

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066294.D
 Acq On : 18 Aug 2020 23:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 19 06:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	226447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	339024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	312426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	163699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	122811	60.79	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	121.58%	
35) Dibromofluoromethane	7.91	113	117428	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
50) Toluene-d8	10.33	98	430018	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.63	95	156435	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	81319	40.760	ug/l	98
3) Chloromethane	2.20	50	66440	42.811	ug/l	99
4) Vinyl Chloride	2.34	62	65840	47.919	ug/l	99
5) Bromomethane	2.76	94	46910	51.460	ug/l	97
6) Chloroethane	2.92	64	44148	52.345	ug/l #	82
7) Trichlorofluoromethane	3.27	101	180821	50.479	ug/l	99
8) Diethyl Ether	3.71	74	51589	51.041	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	106197	49.955	ug/l	99
10) Methyl Iodide	4.29	142	111454	56.568	ug/l	97
11) Tert butyl alcohol	5.21	59	43967	298.879	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	97817	48.776	ug/l	96
13) Acrolein	3.92	56	32831	204.163	ug/l	99
14) Allyl chloride	4.71	41	148744	48.958	ug/l	94
15) Acrylonitrile	5.42	53	121479	285.218	ug/l	100
16) Acetone	4.16	43	97929	255.471	ug/l	93
17) Carbon Disulfide	4.40	76	275161	43.153	ug/l	99
18) Methyl Acetate	4.71	43	53196	54.635	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	265165	57.687	ug/l	98
20) Methylene Chloride	4.96	84	132496	61.235	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	116537	50.585	ug/l	90
22) Diisopropyl ether	6.36	45	316020	52.599	ug/l	96
23) Vinyl Acetate	6.30	43	954142	271.081	ug/l	99
24) 1,1-Dichloroethane	6.26	63	196442	52.833	ug/l	97
25) 2-Butanone	7.20	43	147919	262.359	ug/l	97
26) 2,2-Dichloropropane	7.20	77	167911	50.386	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	134060	55.479	ug/l	97
28) Bromochloromethane	7.54	49	72543	55.549	ug/l	94
29) Tetrahydrofuran	7.56	42	94448	270.382	ug/l	96
30) Chloroform	7.70	83	217116	55.611	ug/l	94
31) Cyclohexane	7.98	56	151204	42.721	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	203114	55.486	ug/l	99
36) 1,1-Dichloropropene	8.11	75	153127	48.066	ug/l	99
37) Ethyl Acetate	7.29	43	67189	53.229	ug/l	98
38) Carbon Tetrachloride	8.09	117	186972	52.629	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	180064	46.756	ug/l	97
40) Benzene	8.34	78	447887	50.679	ug/l	95
41) Methacrylonitrile	7.56	41	97220	130.994	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	152129	58.595	ug/l	98
43) Isopropyl Acetate	8.44	43	135175	54.352	ug/l	99
44) Trichloroethene	9.11	130	135154	50.751	ug/l	98
45) 1,2-Dichloropropane	9.38	63	111761	51.706	ug/l	93
46) Dibromomethane	9.47	93	65497	55.012	ug/l	97
47) Bromodichloromethane	9.66	83	175292	55.707	ug/l	99
48) Methyl methacrylate	9.45	41	64168	50.529	ug/l #	82
49) 1,4-Dioxane	9.46	88	17178	1123.036	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	357220	279.629	ug/l	99
52) Toluene	10.40	92	301046	51.768	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	161851	54.199	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	187935	53.714	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	92104	53.724	ug/l	95
56) Ethyl methacrylate	10.66	69	115010	55.844	ug/l	97
57) 1,3-Dichloropropane	10.94	76	154098	54.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	266821	288.026	ug/l	99
59) 2-Hexanone	10.98	43	247757	276.343	ug/l	96
60) Dibromochloromethane	11.14	129	134317	56.749	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92478	56.090	ug/l	99
64) Tetrachloroethene	10.87	164	123395	51.434	ug/l	95
65) Chlorobenzene	11.67	112	333960	52.656	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	136967	55.193	ug/l	98
67) Ethyl Benzene	11.74	91	582104	52.963	ug/l	97
68) m/p-Xylenes	11.86	106	440401	103.423	ug/l	95
69) o-Xylene	12.18	106	209669	54.128	ug/l	98
70) Styrene	12.19	104	373243	54.981	ug/l	98
71) Bromoform	12.36	173	83677	56.912	ug/l #	97
73) Isopropylbenzene	12.48	105	577600	52.859	ug/l	100
74) N-amyl acetate	12.29	43	130105	54.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	101125	54.272	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	133563	97.839	ug/l #	100
77) Bromobenzene	12.76	156	150993	53.679	ug/l	99
78) n-propylbenzene	12.82	91	658267	51.823	ug/l	99
79) 2-Chlorotoluene	12.91	91	380137	52.326	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	492122	53.851	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	32949	53.354	ug/l	95
82) 4-Chlorotoluene	13.00	91	405994	52.939	ug/l	100
83) tert-Butylbenzene	13.23	119	420894	52.371	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	485771	53.115	ug/l	99
85) sec-Butylbenzene	13.40	105	570132	52.543	ug/l	100
86) p-Isopropyltoluene	13.52	119	529416	52.021	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	271514	51.358	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	267351	50.708	ug/l	99
89) n-Butylbenzene	13.84	91	465797	51.084	ug/l	100
90) Hexachloroethane	14.11	117	108132	53.274	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	247423	52.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17884	55.845	ug/l	99

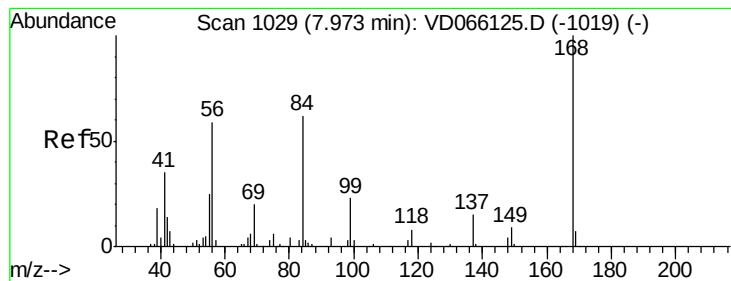
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	175944	51.064	ug/l	99
94) Hexachlorobutadiene	15.27	225	106085	52.286	ug/l	97
95) Naphthalene	15.41	128	323341	57.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	161447	53.079	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

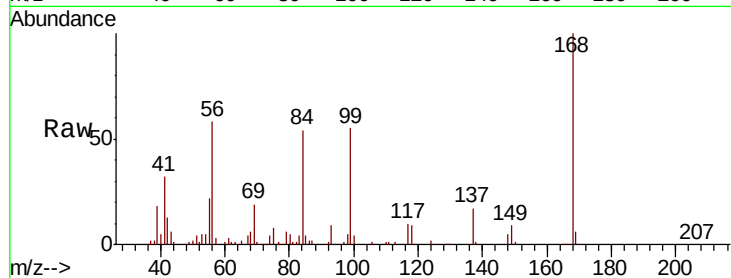
VSTDCCC050

Tot Ion:168 Resp: 226447

Ion Ratio Lower Upper

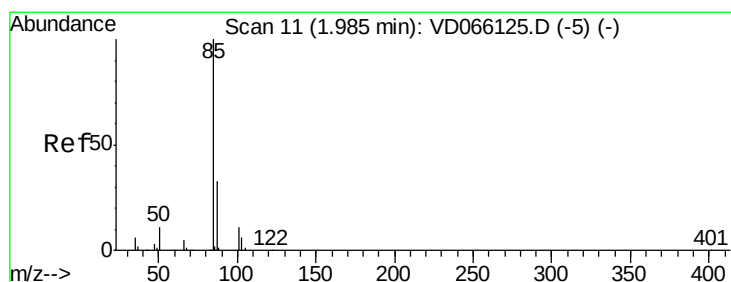
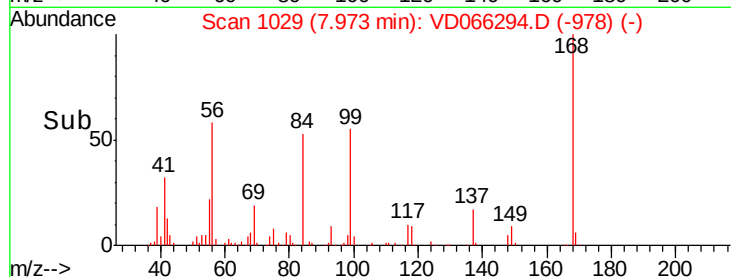
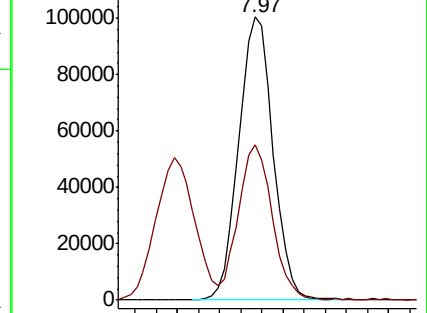
168 100

99 54.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 40.760 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066294.D

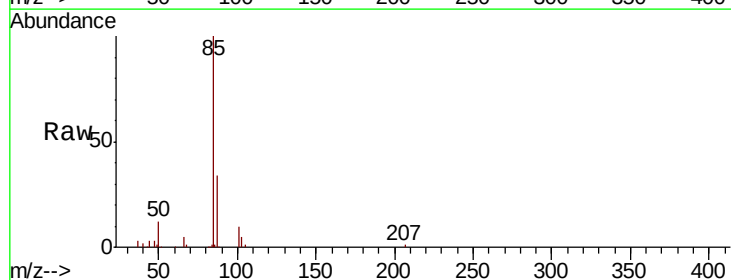
Acq: 18 Aug 2020 23:30

Tgt Ion: 85 Resp: 81319

Ion Ratio Lower Upper

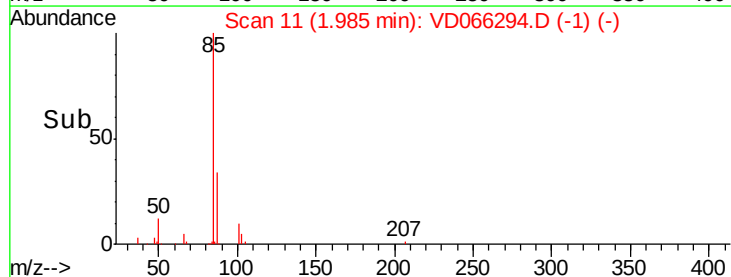
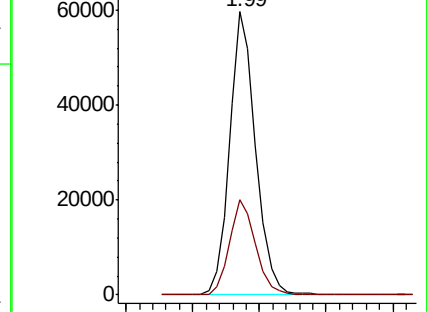
85 100

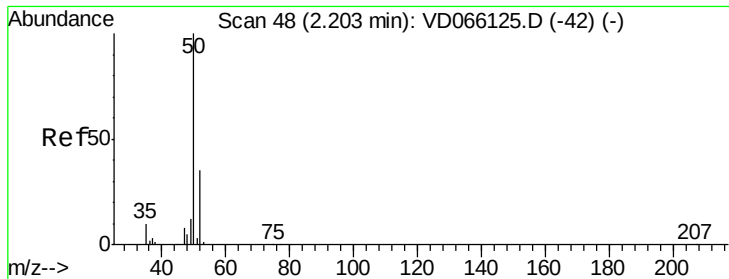
87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.811 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

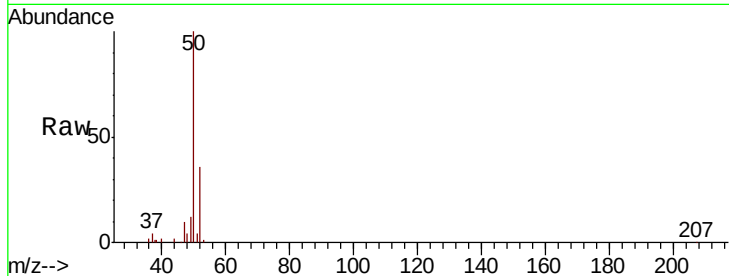
VSTDCCC050

Tot Ion: 50 Resp: 66440

Ion Ratio Lower Upper

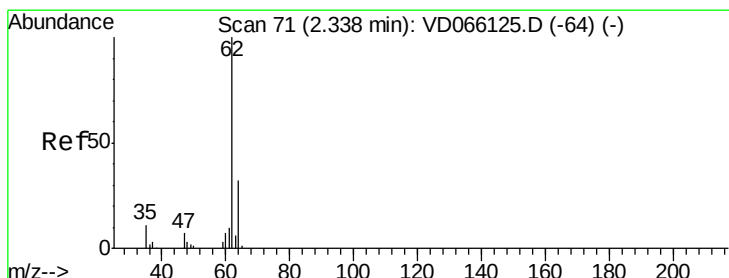
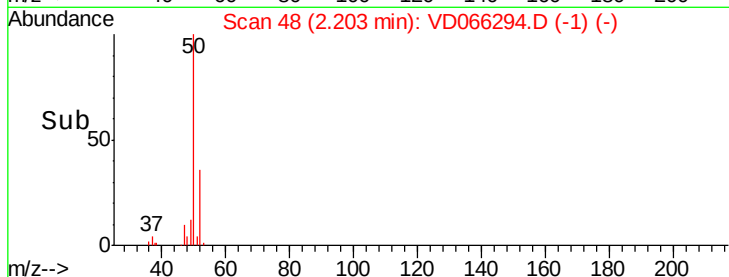
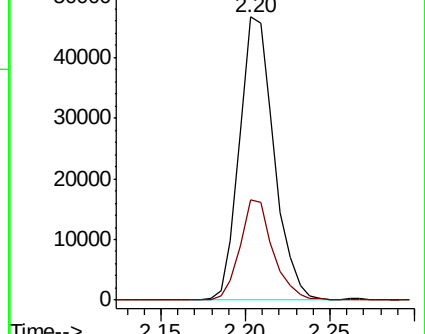
50 100

52 35.5 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.919 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066294.D

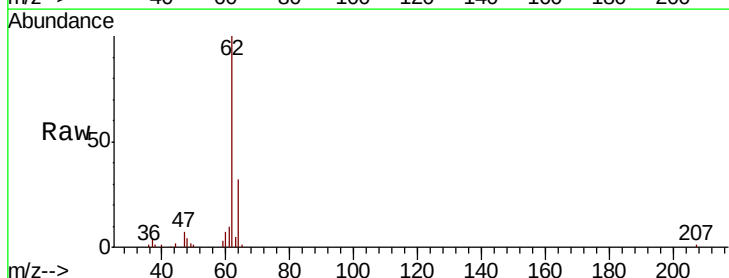
Acq: 18 Aug 2020 23:30

Tgt Ion: 62 Resp: 65840

Ion Ratio Lower Upper

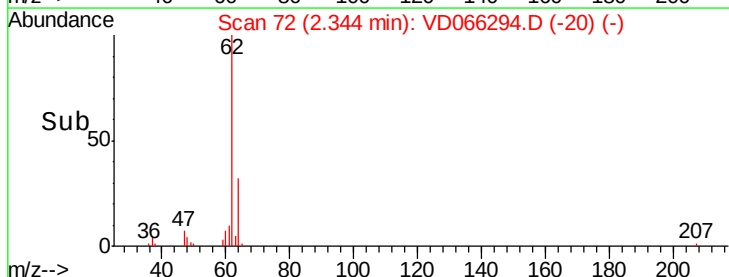
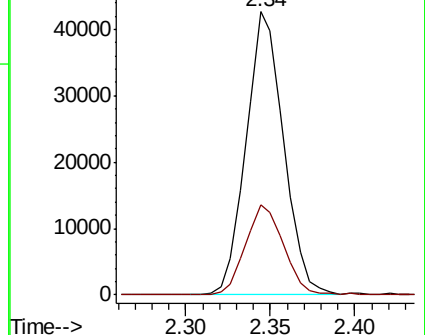
62 100

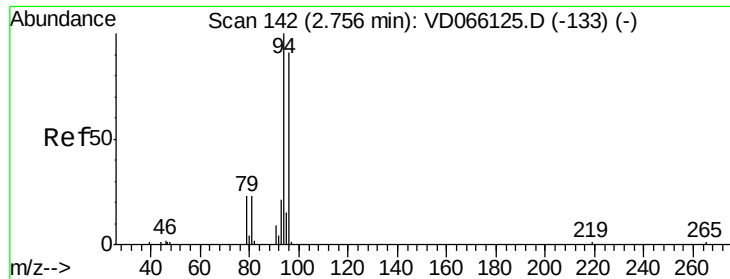
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.460 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

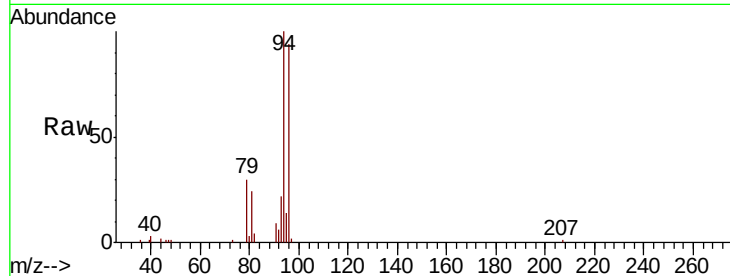
VSTDCCC050

Tot Ion: 94 Resp: 46910

Ion Ratio Lower Upper

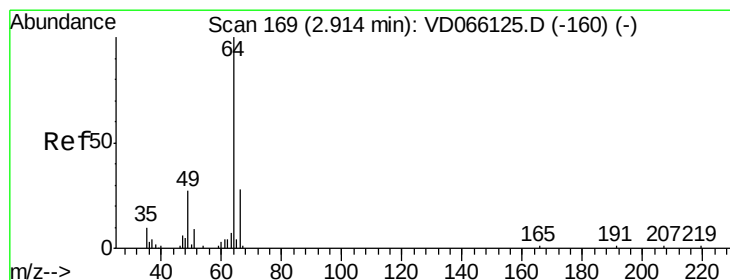
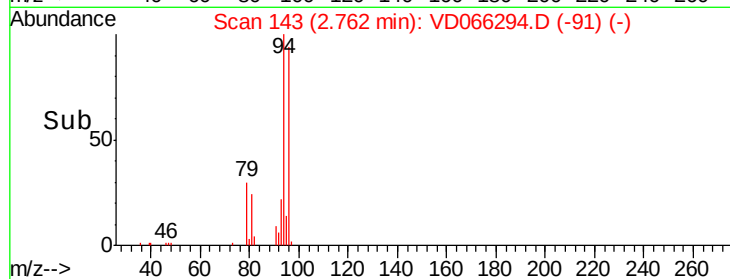
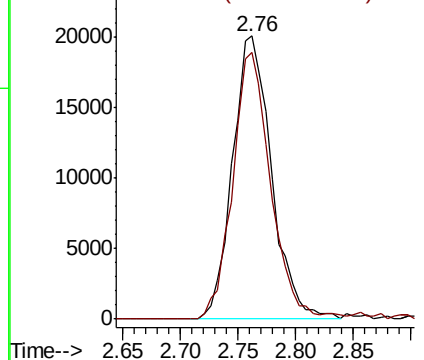
94 100

96 94.1 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.345 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066294.D

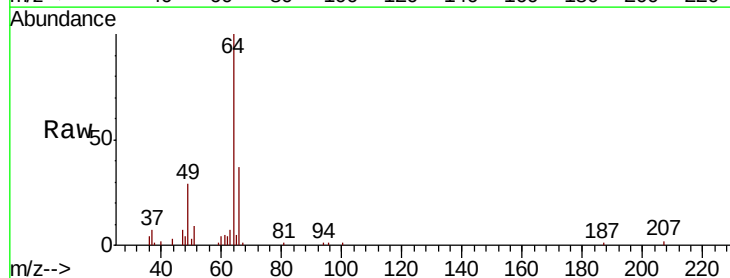
Acq: 18 Aug 2020 23:30

Tgt Ion: 64 Resp: 44148

Ion Ratio Lower Upper

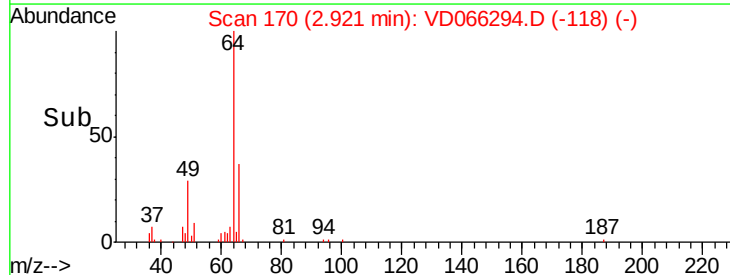
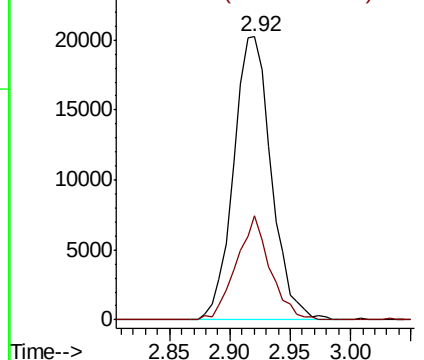
64 100

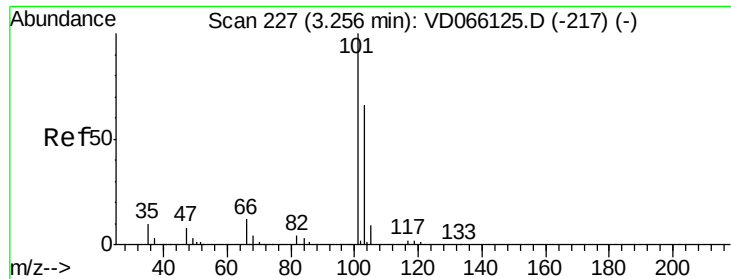
66 36.9 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 50.479 ug/l

RT: 3.27 min Scan# 229

Delta R.T. 0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

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ClientSampleId :

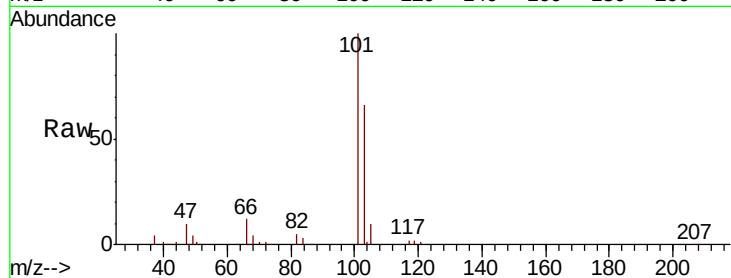
VSTDCCC050

Tot Ion:101 Resp: 180821

Ion Ratio Lower Upper

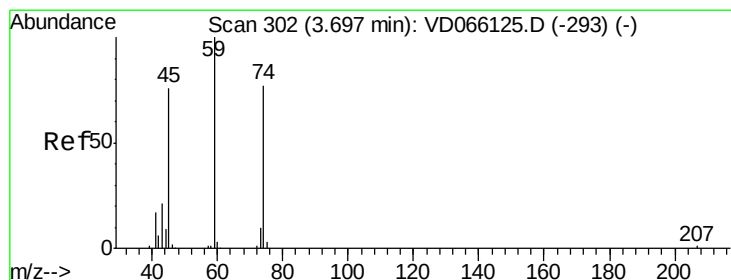
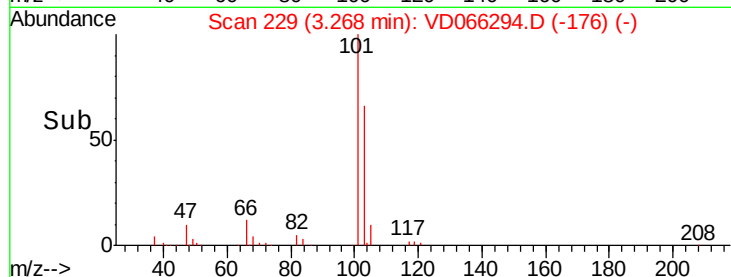
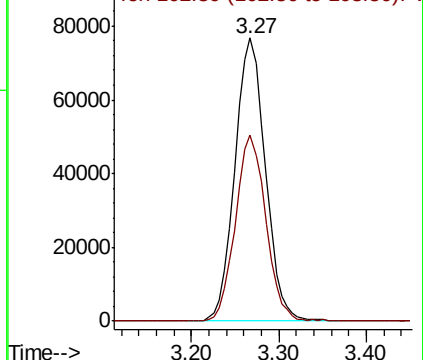
101 100

103 65.7 53.0 79.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.041 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066294.D

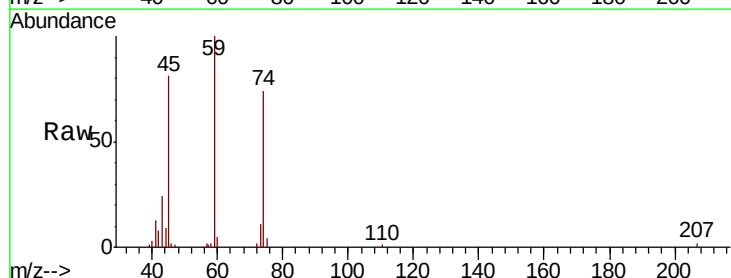
Acq: 18 Aug 2020 23:30

Tgt Ion: 74 Resp: 51589

Ion Ratio Lower Upper

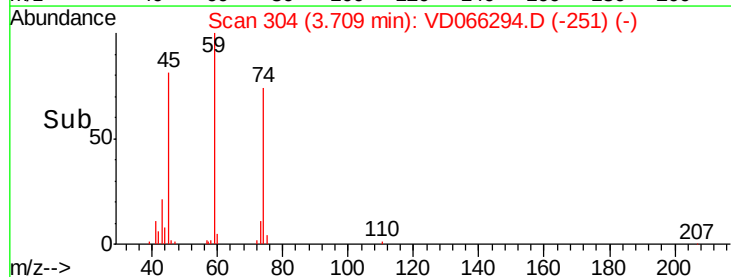
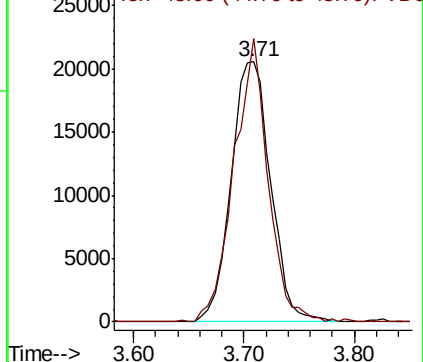
74 100

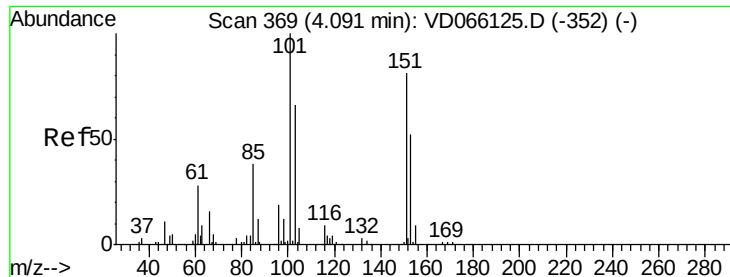
45 94.2 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.955 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

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VSTDCCC050

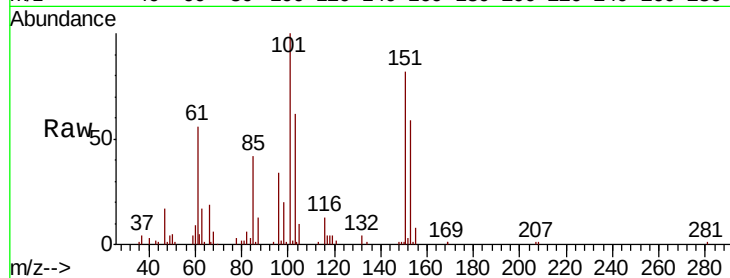
Tot Ion:101 Resp: 106197

Ion Ratio Lower Upper

101 100

85 43.1 33.5 50.3

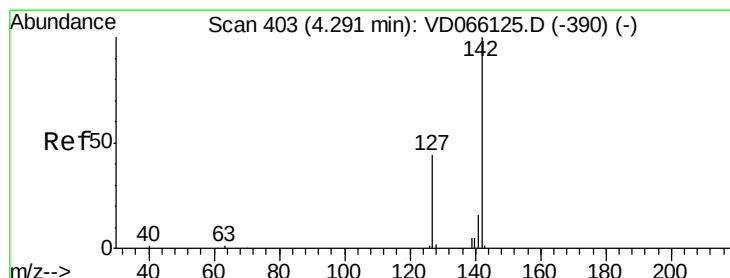
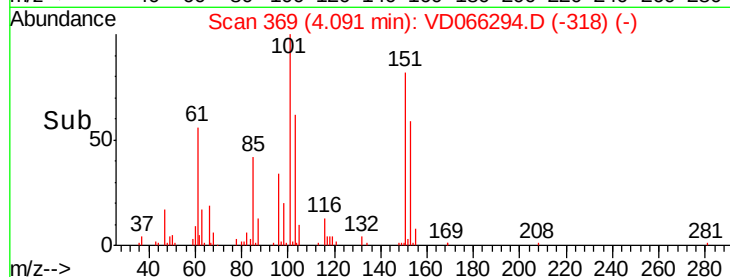
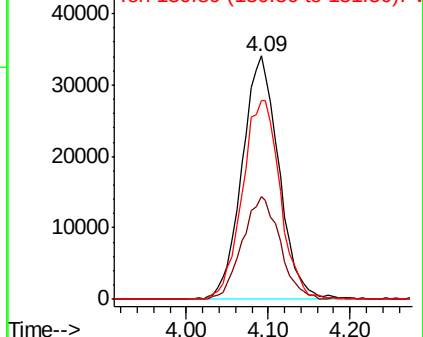
151 84.2 67.8 101.8



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: 56.568 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

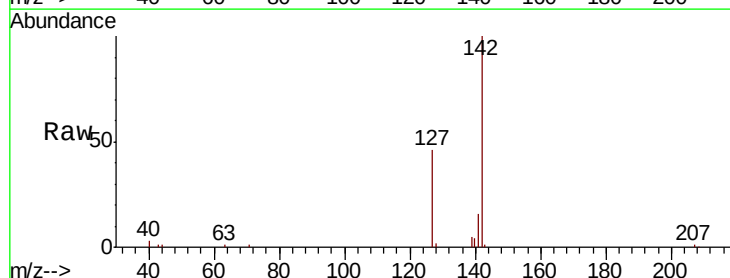
Tgt Ion:142 Resp: 111454

Ion Ratio Lower Upper

142 100

127 47.6 36.2 54.4

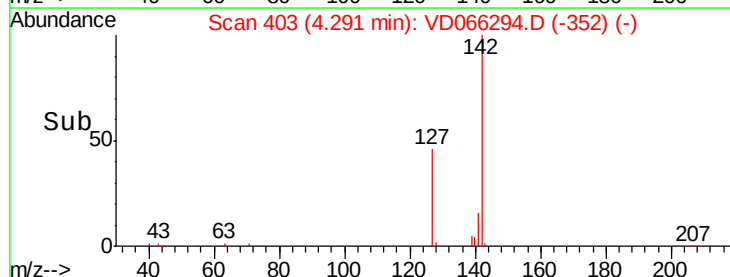
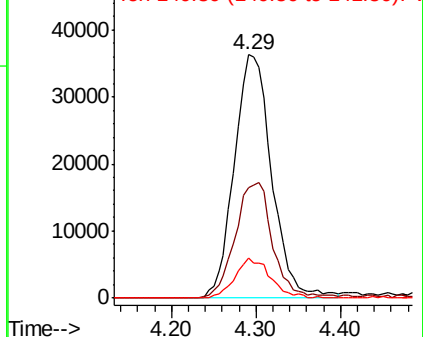
141 15.3 12.6 18.8

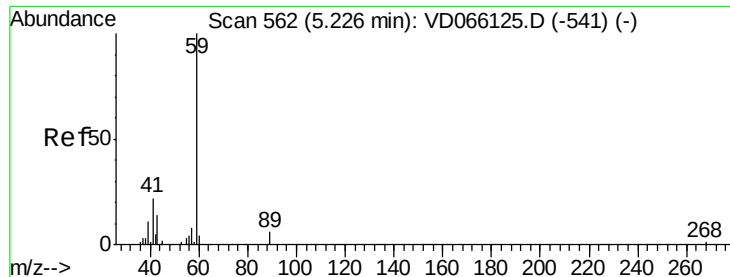


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



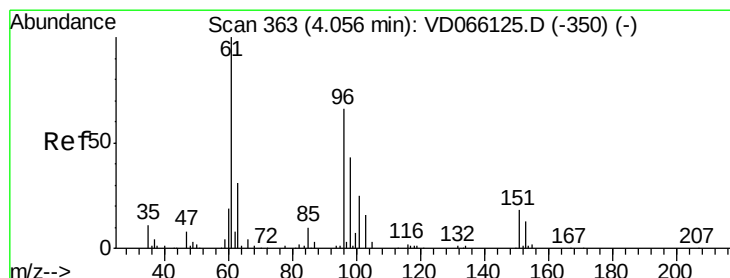
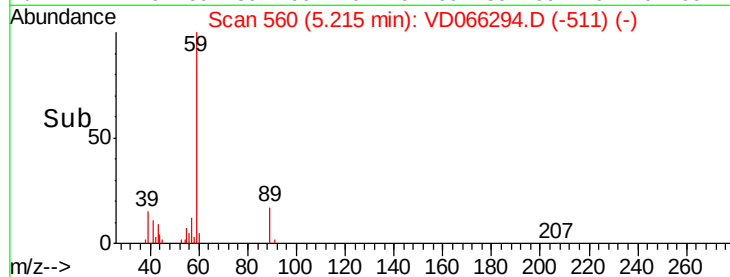
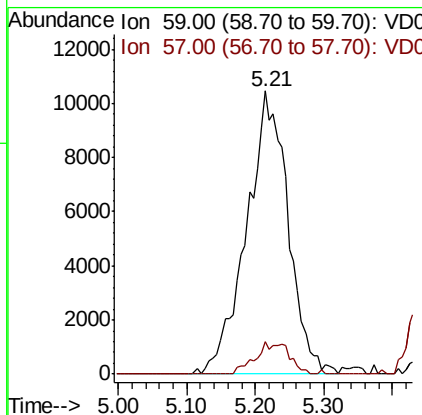
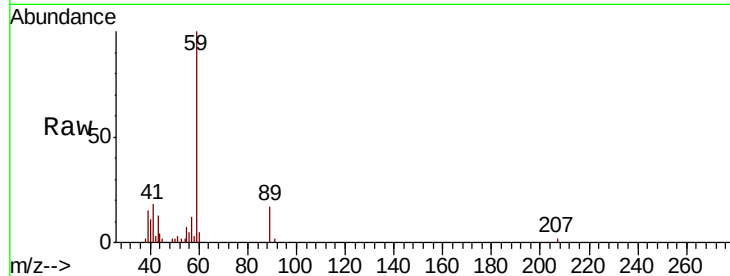


#11

Tert butyl alcohol
 Concen: 298.879 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

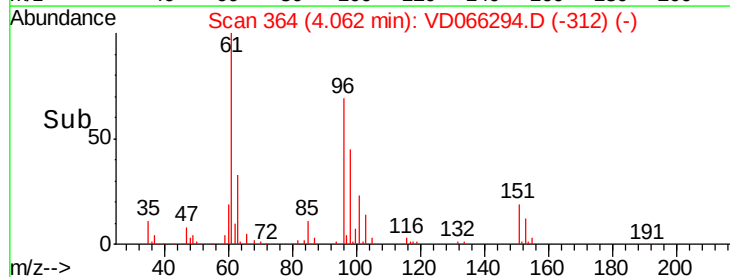
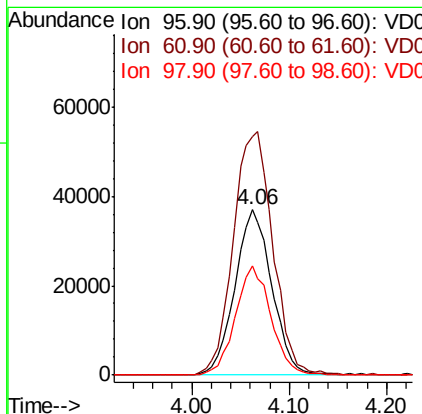
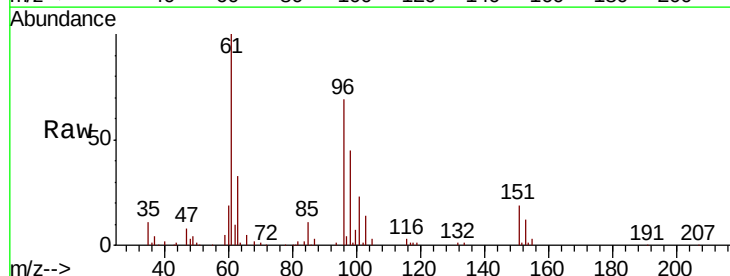
Tot Ion: 59 Resp: 43967
 Ion Ratio Lower Upper
 59 100
 57 4.3 7.0 10.4#

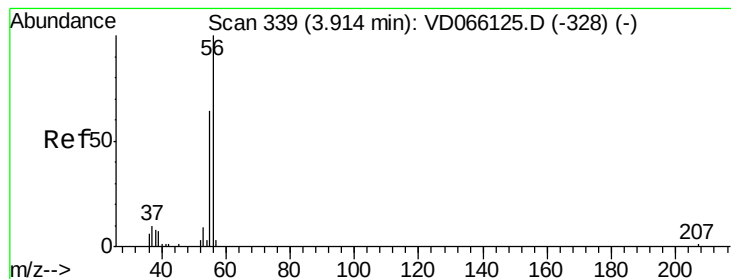


#12

1,1-Dichloroethene
 Concen: 48.776 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 96 Resp: 97817
 Ion Ratio Lower Upper
 96 100
 61 144.6 121.6 182.4
 98 65.7 52.0 78.0





#13

Acrolein

Concen: 204.163 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

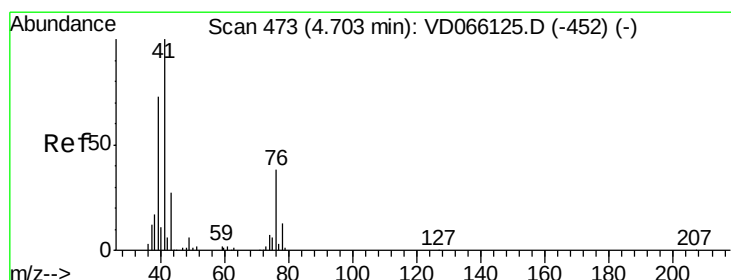
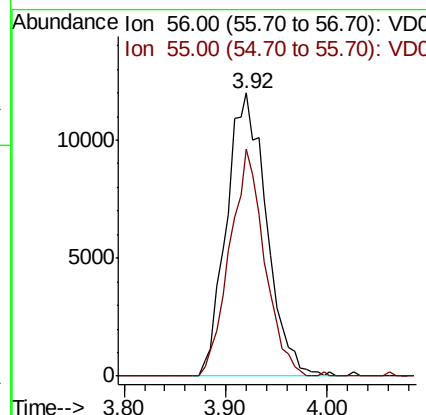
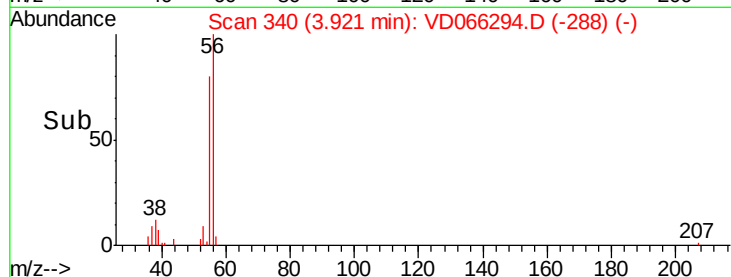
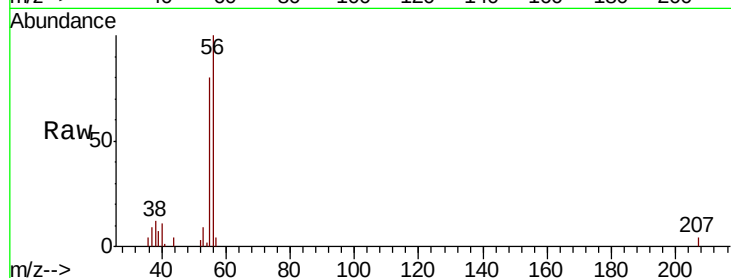
VSTDCCC050

Tot Ion: 56 Resp: 32831

Ion Ratio Lower Upper

56 100

55 69.9 56.7 85.1



#14

Allyl chloride

Concen: 48.958 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

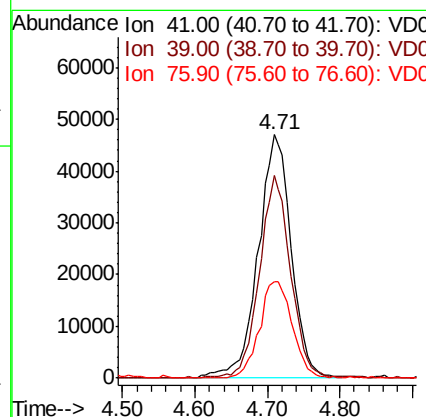
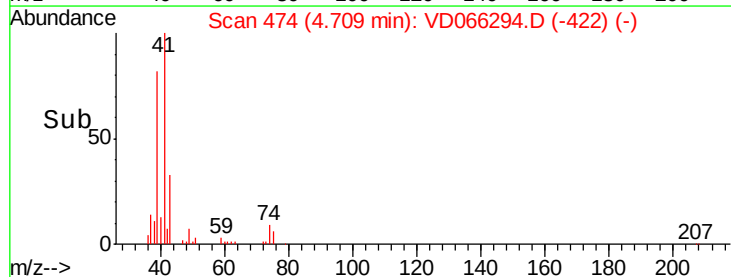
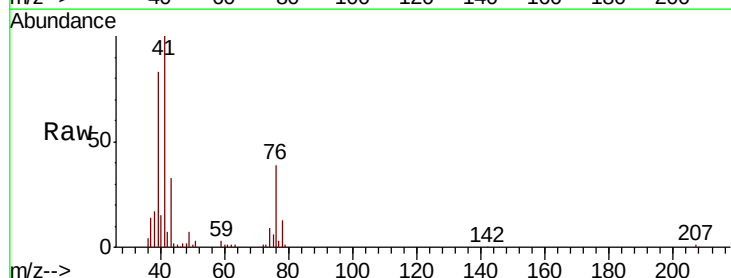
Tgt Ion: 41 Resp: 148744

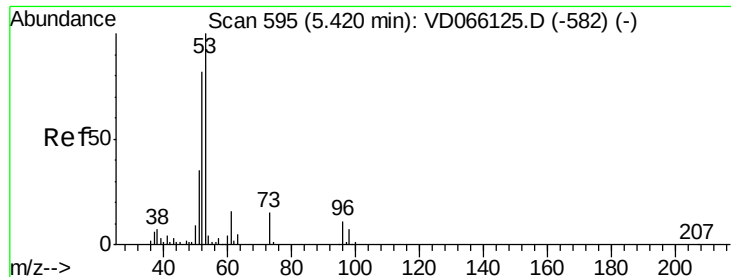
Ion Ratio Lower Upper

41 100

39 78.0 57.4 86.0

76 39.6 30.1 45.1





#15

Acrylonitrile

Concen: 285.218 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

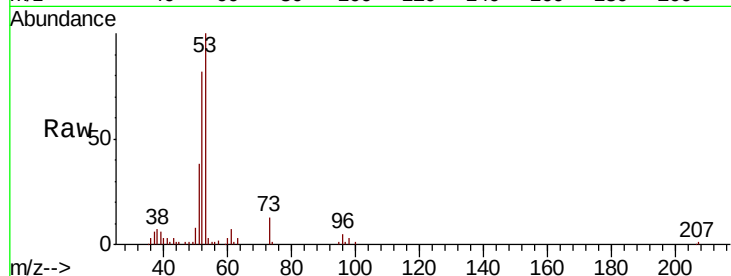
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 121479

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.1	99.1
51	38.5	30.8	46.2

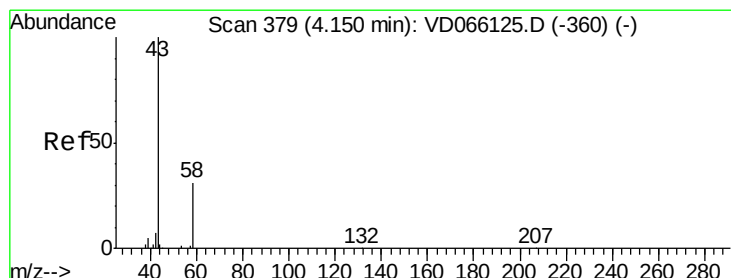
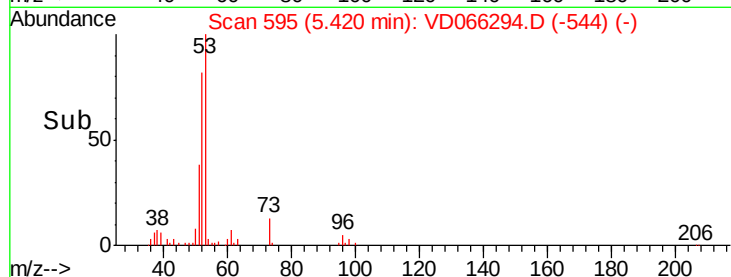
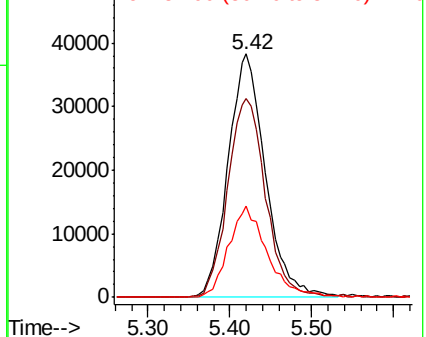


Abundance

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: 255.471 ug/l

RT: 4.16 min Scan# 380

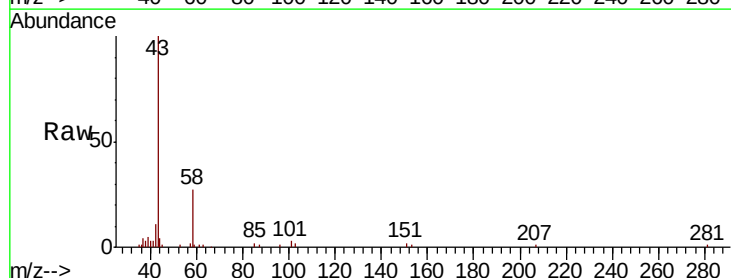
Delta R.T. 0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Tgt Ion: 43 Resp: 97929

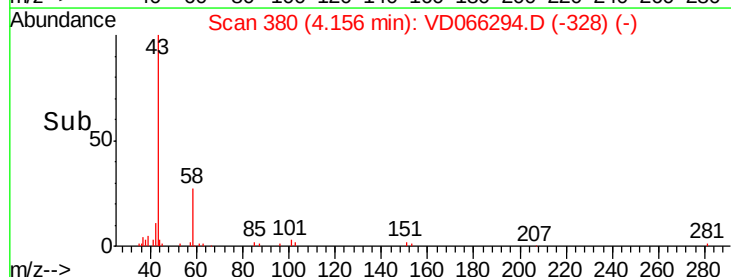
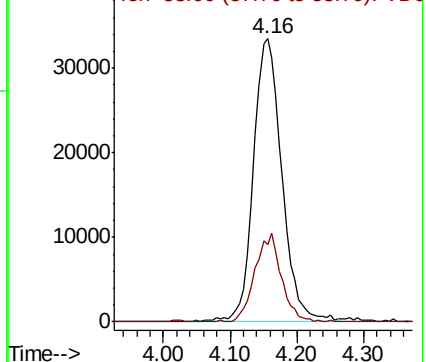
Ion	Ratio	Lower	Upper
43	100		
58	27.2	24.7	37.1

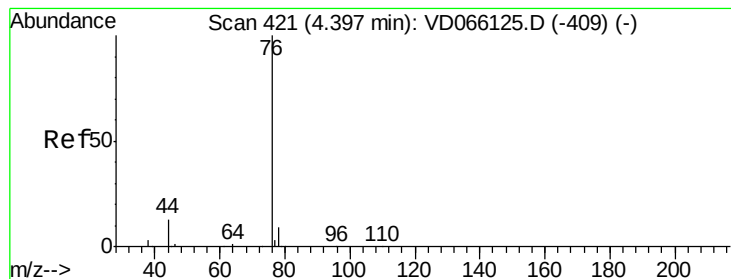


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 43.153 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

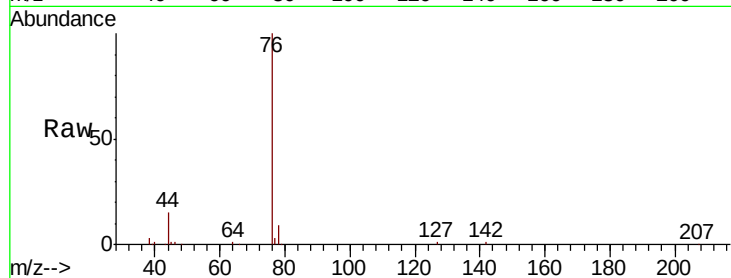
VSTDCCC050

Tot Ion: 76 Resp: 275161

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

100000

80000

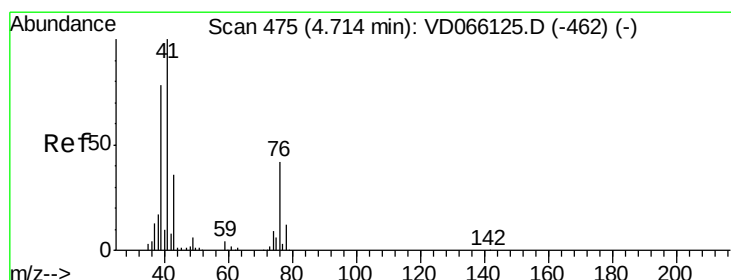
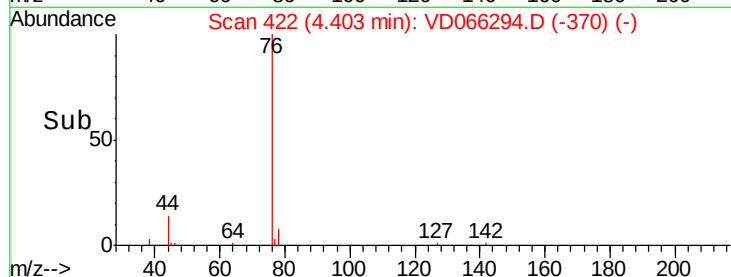
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 54.635 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066294.D

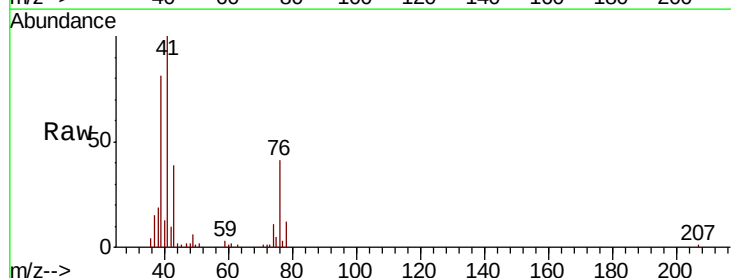
Acq: 18 Aug 2020 23:30

Tgt Ion: 43 Resp: 53196

Ion Ratio Lower Upper

43 100

74 27.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

20000

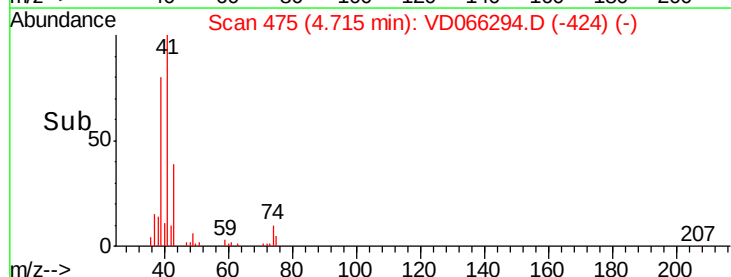
15000

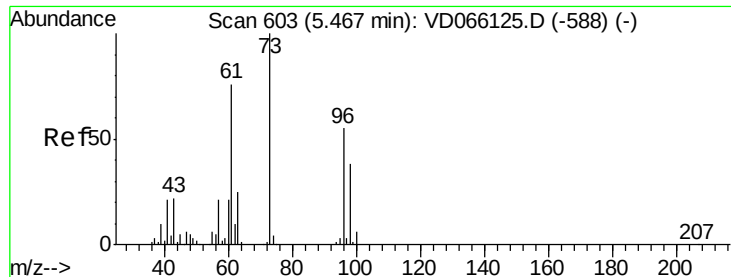
10000

5000

0

Time-->



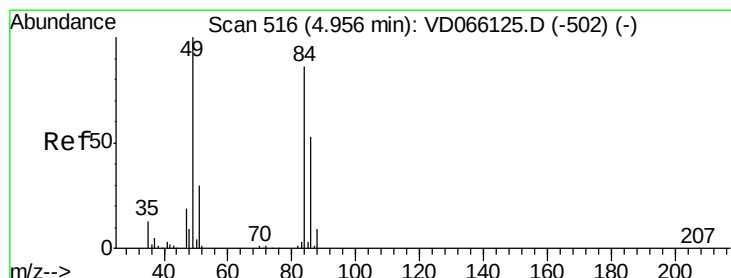
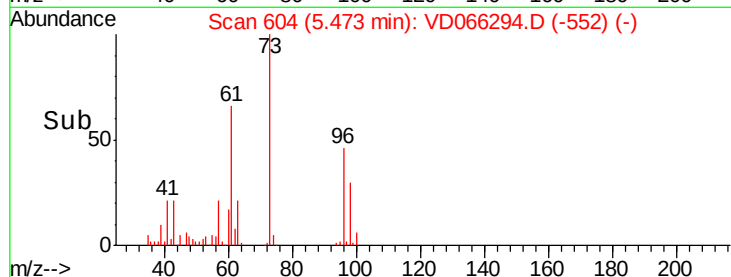
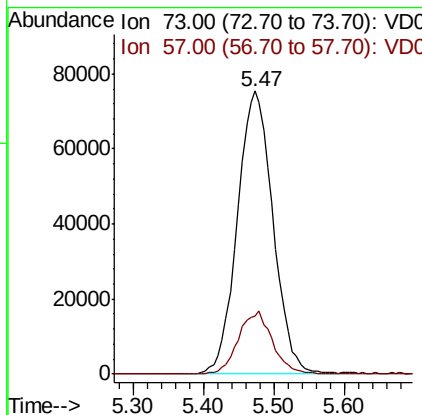
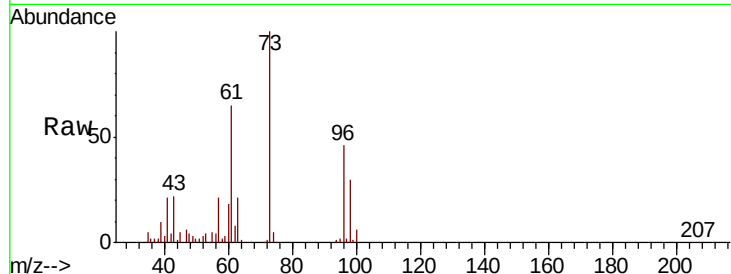


#19

Methyl tert-butyl Ether
 Concen: 57.687 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

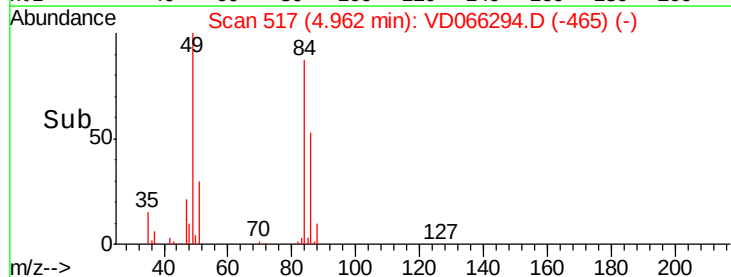
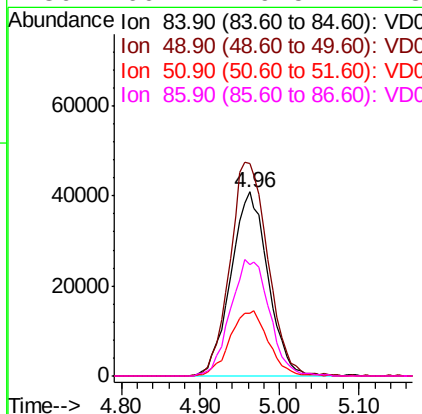
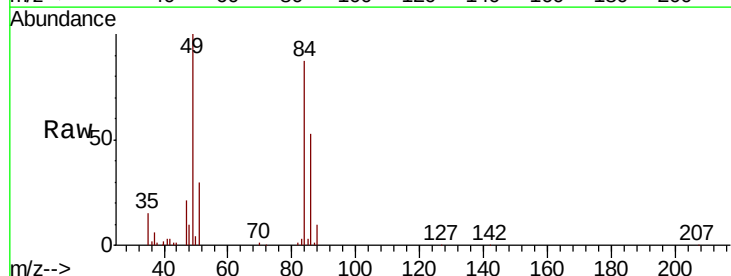
Tot Ion: 73 Resp: 265165
 Ion Ratio Lower Upper
 73 100
 57 20.6 17.1 25.7

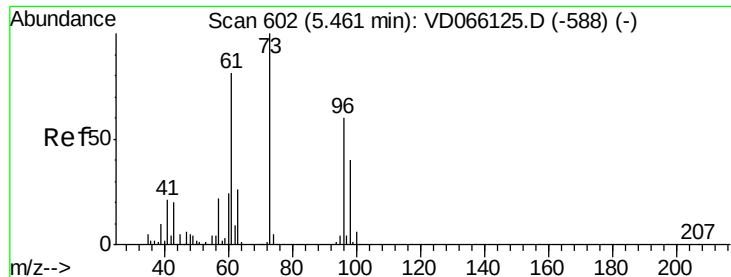


#20

Methylene Chloride
 Concen: 61.235 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 84 Resp: 132496
 Ion Ratio Lower Upper
 84 100
 49 115.5 93.5 140.3
 51 34.1 28.2 42.4
 86 60.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.585 ug/l

RT: 5.46 min Scan# 602

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

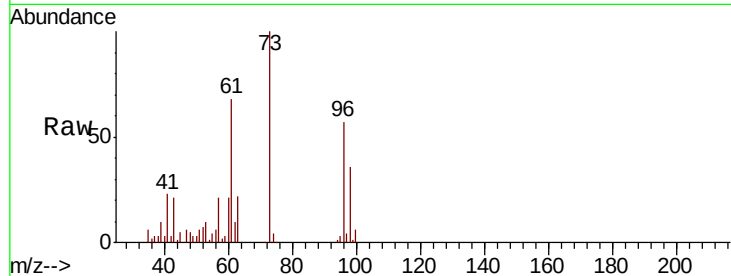
Tot Ion: 96 Resp: 116537

Ion Ratio Lower Upper

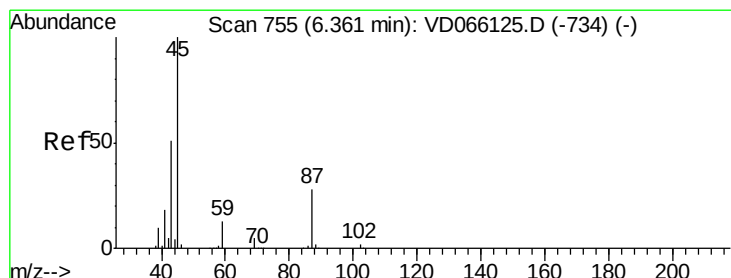
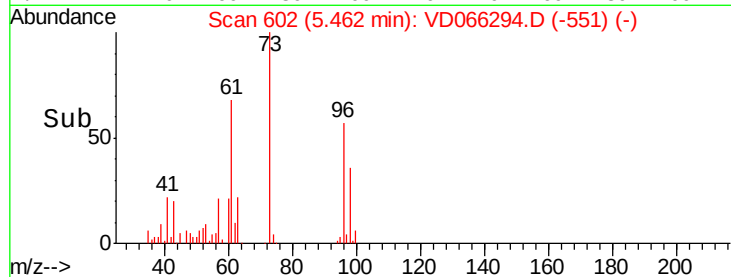
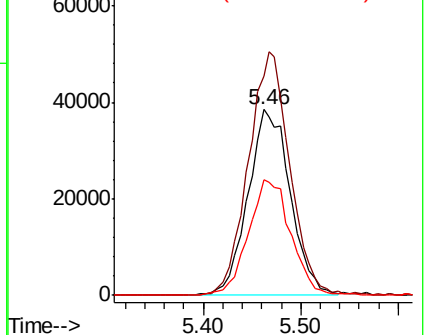
96 100

61 118.1 106.9 160.3

98 62.5 53.4 80.0



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



#22

Diisopropyl ether

Concen: 52.599 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Tgt Ion: 45 Resp: 316020

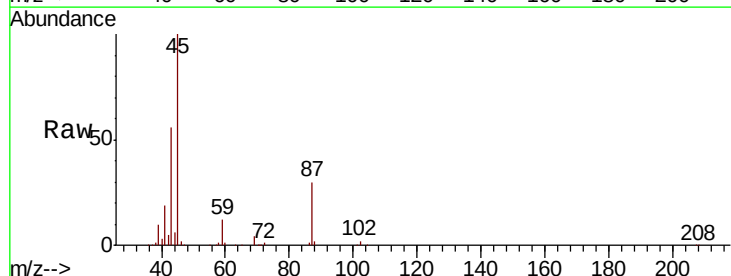
Ion Ratio Lower Upper

45 100

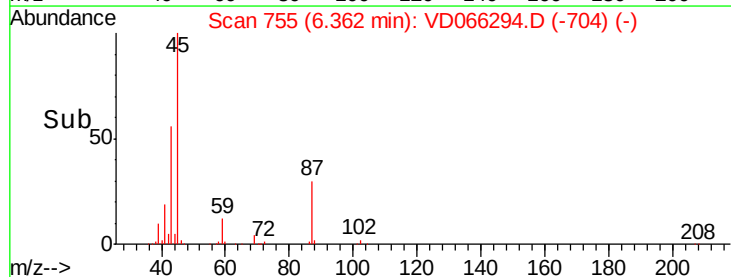
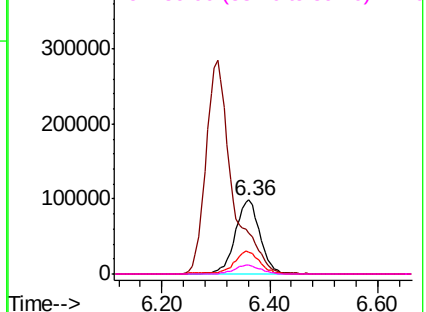
43 55.2 41.2 61.8

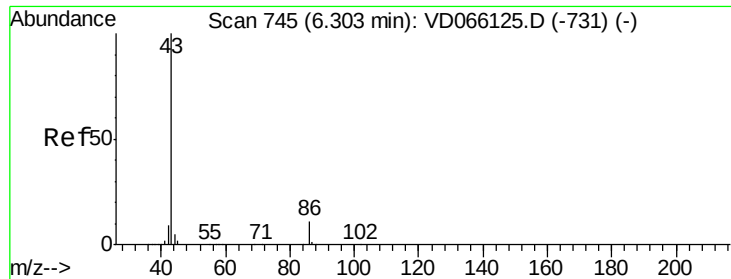
87 30.1 22.8 34.2

59 11.9 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 271.081 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

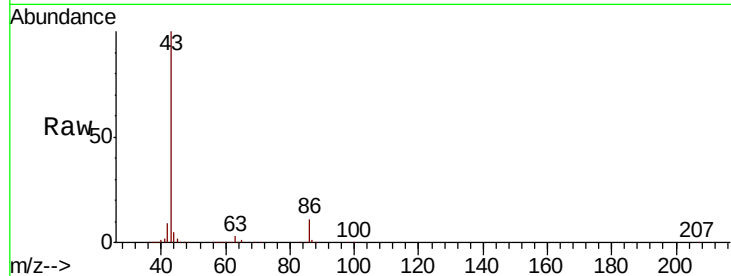
VSTDCCC050

Tot Ion: 43 Resp: 954142

Ion Ratio Lower Upper

43 100

86 11.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

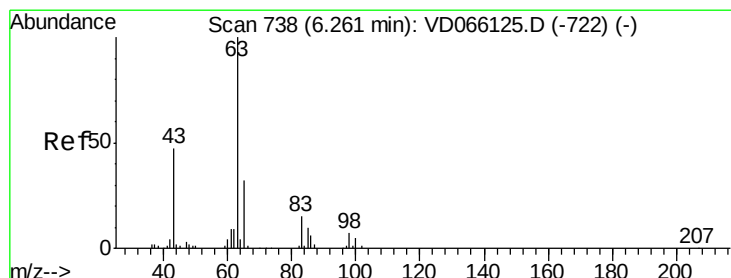
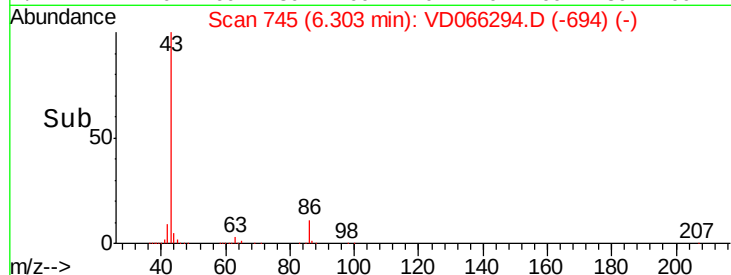
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.833 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

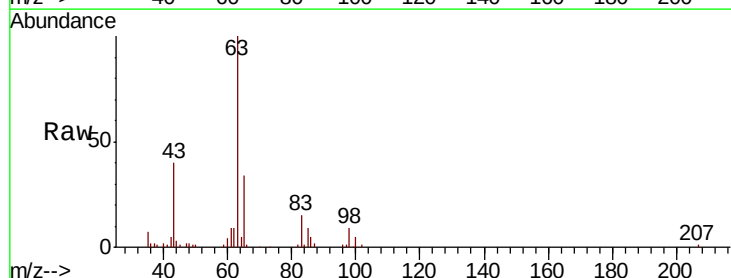
Tgt Ion: 63 Resp: 196442

Ion Ratio Lower Upper

63 100

98 8.7 3.5 10.5

100 4.9 2.4 7.2



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

6.26

80000

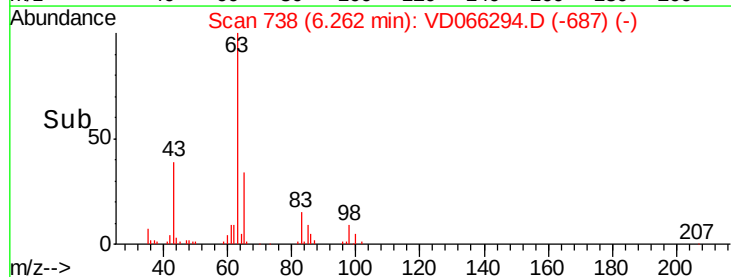
60000

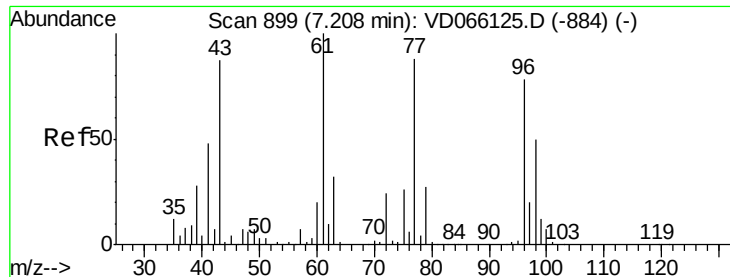
40000

20000

0

Time-->

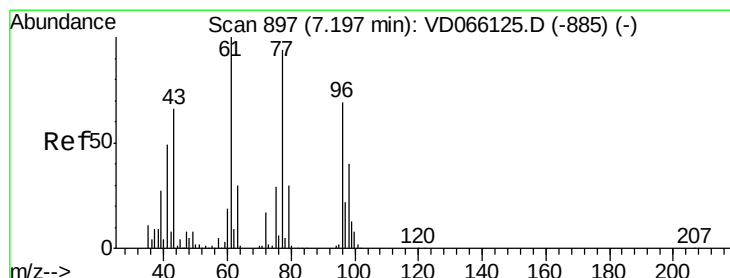
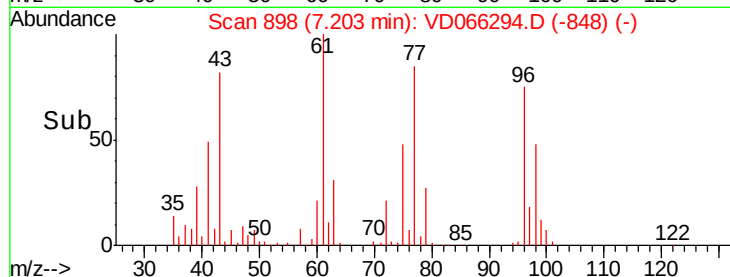
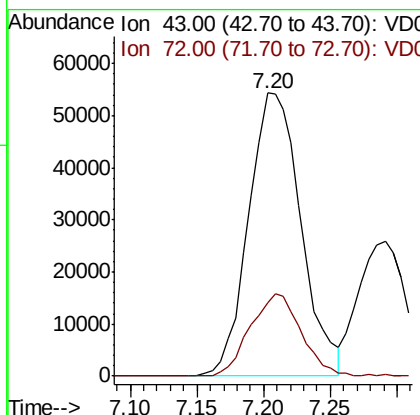
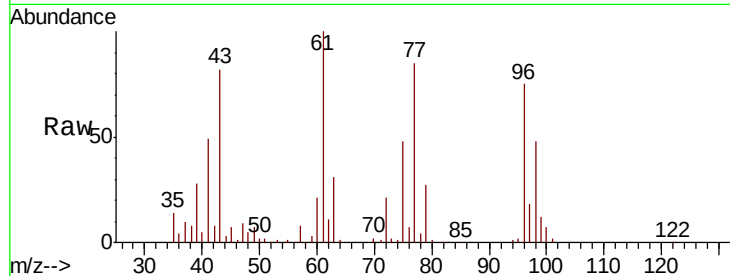




#25
2-Butanone
Concen: 262.359 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

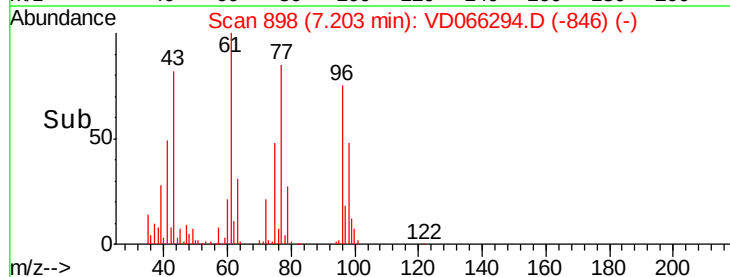
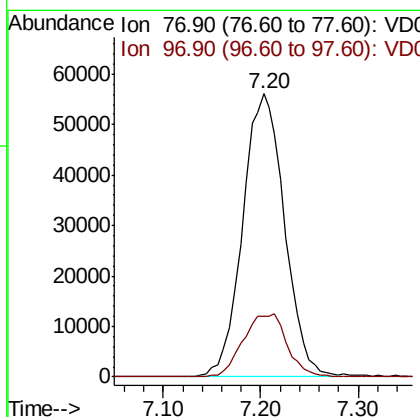
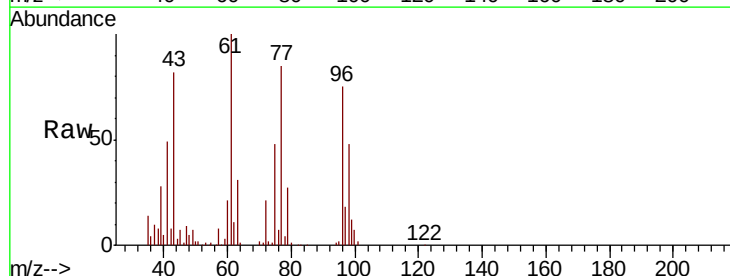
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

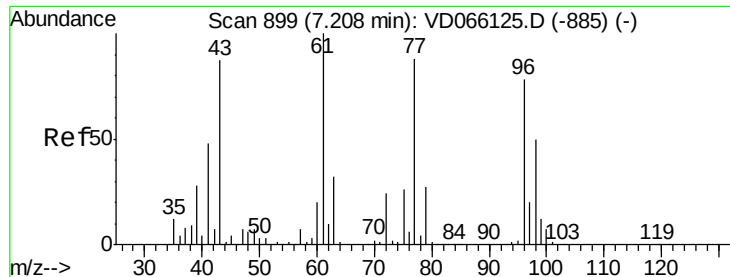
Tot Ion: 43 Resp: 147919
Ion Ratio Lower Upper
43 100
72 26.1 22.2 33.2



#26
2,2-Dichloropropane
Concen: 50.386 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 77 Resp: 167911
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3



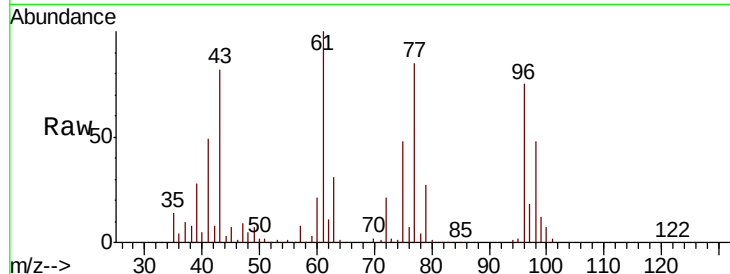


#27

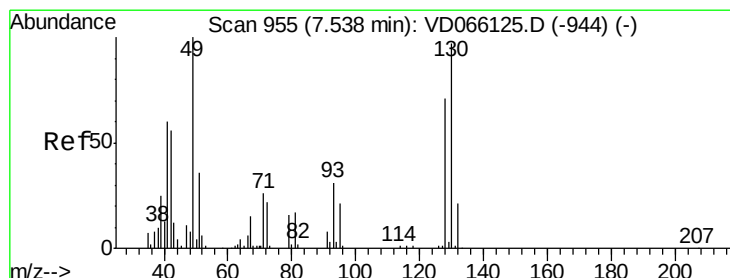
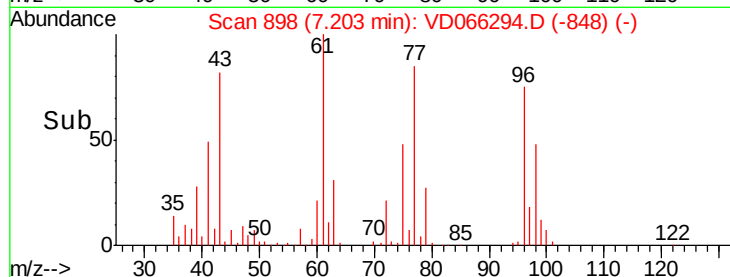
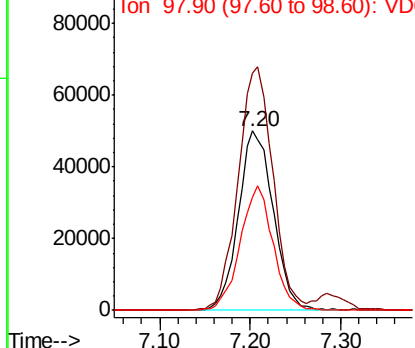
cis-1,2-Dichloroethene
Concen: 55.479 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 134060
Ion Ratio Lower Upper
96 100
61 135.1 0.0 281.6
98 64.9 0.0 130.8



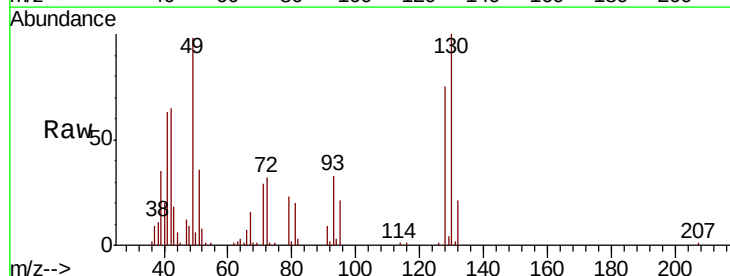
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



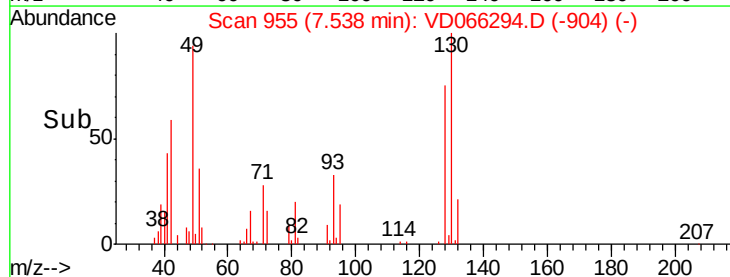
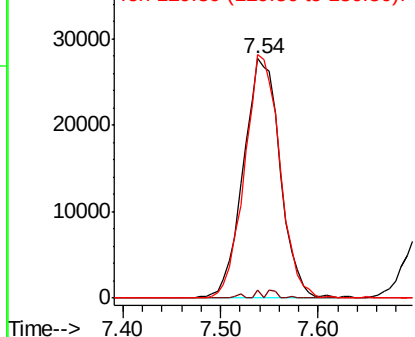
#28

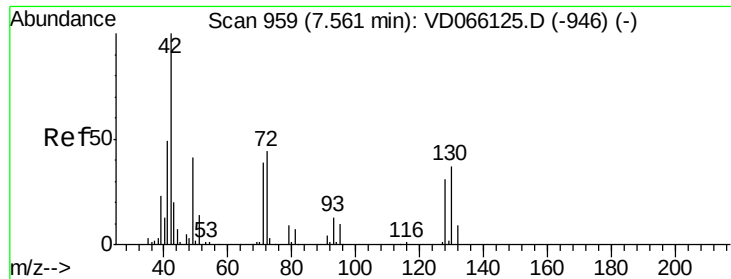
Bromochloromethane
Concen: 55.549 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 49 Resp: 72543
Ion Ratio Lower Upper
49 100
129 0.5 0.0 6.0
130 97.6 73.8 110.6



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

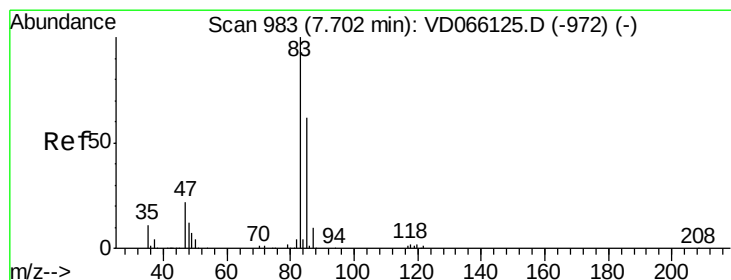
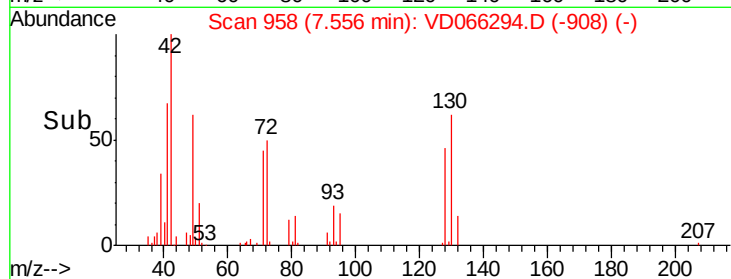
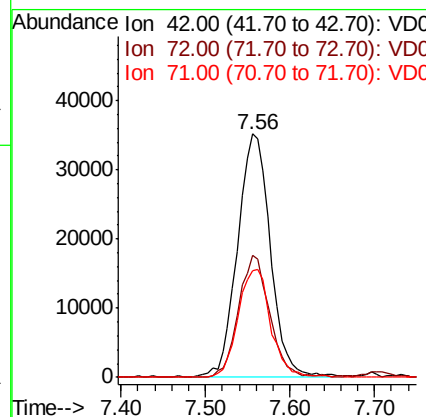
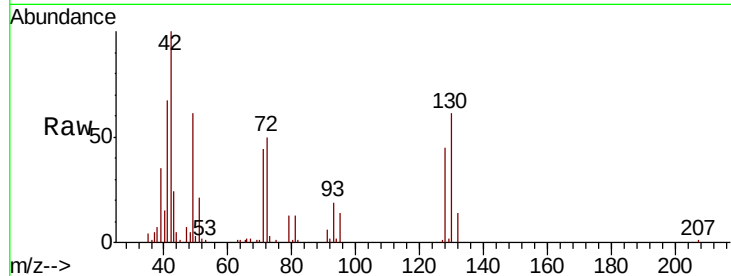




#29
Tetrahydrofuran
Concen: 270.382 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

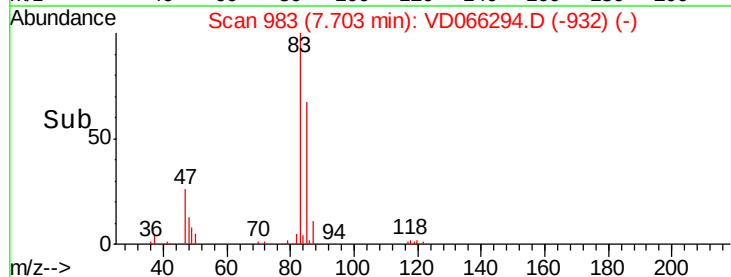
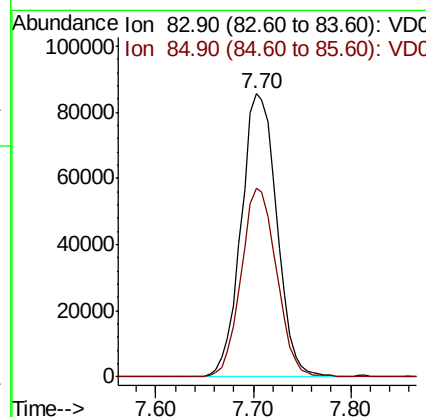
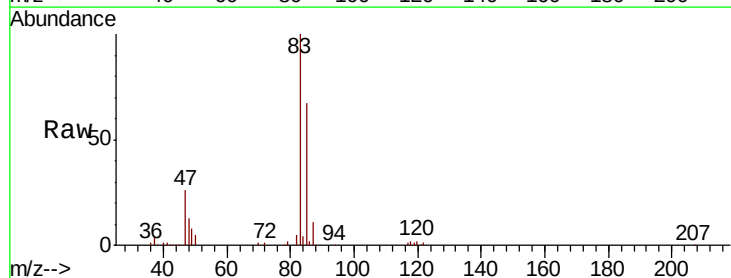
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

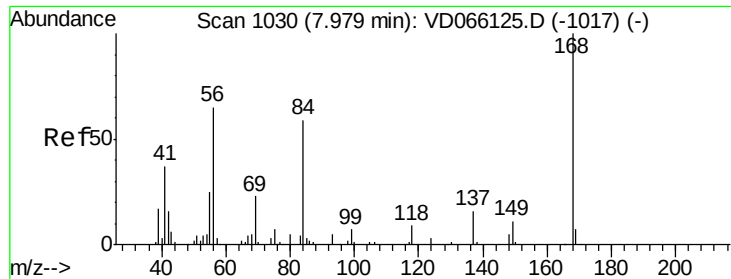
Tot Ion: 42 Resp: 94448
Ion Ratio Lower Upper
42 100
72 47.4 34.8 52.2
71 43.7 33.5 50.3



#30
Chloroform
Concen: 55.611 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 83 Resp: 217116
Ion Ratio Lower Upper
83 100
85 66.8 49.5 74.3

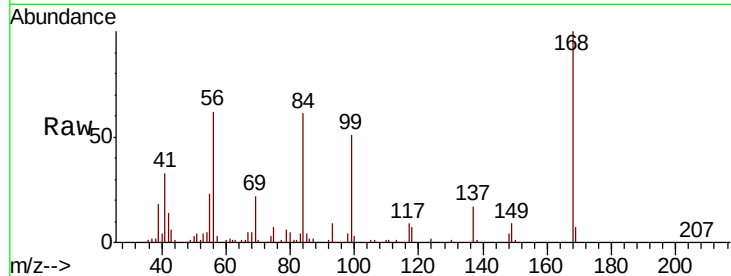




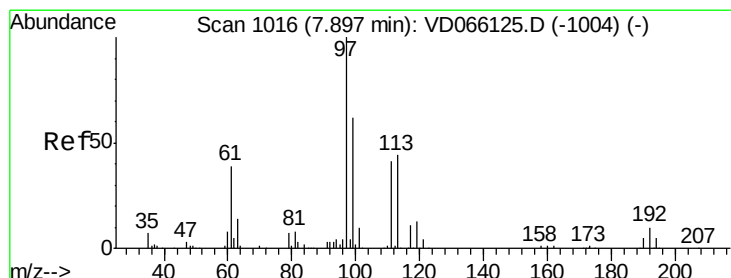
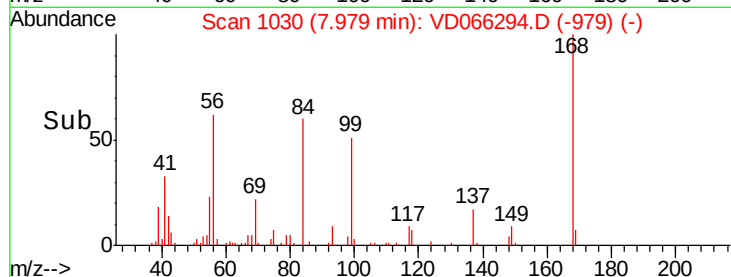
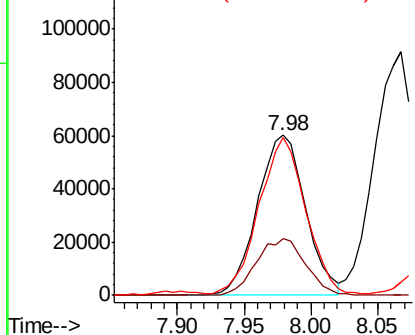
#31
Cyclohexane
Concen: 42.721 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 151204
Ion Ratio Lower Upper
56 100
69 35.5 28.8 43.2
84 96.5 73.0 109.6

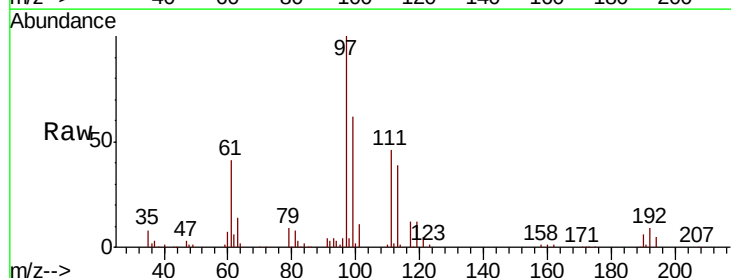


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

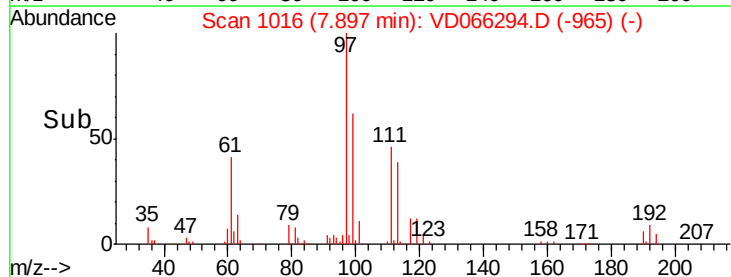
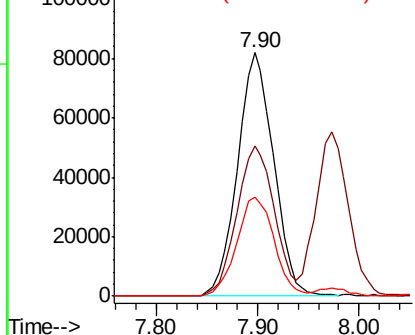


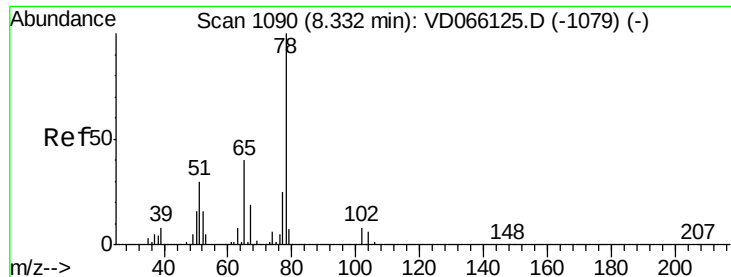
#32
1,1,1-Trichloroethane
Concen: 55.486 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 97 Resp: 203114
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 42.1 32.7 49.1



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

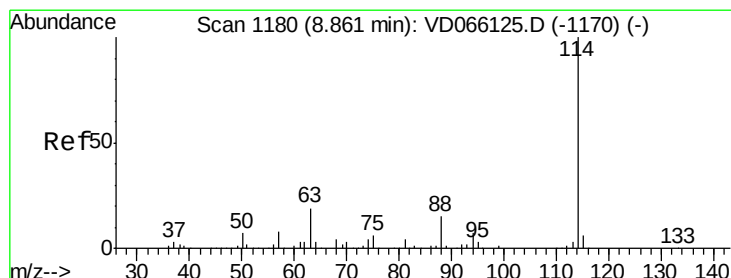
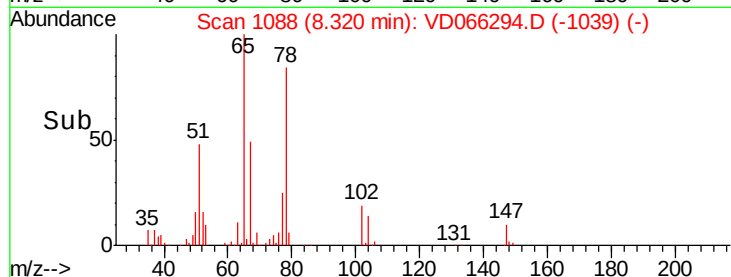
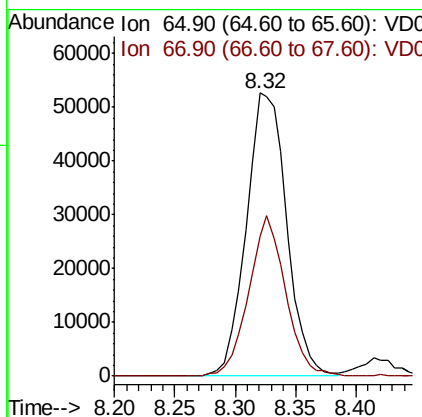
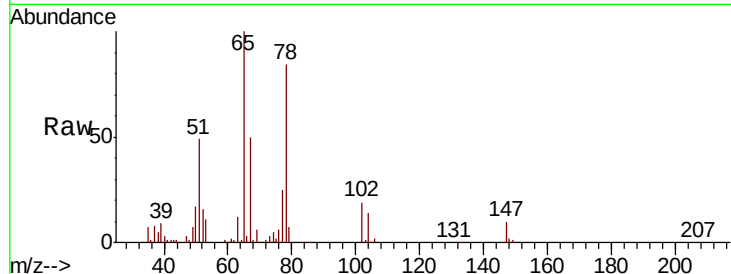




#33
 1,2-Dichloroethane-d4
 Concen: 60.790 ug/l
 RT: 8.32 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

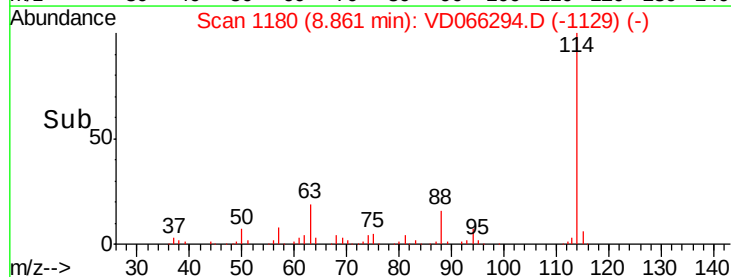
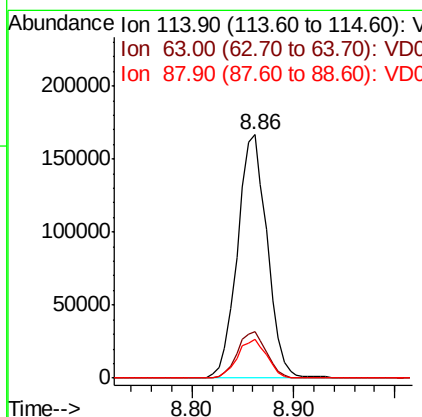
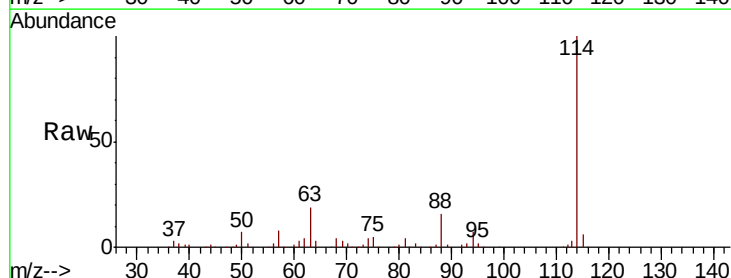
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

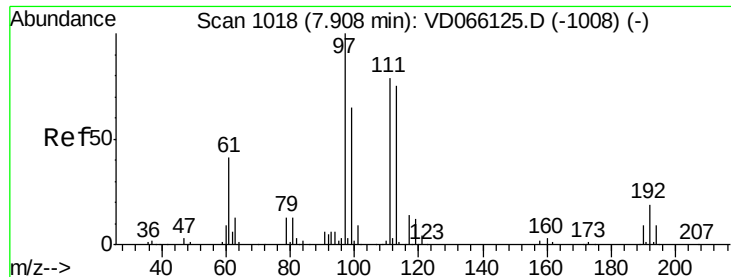
Tot Ion: 65 Resp: 122811
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 114 Resp: 339024
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.8 0.0 30.0

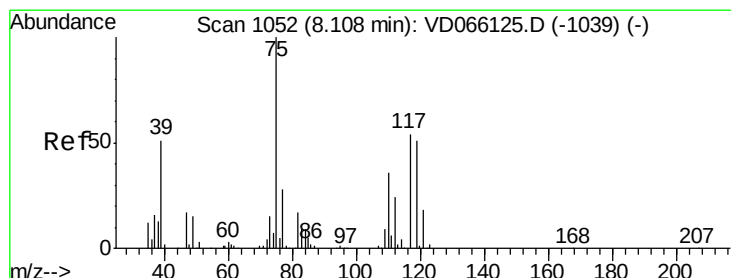
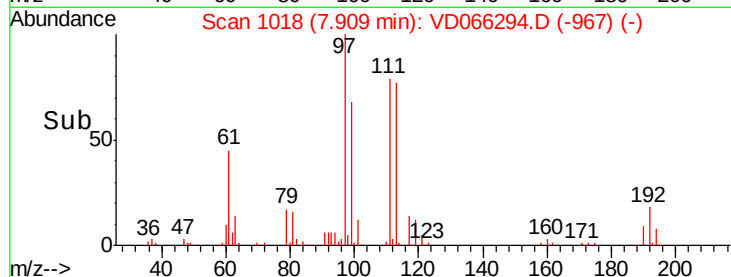
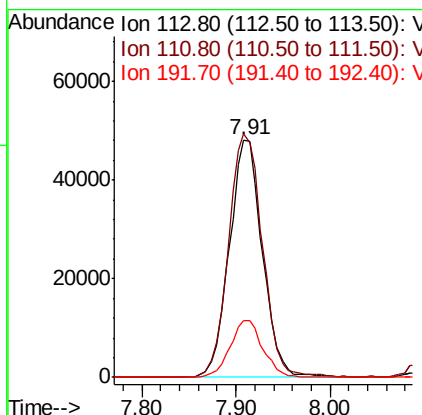
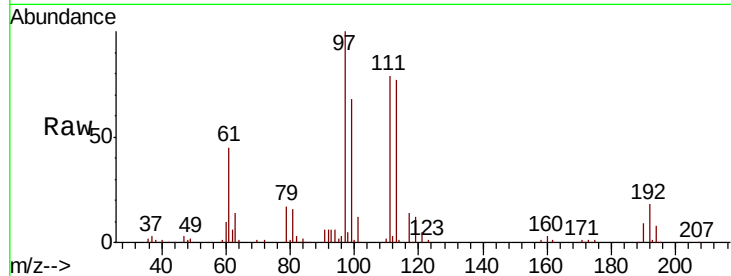




#35
 Dibromofluoromethane
 Concen: 54.677 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

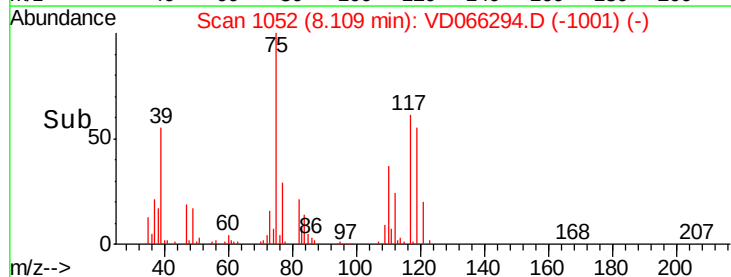
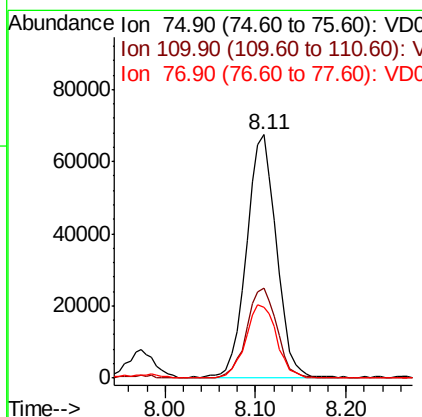
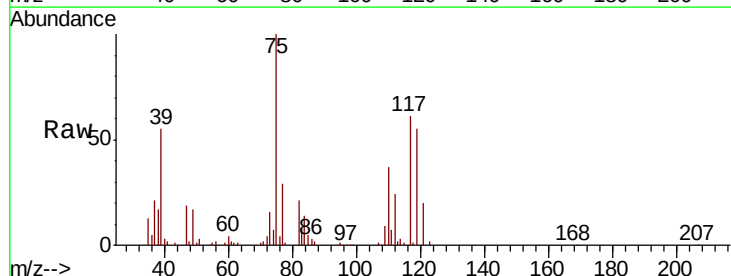
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

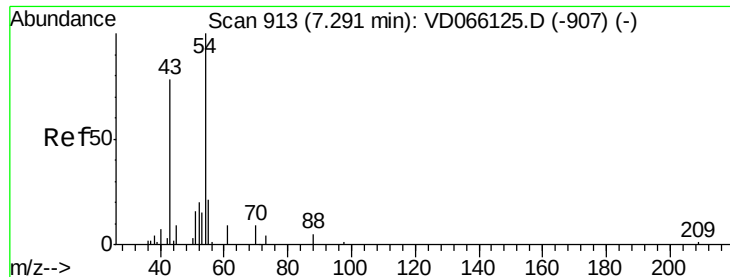
Tot Ion:113 Resp: 117428
 Ion Ratio Lower Upper
 113 100
 111 105.3 80.7 121.1
 192 23.8 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 48.066 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 75 Resp: 153127
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.8 56.3
 77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 53.229 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

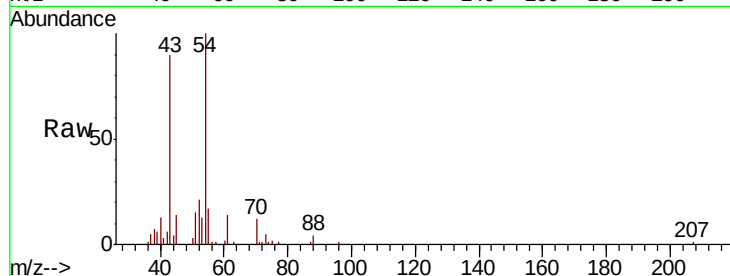
Tot Ion: 43 Resp: 67189

Ion Ratio Lower Upper

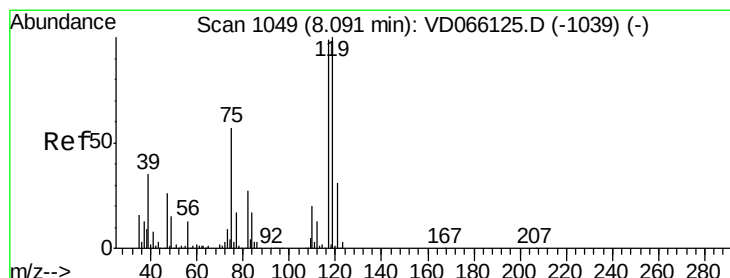
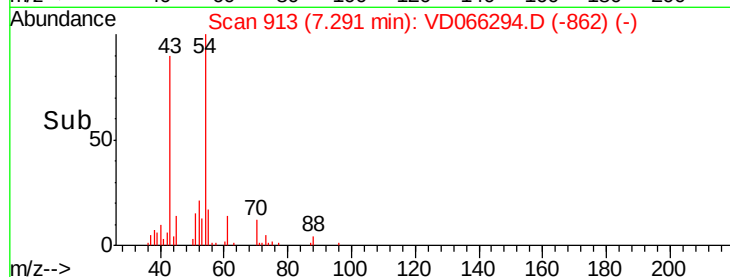
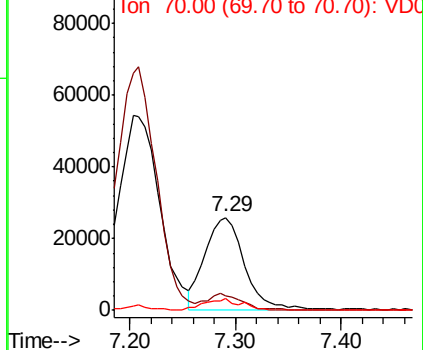
43 100

61 16.3 12.0 18.0

70 11.6 9.7 14.5



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



#38

Carbon Tetrachloride

Concen: 52.629 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

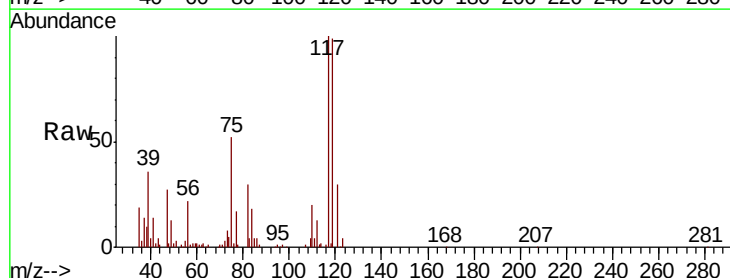
Tgt Ion: 117 Resp: 186972

Ion Ratio Lower Upper

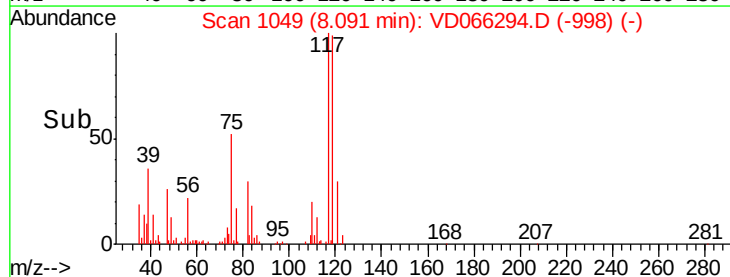
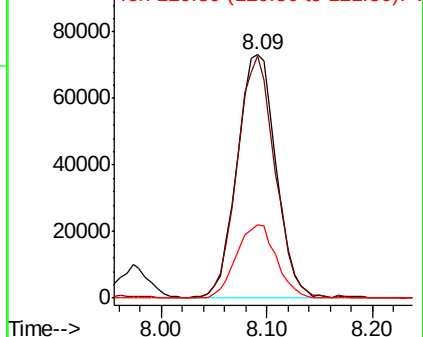
117 100

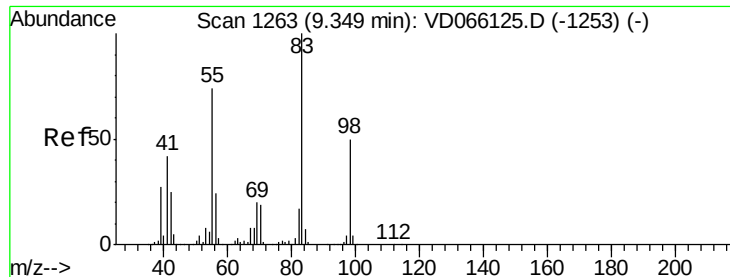
119 99.6 81.0 121.4

121 30.2 24.8 37.2



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

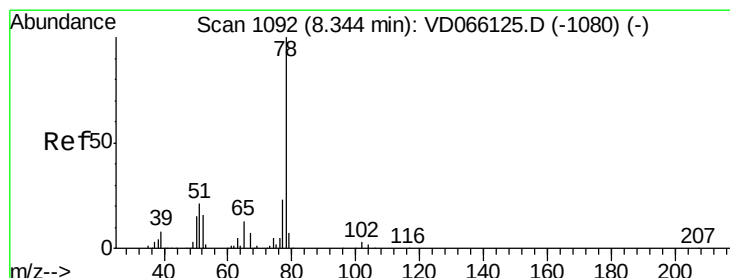
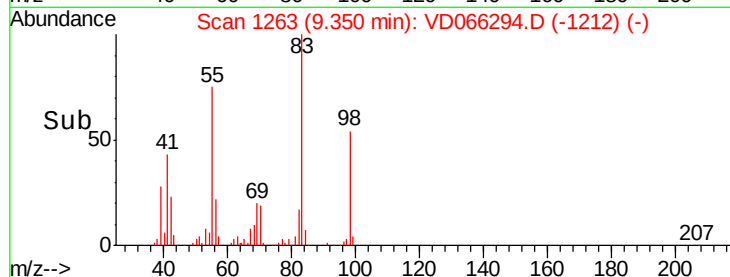
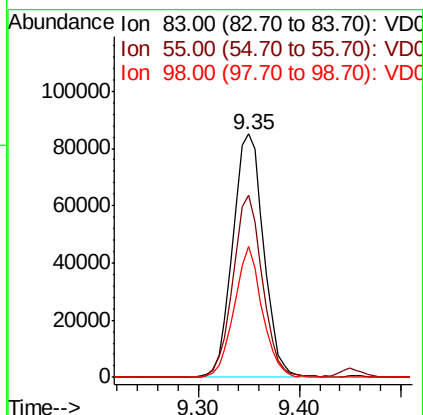
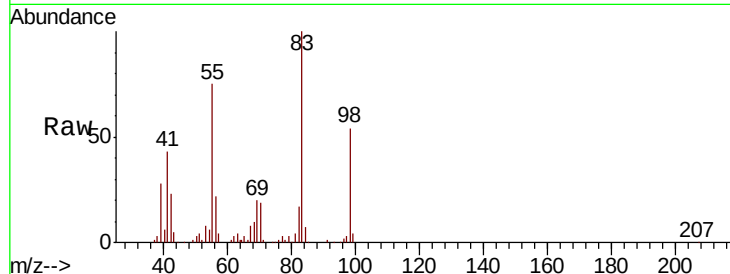




#39
Methylvlcyclohexane
Concen: 46.756 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

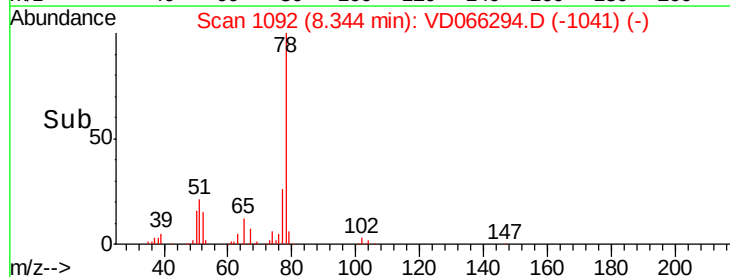
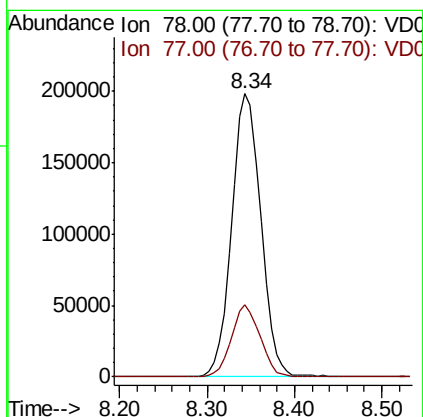
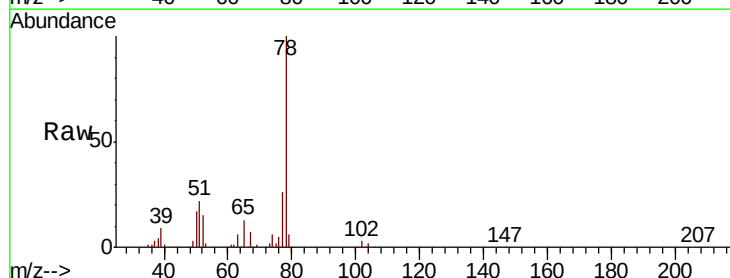
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

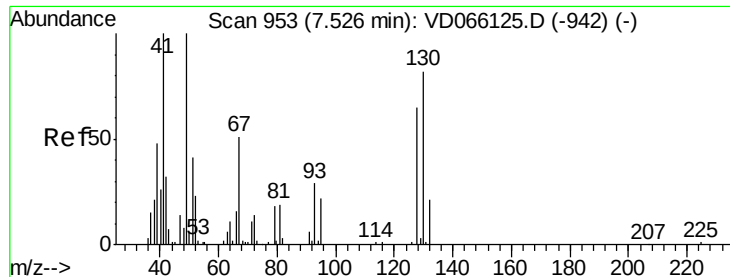
Tot Ion: 83 Resp: 180064
Ion Ratio Lower Upper
83 100
55 74.9 59.2 88.8
98 54.0 39.8 59.6



#40
Benzene
Concen: 50.679 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 78 Resp: 447887
Ion Ratio Lower Upper
78 100
77 25.5 18.6 27.8





#41

Methacrylonitrile

Concen: 130.994 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 97220

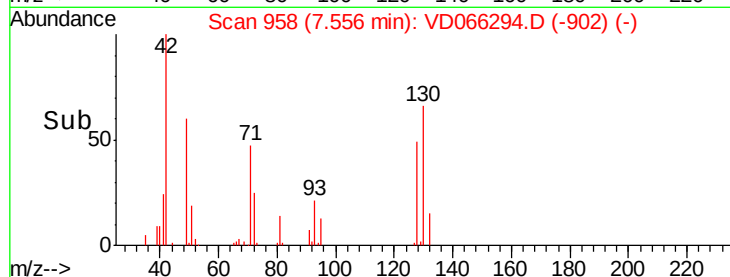
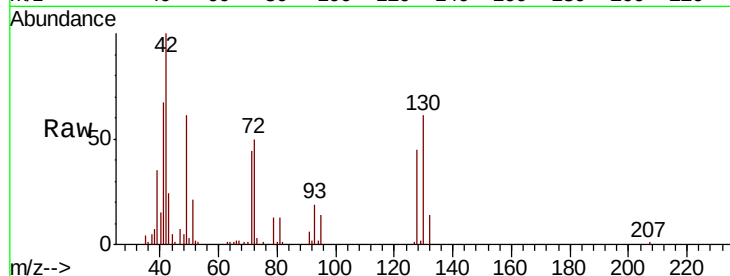
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

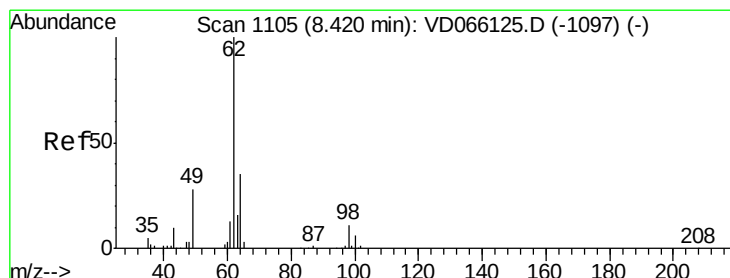
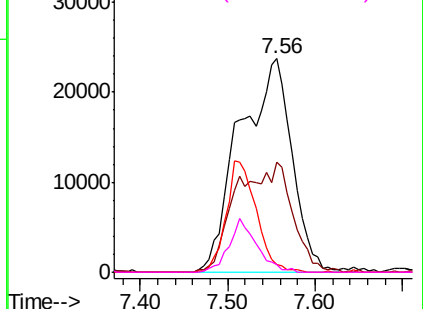


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 58.595 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066294.D

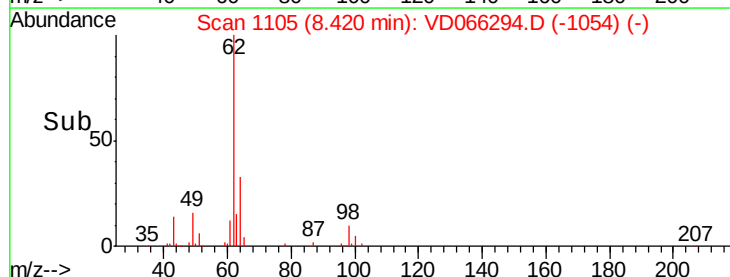
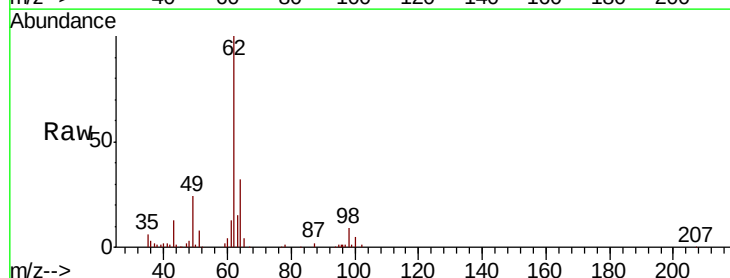
Acq: 18 Aug 2020 23:30

Tgt Ion: 62 Resp: 152129

Ion Ratio Lower Upper

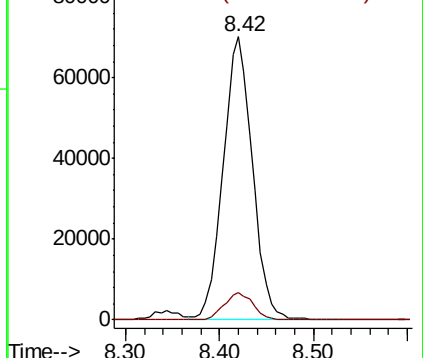
62 100

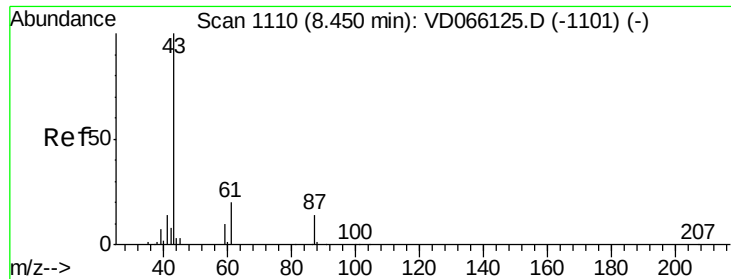
98 9.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.352 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

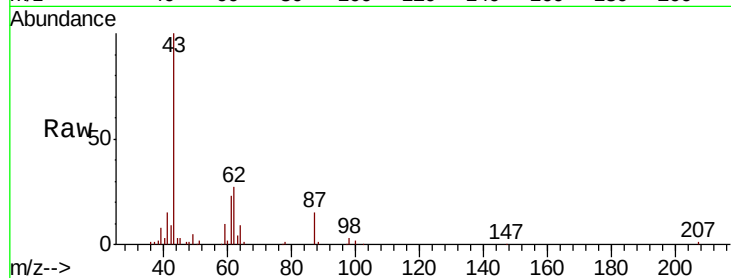
Tot Ion: 43 Resp: 135175

Ion Ratio Lower Upper

43 100

61 31.8 25.5 38.3

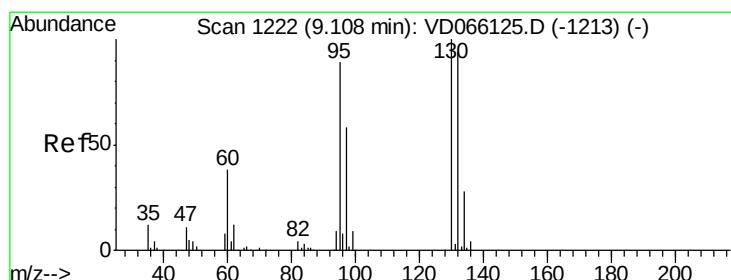
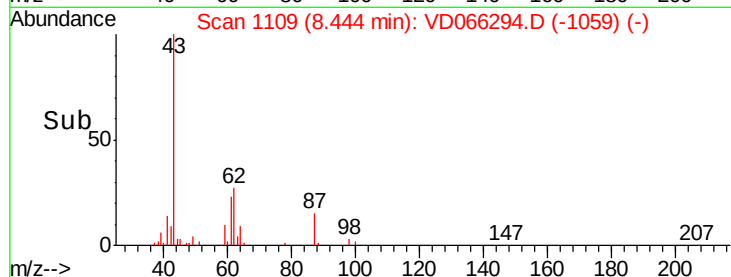
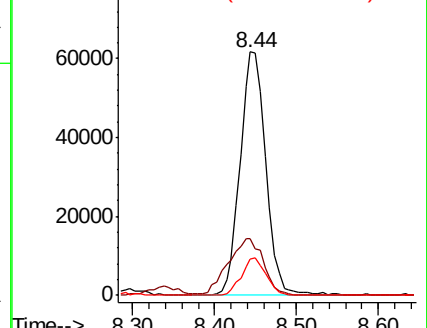
87 14.5 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.751 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066294.D

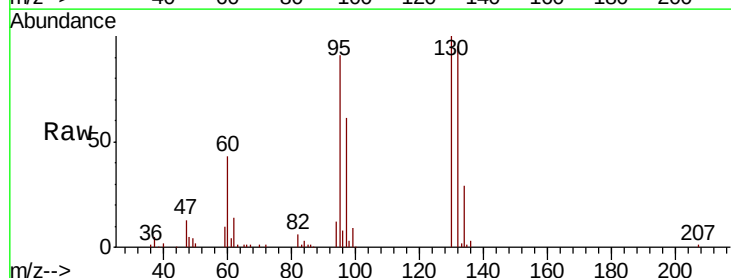
Acq: 18 Aug 2020 23:30

Tgt Ion:130 Resp: 135154

Ion Ratio Lower Upper

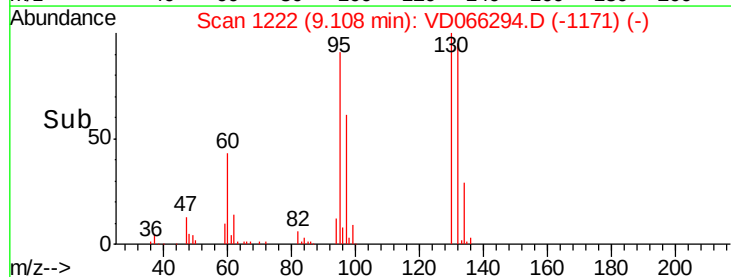
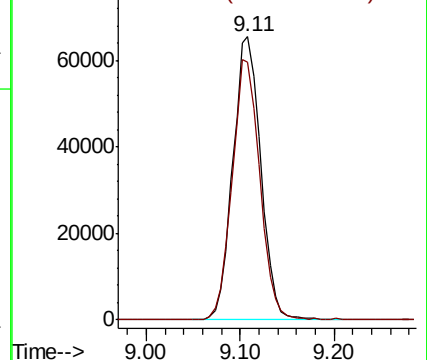
130 100

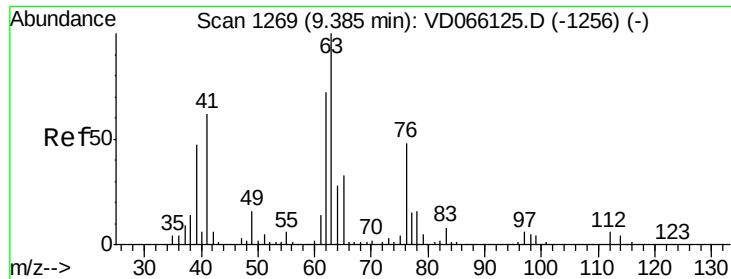
95 91.1 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

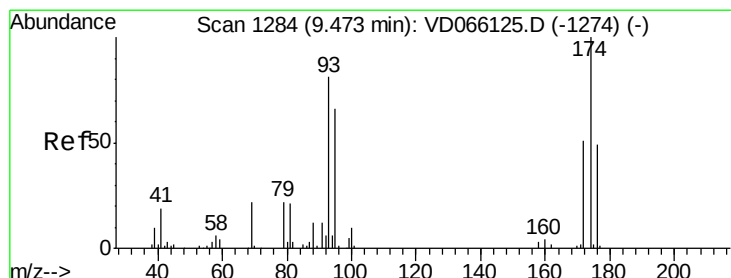
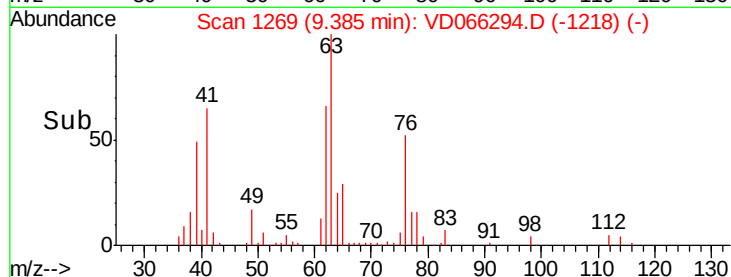
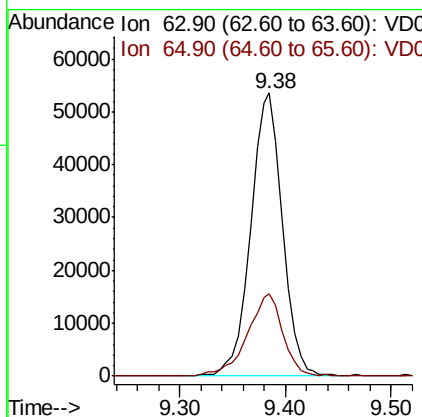
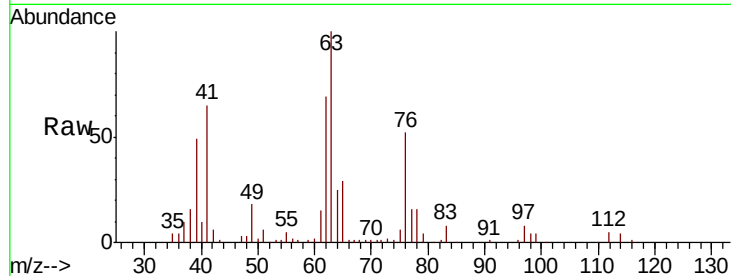




#45
 1,2-Dichloropropane
 Concen: 51.706 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

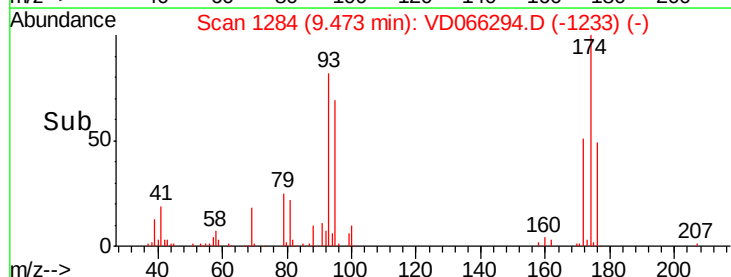
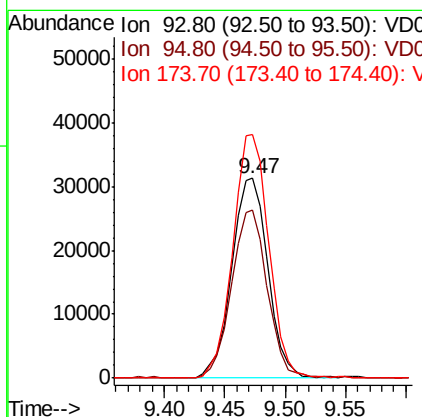
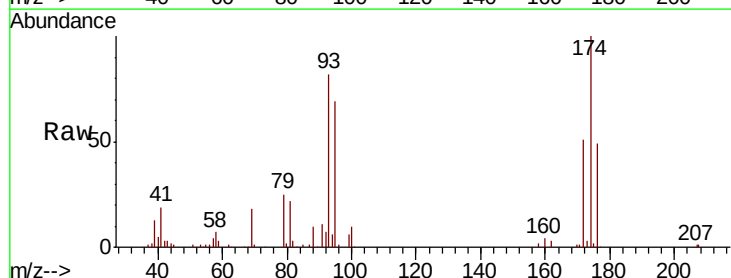
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

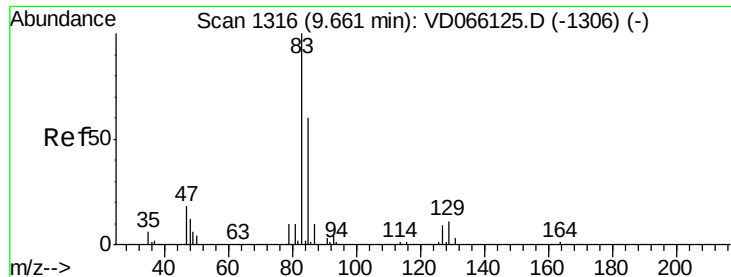
Tot Ion: 63 Resp: 111761
 Ion Ratio Lower Upper
 63 100
 65 29.1 26.5 39.7



#46
 Dibromomethane
 Concen: 55.012 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 93 Resp: 65497
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.6
 174 120.6 92.8 139.2

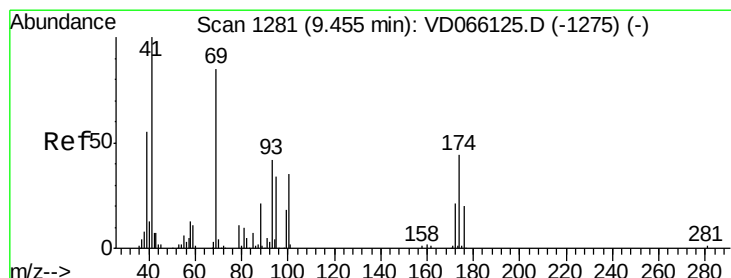
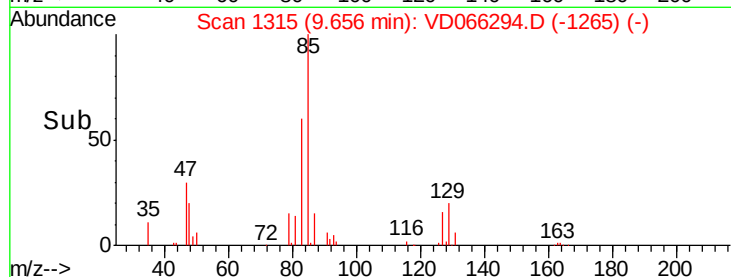
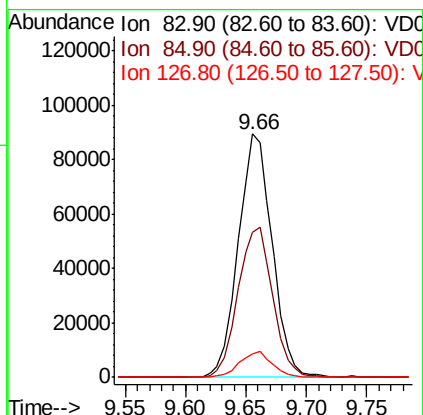
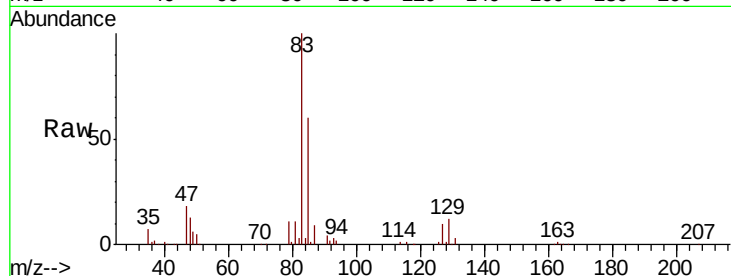




#47
Bromodichloromethane
Concen: 55.707 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

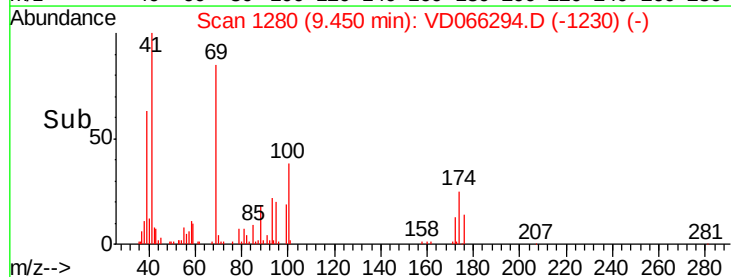
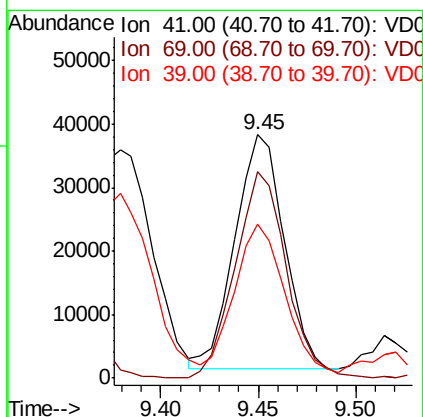
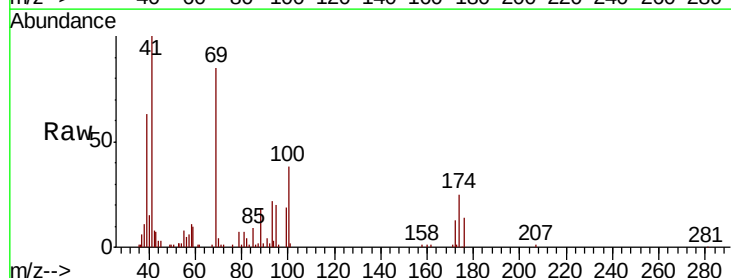
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

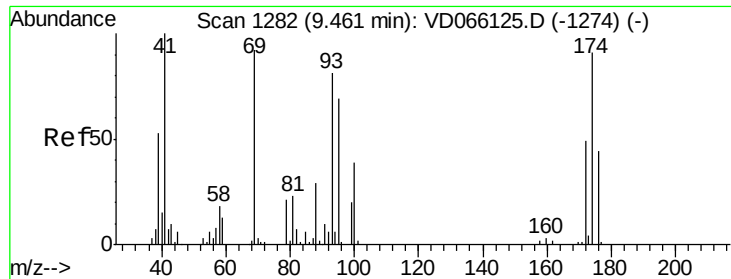
Tot Ion: 83 Resp: 175292
Ion Ratio Lower Upper
83 100
85 59.7 48.2 72.4
127 9.6 7.3 10.9



#48
Methyl methacrylate
Concen: 50.529 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 41 Resp: 64168
Ion Ratio Lower Upper
41 100
69 92.2 63.9 95.9
39 69.7 42.6 64.0#

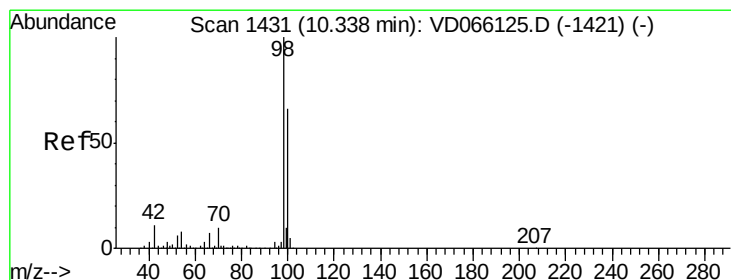
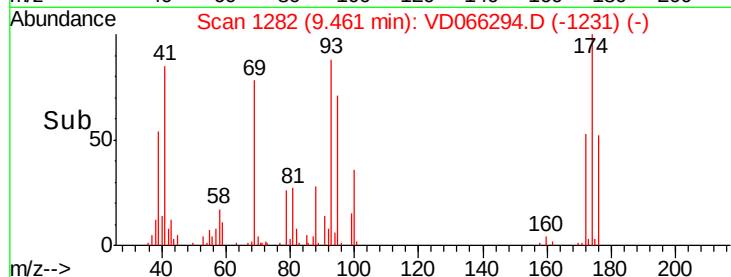
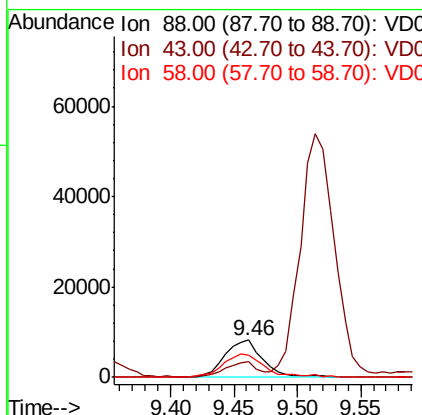
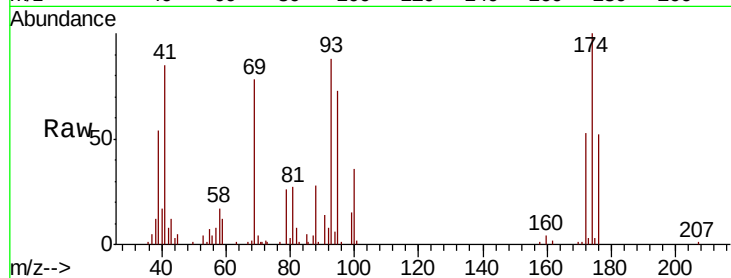




#49
 1,4-Dioxane
 Concen: 1123.036 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

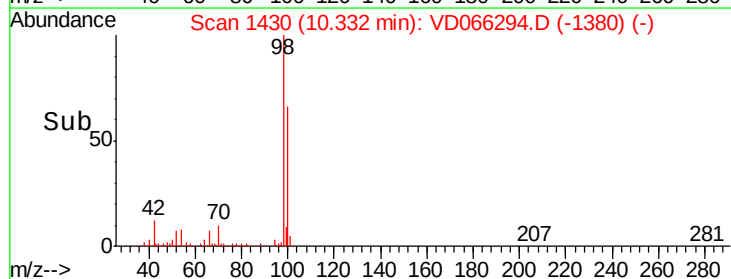
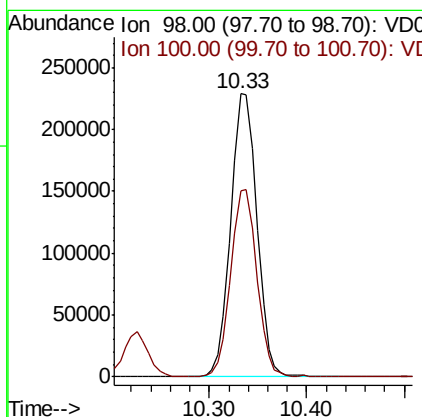
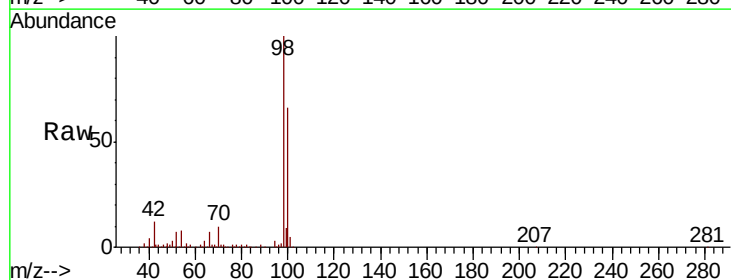
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

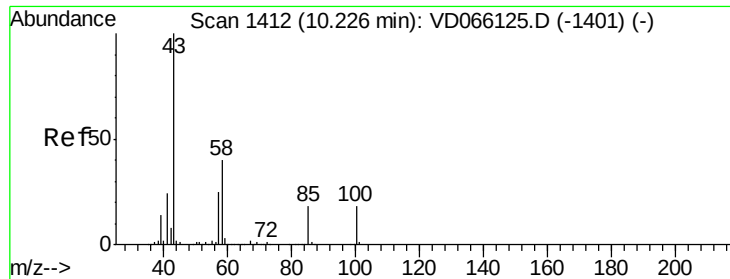
Tot Ion: 88 Resp: 17178
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.5 41.3
 58 66.8 50.2 75.4



#50
 Toluene-d8
 Concen: 54.258 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 98 Resp: 430018
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 78.8

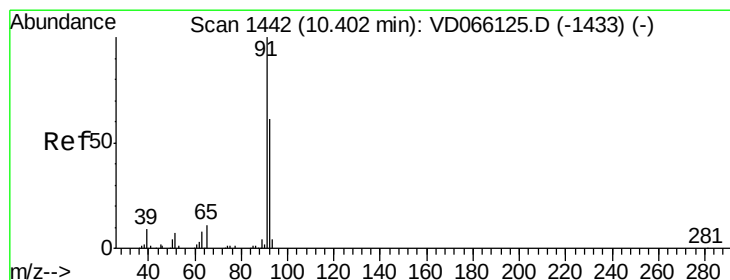
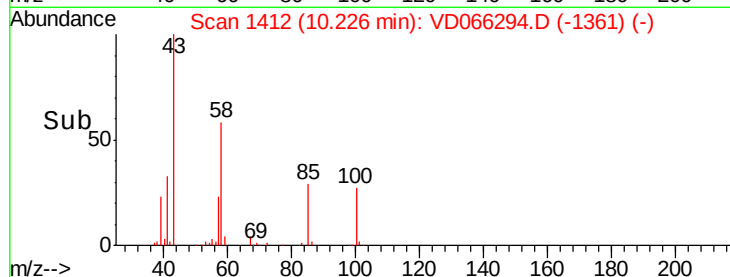
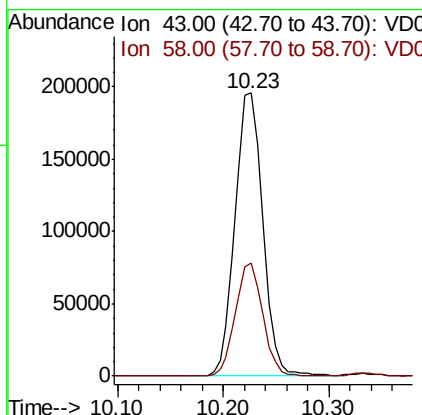
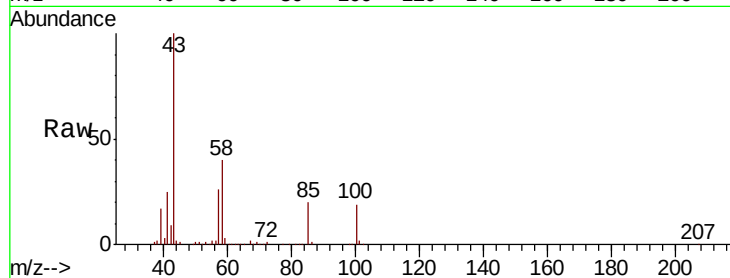




#51
 4-Methyl-2-Pentanone
 Concen: 279.629 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

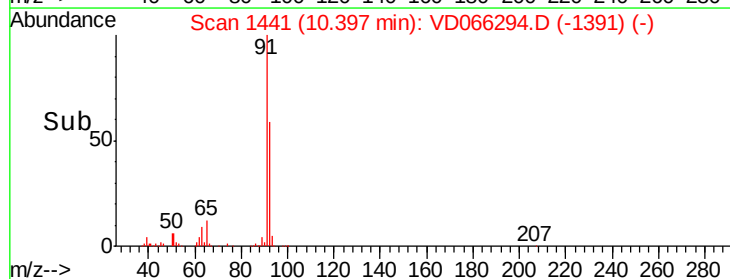
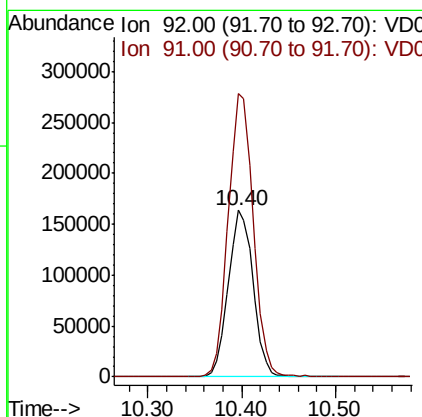
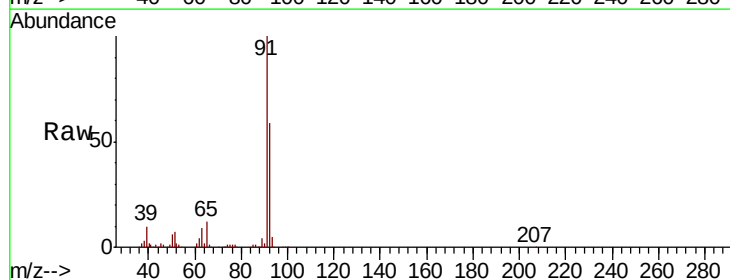
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

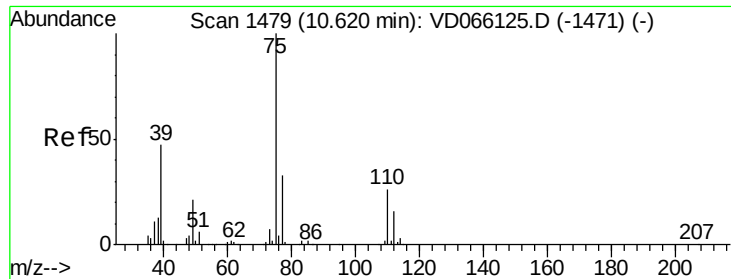
Tot Ion: 43 Resp: 357220
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.1 46.7



#52
 Toluene
 Concen: 51.768 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 92 Resp: 301046
 Ion Ratio Lower Upper
 92 100
 91 171.1 135.2 202.8

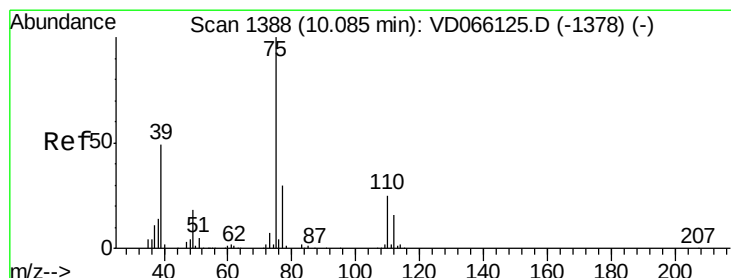
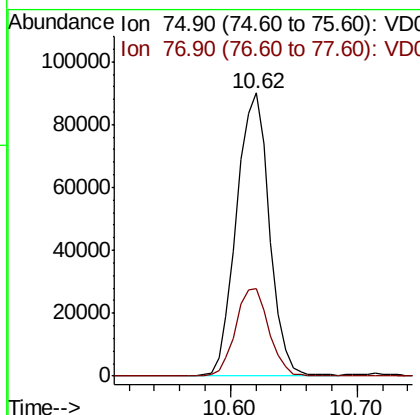
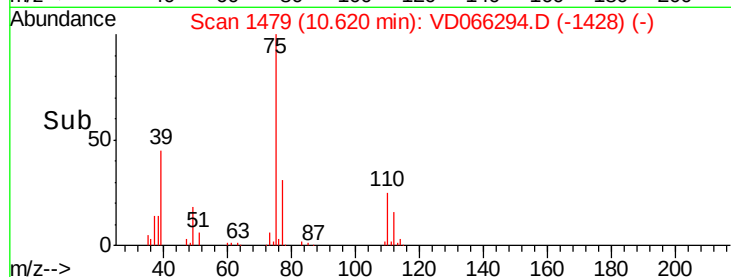
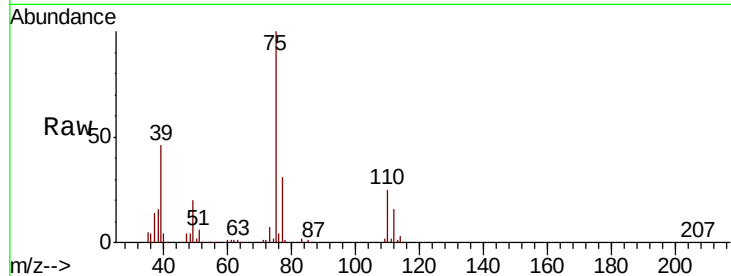




#53
 t-1,3-Dichloropropene
 Concen: 54.199 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

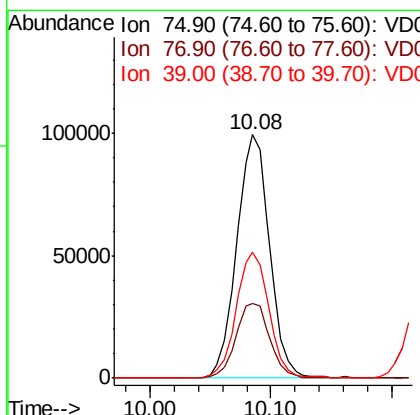
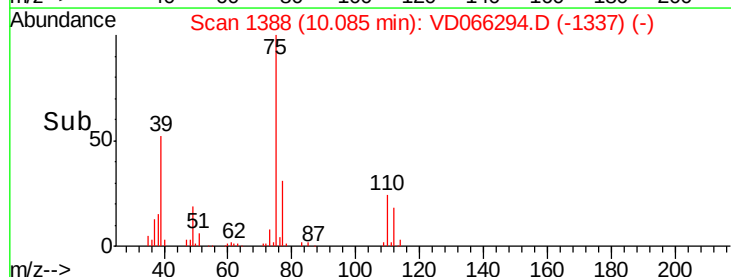
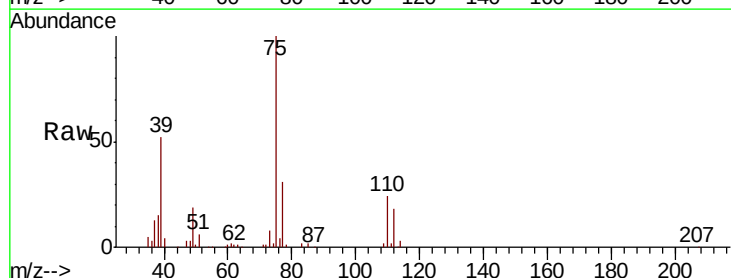
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

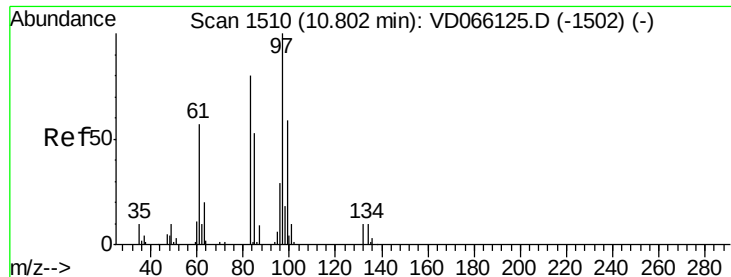
Tot Ion: 75 Resp: 161851
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.714 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 75 Resp: 187935
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.3 36.5
 39 51.6 39.3 58.9

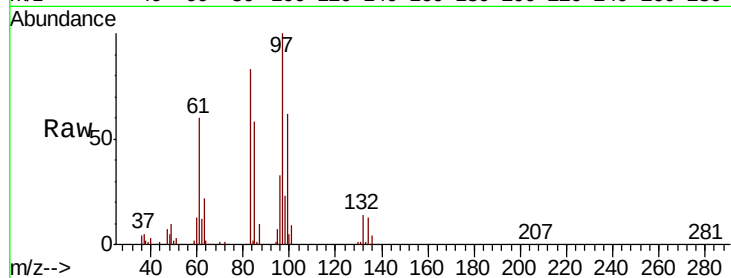




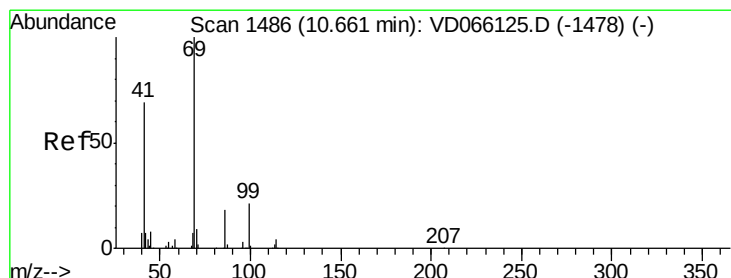
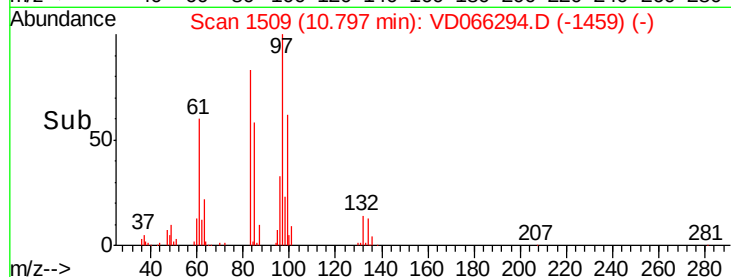
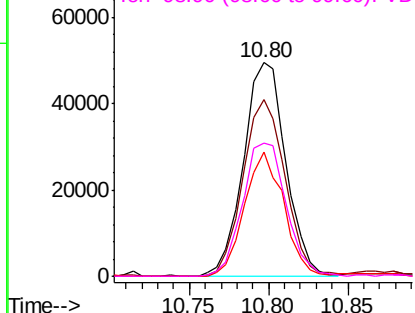
#55
 1,1,2-Trichloroethane
 Concen: 53.724 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	92104
Ion	Ratio	Lower	Upper
97	100		
83	82.9	63.9	95.9
85	57.9	42.5	63.7
99	62.4	47.4	71.0

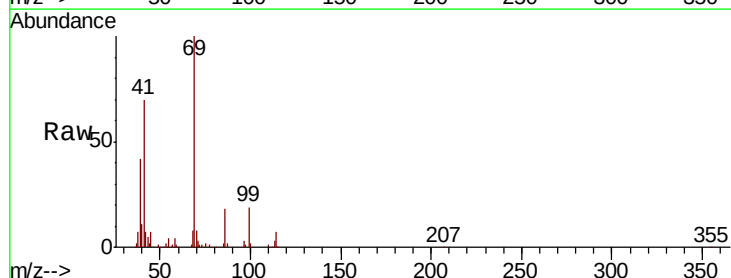


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

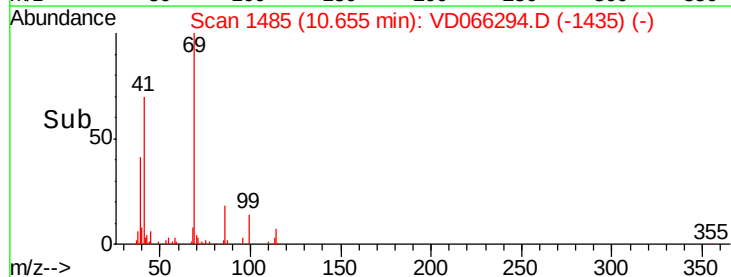
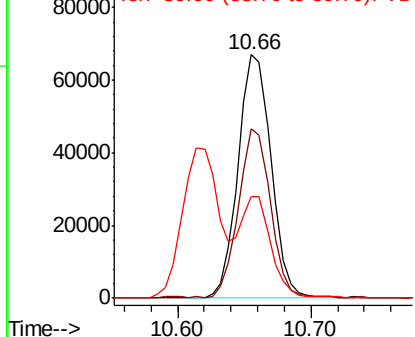


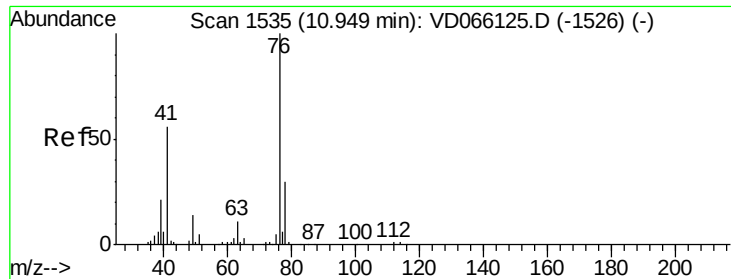
#56
 Ethyl methacrylate
 Concen: 55.844 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion:	69	Resp:	115010
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.1	81.1
39	39.7	28.6	43.0



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

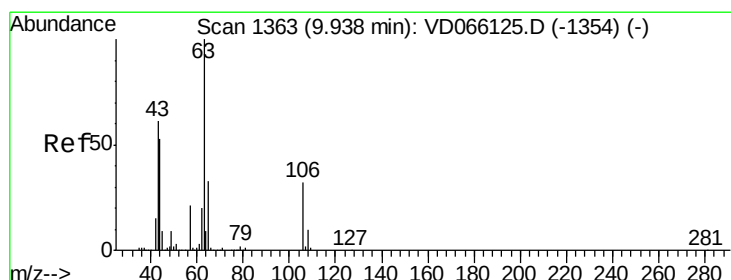
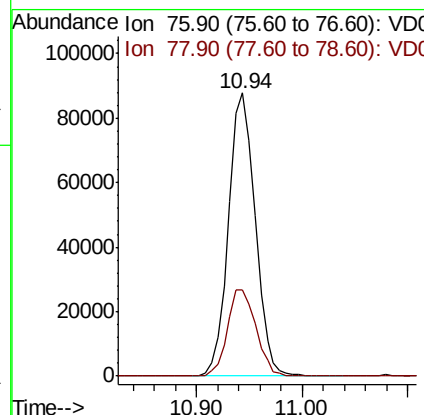
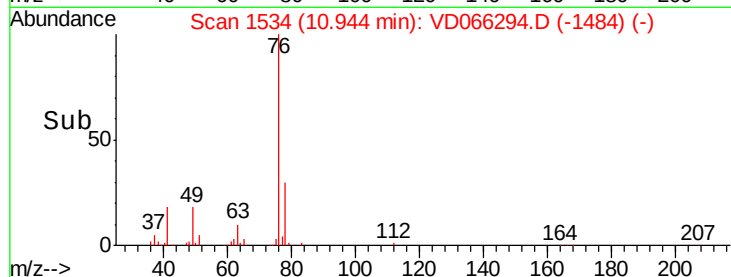
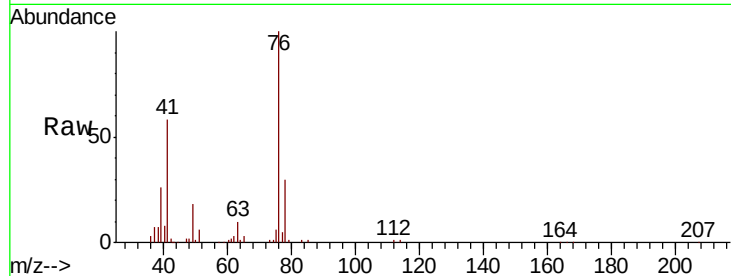




#57
 1,3-Dichloropropane
 Concen: 54.143 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

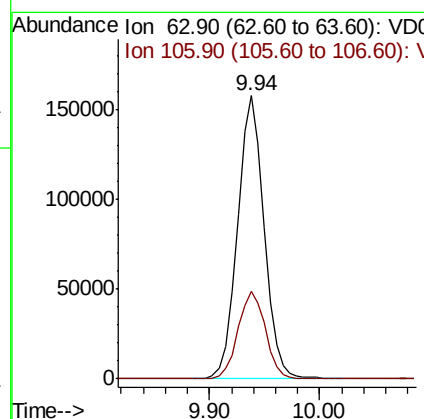
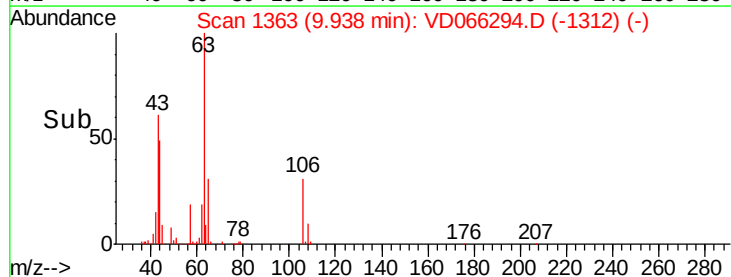
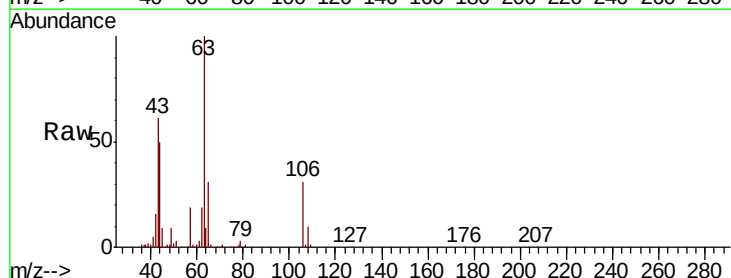
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

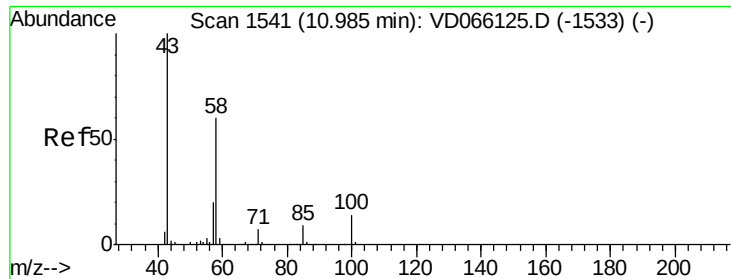
Tot Ion: 76 Resp: 154098
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 288.026 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 63 Resp: 266821
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.3 37.9

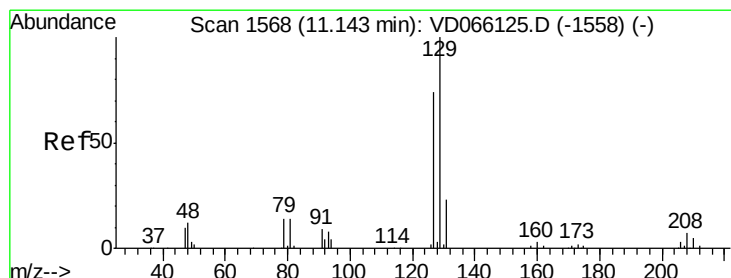
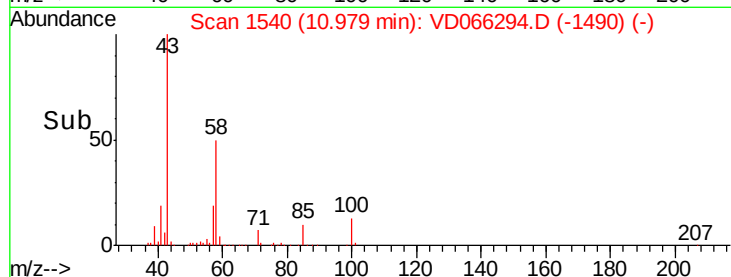
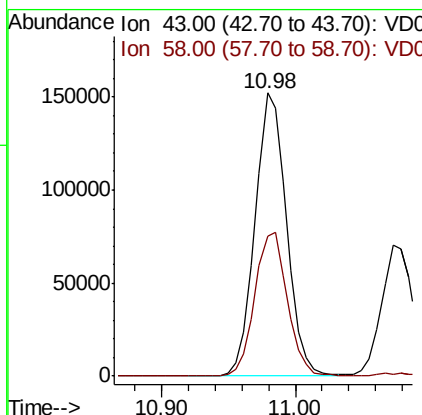
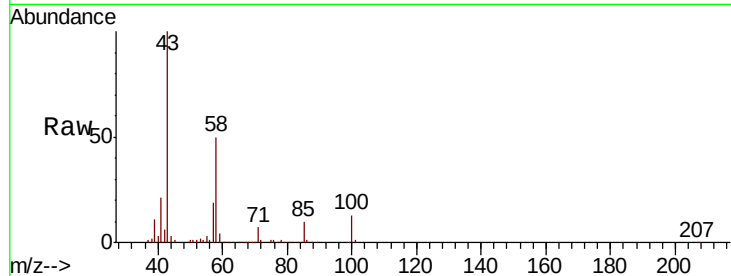




#59
2-Hexanone
Concen: 276.343 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

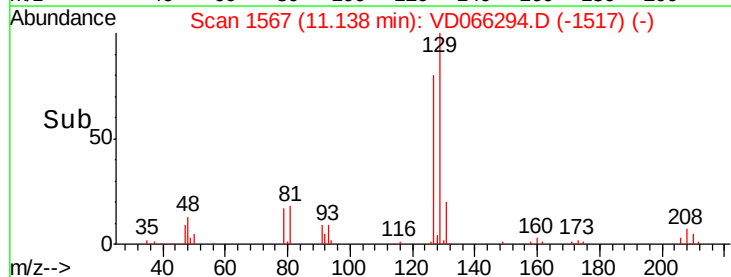
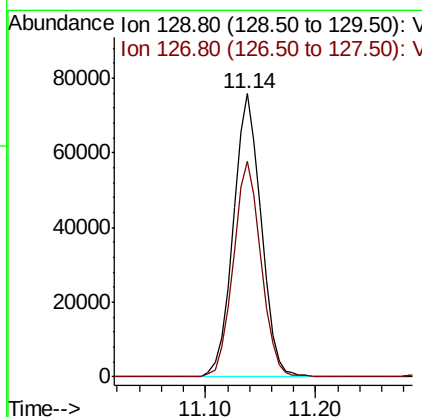
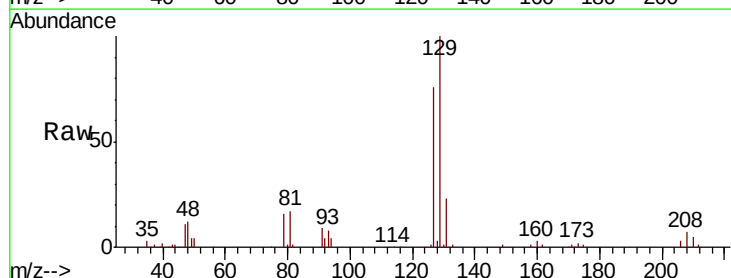
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

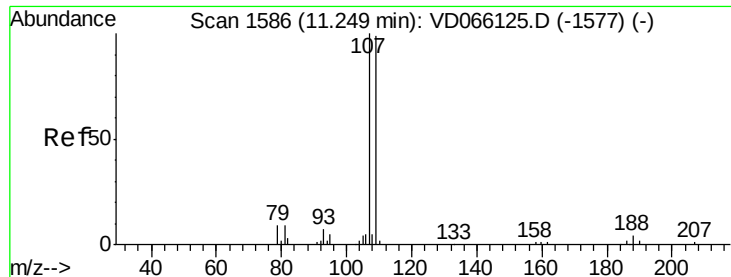
Tot Ion: 43 Resp: 247757
Ion Ratio Lower Upper
43 100
58 52.6 27.8 83.4



#60
Dibromochloromethane
Concen: 56.749 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 129 Resp: 134317
Ion Ratio Lower Upper
129 100
127 75.4 38.0 114.1

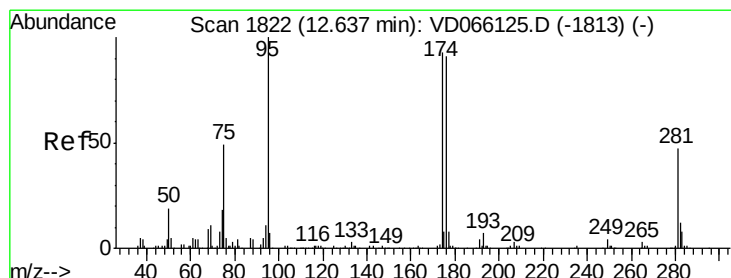
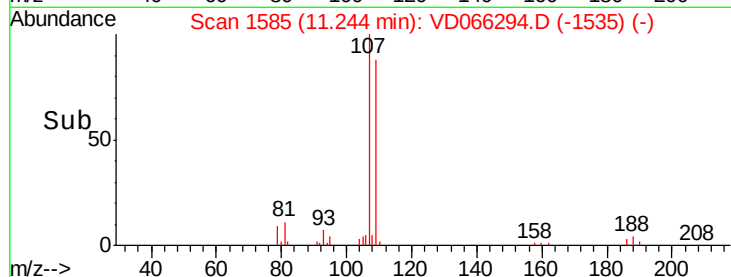
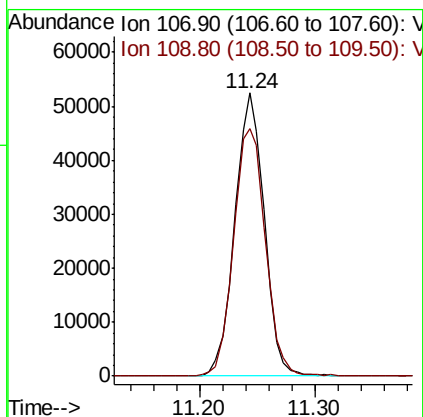
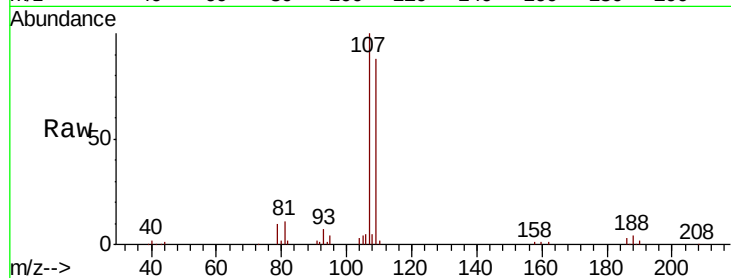




#61
 1,2-Dibromoethane
 Concen: 56.090 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

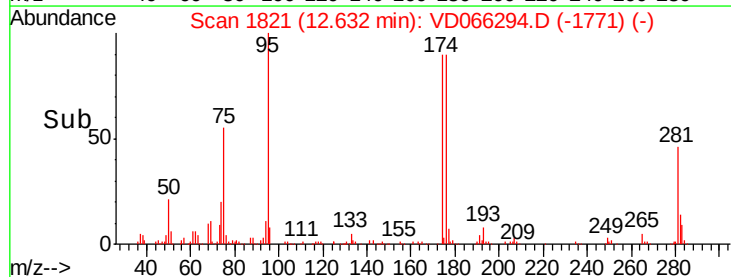
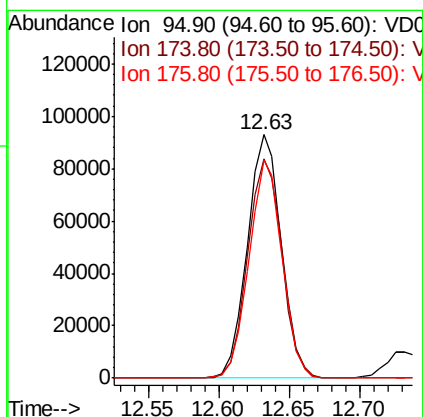
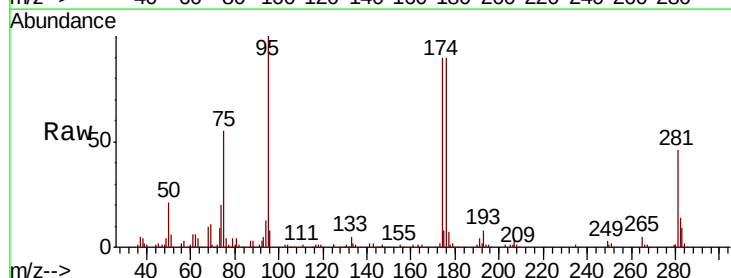
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

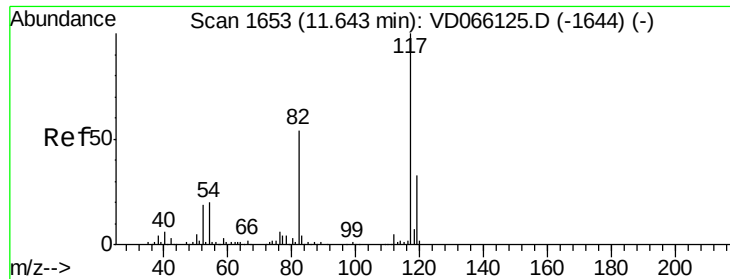
Tot Ion:107 Resp: 92478
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 54.758 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 95 Resp: 156435
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 180.8
 176 87.6 0.0 181.2

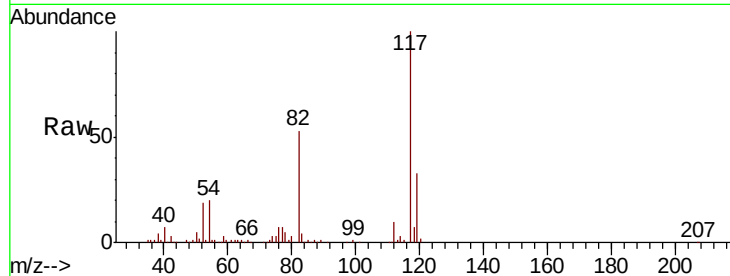




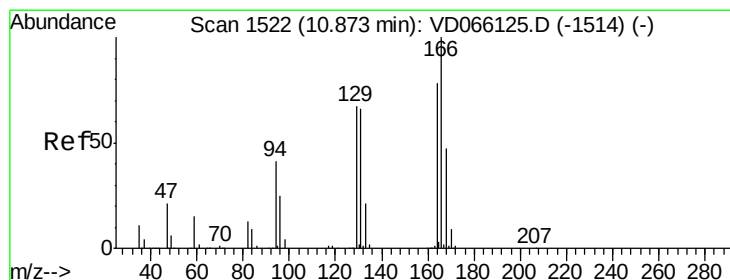
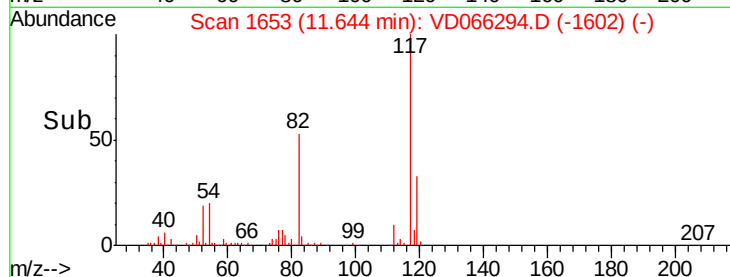
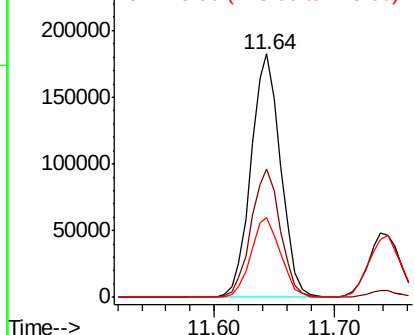
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 312426
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.9 26.1 39.1

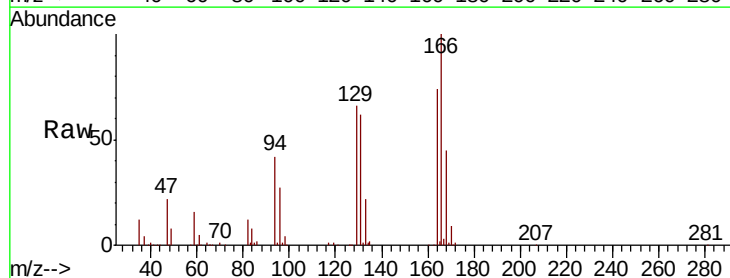


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

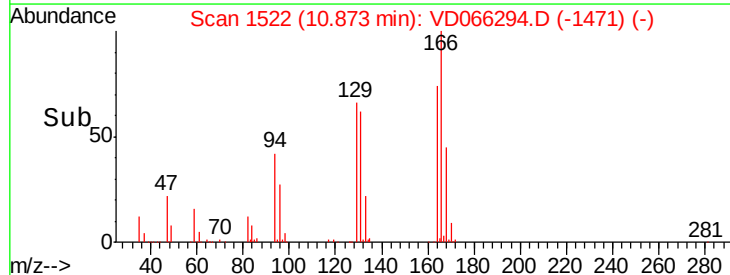
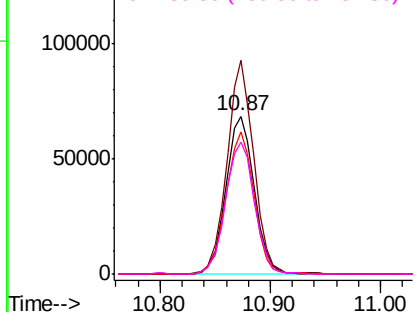


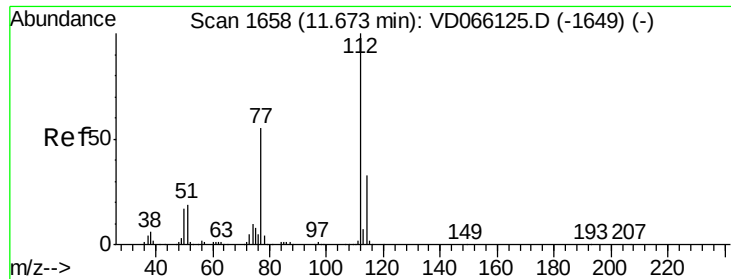
#64
Tetrachloroethene
Concen: 51.434 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion:164 Resp: 123395
Ion Ratio Lower Upper
164 100
166 135.4 101.9 152.9
129 90.0 68.1 102.1
131 83.3 67.6 101.4



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

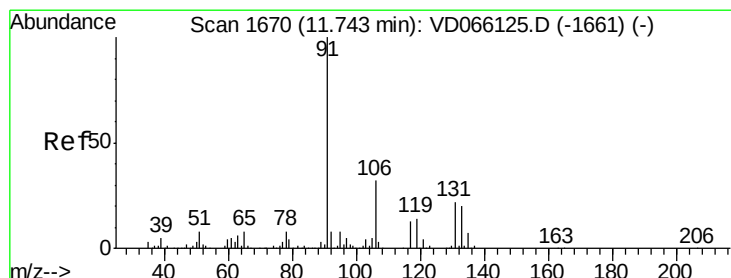
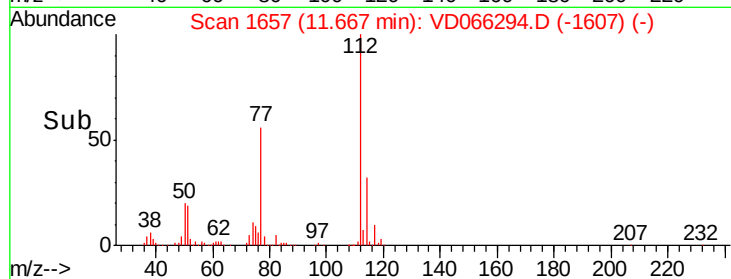
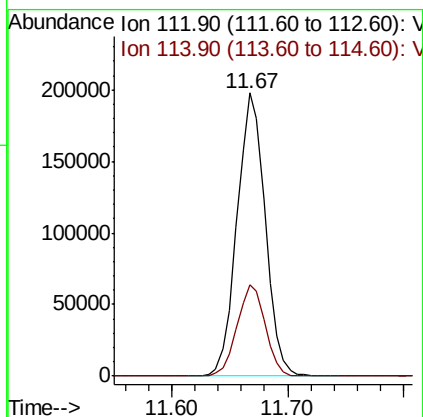
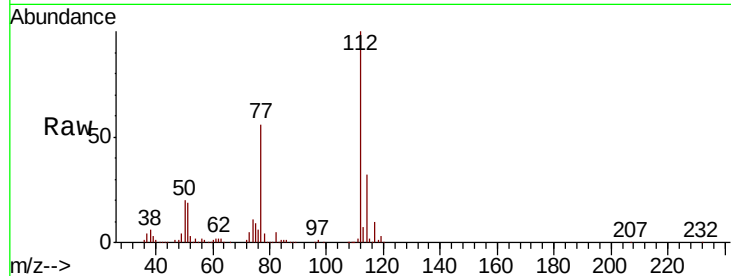




#65
Chlorobenzene
Concen: 52.656 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

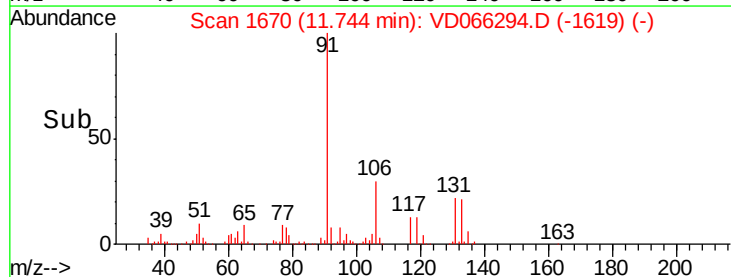
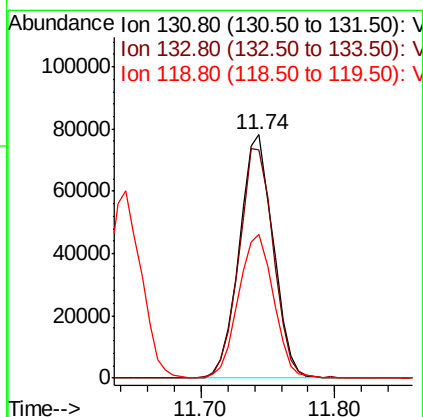
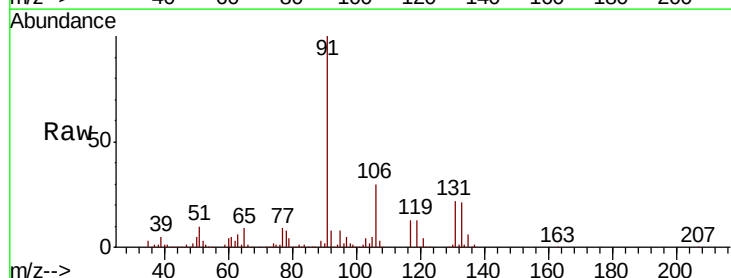
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

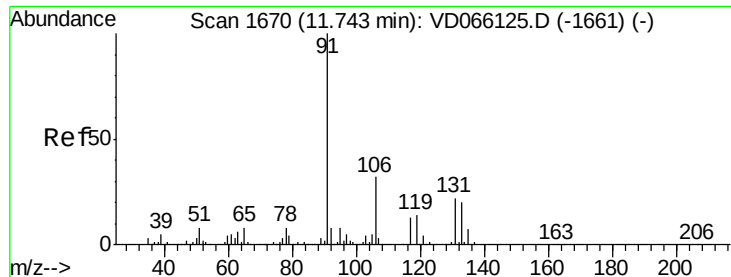
Tot Ion:112 Resp: 333960
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 55.193 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion:131 Resp: 136967
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 61.6 31.6 94.7

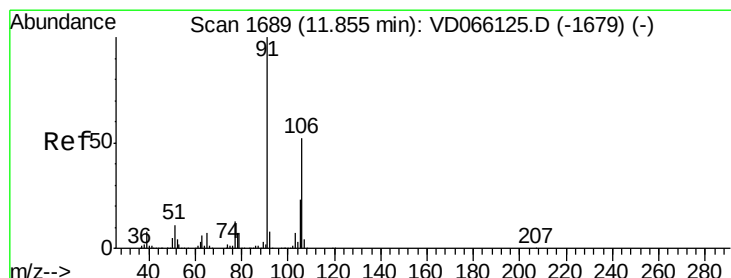
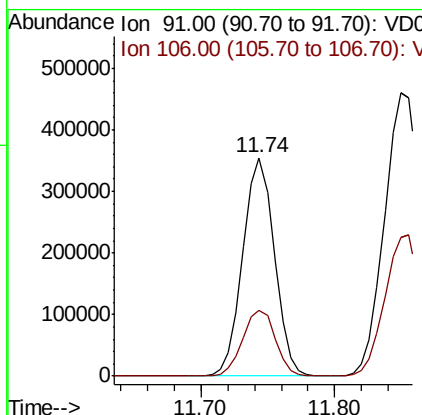
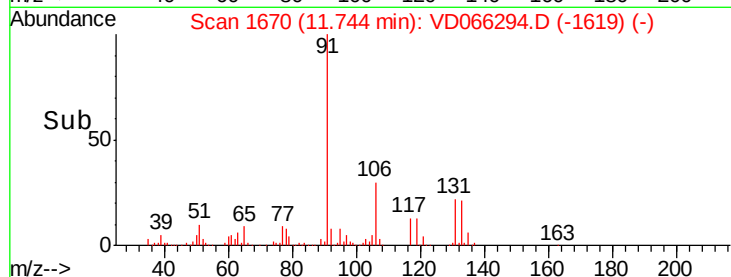
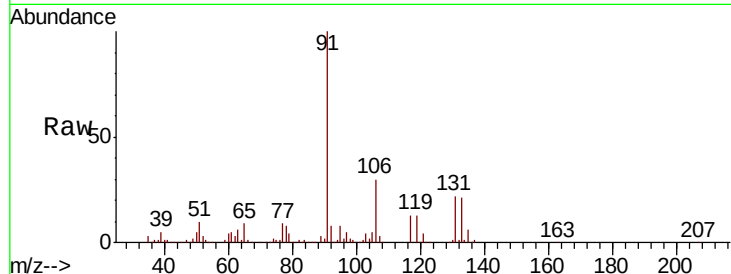




#67
Ethyl Benzene
Concen: 52.963 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

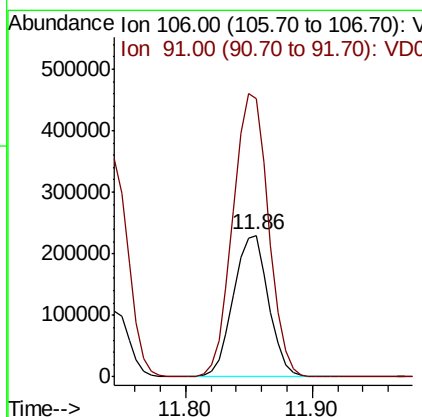
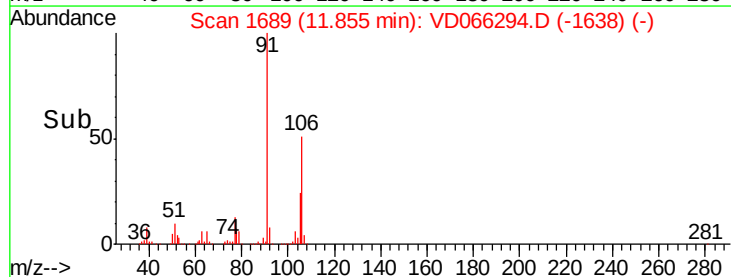
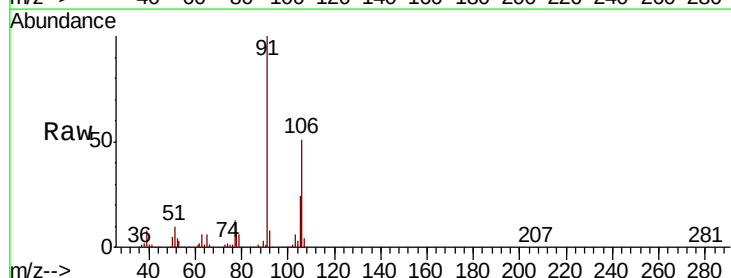
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

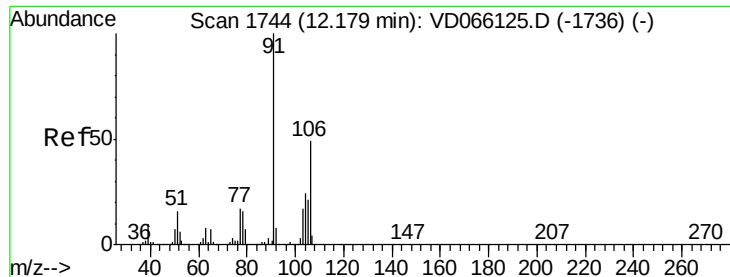
Tot Ion: 91 Resp: 582104
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5



#68
m/p-Xylenes
Concen: 103.423 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 106 Resp: 440401
Ion Ratio Lower Upper
106 100
91 203.2 156.6 235.0

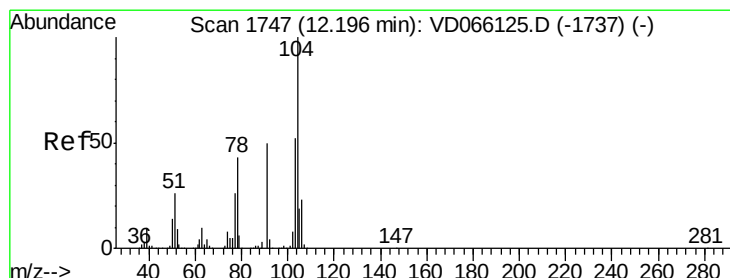
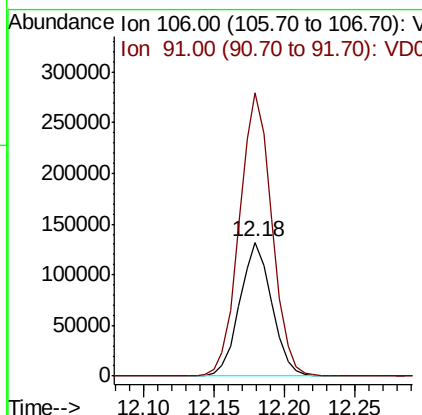
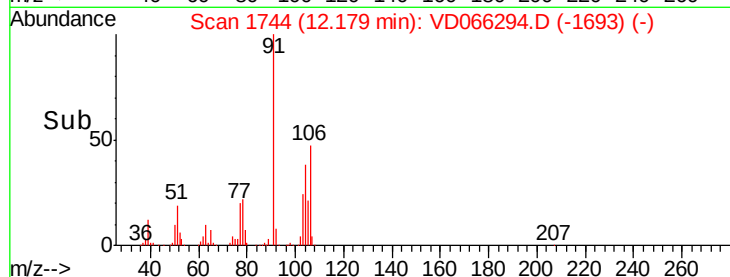
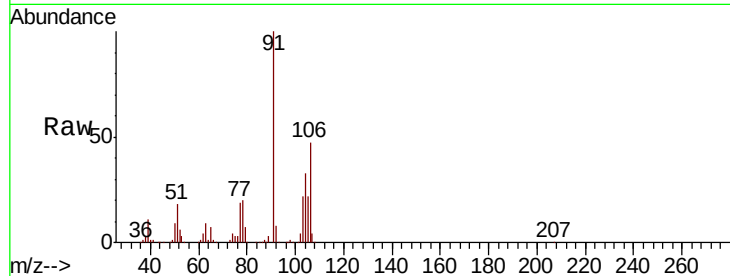




#69
o-Xylene
Concen: 54.128 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

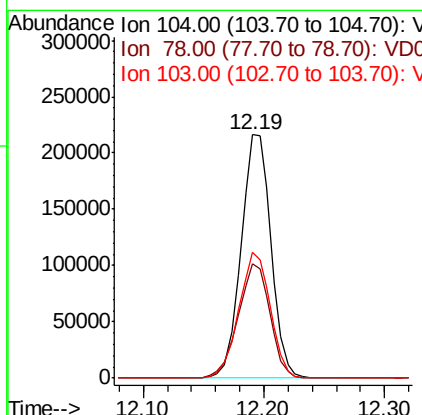
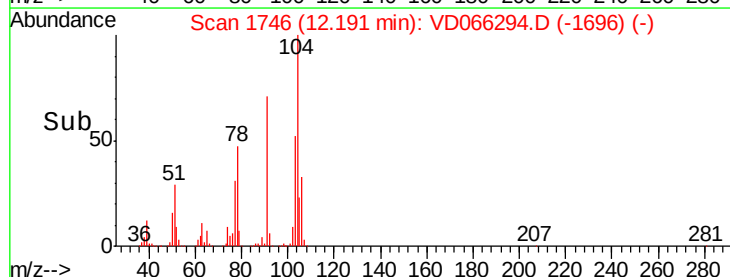
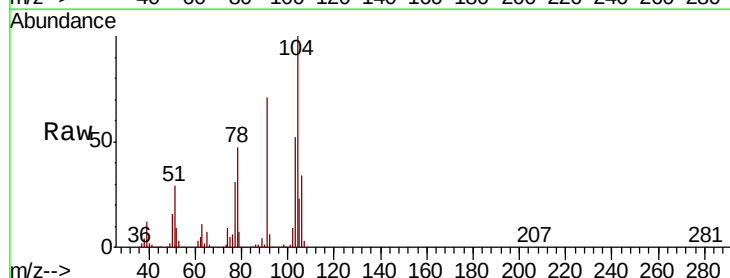
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

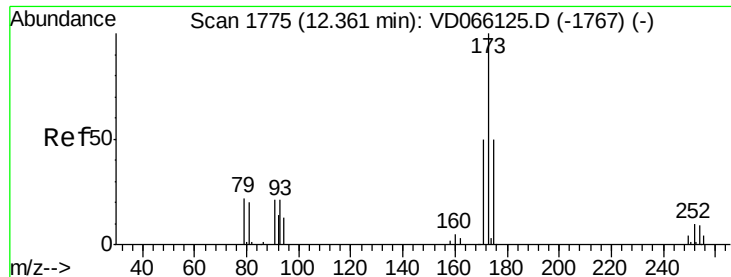
Tot Ion:106 Resp: 209669
Ion Ratio Lower Upper
106 100
91 213.9 105.7 317.1



#70
Styrene
Concen: 54.981 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion:104 Resp: 373243
Ion Ratio Lower Upper
104 100
78 50.0 38.6 58.0
103 54.5 44.1 66.1





#71

Bromoform

Concen: 56.912 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

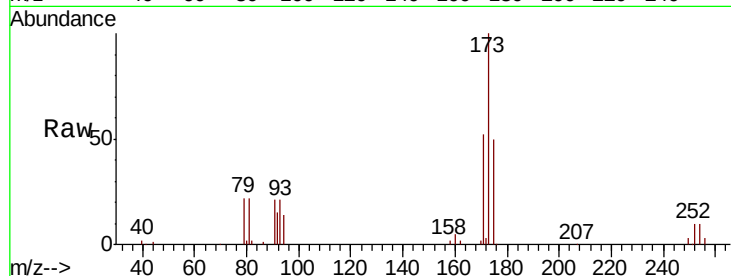
Tot Ion:173 Resp: 83677

Ion Ratio Lower Upper

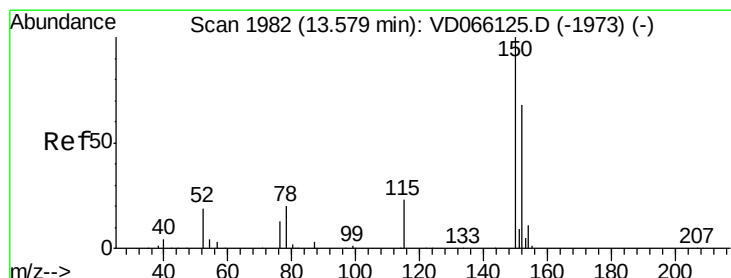
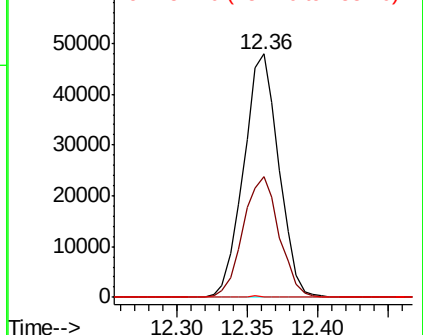
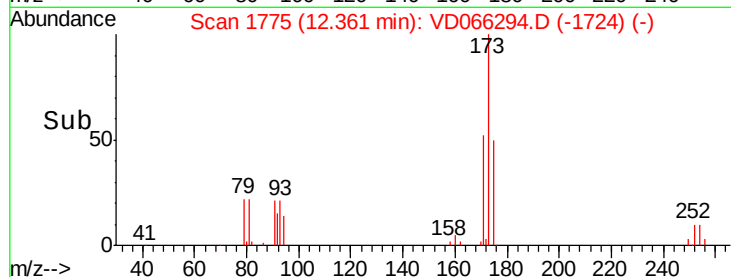
173 100

175 50.8 24.6 73.6

254 0.1 0.2 0.2#



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: VD066294.D

Acq: 18 Aug 2020 23:30

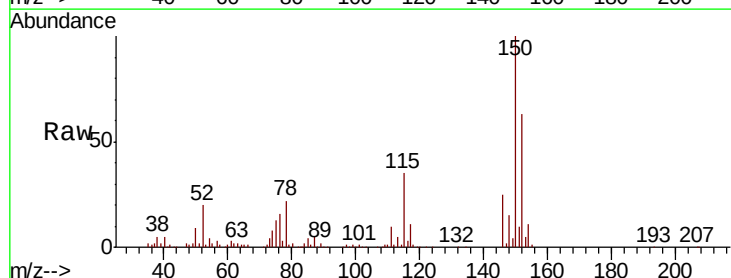
Tgt Ion:152 Resp: 163699

Ion Ratio Lower Upper

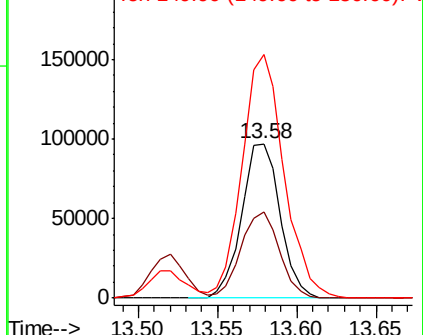
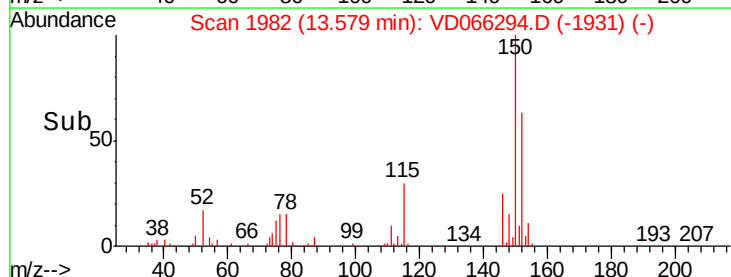
152 100

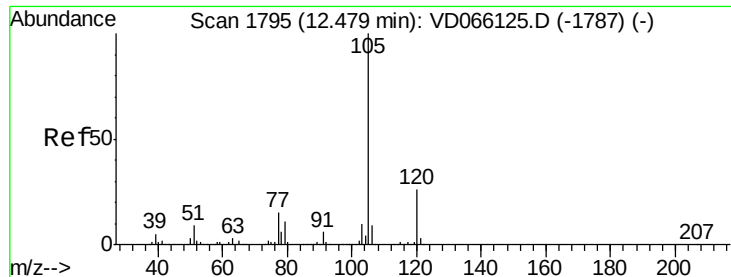
115 56.2 28.0 83.9

150 172.1 0.0 346.4



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: 52.859 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

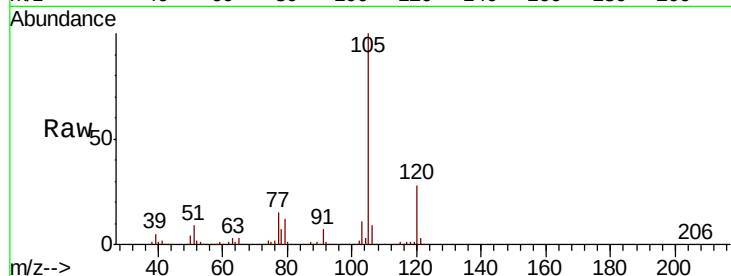
VSTDCCC050

Tot Ion:105 Resp: 577600

Ion Ratio Lower Upper

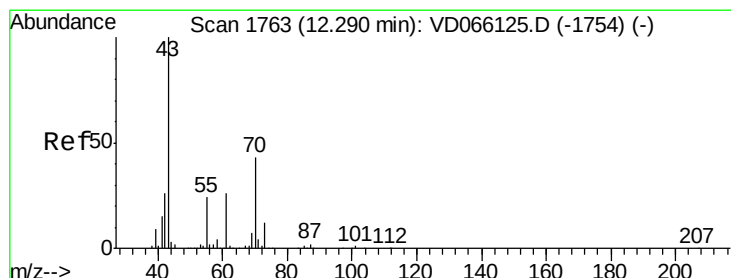
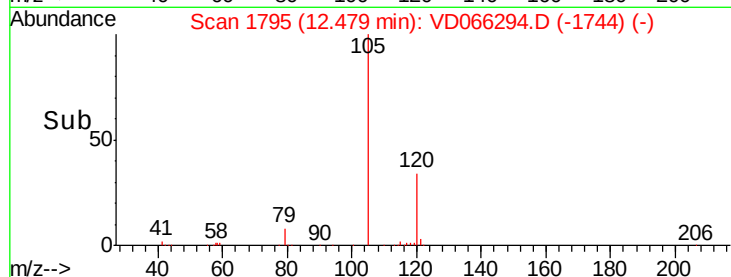
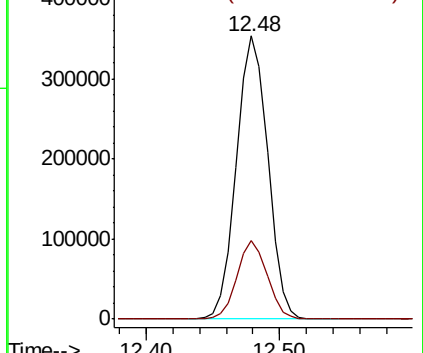
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.069 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Tgt Ion: 43 Resp: 130105

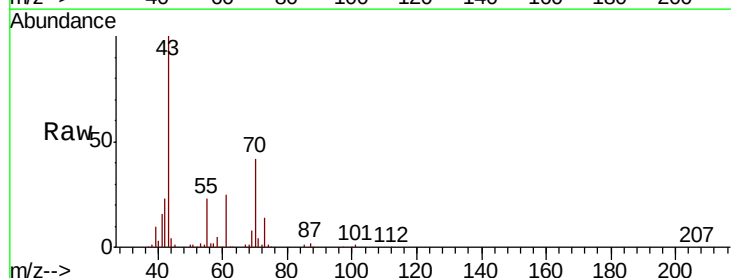
Ion Ratio Lower Upper

43 100

70 44.4 34.9 52.3

55 23.4 19.2 28.8

61 23.7 19.7 29.5

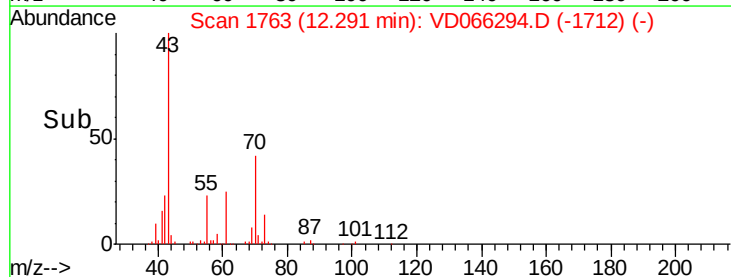
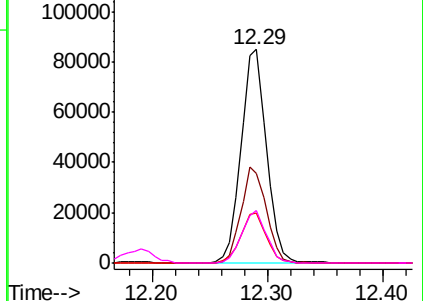


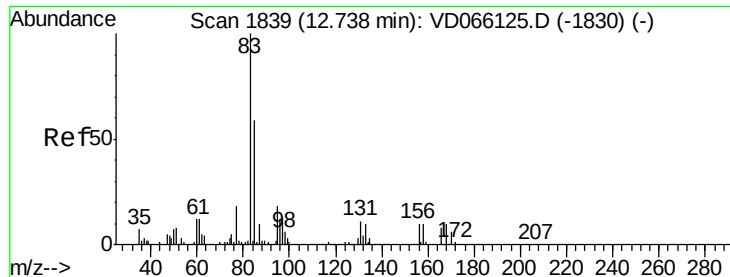
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 54.272 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

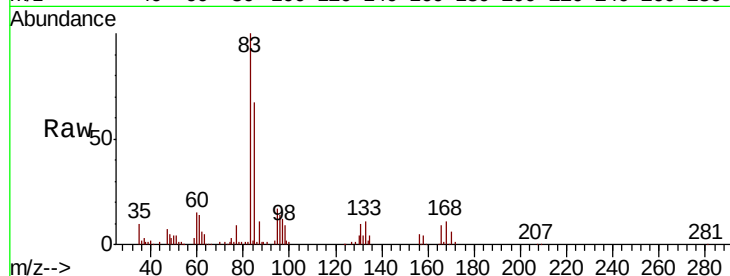
Tot Ion: 83 Resp: 101125

Ion Ratio Lower Upper

83 100

131 12.1 6.2 18.6

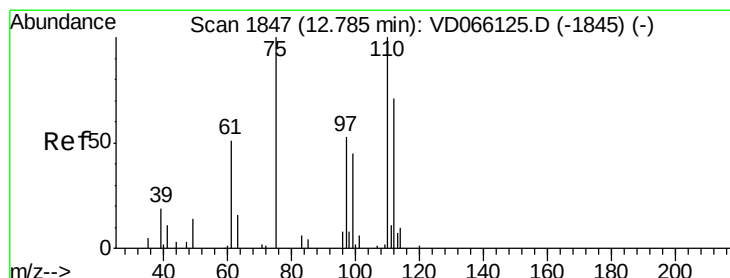
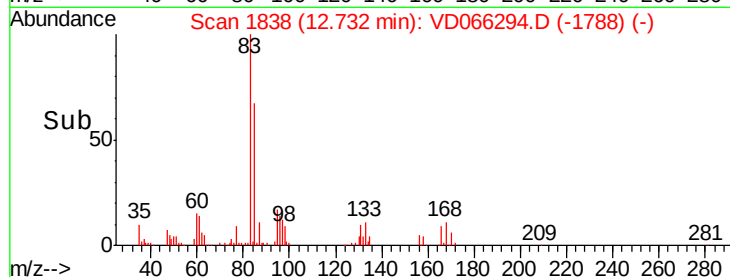
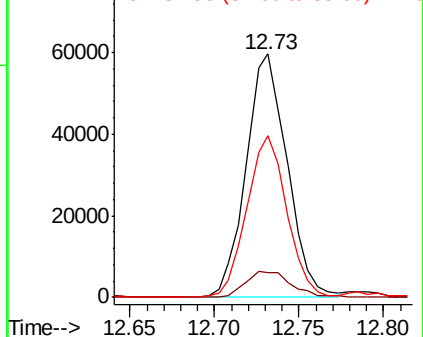
85 65.0 32.4 97.2



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: 97.839 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066294.D

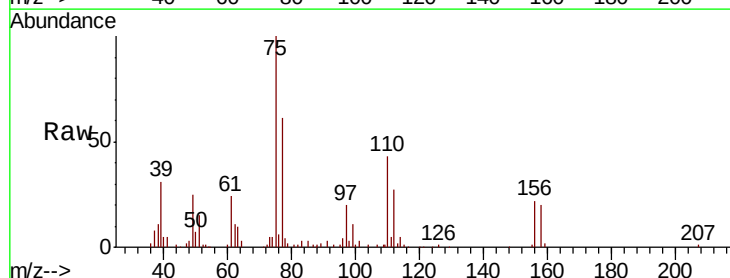
Acq: 18 Aug 2020 23:30

Tgt Ion: 75 Resp: 133563

Ion Ratio Lower Upper

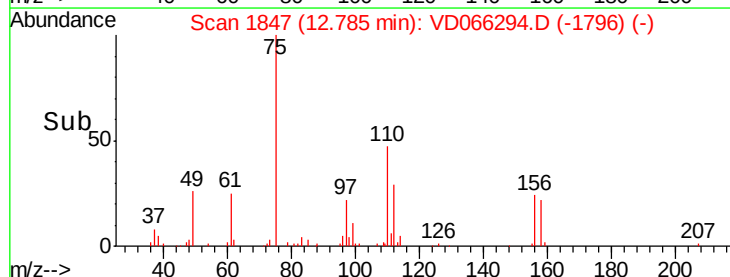
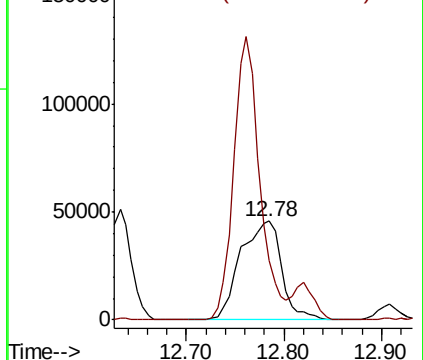
75 100

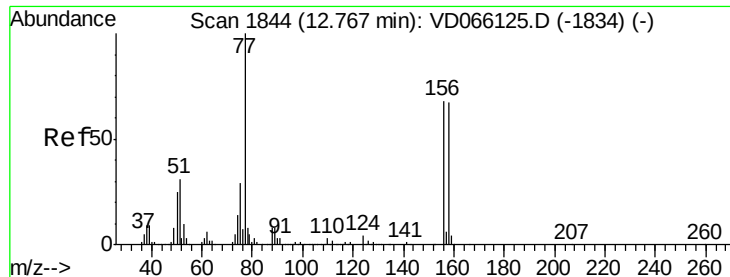
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.679 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

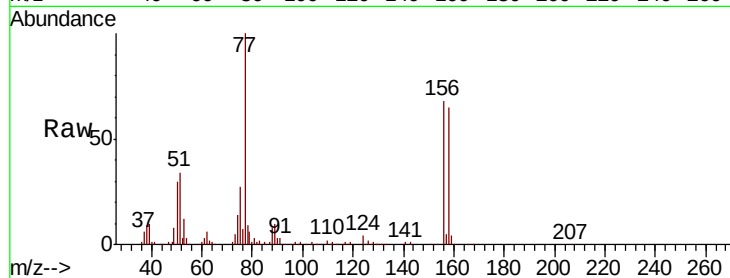
Tot Ion:156 Resp: 150993

Ion Ratio Lower Upper

156 100

77 161.1 81.0 243.1

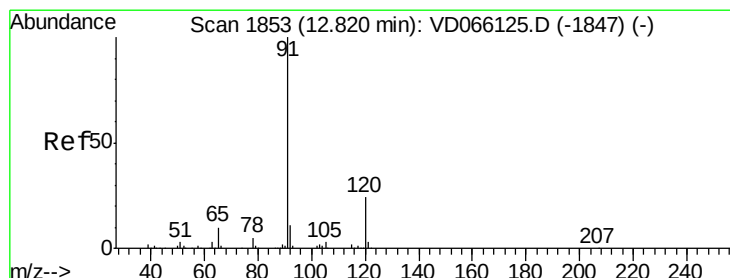
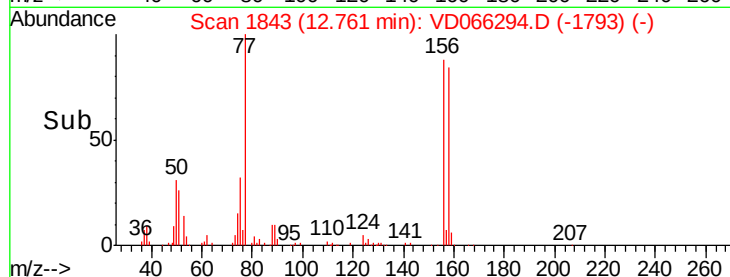
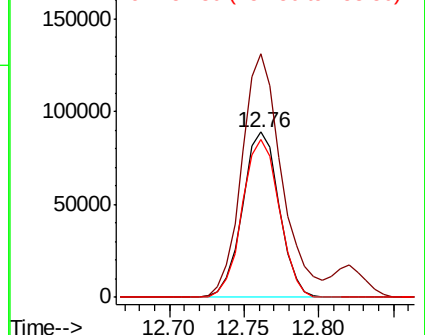
158 96.6 48.8 146.3



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: 51.823 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066294.D

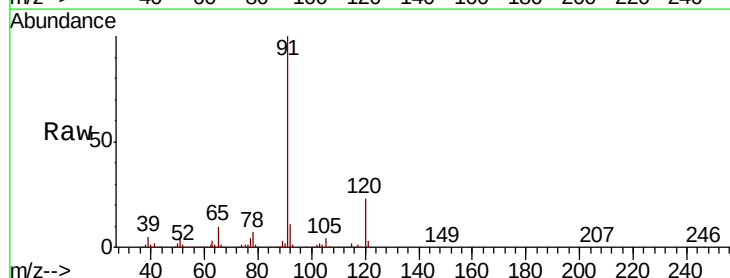
Acq: 18 Aug 2020 23:30

Tgt Ion: 91 Resp: 658267

Ion Ratio Lower Upper

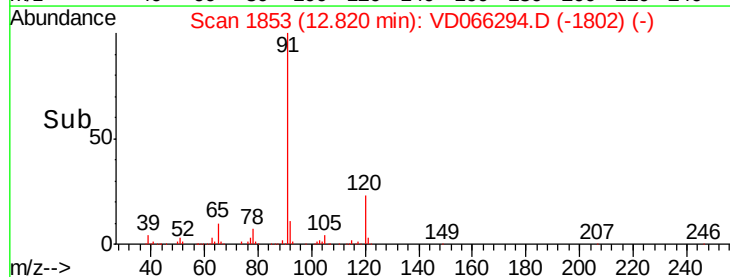
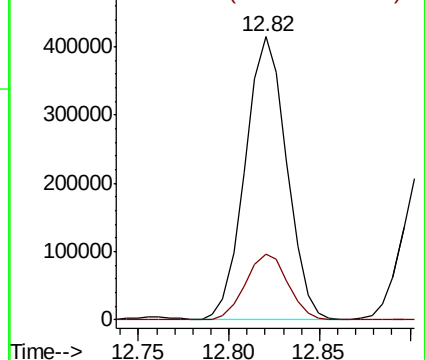
91 100

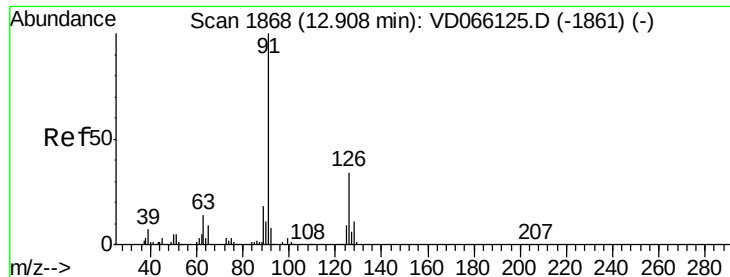
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

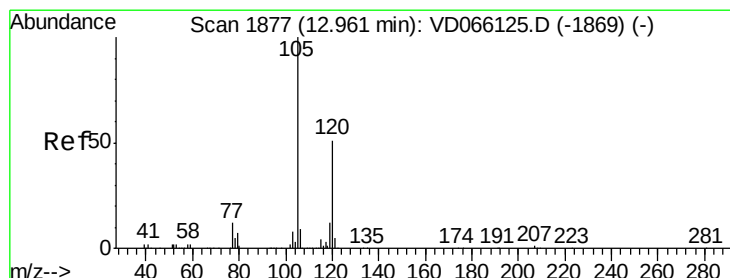
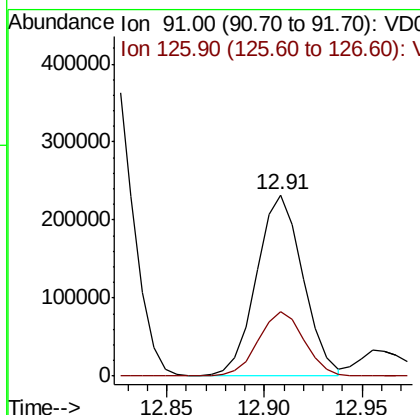
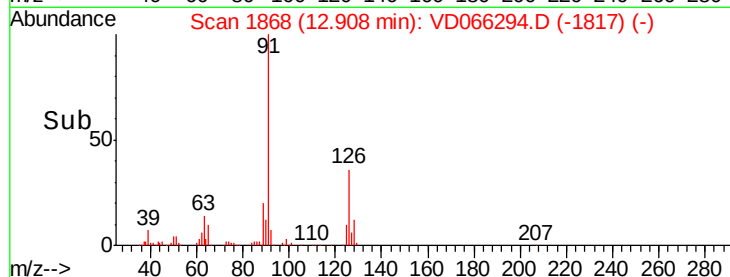
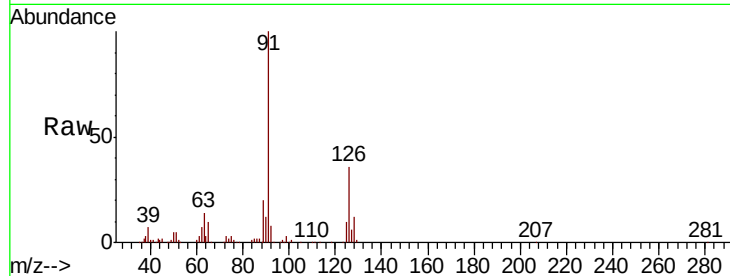




#79
 2-Chlorotoluene
 Concen: 52.326 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

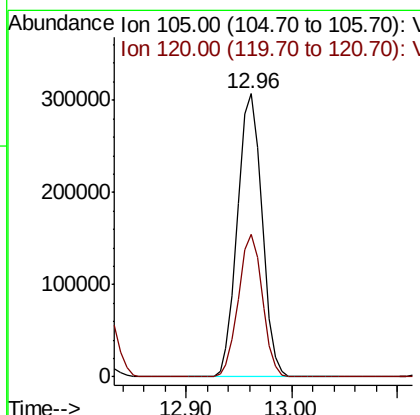
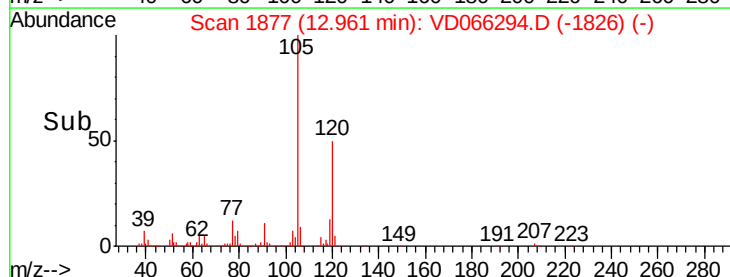
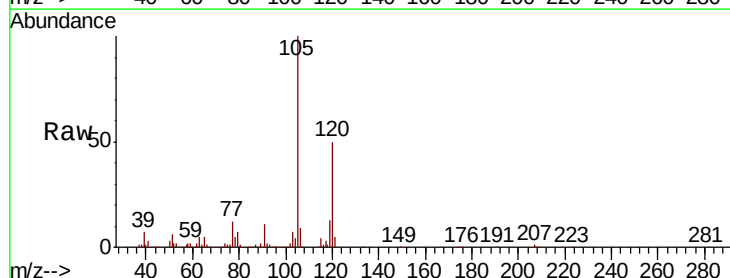
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

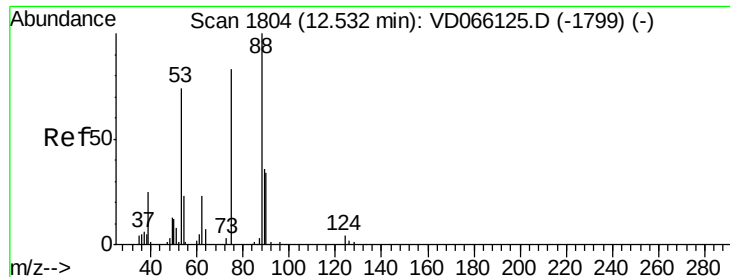
Tot Ion: 91 Resp: 380137
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.851 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion: 105 Resp: 492122
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.354 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

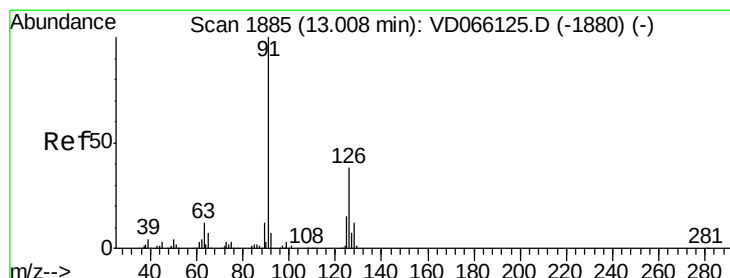
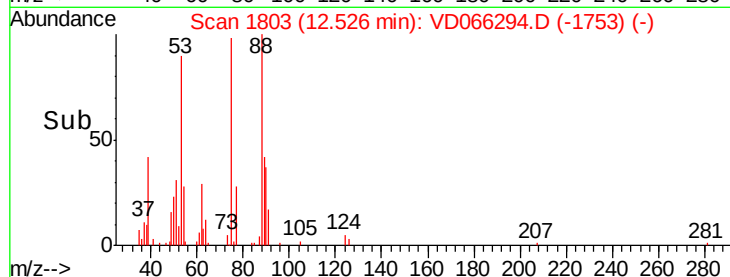
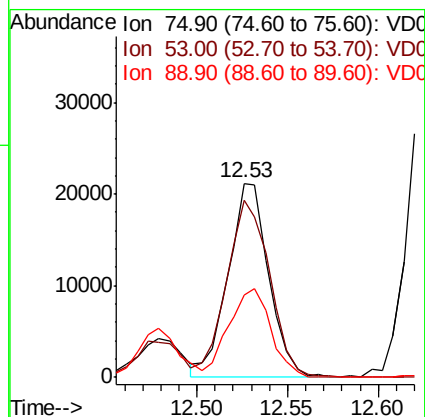
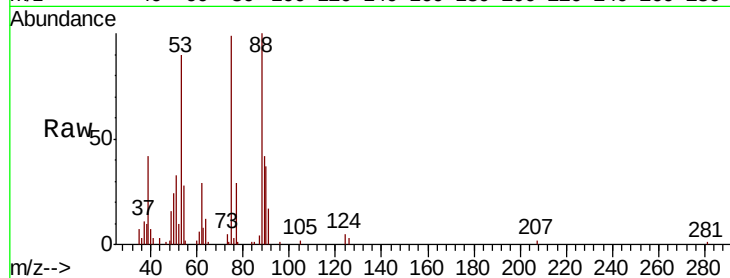
Tot Ion: 75 Resp: 32949

Ion Ratio Lower Upper

75 100

53 97.3 73.4 110.2

89 47.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 52.939 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066294.D

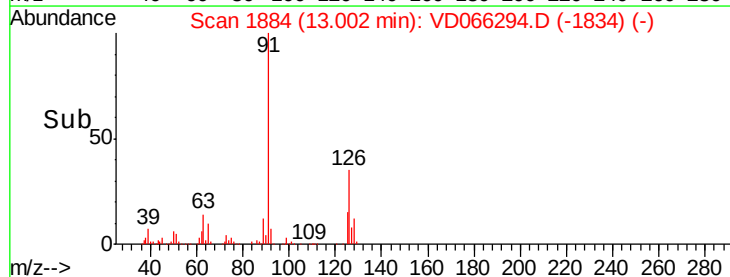
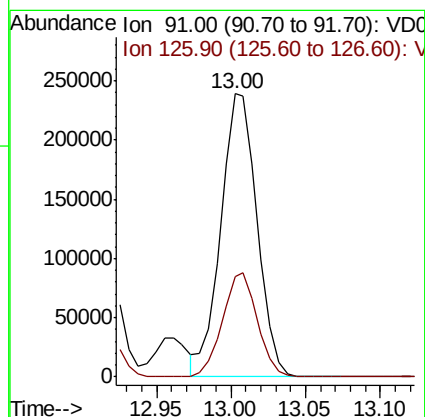
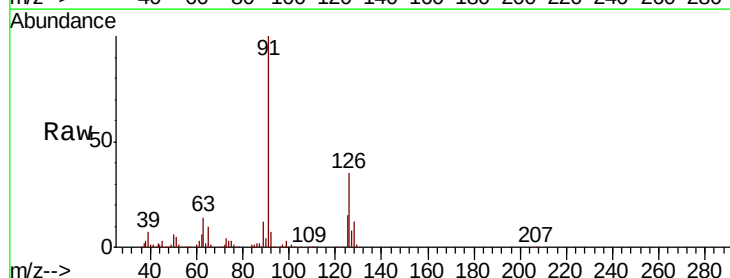
Acq: 18 Aug 2020 23:30

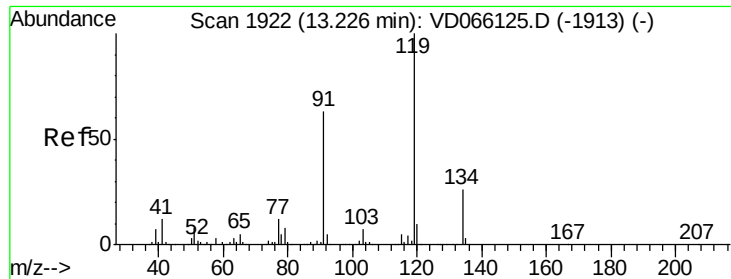
Tgt Ion: 91 Resp: 405994

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3

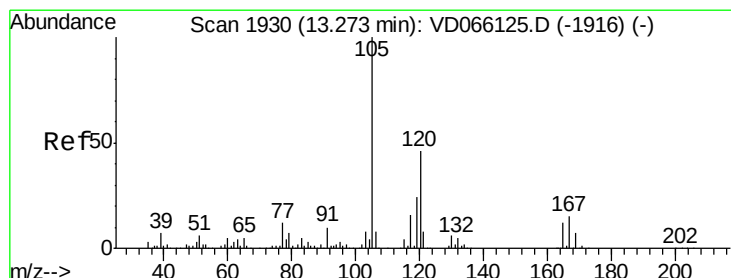
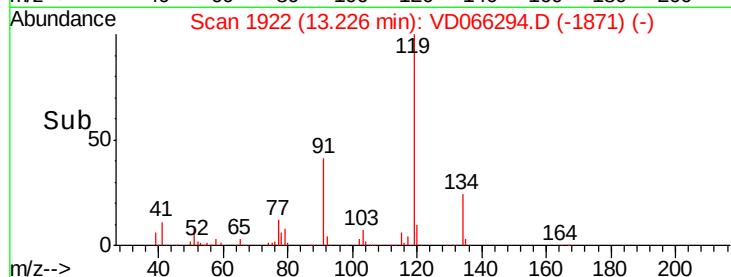
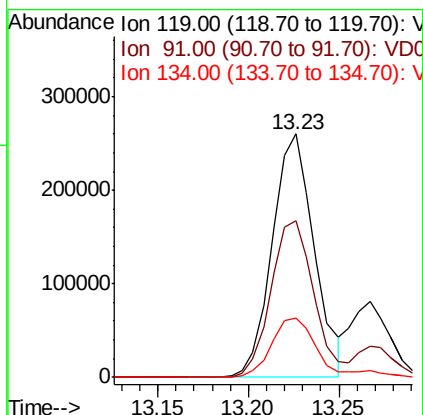
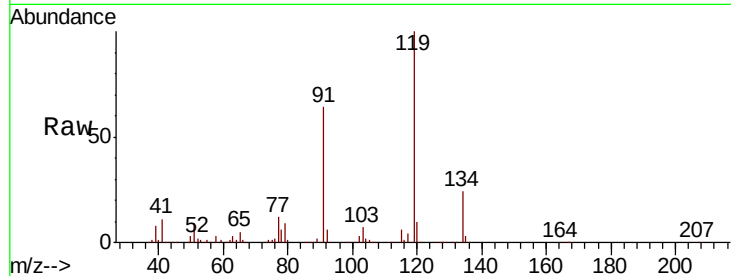




#83
 tert-Butylbenzene
 Concen: 52.371 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

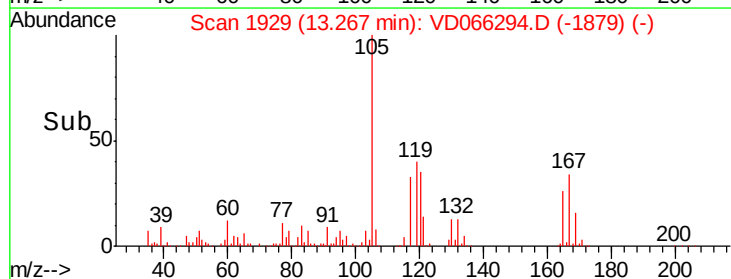
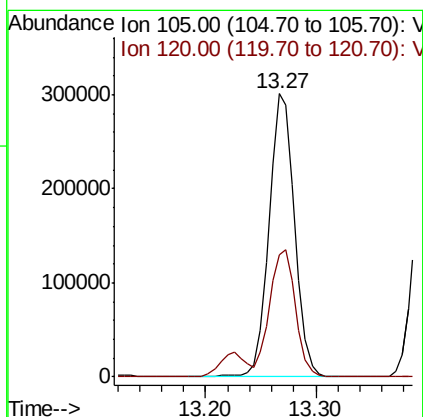
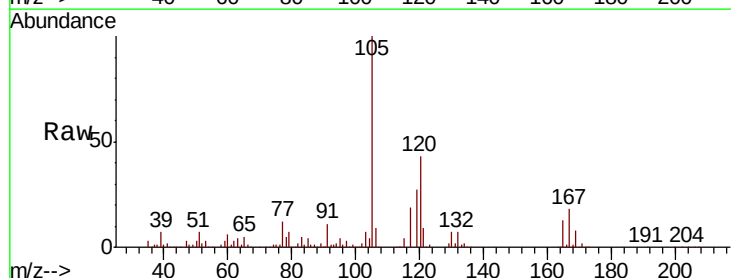
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

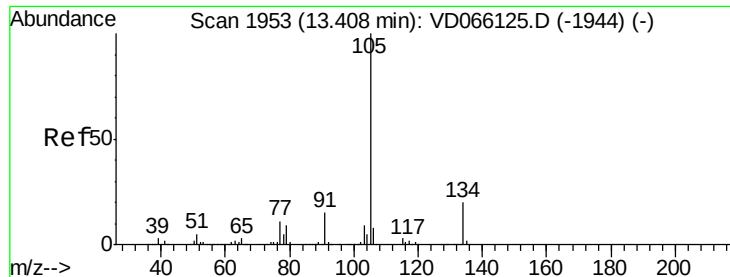
Tot Ion:119 Resp: 420894
 Ion Ratio Lower Upper
 119 100
 91 66.3 30.8 92.4
 134 25.4 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.115 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion:105 Resp: 485771
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.543 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

Instrument :

MSVOA_D

ClientSampleId :

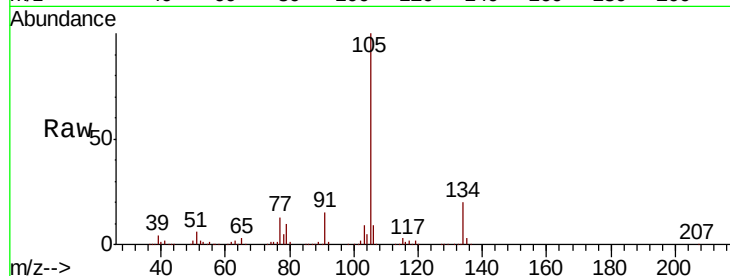
VSTDCCC050

Tot Ion:105 Resp: 570132

Ion Ratio Lower Upper

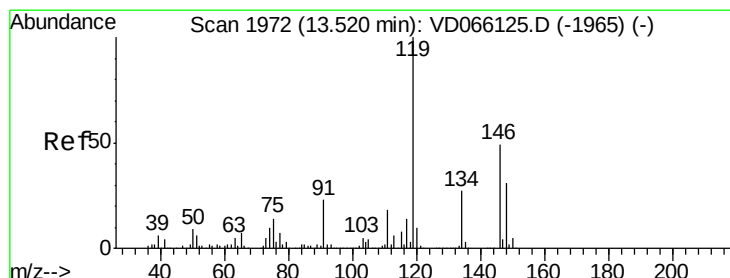
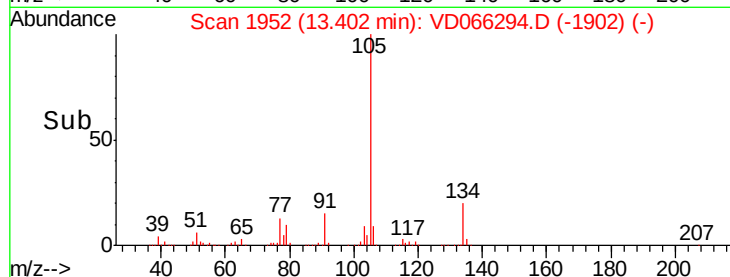
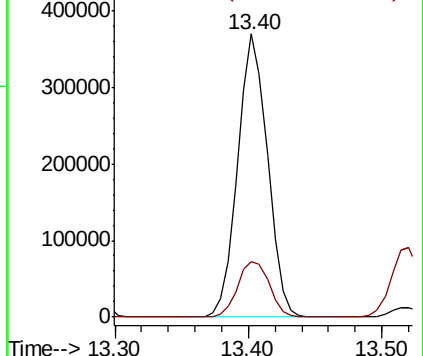
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.021 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066294.D

Acq: 18 Aug 2020 23:30

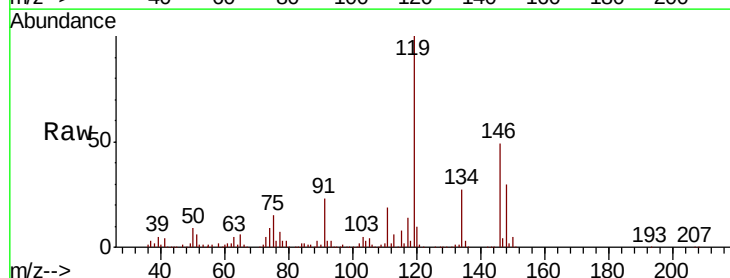
Tgt Ion:119 Resp: 529416

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

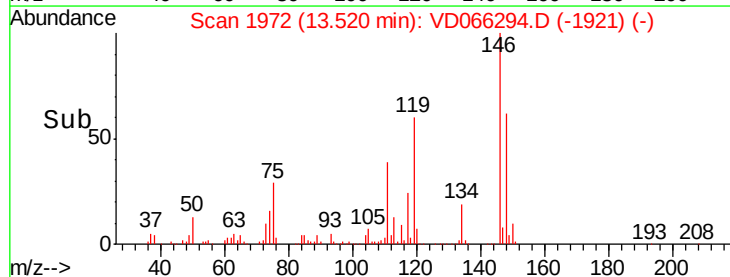
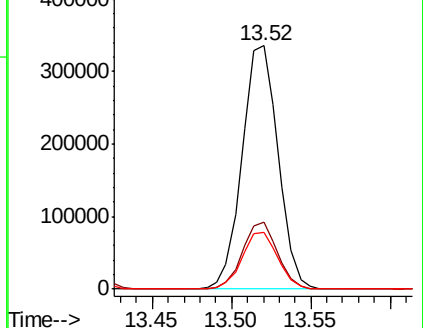
91 23.2 11.2 33.5

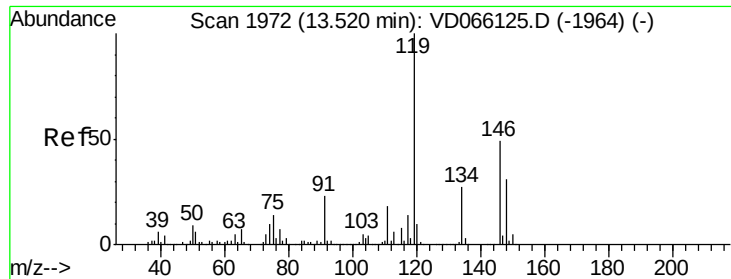


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

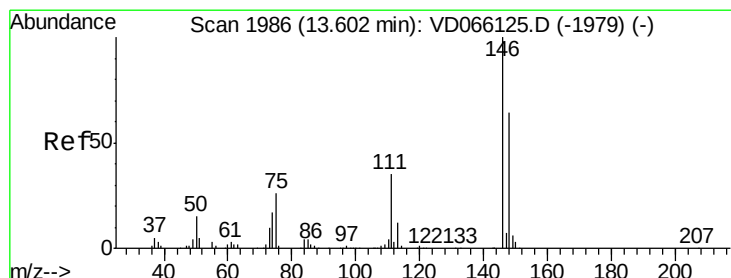
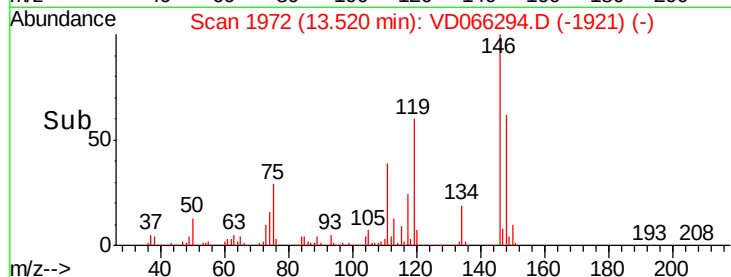
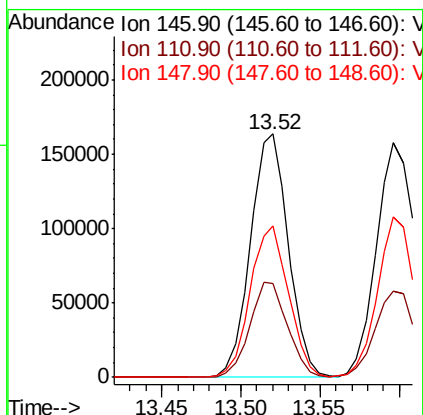
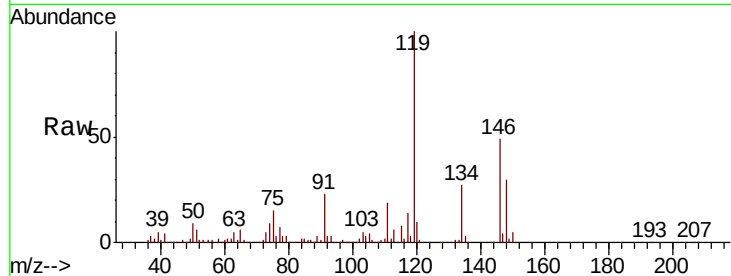




#87
 1,3-Dichlorobenzene
 Concen: 51.358 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

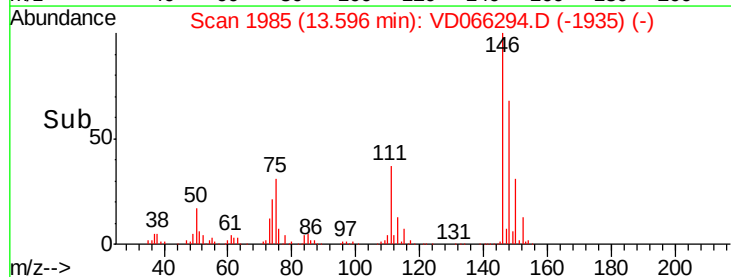
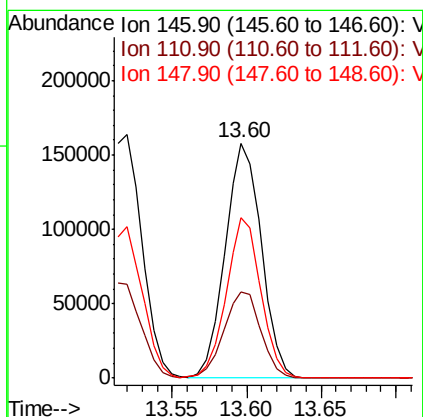
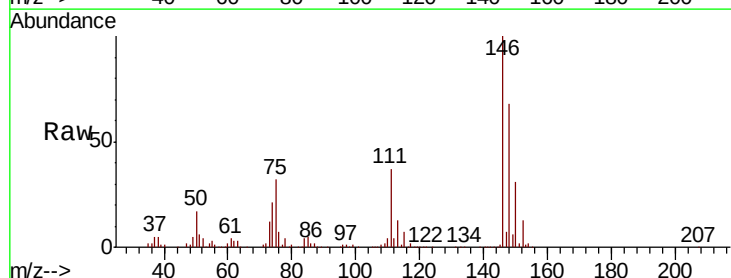
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

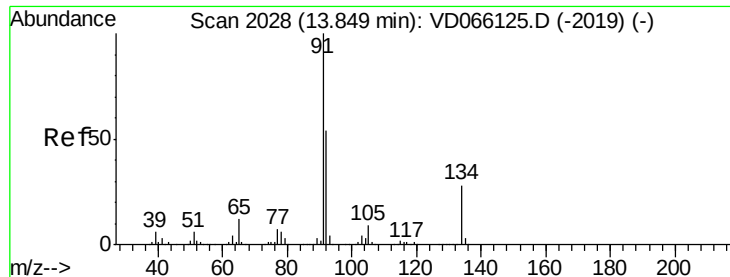
Tot Ion:146 Resp: 271514
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 62.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.708 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion:146 Resp: 267351
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 65.3 32.4 97.0

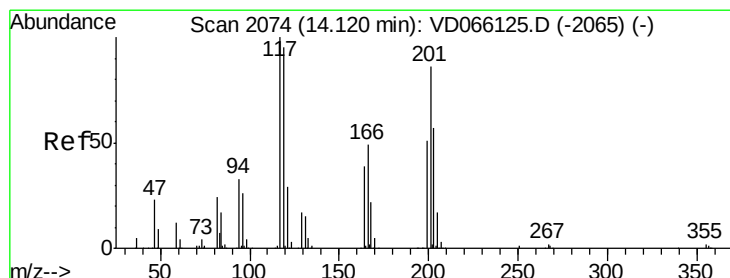
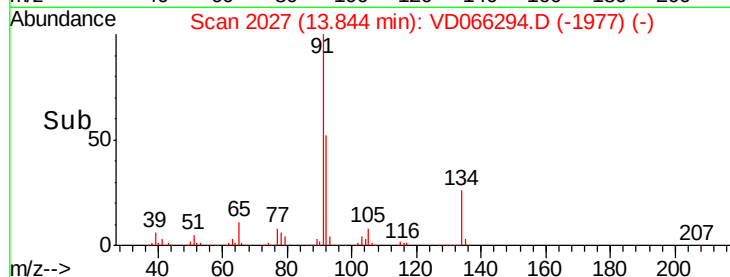
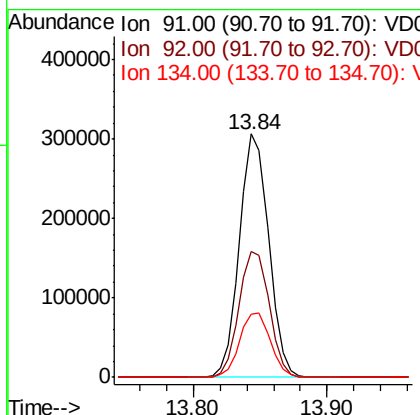
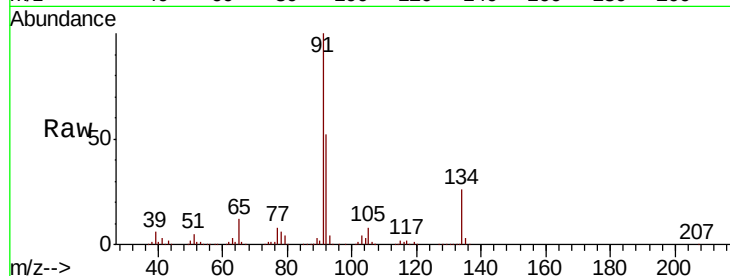




#89
n-Butylbenzene
Concen: 51.084 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

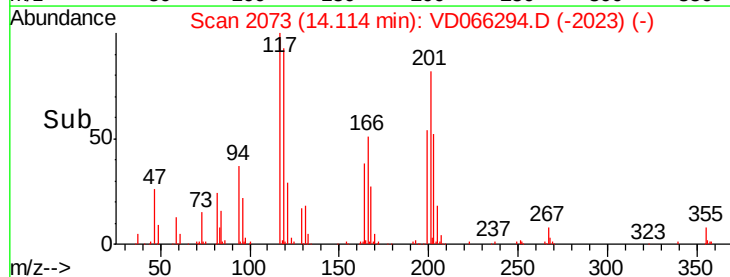
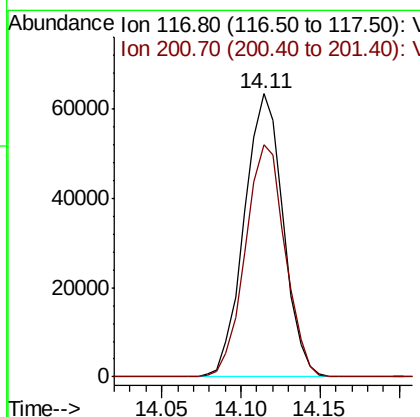
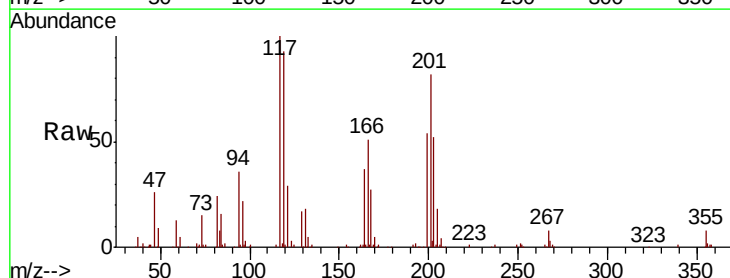
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

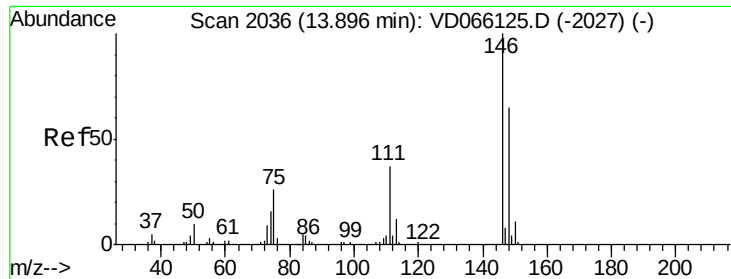
Tot Ion: 91 Resp: 465797
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 27.6 14.0 41.9



#90
Hexachloroethane
Concen: 53.274 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion: 117 Resp: 108132
Ion Ratio Lower Upper
117 100
201 84.0 42.7 128.1

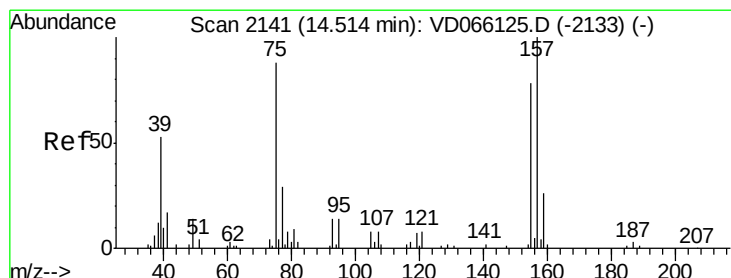
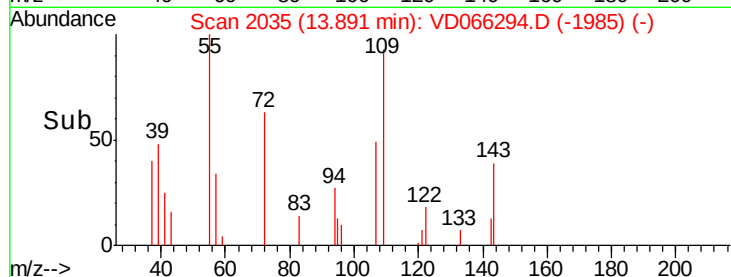
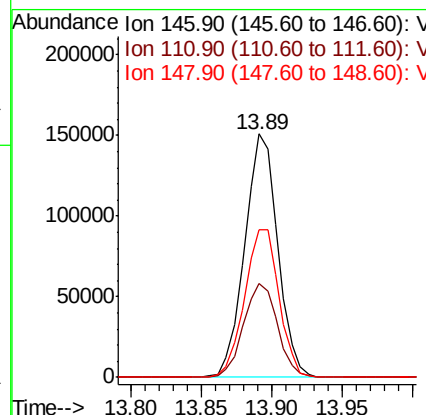
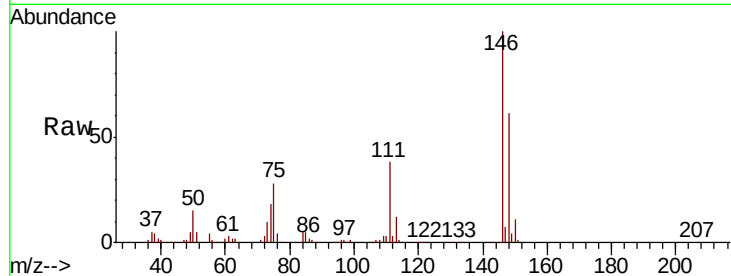




#91
 1,2-Dichlorobenzene
 Concen: 52.919 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

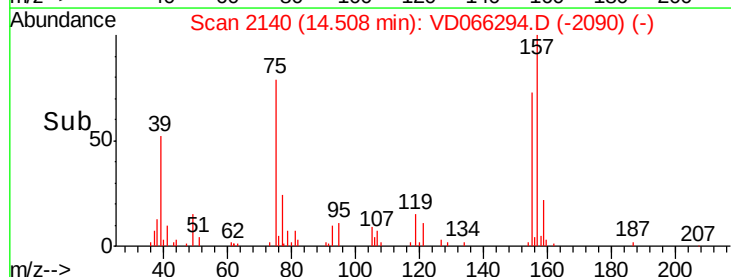
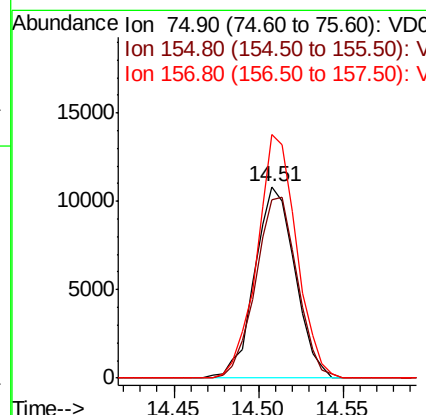
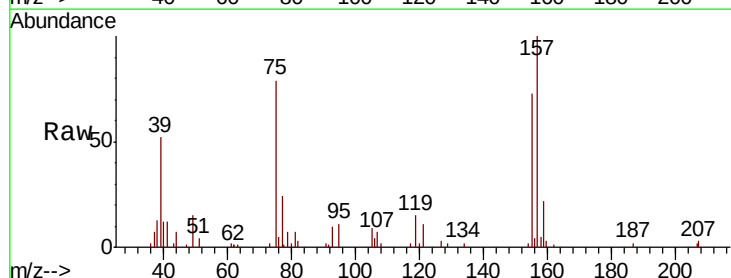
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

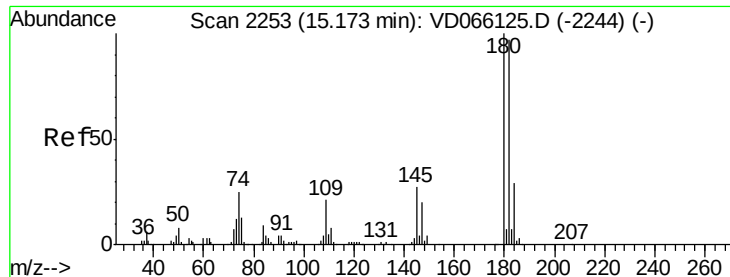
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	63.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.845 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	47.7	143.1
157	124.6	62.1	186.2

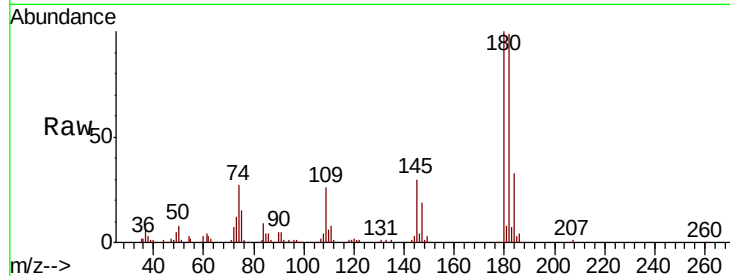




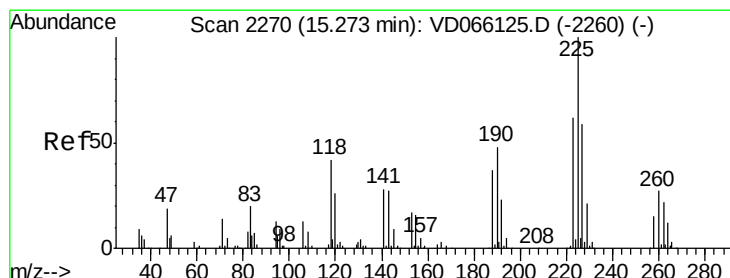
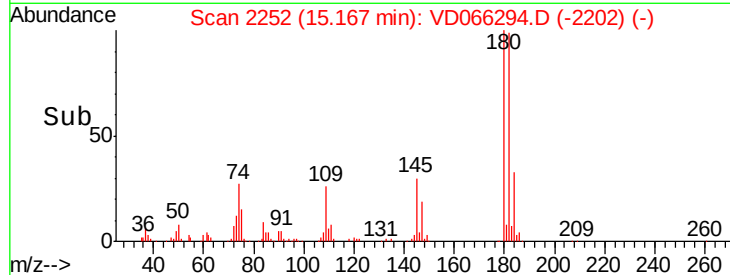
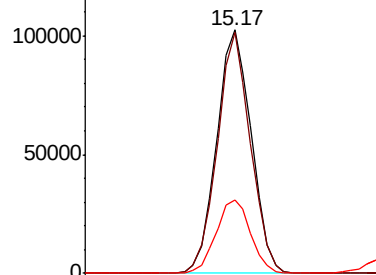
#93
 1,2,4-Trichlorobenzene
 Concen: 51.064 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 175944
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 30.2 14.5 43.6

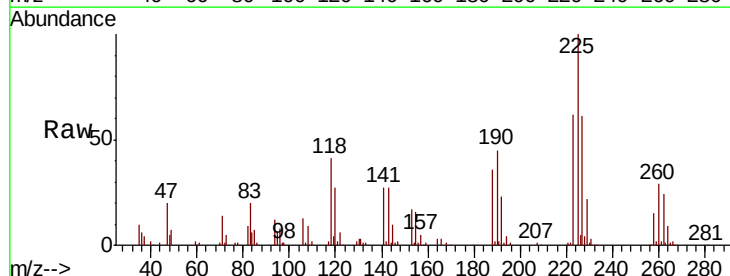


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

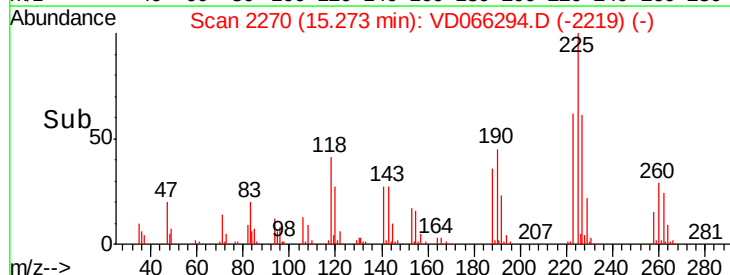
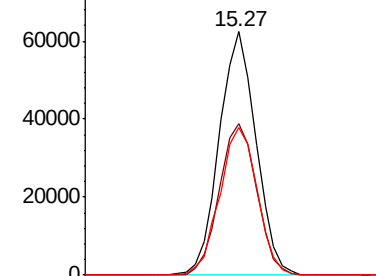


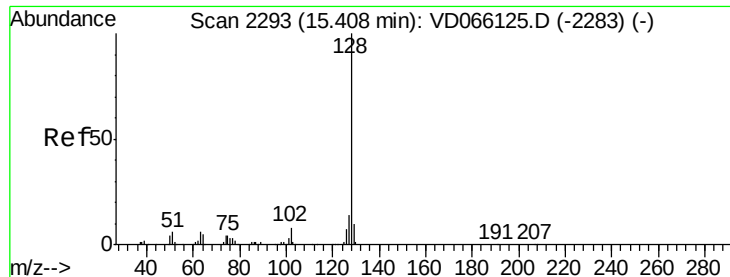
#94
 Hexachlorobutadiene
 Concen: 52.286 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066294.D
 Acq: 18 Aug 2020 23:30

Tgt Ion:225 Resp: 106085
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.3 96.9
 227 62.0 32.1 96.5



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

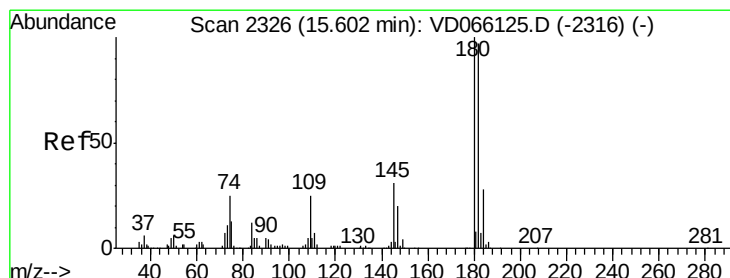
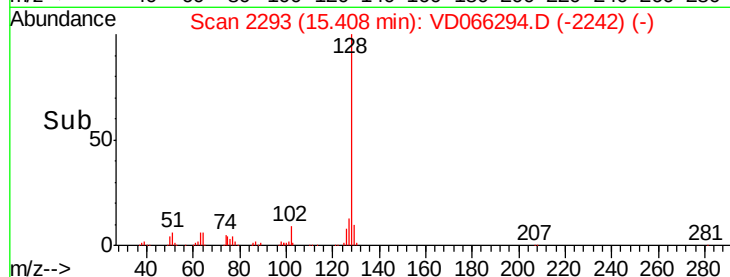
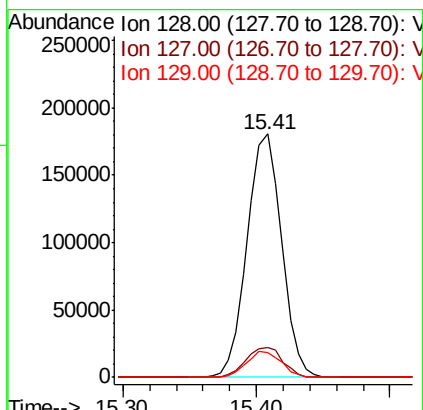
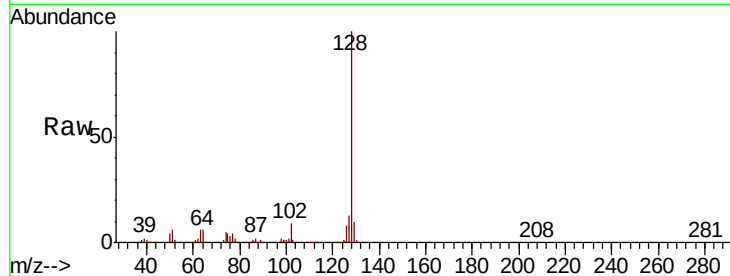




#95
Naphthalene
Concen: 57.594 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 323341
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.079 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066294.D
Acq: 18 Aug 2020 23:30

Tgt Ion:180 Resp: 161447
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.4
145 32.7 14.9 44.9

