

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066269.D
 Acq On : 17 Aug 2020 20:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 07:54:48 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	252504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	372409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	130801	58.06	ug/l	0.00
Spiked Amount			Recovery	=	116.12%	
35) Dibromofluoromethane	7.91	113	132869	56.32	ug/l	0.00
Spiked Amount			Recovery	=	112.64%	
50) Toluene-d8	10.33	98	477756	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.63	95	176021	56.09	ug/l	0.00
Spiked Amount			Recovery	=	112.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	90606	40.728	ug/l	99
3) Chloromethane	2.20	50	71419	41.270	ug/l	95
4) Vinyl Chloride	2.34	62	71078	46.393	ug/l	98
5) Bromomethane	2.76	94	50869	50.045	ug/l	97
6) Chloroethane	2.91	64	45961	48.871	ug/l	90
7) Trichlorofluoromethane	3.27	101	191624	47.975	ug/l	99
8) Diethyl Ether	3.70	74	55913	49.610	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	111144	46.887	ug/l	97
10) Methyl Iodide	4.30	142	105652	49.096	ug/l	97
11) Tert butyl alcohol	5.21	59	39132	229.521	ug/l	95
12) 1,1-Dichloroethene	4.06	96	103254	46.174	ug/l	93
13) Acrolein	3.93	56	33709	187.991	ug/l	98
14) Allyl chloride	4.71	41	159574	47.103	ug/l	95
15) Acrylonitrile	5.42	53	128088	269.701	ug/l	99
16) Acetone	4.16	43	100851	235.944	ug/l	99
17) Carbon Disulfide	4.40	76	295382	41.544	ug/l	99
18) Methyl Acetate	4.71	43	54549	50.243	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	274555	53.566	ug/l	99
20) Methylene Chloride	4.96	84	138733	57.187	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	121862	47.438	ug/l	95
22) Diisopropyl ether	6.36	45	338872	50.582	ug/l	97
23) Vinyl Acetate	6.30	43	1016666	259.037	ug/l	100
24) 1,1-Dichloroethane	6.26	63	209568	50.547	ug/l	97
25) 2-Butanone	7.21	43	154927	246.432	ug/l	98
26) 2,2-Dichloropropane	7.21	77	180011	48.443	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139663	51.834	ug/l	99
28) Bromochloromethane	7.54	49	79260	54.430	ug/l	96
29) Tetrahydrofuran	7.56	42	99838	256.318	ug/l	98
30) Chloroform	7.70	83	229846	52.796	ug/l	98
31) Cyclohexane	7.98	56	170170	43.118	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	212360	52.025	ug/l	99
36) 1,1-Dichloropropene	8.11	75	167839	47.961	ug/l	99
37) Ethyl Acetate	7.29	43	70963	51.179	ug/l	98
38) Carbon Tetrachloride	8.08	117	199775	51.191	ug/l	95

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

39) Methylcyclohexane	9.35	83	197383	46.659	ug/l	100
40) Benzene	8.34	78	479320	49.374	ug/l	98
41) Methacrylonitrile	7.56	41	101652	124.688	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	149605	52.458	ug/l	100
43) Isopropyl Acetate	8.44	43	143144	52.397	ug/l	97
44) Trichloroethene	9.11	130	147608	50.458	ug/l	98
45) 1,2-Dichloropropane	9.38	63	119115	50.168	ug/l	92
46) Dibromomethane	9.47	93	69260	52.958	ug/l	100
47) Bromodichloromethane	9.66	83	182299	52.740	ug/l	96
48) Methyl methacrylate	9.45	41	66833	47.910	ug/l #	83
49) 1,4-Dioxane	9.46	88	15786	939.515	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	363593	259.103	ug/l	99
52) Toluene	10.40	92	322090	50.421	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	169442	51.654	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	195898	50.971	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	95464	50.692	ug/l	95
56) Ethyl methacrylate	10.66	69	121576	53.740	ug/l	97
57) 1,3-Dichloropropane	10.94	76	160599	51.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	280518	275.665	ug/l	99
59) 2-Hexanone	10.98	43	249681	253.524	ug/l	98
60) Dibromochloromethane	11.14	129	135752	52.214	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96245	53.142	ug/l	100
64) Tetrachloroethene	10.87	164	128444	47.965	ug/l	97
65) Chlorobenzene	11.67	112	351881	49.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	141819	51.200	ug/l	97
67) Ethyl Benzene	11.74	91	629952	51.350	ug/l	99
68) m/p-Xylenes	11.85	106	477602	100.484	ug/l	97
69) o-Xylene	12.18	106	219121	50.679	ug/l	98
70) Styrene	12.19	104	395459	52.189	ug/l	99
71) Bromoform	12.36	173	85613	52.168	ug/l #	97
73) Isopropylbenzene	12.48	105	620668	49.991	ug/l	99
74) N-amyl acetate	12.29	43	137215	50.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	103307	48.797	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	140485	90.573	ug/l #	100
77) Bromobenzene	12.76	156	160647	50.264	ug/l	98
78) n-propylbenzene	12.82	91	711214	49.279	ug/l	100
79) 2-Chlorotoluene	12.91	91	404902	49.053	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	522624	50.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	34370	48.983	ug/l	97
82) 4-Chlorotoluene	13.01	91	424644	48.733	ug/l	99
83) tert-Butylbenzene	13.23	119	450659	49.352	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	520412	50.081	ug/l	99
85) sec-Butylbenzene	13.40	105	616891	50.037	ug/l	99
86) p-Isopropyltoluene	13.52	119	582598	50.384	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	294858	49.087	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	289538	48.333	ug/l	99
89) n-Butylbenzene	13.84	91	517281	49.930	ug/l	100
90) Hexachloroethane	14.11	117	112342	48.713	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	267113	50.282	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18618	51.168	ug/l	97

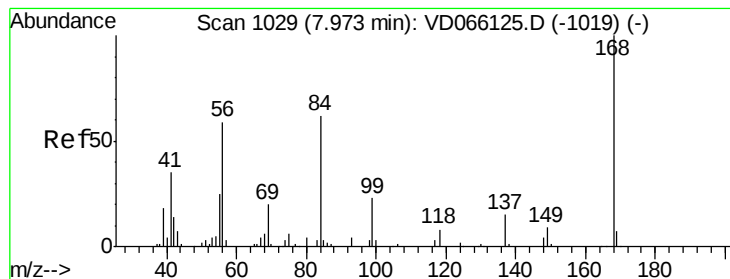
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	191983	49.040	ug/l	99
94) Hexachlorobutadiene	15.27	225	112776	48.920	ug/l	99
95) Naphthalene	15.41	128	334559	52.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	173746	50.275	ug/l	99

(#) = 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: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

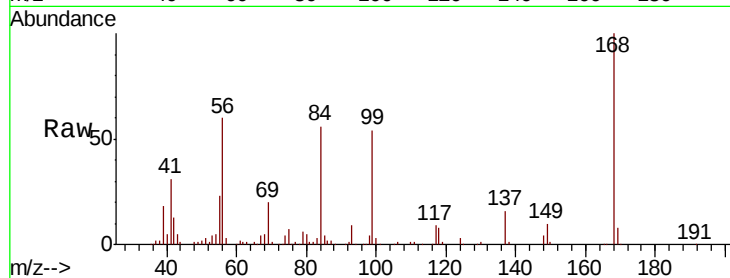
VSTDCCC050EC

Tot Ion:168 Resp: 252504

Ion Ratio Lower Upper

168 100

99 53.9 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

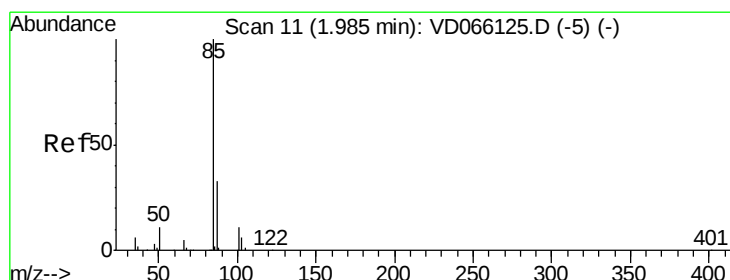
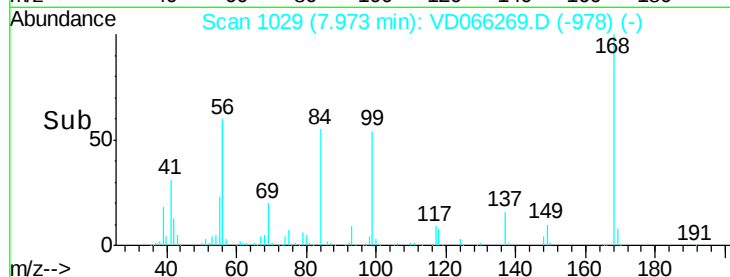
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.728 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066269.D

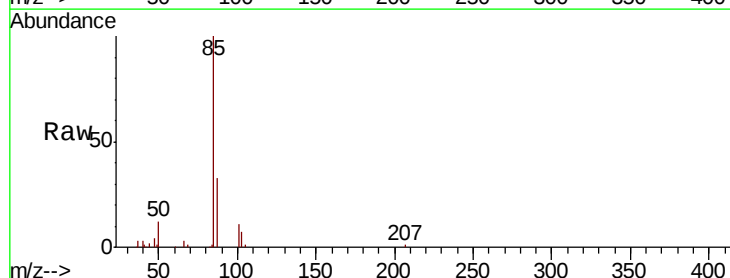
Acq: 17 Aug 2020 20:27

Tgt Ion: 85 Resp: 90606

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

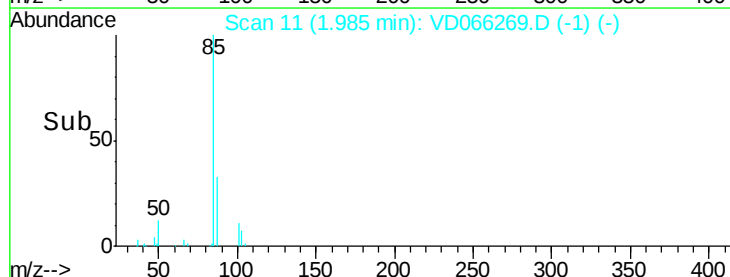
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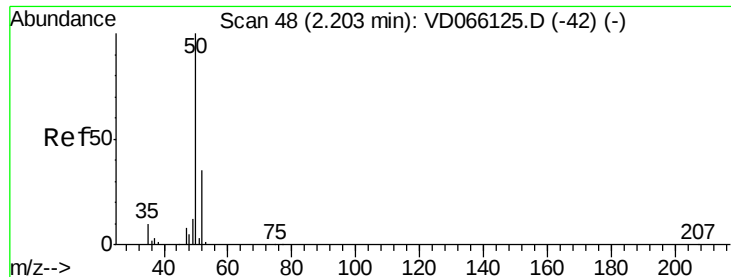
40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.270 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

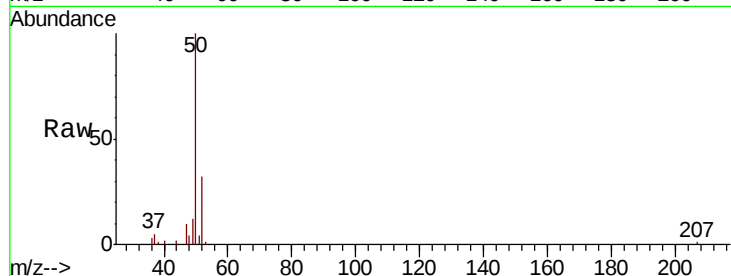
VSTDCCC050EC

Tot Ion: 50 Resp: 71419

Ion Ratio Lower Upper

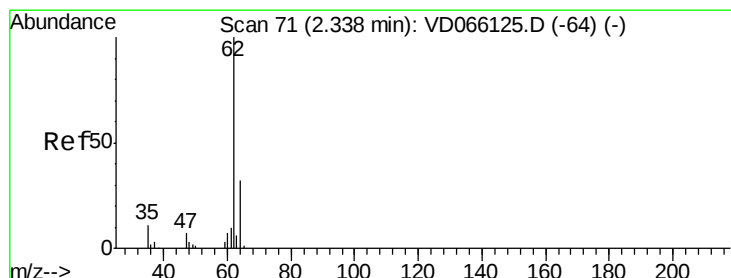
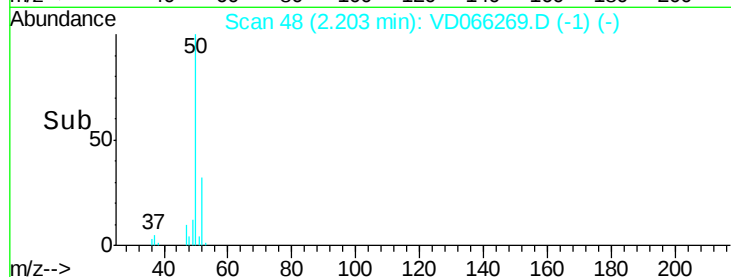
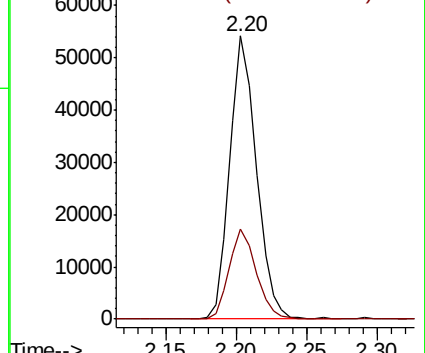
50 100

52 32.0 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: 46.393 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066269.D

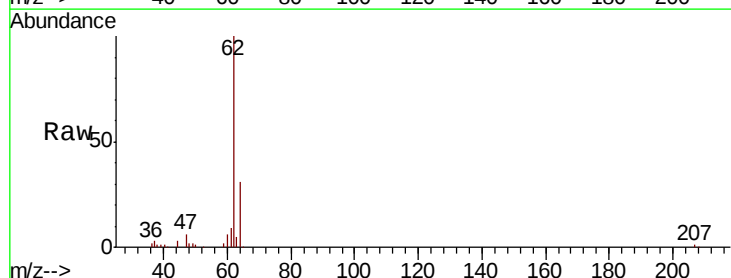
Acq: 17 Aug 2020 20:27

Tgt Ion: 62 Resp: 71078

Ion Ratio Lower Upper

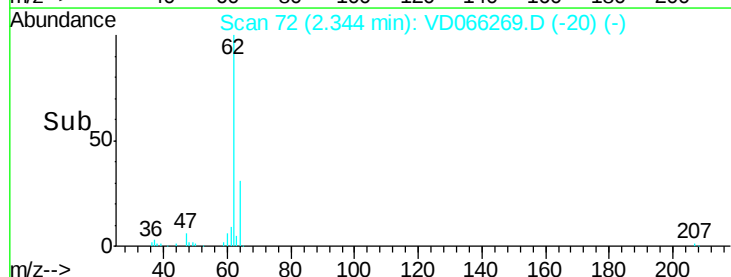
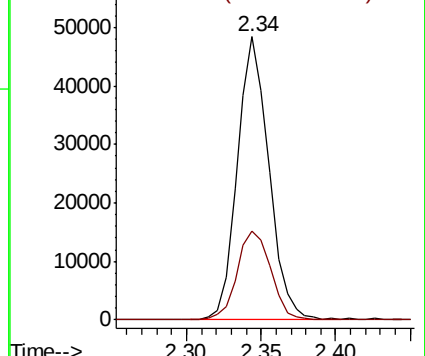
62 100

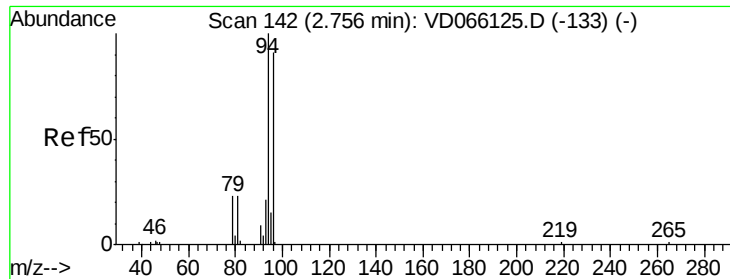
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.045 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

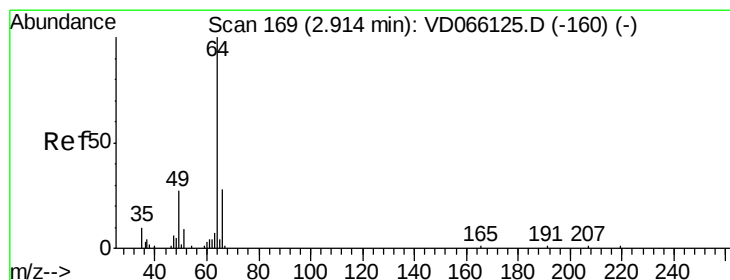
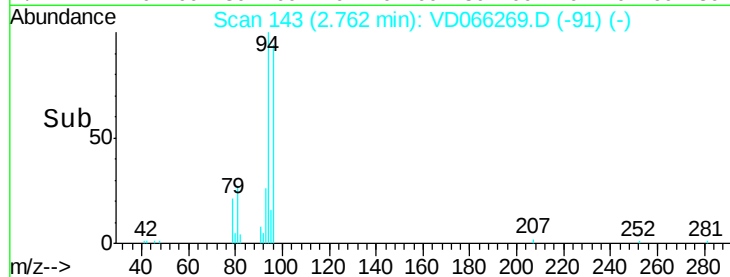
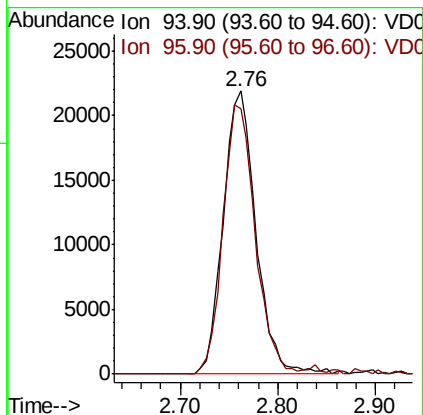
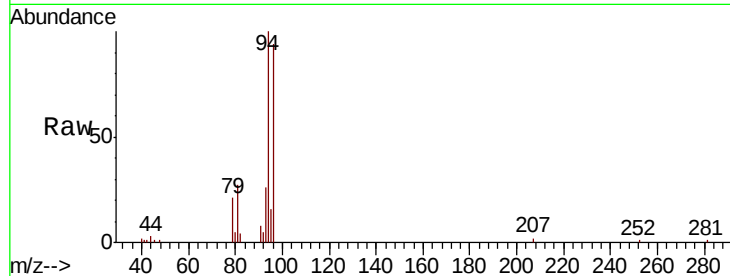
VSTDCCC050EC

Tot Ion: 94 Resp: 50869

Ion Ratio Lower Upper

94 100

96 94.0 72.6 109.0



#6

Chloroethane

Concen: 48.871 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066269.D

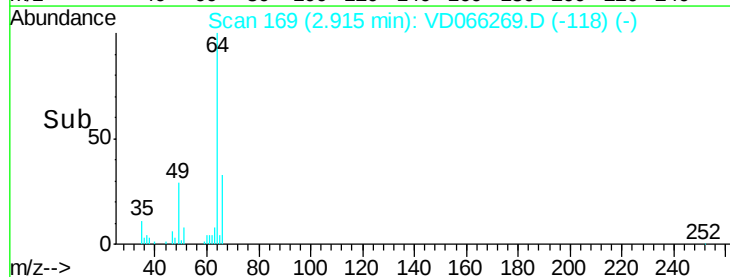
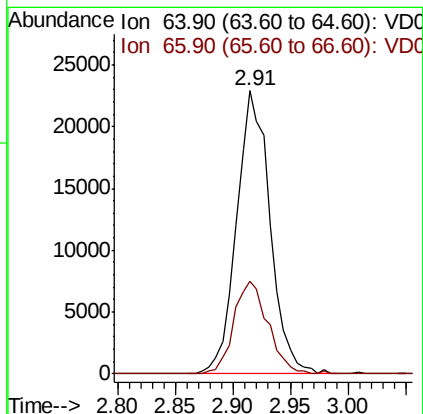
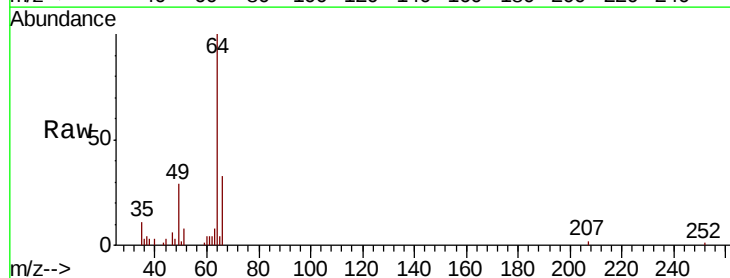
Acq: 17 Aug 2020 20:27

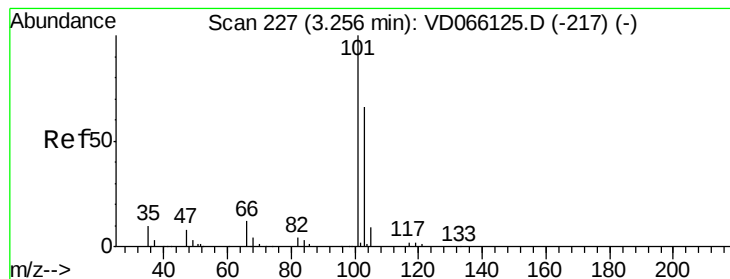
Tgt Ion: 64 Resp: 45961

Ion Ratio Lower Upper

64 100

66 32.6 22.0 33.0



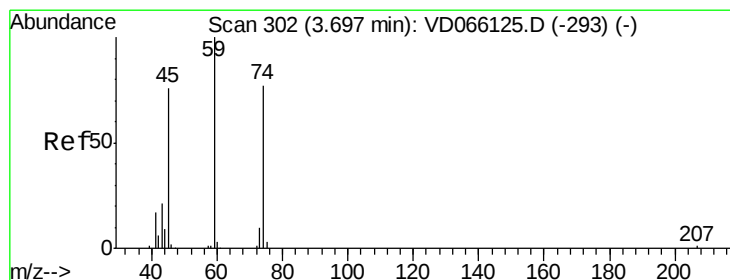
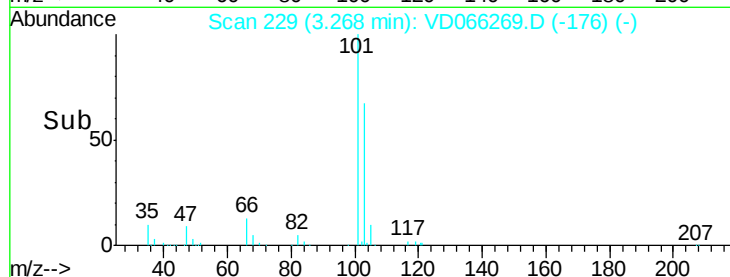
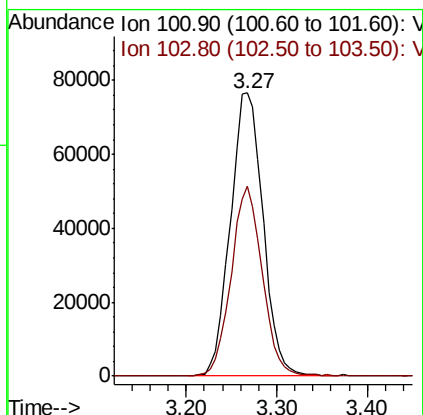
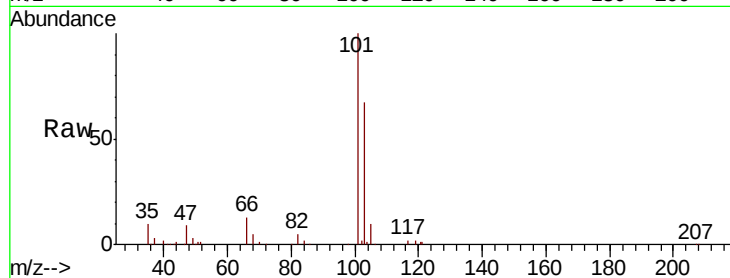


#7

Trichlorofluoromethane
Concen: 47.975 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

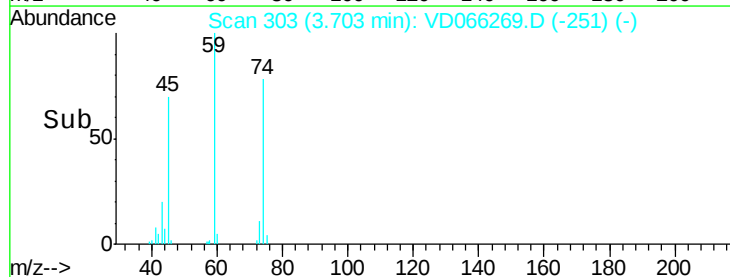
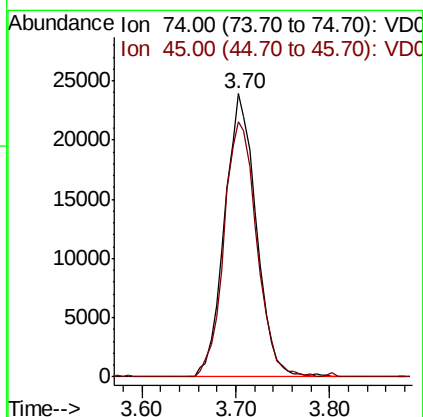
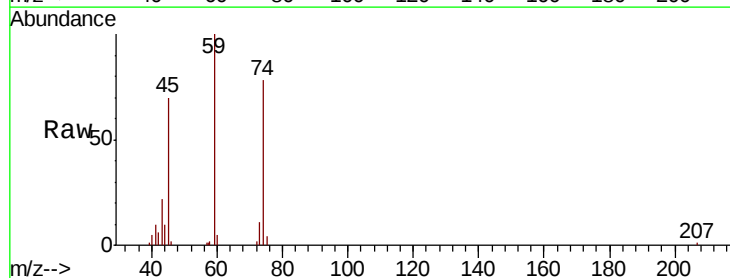
Tot Ion:101 Resp: 191624
Ion Ratio Lower Upper
101 100
103 66.9 53.0 79.6

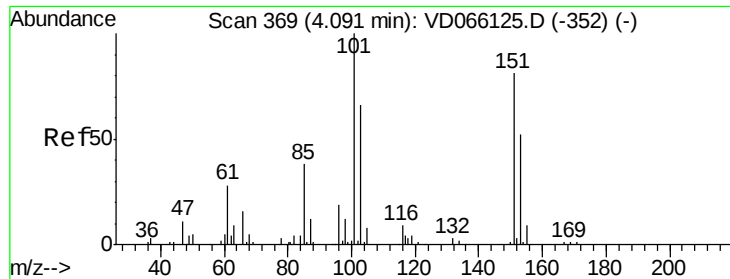


#8

Diethyl Ether
Concen: 49.610 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 74 Resp: 55913
Ion Ratio Lower Upper
74 100
45 93.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.887 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

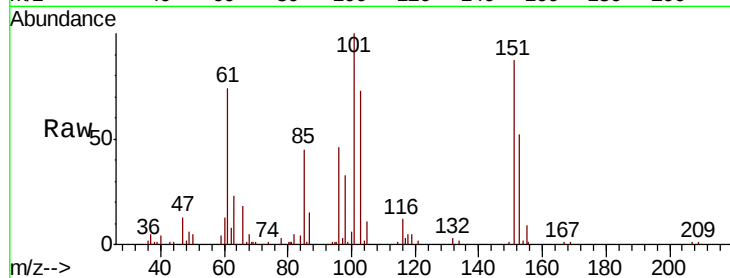
Tot Ion:101 Resp: 111144

Ion Ratio Lower Upper

101 100

85 44.4 33.5 50.3

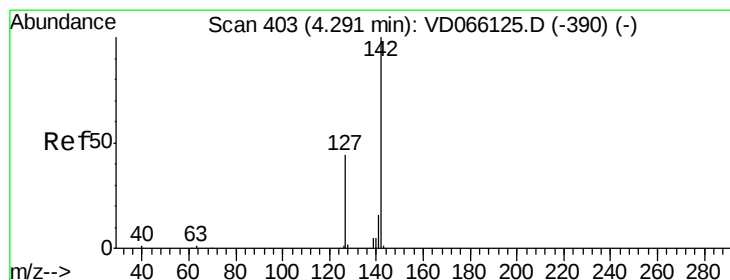
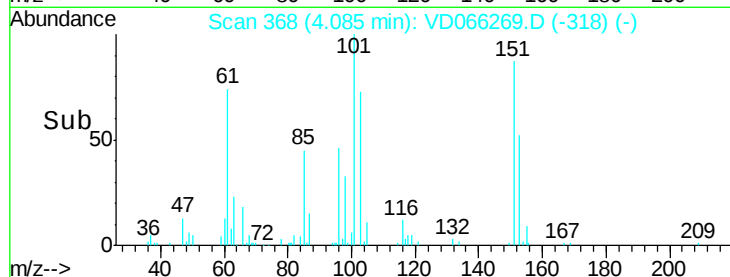
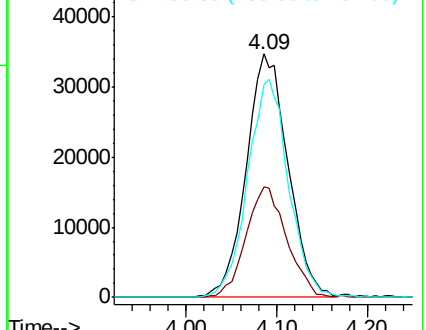
151 87.8 67.8 101.8



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: 49.096 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

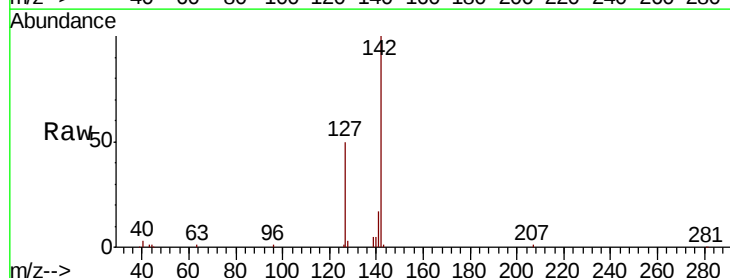
Tgt Ion:142 Resp: 105652

Ion Ratio Lower Upper

142 100

127 47.9 36.2 54.4

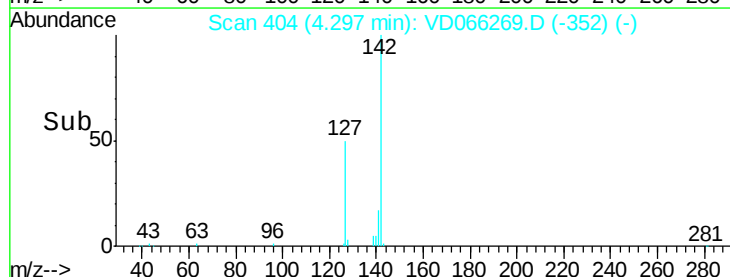
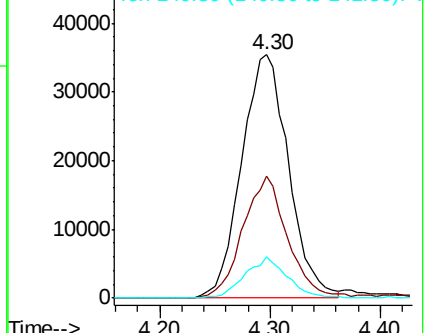
141 15.3 12.6 18.8

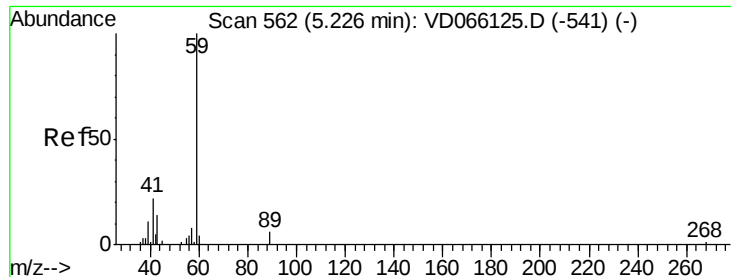


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

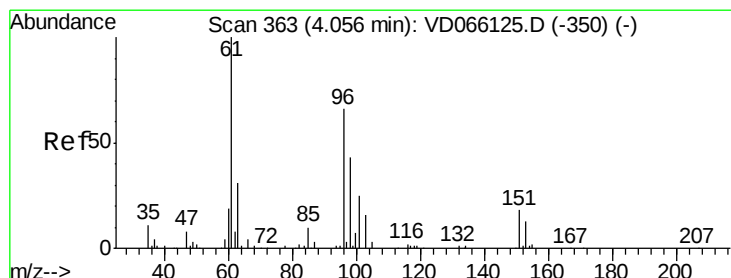
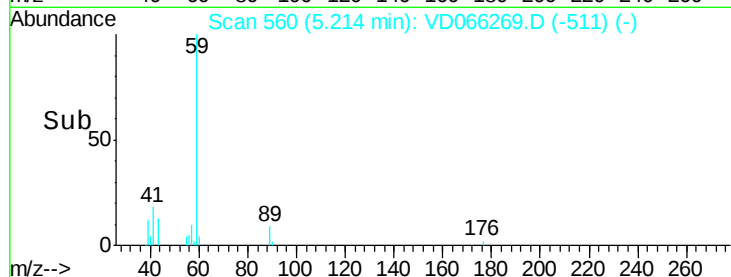
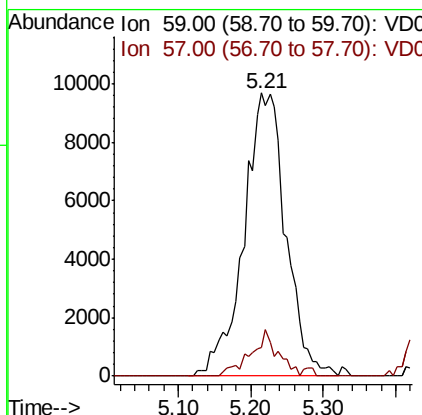
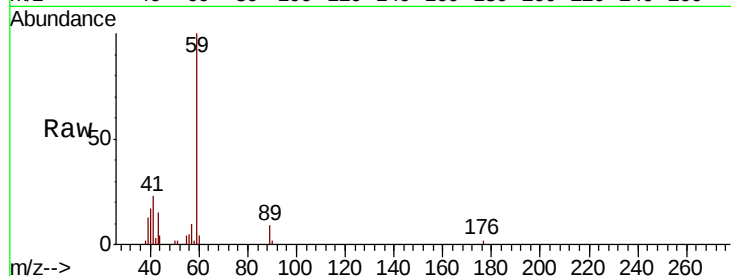




#11
Tert butyl alcohol
Concen: 229.521 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

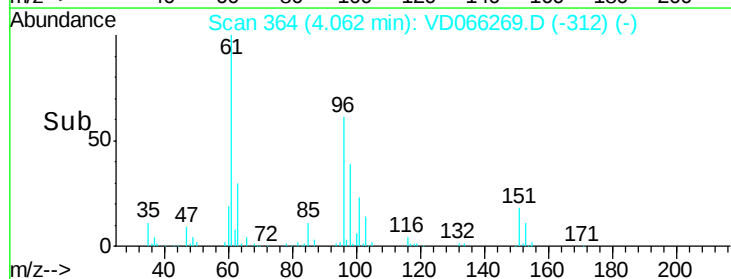
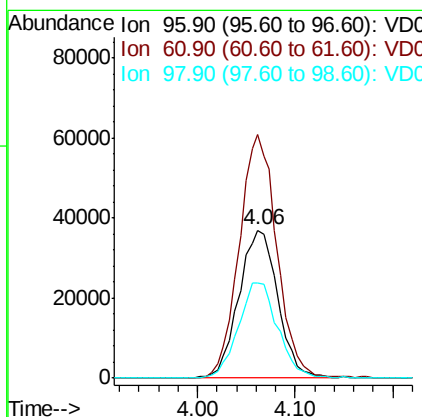
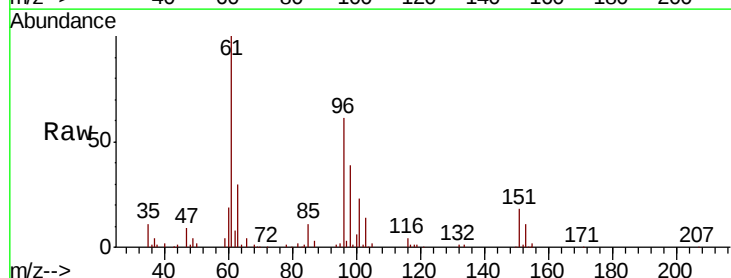
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

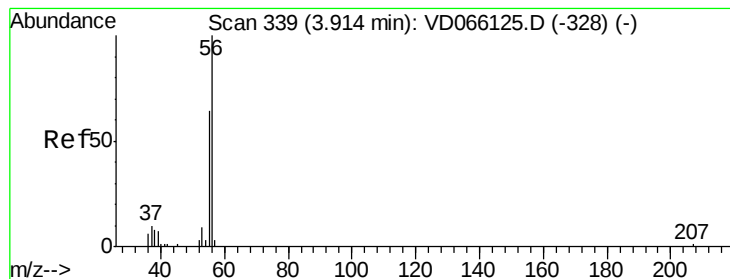
Tot Ion: 59 Resp: 39132
Ion Ratio Lower Upper
59 100
57 10.4 7.0 10.4



#12
1,1-Dichloroethene
Concen: 46.174 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 96 Resp: 103254
Ion Ratio Lower Upper
96 100
61 164.9 121.6 182.4
98 64.7 52.0 78.0





#13

Acrolein

Concen: 187.991 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

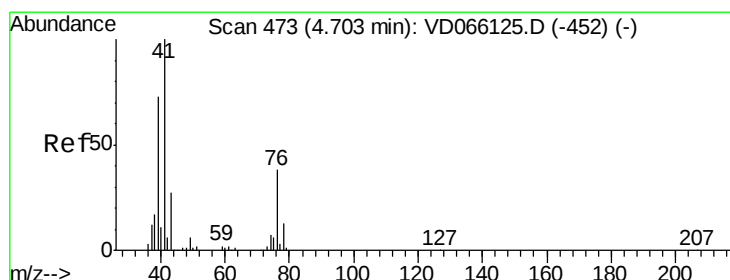
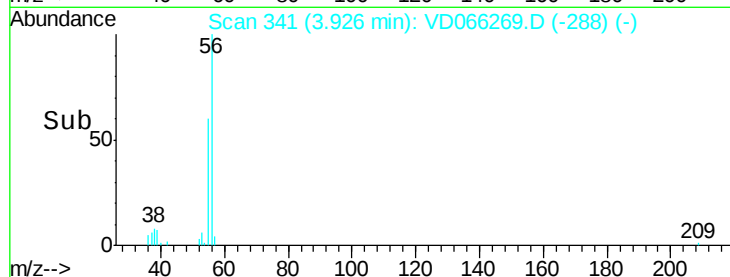
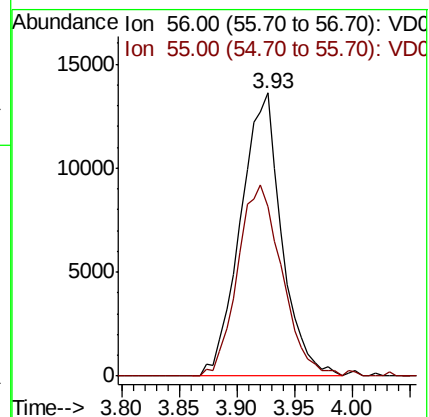
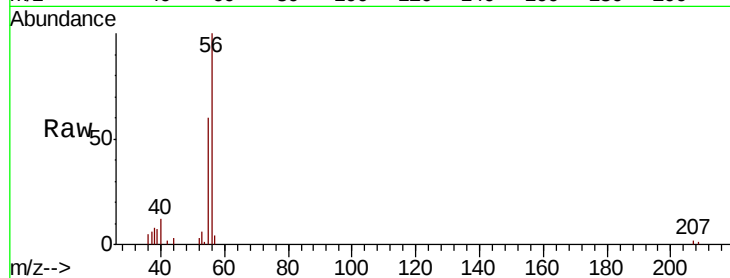
VSTDCCC050EC

Tot Ion: 56 Resp: 33709

Ion Ratio Lower Upper

56 100

55 72.5 56.7 85.1



#14

Allyl chloride

Concen: 47.103 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

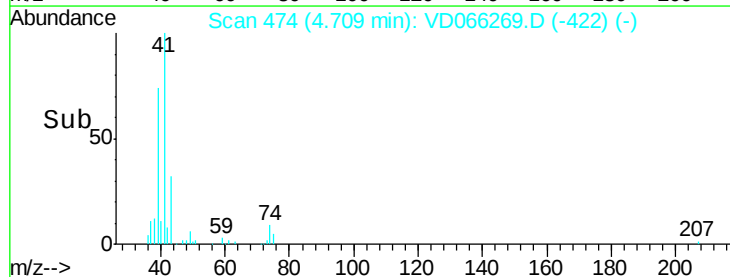
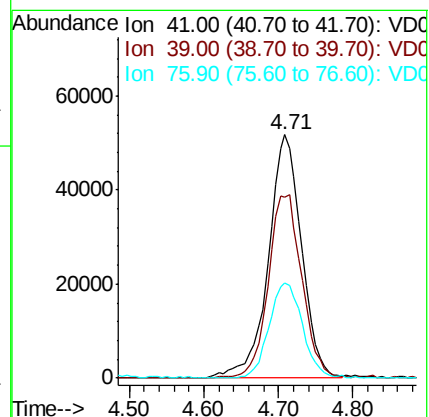
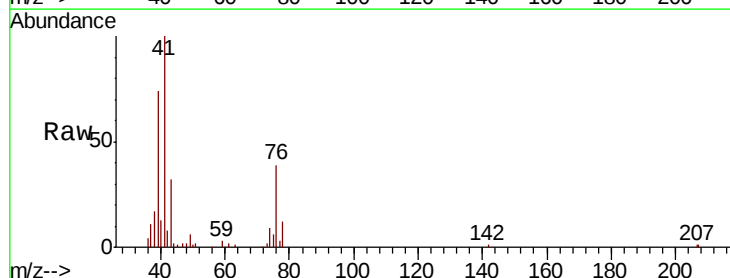
Tgt Ion: 41 Resp: 159574

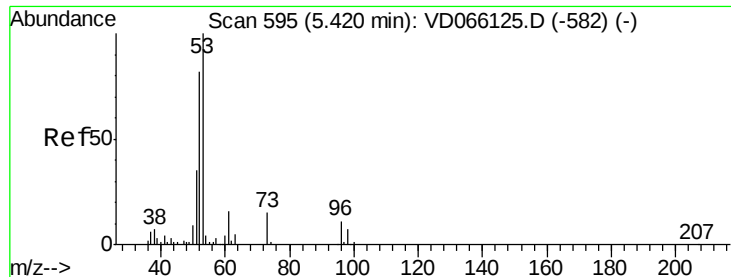
Ion Ratio Lower Upper

41 100

39 76.6 57.4 86.0

76 39.5 30.1 45.1





#15

Acrylonitrile

Concen: 269.701 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

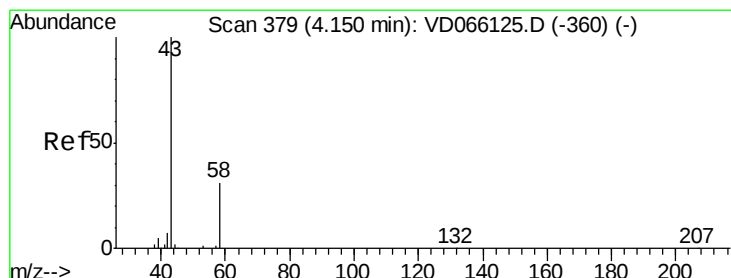
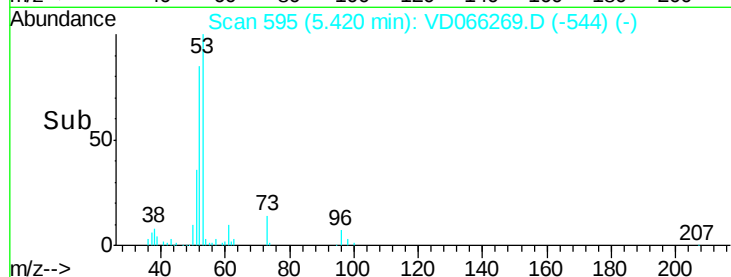
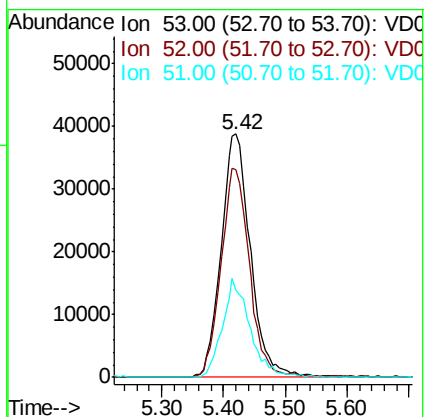
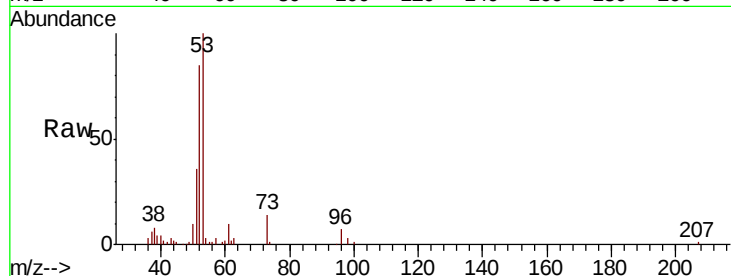
Tot Ion: 53 Resp: 128088

Ion Ratio Lower Upper

53 100

52 83.4 66.1 99.1

51 38.0 30.8 46.2



#16

Acetone

Concen: 235.944 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066269.D

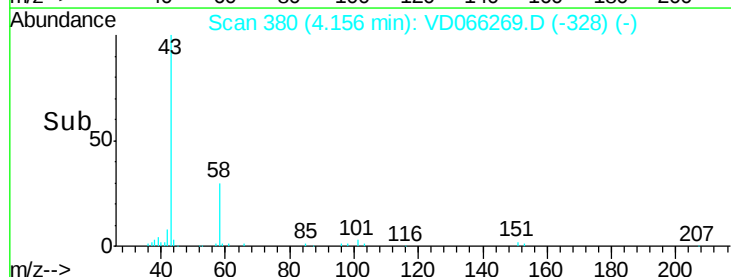
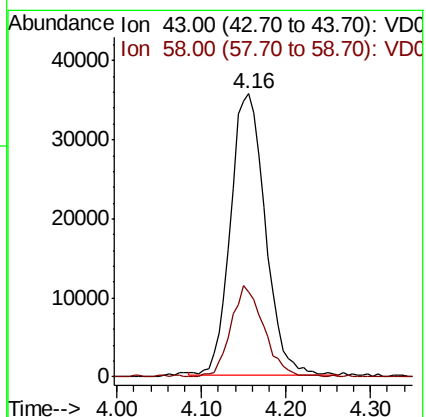
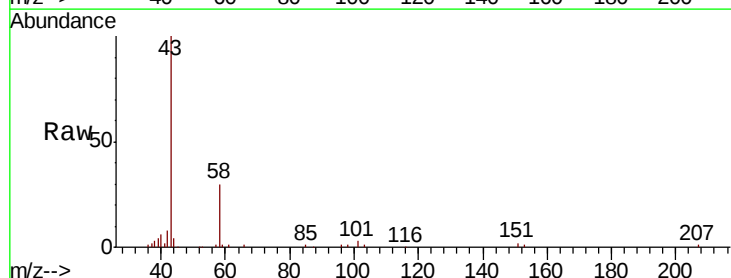
Acq: 17 Aug 2020 20:27

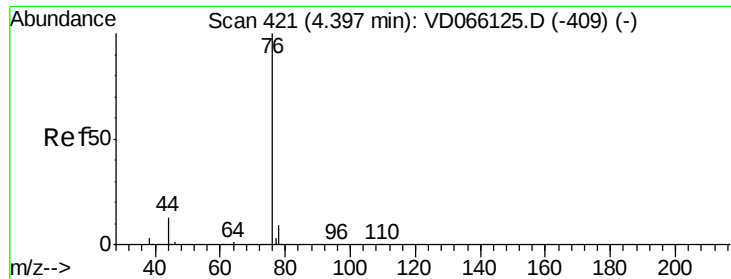
Tgt Ion: 43 Resp: 100851

Ion Ratio Lower Upper

43 100

58 30.2 24.7 37.1

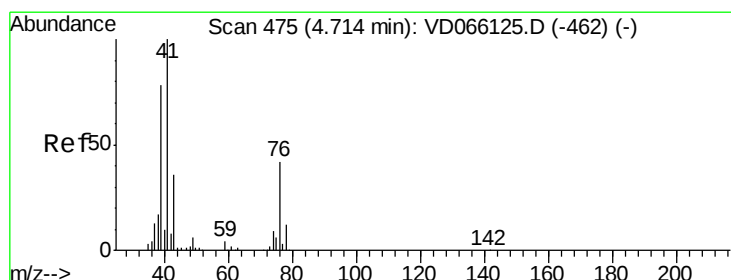
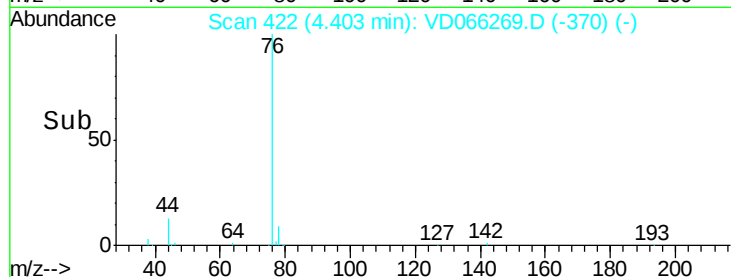
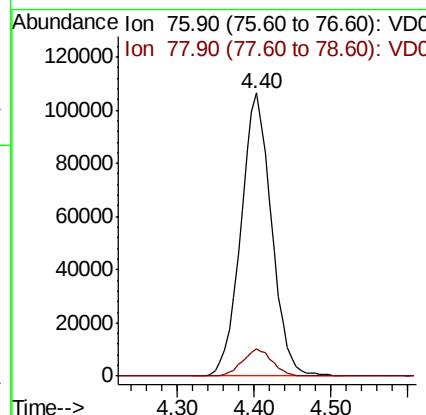
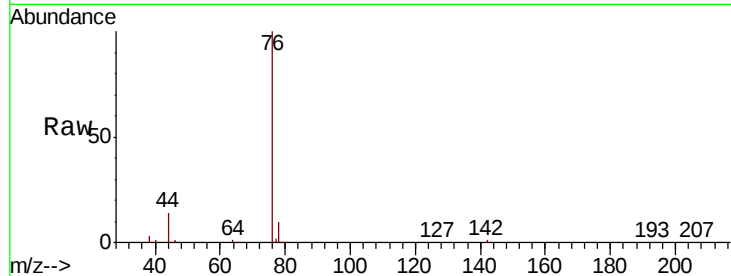




#17
Carbon Disulfide
Concen: 41.544 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

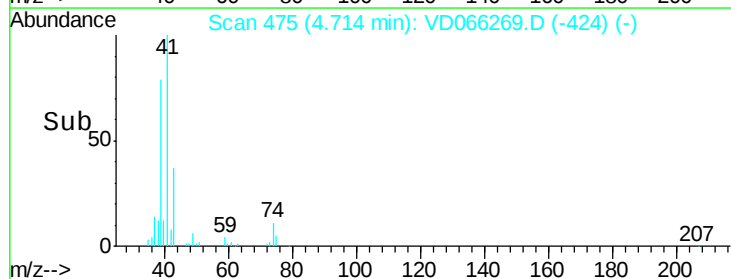
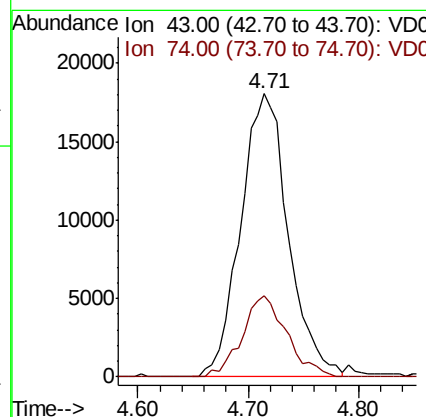
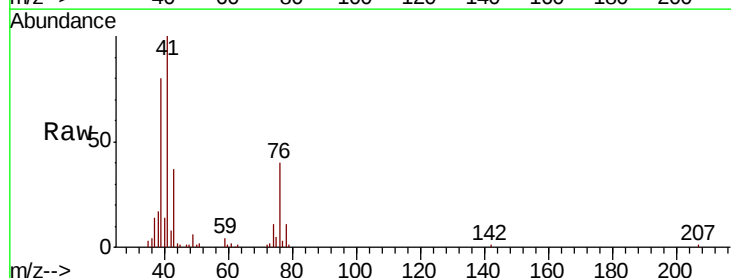
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

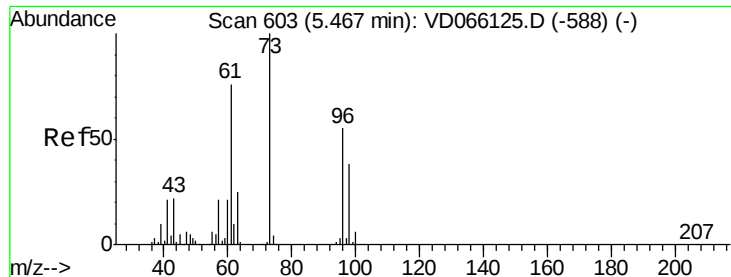
Tot Ion: 76 Resp: 295382
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 50.243 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 43 Resp: 54549
Ion Ratio Lower Upper
43 100
74 26.7 21.2 31.8

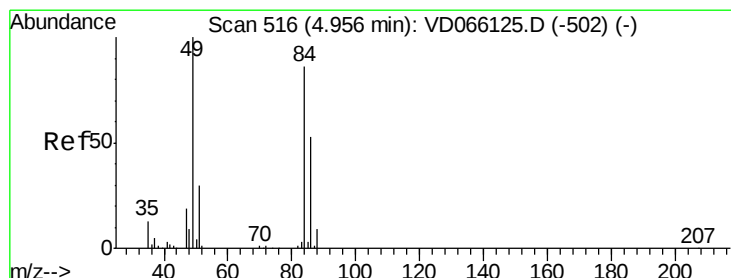
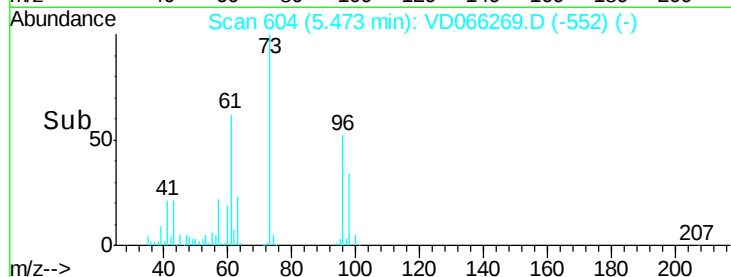
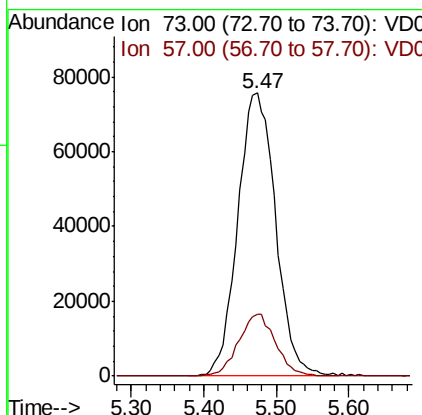
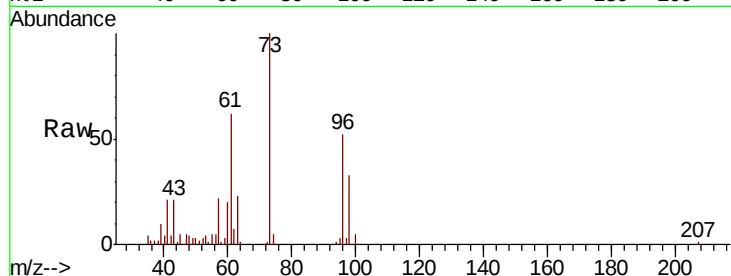




#19
Methyl tert-butyl Ether
Concen: 53.566 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

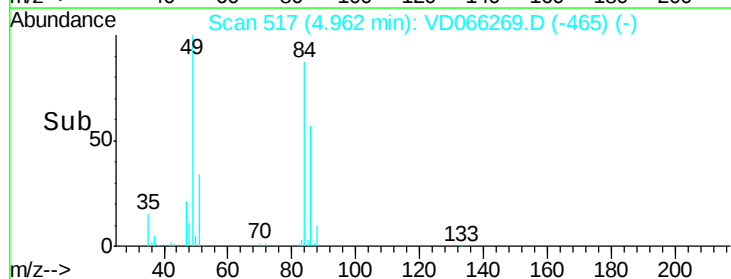
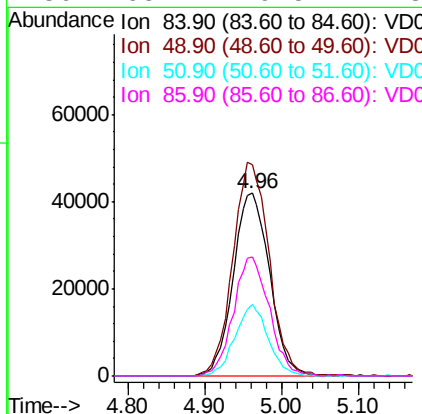
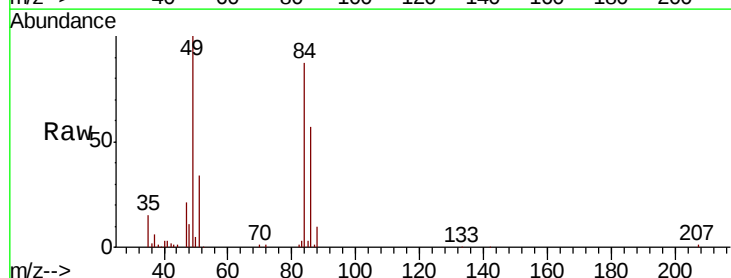
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

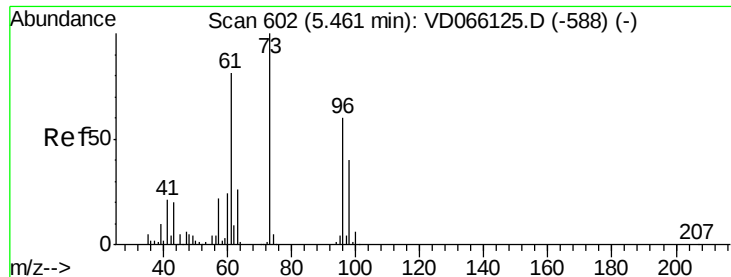
Tot Ion: 73 Resp: 274555
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 57.187 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 84 Resp: 138733
Ion Ratio Lower Upper
84 100
49 115.3 93.5 140.3
51 38.9 28.2 42.4
86 65.4 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.438 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

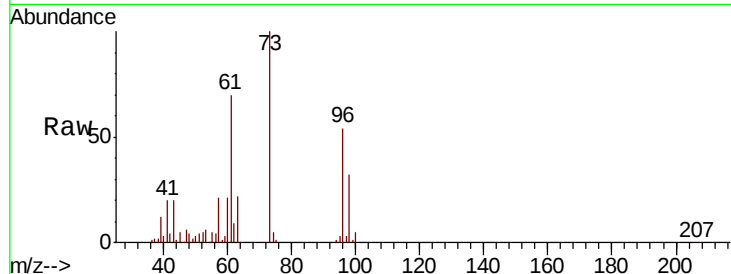
Tot Ion: 96 Resp: 121862

Ion Ratio Lower Upper

96 100

61 131.0 106.9 160.3

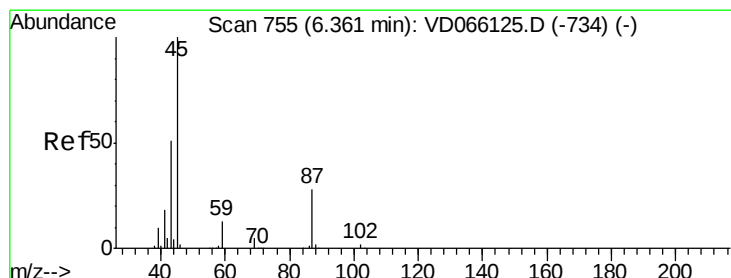
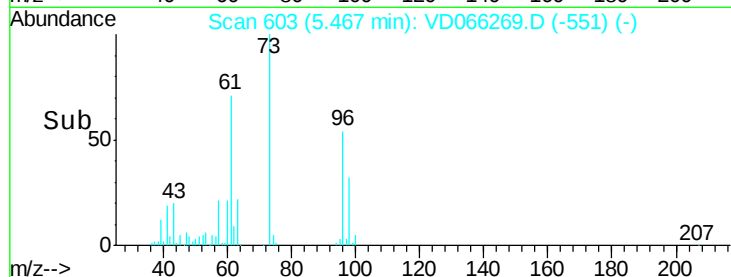
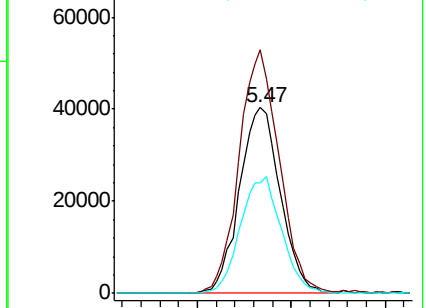
98 59.4 53.4 80.0



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: 50.582 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion: 45 Resp: 338872

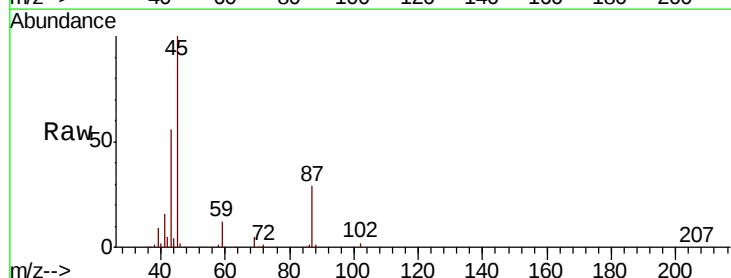
Ion Ratio Lower Upper

45 100

43 55.3 41.2 61.8

87 28.4 22.8 34.2

59 12.1 10.2 15.2

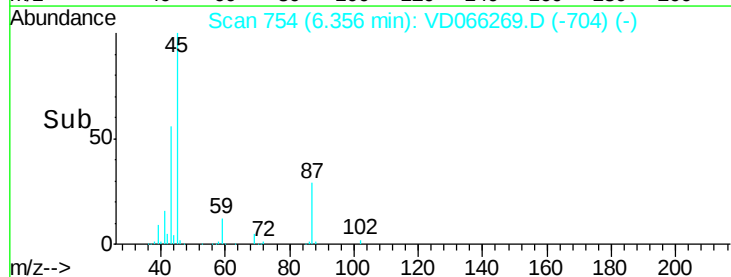
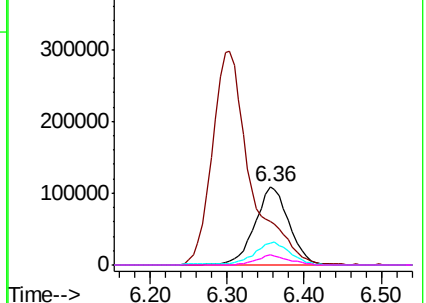


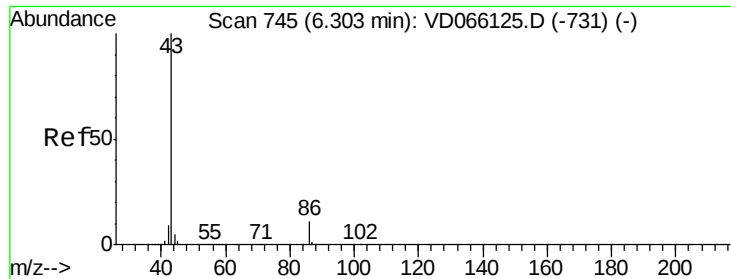
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 259.037 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

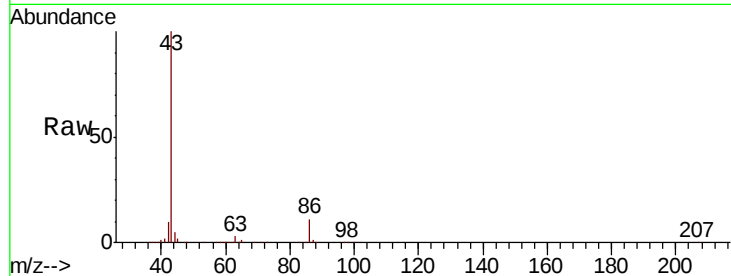
VSTDCCC050EC

Tot Ion: 43 Resp: 1016666

Ion Ratio Lower Upper

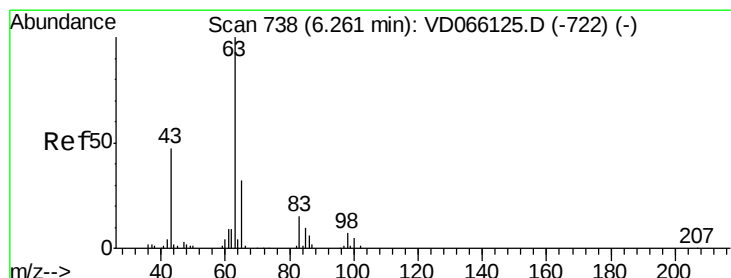
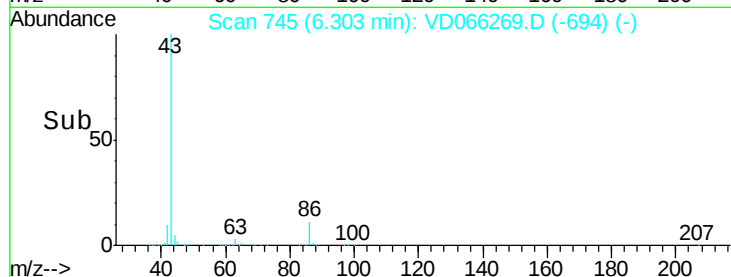
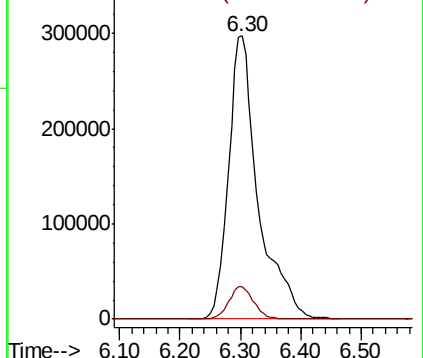
43 100

86 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

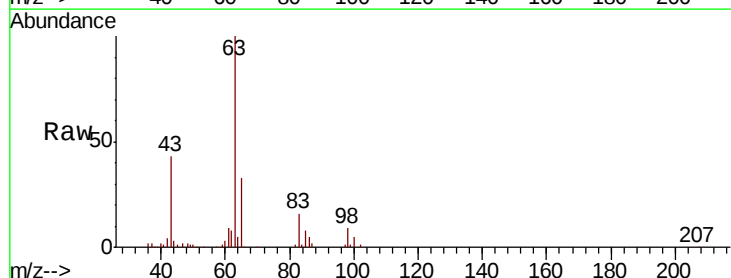
Tgt Ion: 63 Resp: 209568

Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.5

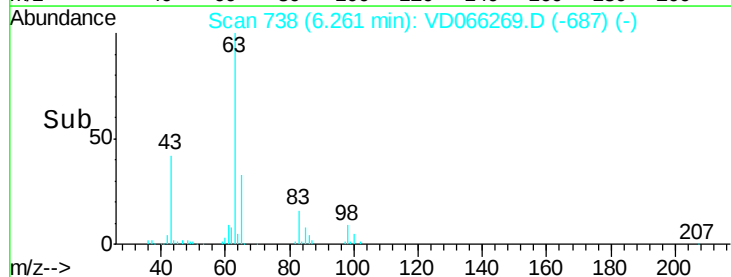
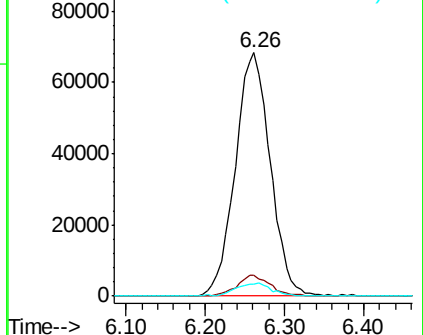
100 4.7 2.4 7.2

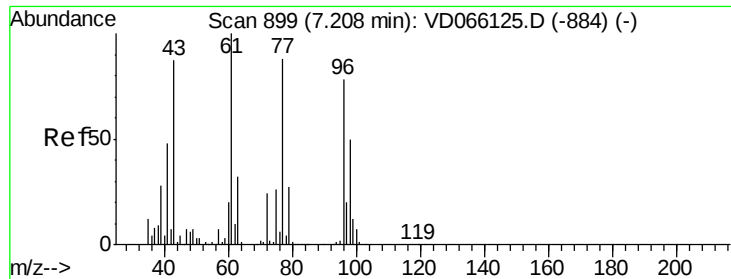


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

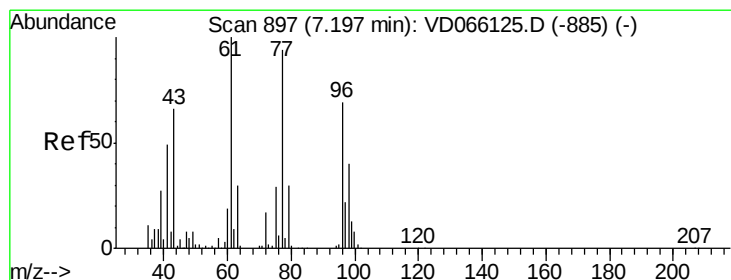
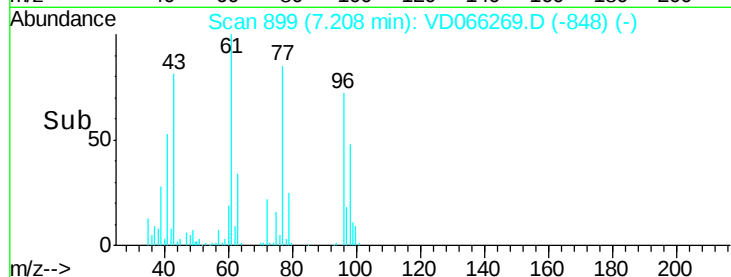
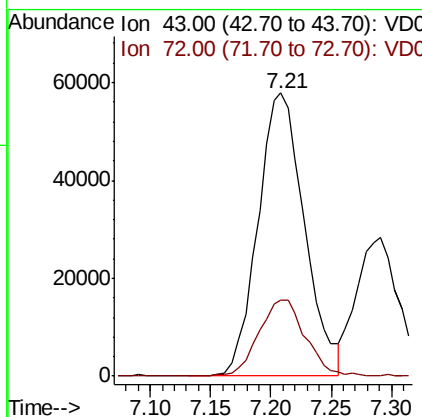
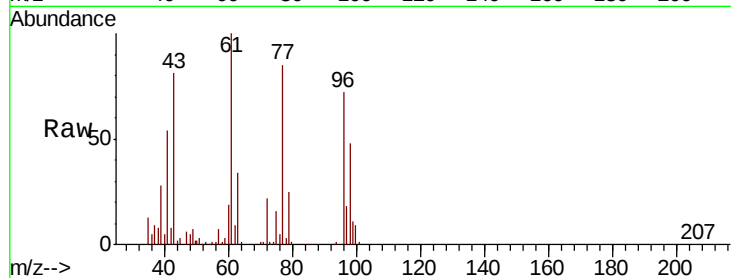




#25
2-Butanone
Concen: 246.432 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

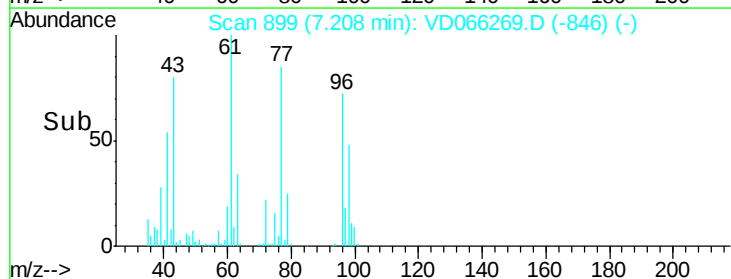
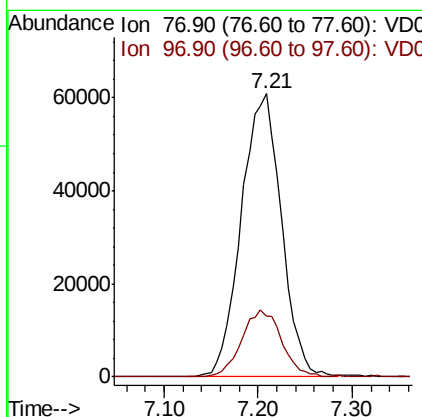
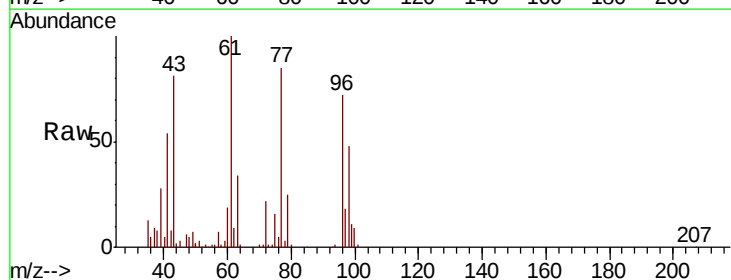
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

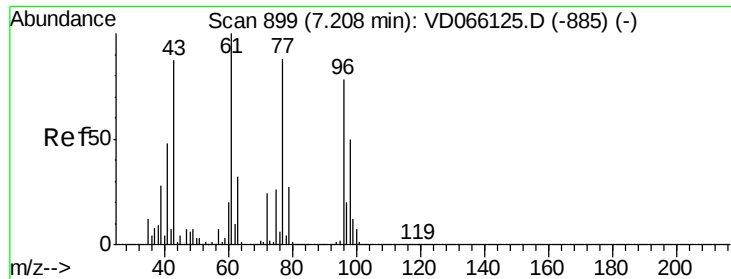
Tot Ion: 43 Resp: 154927
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 48.443 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 77 Resp: 180011
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3



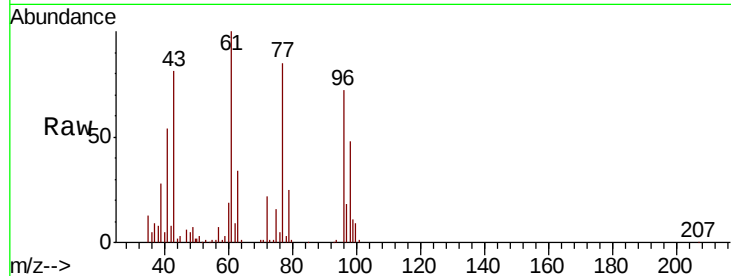


#27

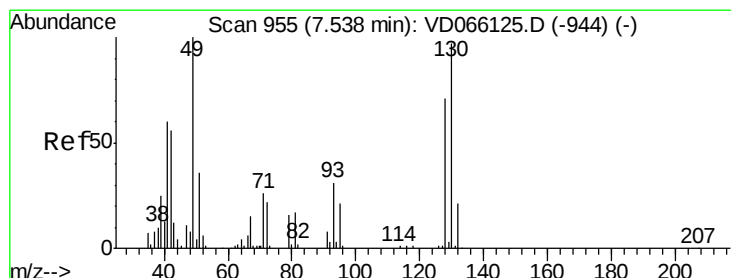
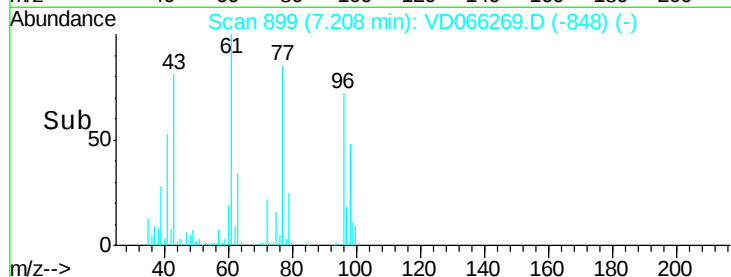
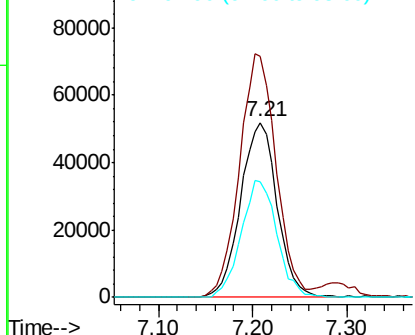
cis-1,2-Dichloroethene
Concen: 51.834 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 139663
Ion Ratio Lower Upper
96 100
61 139.4 0.0 281.6
98 65.2 0.0 130.8



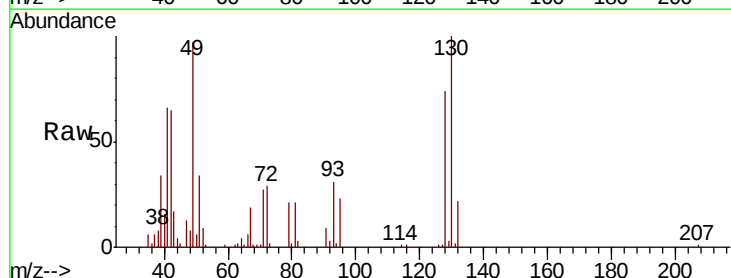
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



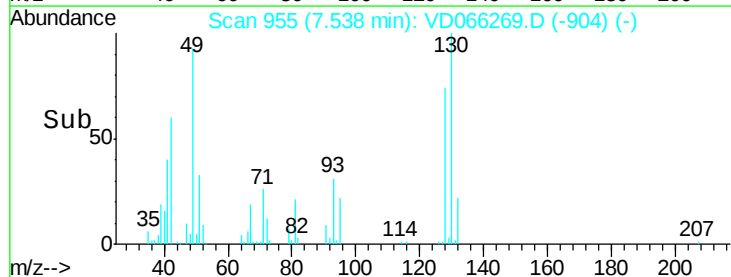
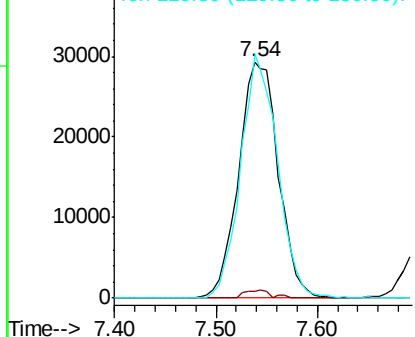
#28

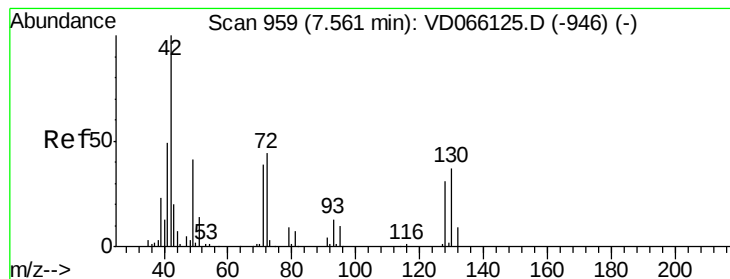
Bromochloromethane
Concen: 54.430 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 49 Resp: 79260
Ion Ratio Lower Upper
49 100
129 2.3 0.0 6.0
130 95.9 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: 256.318 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

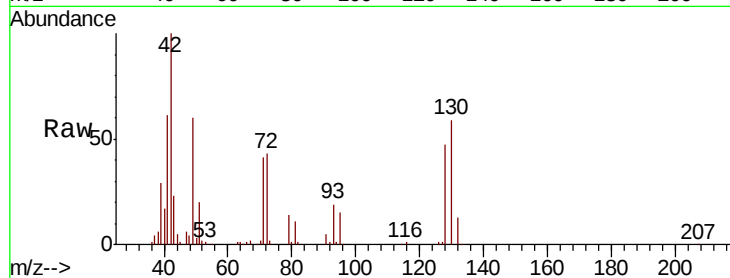
Tot Ion: 42 Resp: 99838

Ion Ratio Lower Upper

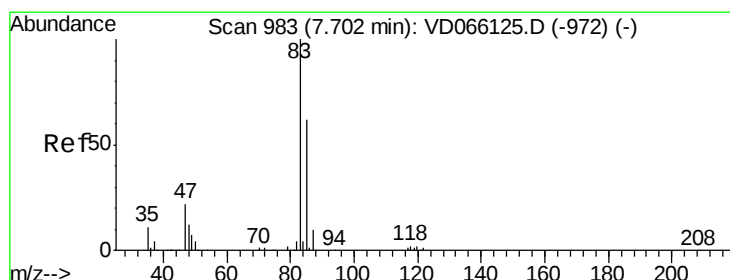
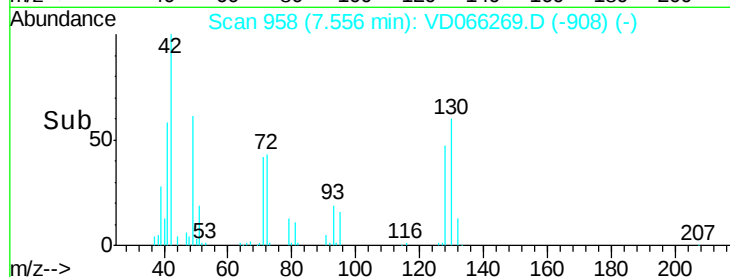
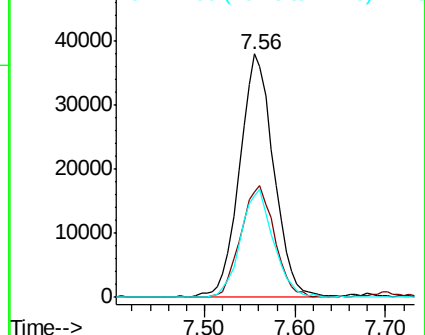
42 100

72 45.3 34.8 52.2

71 42.8 33.5 50.3



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



#30

Chloroform

Concen: 52.796 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066269.D

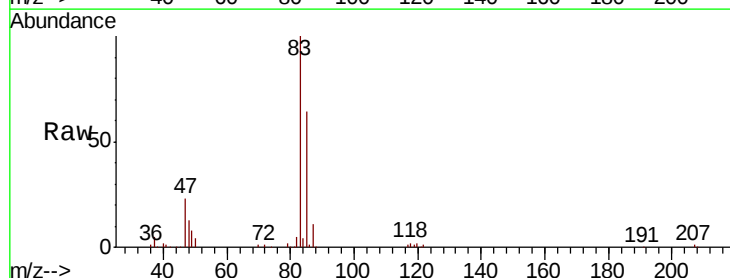
Acq: 17 Aug 2020 20:27

Tgt Ion: 83 Resp: 229846

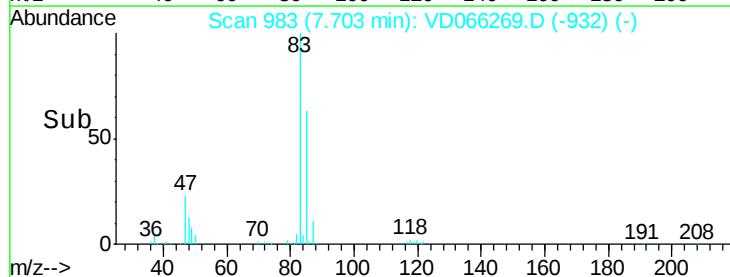
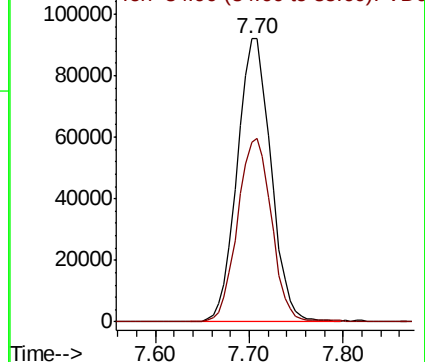
Ion Ratio Lower Upper

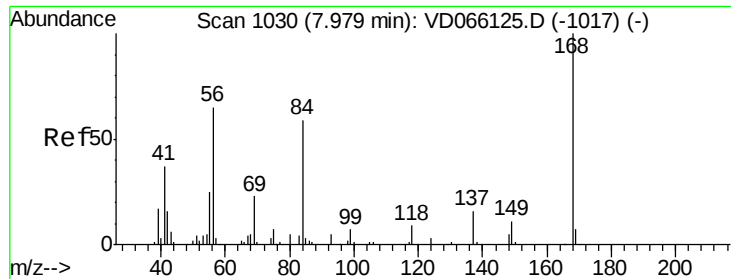
83 100

85 63.6 49.5 74.3



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

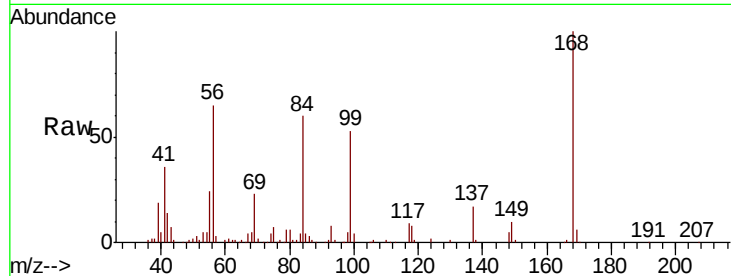




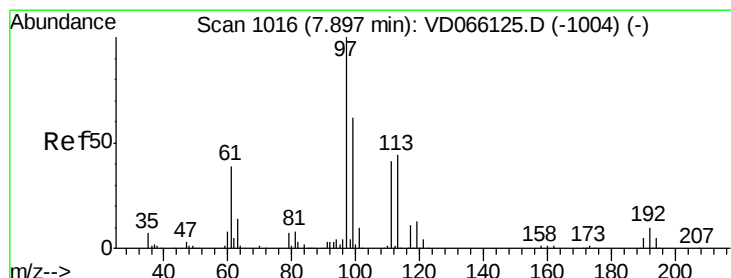
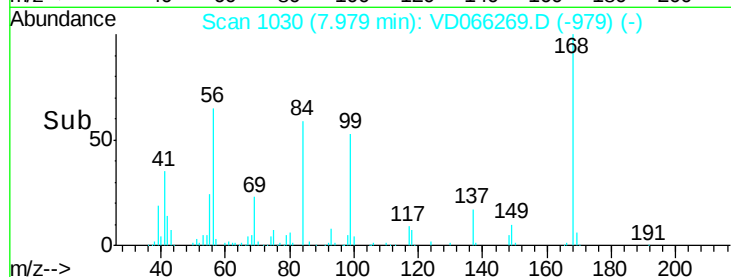
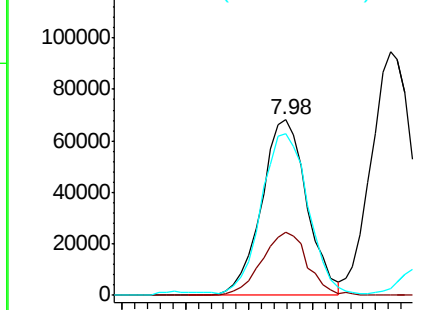
#31
Cyclohexane
Concen: 43.118 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 170170
Ion Ratio Lower Upper
56 100
69 35.7 28.8 43.2
84 90.5 73.0 109.6

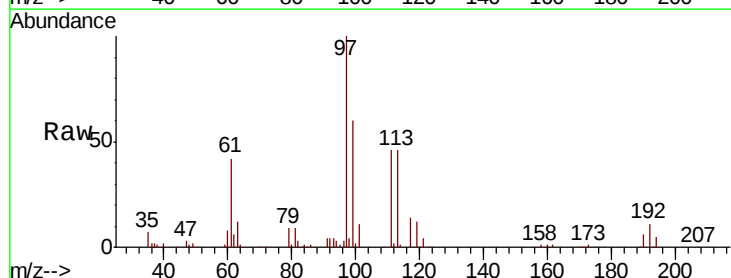


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

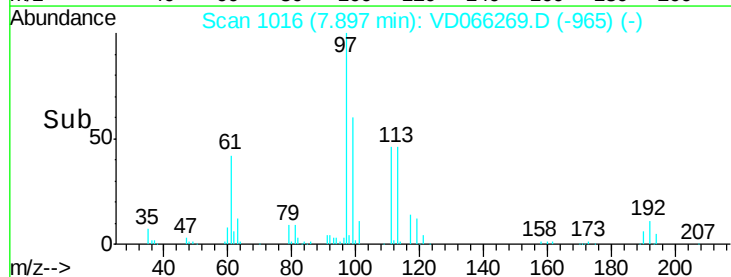
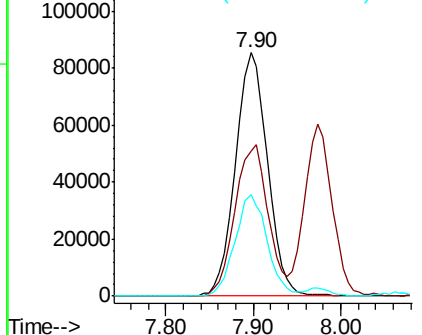


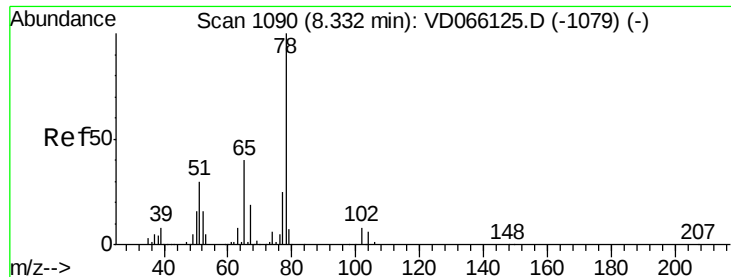
#32
1,1,1-Trichloroethane
Concen: 52.025 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 97 Resp: 212360
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 41.8 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

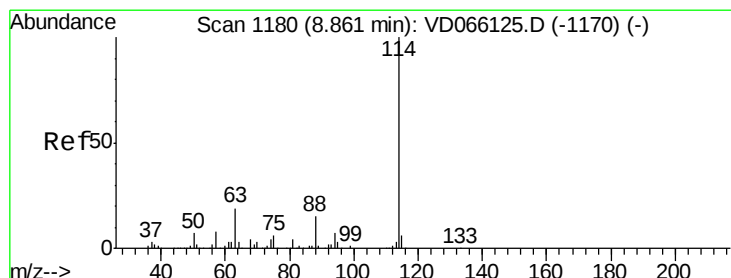
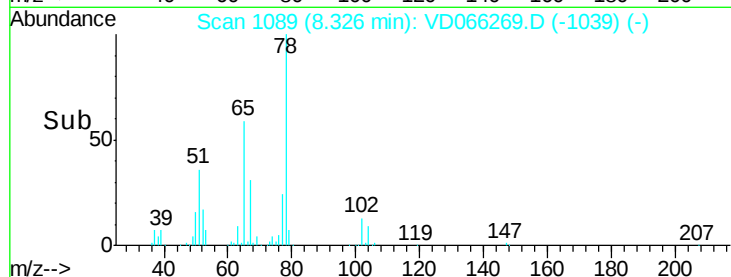
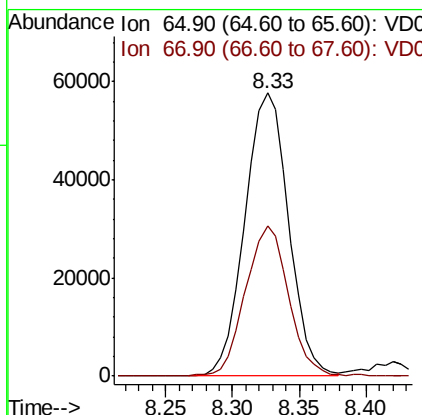
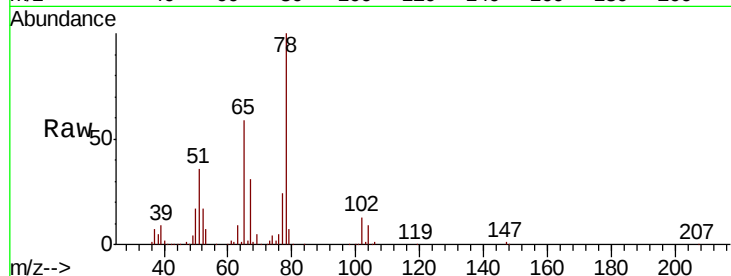




#33
 1,2-Dichloroethane-d4
 Concen: 58.064 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

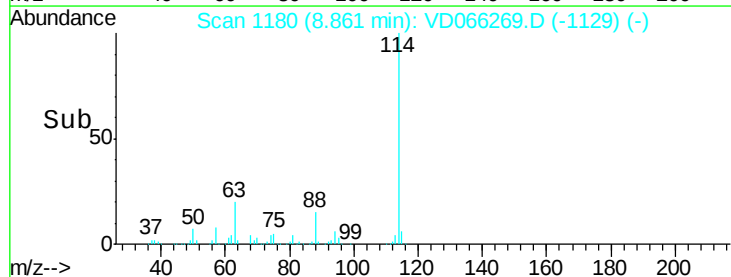
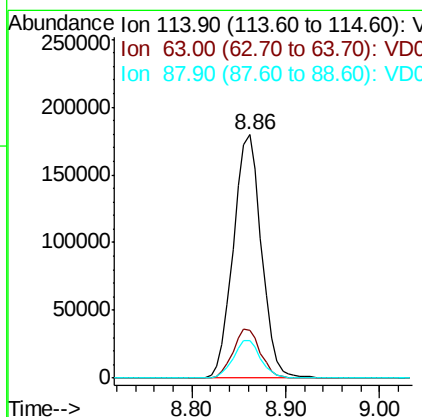
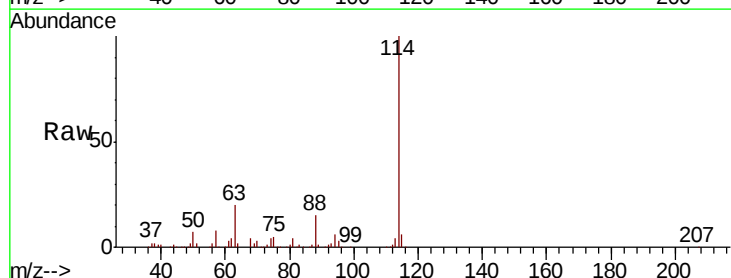
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

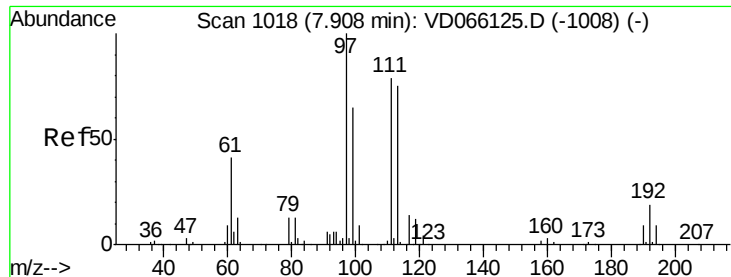
Tot Ion: 65 Resp: 130801
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 114 Resp: 372409
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.3 0.0 30.0

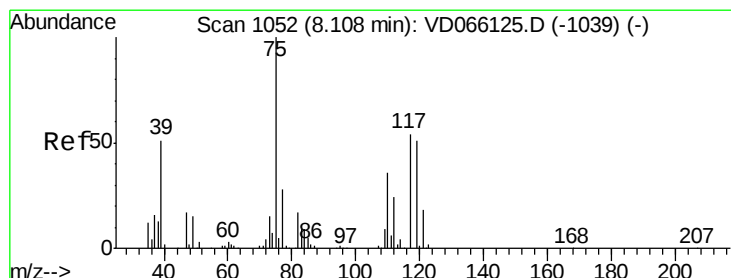
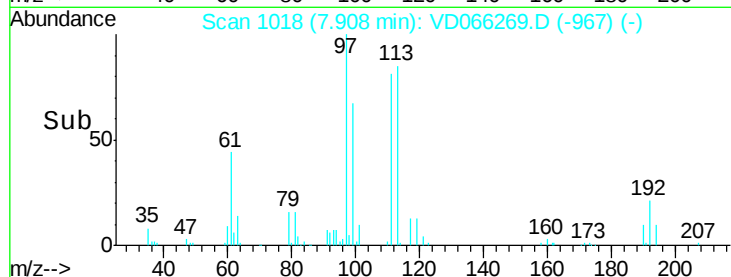
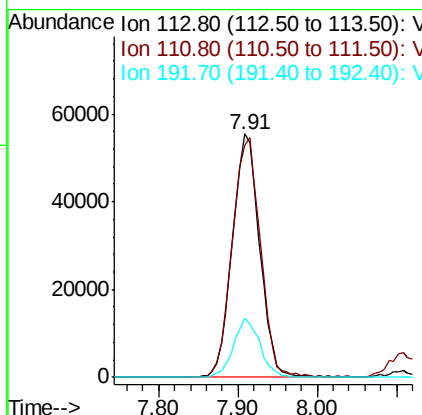
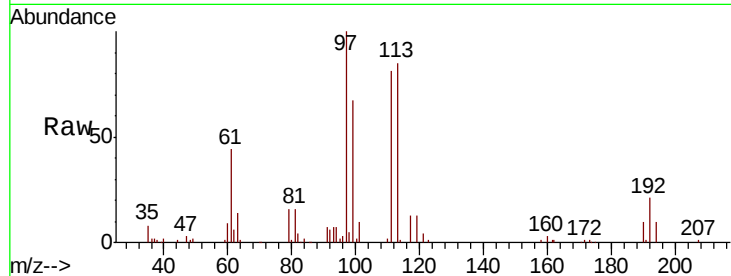




#35
Dibromofluoromethane
Concen: 56.320 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

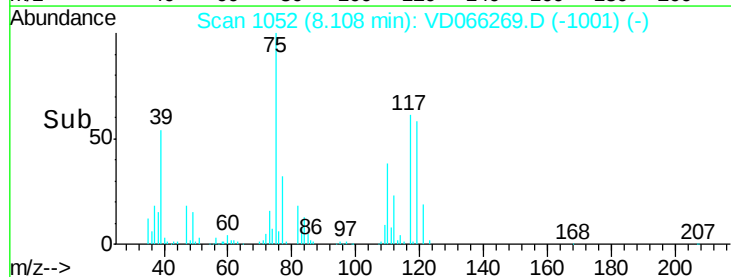
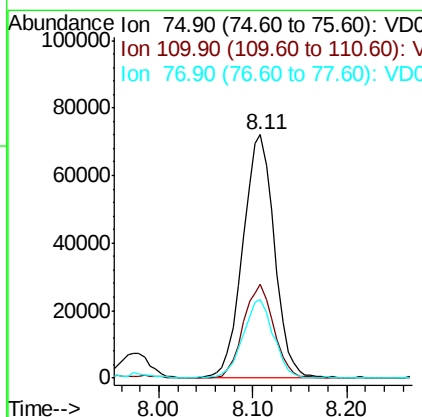
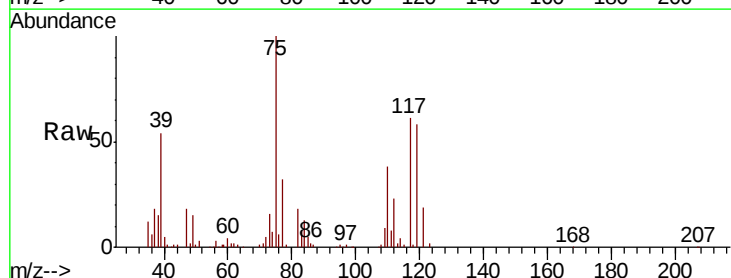
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

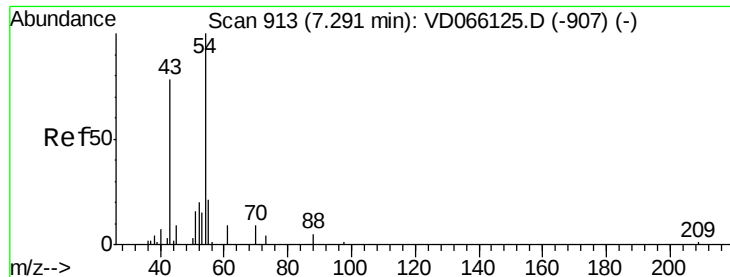
Tot Ion:113 Resp: 132869
Ion Ratio Lower Upper
113 100
111 101.0 80.7 121.1
192 23.3 18.4 27.6



#36
1,1-Dichloropropene
Concen: 47.961 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 75 Resp: 167839
Ion Ratio Lower Upper
75 100
110 37.1 18.8 56.3
77 31.5 24.2 36.2

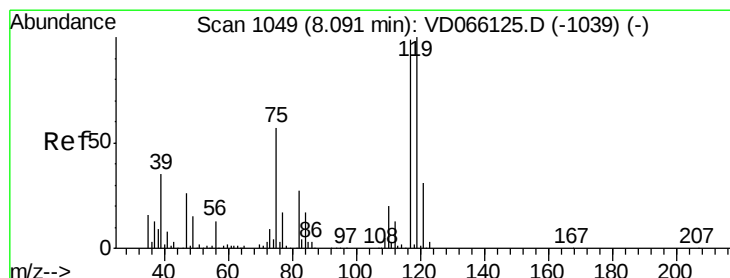
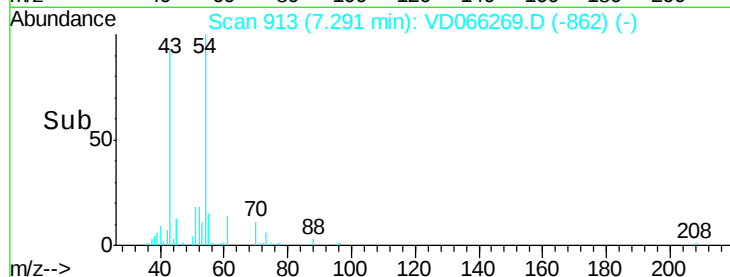
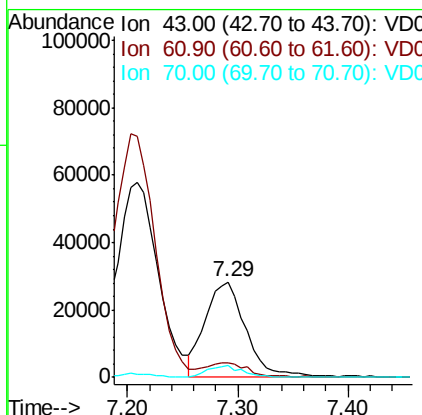
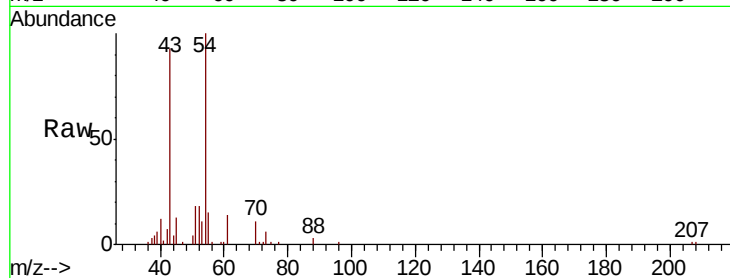




#37
Ethyl Acetate
Concen: 51.179 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

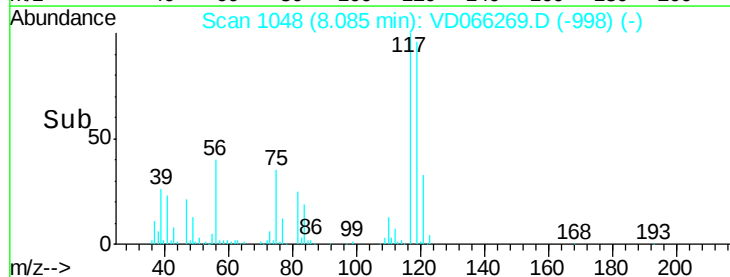
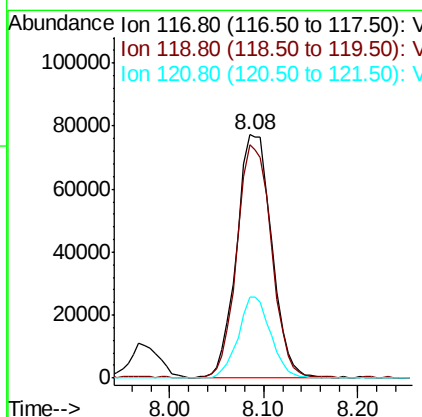
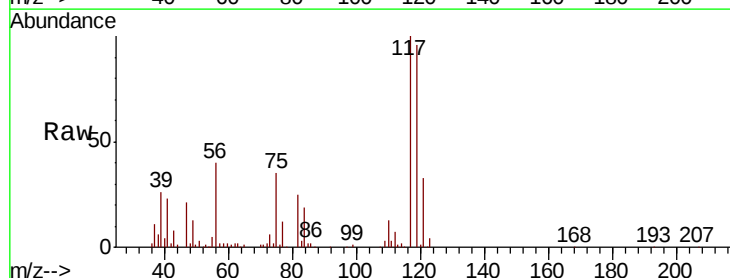
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

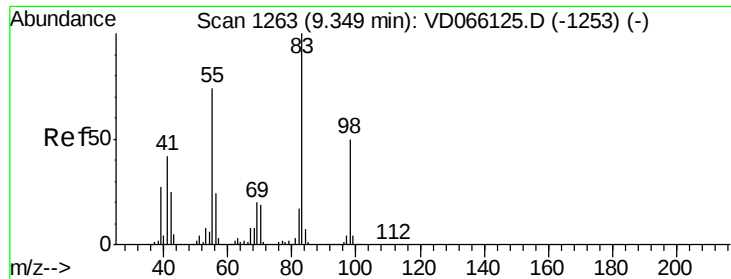
Tot Ion: 43 Resp: 70963
Ion Ratio Lower Upper
43 100
61 15.9 12.0 18.0
70 11.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 51.191 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 117 Resp: 199775
Ion Ratio Lower Upper
117 100
119 96.1 81.0 121.4
121 33.3 24.8 37.2

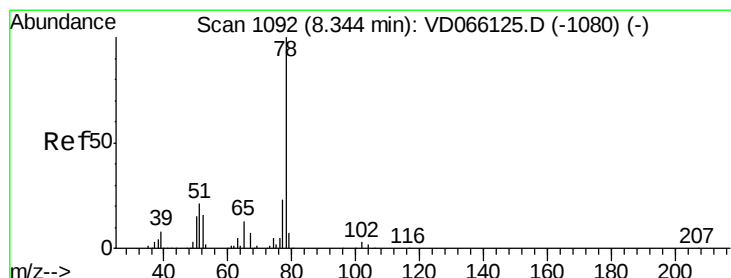
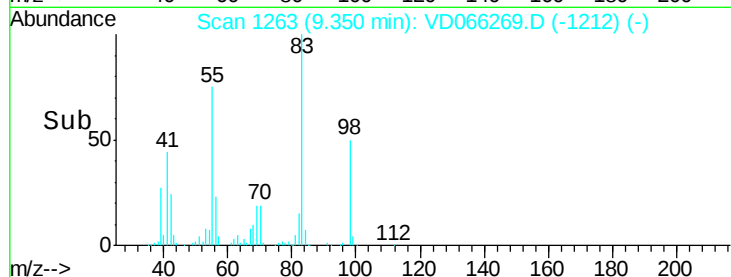
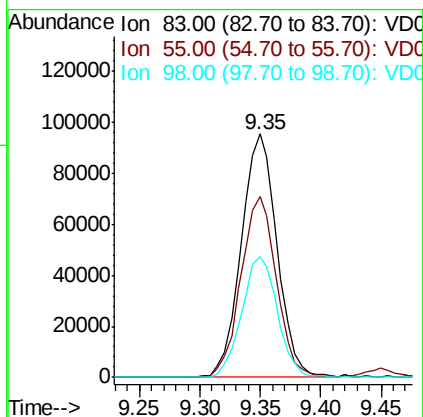
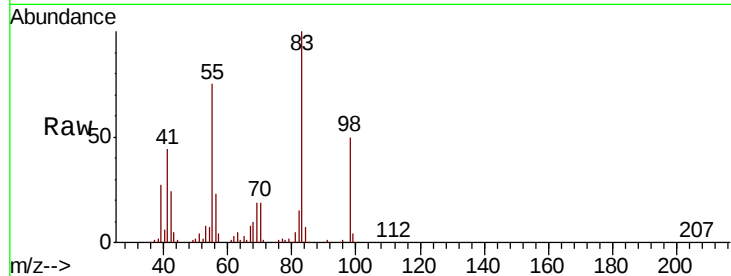




#39
Methvlcvclohexane
Concen: 46.659 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

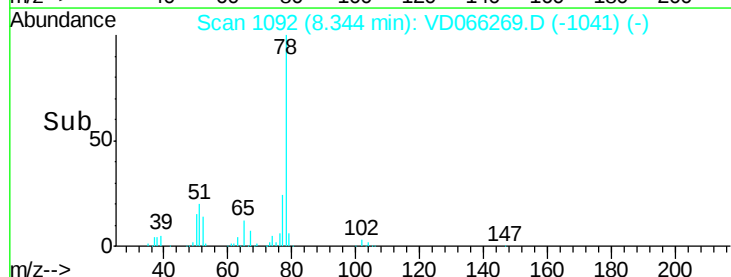
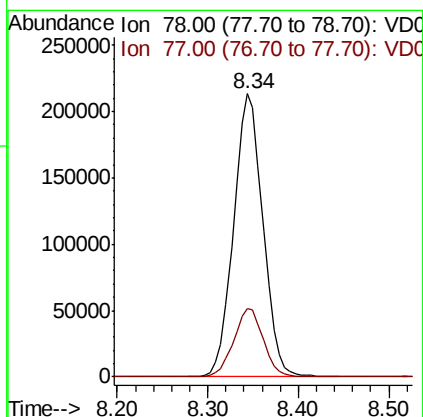
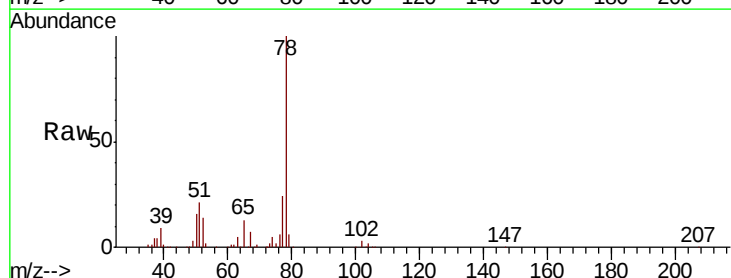
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

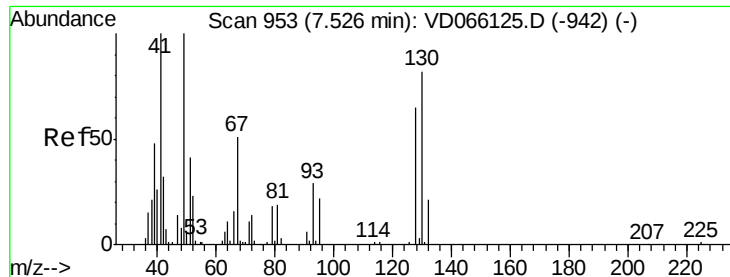
Tot Ion: 83 Resp: 197383
Ion Ratio Lower Upper
83 100
55 74.5 59.2 88.8
98 49.7 39.8 59.6



#40
Benzene
Concen: 49.374 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 78 Resp: 479320
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41

Methacrylonitrile

Concen: 124.688 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 101652

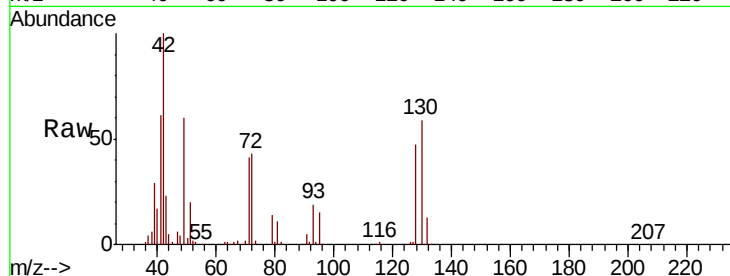
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

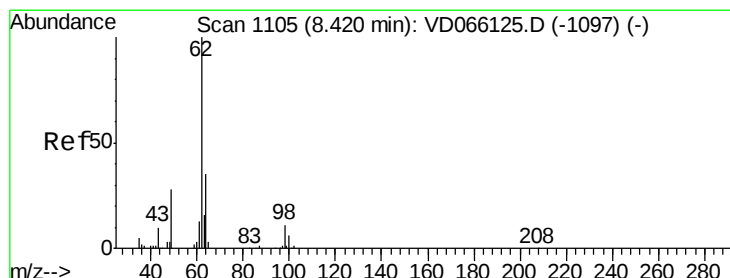
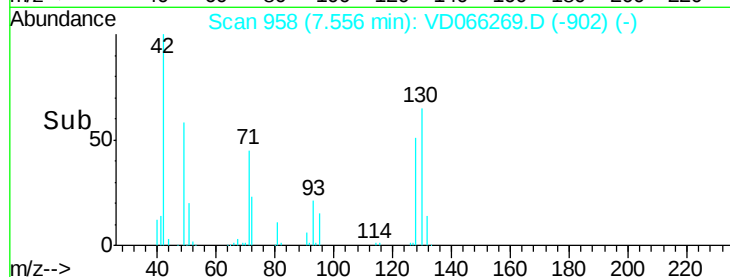
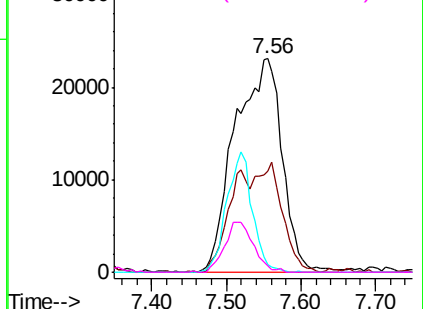


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.458 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066269.D

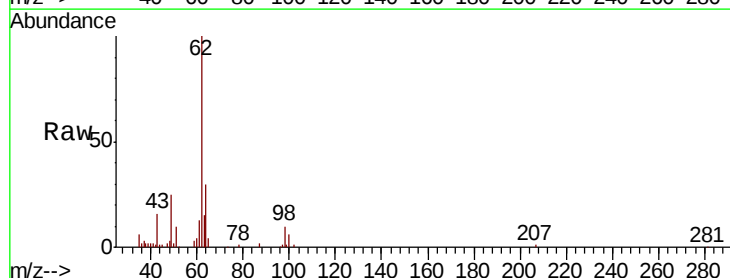
Acq: 17 Aug 2020 20:27

Tgt Ion: 62 Resp: 149605

Ion Ratio Lower Upper

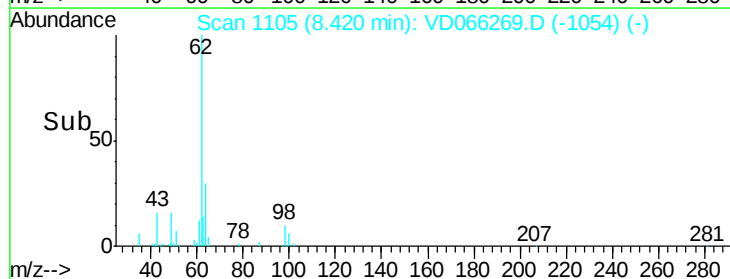
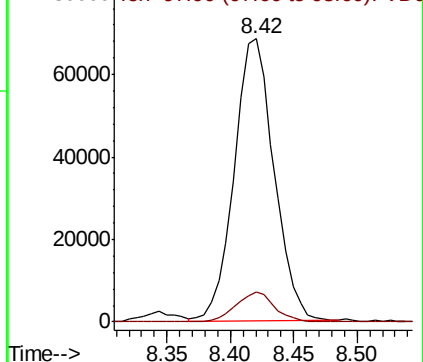
62 100

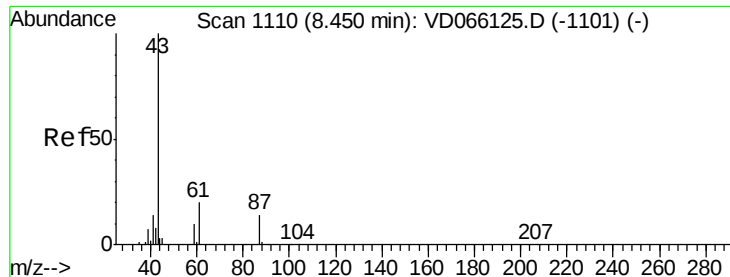
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.397 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

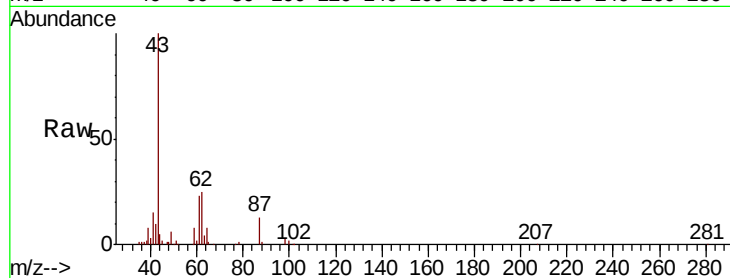
Tot Ion: 43 Resp: 143144

Ion Ratio Lower Upper

43 100

61 30.0 25.5 38.3

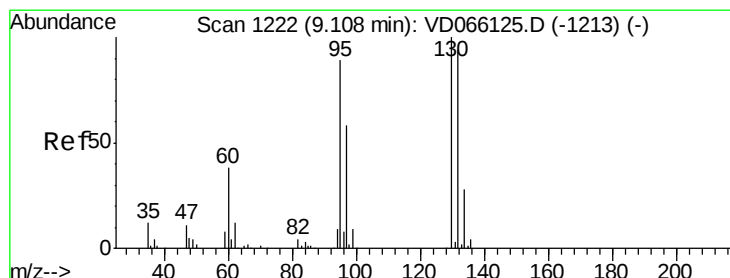
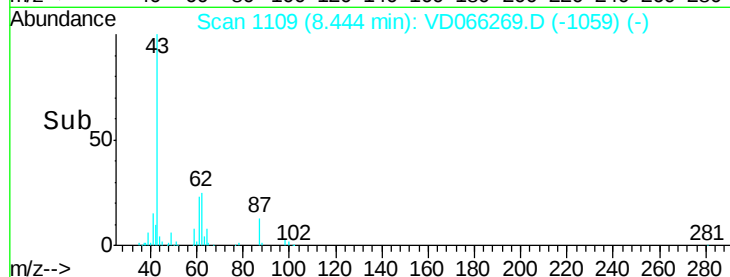
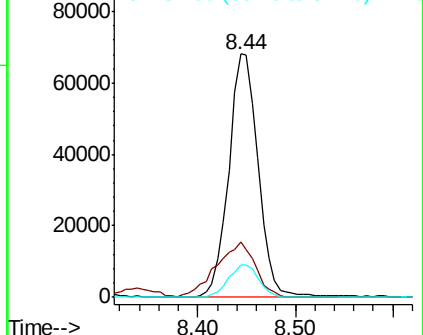
87 13.8 11.2 16.8



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: 50.458 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066269.D

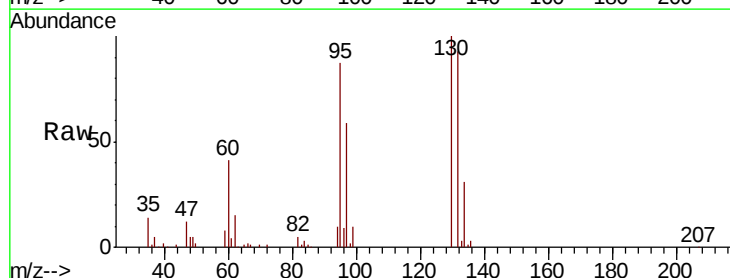
Acq: 17 Aug 2020 20:27

Tgt Ion:130 Resp: 147608

Ion Ratio Lower Upper

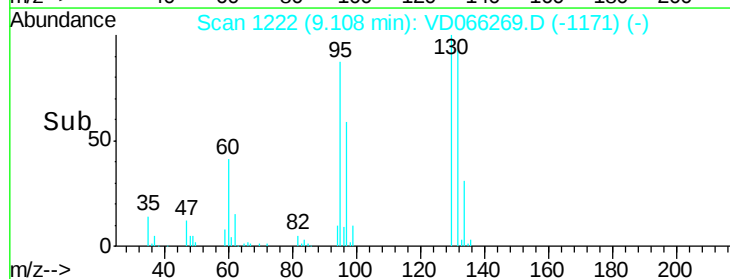
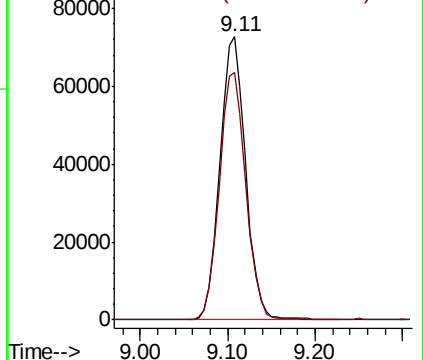
130 100

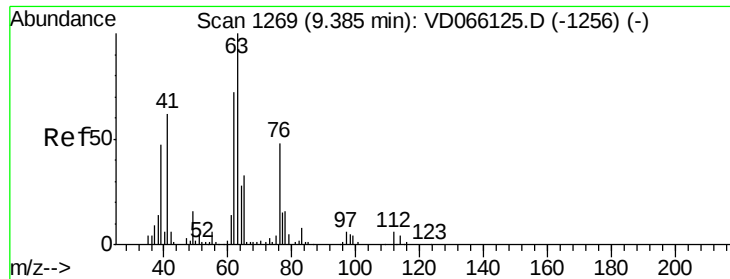
95 87.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

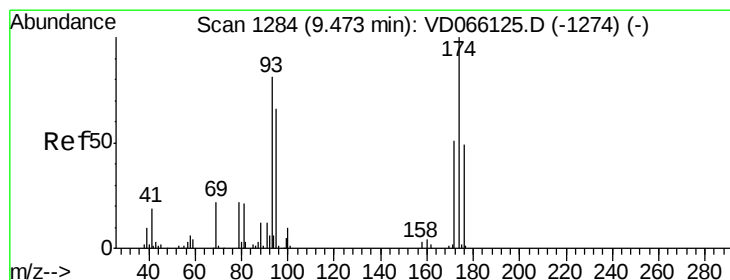
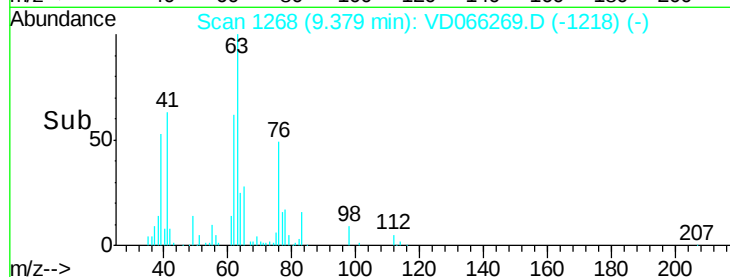
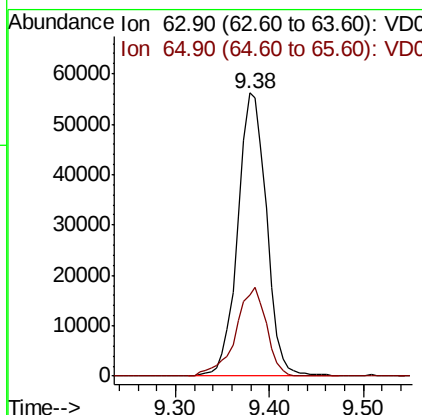
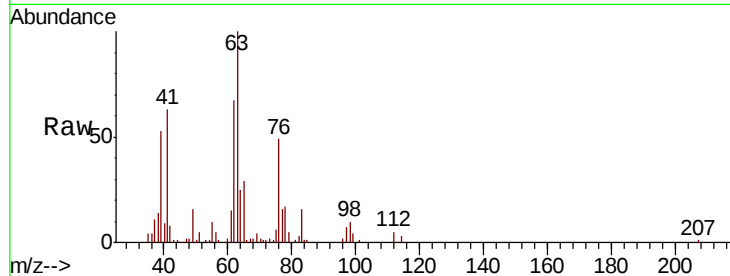




#45
 1,2-Dichloropropane
 Concen: 50.168 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

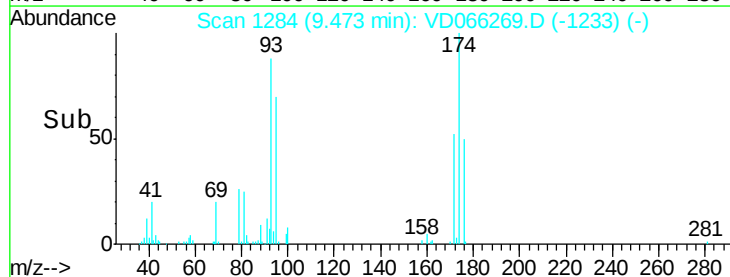
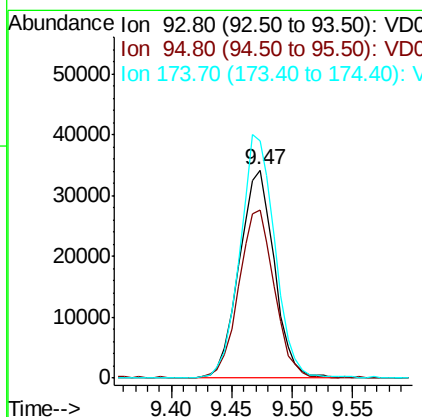
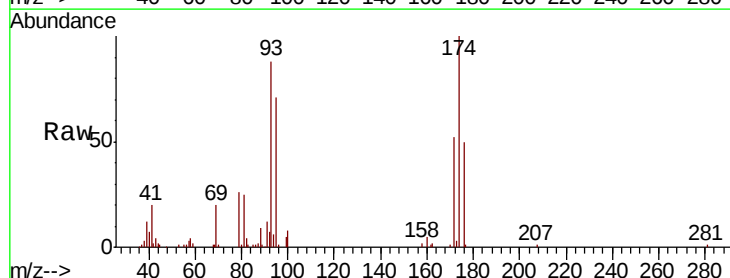
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

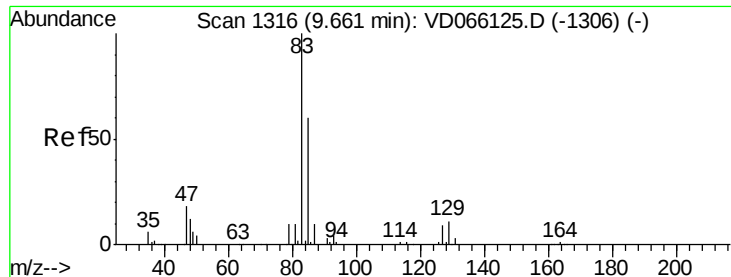
Tot Ion: 63 Resp: 119115
 Ion Ratio Lower Upper
 63 100
 65 28.8 26.5 39.7



#46
 Dibromomethane
 Concen: 52.958 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 93 Resp: 69260
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 116.4 92.8 139.2





#47

Bromodichloromethane

Concen: 52.740 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

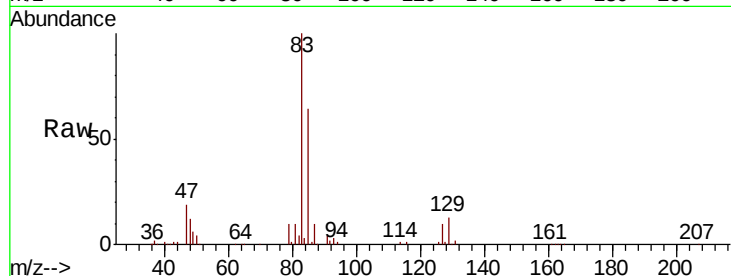
Tot Ion: 83 Resp: 182299

Ion Ratio Lower Upper

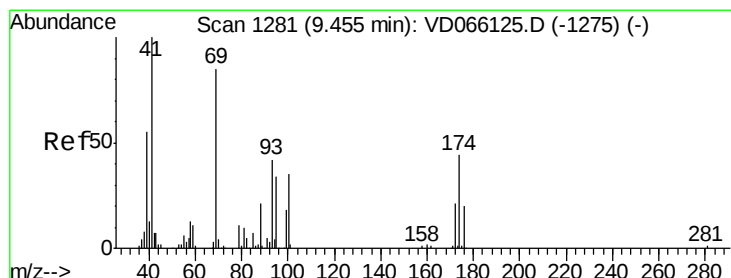
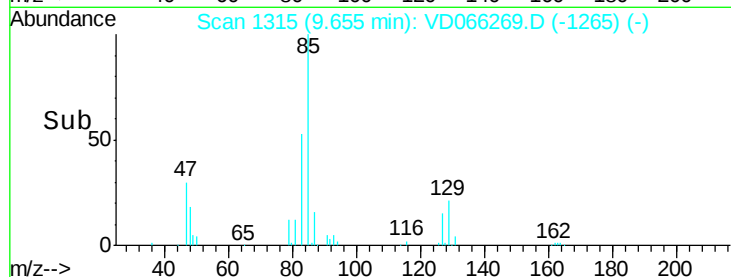
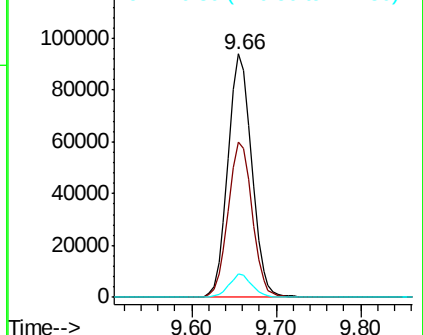
83 100

85 64.0 48.2 72.4

127 9.9 7.3 10.9



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



#48

Methyl methacrylate

Concen: 47.910 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

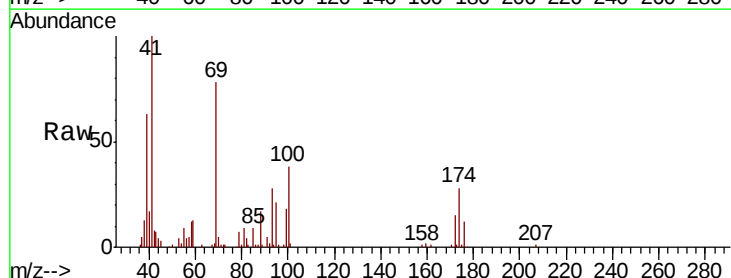
Tgt Ion: 41 Resp: 66833

Ion Ratio Lower Upper

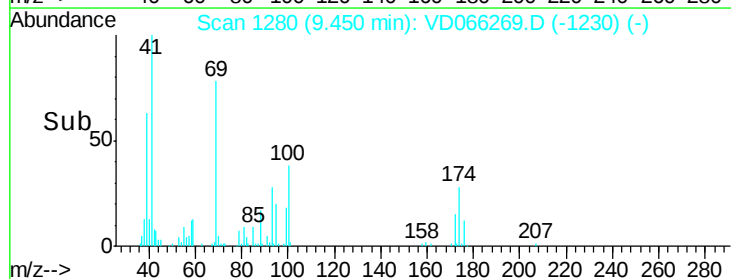
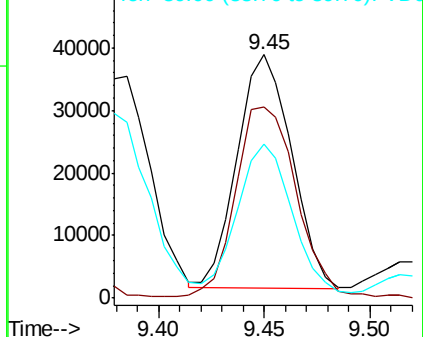
41 100

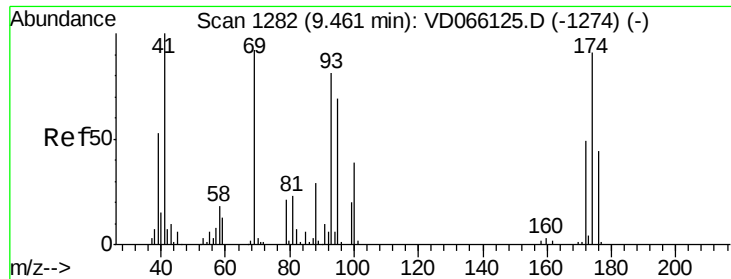
69 93.0 63.9 95.9

39 67.7 42.6 64.0#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

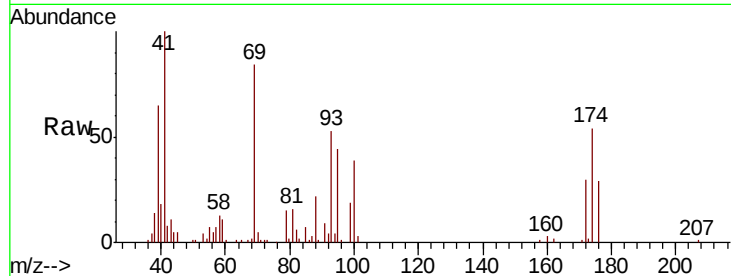




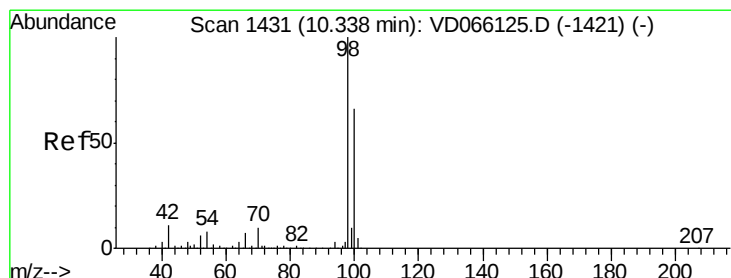
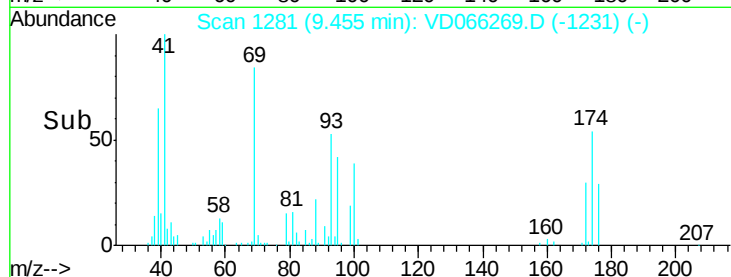
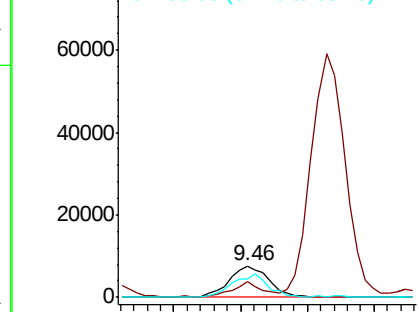
#49
 1,4-Dioxane
 Concen: 939.515 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 15786
 Ion Ratio Lower Upper
 88 100
 43 35.6 27.5 41.3
 58 68.2 50.2 75.4

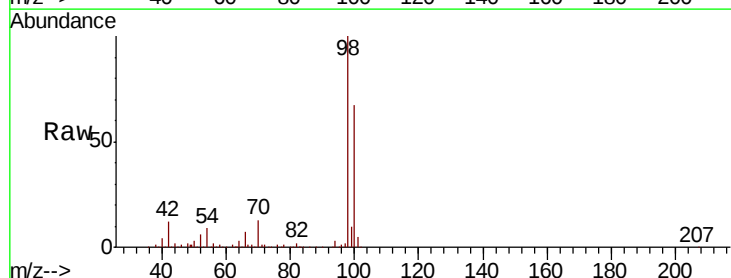


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

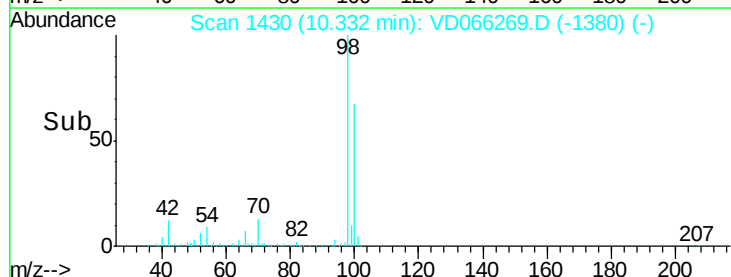
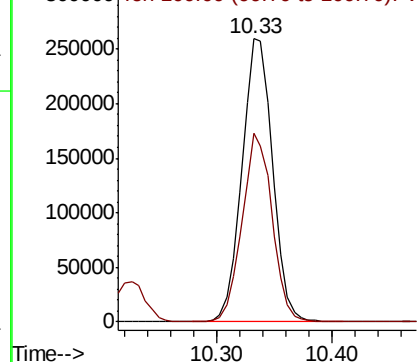


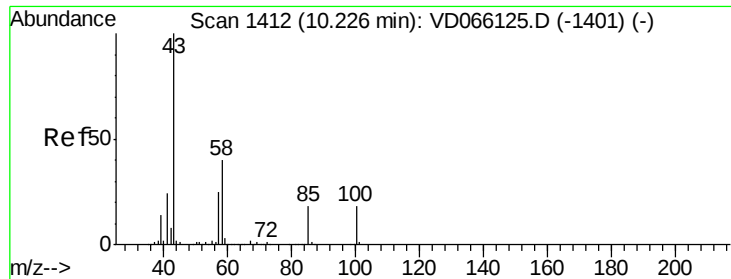
#50
 Toluene-d8
 Concen: 54.877 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 98 Resp: 477756
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 259.103 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

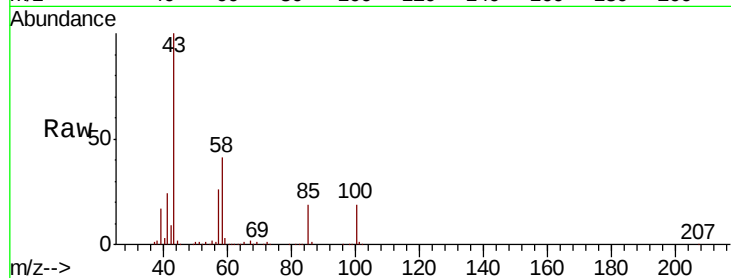
VSTDCCC050EC

Tot Ion: 43 Resp: 363593

Ion Ratio Lower Upper

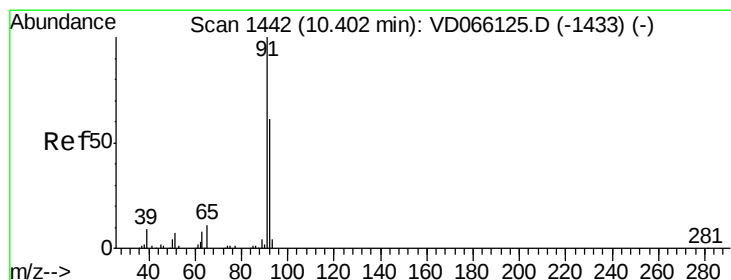
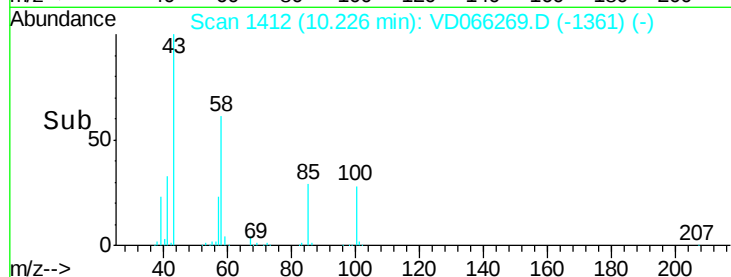
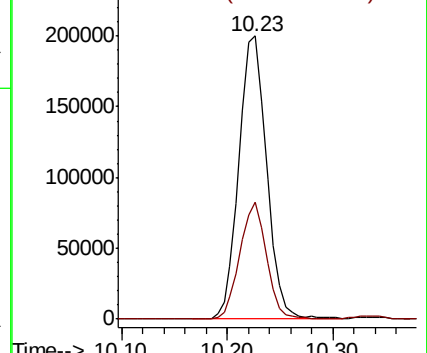
43 100

58 39.5 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.421 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066269.D

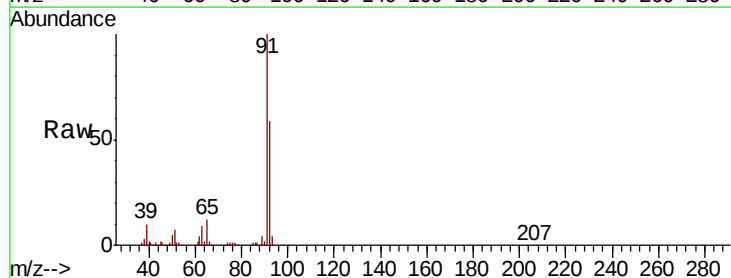
Acq: 17 Aug 2020 20:27

Tgt Ion: 92 Resp: 322090

Ion Ratio Lower Upper

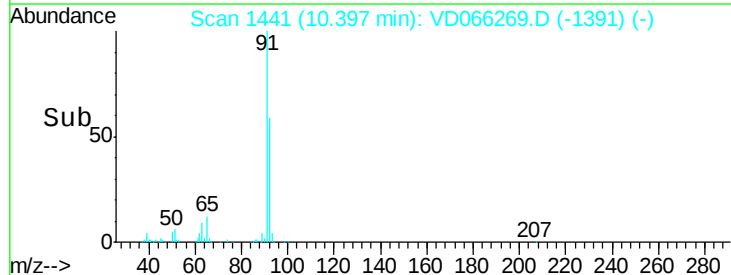
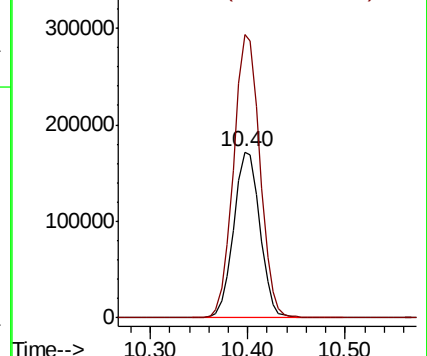
92 100

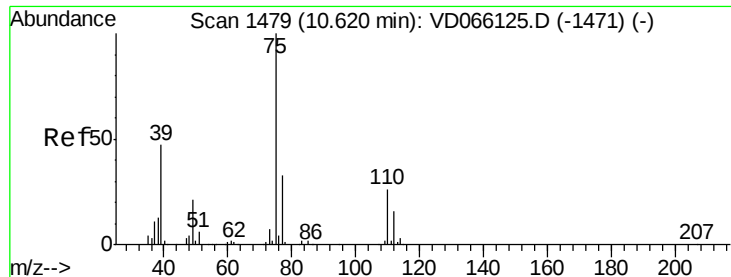
91 170.8 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.654 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

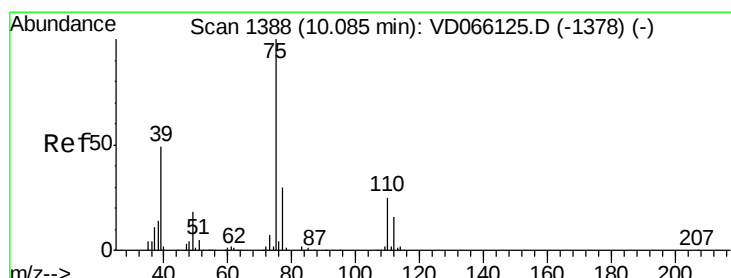
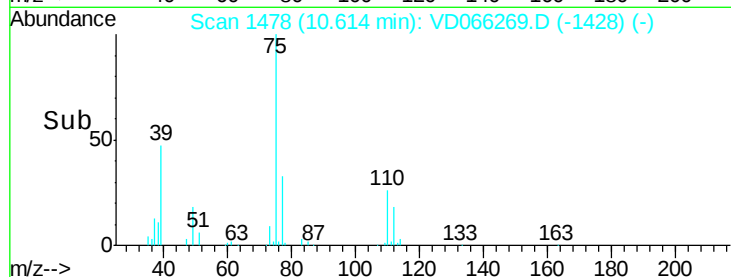
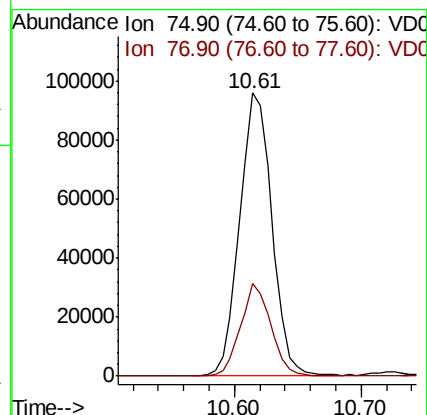
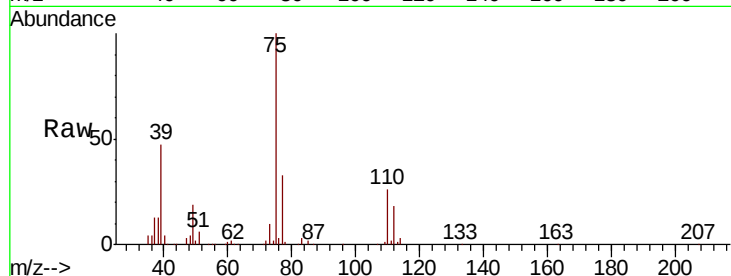
VSTDCCC050EC

Tot Ion: 75 Resp: 169442

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 50.971 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

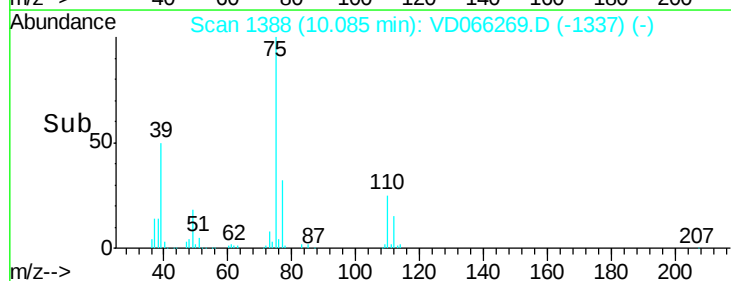
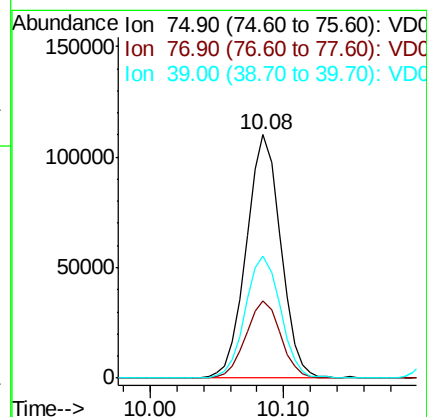
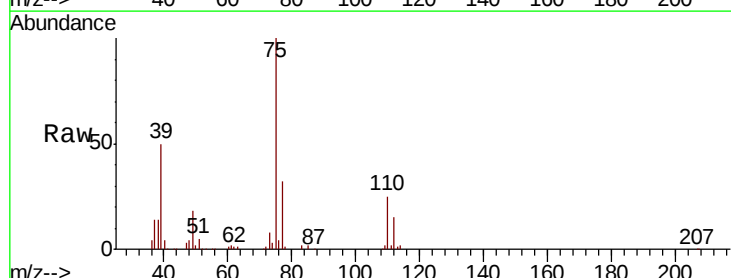
Tgt Ion: 75 Resp: 195898

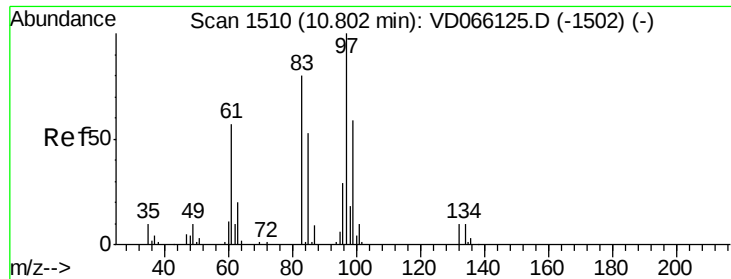
Ion Ratio Lower Upper

75 100

77 31.9 24.3 36.5

39 50.0 39.3 58.9

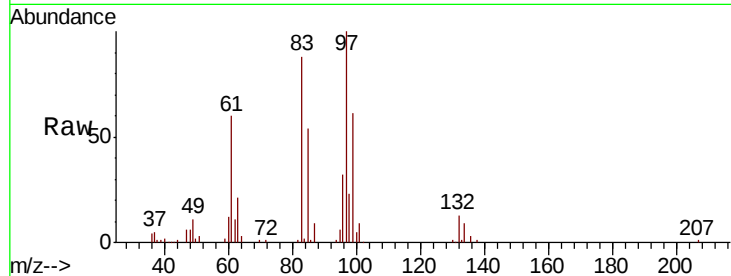




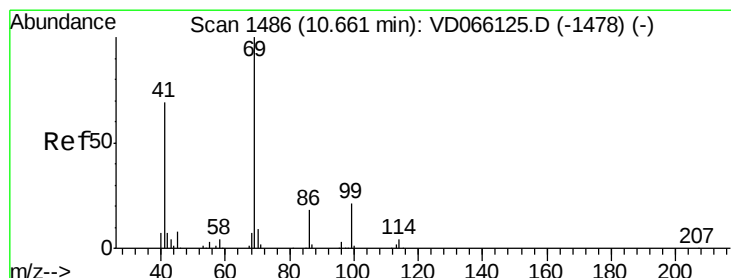
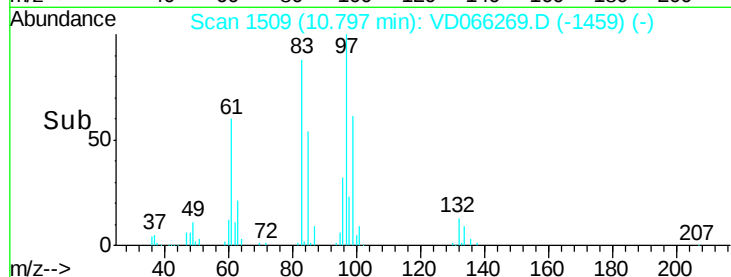
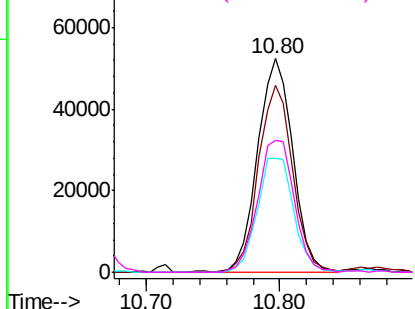
#55
 1,1,2-Trichloroethane
 Concen: 50.692 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	95464
Ion	Ratio	Lower	Upper
97	100		
83	87.7	63.9	95.9
85	53.6	42.5	63.7
99	61.5	47.4	71.0

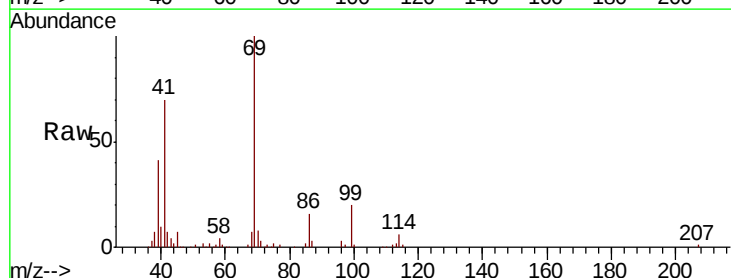


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

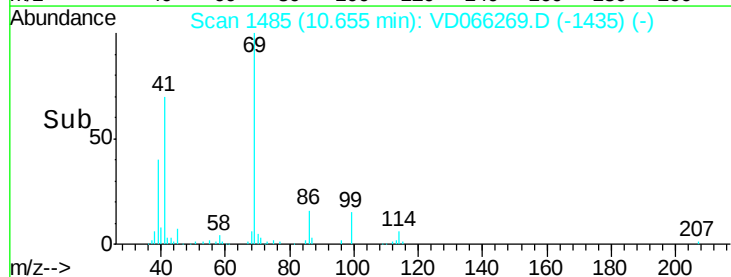
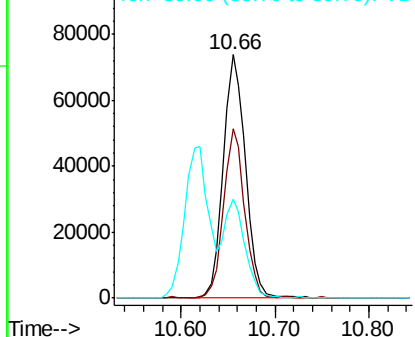


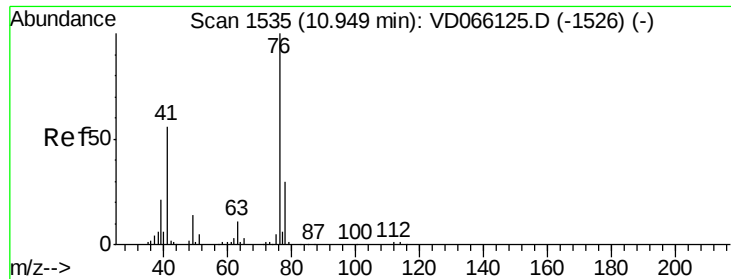
#56
 Ethyl methacrylate
 Concen: 53.740 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion:	69	Resp:	121576
Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.1	81.1
39	39.1	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

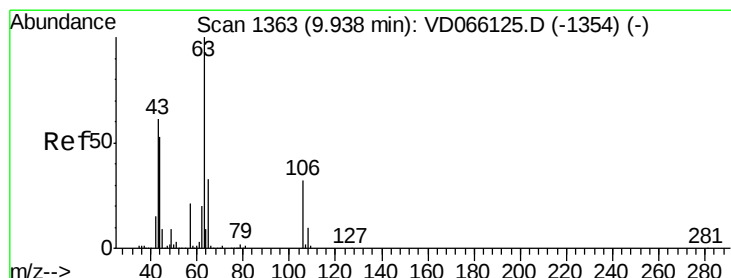
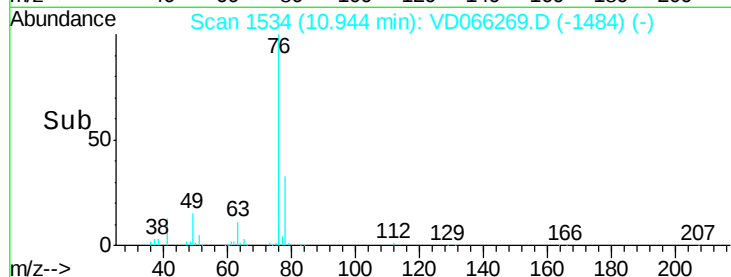
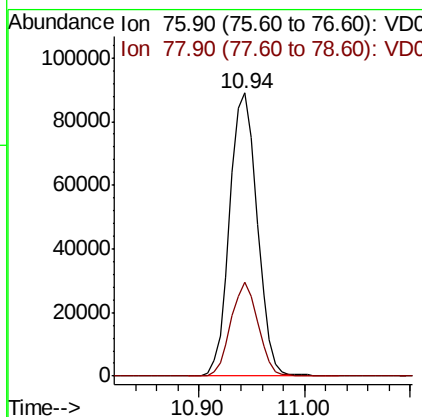
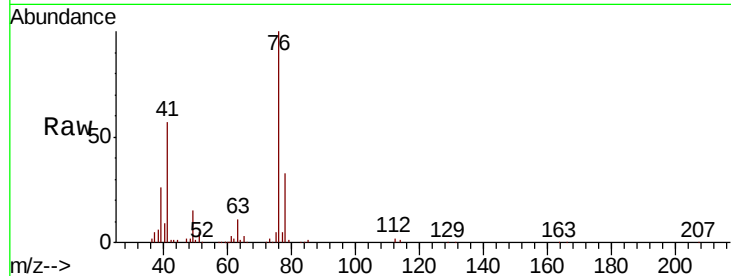




#57
 1,3-Dichloropropane
 Concen: 51.369 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

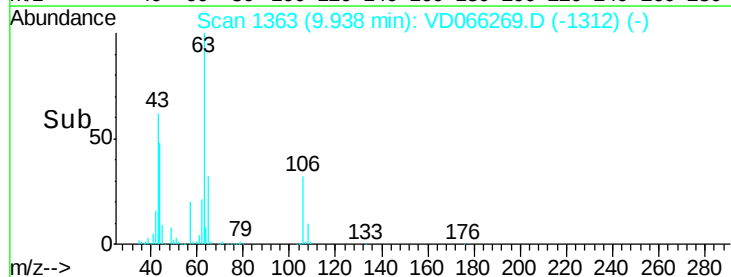
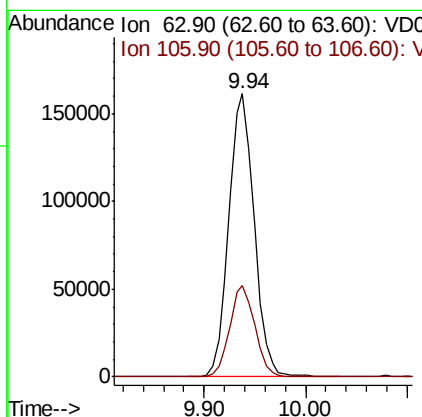
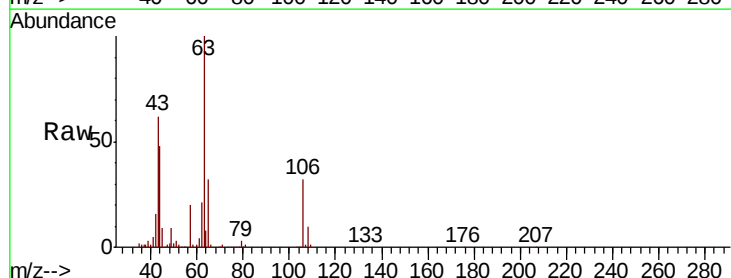
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

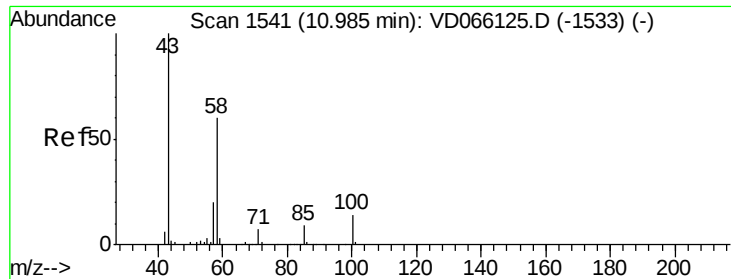
Tot Ion: 76 Resp: 160599
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.665 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 63 Resp: 280518
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.3 37.9

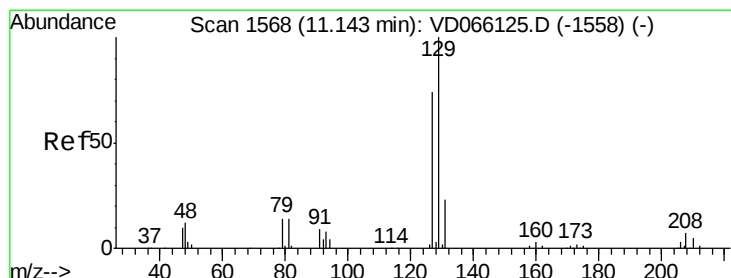
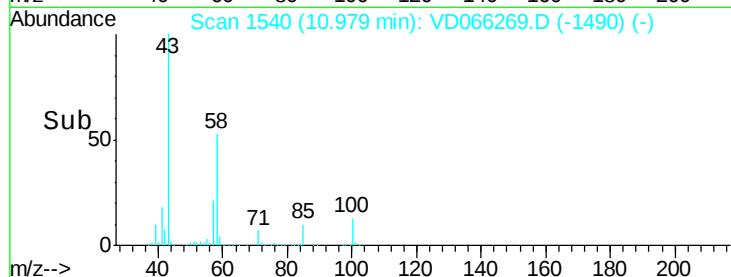
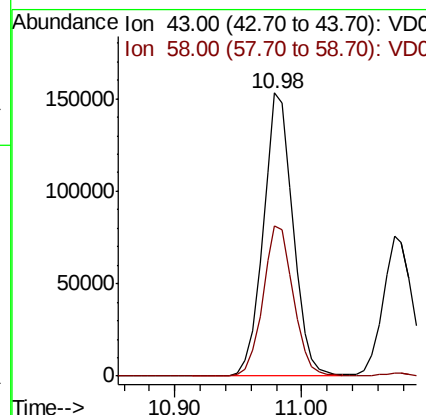
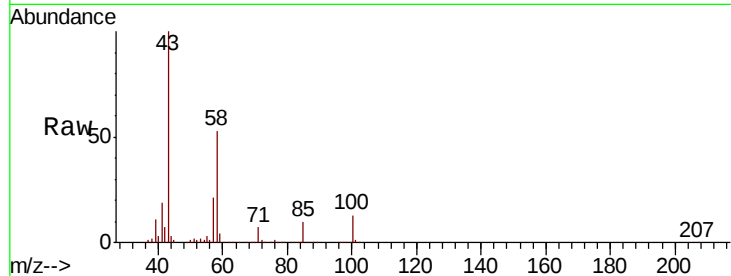




#59
2-Hexanone
Concen: 253.524 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

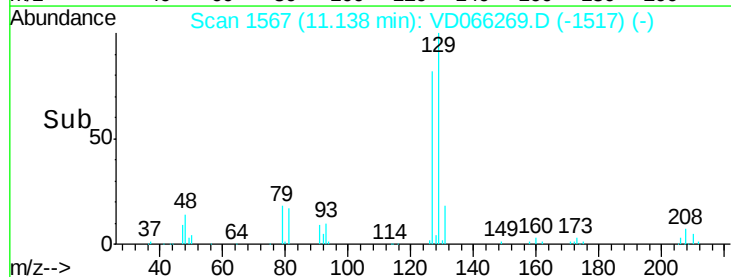
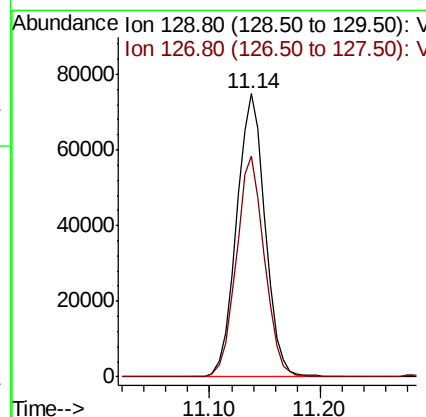
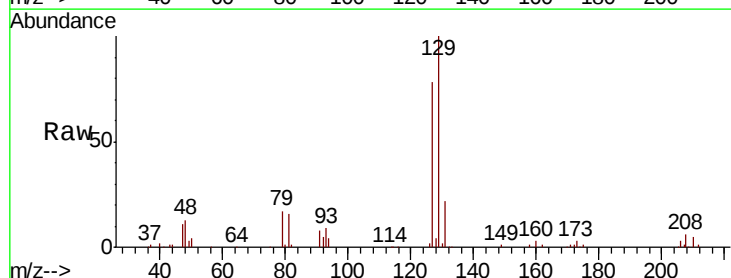
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

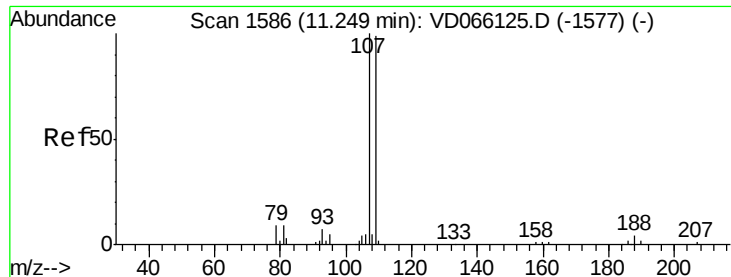
Tot Ion: 43 Resp: 249681
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4



#60
Dibromochloromethane
Concen: 52.214 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 129 Resp: 135752
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1

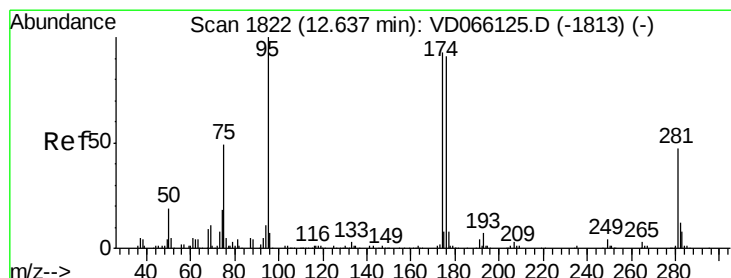
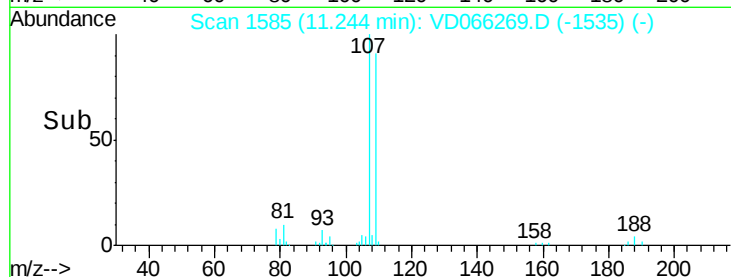
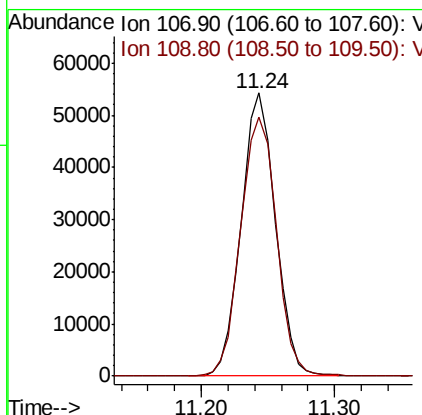
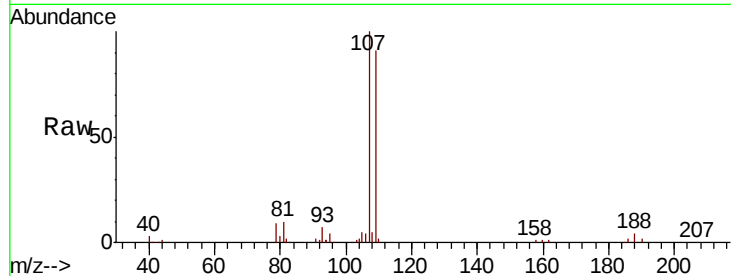




#61
 1,2-Dibromoethane
 Concen: 53.142 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

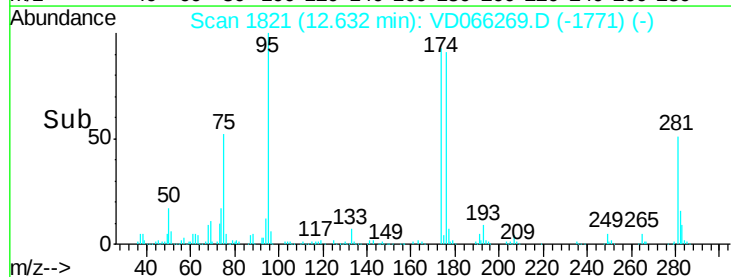
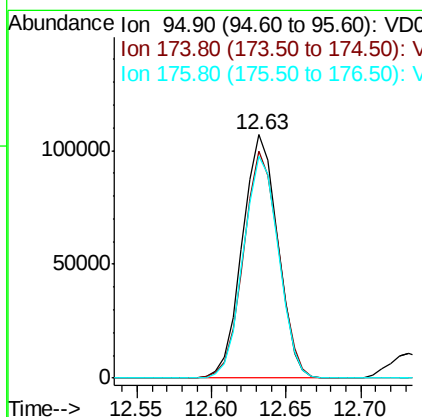
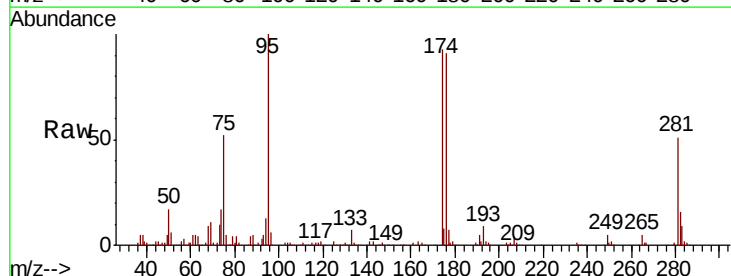
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

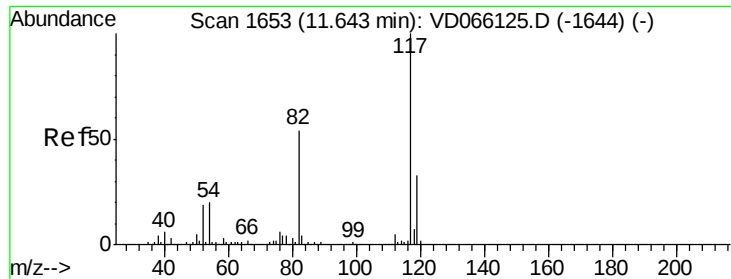
Tot Ion:107 Resp: 96245
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 56.091 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 95 Resp: 176021
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 180.8
 176 90.4 0.0 181.2

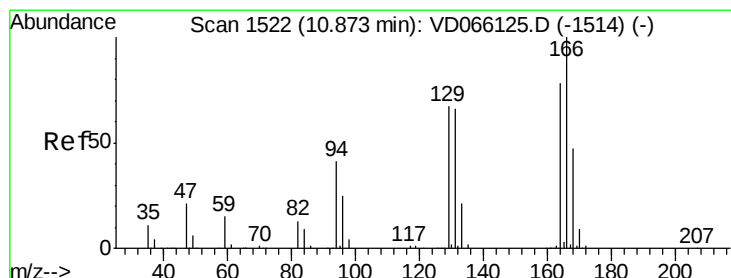
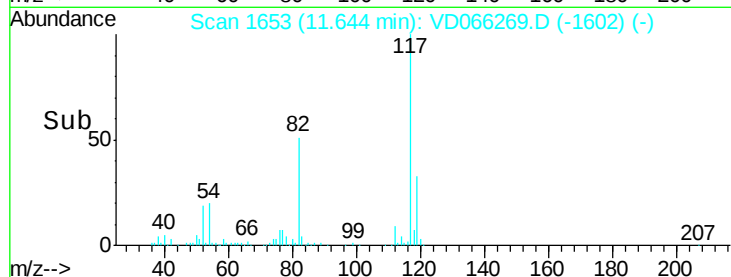
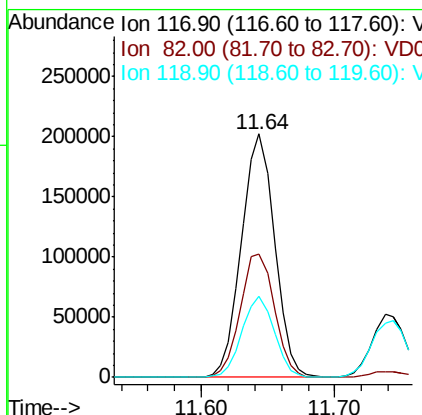
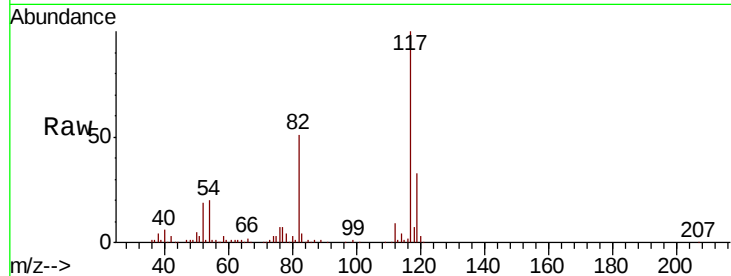




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

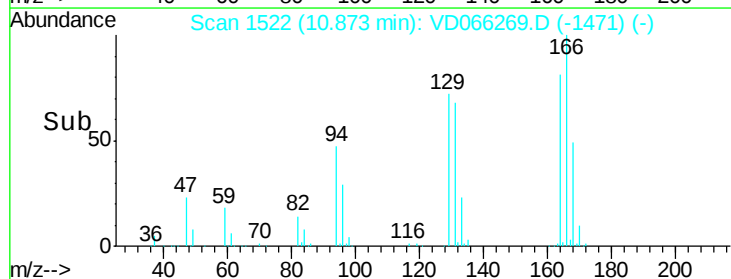
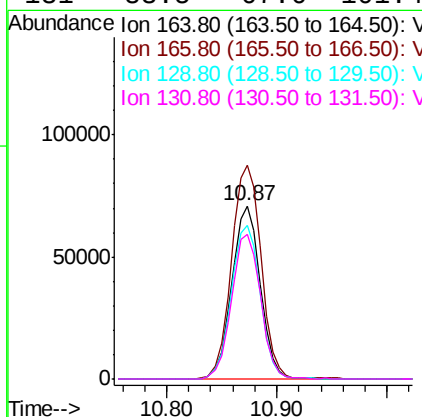
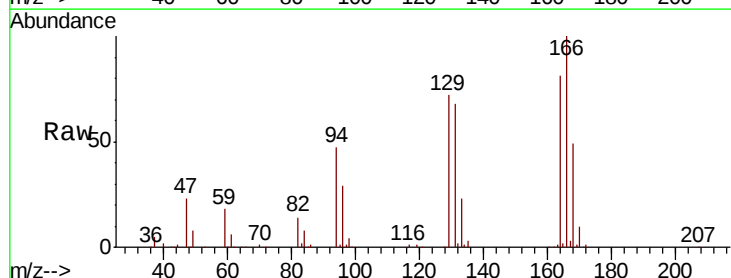
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

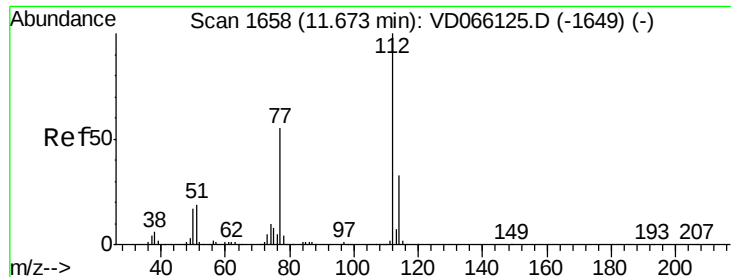
Tot Ion:117 Resp: 348727
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 33.1 26.1 39.1



#64
Tetrachloroethene
Concen: 47.965 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion:164 Resp: 128444
Ion Ratio Lower Upper
164 100
166 123.5 101.9 152.9
129 88.8 68.1 102.1
131 83.5 67.6 101.4

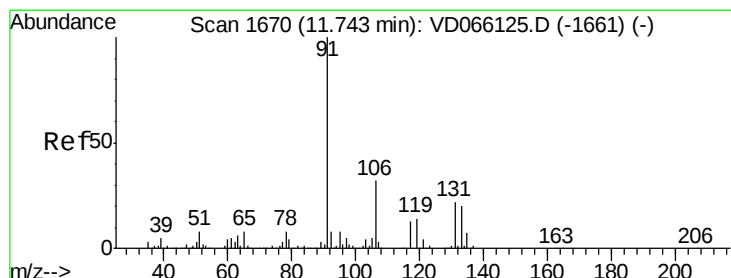
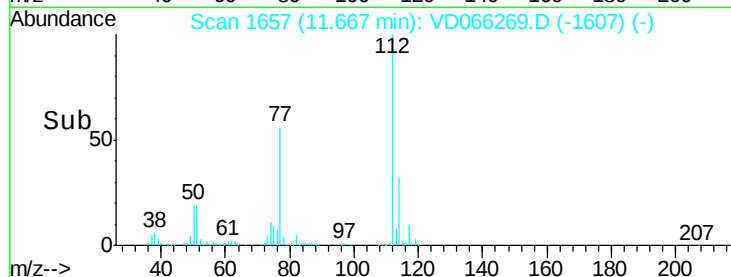
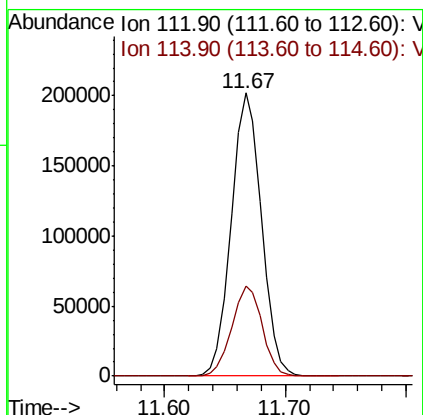
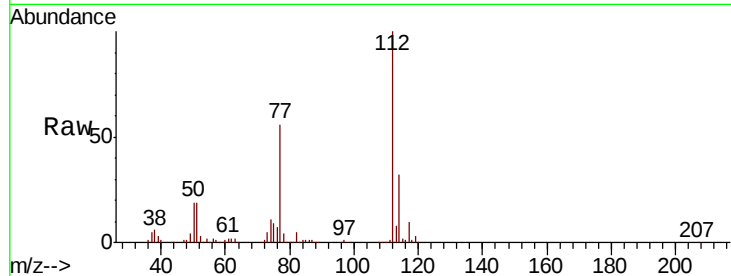




#65
Chlorobenzene
Concen: 49.706 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

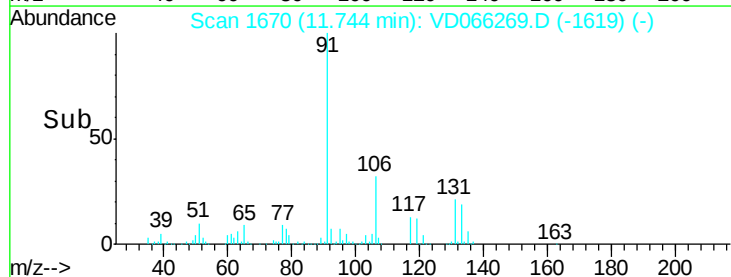
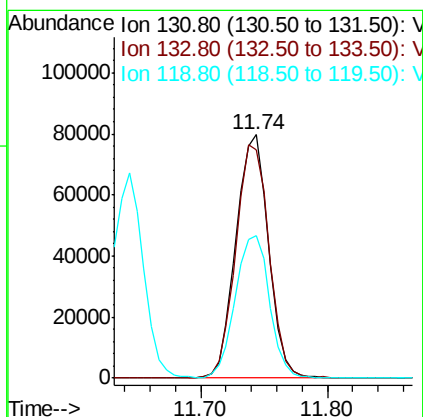
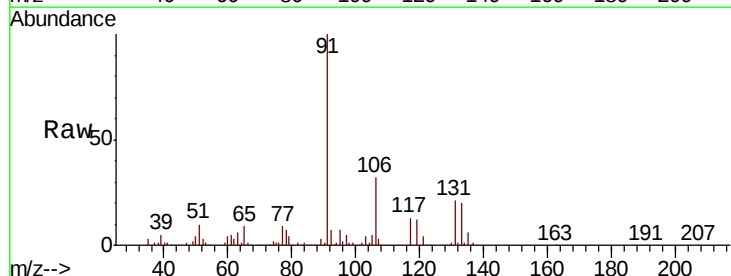
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

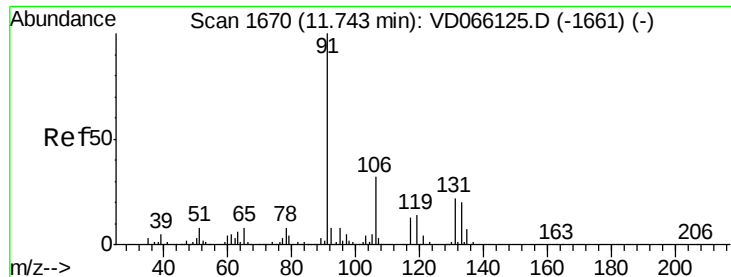
Tot Ion:112 Resp: 351881
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.200 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion:131 Resp: 141819
Ion Ratio Lower Upper
131 100
133 98.2 47.1 141.4
119 61.4 31.6 94.7

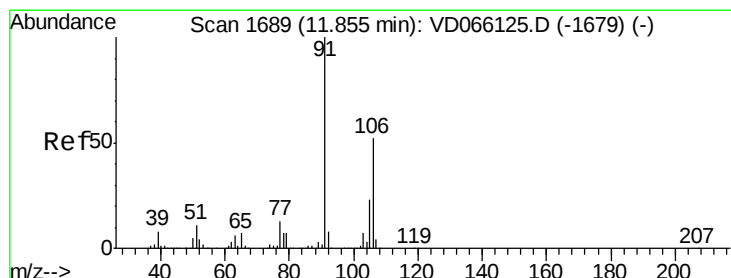
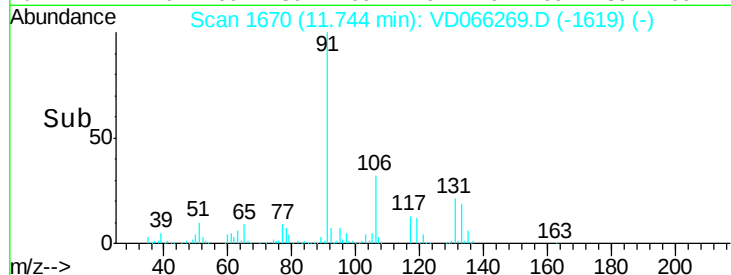
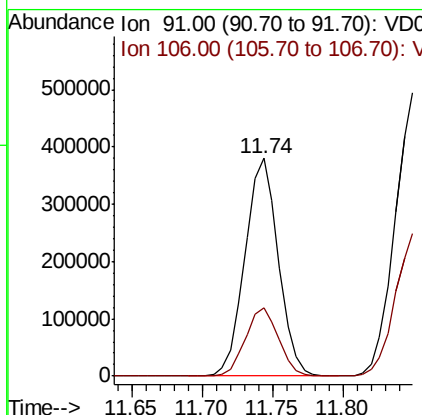
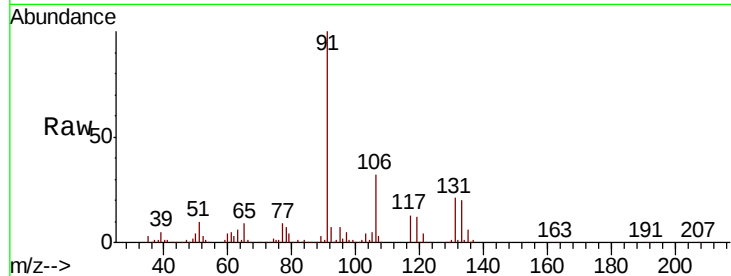




#67
Ethyl Benzene
Concen: 51.350 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

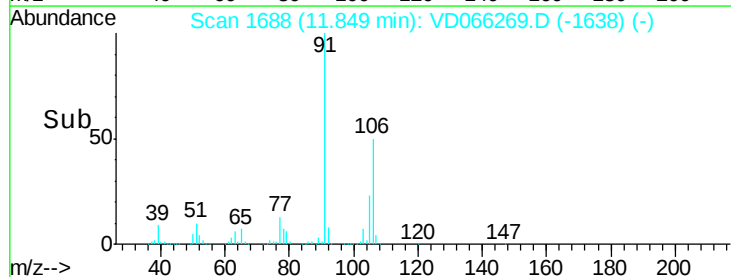
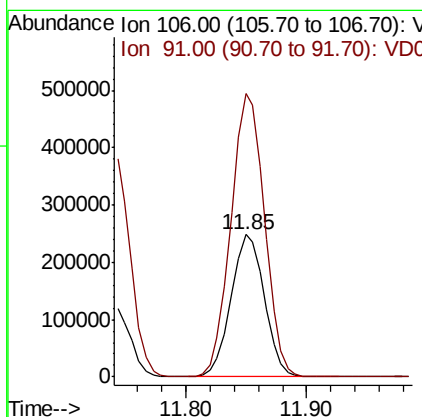
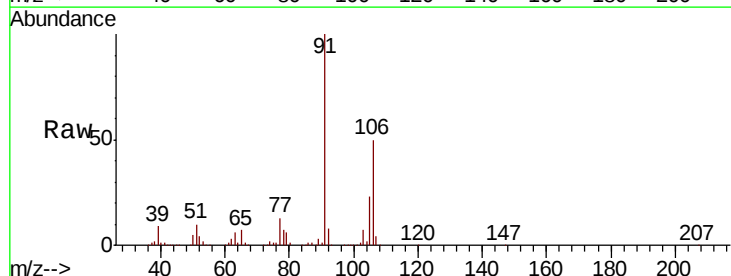
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

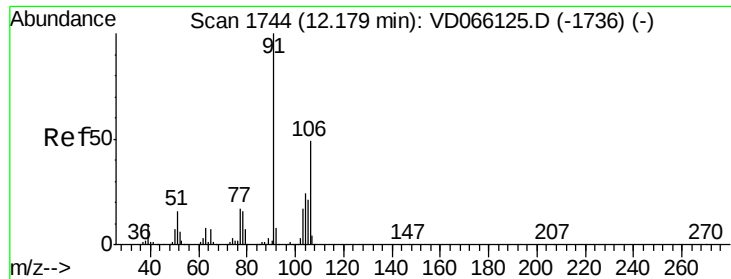
Tot Ion: 91 Resp: 629952
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 100.484 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 106 Resp: 477602
Ion Ratio Lower Upper
106 100
91 200.7 156.6 235.0

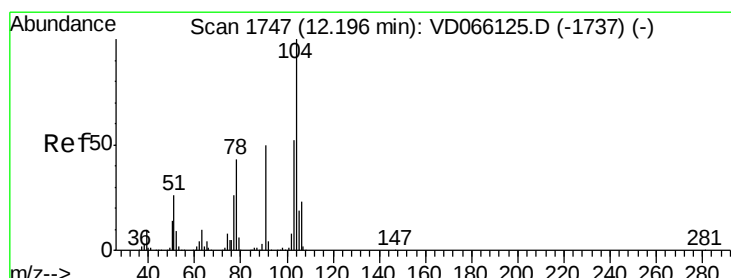
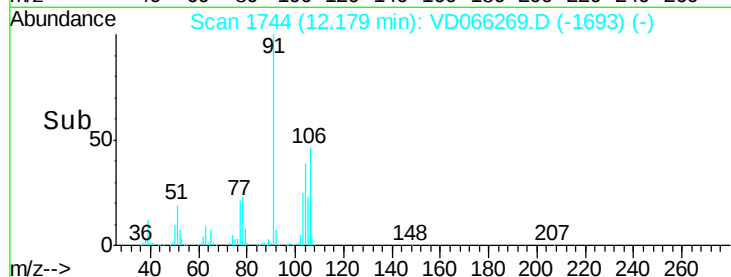
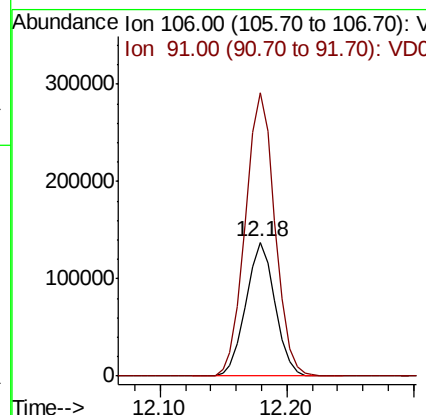
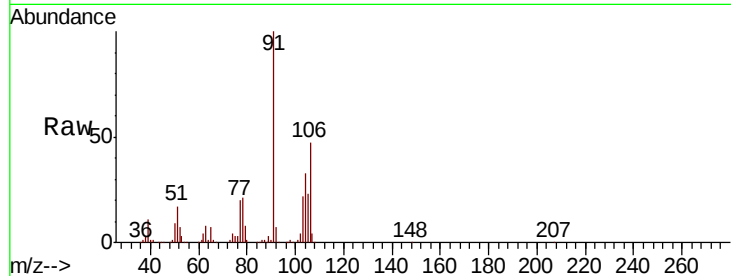




#69
o-Xylene
Concen: 50.679 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

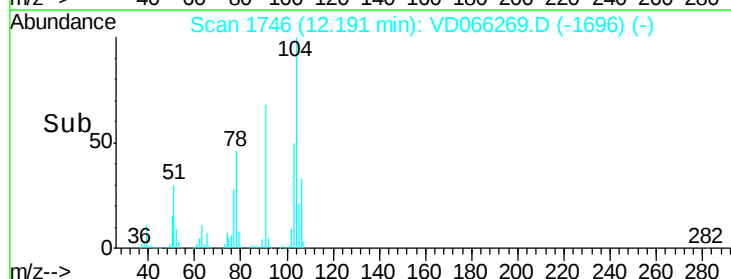
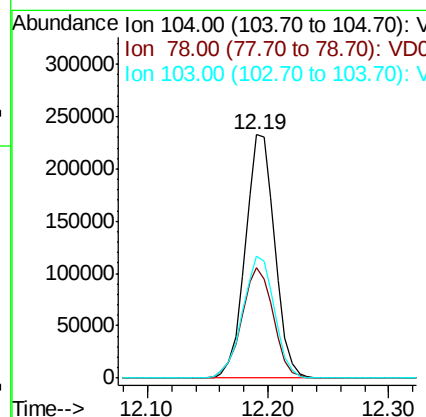
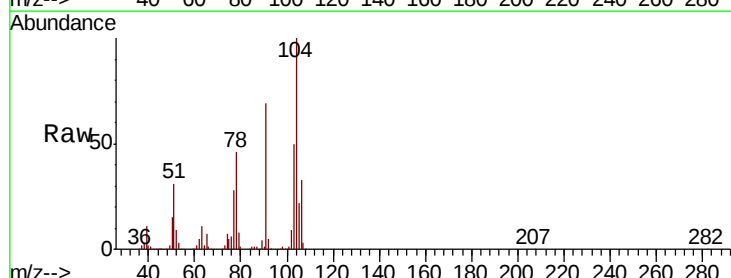
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

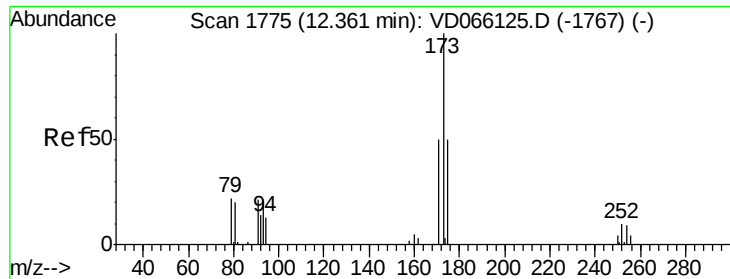
Tot Ion:106 Resp: 219121
Ion Ratio Lower Upper
106 100
91 214.9 105.7 317.1



#70
Styrene
Concen: 52.189 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion:104 Resp: 395459
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 54.2 44.1 66.1





#71

Bromoform

Concen: 52.168 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

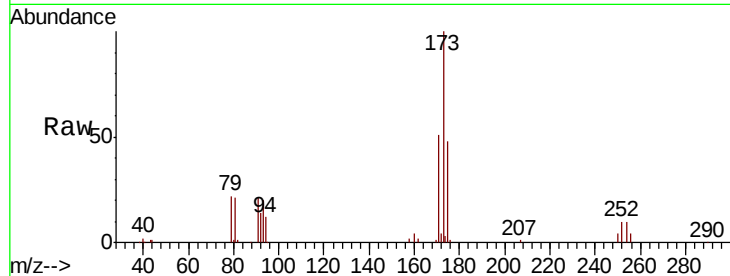
Tot Ion:173 Resp: 85613

Ion Ratio Lower Upper

173 100

175 46.9 24.6 73.6

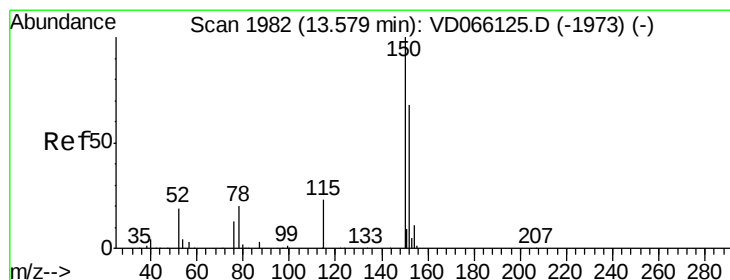
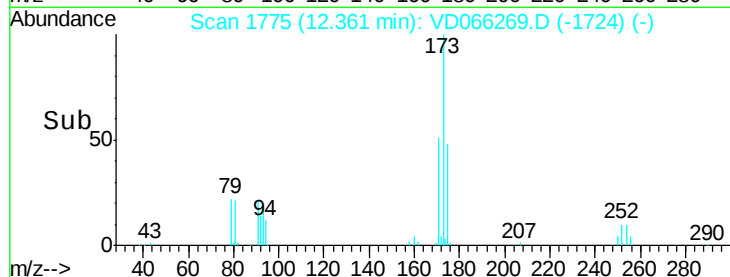
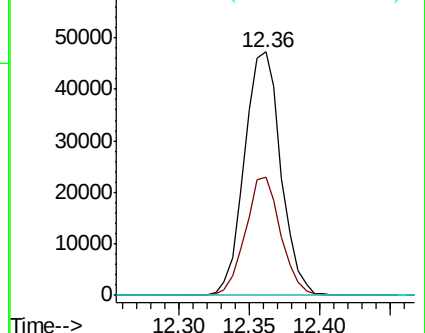
254 0.0 0.2 0.2#



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: VD066269.D

Acq: 17 Aug 2020 20:27

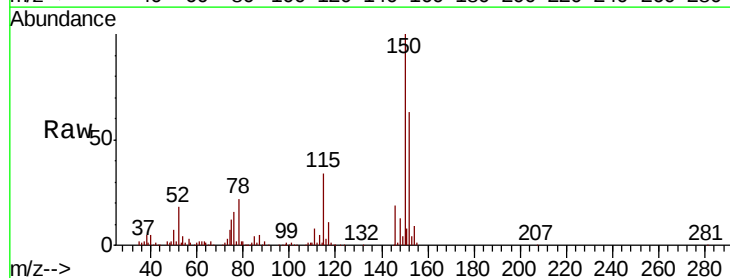
Tgt Ion:152 Resp: 185996

Ion Ratio Lower Upper

152 100

115 55.9 28.0 83.9

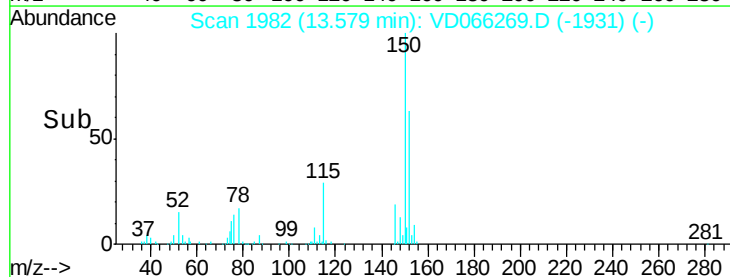
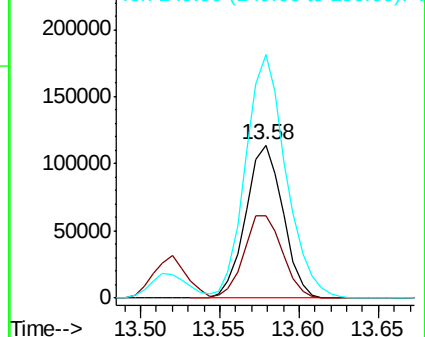
150 172.3 0.0 346.4

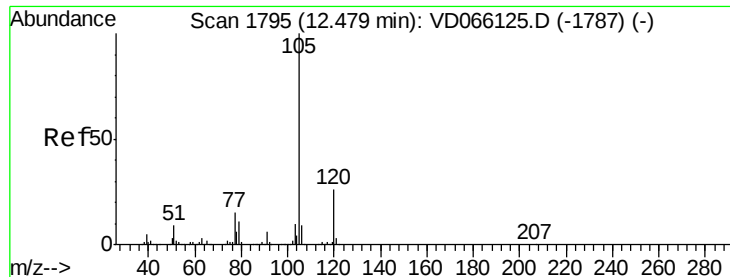


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.991 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

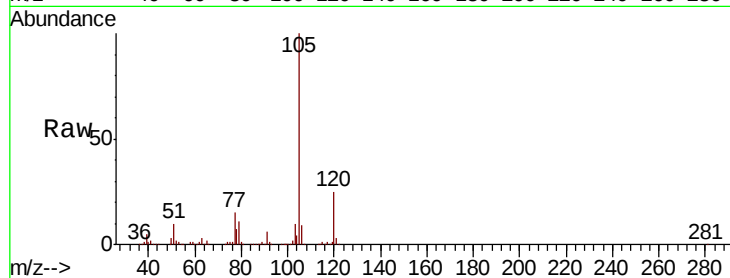
VSTDCCC050EC

Tot Ion:105 Resp: 620668

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

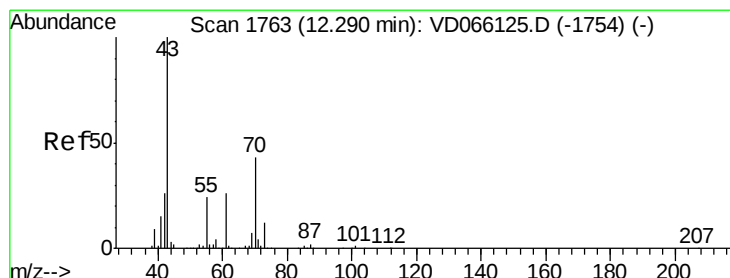
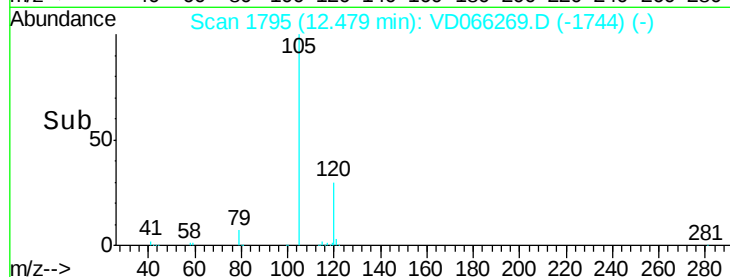
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.188 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion: 43 Resp: 137215

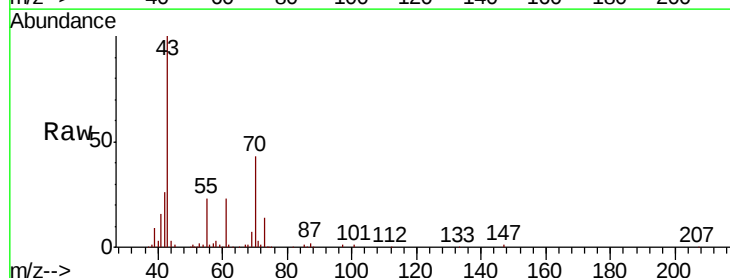
Ion Ratio Lower Upper

43 100

70 43.4 34.9 52.3

55 24.2 19.2 28.8

61 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

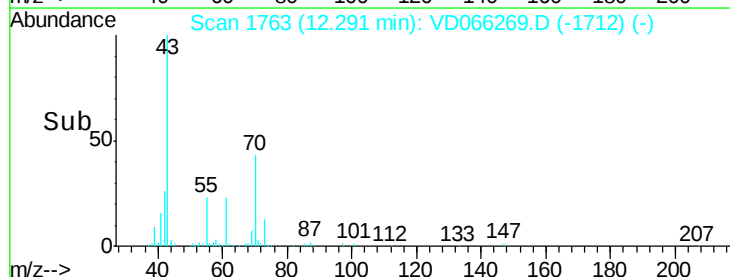
Ion 61.00 (60.70 to 61.70): V

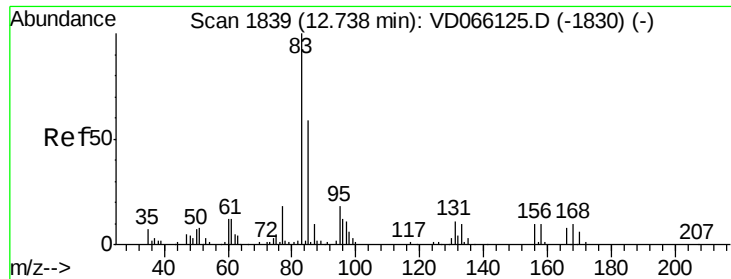
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.797 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

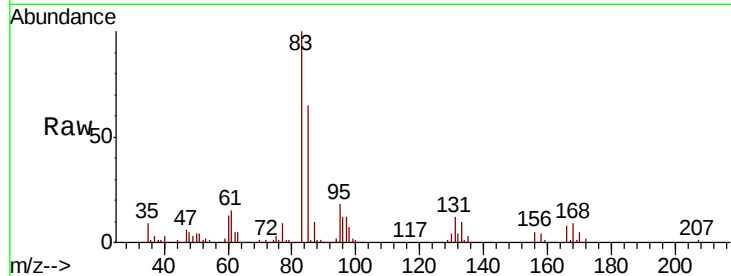
Tot Ion: 83 Resp: 103307

Ion Ratio Lower Upper

83 100

131 13.4 6.2 18.6

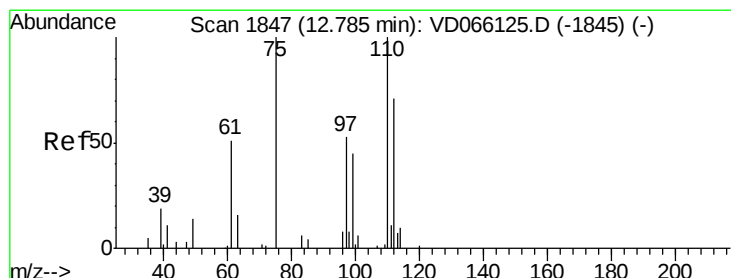
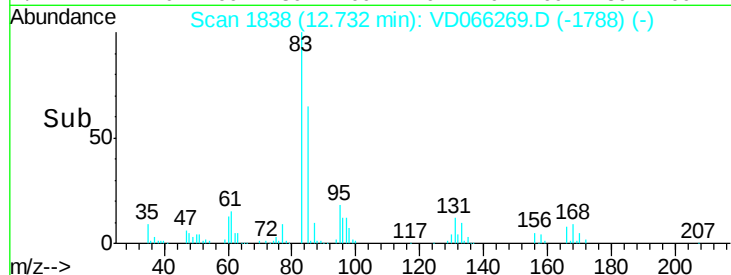
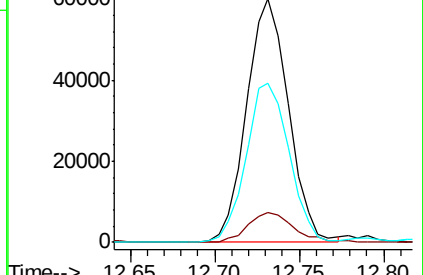
85 67.0 32.4 97.2



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: 90.573 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066269.D

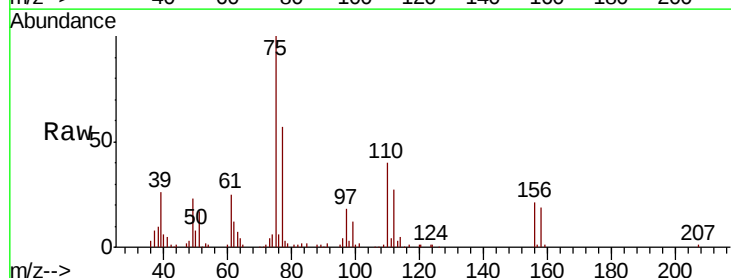
Acq: 17 Aug 2020 20:27

Tgt Ion: 75 Resp: 140485

Ion Ratio Lower Upper

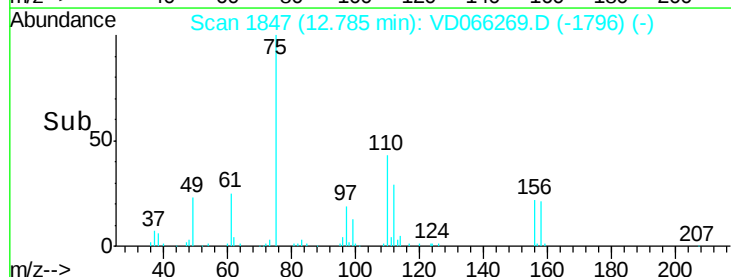
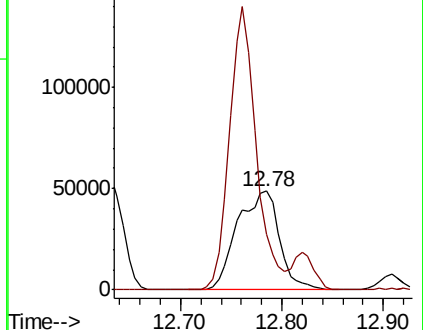
75 100

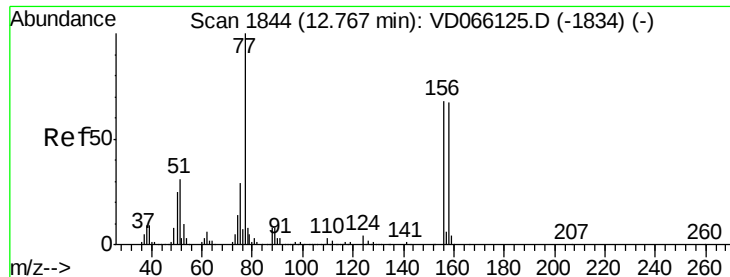
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.264 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

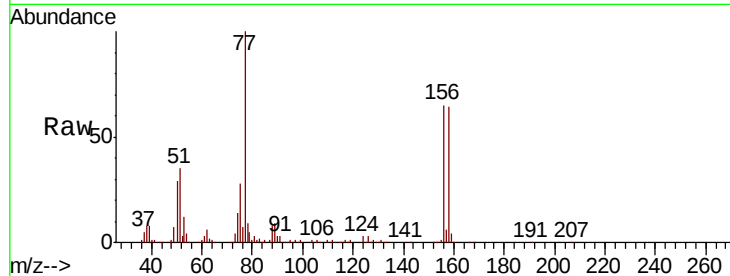
Tot Ion:156 Resp: 160647

Ion Ratio Lower Upper

156 100

77 159.8 81.0 243.1

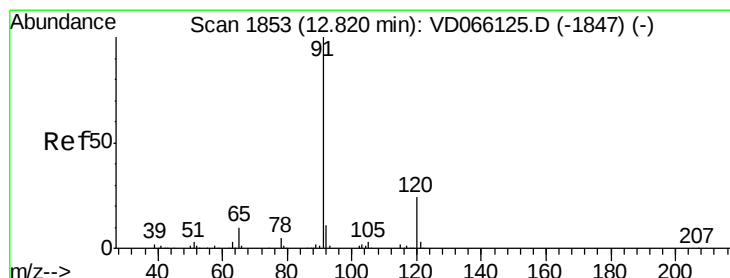
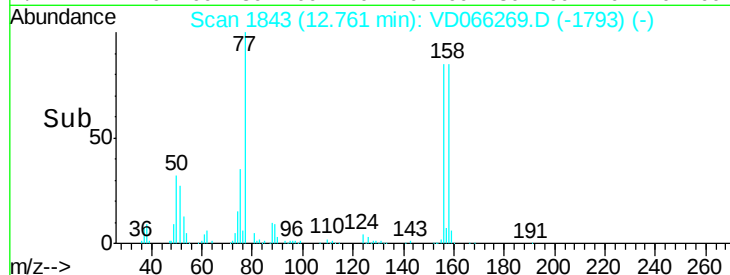
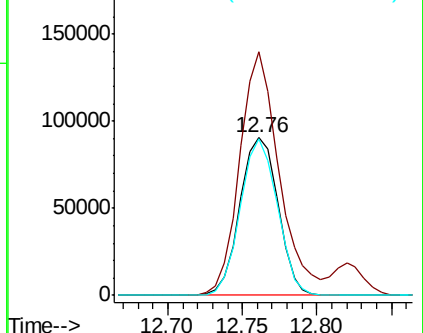
158 96.0 48.8 146.3



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: 49.279 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066269.D

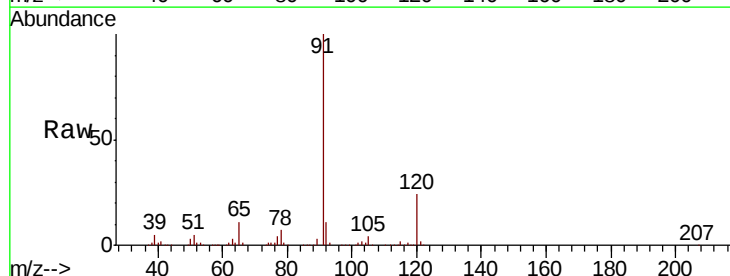
Acq: 17 Aug 2020 20:27

Tgt Ion: 91 Resp: 711214

Ion Ratio Lower Upper

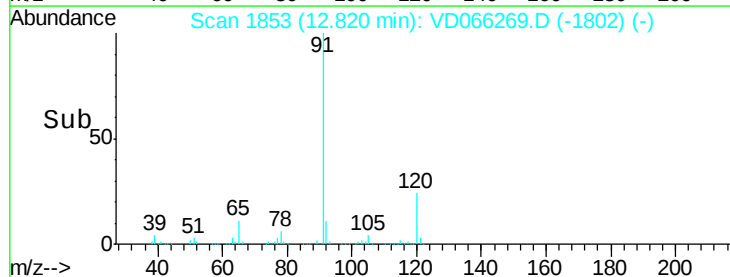
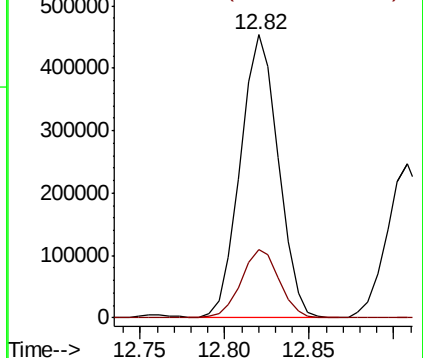
91 100

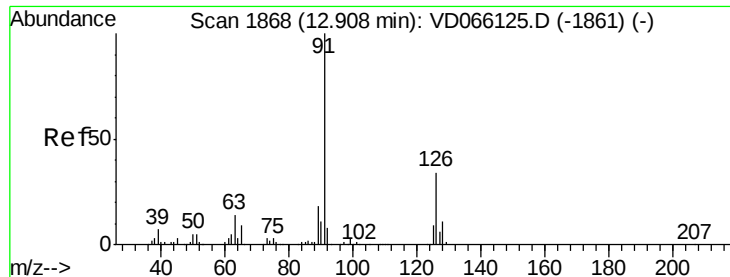
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.053 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

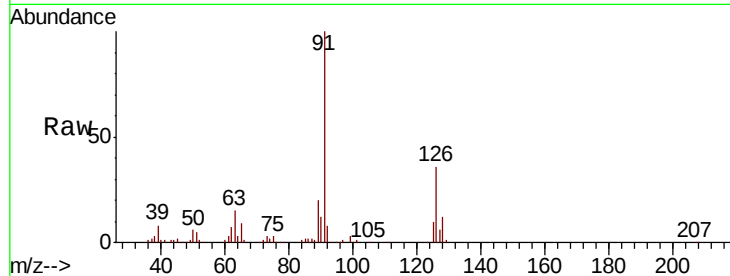
VSTDCCC050EC

Tot Ion: 91 Resp: 404902

Ion Ratio Lower Upper

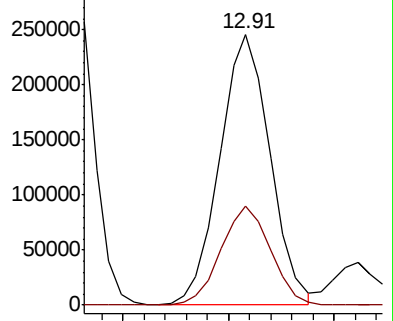
91 100

126 36.2 17.5 52.6

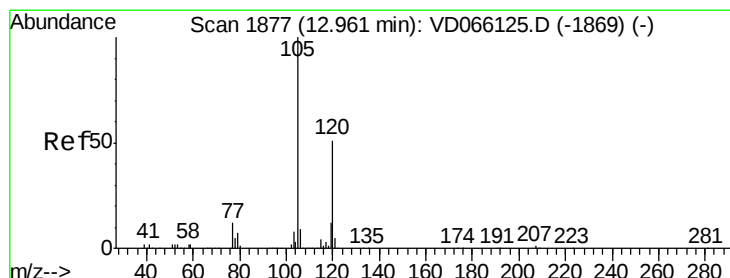
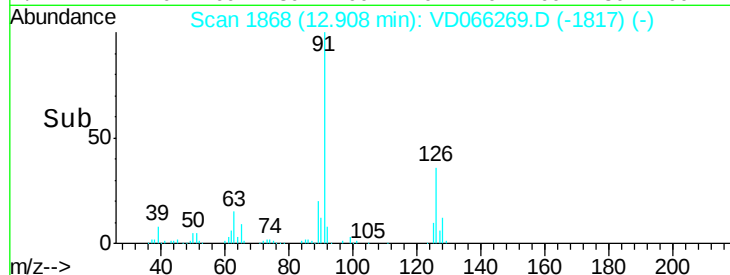


Abundance Ion 91.00 (90.70 to 91.70): VD066269.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066269.D (-1817) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.333 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066269.D

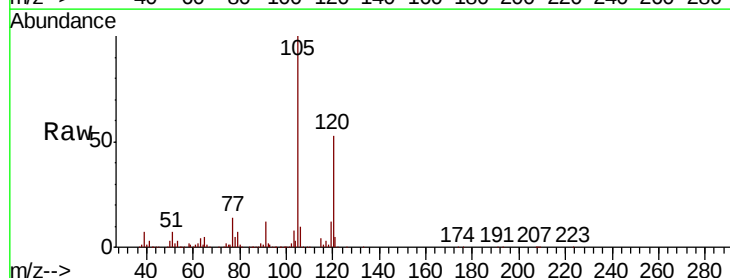
Acq: 17 Aug 2020 20:27

Tgt Ion:105 Resp: 522624

Ion Ratio Lower Upper

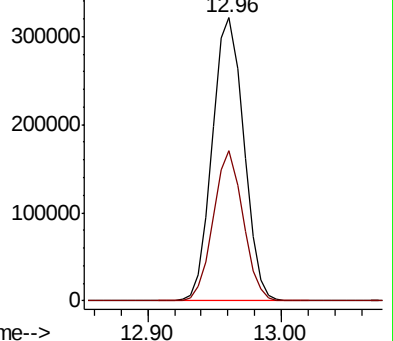
105 100

120 50.0 25.3 75.8

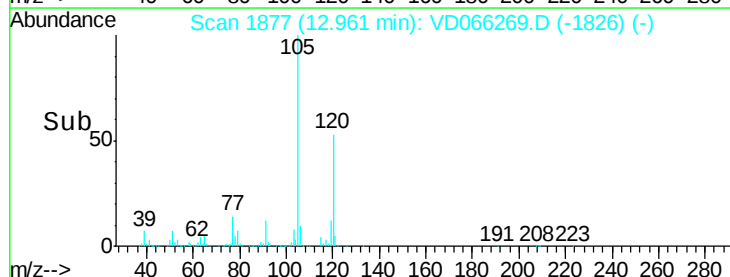


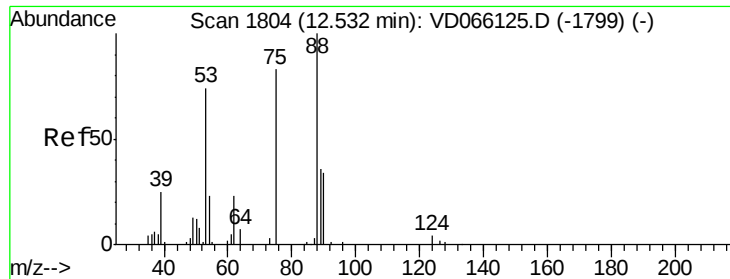
Abundance Ion 105.00 (104.70 to 105.70): VD066269.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066269.D (-1826) (-)



Time-->

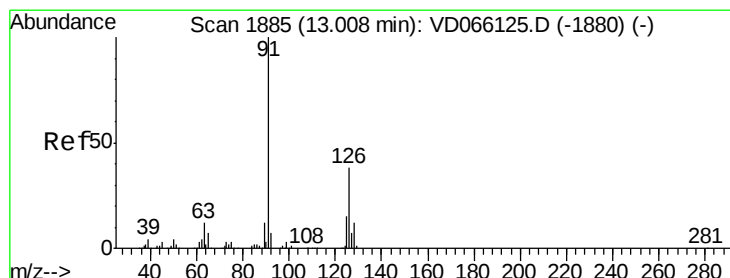
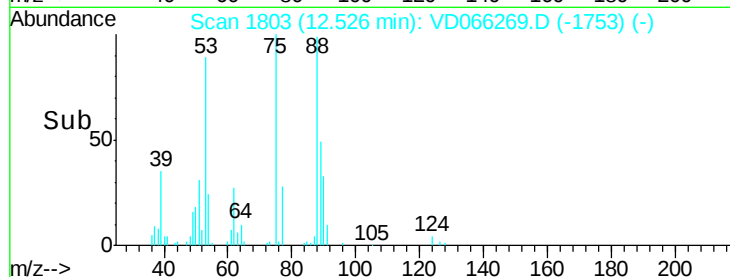
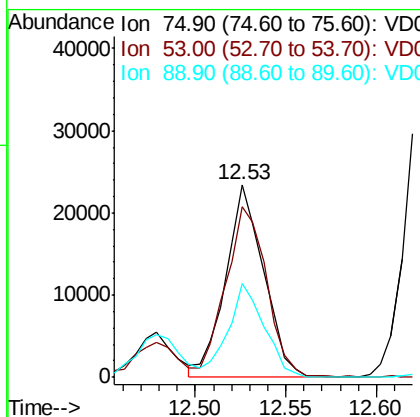
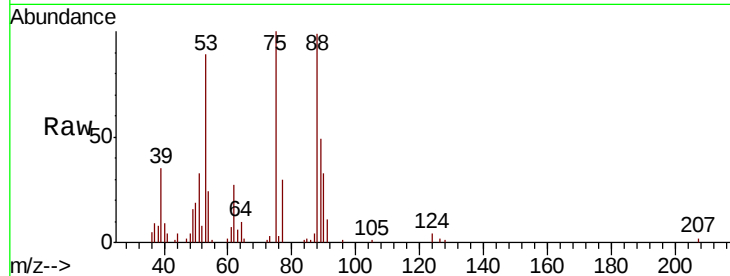




#81
trans-1,4-Dichloro-2-butene
Concen: 48.983 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

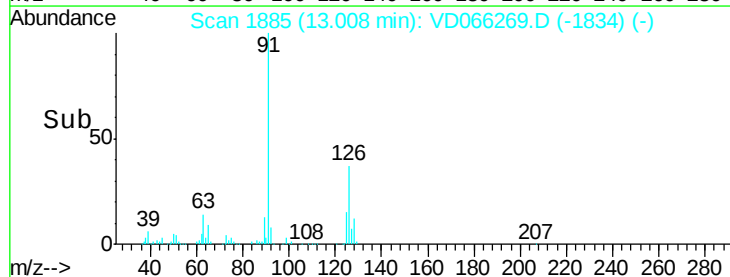
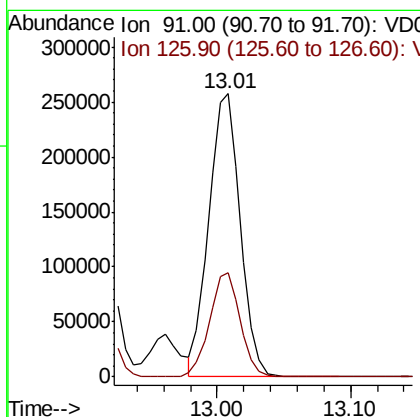
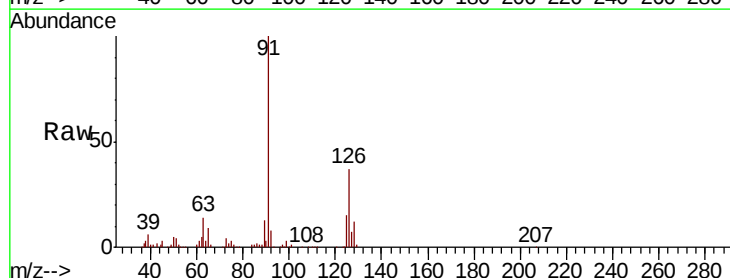
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

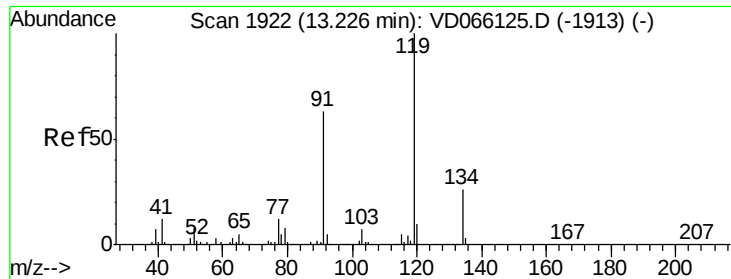
Tot Ion: 75 Resp: 34370
Ion Ratio Lower Upper
75 100
53 95.5 73.4 110.2
89 46.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.733 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 91 Resp: 424644
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3

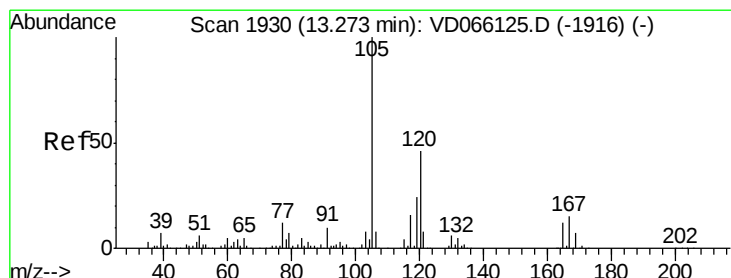
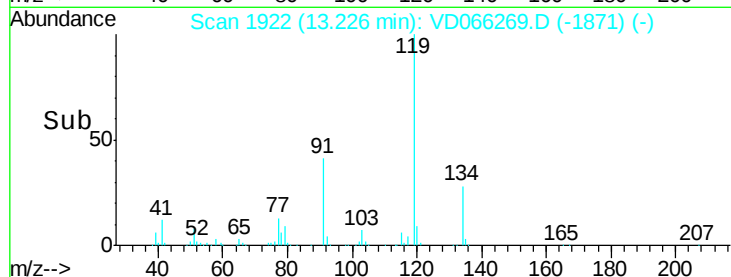
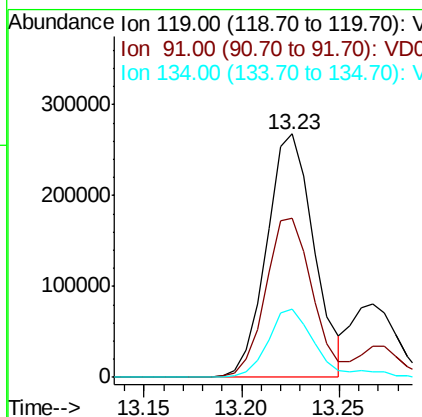
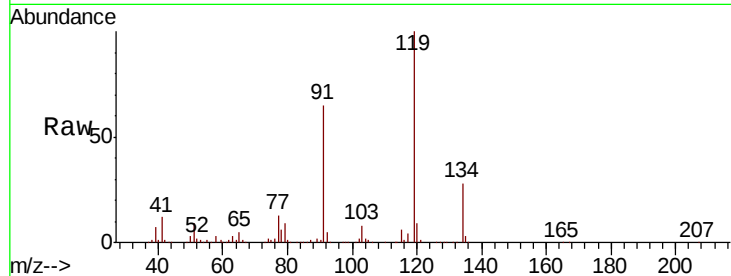




#83
tert-Butylbenzene
Concen: 49.352 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

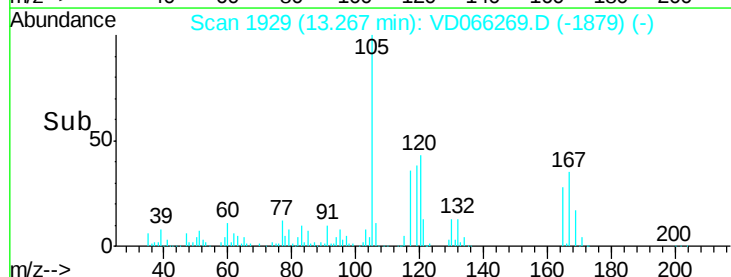
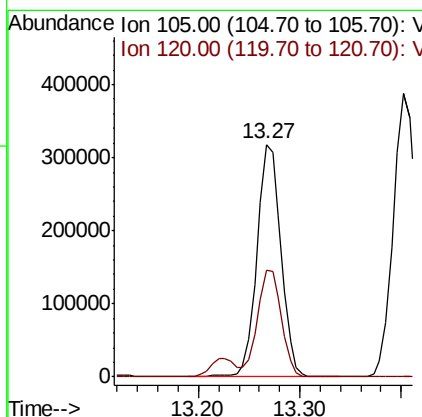
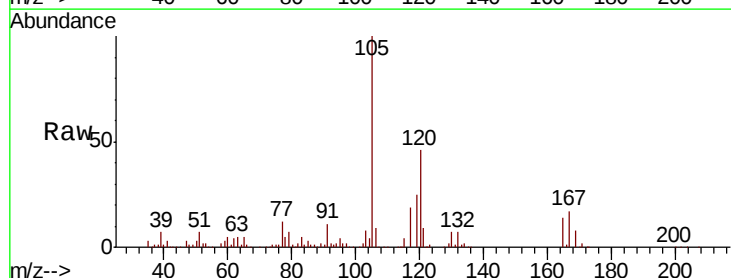
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

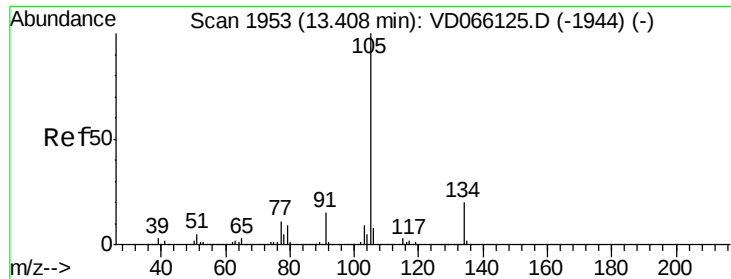
Tot Ion:119 Resp: 450659
Ion Ratio Lower Upper
119 100
91 65.4 30.8 92.4
134 28.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 50.081 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion:105 Resp: 520412
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.037 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

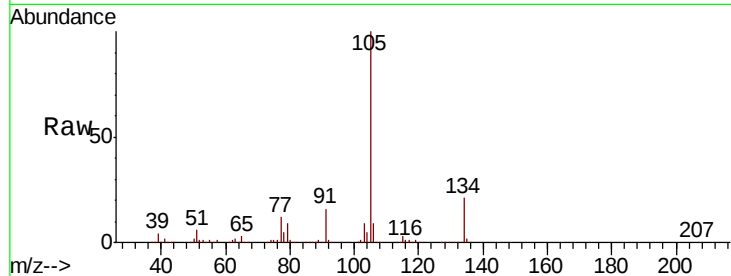
VSTDCCC050EC

Tot Ion:105 Resp: 616891

Ion Ratio Lower Upper

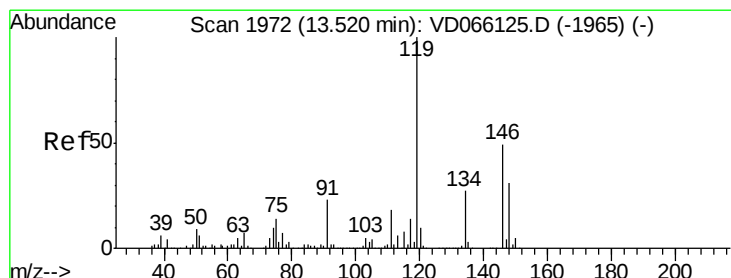
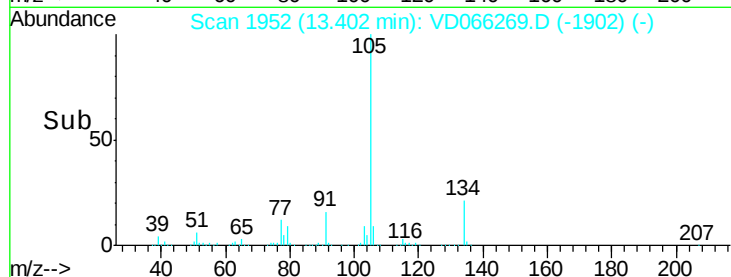
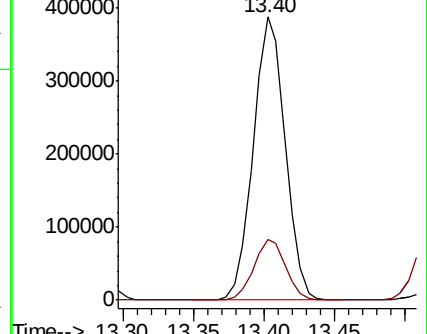
105 100

134 21.4 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: 50.384 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

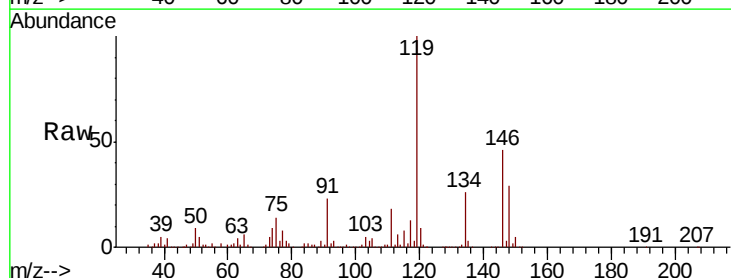
Tgt Ion:119 Resp: 582598

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

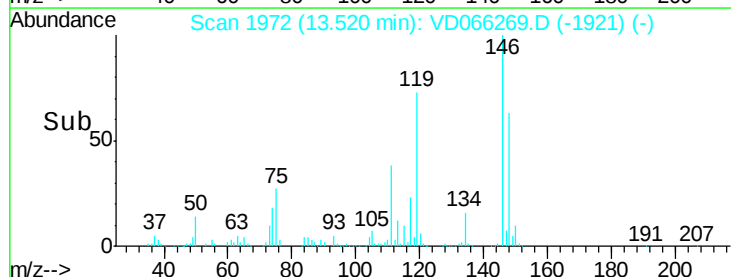
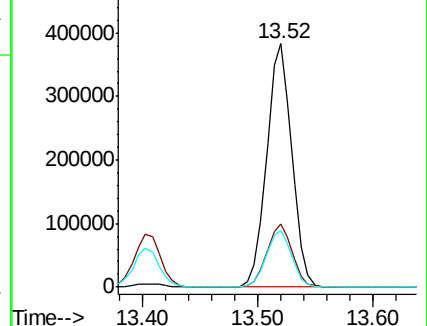
91 23.4 11.2 33.5

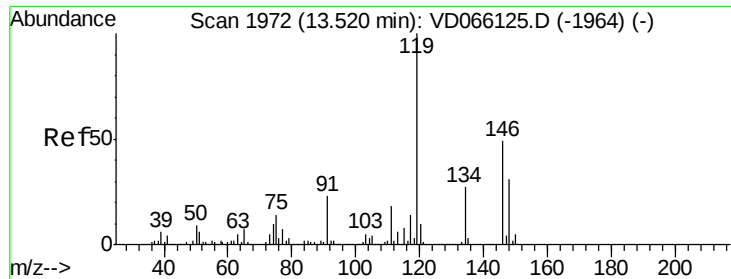


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

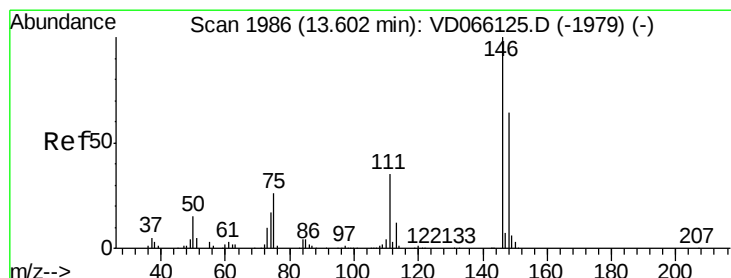
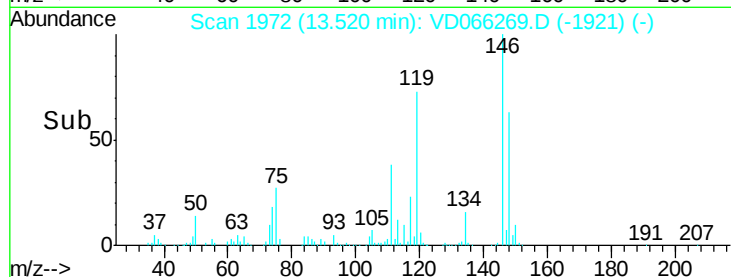
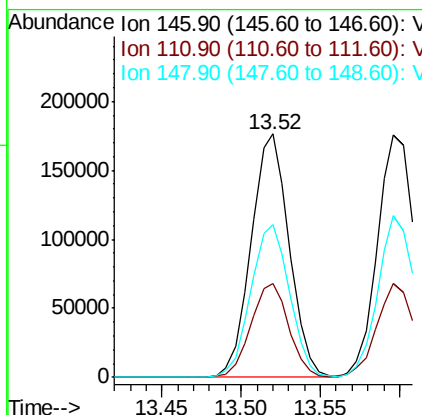
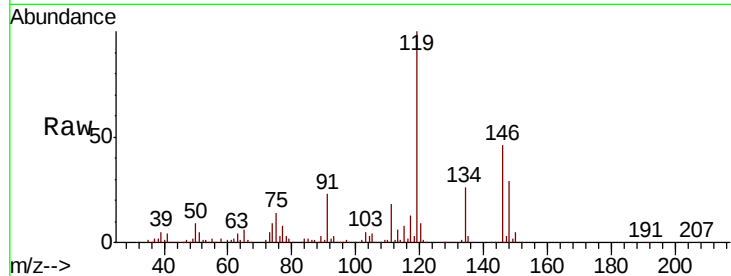




#87
 1,3-Dichlorobenzene
 Concen: 49.087 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

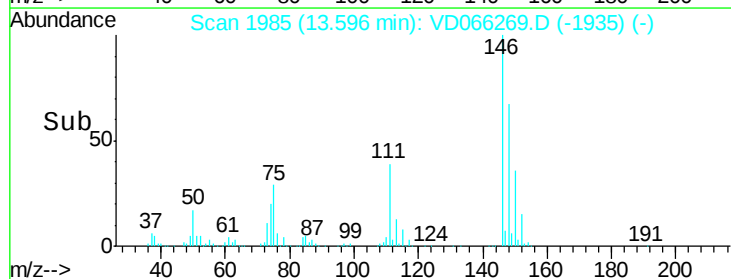
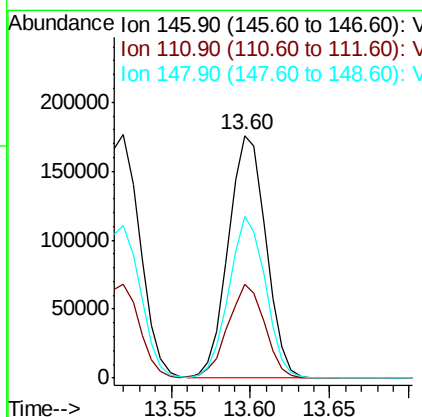
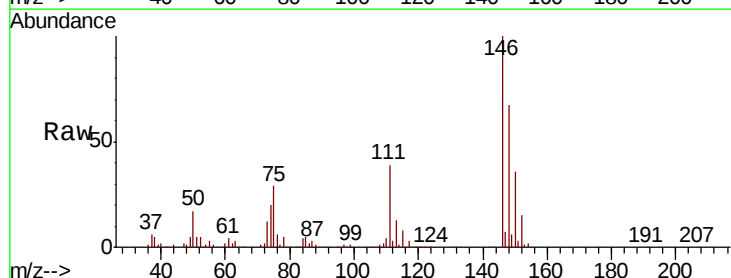
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

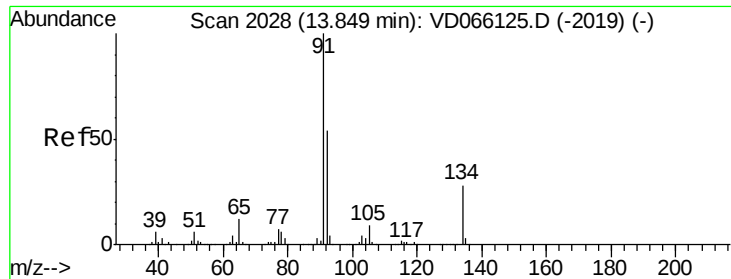
Tot Ion:146 Resp: 294858
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.333 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion:146 Resp: 289538
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.9 32.4 97.0

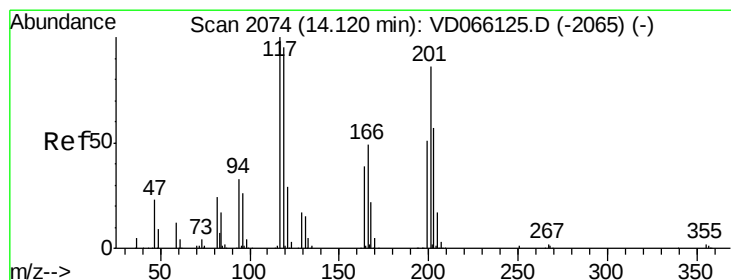
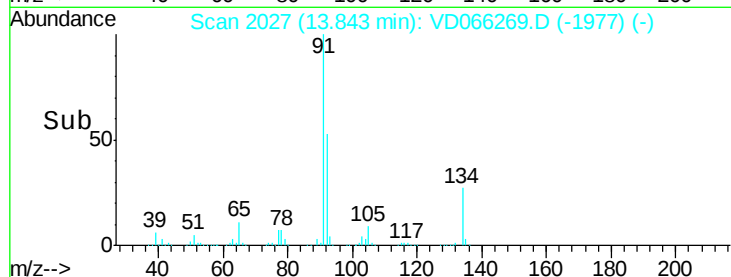
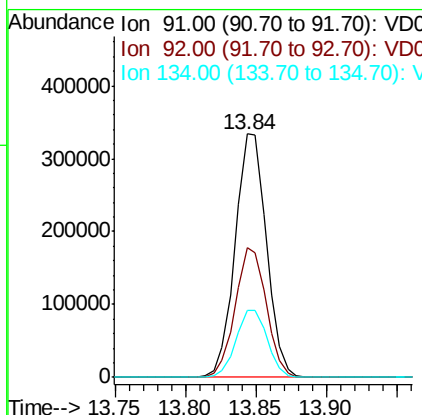
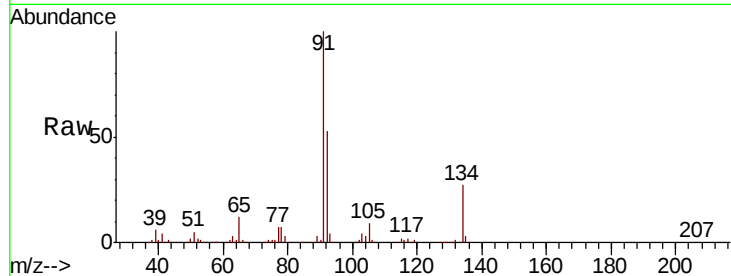




#89
n-Butylbenzene
Concen: 49.930 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

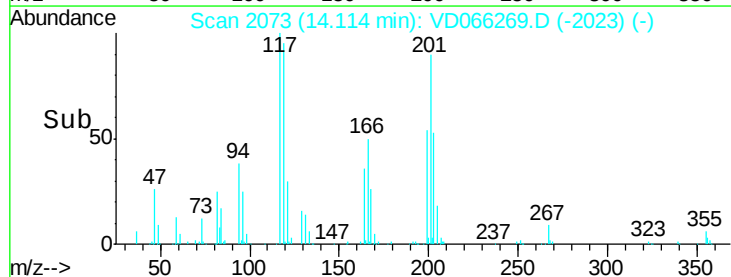
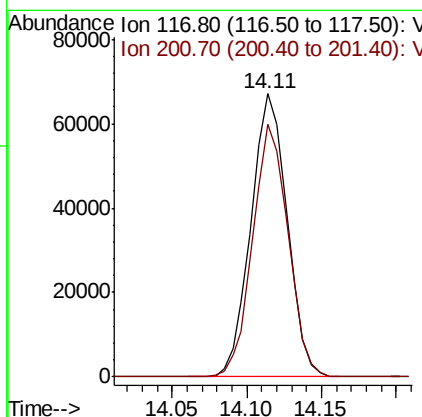
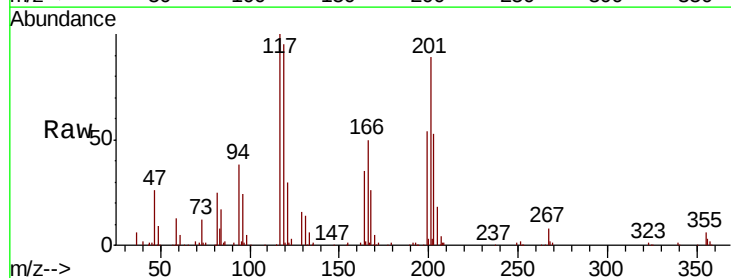
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

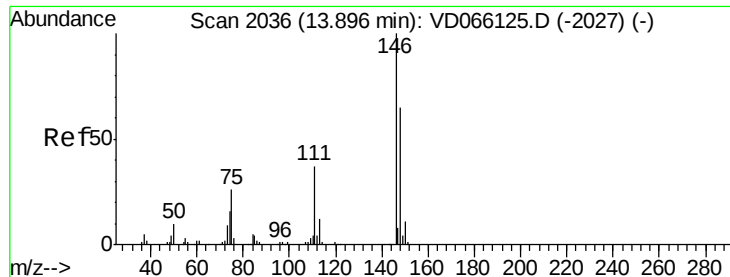
Tot Ion: 91 Resp: 517281
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 27.9 14.0 41.9



#90
Hexachloroethane
Concen: 48.713 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 117 Resp: 112342
Ion Ratio Lower Upper
117 100
201 87.4 42.7 128.1

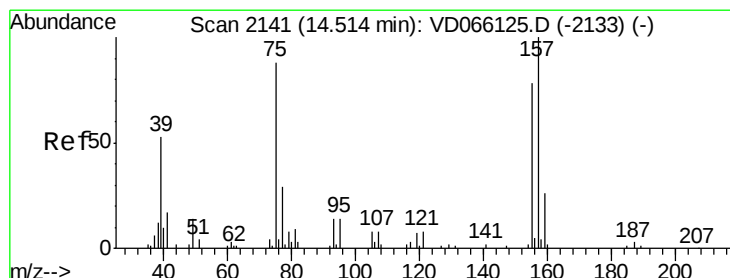
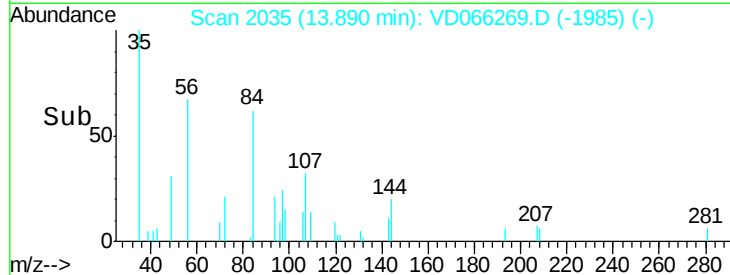
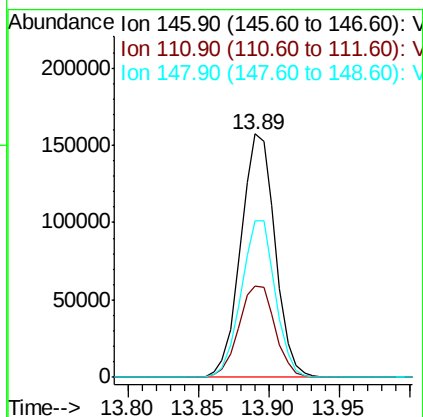
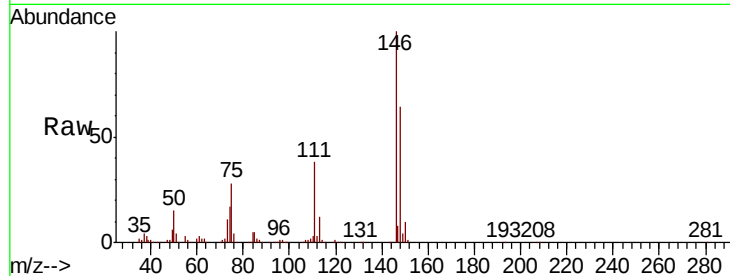




#91
 1,2-Dichlorobenzene
 Concen: 50.282 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

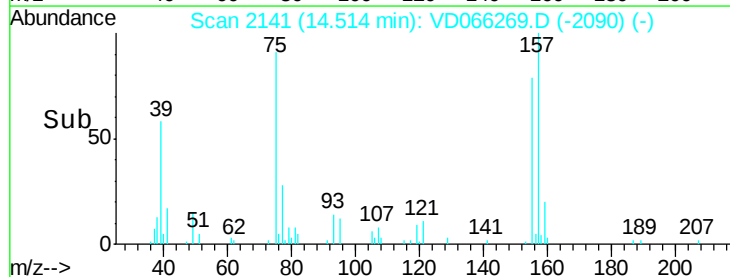
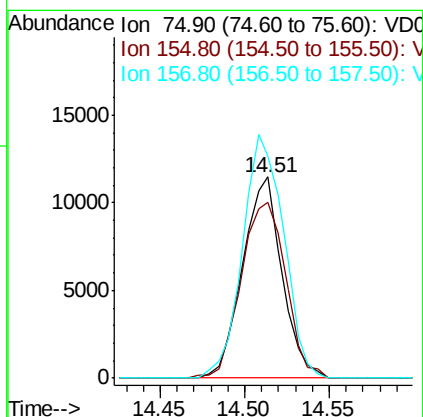
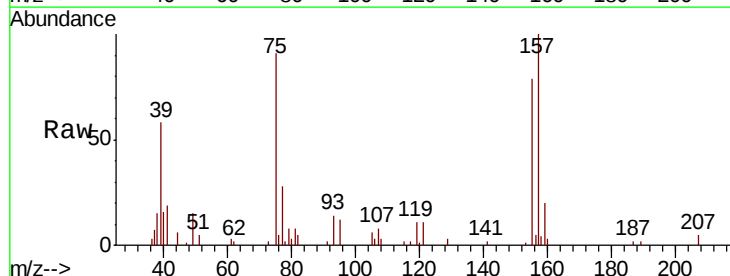
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

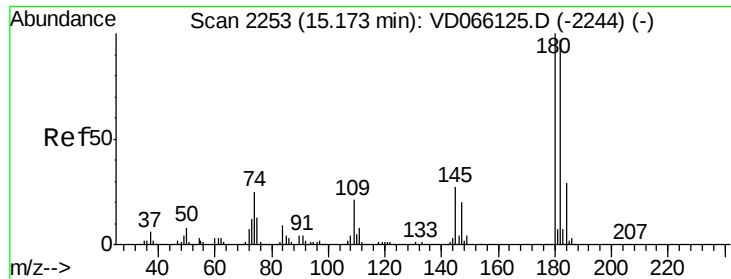
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.168 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	47.7	143.1
157	126.6	62.1	186.2

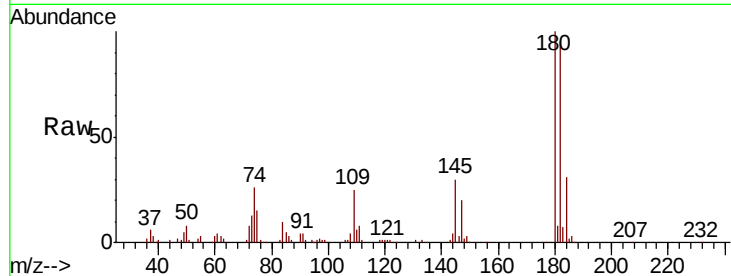




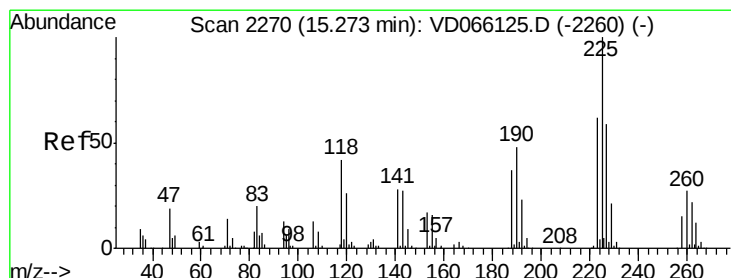
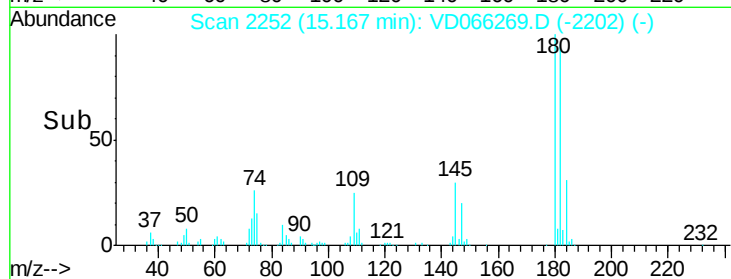
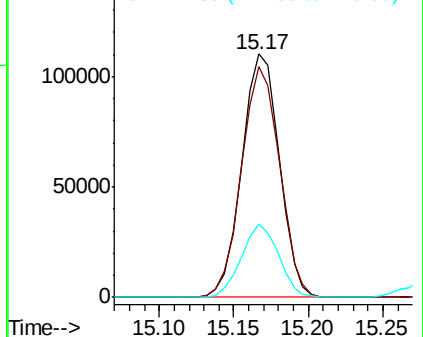
#93
 1,2,4-Trichlorobenzene
 Concen: 49.040 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.2
145	29.9	14.5	43.6

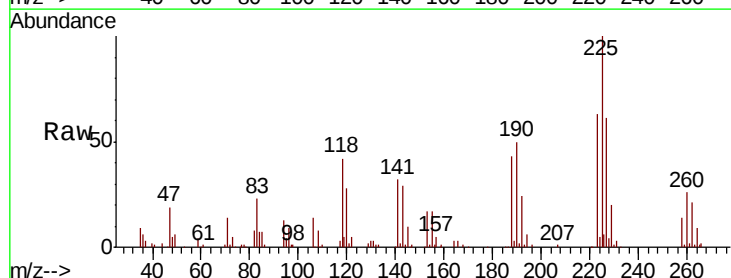


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

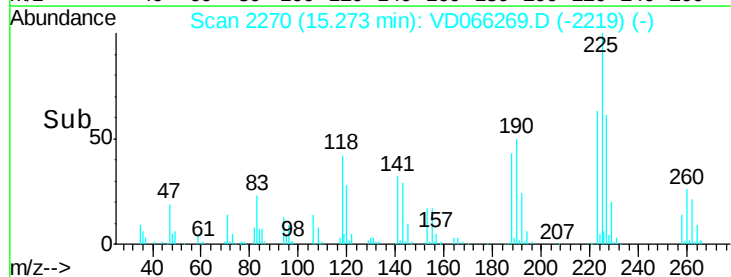
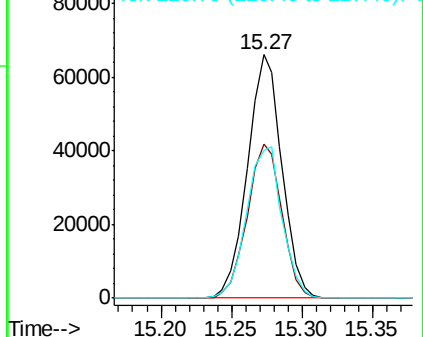


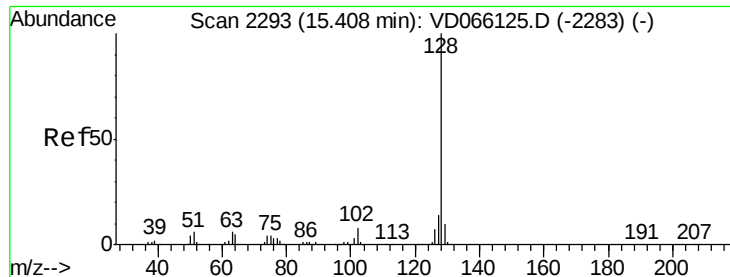
#94
 Hexachlorobutadiene
 Concen: 48.920 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.3	96.9
227	64.4	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: 52.448 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

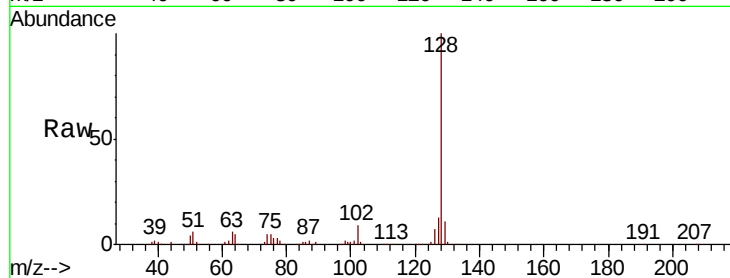
Tot Ion:128 Resp: 334559

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

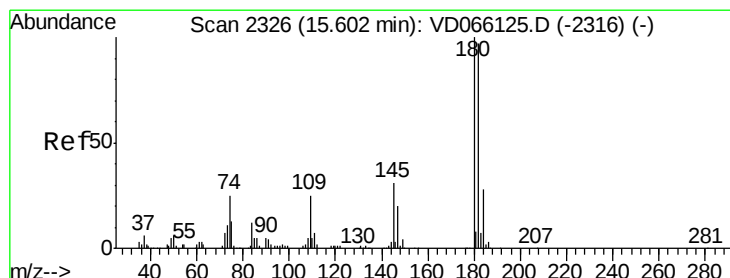
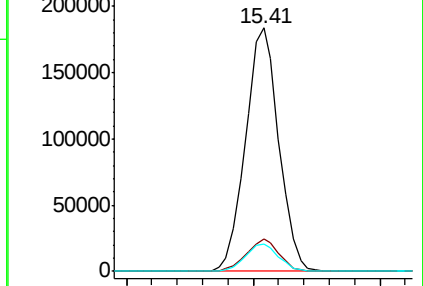
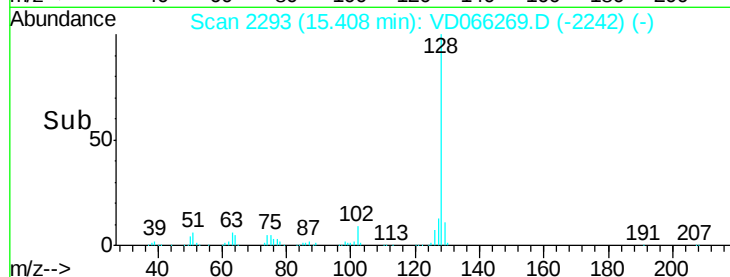
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.275 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

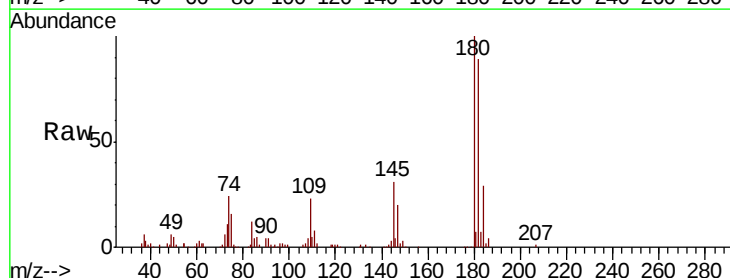
Tgt Ion:180 Resp: 173746

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.4

145 31.5 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

