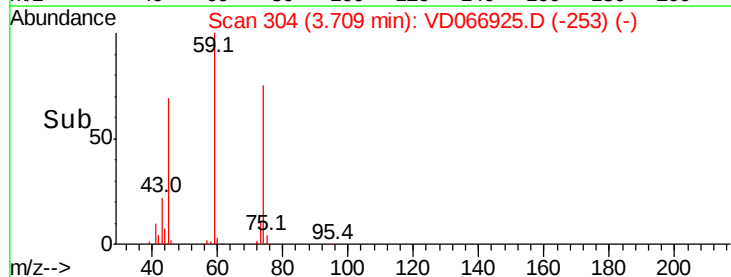
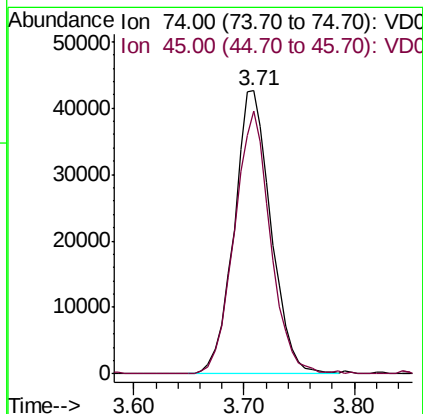
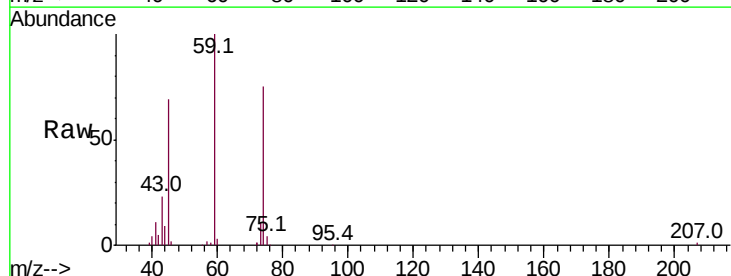
Tot Ion:101 Resp: 340901
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.6

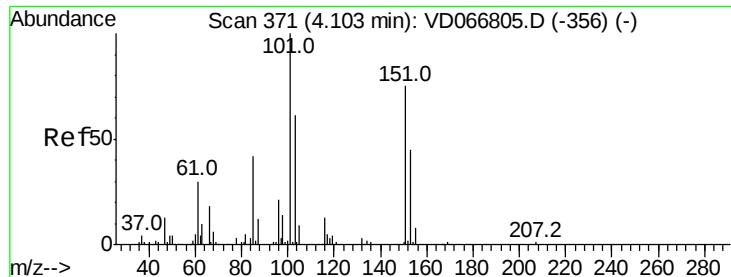


#8

Diethyl Ether
Concen: 52.961 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 74 Resp: 99792
Ion Ratio Lower Upper
74 100
45 90.6 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.044 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

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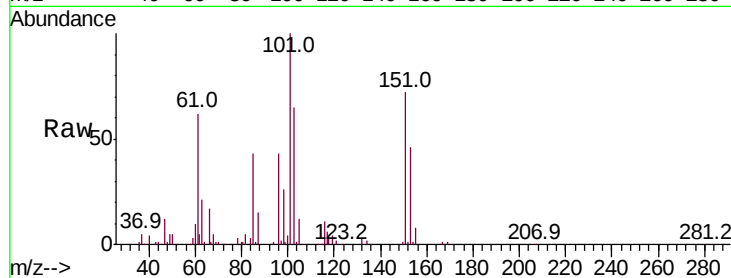
Tot Ion:101 Resp: 198164

Ion Ratio Lower Upper

101 100

85 44.7 35.4 53.2

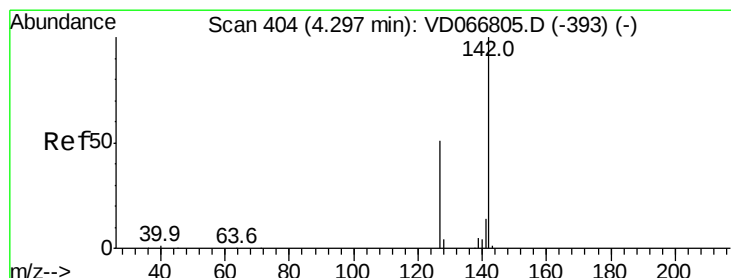
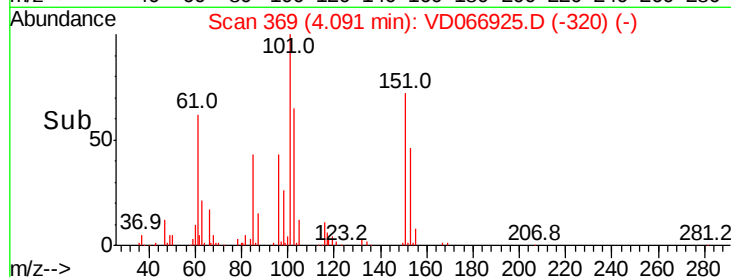
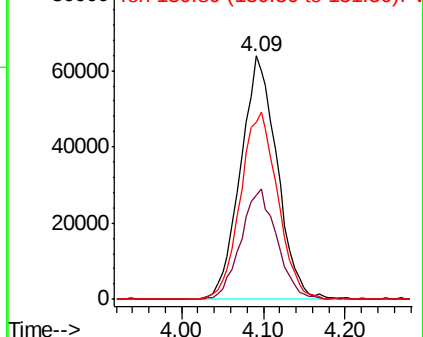
151 78.4 61.4 92.0



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: 57.226 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

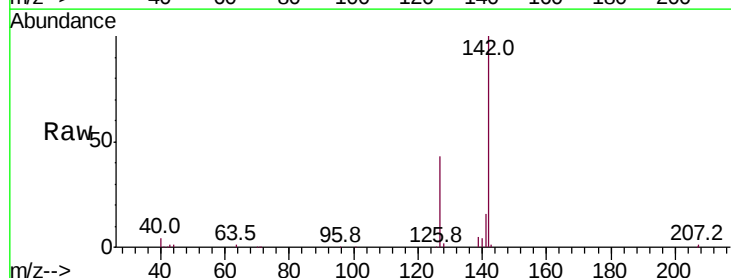
Tgt Ion:142 Resp: 217337

Ion Ratio Lower Upper

142 100

127 45.5 39.4 59.0

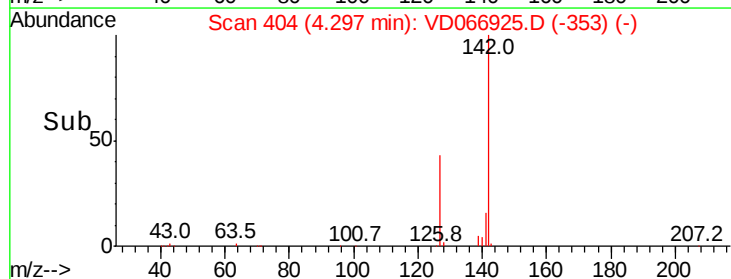
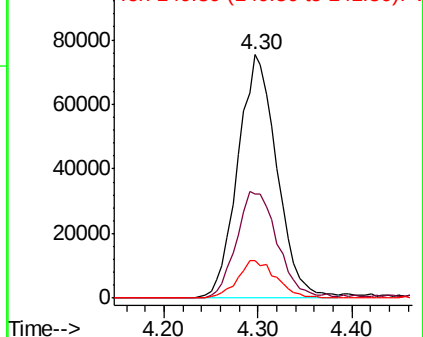
141 15.1 12.1 18.1

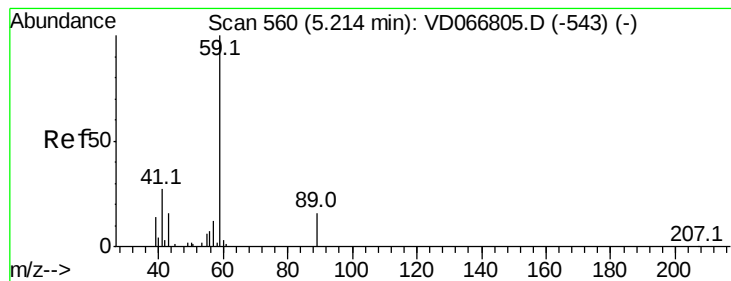


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 255.158 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

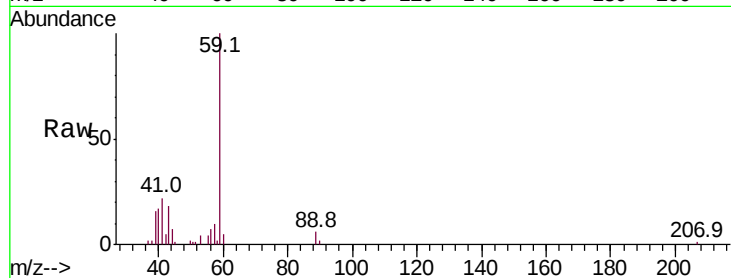
VSTDCCC050EC

Tot Ion: 59 Resp: 59836

Ion Ratio Lower Upper

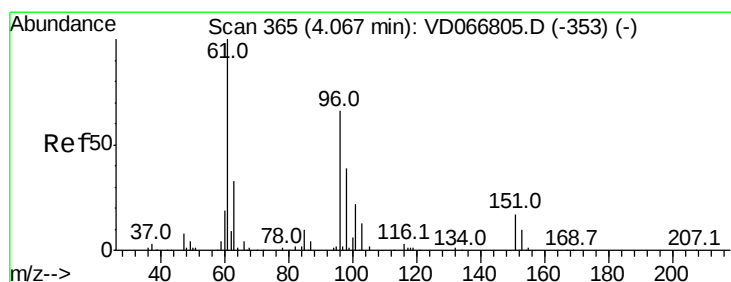
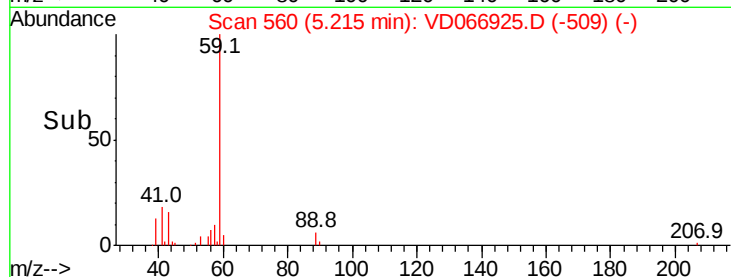
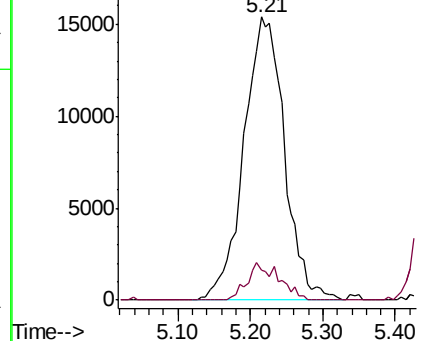
59 100

57 10.3 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: 46.843 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

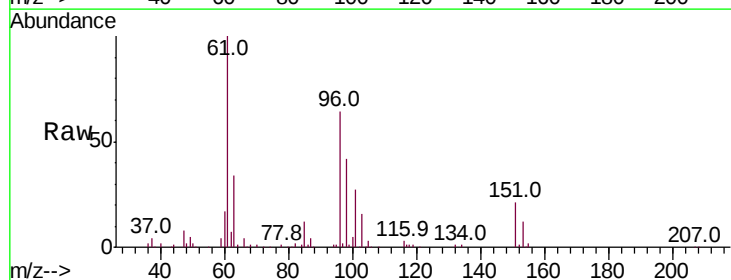
Tgt Ion: 96 Resp: 182627

Ion Ratio Lower Upper

96 100

61 156.0 120.8 181.2

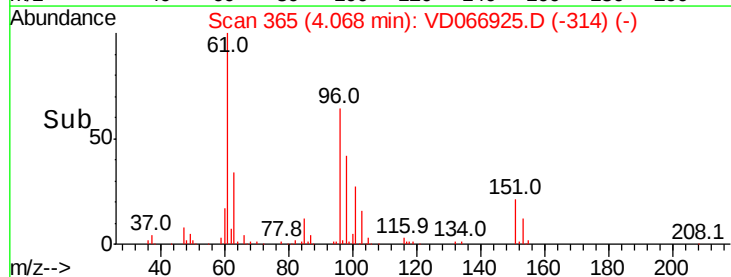
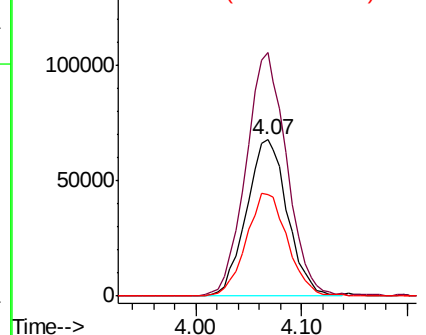
98 65.0 47.7 71.5

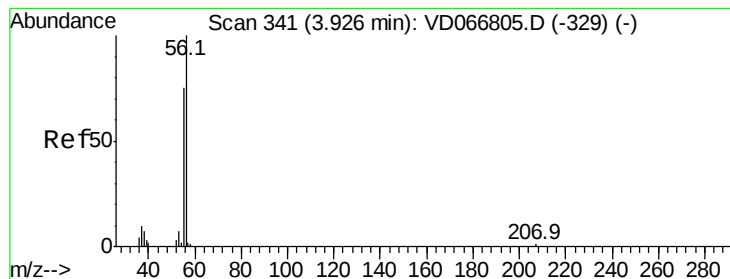


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 251.031 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

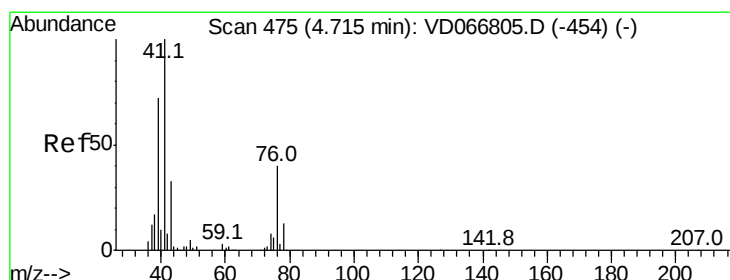
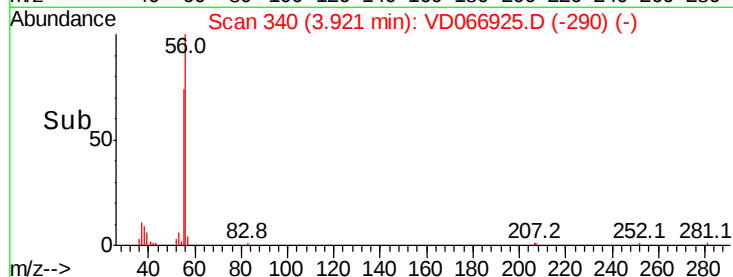
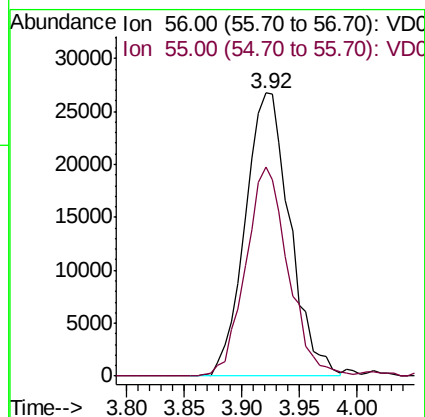
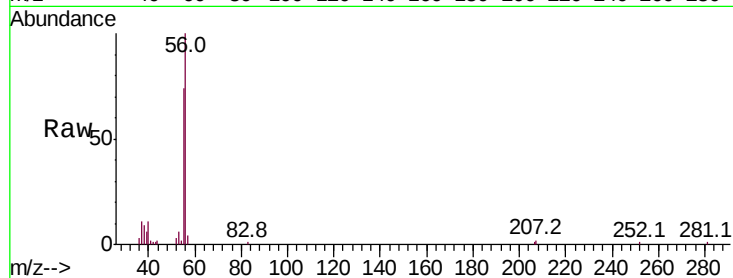
VSTDCCC050EC

Tot Ion: 56 Resp: 72164

Ion Ratio Lower Upper

56 100

55 70.3 60.3 90.5



#14

Allyl chloride

Concen: 46.623 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

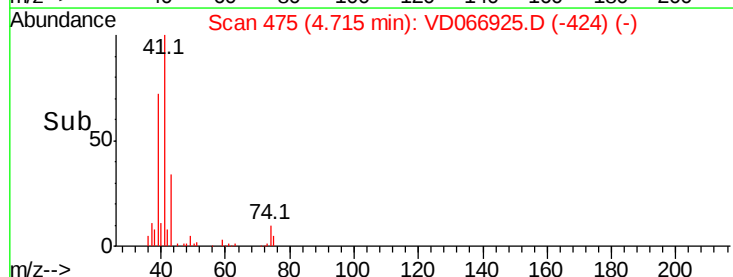
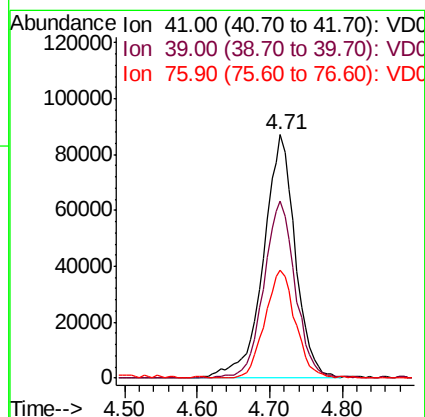
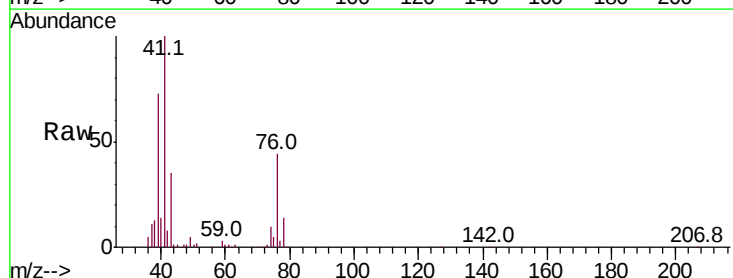
Tgt Ion: 41 Resp: 266915

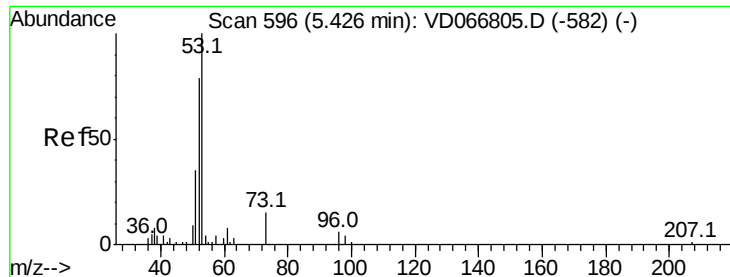
Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

76 42.7 30.9 46.3





#15

Acrylonitrile

Concen: 267.335 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

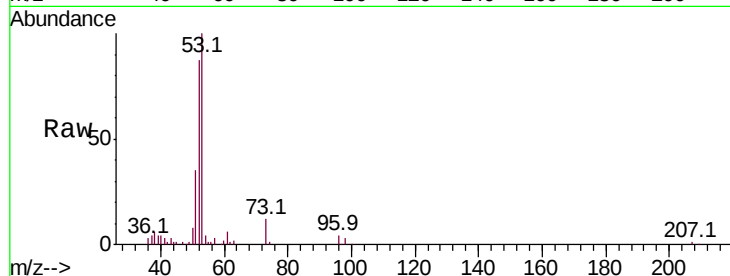
Tot Ion: 53 Resp: 223234

Ion Ratio Lower Upper

53 100

52 79.7 65.2 97.8

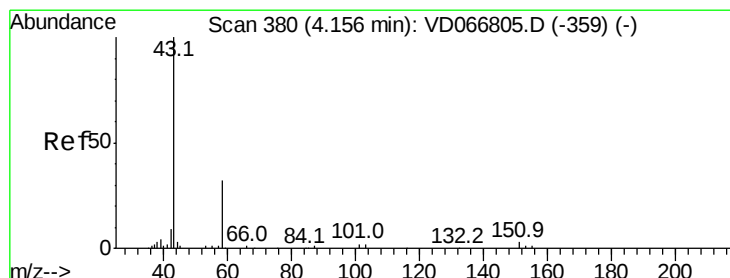
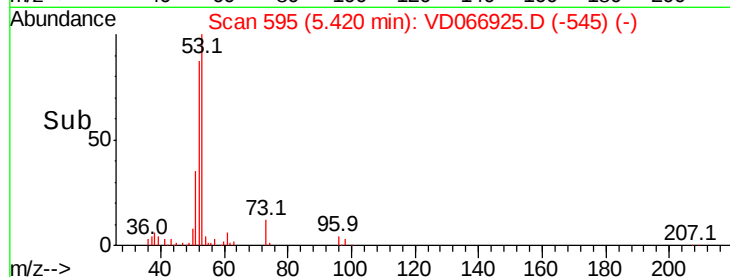
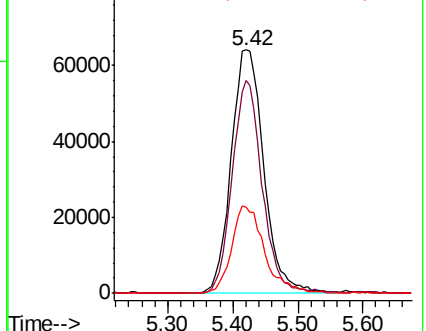
51 35.8 30.6 46.0



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: 202.915 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066925.D

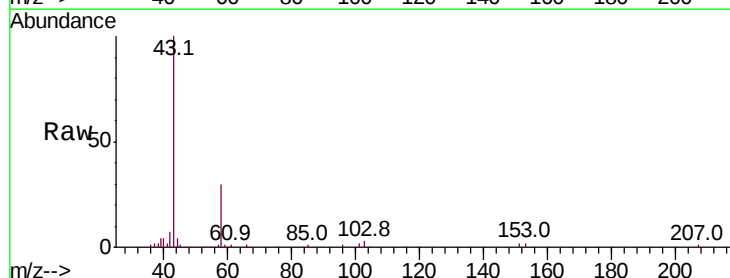
Acq: 28 Sep 2020 20:40

Tgt Ion: 43 Resp: 167742

Ion Ratio Lower Upper

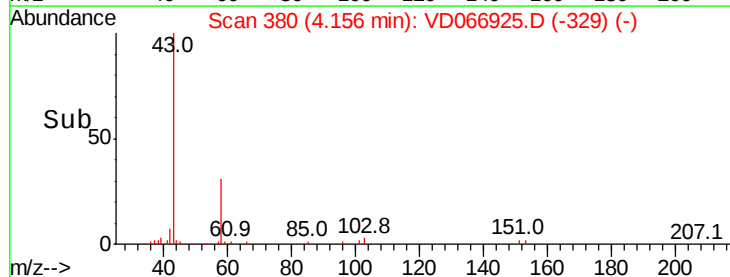
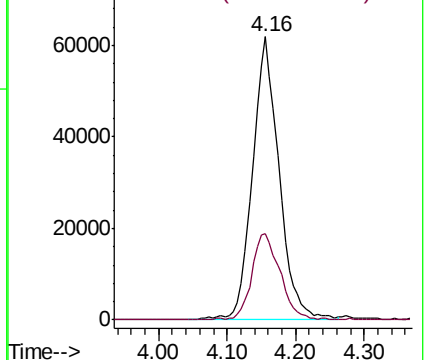
43 100

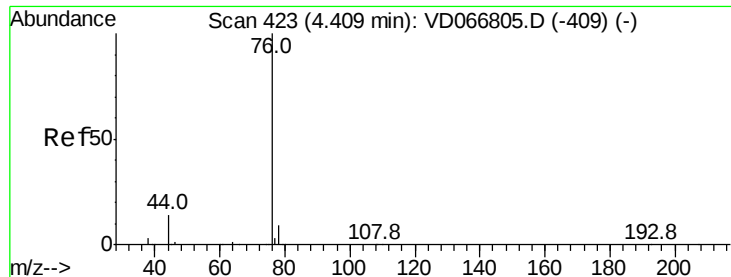
58 30.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 45.272 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

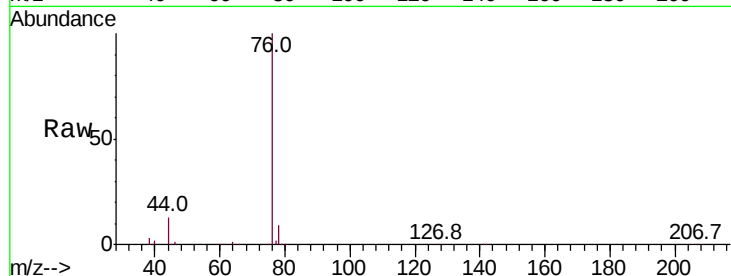
VSTDCCC050EC

Tot Ion: 76 Resp: 539618

Ion Ratio Lower Upper

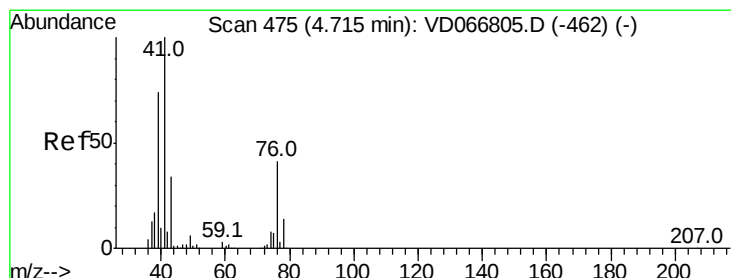
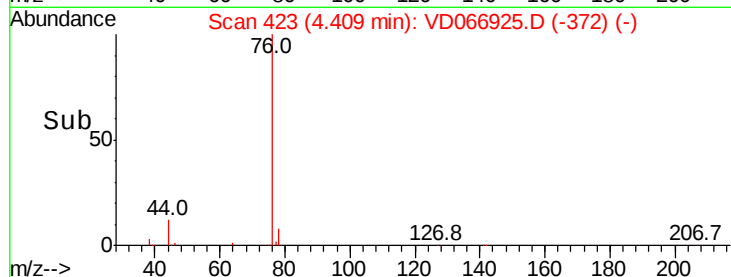
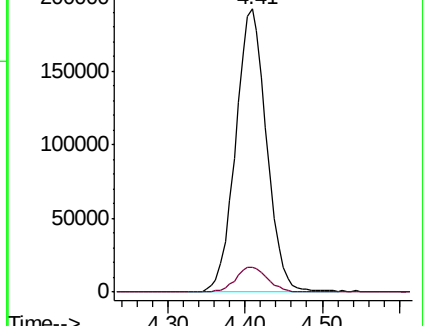
76 100

78 8.7 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: 54.438 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066925.D

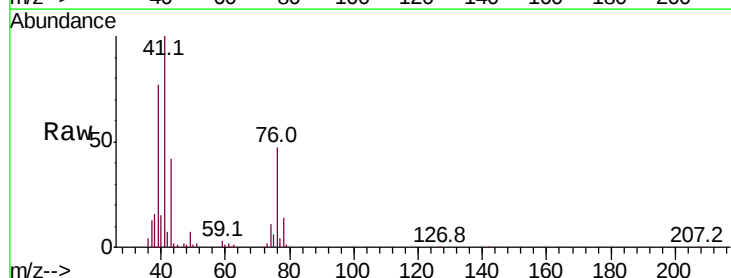
Acq: 28 Sep 2020 20:40

Tgt Ion: 43 Resp: 99815

Ion Ratio Lower Upper

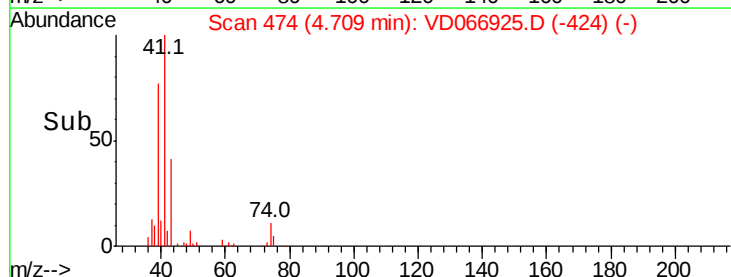
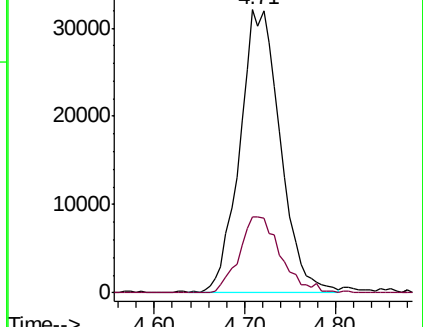
43 100

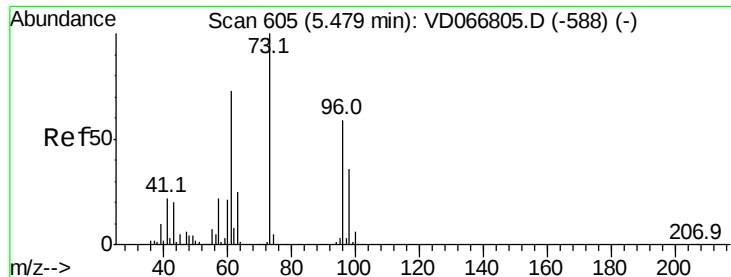
74 27.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



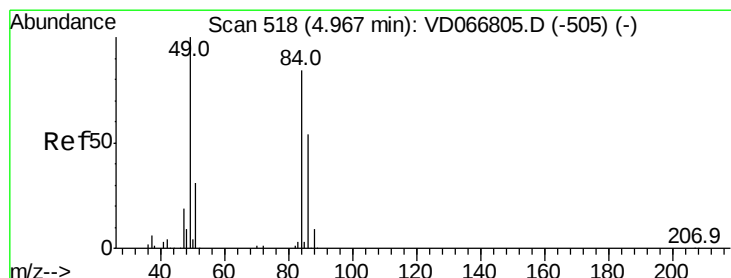
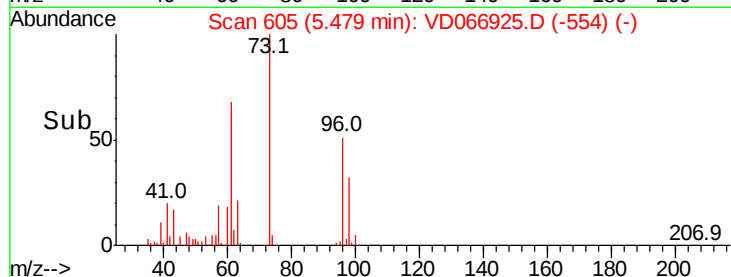
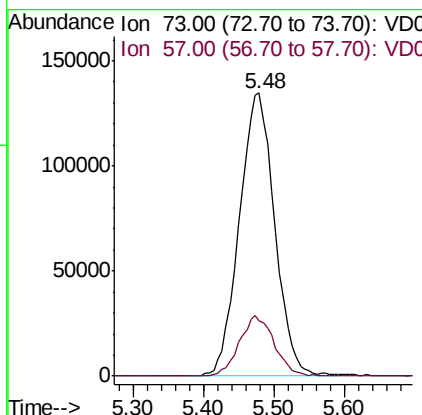
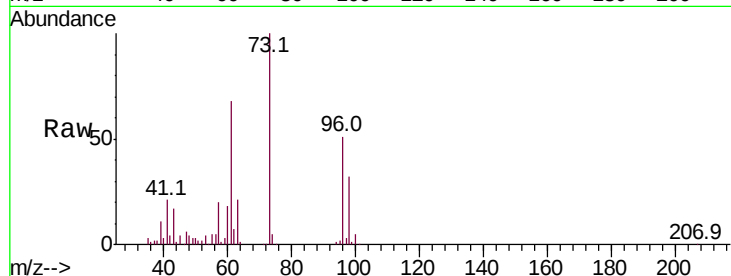


#19

Methyl tert-butyl Ether
 Concen: 55.432 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

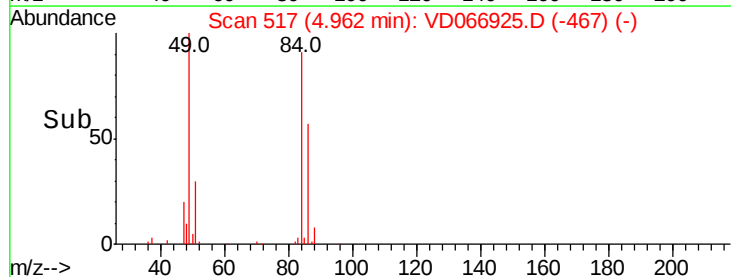
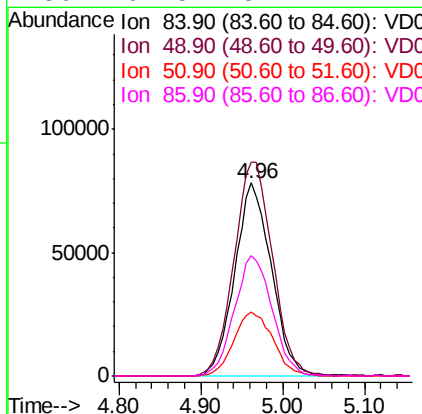
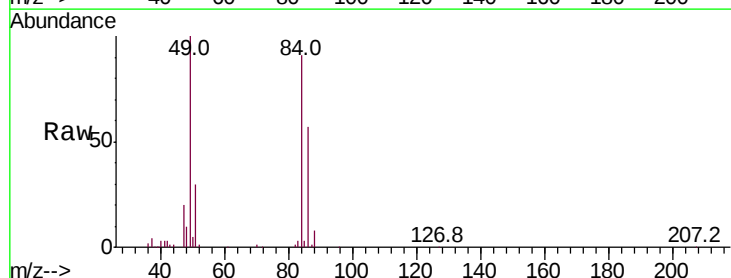
Tot Ion: 73 Resp: 469324
 Ion Ratio Lower Upper
 73 100
 57 19.6 17.4 26.2

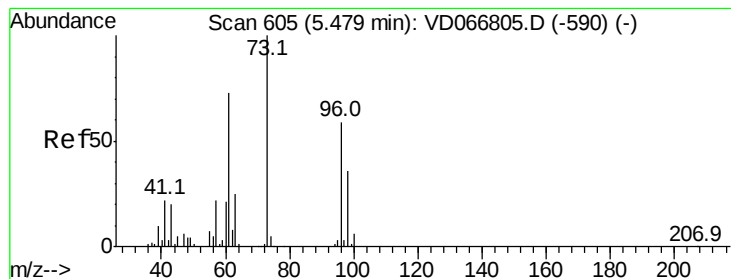


#20

Methylene Chloride
 Concen: 55.432 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 84 Resp: 244485
 Ion Ratio Lower Upper
 84 100
 49 110.3 95.4 143.2
 51 33.1 29.7 44.5
 86 62.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.387 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

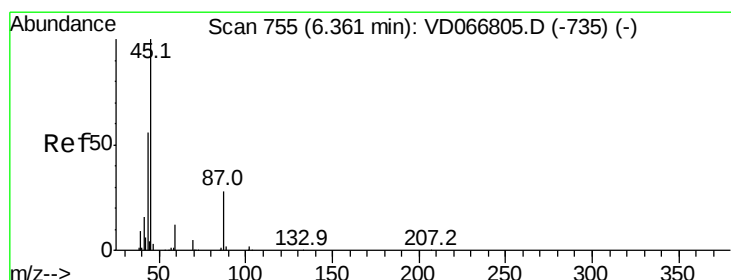
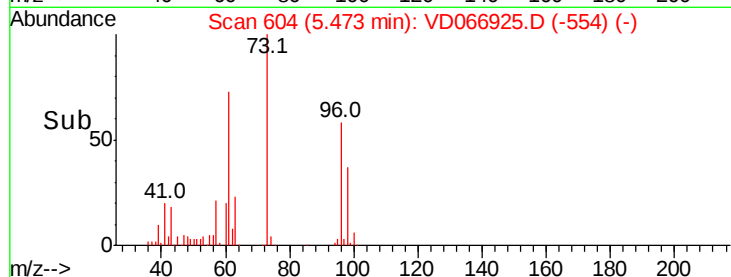
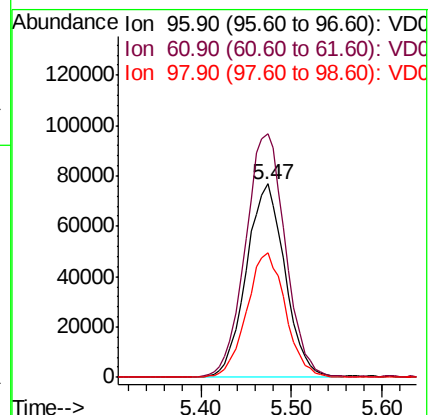
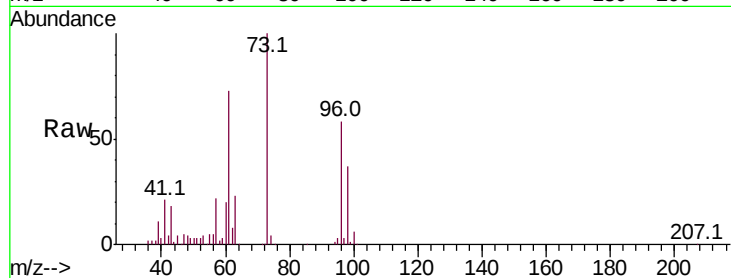
Tot Ion: 96 Resp: 227461

Ion Ratio Lower Upper

96 100

61 125.8 98.9 148.3

98 64.6 48.4 72.6



#22

Diisopropyl ether

Concen: 51.805 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion: 45 Resp: 609797

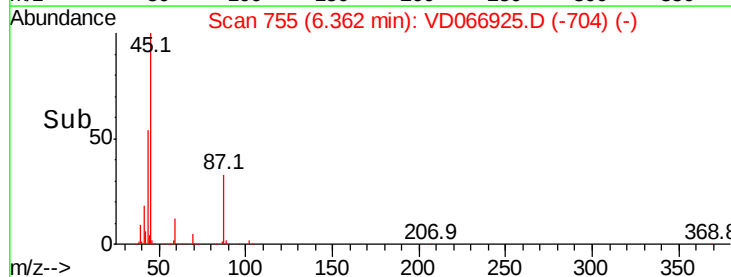
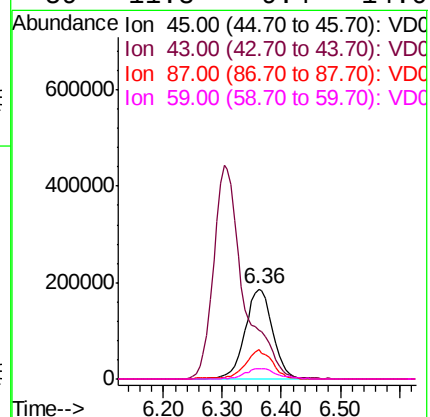
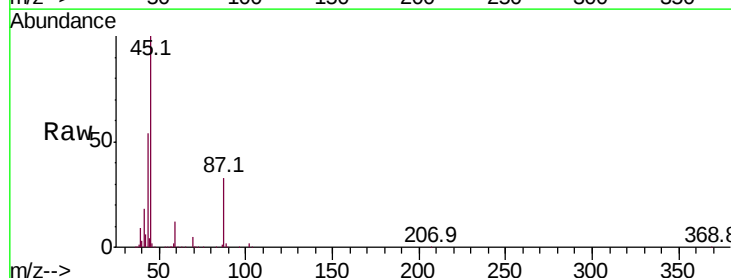
Ion Ratio Lower Upper

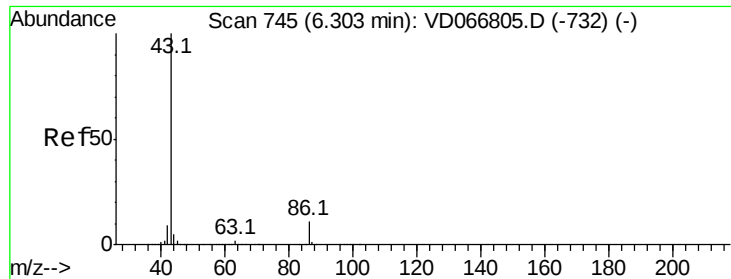
45 100

43 52.9 44.5 66.7

87 32.6 22.9 34.3

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 243.805 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

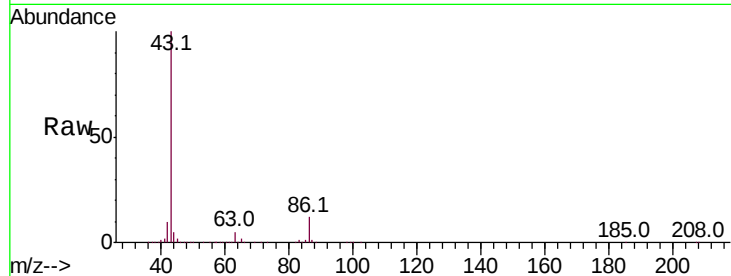
VSTDCCC050EC

Tot Ion: 43 Resp: 1557686

Ion Ratio Lower Upper

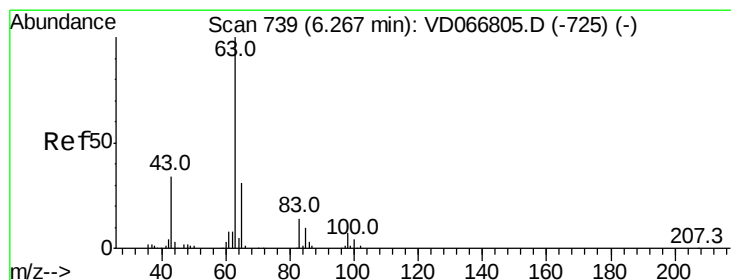
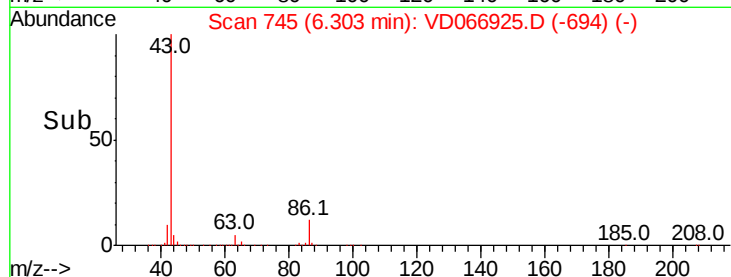
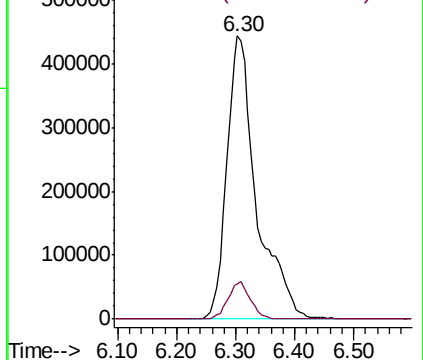
43 100

86 12.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.157 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

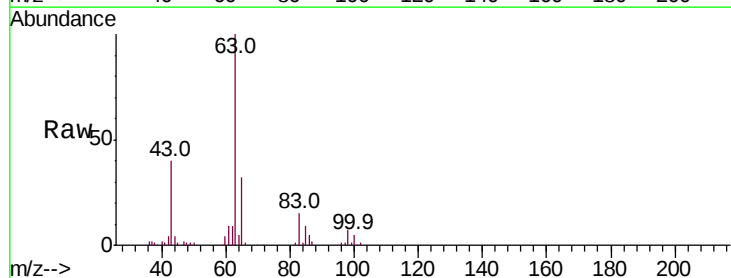
Tgt Ion: 63 Resp: 387095

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

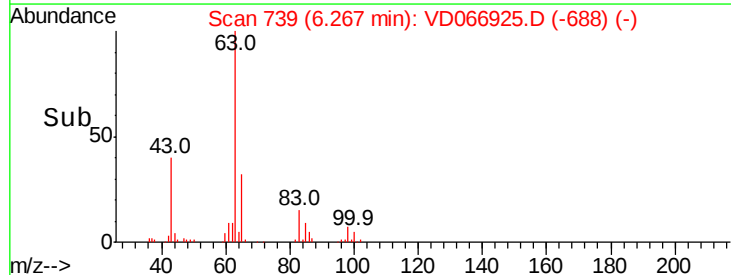
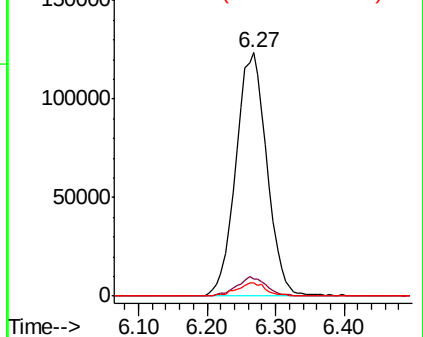
100 5.5 1.8 5.5

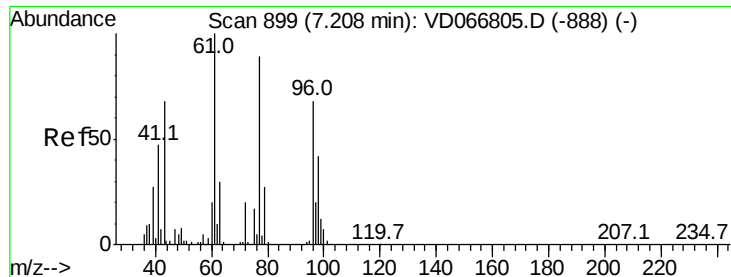


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

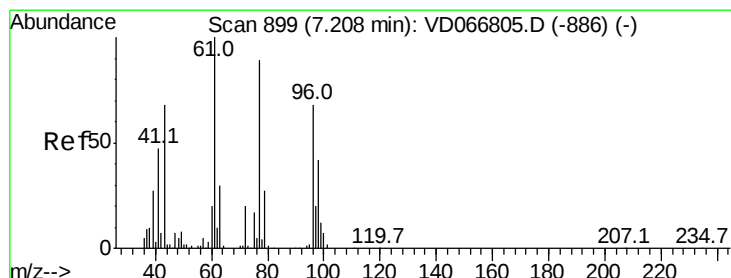
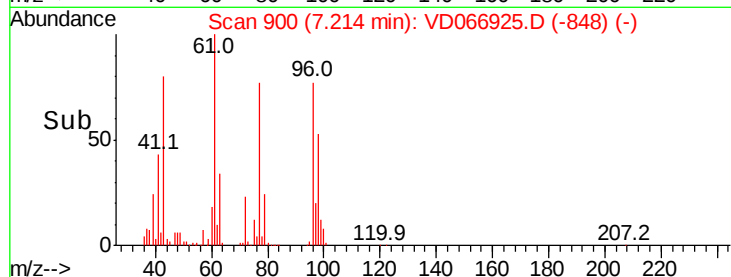
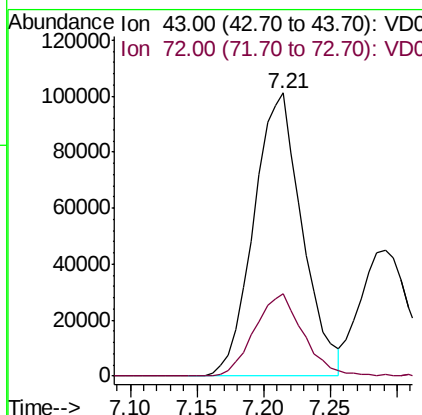
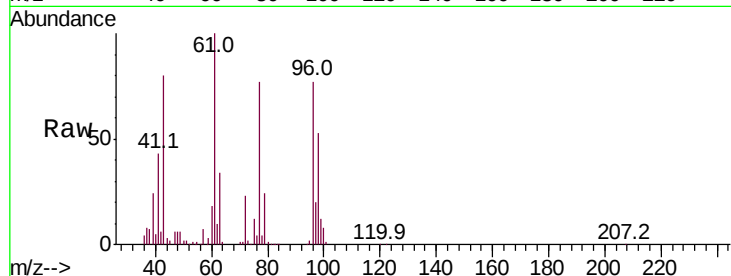




#25
2-Butanone
Concen: 256.557 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

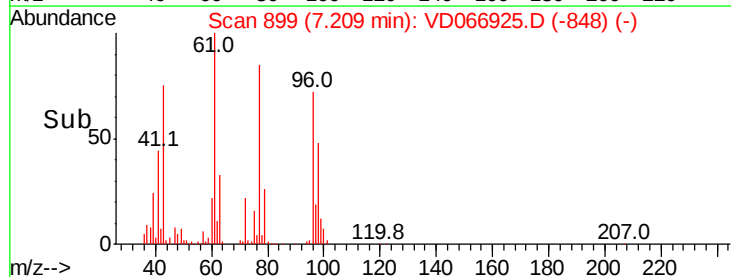
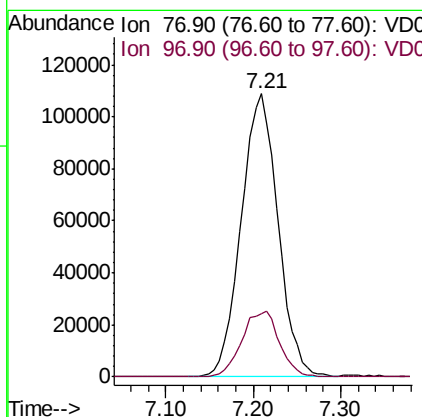
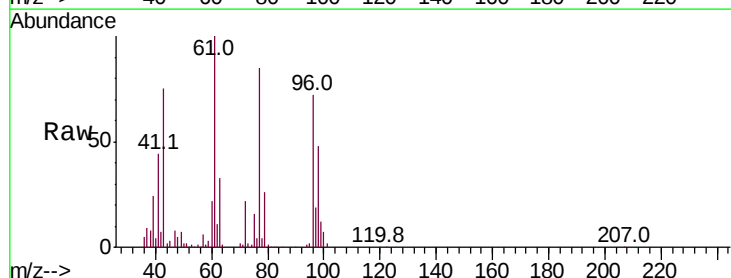
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

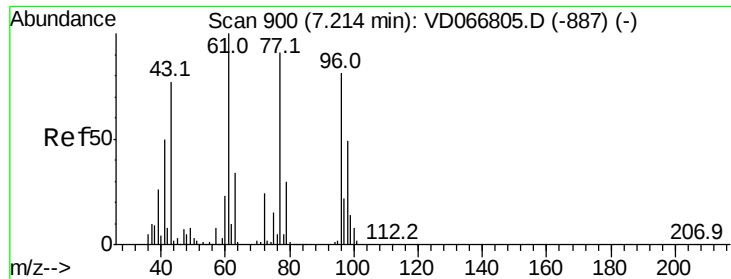
Tot Ion: 43 Resp: 254870
Ion Ratio Lower Upper
43 100
72 28.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 43.132 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 77 Resp: 311307
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1



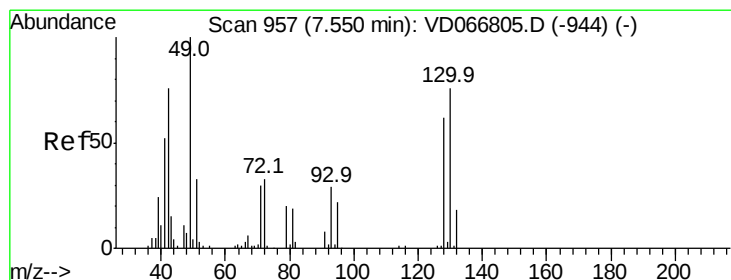
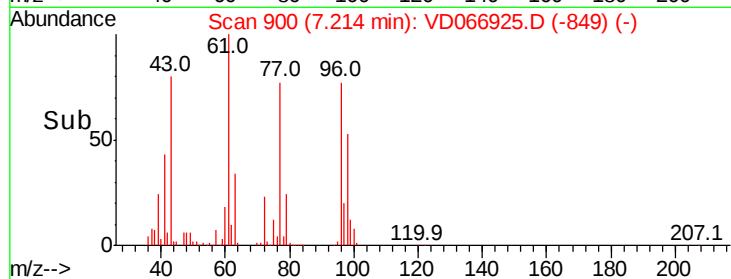
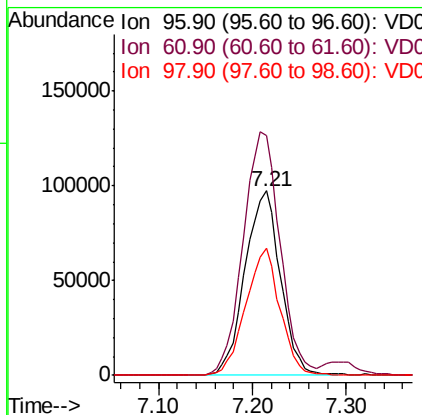
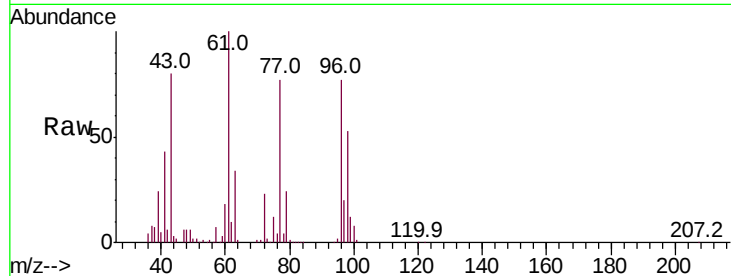


#27

cis-1,2-Dichloroethene
 Concen: 51.890 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

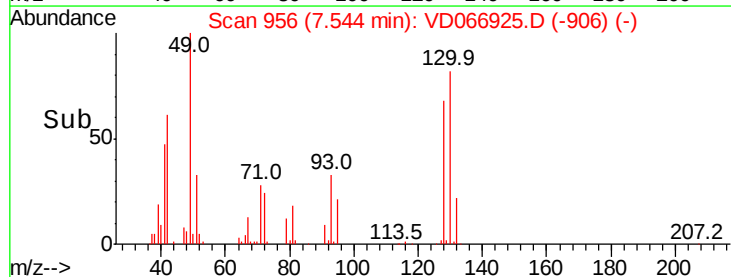
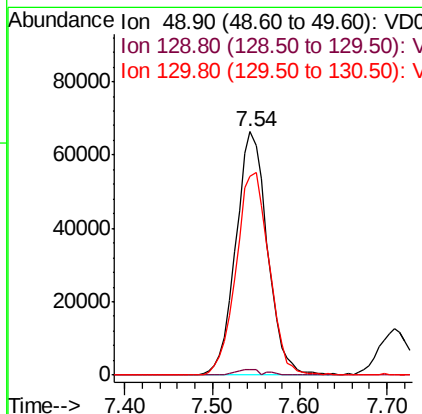
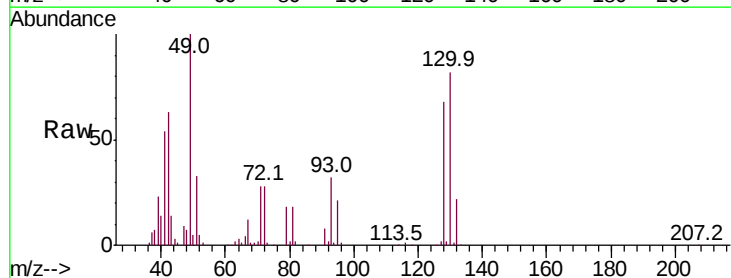
Tot Ion: 96 Resp: 254516
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 283.8
 98 66.7 0.0 128.4

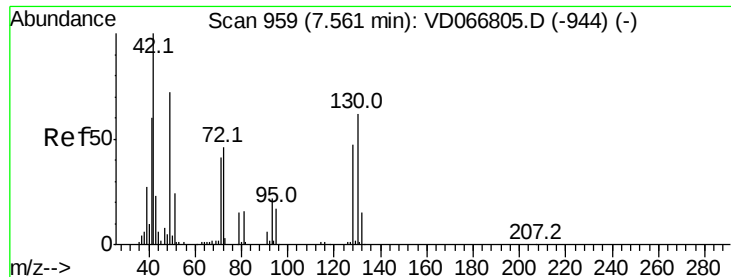


#28

Bromochloromethane
 Concen: 49.719 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 49 Resp: 161747
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 2.0
 130 87.3 65.9 98.9





#29

Tetrahydrofuran

Concen: 267.587 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

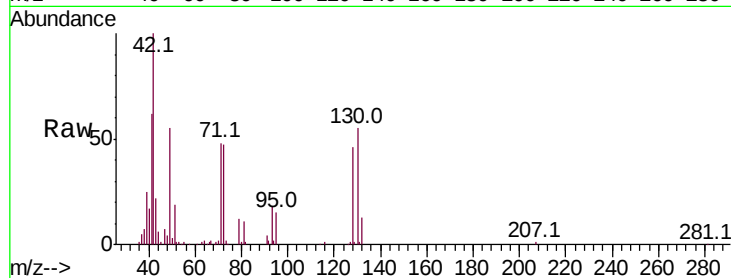
Tot Ion: 42 Resp: 170329

Ion Ratio Lower Upper

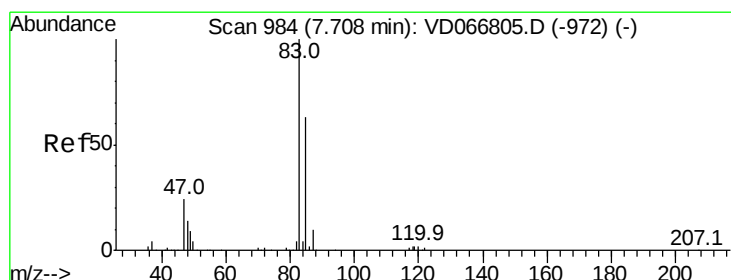
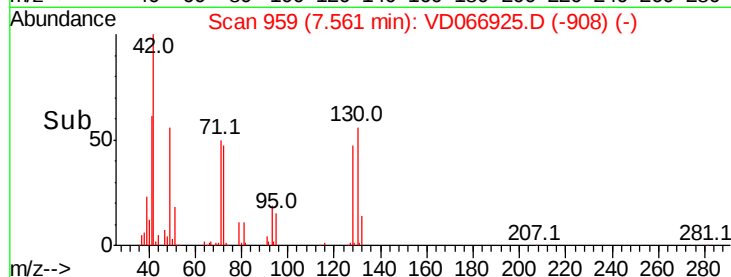
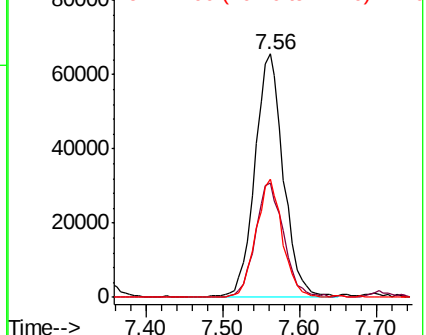
42 100

72 46.7 36.2 54.4

71 44.9 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: 50.655 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066925.D

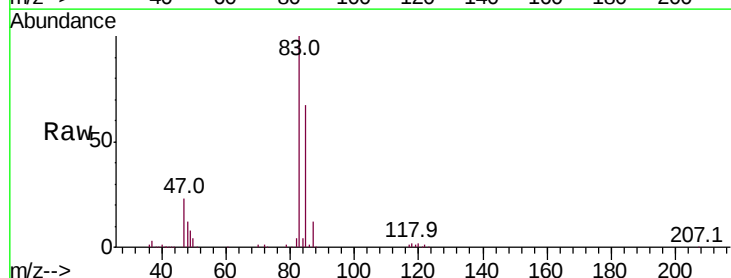
Acq: 28 Sep 2020 20:40

Tgt Ion: 83 Resp: 429979

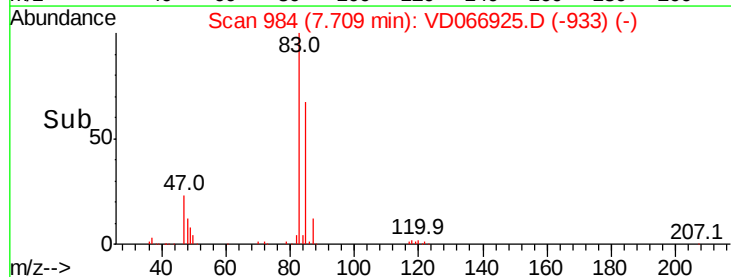
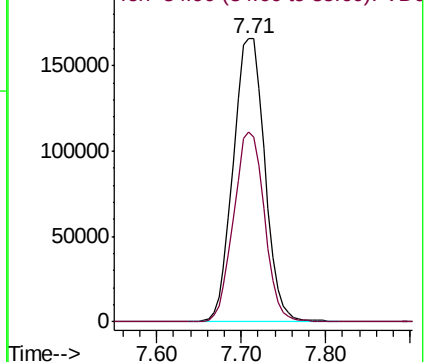
Ion Ratio Lower Upper

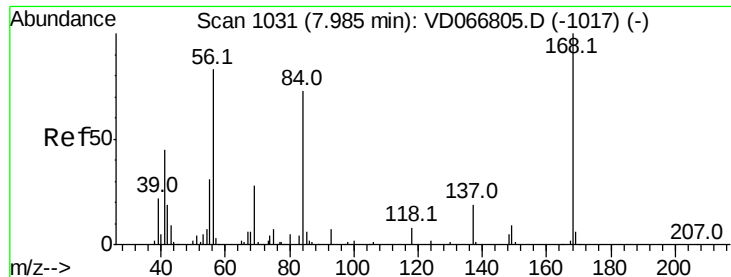
83 100

85 67.3 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: 43.026 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

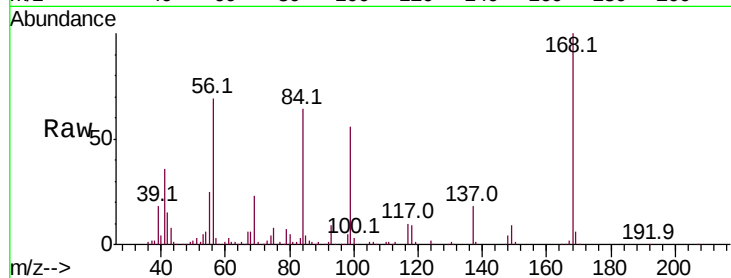
Tot Ion: 56 Resp: 304862

Ion Ratio Lower Upper

56 100

69 33.0 27.0 40.4

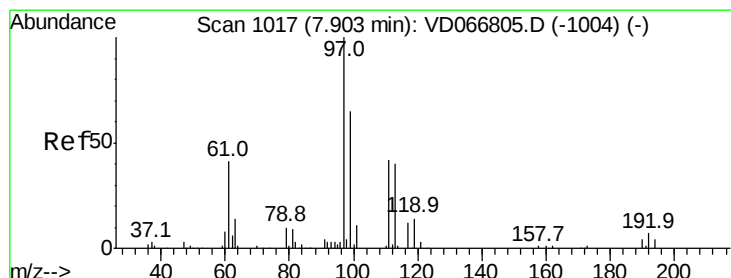
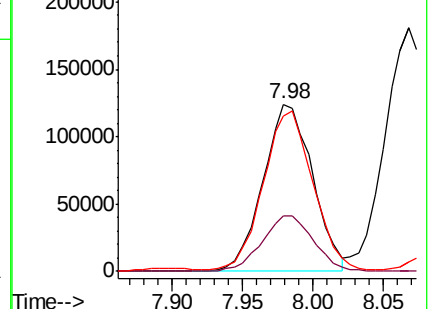
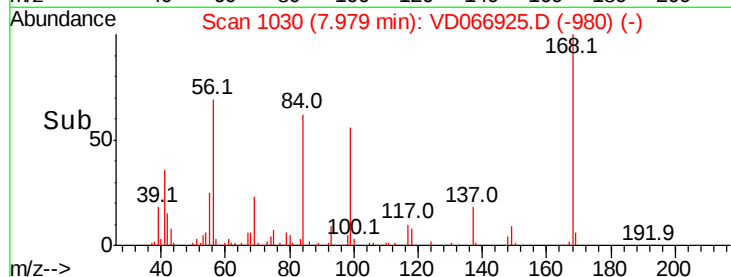
84 91.4 70.2 105.4



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: 48.740 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

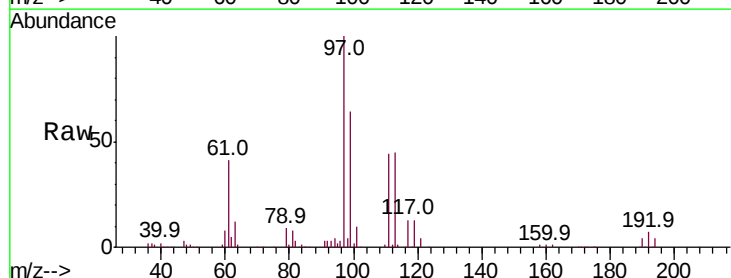
Tgt Ion: 97 Resp: 374259

Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

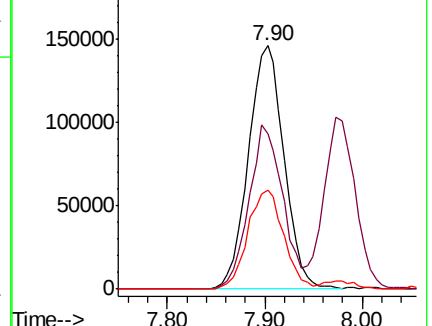
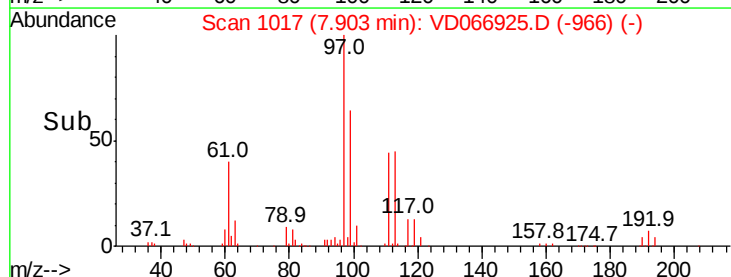
61 41.0 34.2 51.4

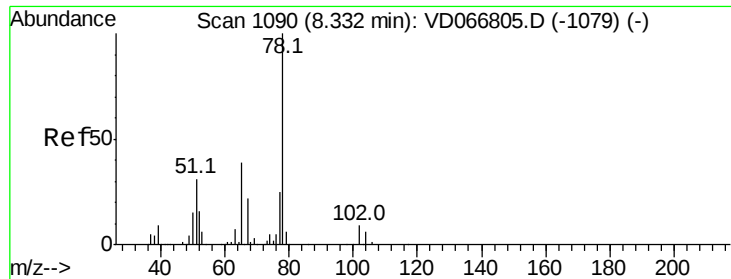


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

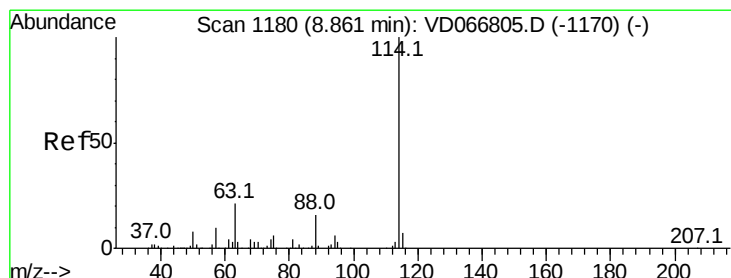
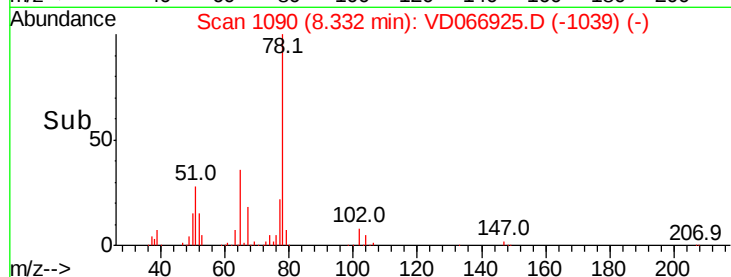
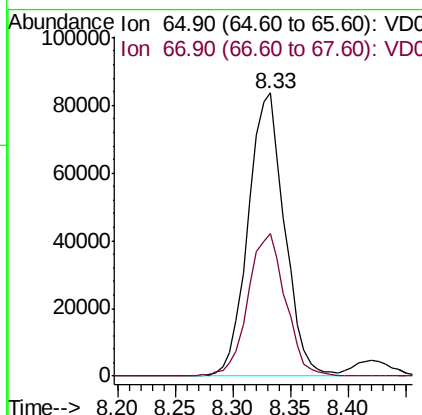
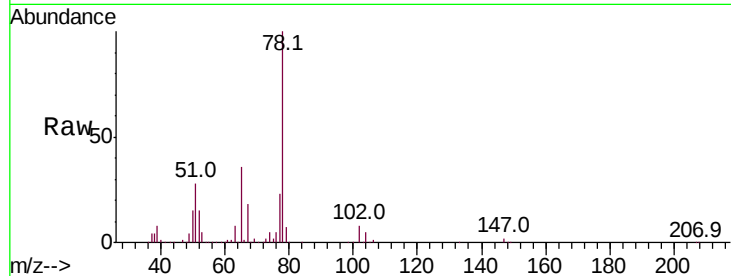




#33
 1,2-Dichloroethane-d4
 Concen: 47.205 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

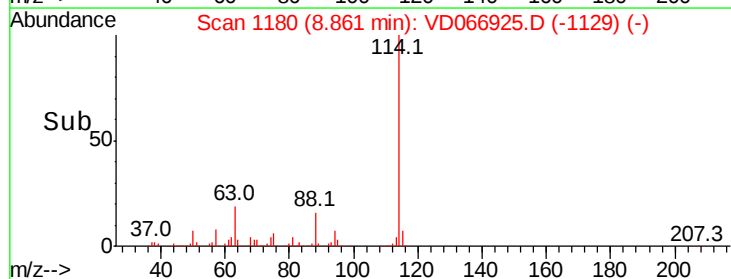
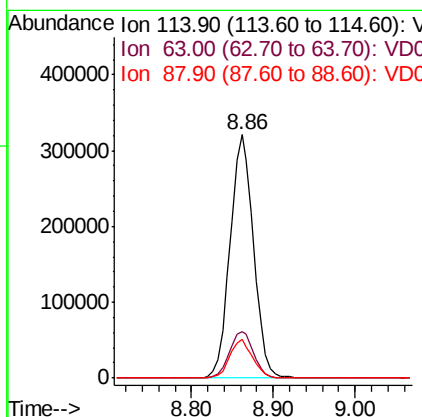
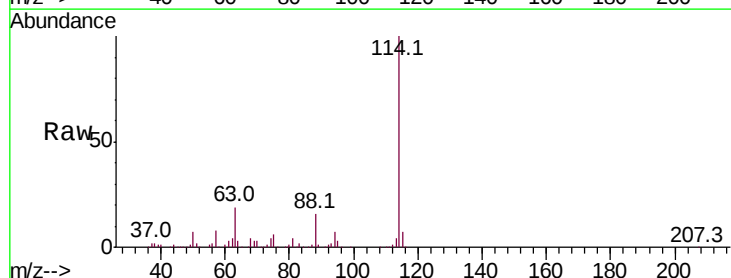
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

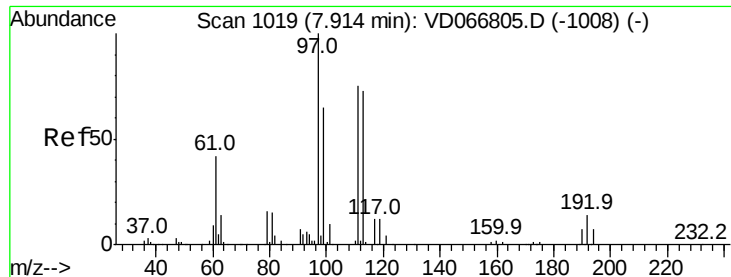
Tot Ion: 65 Resp: 183952
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 114 Resp: 641620
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.7 0.0 32.6

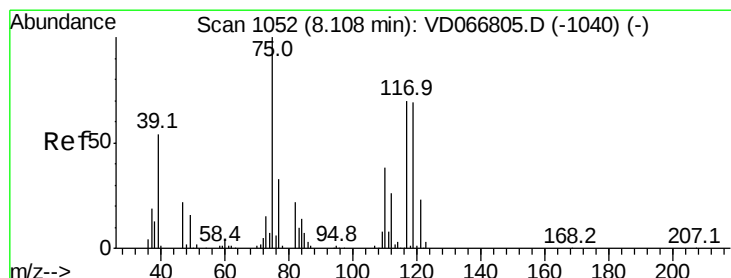
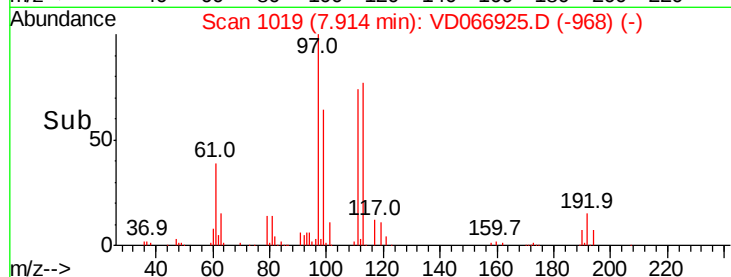
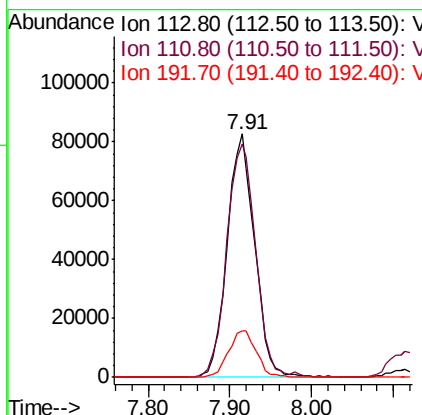
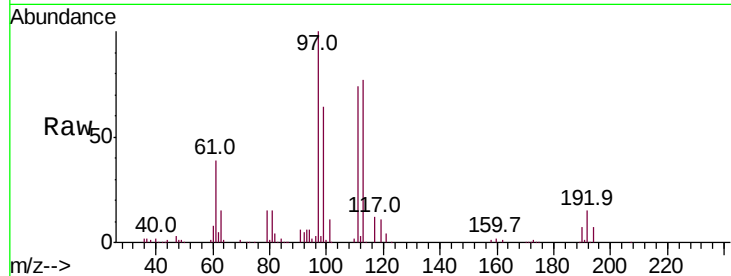




#35
Dibromofluoromethane
Concen: 47.306 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

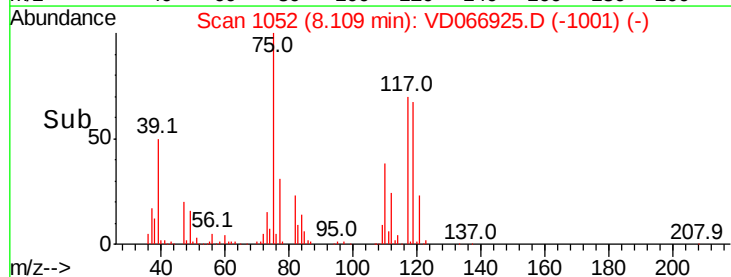
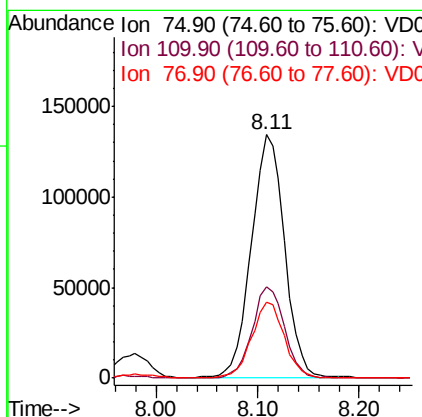
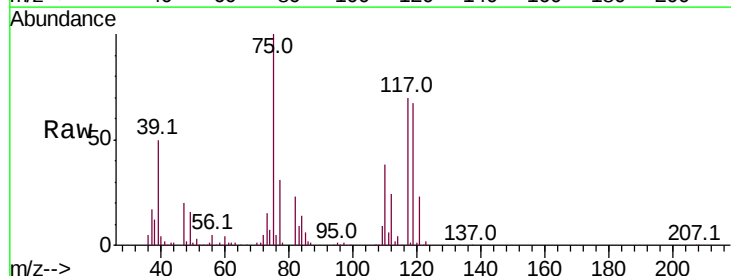
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

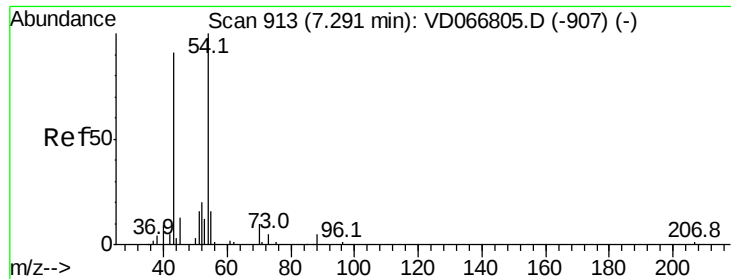
Tot Ion:113 Resp: 193103
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.8
192 19.4 14.4 21.6



#36
1,1-Dichloropropene
Concen: 48.161 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 75 Resp: 306566
Ion Ratio Lower Upper
75 100
110 36.9 17.9 53.8
77 30.9 25.0 37.6

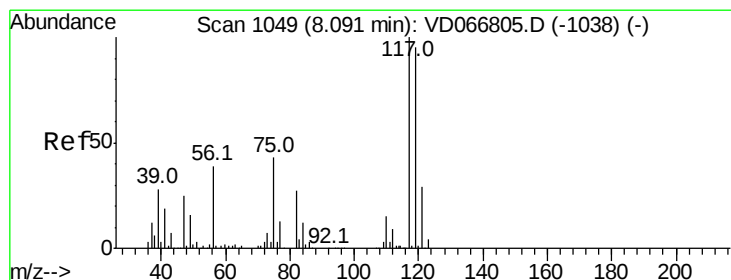
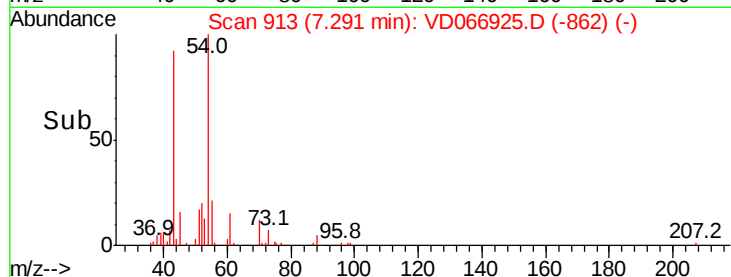
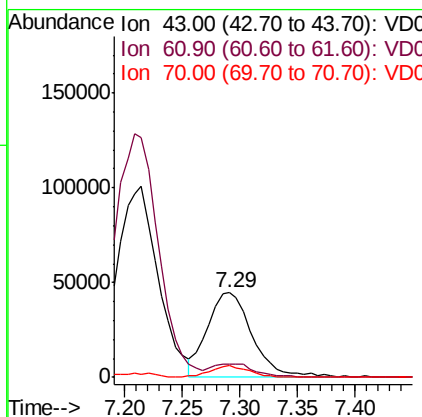
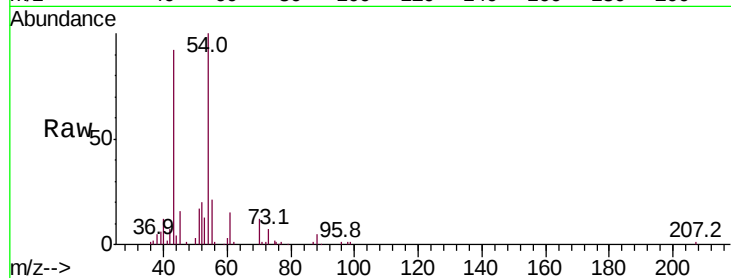




#37
Ethyl Acetate
Concen: 51.219 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

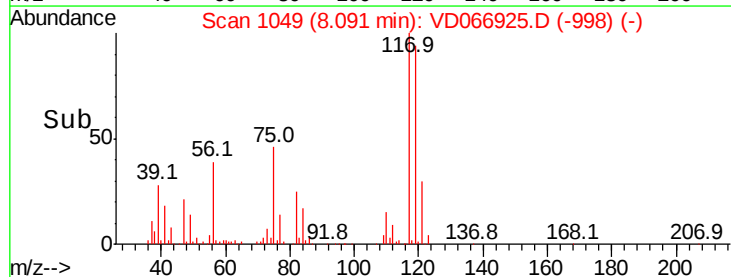
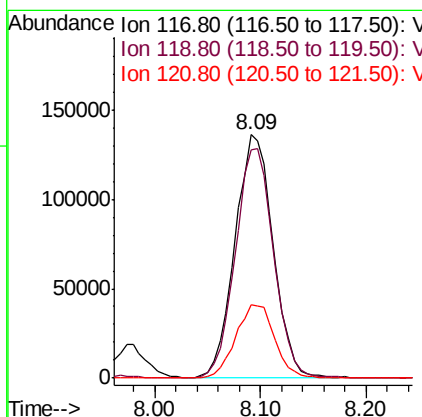
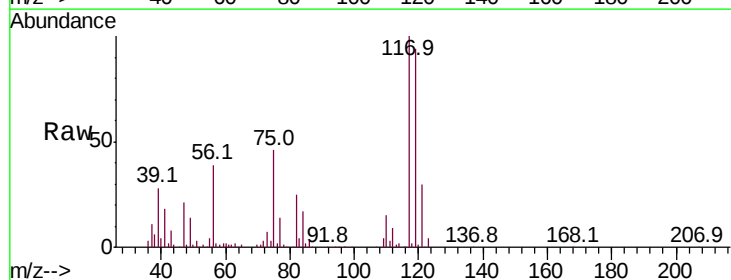
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

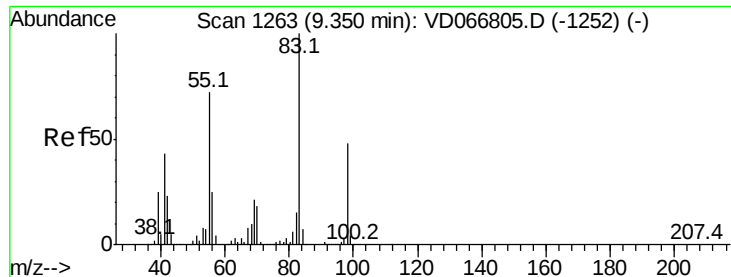
Tot Ion: 43 Resp: 117862
Ion Ratio Lower Upper
43 100
61 14.9 9.8 14.8#
70 12.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.749 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 117 Resp: 339255
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
121 30.0 23.4 35.0

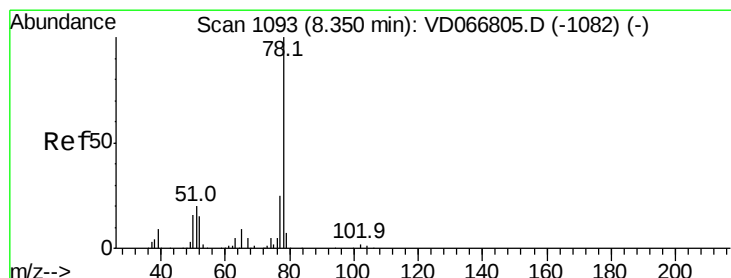
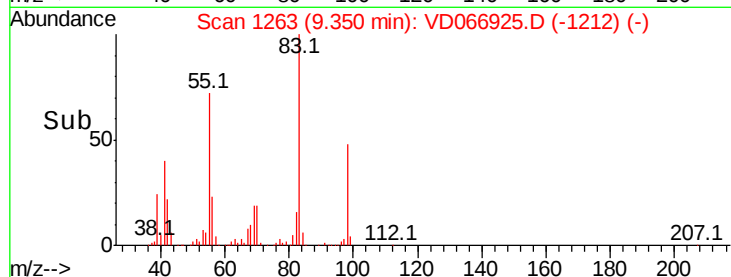
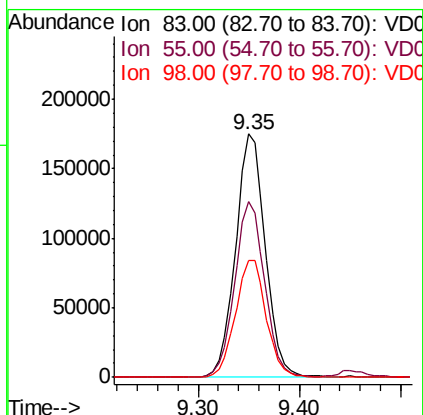
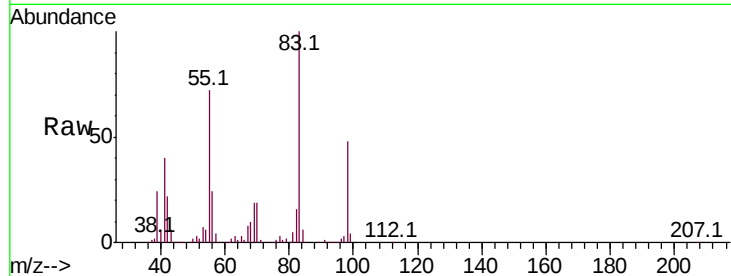




#39
Methvlcvclohexane
Concen: 48.669 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

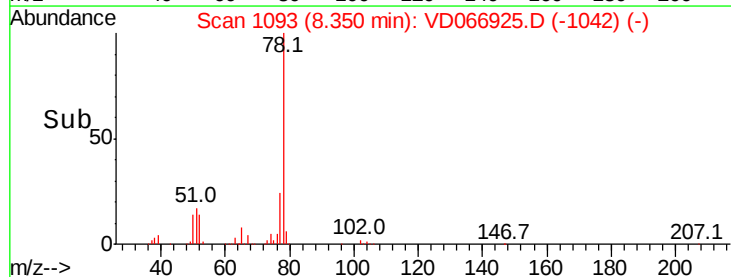
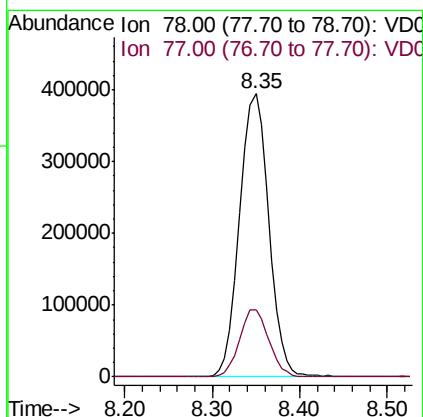
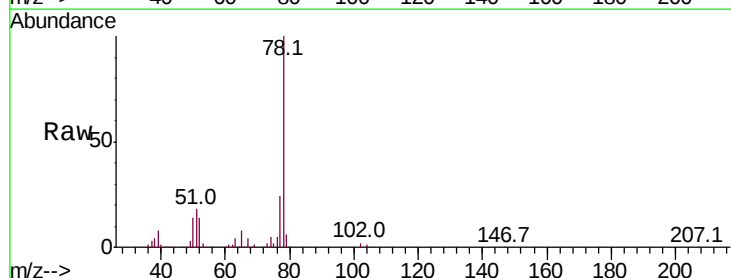
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

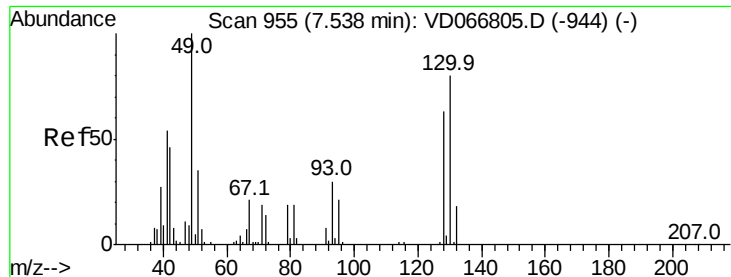
Tot Ion: 83 Resp: 355694
Ion Ratio Lower Upper
83 100
55 72.2 57.7 86.5
98 48.2 38.4 57.6



#40
Benzene
Concen: 50.372 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 78 Resp: 893622
Ion Ratio Lower Upper
78 100
77 23.9 19.9 29.9





#41

Methacrylonitrile

Concen: 46.173 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 65340

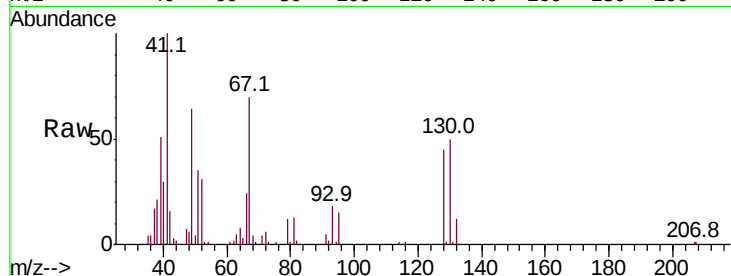
Ion Ratio Lower Upper

41 100

39 62.4 0.0 0.0#

67 86.6 0.0 0.0#

52 36.6 0.0 0.0#



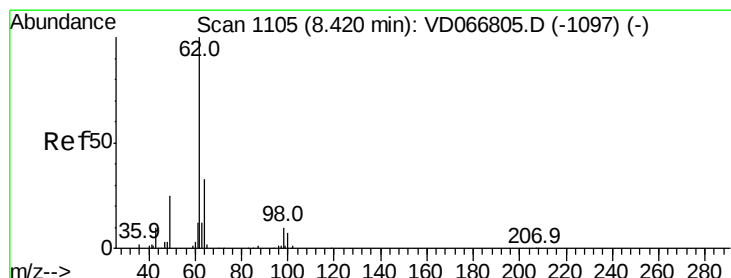
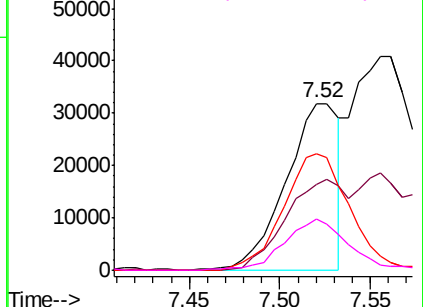
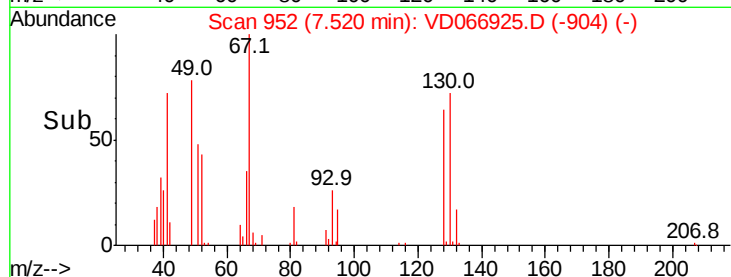
Abundance

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: 50.211 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066925.D

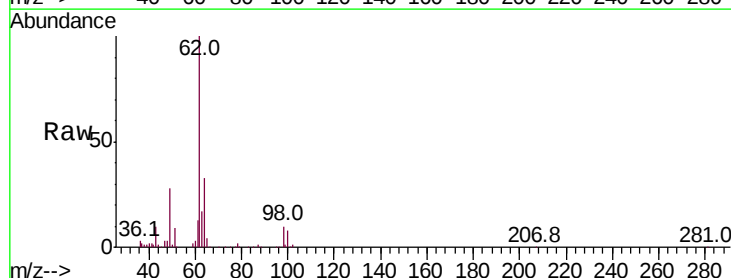
Acq: 28 Sep 2020 20:40

Tgt Ion: 62 Resp: 263330

Ion Ratio Lower Upper

62 100

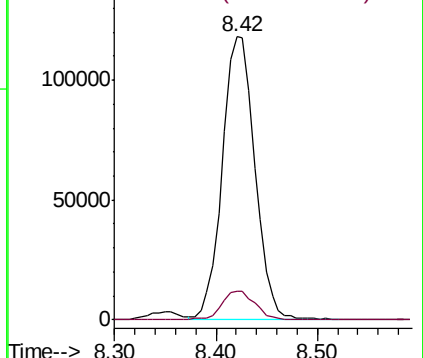
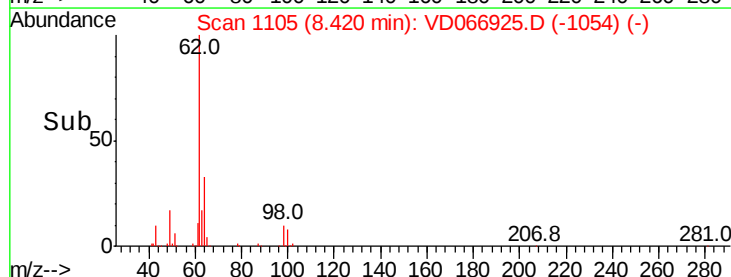
98 10.5 0.0 19.8

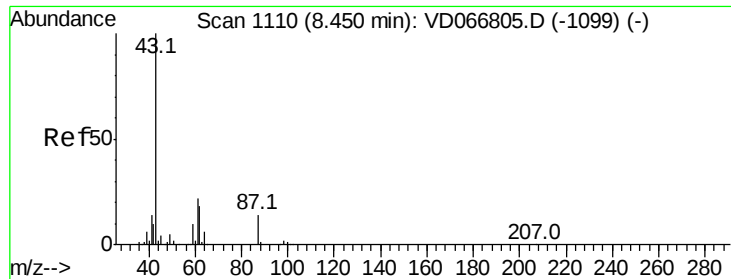


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.180 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

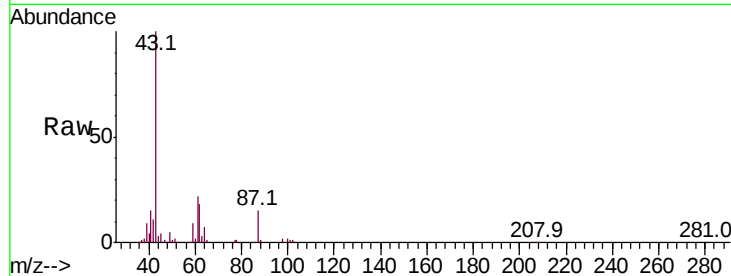
Tot Ion: 43 Resp: 231498

Ion Ratio Lower Upper

43 100

61 32.8 26.2 39.4

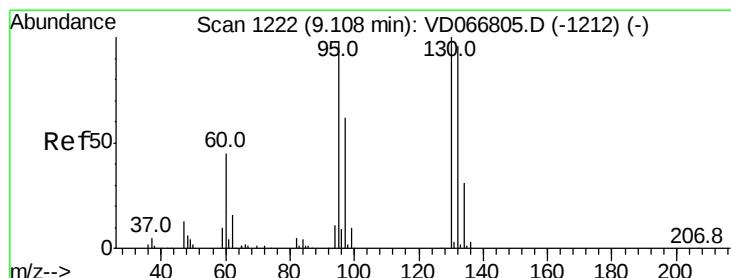
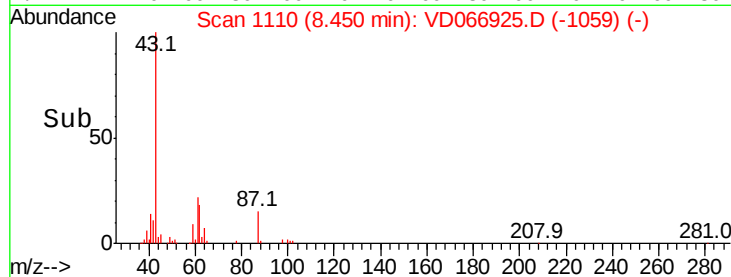
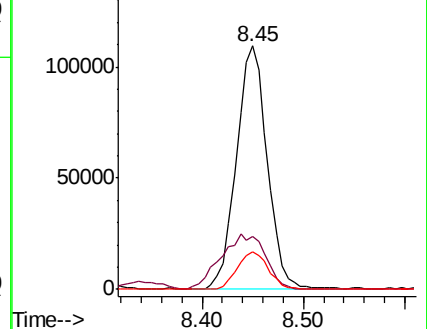
87 15.6 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

150000 Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 51.008 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066925.D

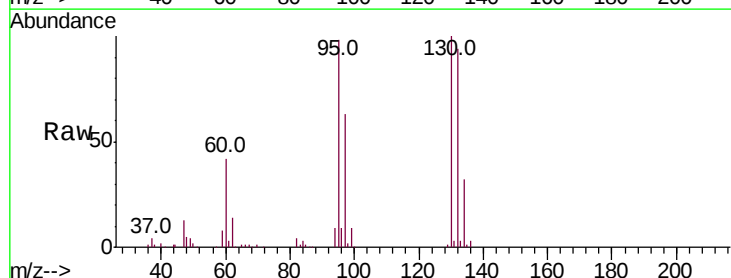
Acq: 28 Sep 2020 20:40

Tgt Ion: 130 Resp: 257927

Ion Ratio Lower Upper

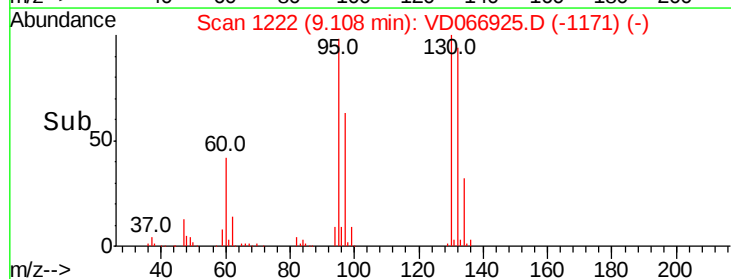
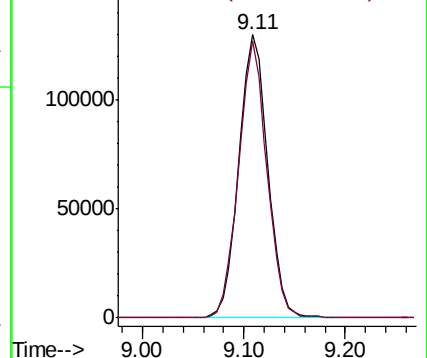
130 100

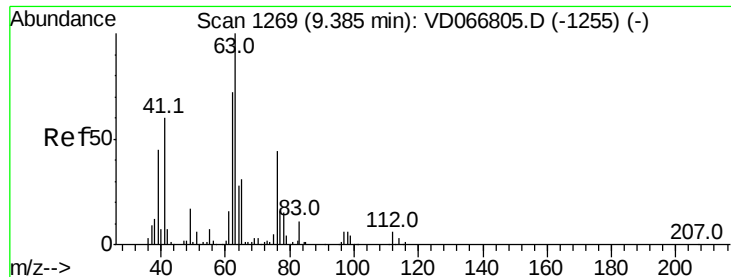
95 97.8 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

150000 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.678 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

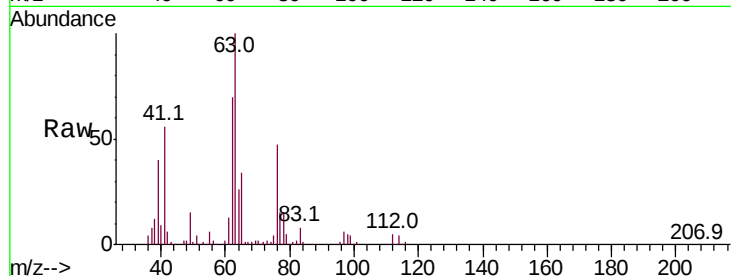
VSTDCCC050EC

Tot Ion: 63 Resp: 226199

Ion Ratio Lower Upper

63 100

65 34.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

120000

100000

80000

60000

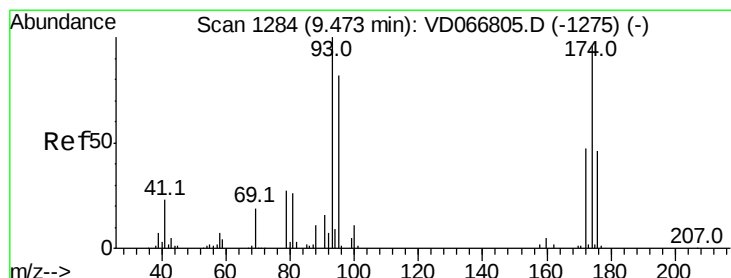
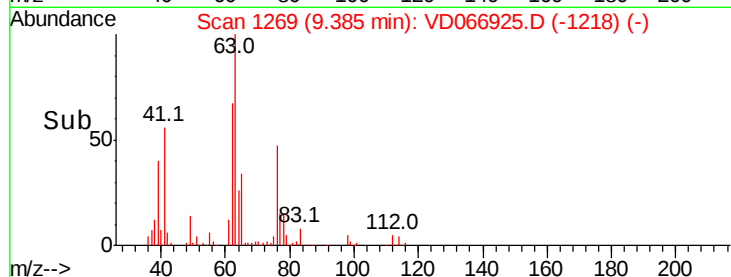
40000

20000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 52.782 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

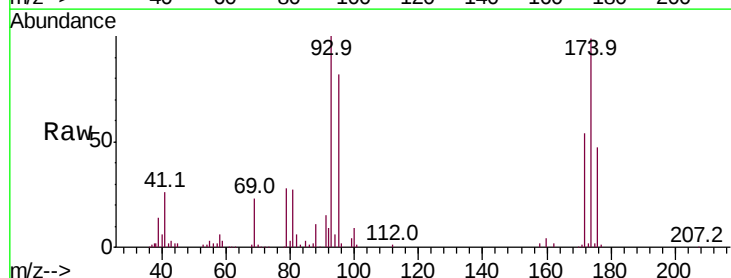
Tgt Ion: 93 Resp: 128002

Ion Ratio Lower Upper

93 100

95 82.4 65.3 97.9

174 99.7 75.4 113.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

60000

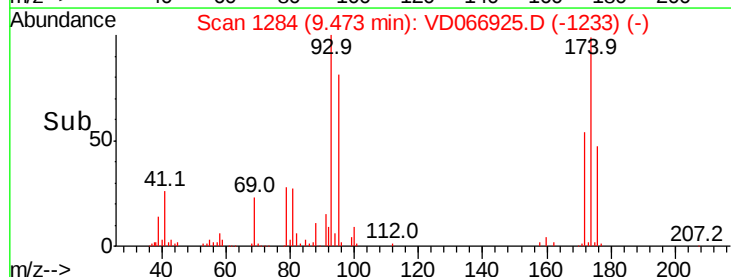
40000

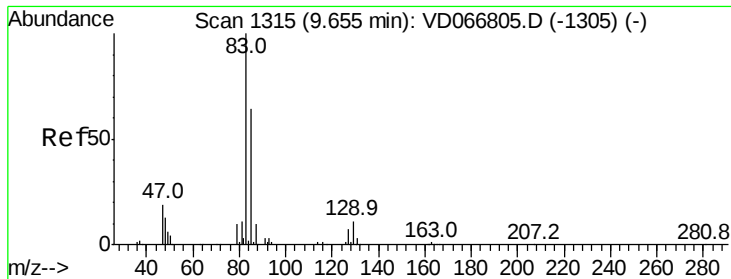
20000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 51.013 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

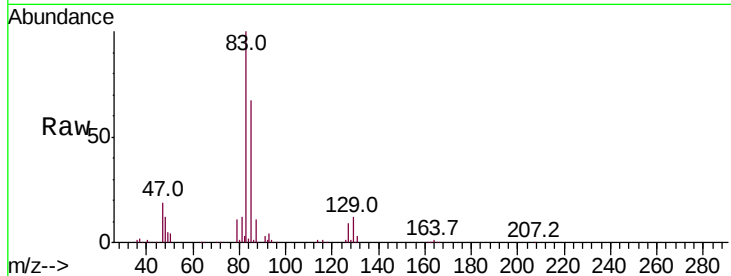
Tot Ion: 83 Resp: 332329

Ion Ratio Lower Upper

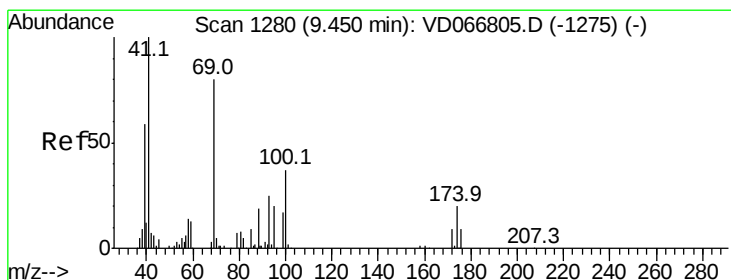
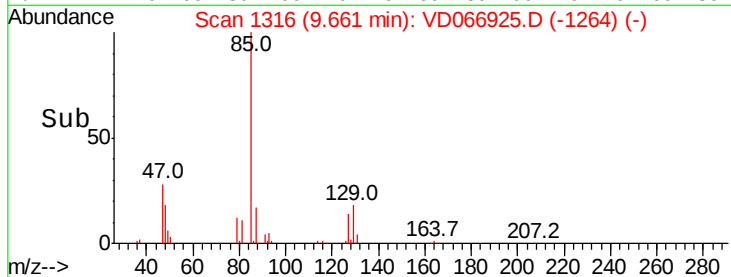
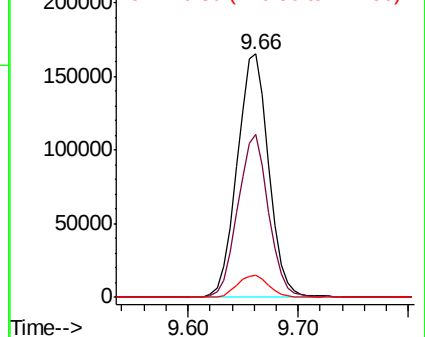
83 100

85 66.9 50.9 76.3

127 9.0 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: 50.976 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

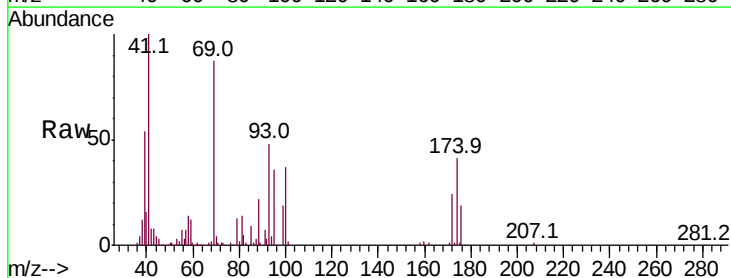
Tgt Ion: 41 Resp: 111503

Ion Ratio Lower Upper

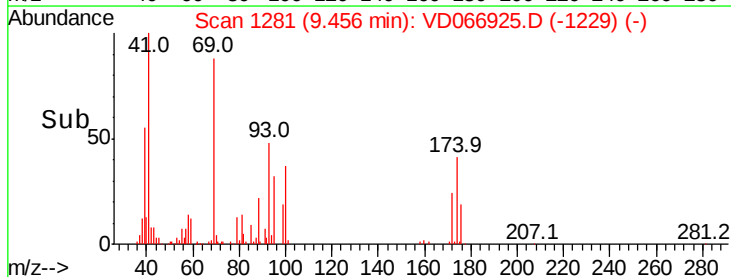
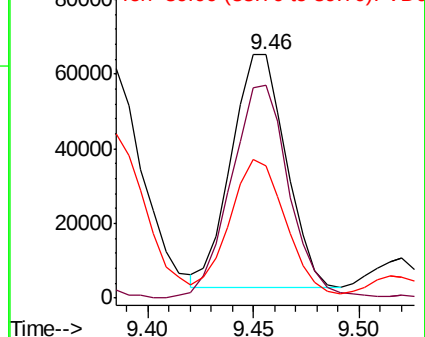
41 100

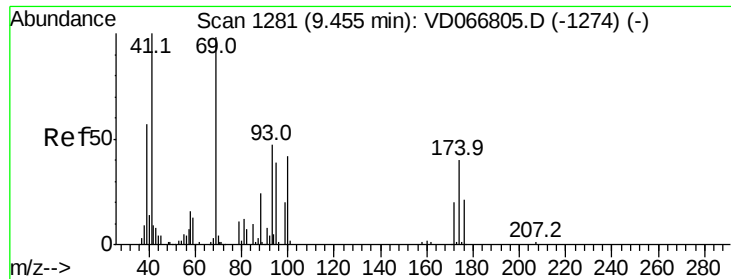
69 96.9 74.5 111.7

39 58.1 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

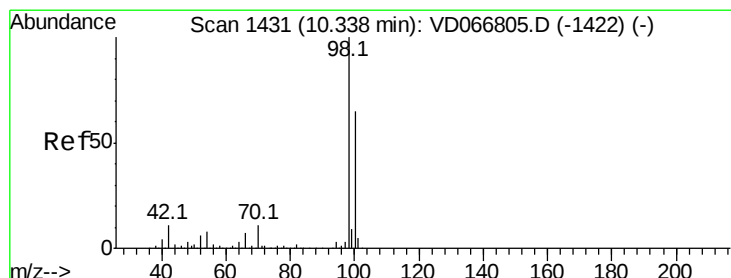
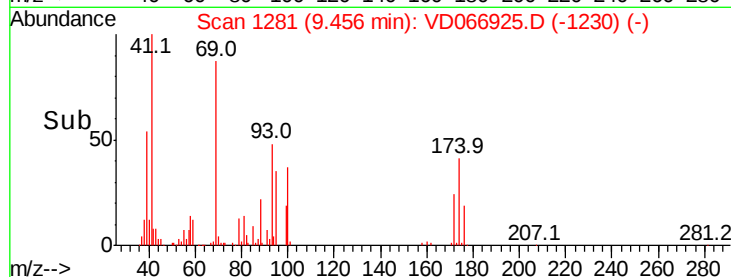
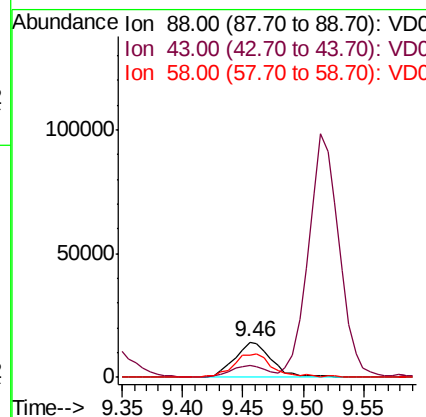
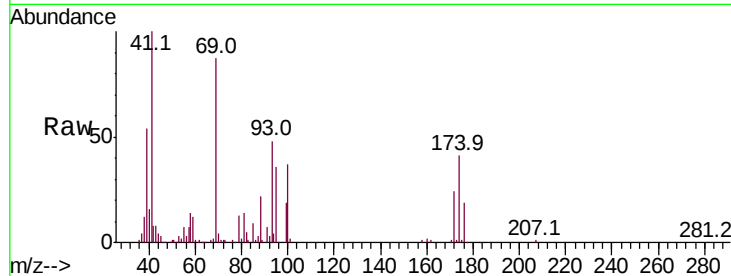




#49
 1,4-Dioxane
 Concen: 1095.271 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

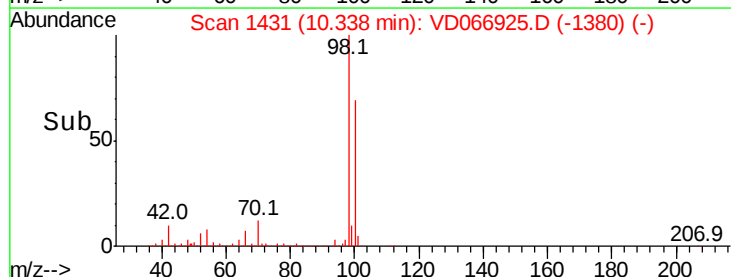
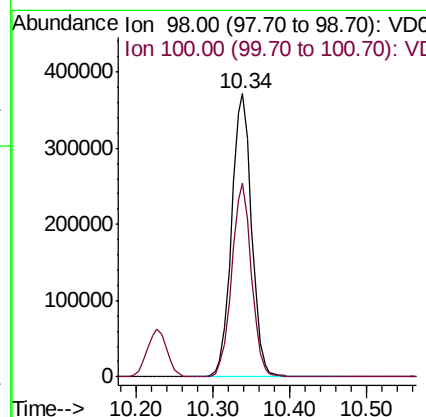
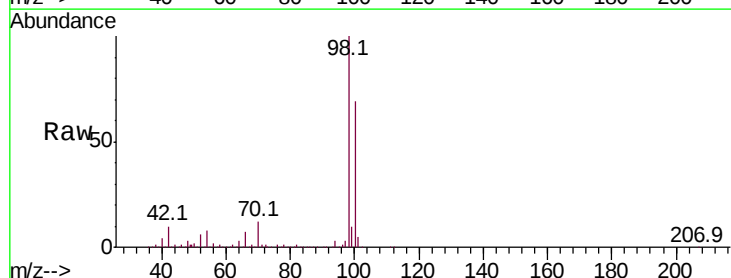
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

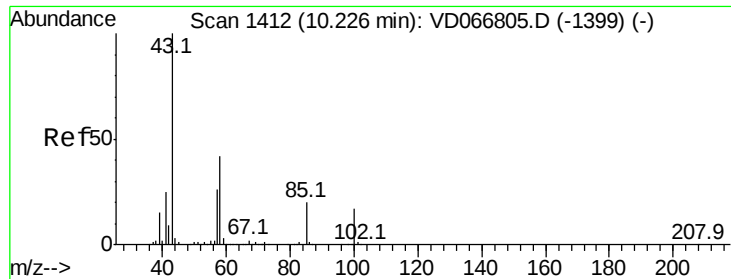
Tot Ion: 88 Resp: 29850
 Ion Ratio Lower Upper
 88 100
 43 34.4 27.7 41.5
 58 69.0 55.5 83.3



#50
 Toluene-d8
 Concen: 48.483 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 98 Resp: 674302
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 271.622 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

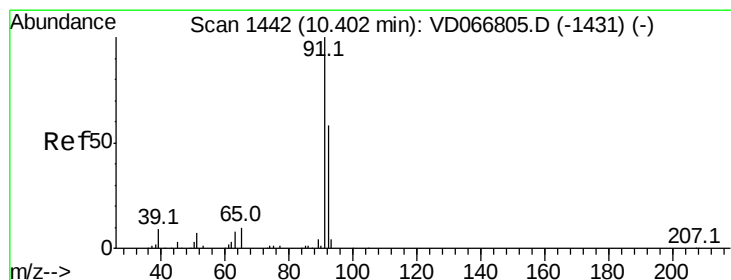
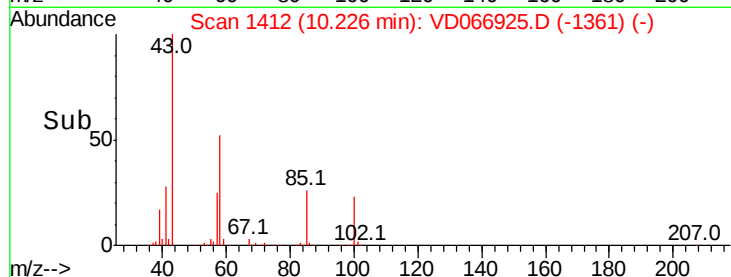
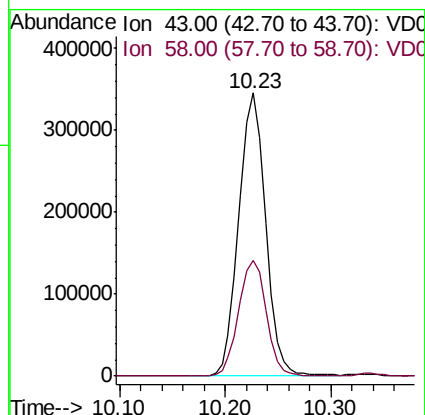
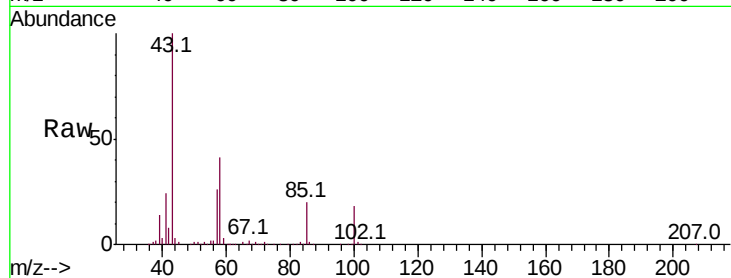
VSTDCCC050EC

Tot Ion: 43 Resp: 610603

Ion Ratio Lower Upper

43 100

58 42.3 32.2 48.4



#52

Toluene

Concen: 51.704 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066925.D

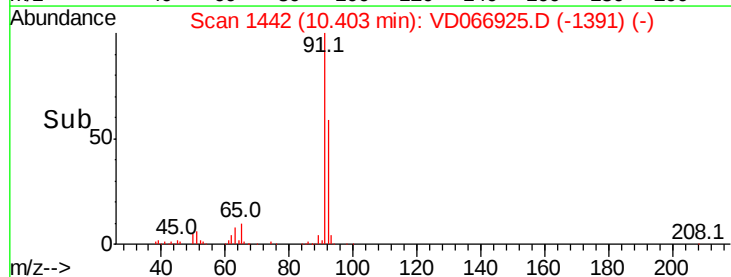
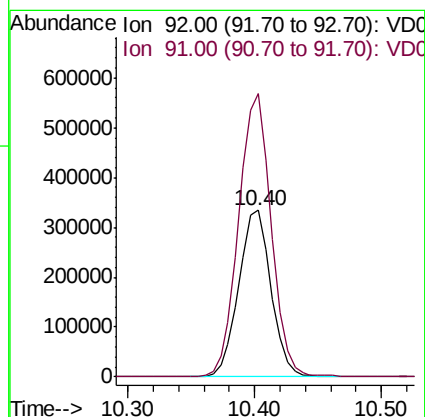
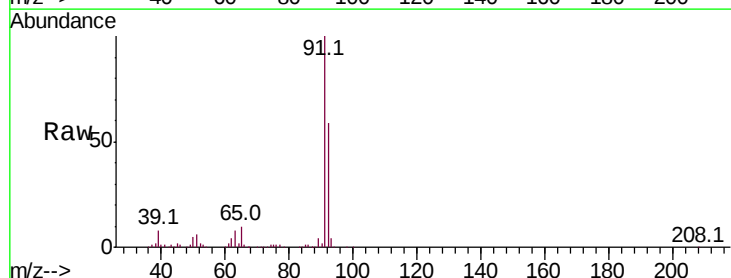
Acq: 28 Sep 2020 20:40

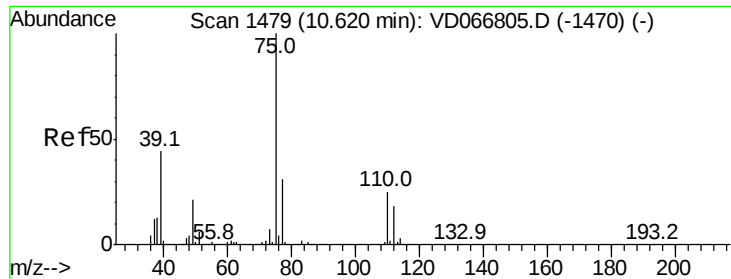
Tgt Ion: 92 Resp: 590829

Ion Ratio Lower Upper

92 100

91 171.7 134.6 202.0

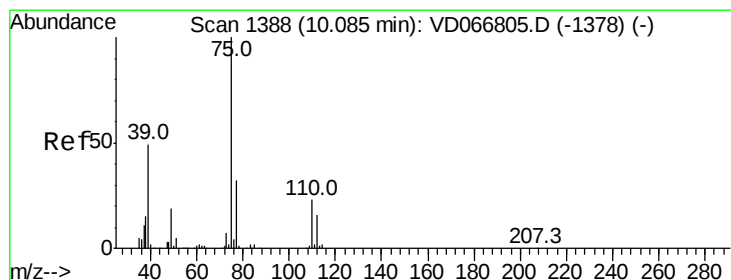
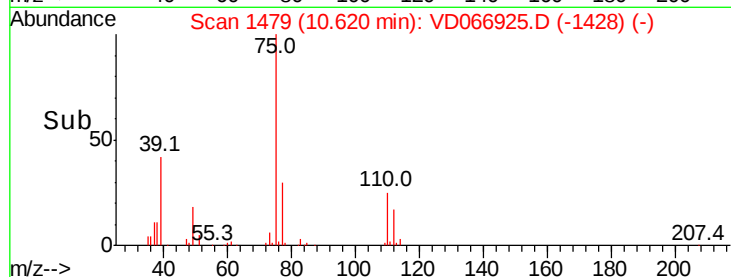
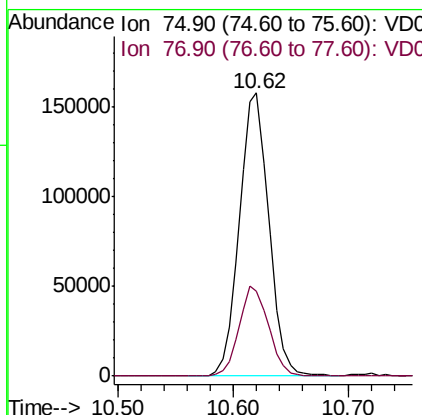
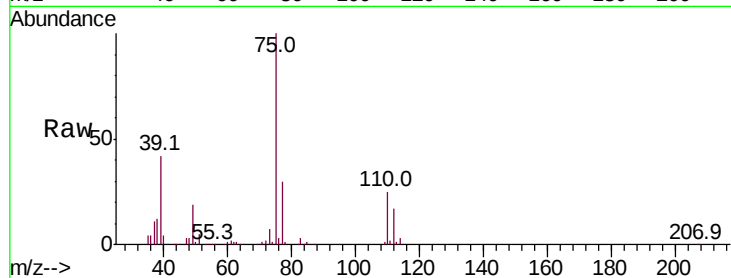




#53
t-1,3-Dichloropropene
Concen: 50.323 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

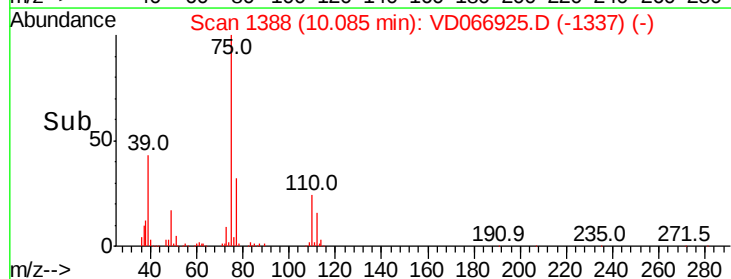
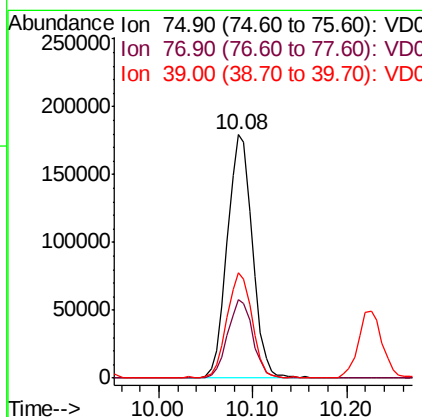
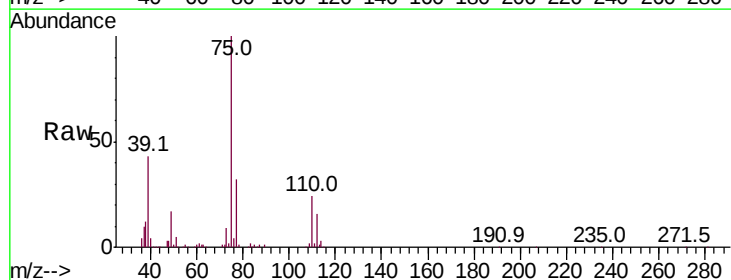
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

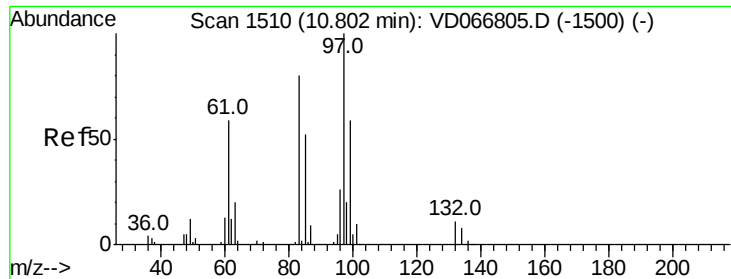
Tot Ion: 75 Resp: 279032
Ion Ratio Lower Upper
75 100
77 30.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 49.433 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 75 Resp: 334215
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 42.8 39.2 58.8

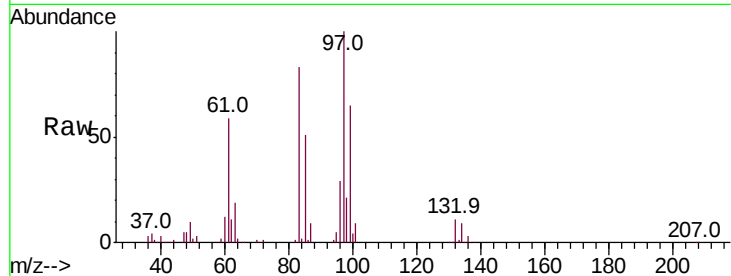




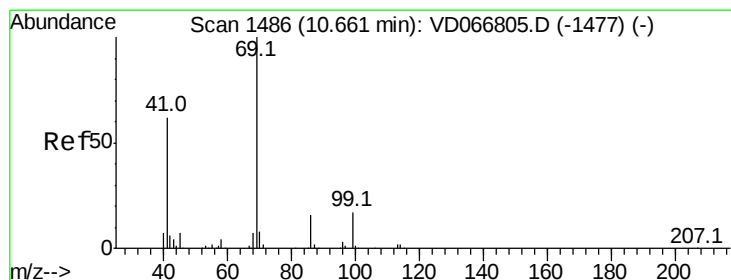
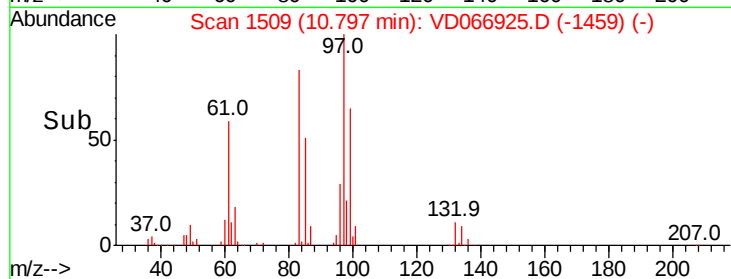
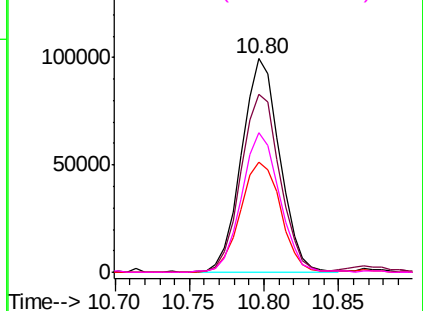
#55
 1,1,2-Trichloroethane
 Concen: 53.070 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 176926
 Ion Ratio Lower Upper
 97 100
 83 83.1 64.2 96.2
 85 51.5 41.9 62.9
 99 65.3 47.5 71.3

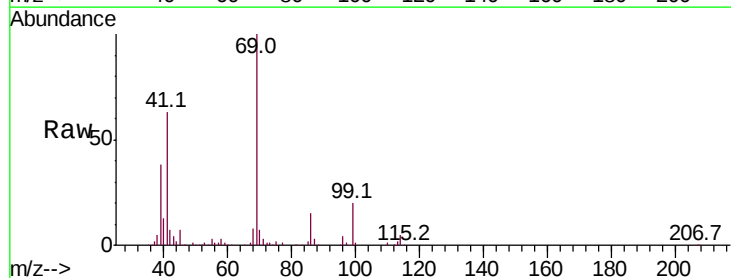


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

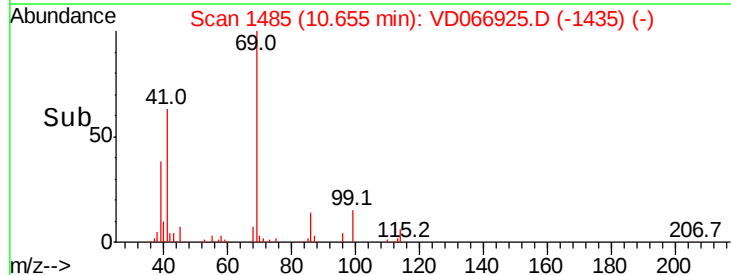
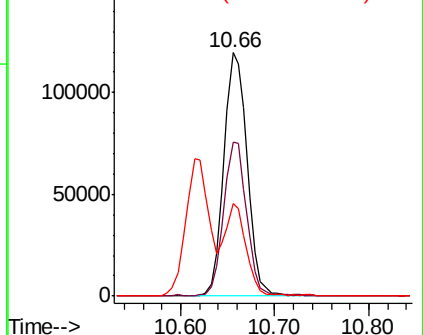


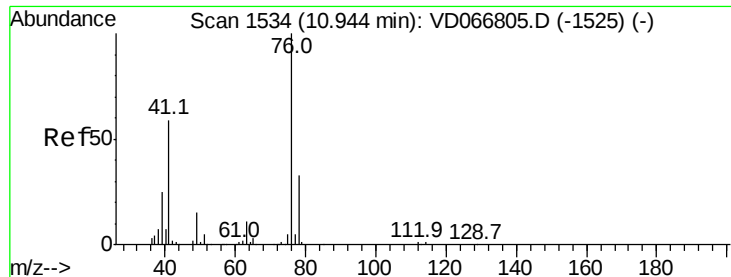
#56
 Ethyl methacrylate
 Concen: 57.898 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 69 Resp: 206782
 Ion Ratio Lower Upper
 69 100
 41 63.0 52.2 78.2
 39 34.6 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: 53.331 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

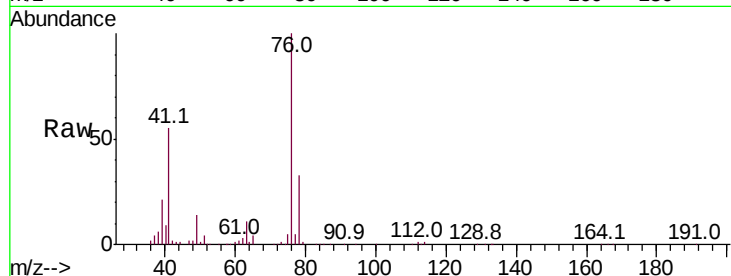
VSTDCCC050EC

Tot Ion: 76 Resp: 293583

Ion Ratio Lower Upper

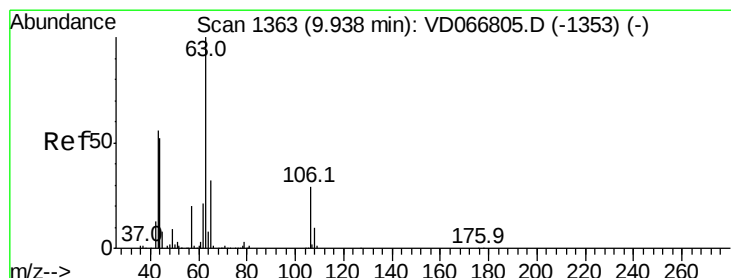
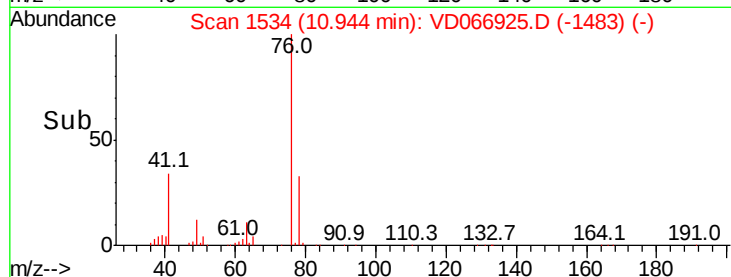
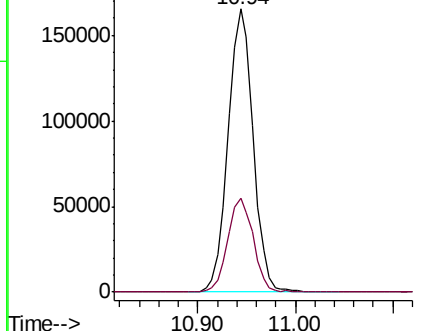
76 100

78 33.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 245.572 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066925.D

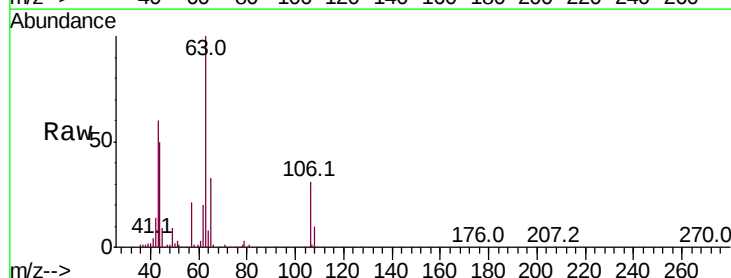
Acq: 28 Sep 2020 20:40

Tgt Ion: 63 Resp: 415279

Ion Ratio Lower Upper

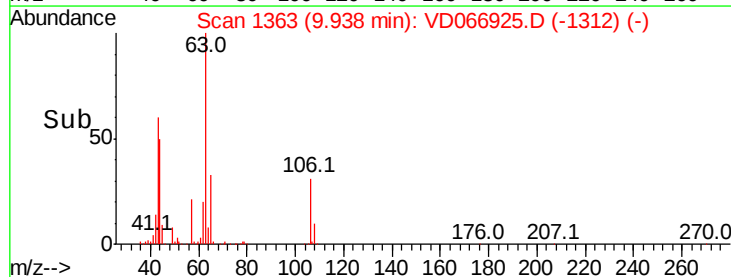
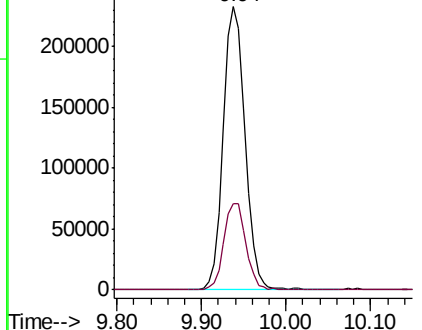
63 100

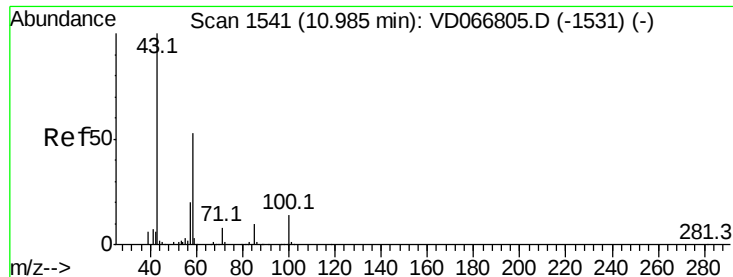
106 30.9 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

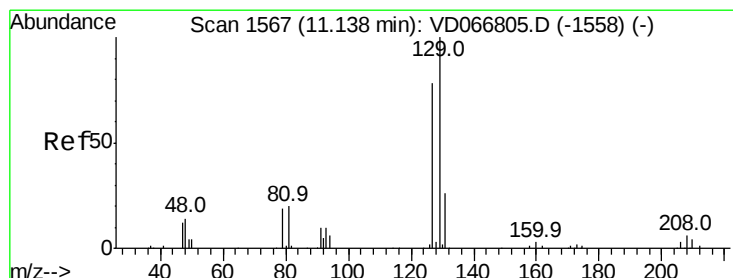
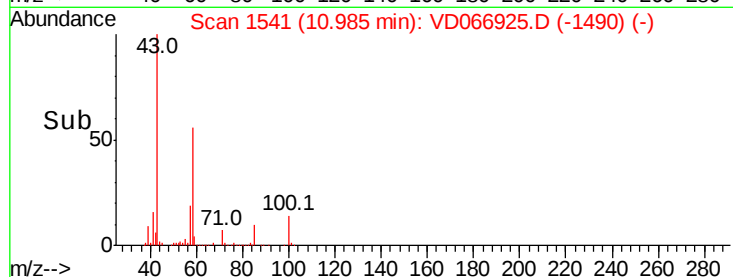
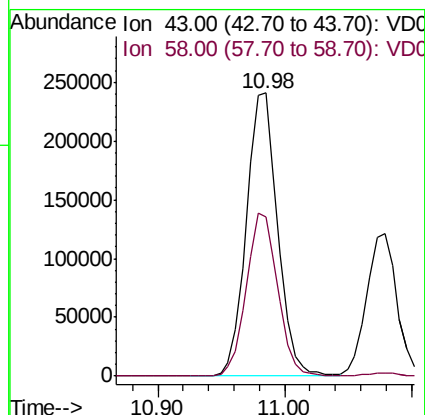
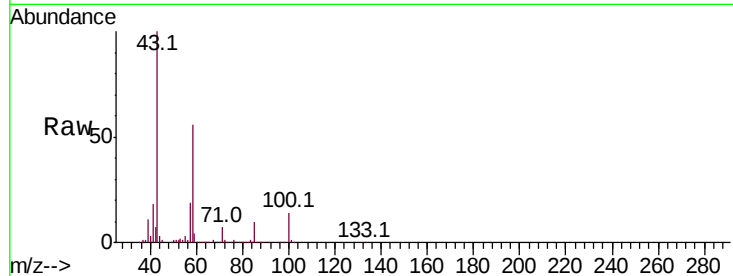




#59
2-Hexanone
Concen: 273.338 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

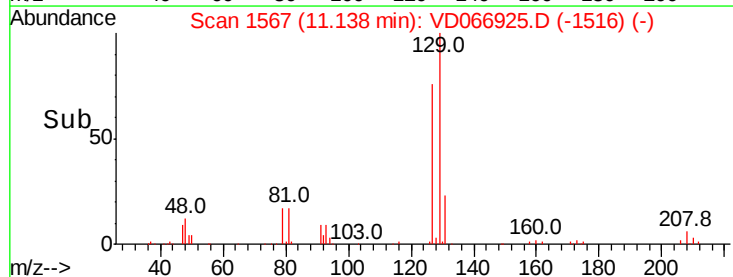
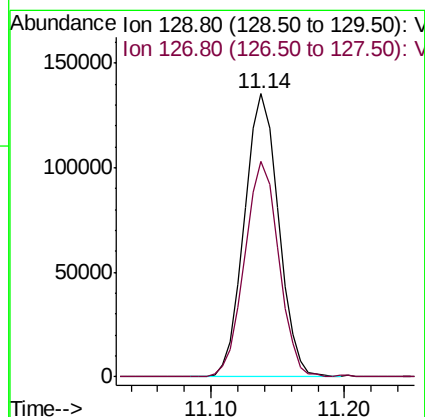
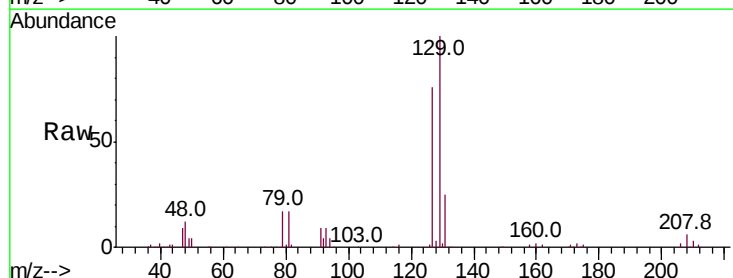
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

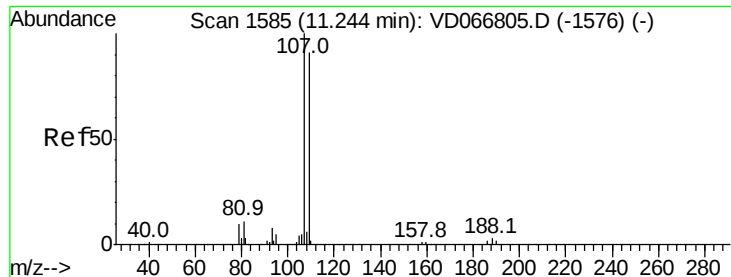
Tot Ion: 43 Resp: 414376
Ion Ratio Lower Upper
43 100
58 57.6 27.0 80.8



#60
Dibromochloromethane
Concen: 55.041 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 129 Resp: 239490
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0

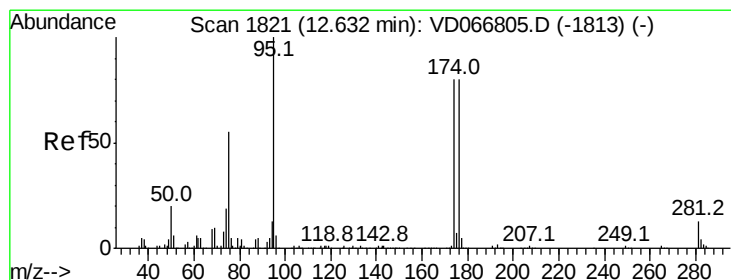
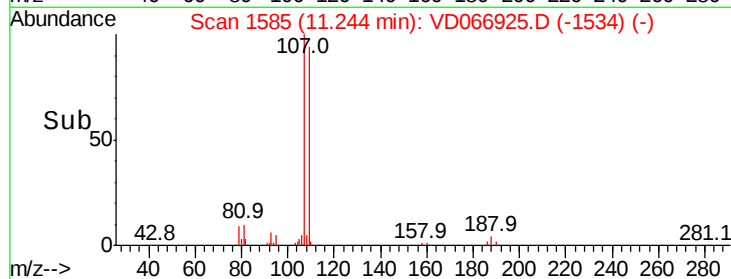
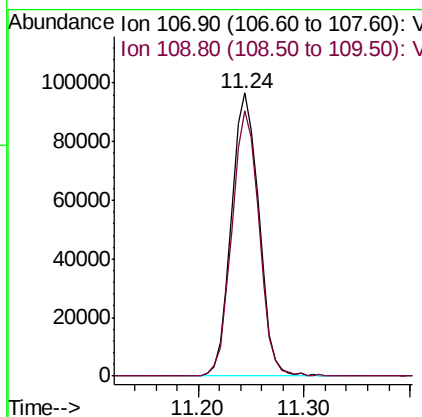
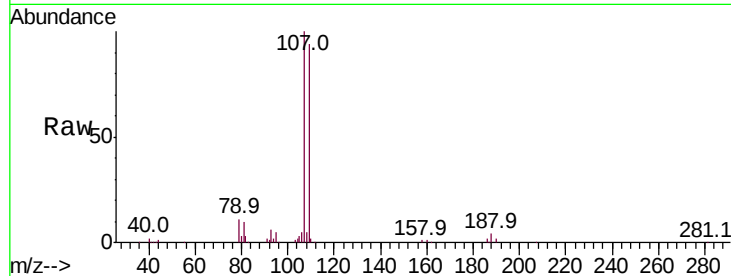




#61
 1,2-Dibromoethane
 Concen: 55.886 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

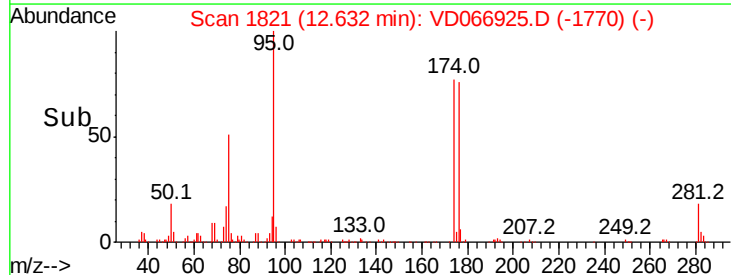
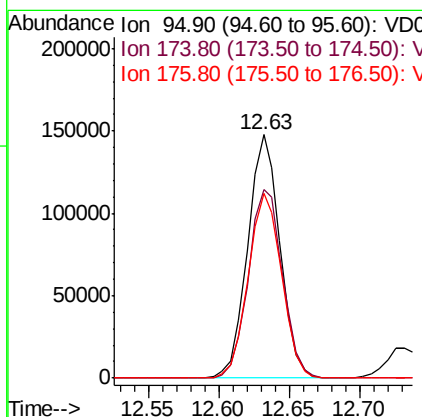
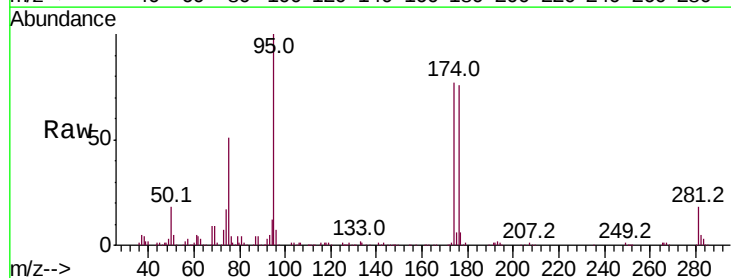
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

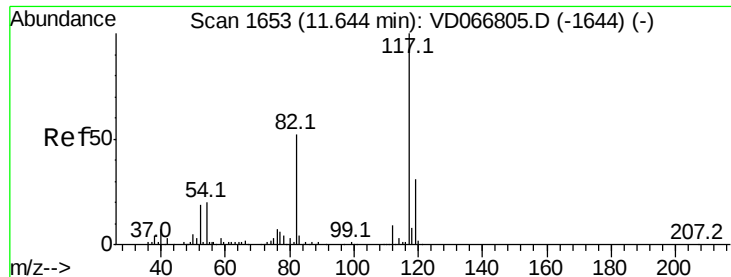
Tot Ion:107 Resp: 173297
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.703 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 95 Resp: 236647
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 159.8
 176 78.4 0.0 154.4

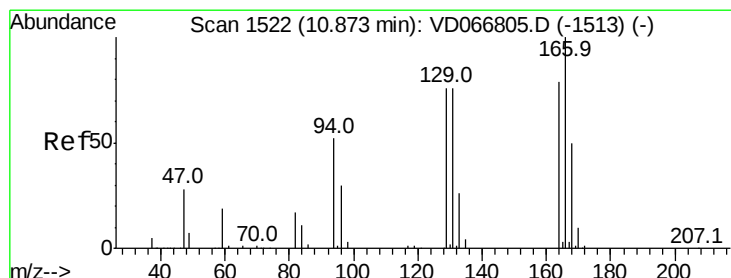
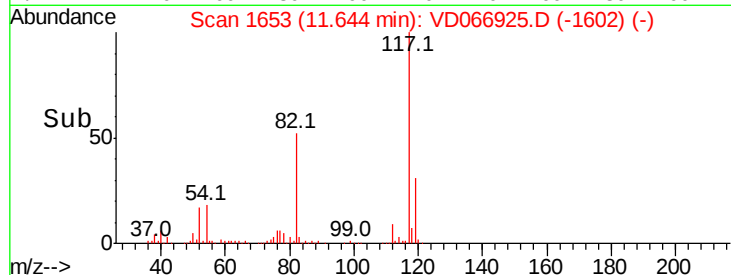
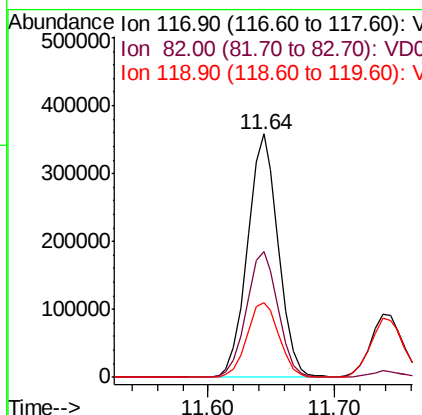
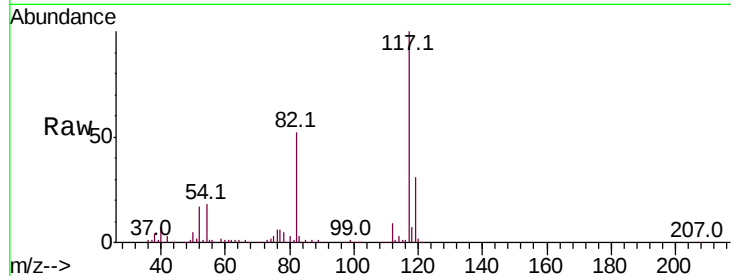




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

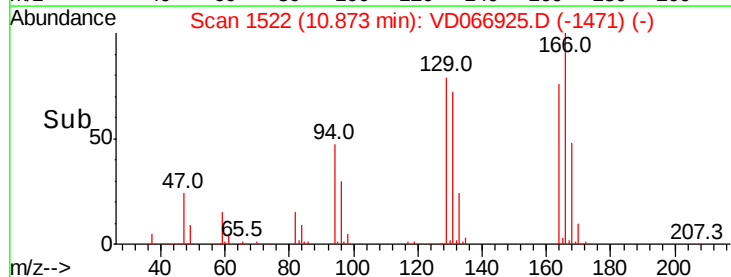
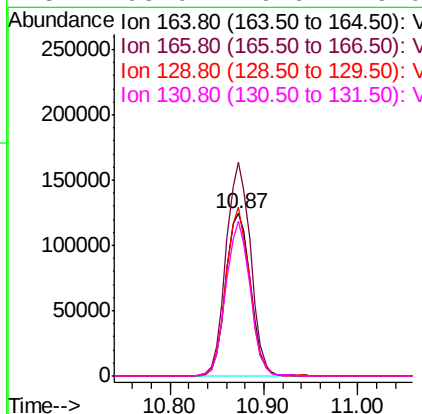
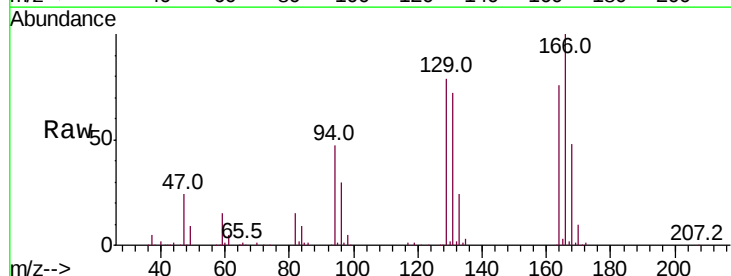
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

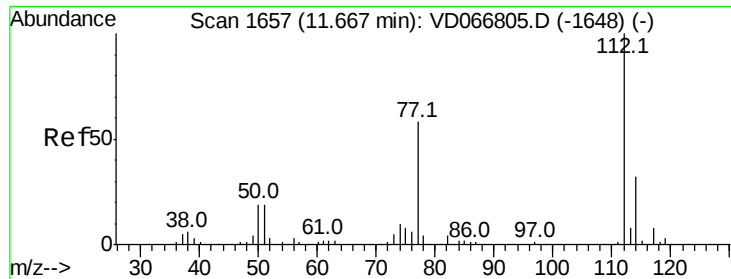
Tot Ion:117 Resp: 603706
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.6
119 30.6 24.6 37.0



#64
Tetrachloroethene
Concen: 52.641 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion:164 Resp: 228596
Ion Ratio Lower Upper
164 100
166 131.4 101.1 151.7
129 104.0 77.0 115.4
131 95.0 76.6 115.0





#65

Chlorobenzene

Concen: 51.092 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

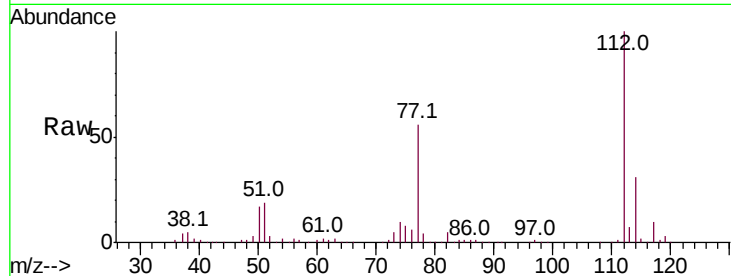
VSTDCCC050EC

Tot Ion:112 Resp: 642043

Ion Ratio Lower Upper

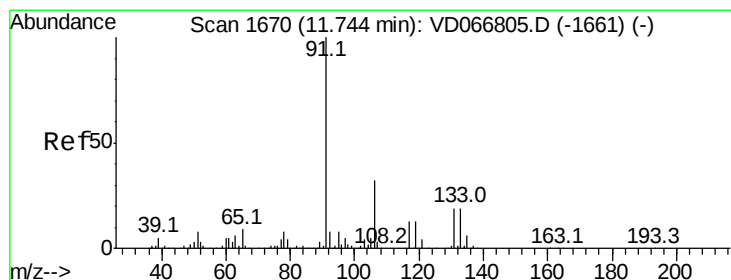
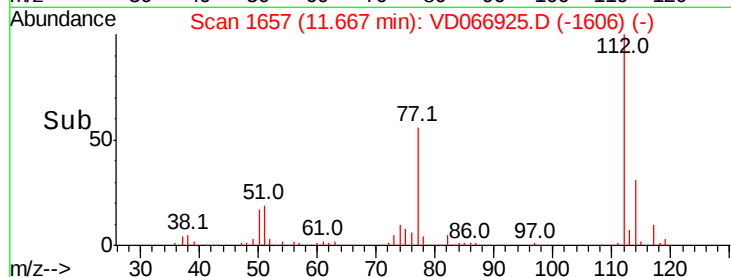
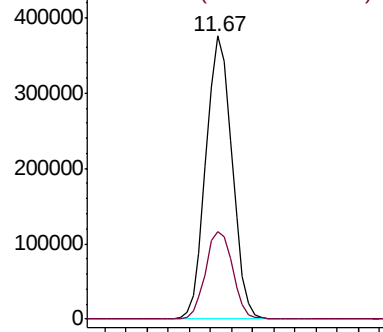
112 100

114 31.1 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: 52.829 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

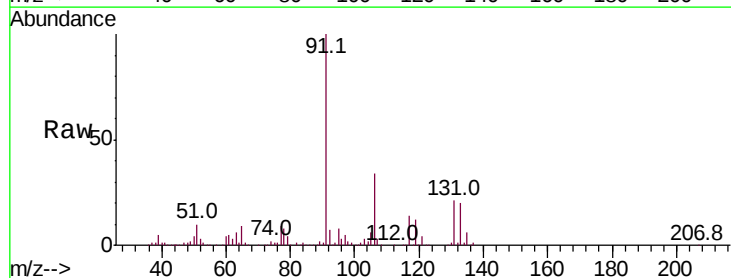
Tgt Ion:131 Resp: 251263

Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

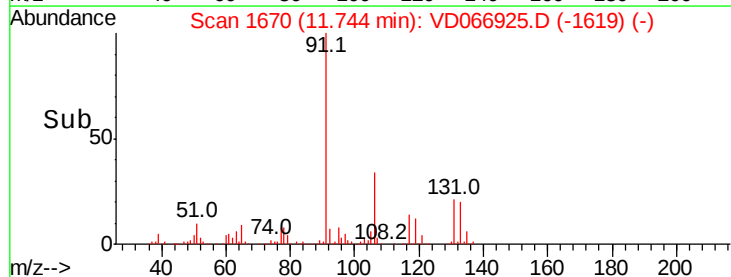
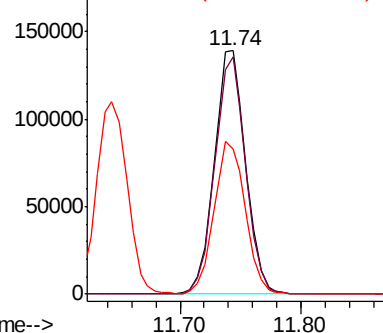
119 62.6 32.3 96.9

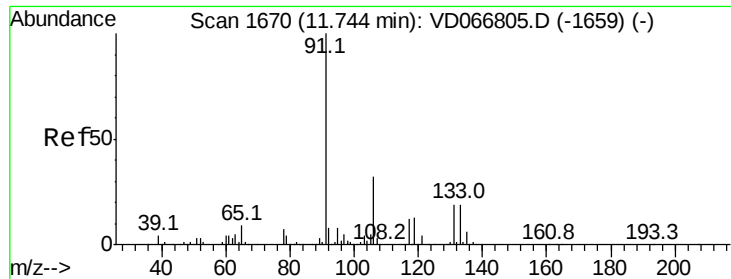


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

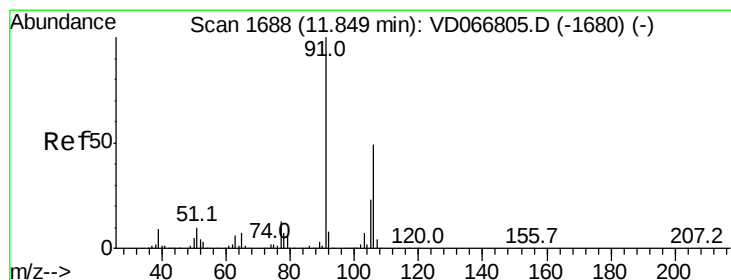
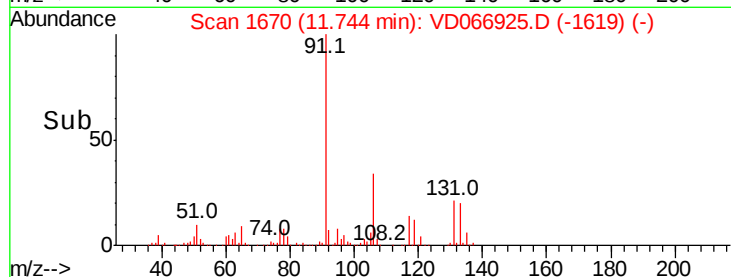
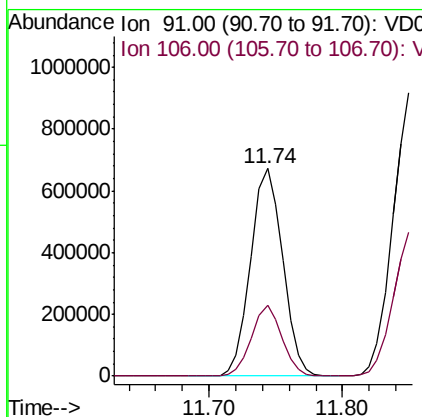
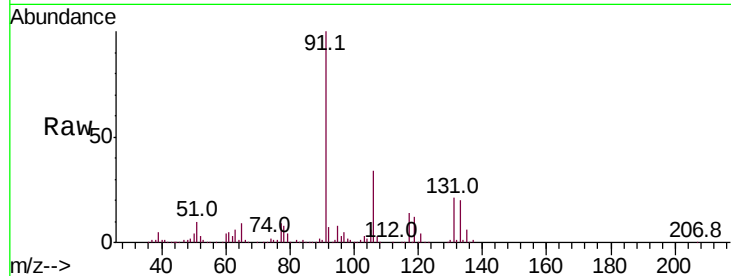




#67
Ethyl Benzene
Concen: 50.675 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

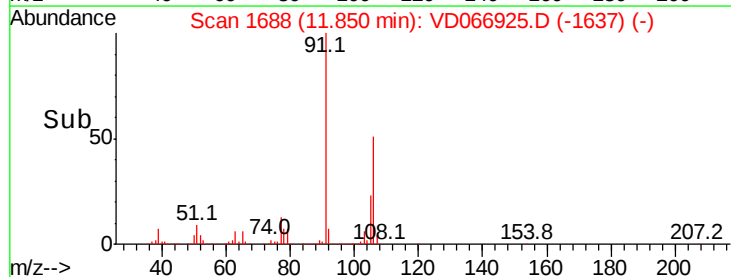
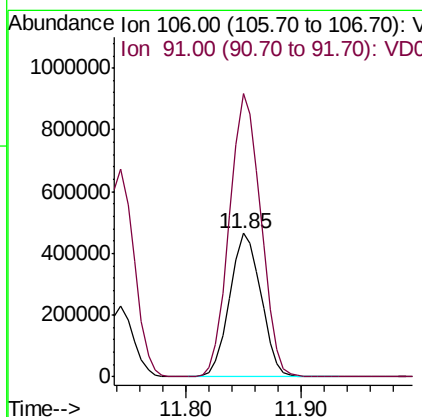
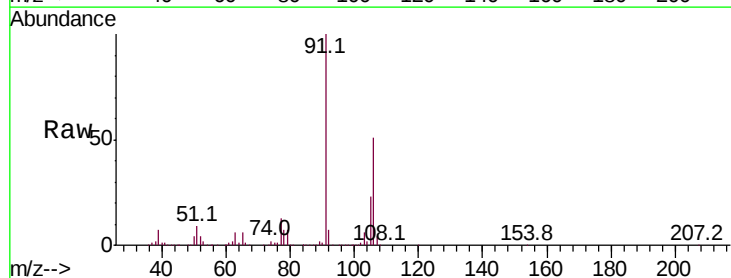
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

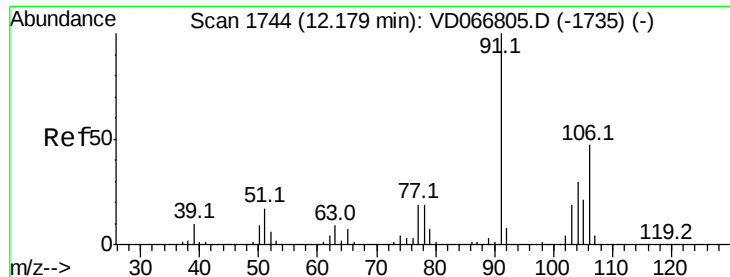
Tot Ion: 91 Resp: 1118433
Ion Ratio Lower Upper
91 100
106 34.1 25.6 38.4



#68
m/p-Xylenes
Concen: 104.712 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 106 Resp: 875000
Ion Ratio Lower Upper
106 100
91 197.3 160.7 241.1

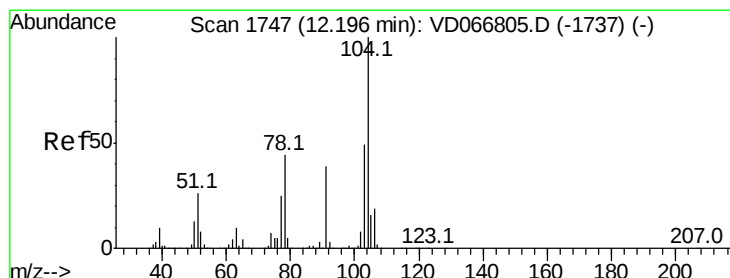
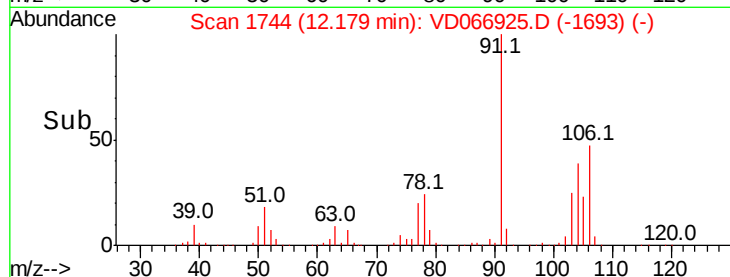
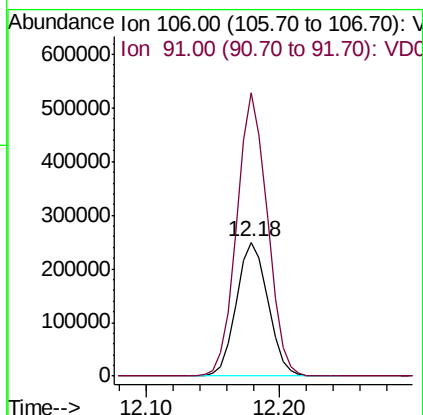
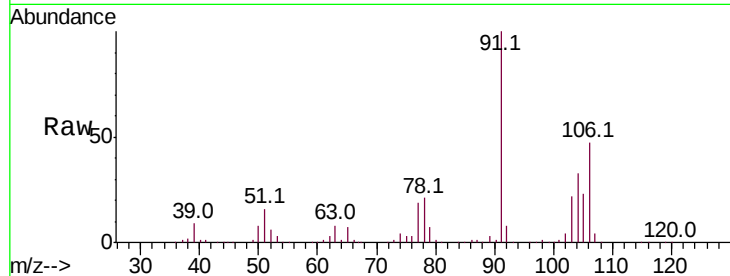




#69
o-Xylene
Concen: 54.200 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

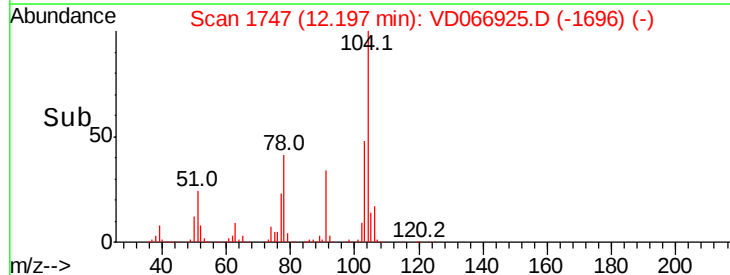
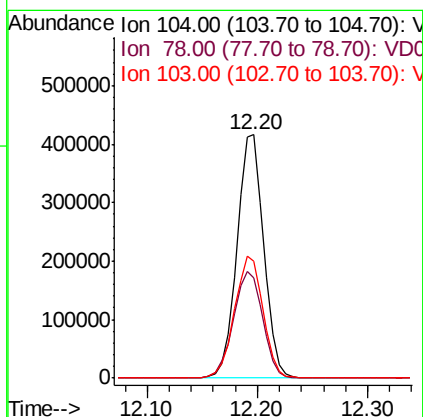
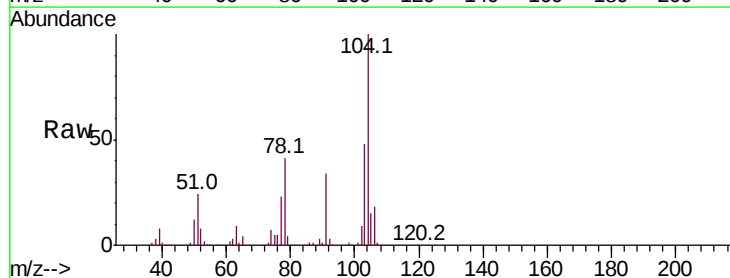
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

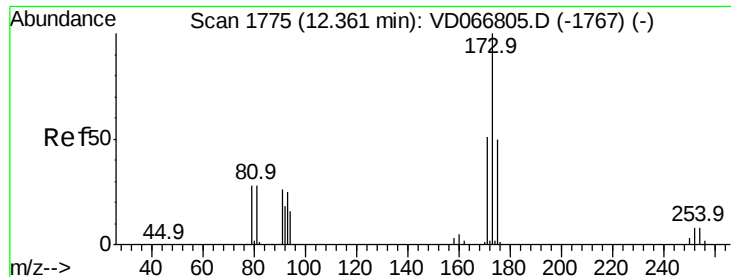
Tot Ion:106 Resp: 409537
Ion Ratio Lower Upper
106 100
91 205.0 106.3 318.8



#70
Styrene
Concen: 53.963 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion:104 Resp: 708094
Ion Ratio Lower Upper
104 100
78 48.1 38.9 58.3
103 53.5 43.2 64.8





#71

Bromoform

Concen: 55.671 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

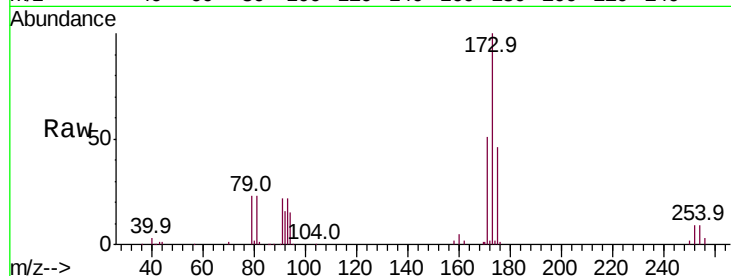
Tot Ion:173 Resp: 134062

Ion Ratio Lower Upper

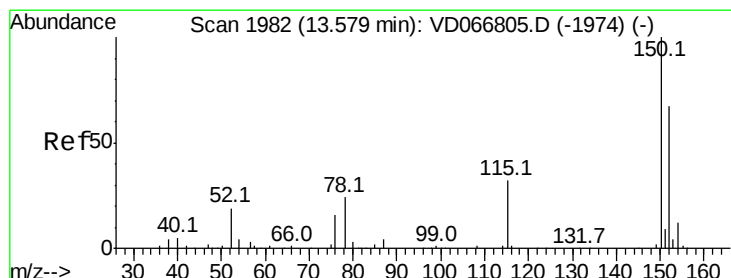
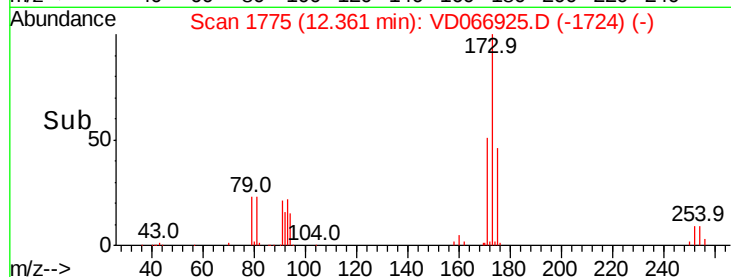
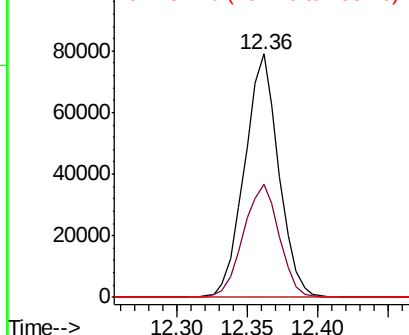
173 100

175 48.4 24.9 74.6

254 0.0 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: VD066925.D

Acq: 28 Sep 2020 20:40

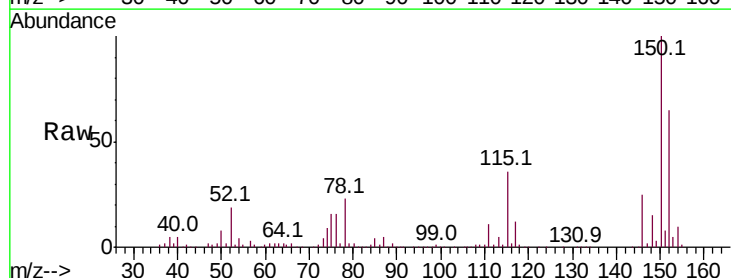
Tgt Ion:152 Resp: 292100

Ion Ratio Lower Upper

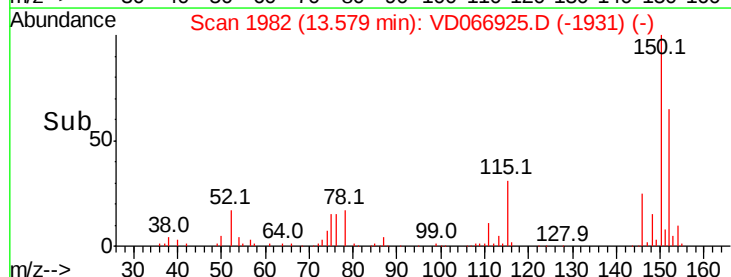
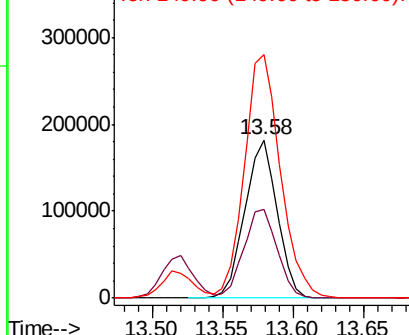
152 100

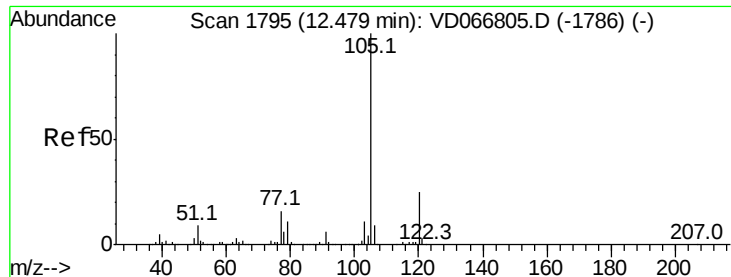
115 58.2 30.3 91.0

150 171.6 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: 51.175 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

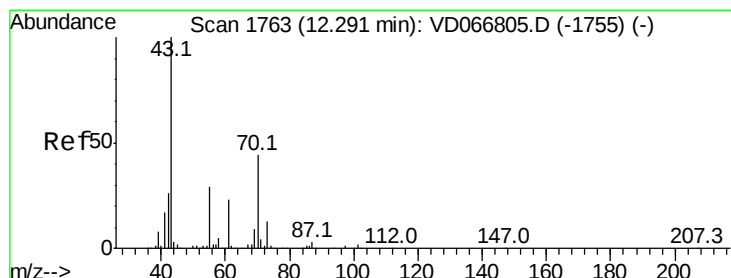
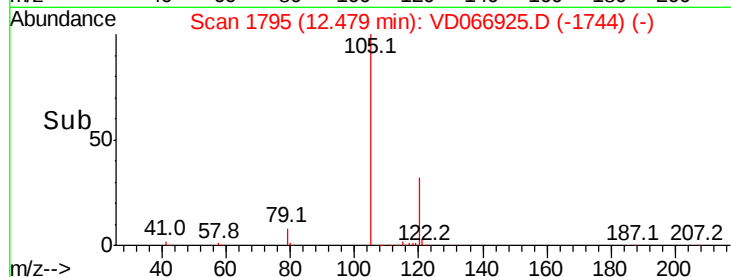
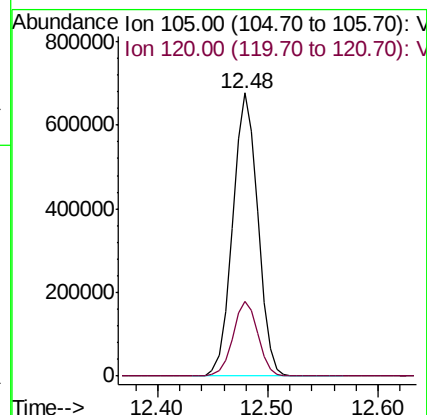
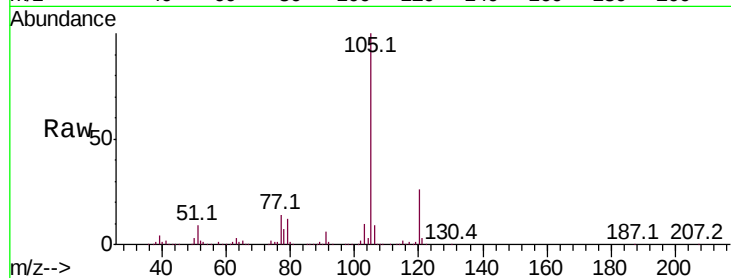
VSTDCCC050EC

Tot Ion:105 Resp: 1079855

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 52.104 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion: 43 Resp: 214706

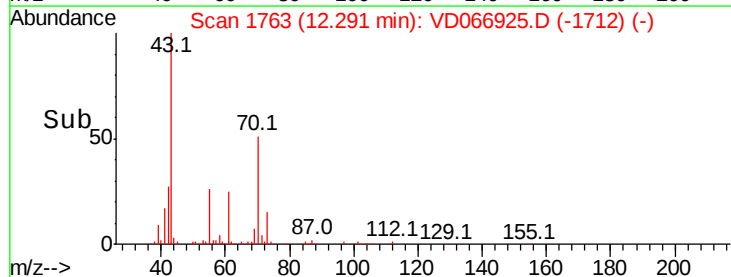
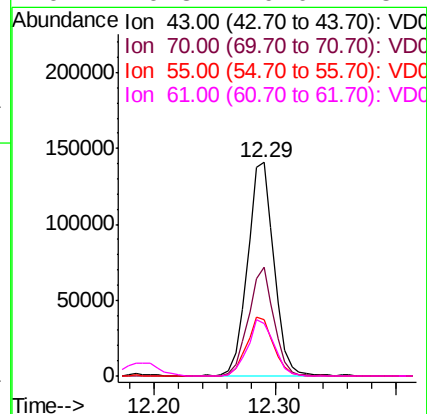
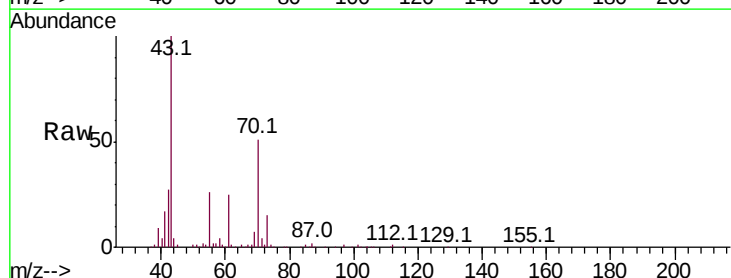
Ion Ratio Lower Upper

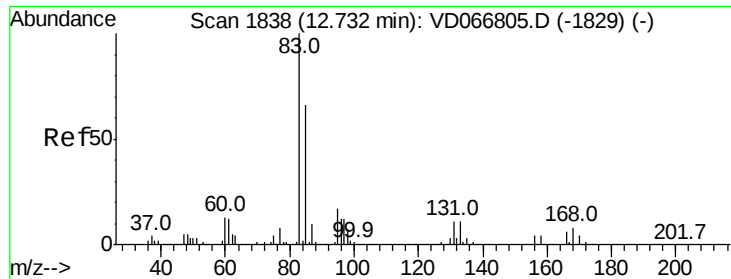
43 100

70 49.1 36.1 54.1

55 27.9 21.8 32.8

61 26.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.269 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

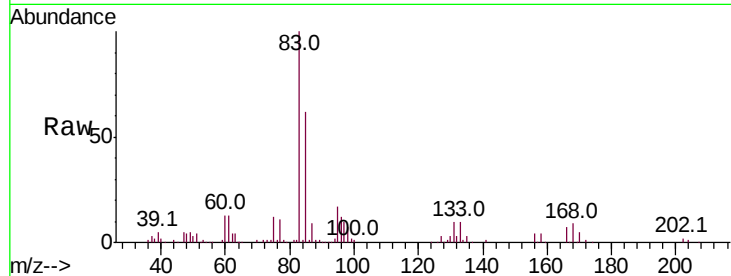
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 186676

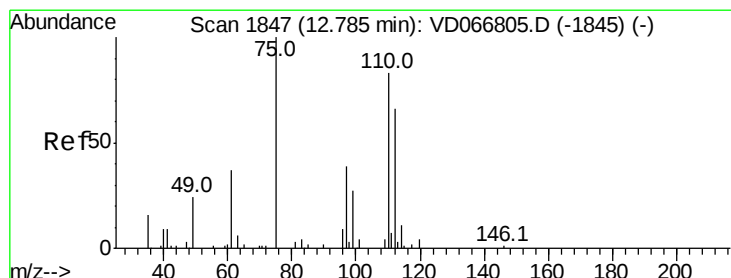
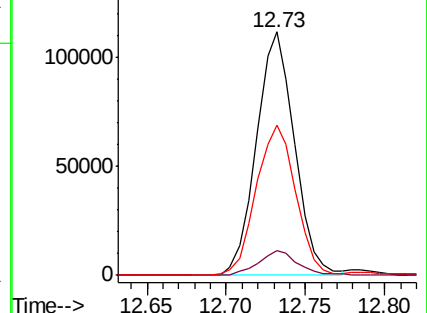
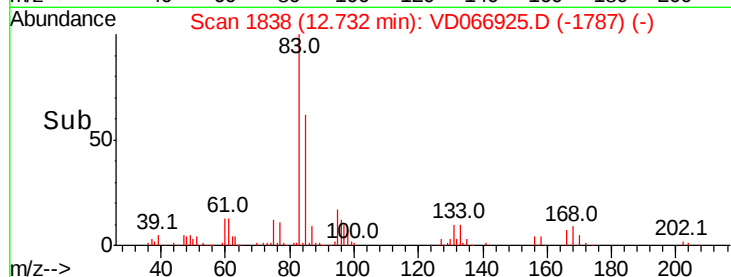
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.7
85	64.2	32.1	96.5



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: 106.249 ug/l

RT: 12.78 min Scan# 1847

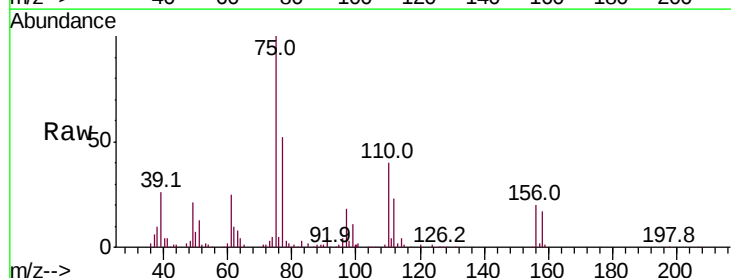
Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

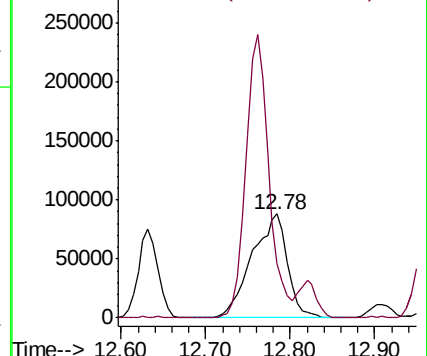
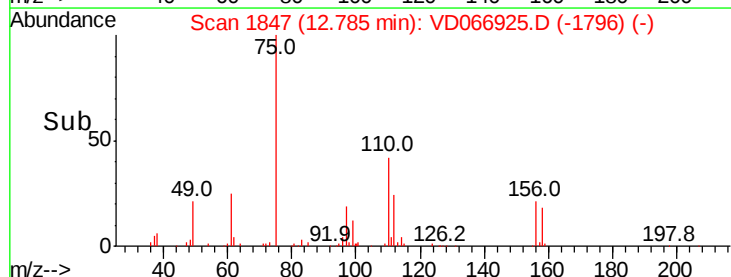
Tgt Ion: 75 Resp: 257195

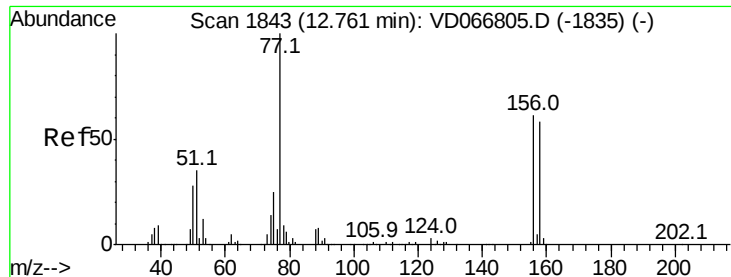
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.925 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

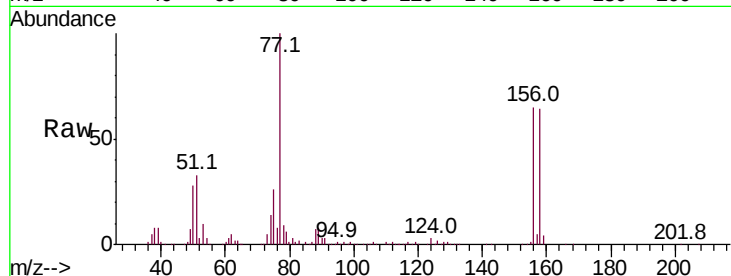
Tot Ion:156 Resp: 261191

Ion Ratio Lower Upper

156 100

77 174.0 92.3 276.9

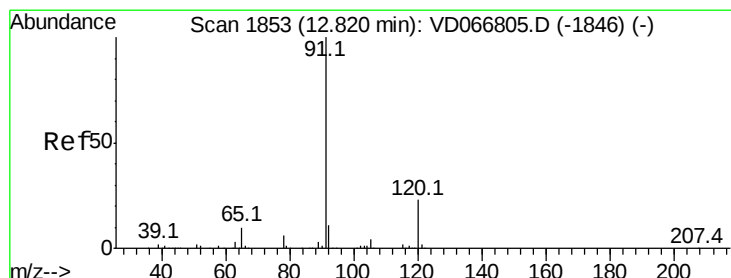
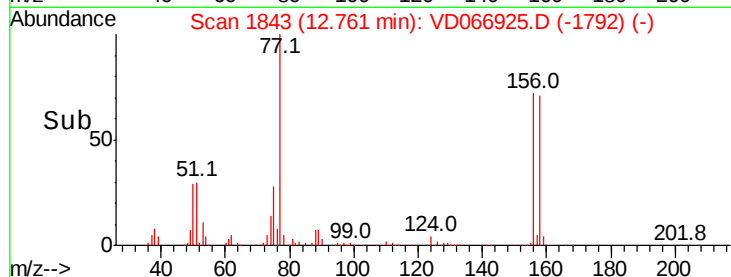
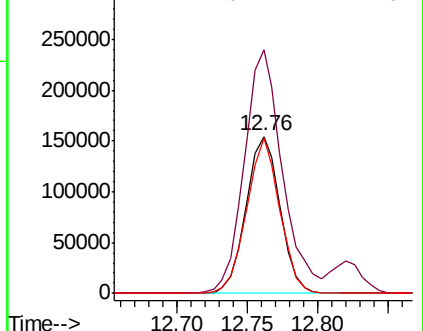
158 96.0 47.6 142.9



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: 49.357 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066925.D

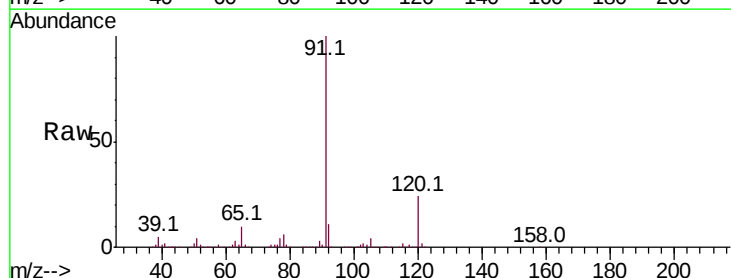
Acq: 28 Sep 2020 20:40

Tgt Ion: 91 Resp: 1252956

Ion Ratio Lower Upper

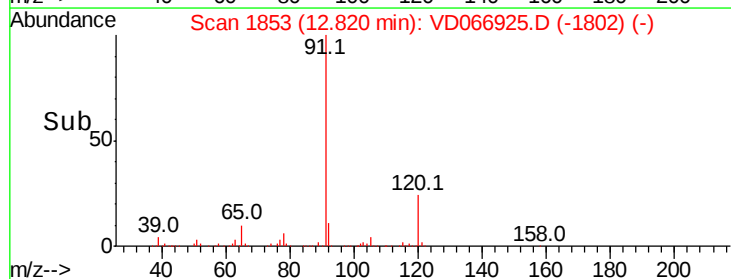
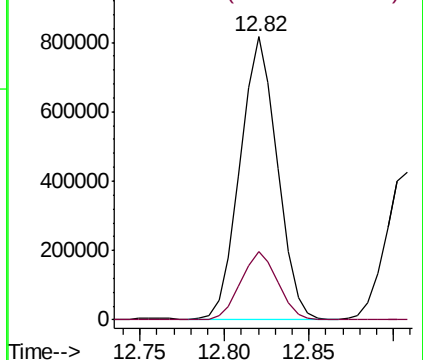
91 100

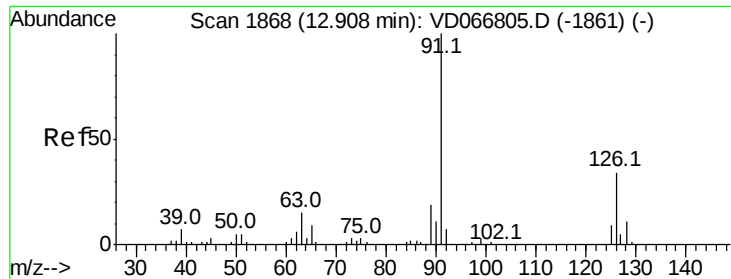
120 24.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

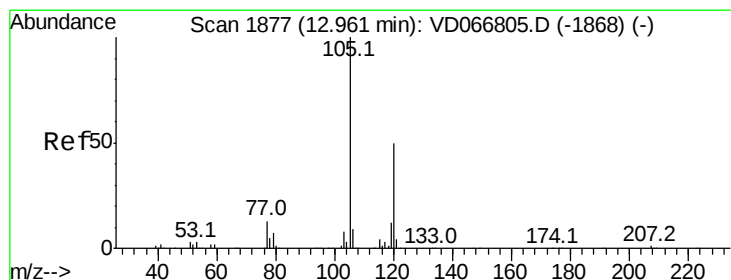
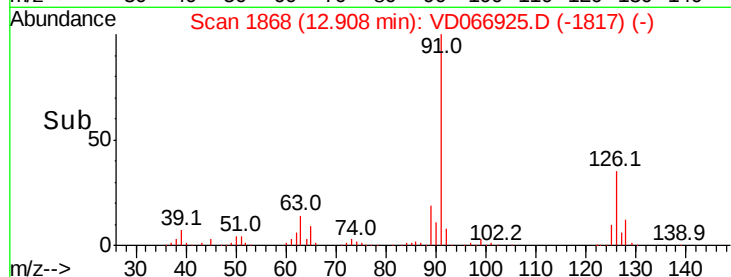
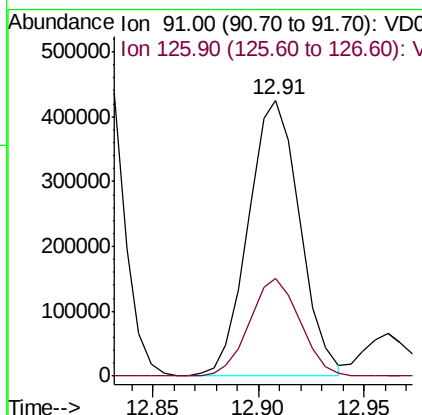
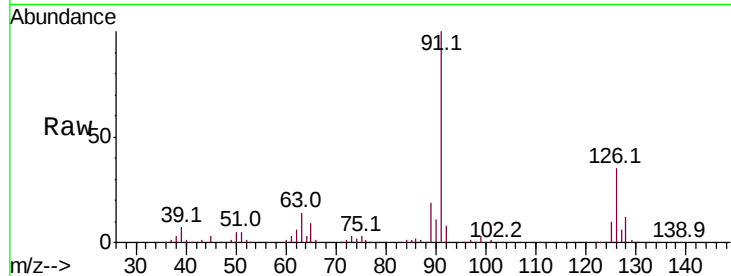




#79
2-Chlorotoluene
Concen: 49.787 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

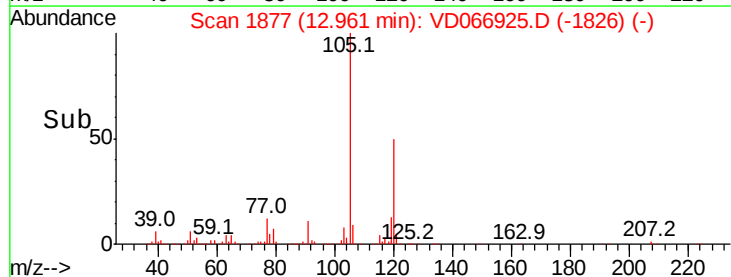
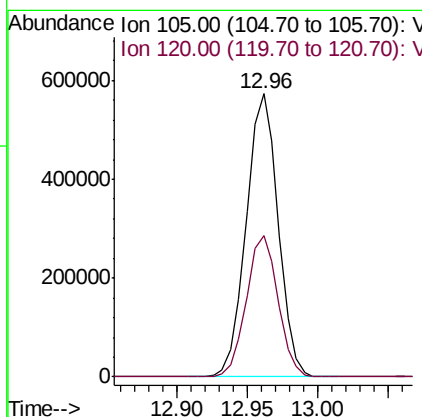
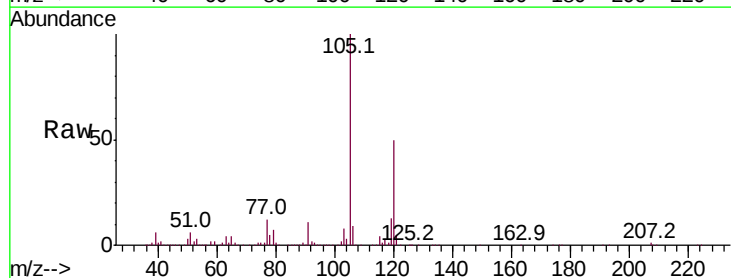
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

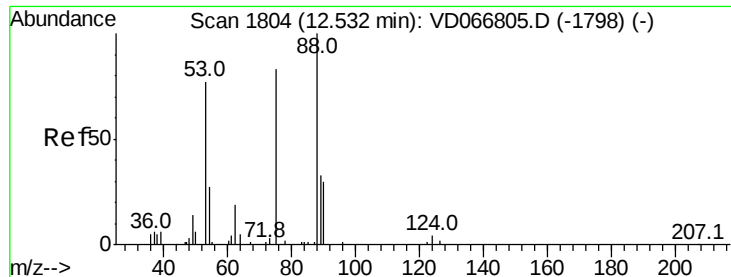
Tot Ion: 91 Resp: 720220
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.732 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion:105 Resp: 908336
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

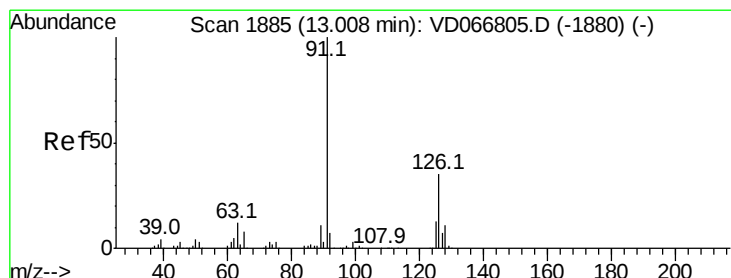
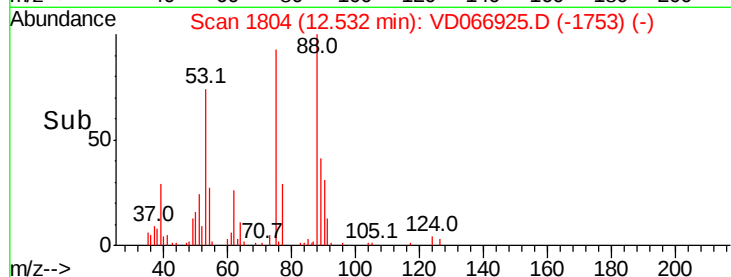
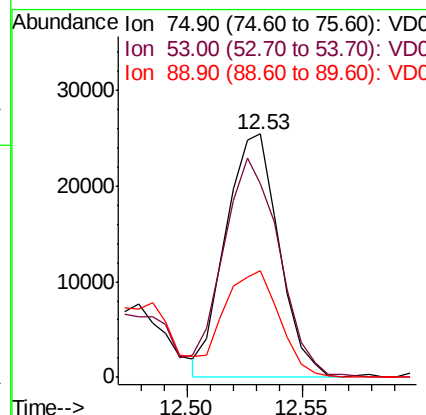
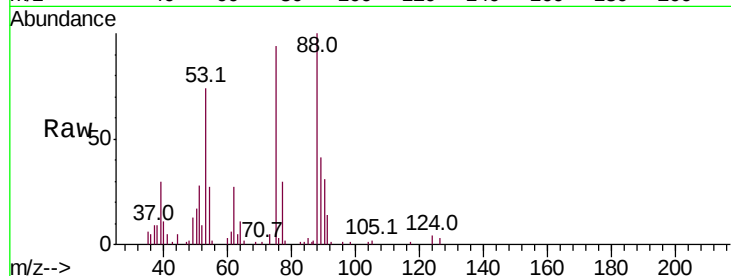




#81
trans-1,4-Dichloro-2-butene
Concen: 42.292 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

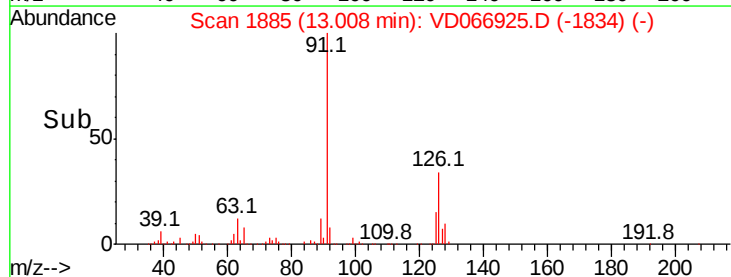
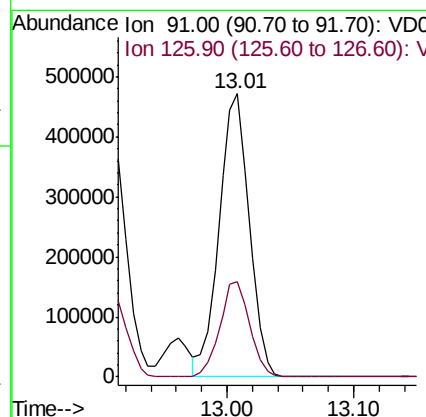
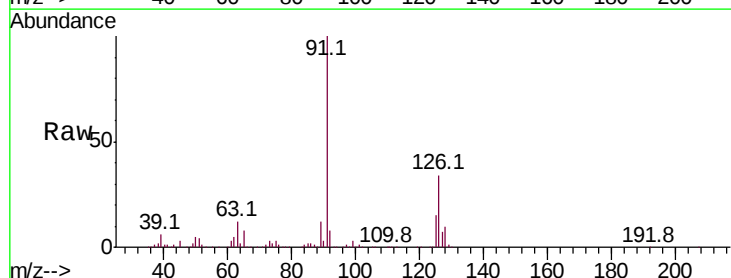
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

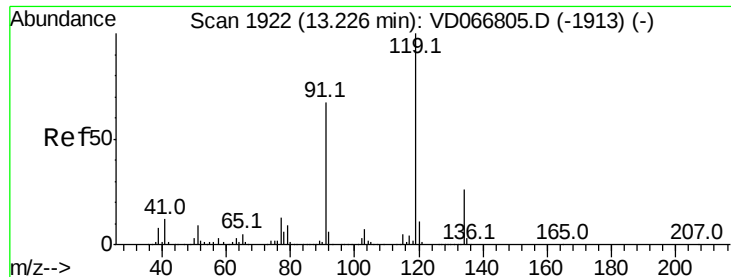
Tot Ion: 75 Resp: 40919
Ion Ratio Lower Upper
75 100
53 96.6 78.5 117.7
89 46.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 50.781 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 91 Resp: 774381
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2

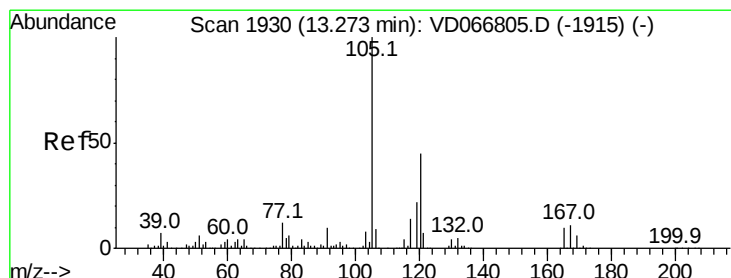
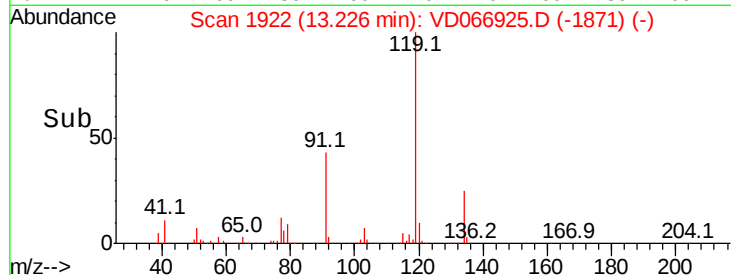
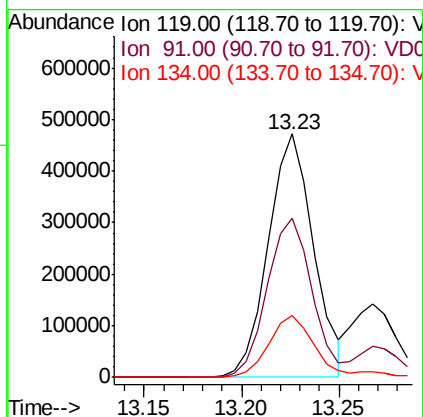
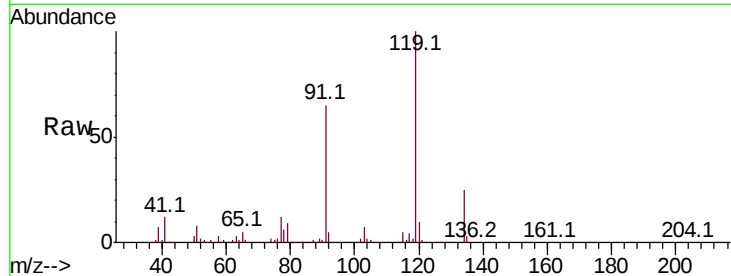




#83
 tert-Butylbenzene
 Concen: 51.589 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

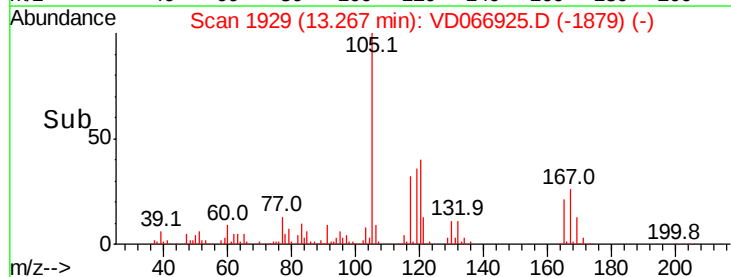
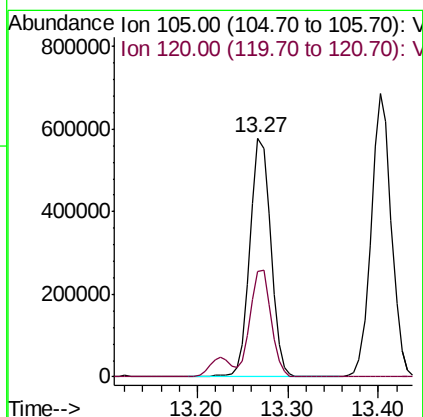
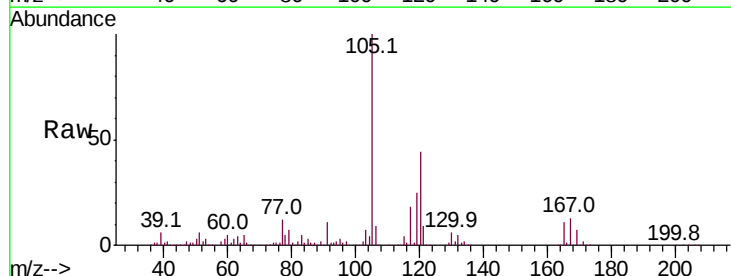
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

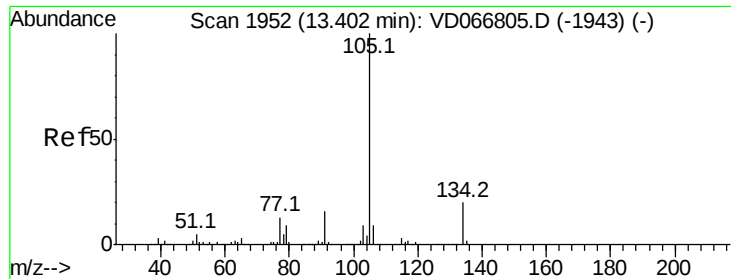
Tot Ion:119 Resp: 759013
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.6 100.8
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.751 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion:105 Resp: 918810
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.283 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

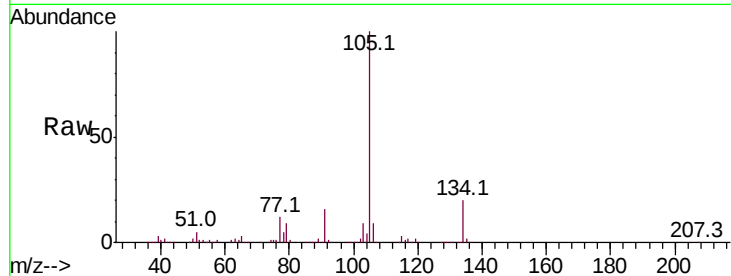
VSTDCCC050EC

Tot Ion:105 Resp: 1063827

Ion Ratio Lower Upper

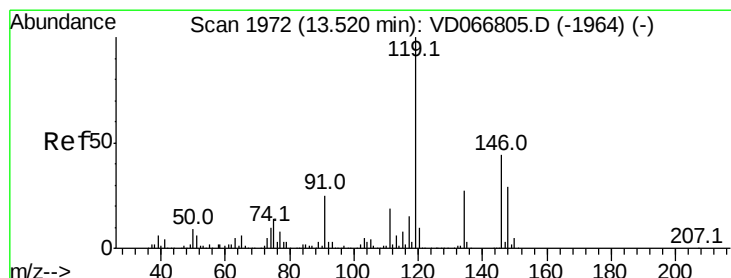
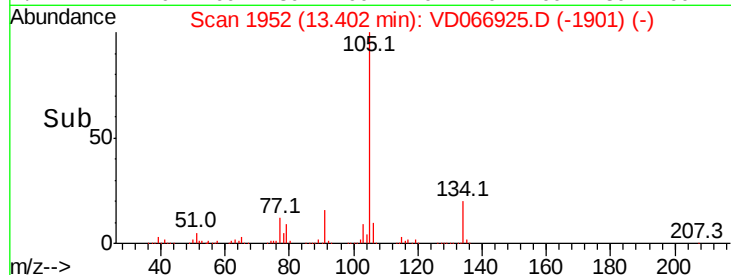
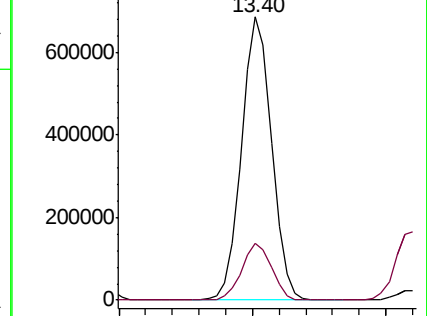
105 100

134 20.0 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: 51.533 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

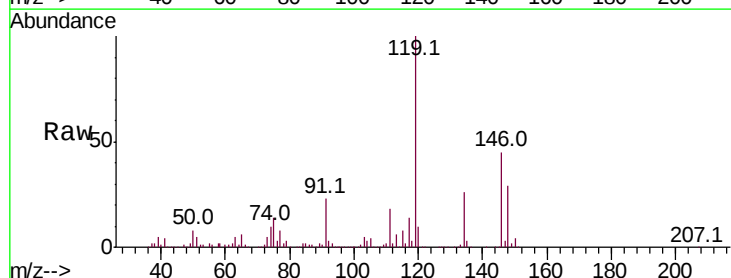
Tgt Ion:119 Resp: 982770

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

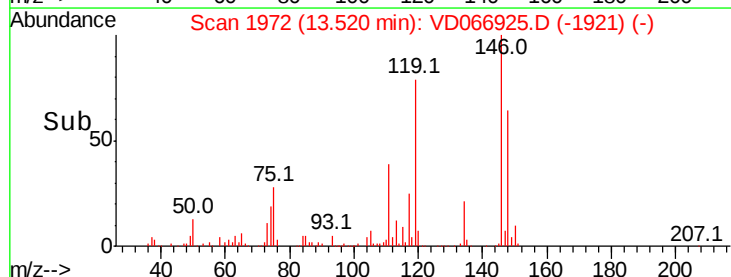
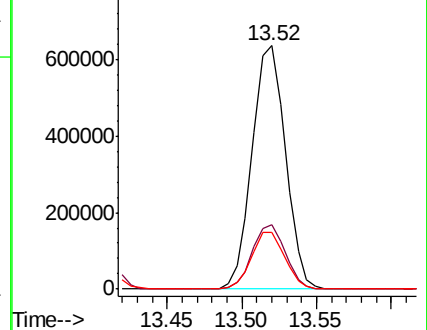
91 23.5 12.0 36.1

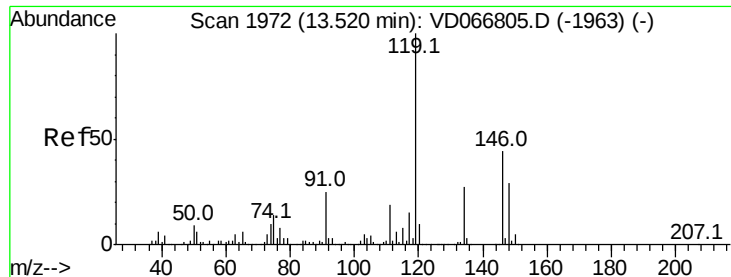


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

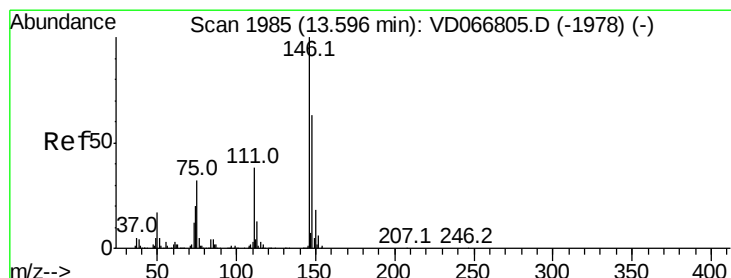
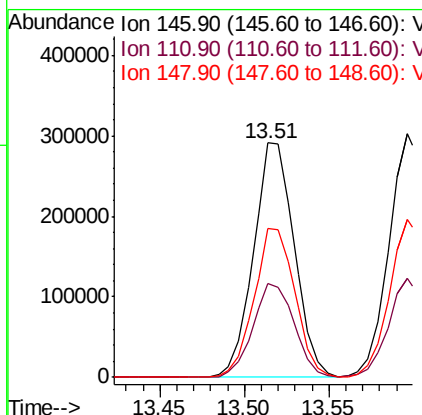
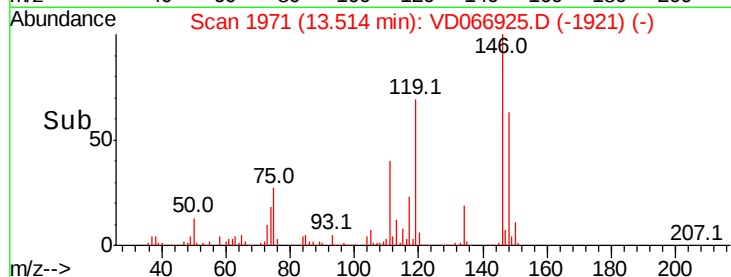
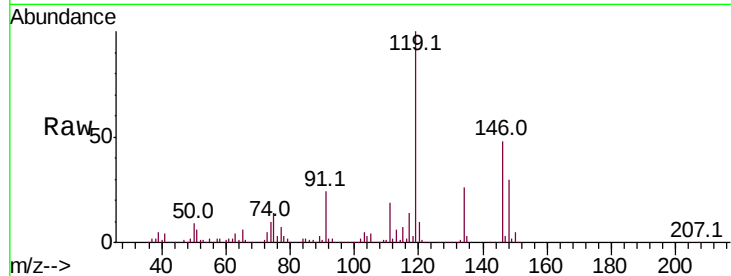




#87
 1,3-Dichlorobenzene
 Concen: 50.175 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

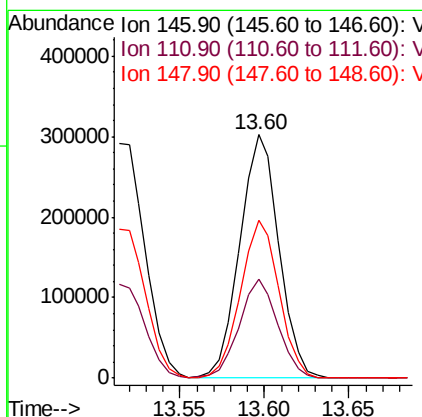
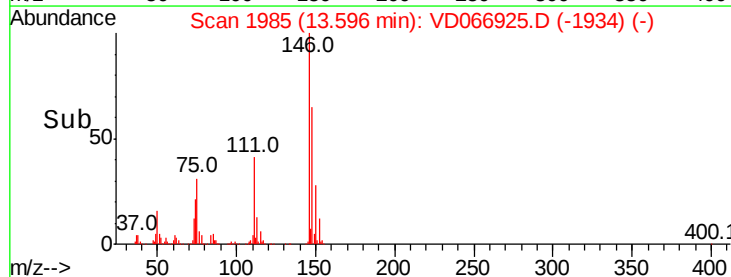
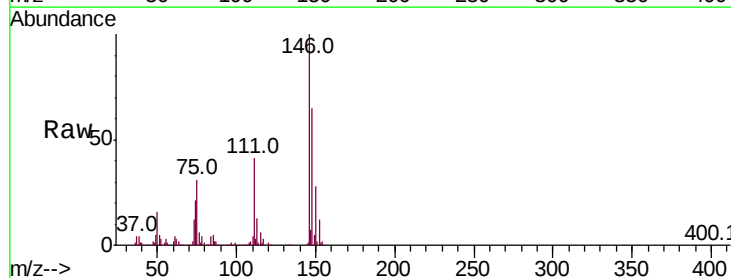
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

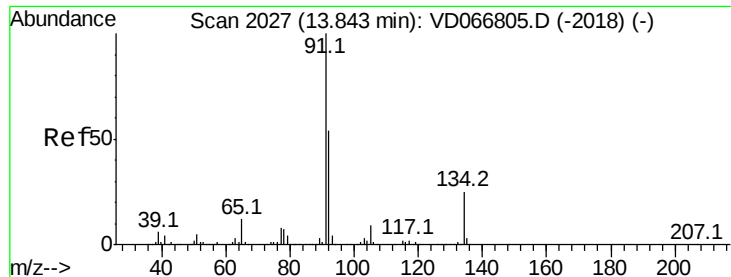
Tot Ion:146 Resp: 489206
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.229 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion:146 Resp: 486406
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 64.0 31.6 94.7

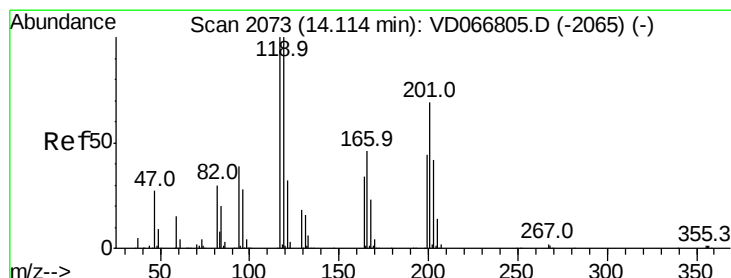
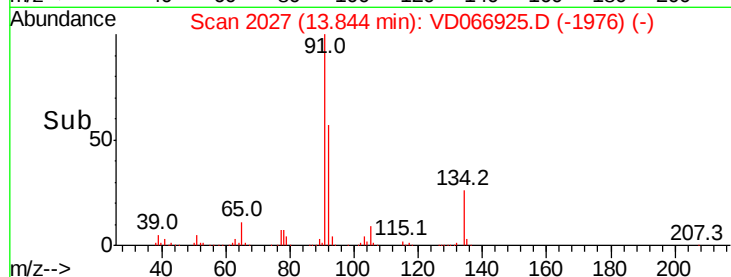
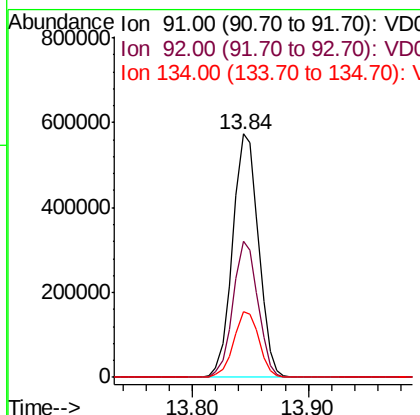
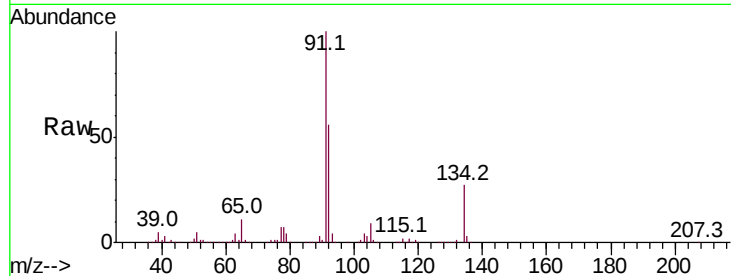




#89
n-Butylbenzene
Concen: 49.039 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

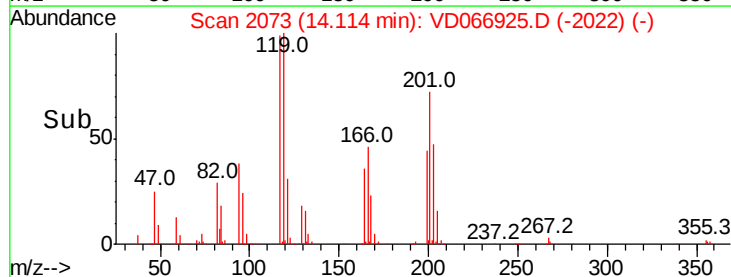
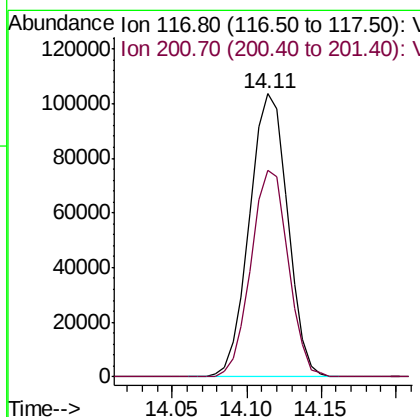
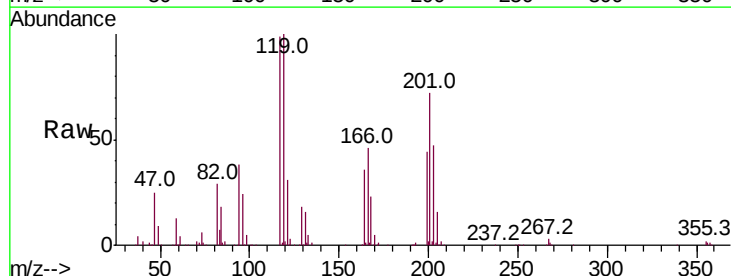
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

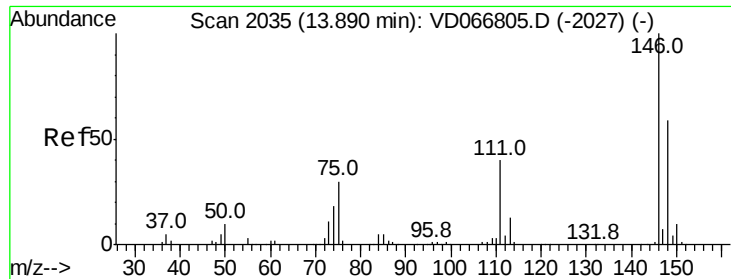
Tot Ion: 91 Resp: 888909
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 26.3 13.1 39.1



#90
Hexachloroethane
Concen: 47.276 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 117 Resp: 183038
Ion Ratio Lower Upper
117 100
201 71.3 33.7 101.0

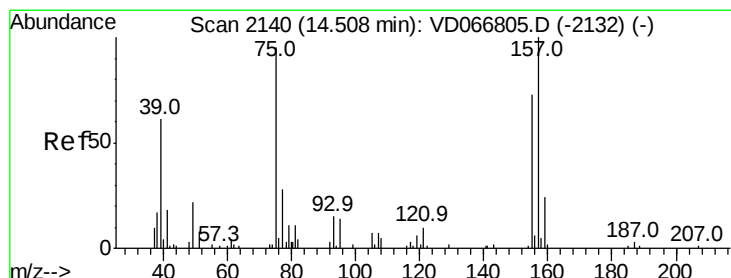
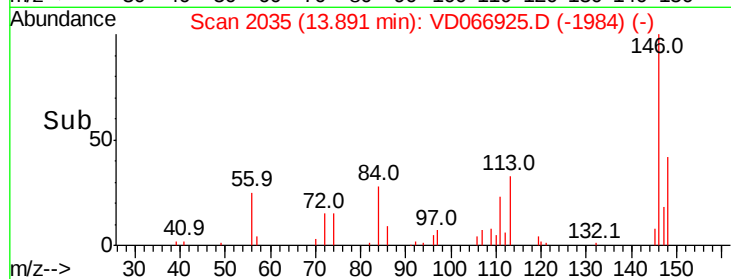
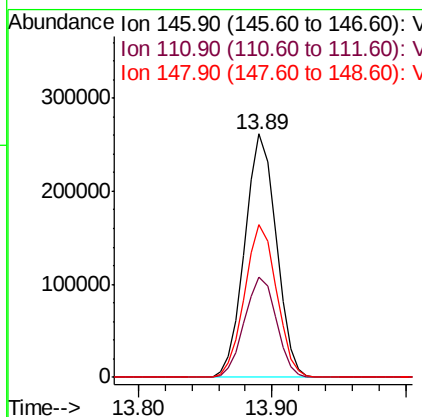
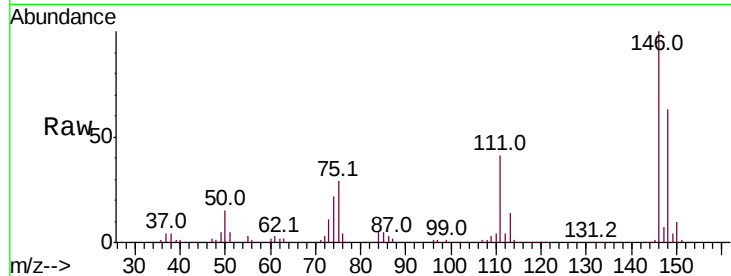




#91
 1,2-Dichlorobenzene
 Concen: 51.147 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

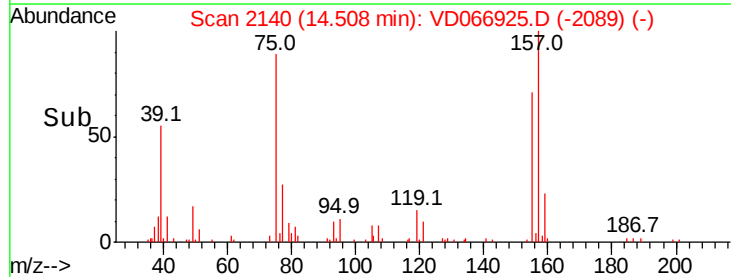
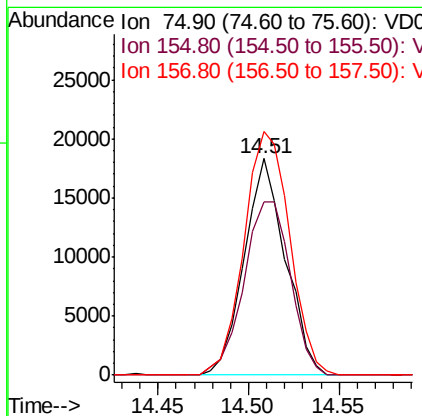
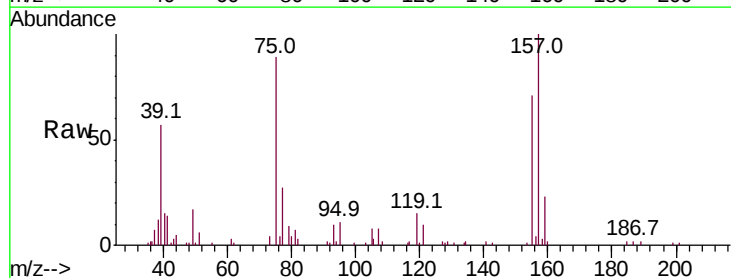
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

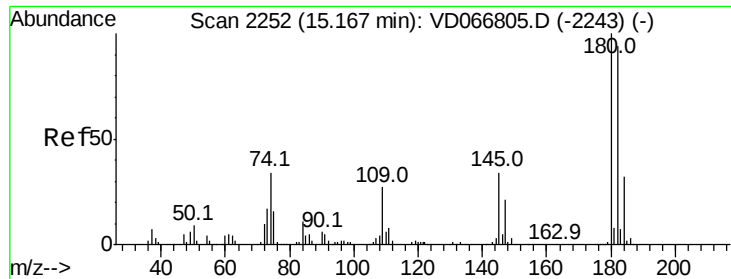
Tot Ion:146 Resp: 426650
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.668 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 75 Resp: 29092
 Ion Ratio Lower Upper
 75 100
 155 90.0 40.4 121.2
 157 124.1 51.3 153.9

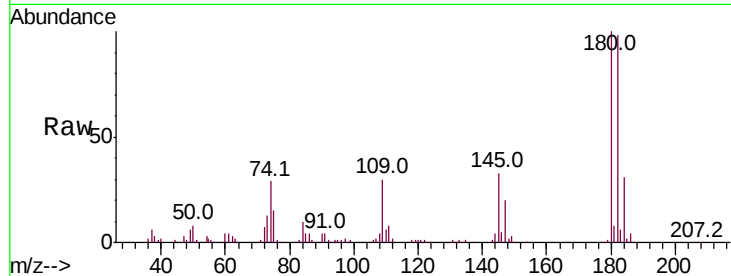




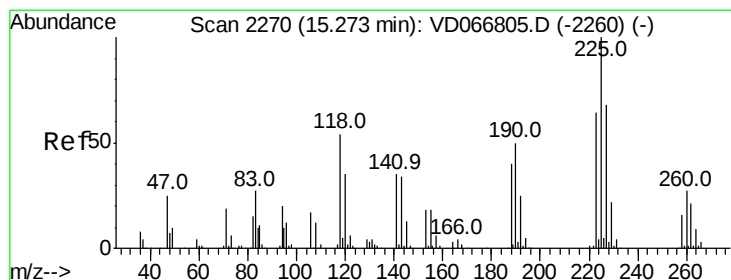
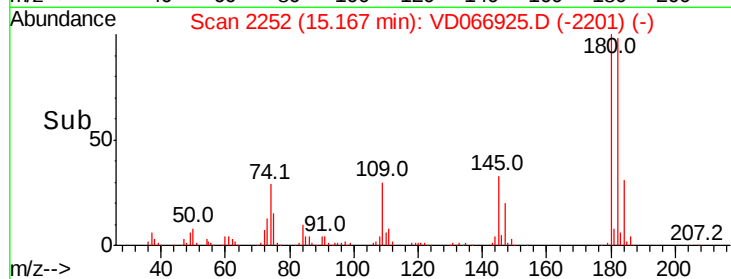
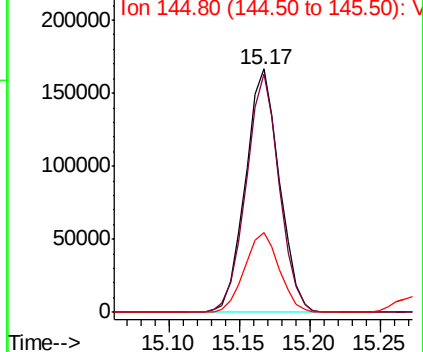
#93
 1,2,4-Trichlorobenzene
 Concen: 53.576 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.8	146.3
145	33.3	16.7	50.0

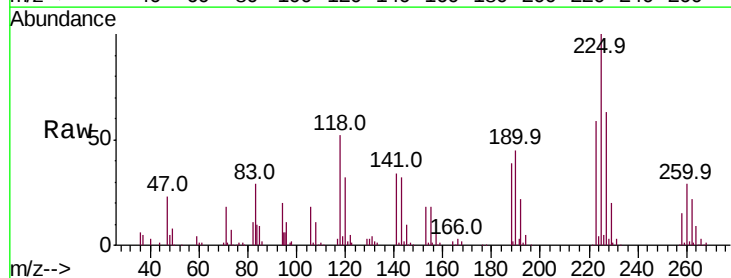


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

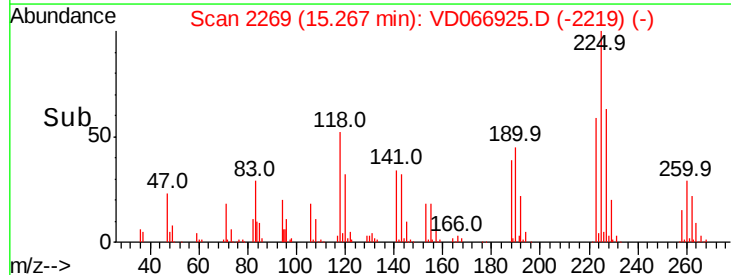
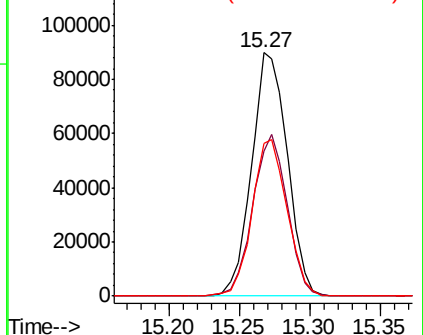


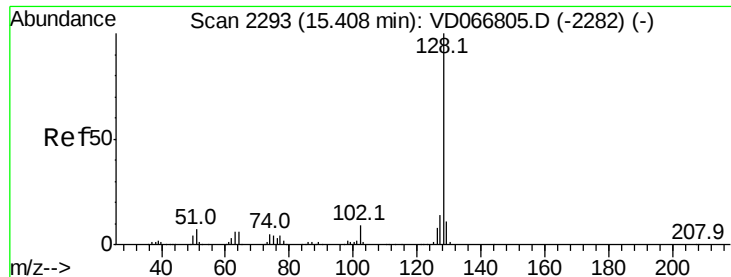
#94
 Hexachlorobutadiene
 Concen: 50.741 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.3
227	62.9	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

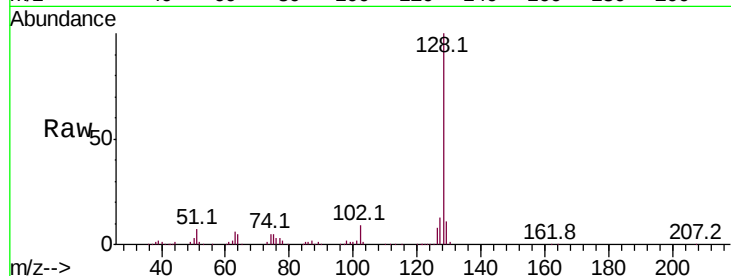




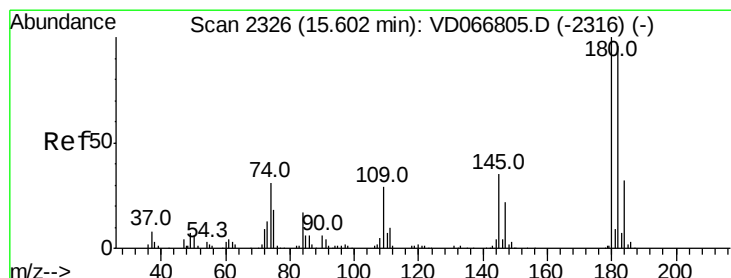
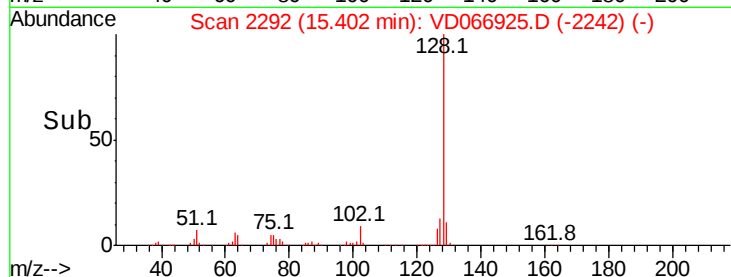
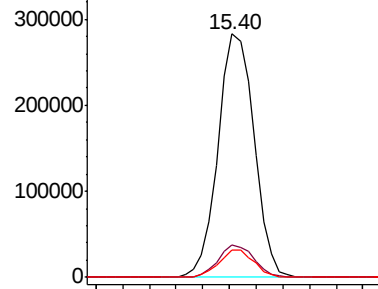
#95
Naphthalene
Concen: 59.288 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 528561
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.9 13.3

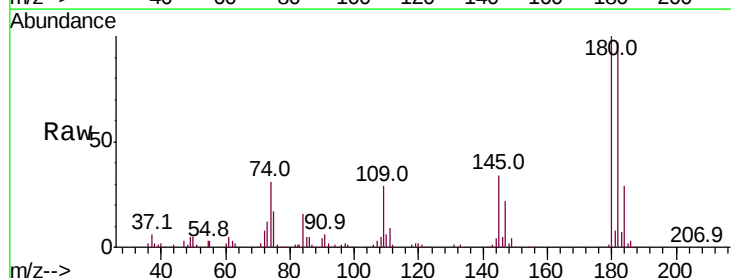


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.270 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion:180 Resp: 250498
Ion Ratio Lower Upper
180 100
182 96.1 46.8 140.3
145 33.3 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

