

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065785.D
 Acq On : 08 Jun 2020 17:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 06:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	201594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	320654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	306339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	107626	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	7.92	113	104166	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.34	98	404402	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.64	95	139493	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	64625	47.464	ug/l	97
3) Chloromethane	2.21	50	128576	57.837	ug/l	99
4) Vinyl Chloride	2.35	62	147718	49.666	ug/l	100
5) Bromomethane	2.77	94	104464	50.223	ug/l	97
6) Chloroethane	2.92	64	104217	51.822	ug/l	97
7) Trichlorofluoromethane	3.28	101	168102	49.885	ug/l	91
8) Diethyl Ether	3.71	74	45919	51.830	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	97549	48.547	ug/l	98
10) Methyl Iodide	4.30	142	98587	50.385	ug/l	99
11) Tert butyl alcohol	5.22	59	32940	302.481	ug/l	98
12) 1,1-Dichloroethene	4.07	96	91734	50.090	ug/l	99
13) Acrolein	3.92	56	24996	223.401	ug/l	89
14) Allyl chloride	4.72	41	157526	52.042	ug/l	98
15) Acrylonitrile	5.42	53	111186	276.315	ug/l	99
16) Acetone	4.16	43	107562	286.253	ug/l	95
17) Carbon Disulfide	4.41	76	301982	49.129	ug/l	99
18) Methyl Acetate	4.72	43	47992	57.144	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	228376	55.054	ug/l	94
20) Methylene Chloride	4.96	84	110858	56.095	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	110332	51.443	ug/l	93
22) Diisopropyl ether	6.36	45	341275	55.801	ug/l	98
23) Vinyl Acetate	6.31	43	1005961	291.279	ug/l	99
24) 1,1-Dichloroethane	6.27	63	194824	52.282	ug/l	99
25) 2-Butanone	7.21	43	147277	283.801	ug/l #	90
26) 2,2-Dichloropropane	7.21	77	171021	51.759	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123764	53.645	ug/l	98
28) Bromochloromethane	7.55	49	79296	55.096	ug/l	98
29) Tetrahydrofuran	7.56	42	92695	282.621	ug/l	97
30) Chloroform	7.71	83	207325	53.676	ug/l	98
31) Cyclohexane	7.98	56	177947	49.811	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	185309	52.176	ug/l	98
36) 1,1-Dichloropropene	8.11	75	161182	52.474	ug/l	99
37) Ethyl Acetate	7.30	43	66415	54.894	ug/l	97
38) Carbon Tetrachloride	8.10	117	169033	52.290	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	190589	52.407	ug/l	99
40) Benzene	8.36	78	443418	52.805	ug/l	99
41) Methacrylonitrile	7.53	41	37652	52.264	ug/l	89
42) 1,2-Dichloroethane	8.43	62	133938	52.863	ug/l	100
43) Isopropyl Acetate	8.46	43	133211	55.369	ug/l	99
44) Trichloroethene	9.11	130	120729	51.663	ug/l	97
45) 1,2-Dichloropropane	9.39	63	111150	52.679	ug/l	97
46) Dibromomethane	9.48	93	60943	53.256	ug/l	98
47) Bromodichloromethane	9.67	83	162398	52.959	ug/l	99
48) Methyl methacrylate	9.46	41	61752	53.026	ug/l	95
49) 1,4-Dioxane	9.46	88	13689	1123.887	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	331687	281.353	ug/l	98
52) Toluene	10.41	92	296119	54.272	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	152754	55.011	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	180979	55.185	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	83092	54.344	ug/l	99
56) Ethyl methacrylate	10.66	69	103255	57.414	ug/l	99
57) 1,3-Dichloropropane	10.95	76	141989	53.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	239431	286.359	ug/l	98
59) 2-Hexanone	10.99	43	229422	288.652	ug/l	98
60) Dibromochloromethane	11.14	129	111709	54.082	ug/l	98
61) 1,2-Dibromoethane	11.25	107	82280	54.757	ug/l	98
64) Tetrachloroethene	10.88	164	105469	50.915	ug/l	96
65) Chlorobenzene	11.67	112	305692	51.115	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	117765	52.827	ug/l	100
67) Ethyl Benzene	11.75	91	563790	52.771	ug/l	97
68) m/p-Xylenes	11.85	106	441956	107.397	ug/l	98
69) o-Xylene	12.18	106	197026	53.101	ug/l	98
70) Styrene	12.20	104	350848	54.622	ug/l	99
71) Bromoform	12.37	173	65731	53.545	ug/l #	98
73) Isopropylbenzene	12.48	105	547033	51.710	ug/l	99
74) N-amyl acetate	12.30	43	127085	53.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	92175	51.592	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	121425	98.952	ug/l #	100
77) Bromobenzene	12.77	156	131737	52.632	ug/l	97
78) n-propylbenzene	12.83	91	665842	52.289	ug/l	99
79) 2-Chlorotoluene	12.91	91	362225	51.853	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	460134	52.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31266	55.051	ug/l	92
82) 4-Chlorotoluene	13.01	91	396067	52.822	ug/l	98
83) tert-Butylbenzene	13.23	119	399627	52.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	466974	52.996	ug/l	100
85) sec-Butylbenzene	13.41	105	565293	53.177	ug/l	98
86) p-Isopropyltoluene	13.52	119	518420	53.207	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	255272	51.725	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	252419	51.417	ug/l	98
89) n-Butylbenzene	13.85	91	489396	52.665	ug/l	99
90) Hexachloroethane	14.12	117	100384	51.472	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	223585	52.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14687	49.396	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

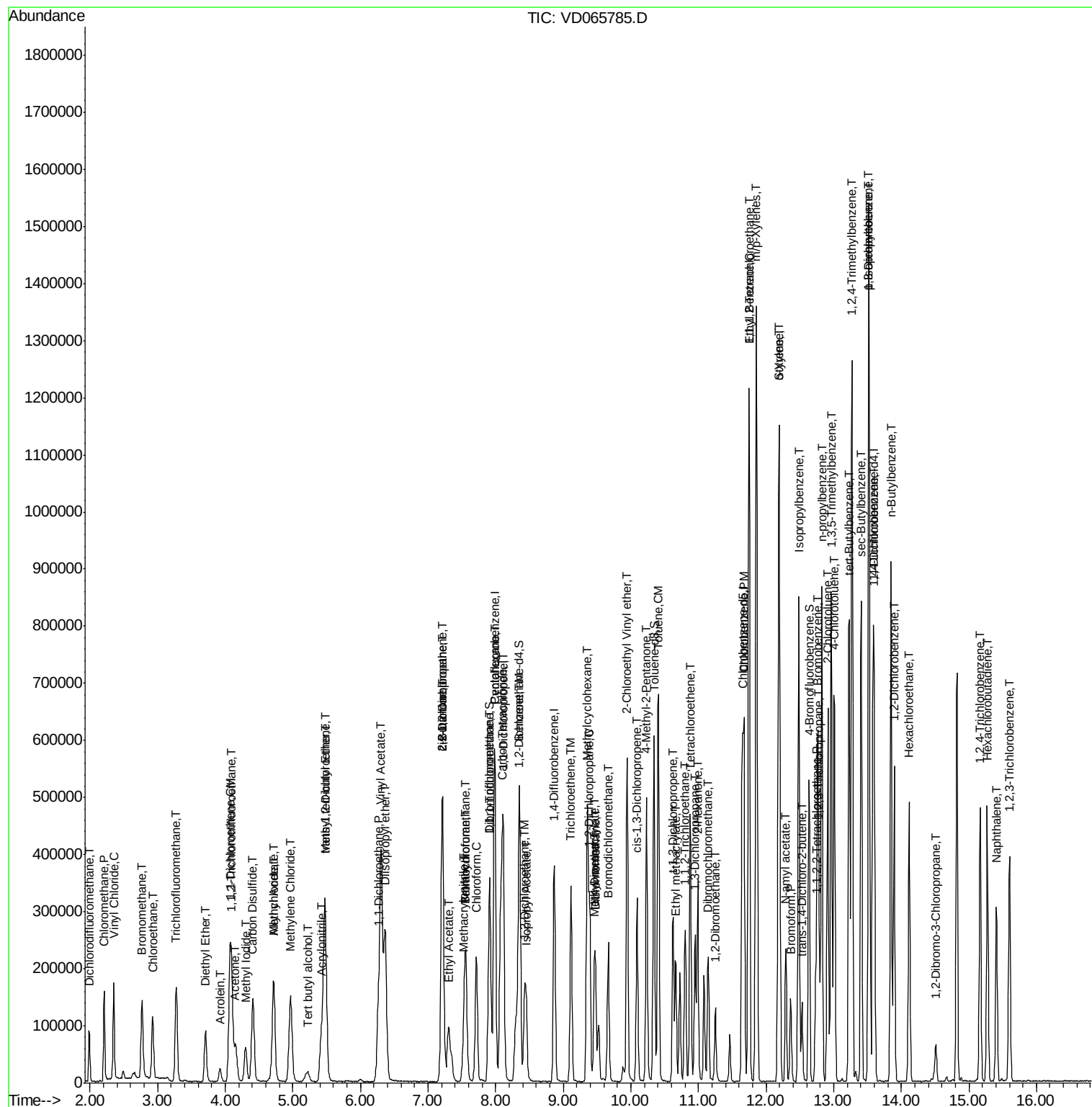
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	152661	52.863	ug/l	99
94) Hexachlorobutadiene	15.27	225	85996	49.260	ug/l	99
95) Naphthalene	15.41	128	266819	54.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	131953	53.052	ug/l	98

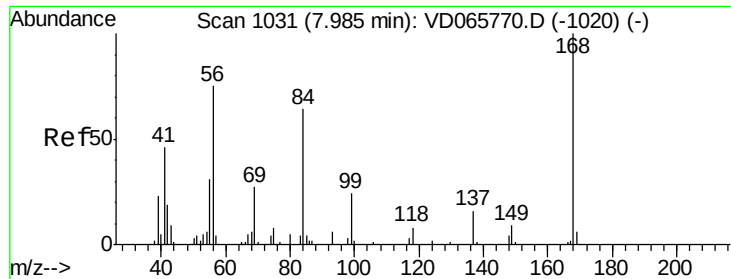
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

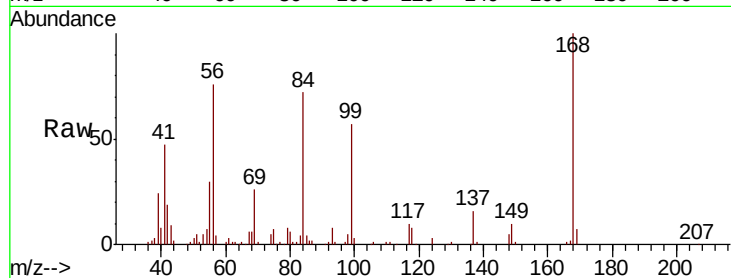
VSTDCCC050EC

Tot Ion:168 Resp: 201594

Ion Ratio Lower Upper

168 100

99 56.5 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

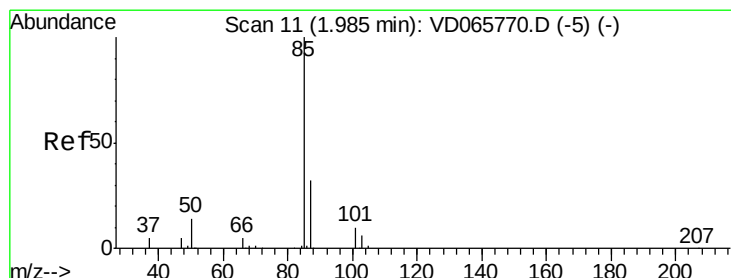
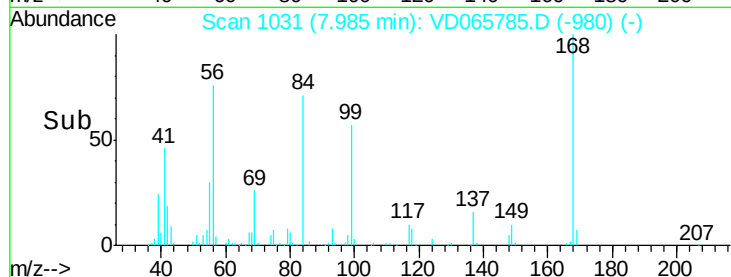
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.464 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065785.D

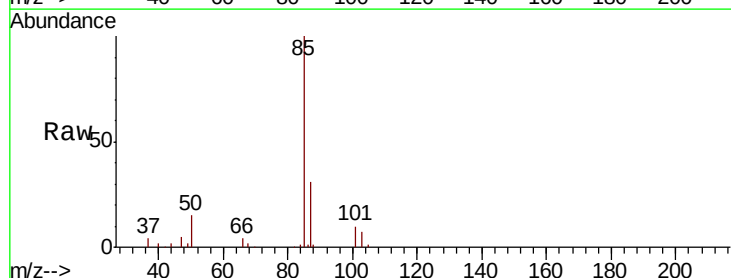
Acq: 08 Jun 2020 17:20

Tgt Ion: 85 Resp: 64625

Ion Ratio Lower Upper

85 100

87 30.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

50000

40000

30000

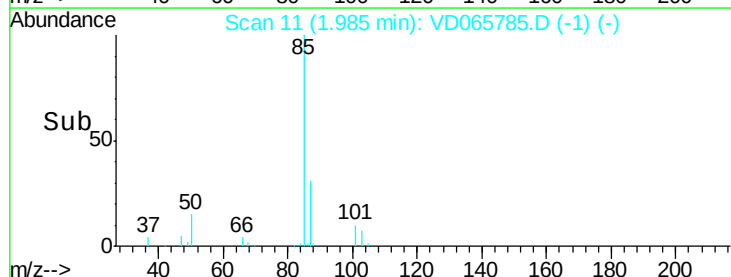
20000

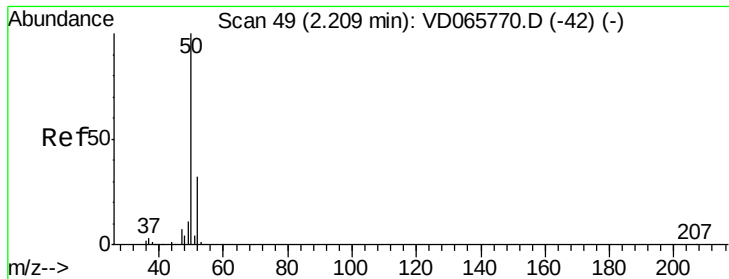
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 57.837 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

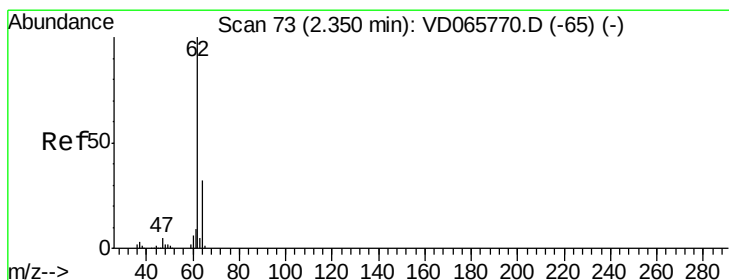
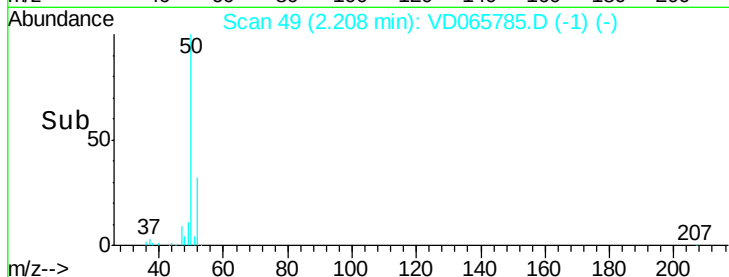
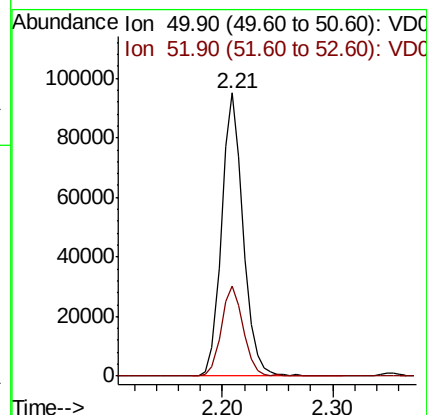
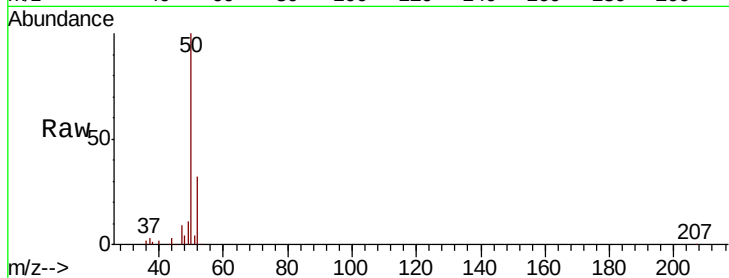
VSTDCCC050EC

Tot Ion: 50 Resp: 128576

Ion Ratio Lower Upper

50 100

52 31.7 25.6 38.4



#4

Vinyl Chloride

Concen: 49.666 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065785.D

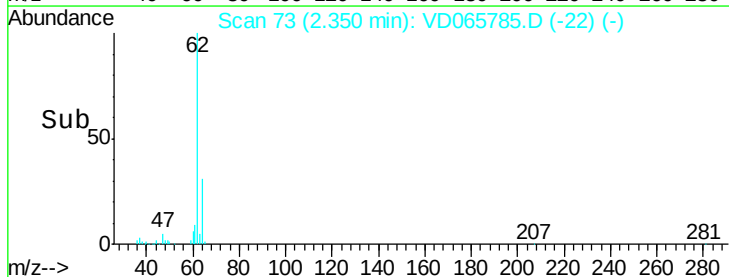
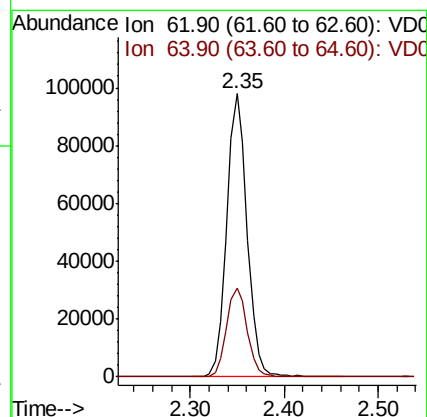
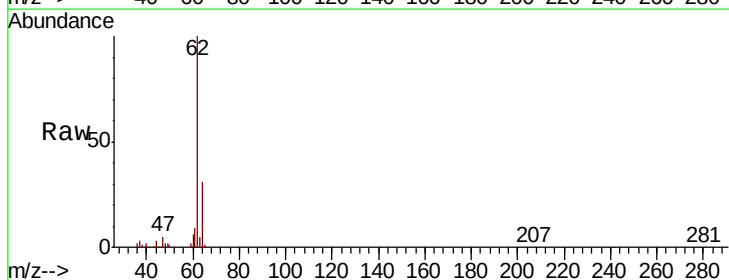
Acq: 08 Jun 2020 17:20

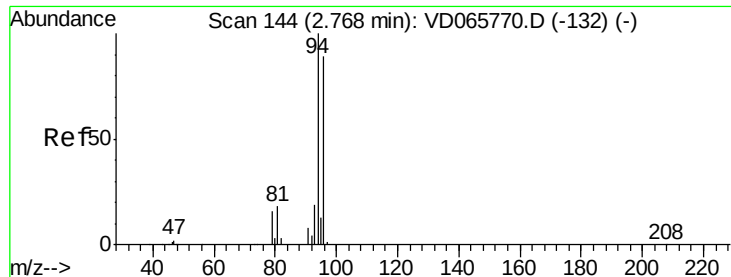
Tgt Ion: 62 Resp: 147718

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 50.223 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

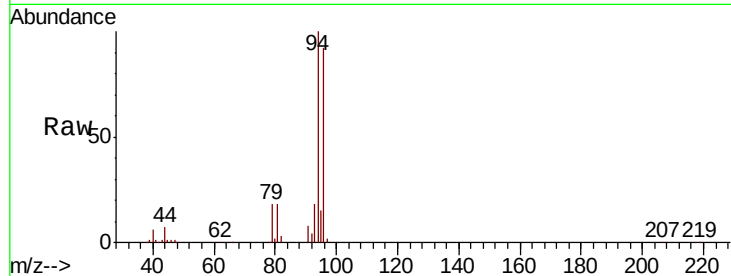
VSTDCCC050EC

Tot Ion: 94 Resp: 104464

Ion Ratio Lower Upper

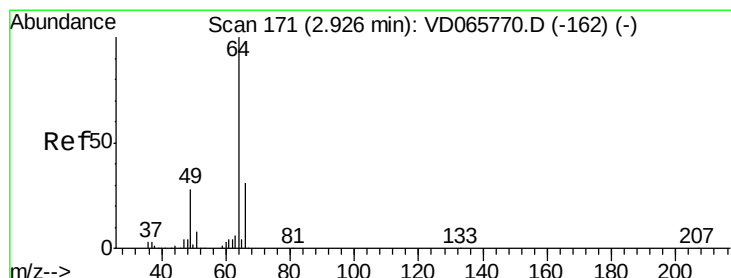
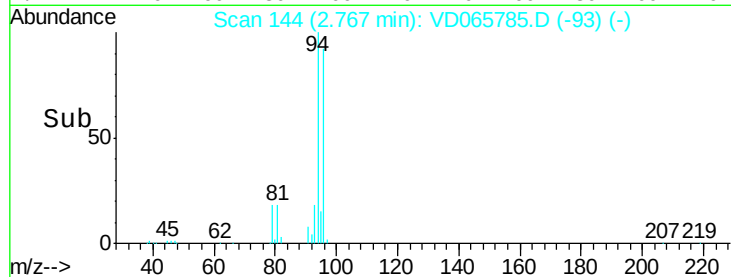
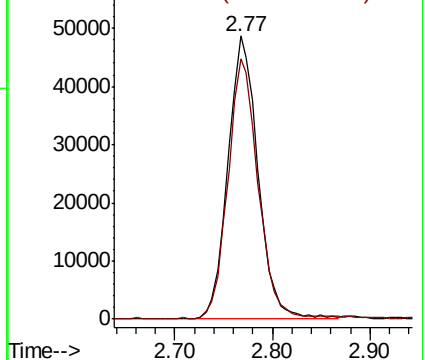
94 100

96 91.8 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.822 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065785.D

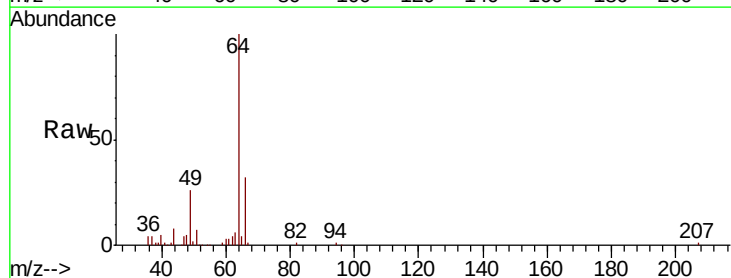
Acq: 08 Jun 2020 17:20

Tgt Ion: 64 Resp: 104217

Ion Ratio Lower Upper

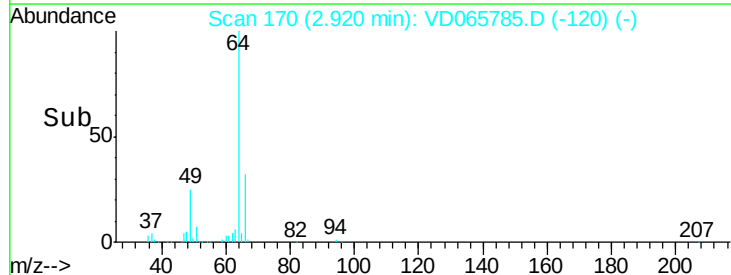
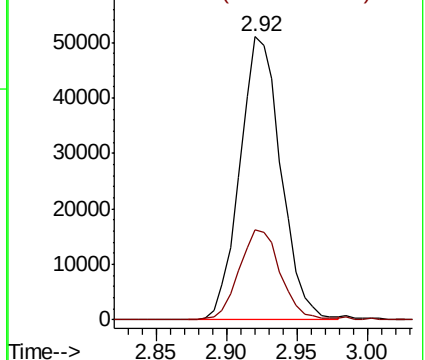
64 100

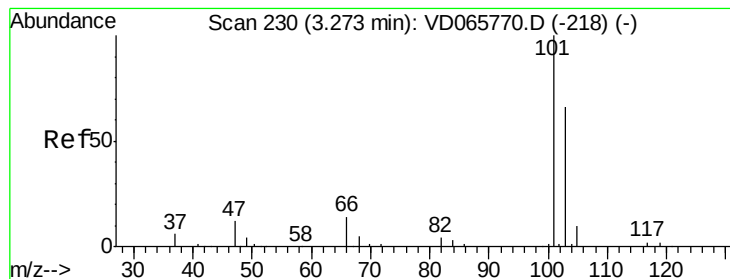
66 32.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



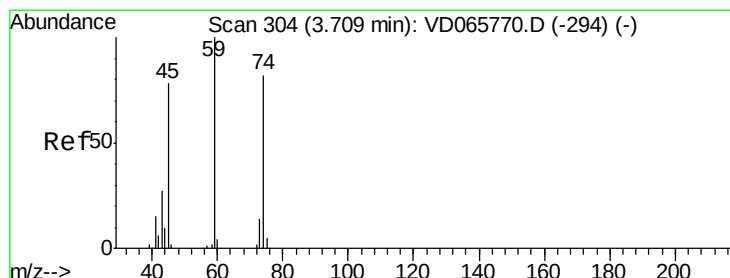
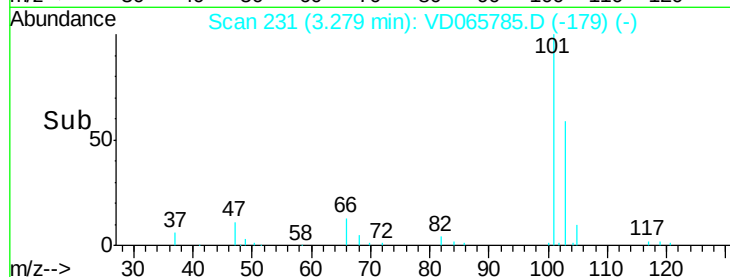
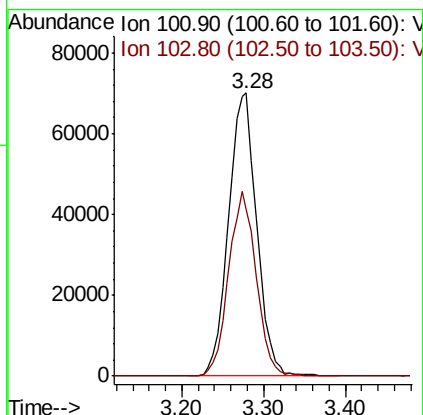
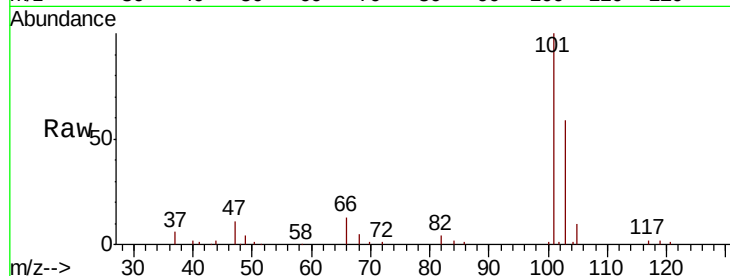


#7

Trichlorofluoromethane
Concen: 49.885 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD065785.D
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Instrument :
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ClientSampleId :
VSTDCCC050EC

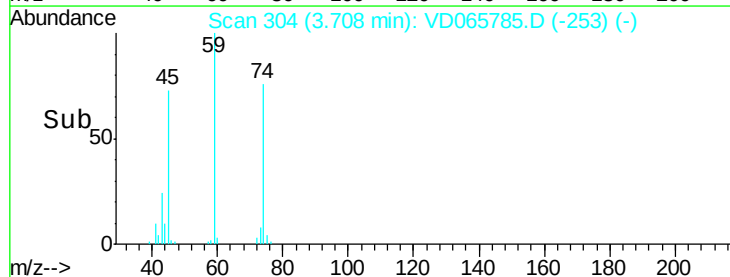
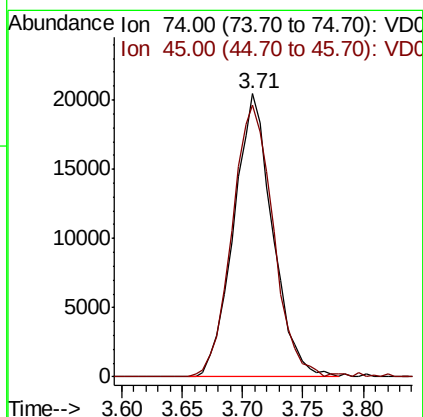
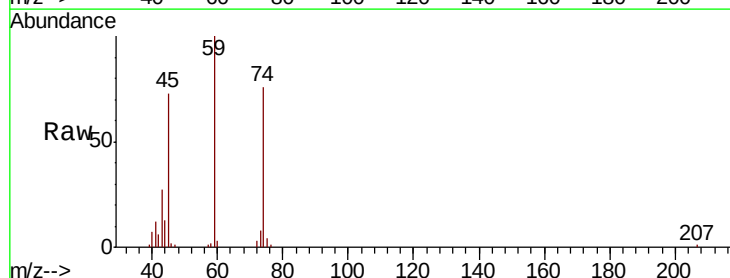
Tot Ion:101 Resp: 168102
Ion Ratio Lower Upper
101 100
103 58.9 53.1 79.7

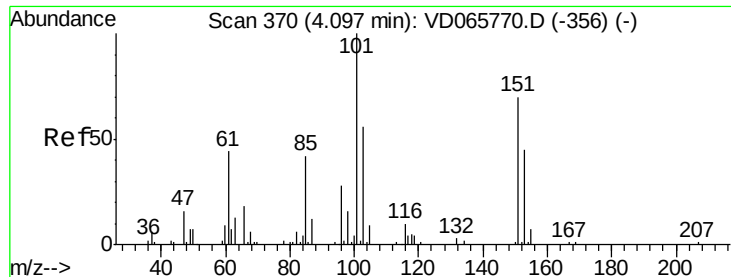


#8

Diethyl Ether
Concen: 51.830 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 74 Resp: 45919
Ion Ratio Lower Upper
74 100
45 101.6 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.547 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

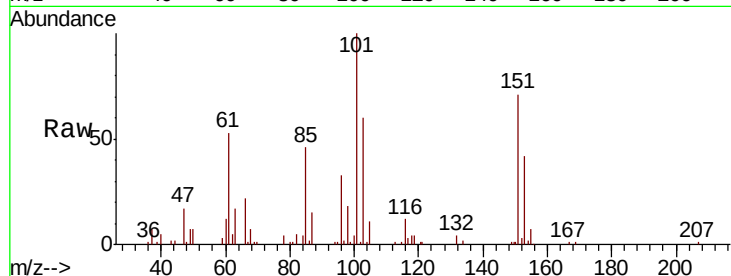
Tot Ion:101 Resp: 97549

Ion Ratio Lower Upper

101 100

85 47.5 36.5 54.7

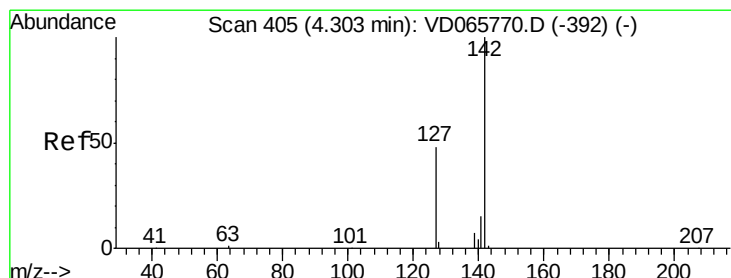
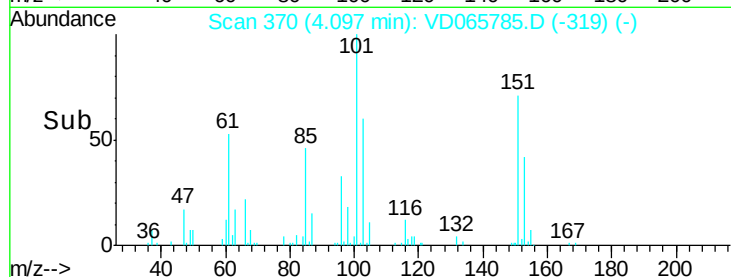
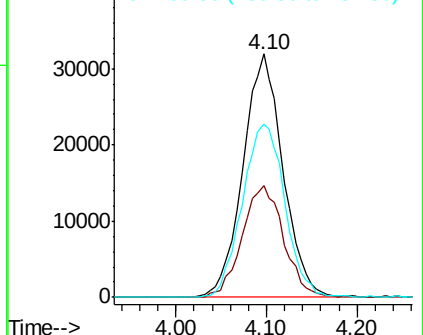
151 75.8 61.8 92.6



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: 50.385 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

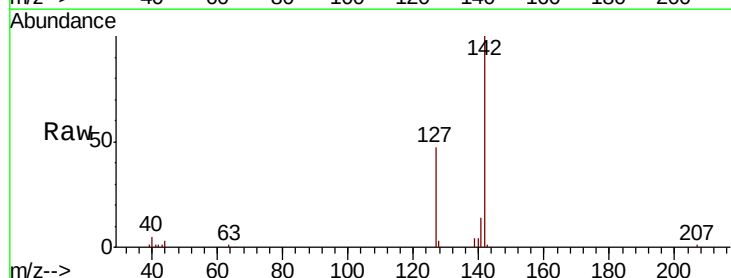
Tgt Ion:142 Resp: 98587

Ion Ratio Lower Upper

142 100

127 47.3 37.6 56.4

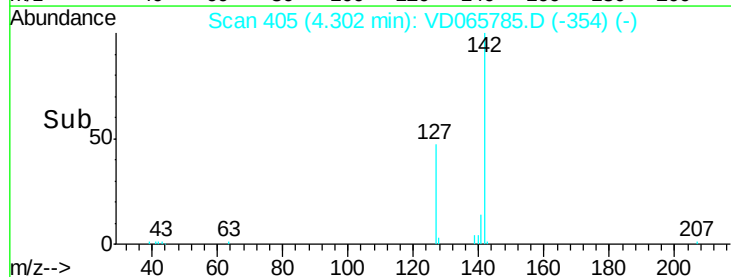
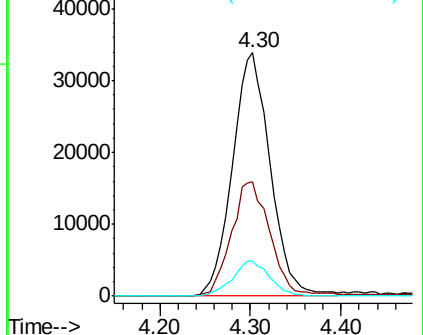
141 14.1 12.1 18.1

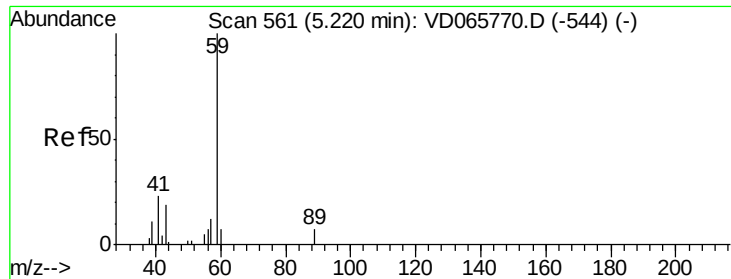


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



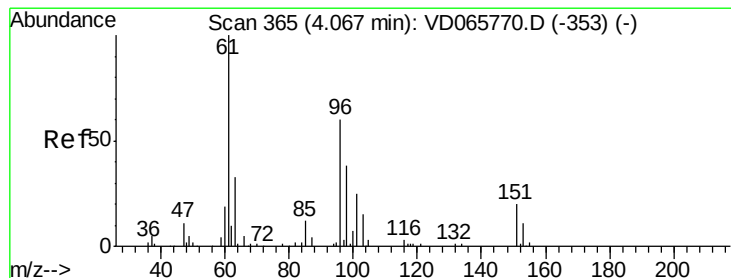
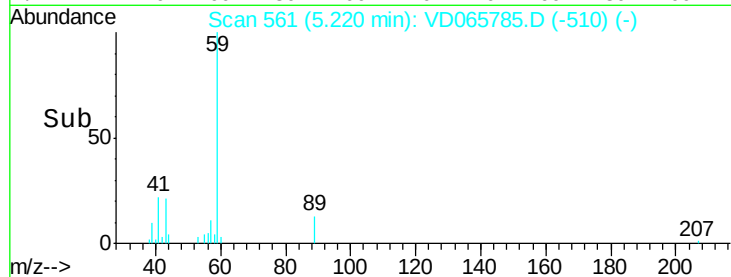
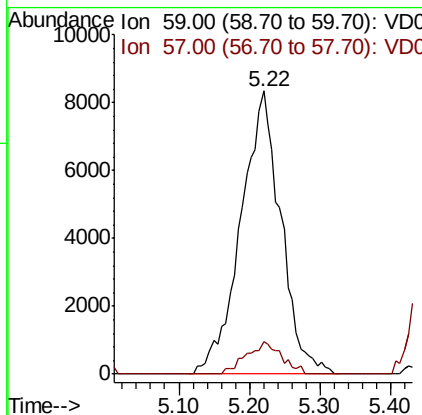
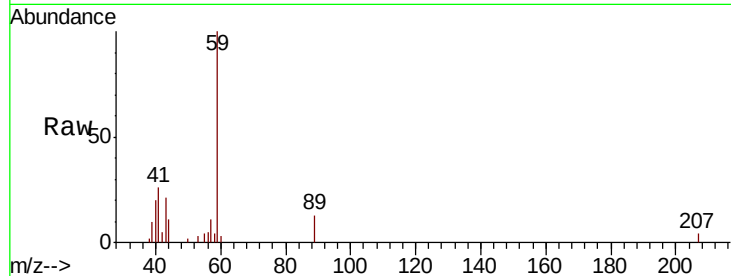


#11

Tert butyl alcohol
 Concen: 302.481 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

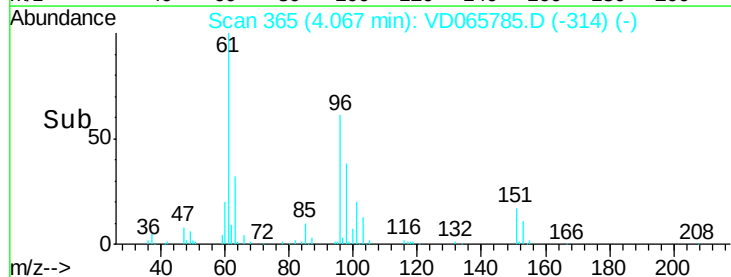
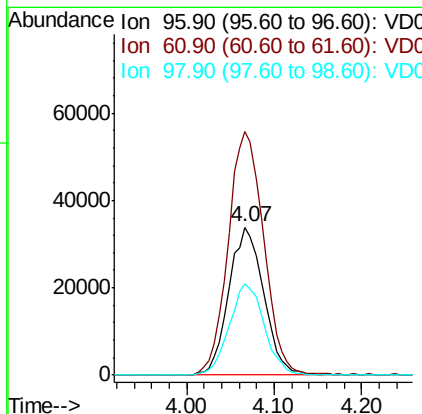
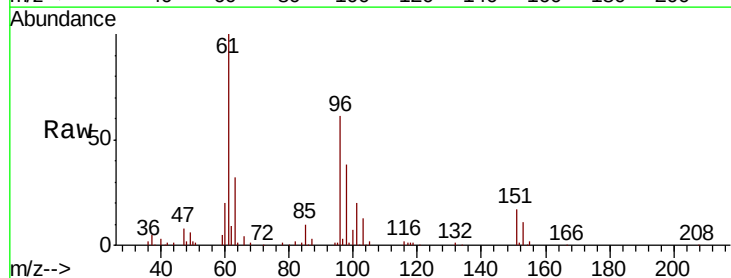
Tot Ion: 59 Resp: 32940
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.5 11.3

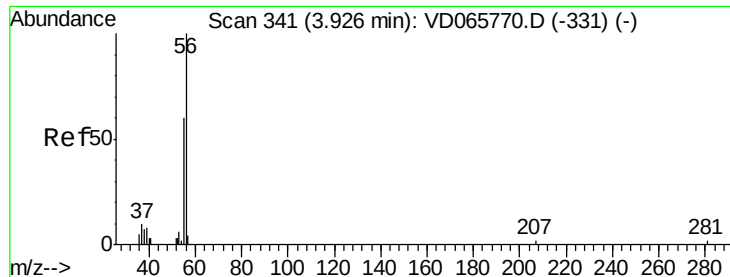


#12

1,1-Dichloroethene
 Concen: 50.090 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion: 96 Resp: 91734
 Ion Ratio Lower Upper
 96 100
 61 164.9 132.3 198.5
 98 62.3 50.7 76.1





#13

Acrolein

Concen: 223.401 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

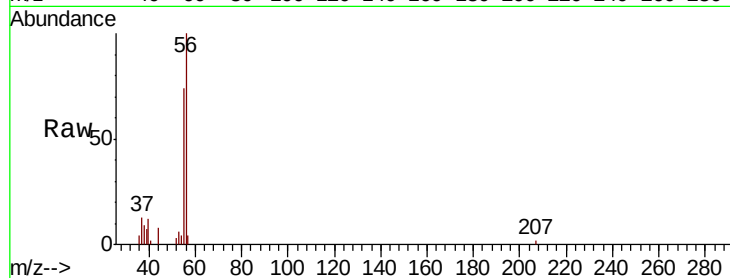
VSTDCCC050EC

Tot Ion: 56 Resp: 24996

Ion Ratio Lower Upper

56 100

55 77.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

12000

10000

8000

6000

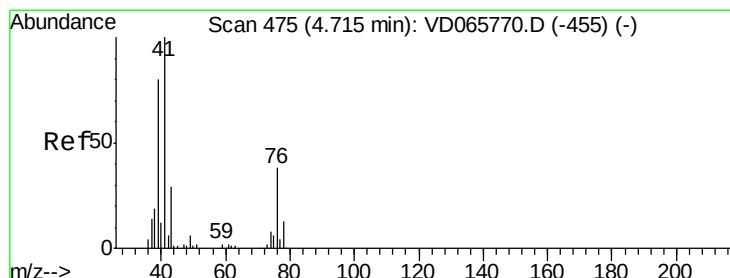
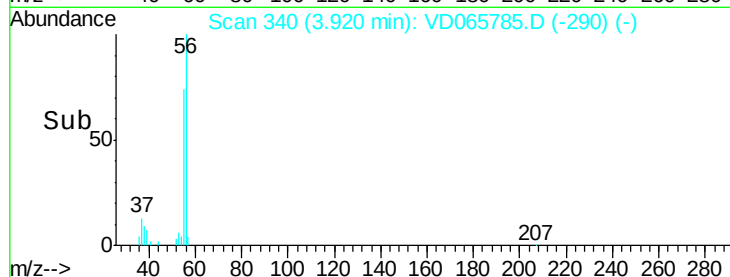
4000

2000

0

3.92

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 52.042 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

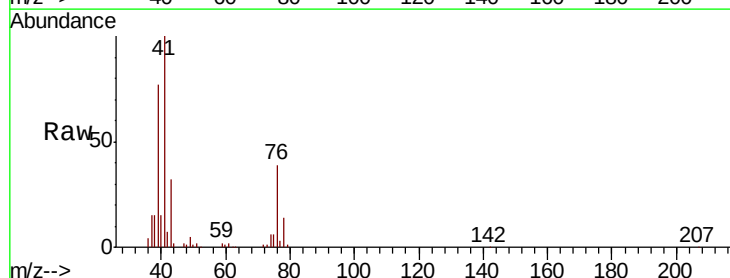
Tgt Ion: 41 Resp: 157526

Ion Ratio Lower Upper

41 100

39 78.1 60.9 91.3

76 36.8 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

60000

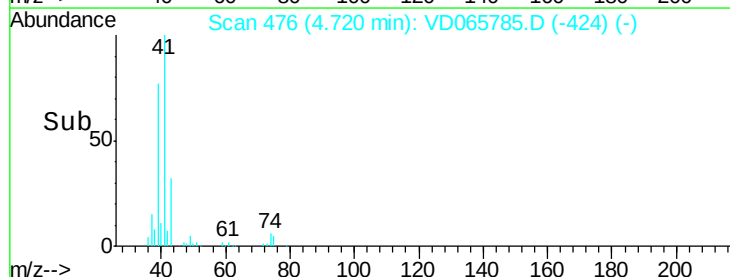
40000

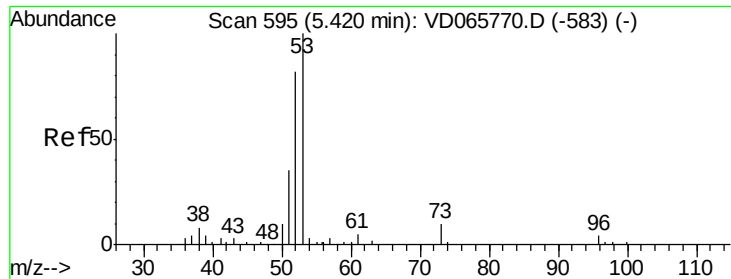
20000

0

4.72

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 276.315 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

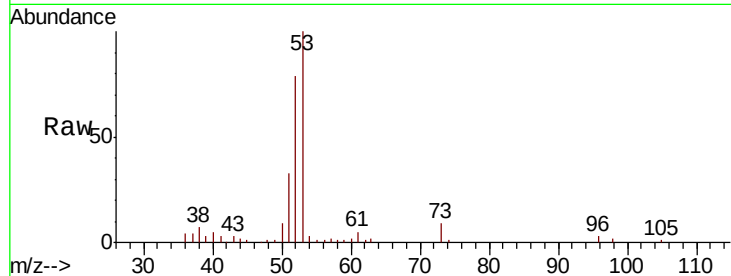
Tot Ion: 53 Resp: 111186

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

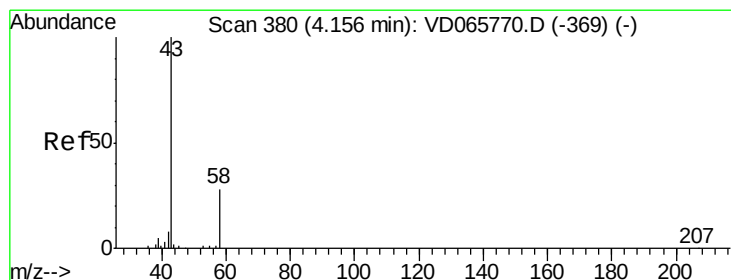
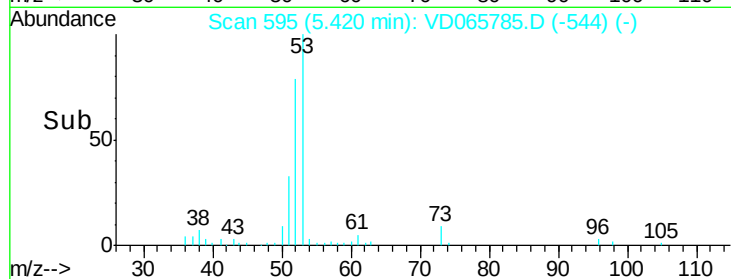
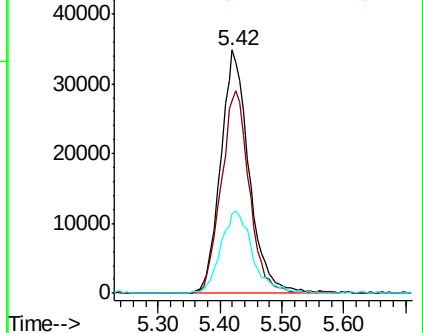
51 37.6 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 286.253 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065785.D

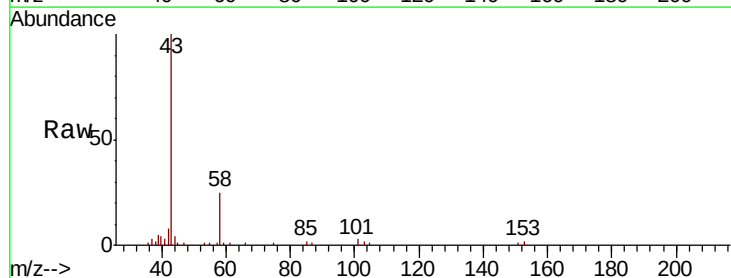
Acq: 08 Jun 2020 17:20

Tgt Ion: 43 Resp: 107562

Ion Ratio Lower Upper

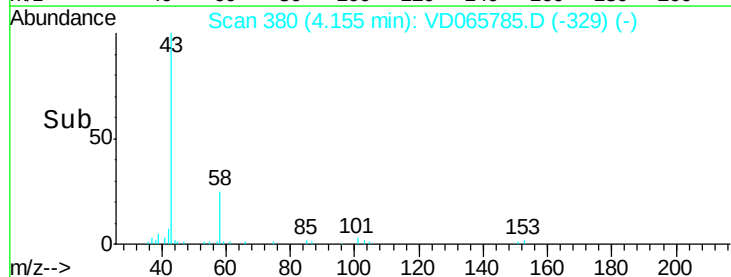
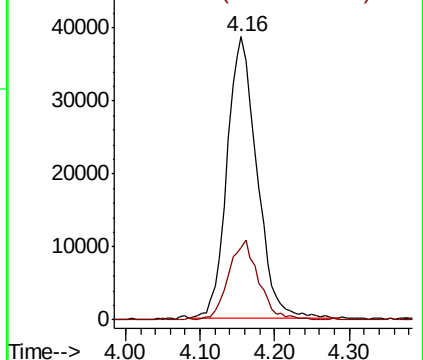
43 100

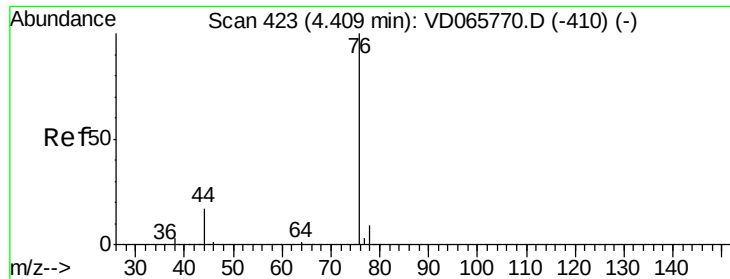
58 25.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 49.129 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

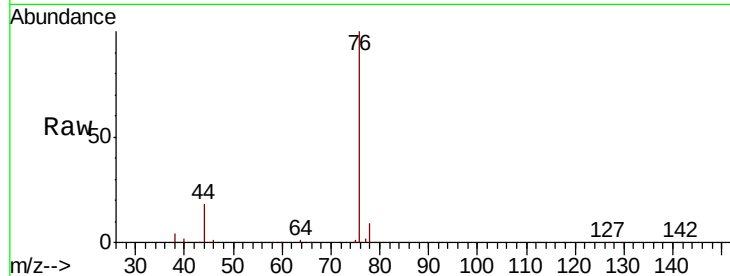
VSTDCCC050EC

Tot Ion: 76 Resp: 301982

Ion Ratio Lower Upper

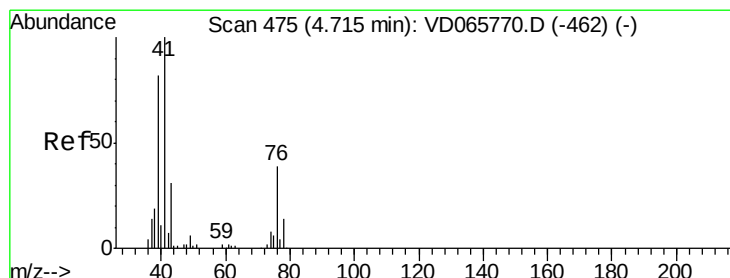
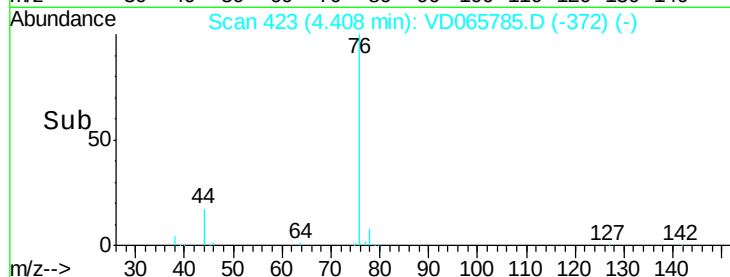
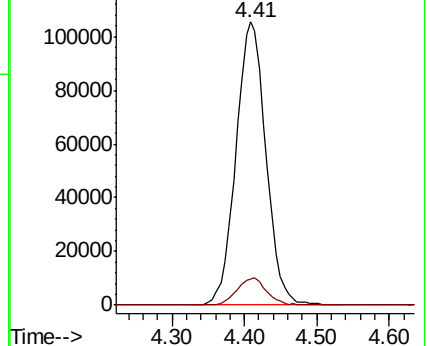
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 57.144 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065785.D

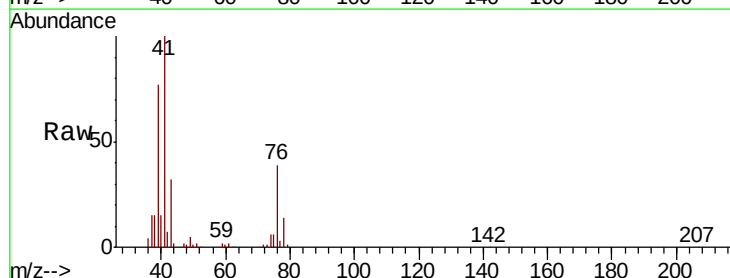
Acq: 08 Jun 2020 17:20

Tgt Ion: 43 Resp: 47992

Ion Ratio Lower Upper

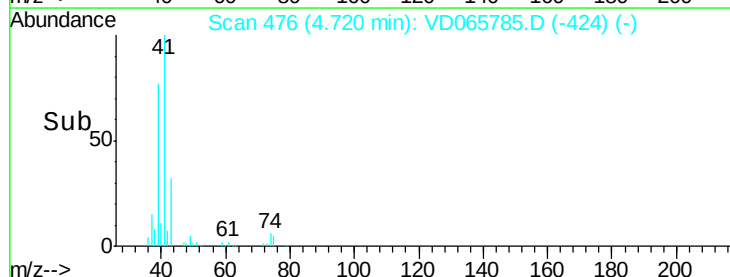
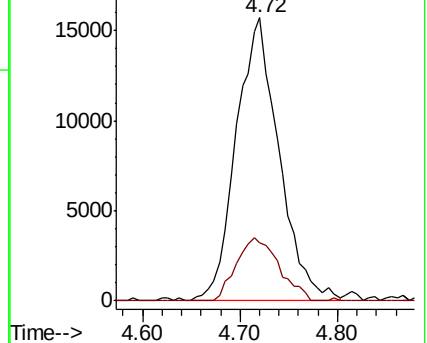
43 100

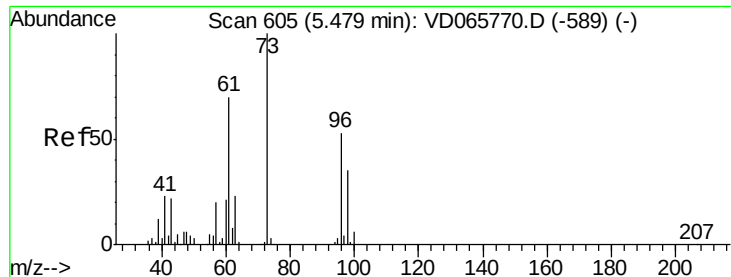
74 22.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

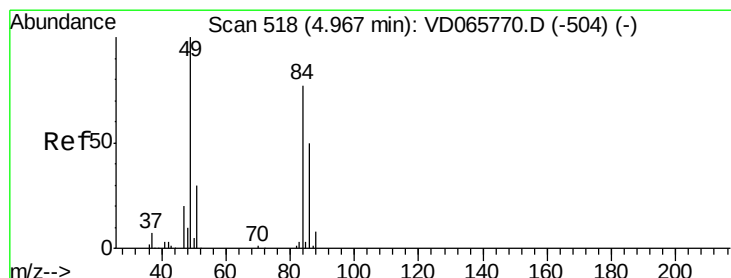
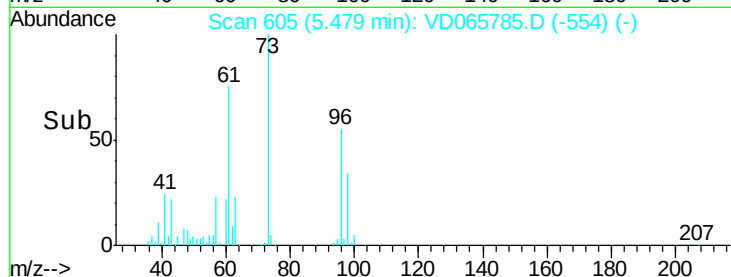
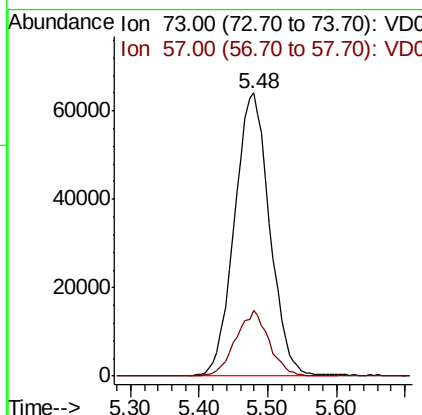
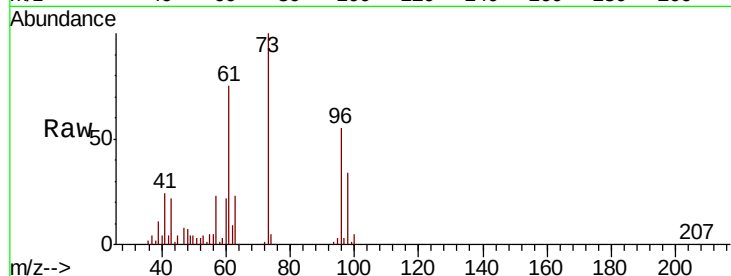




#19
Methyl tert-butyl Ether
Concen: 55.054 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

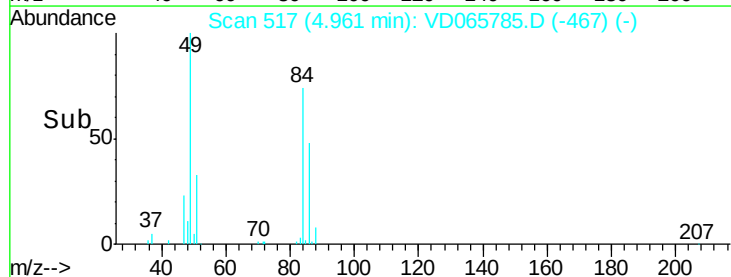
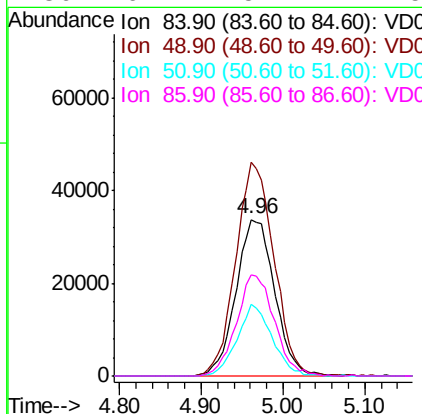
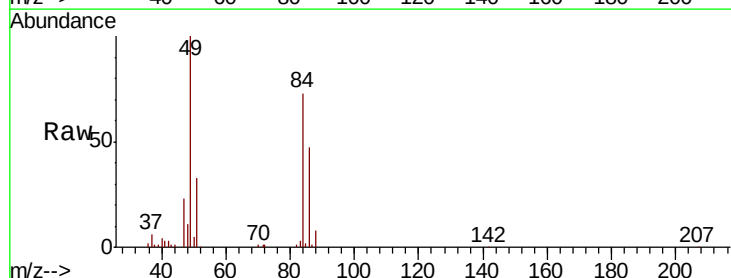
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

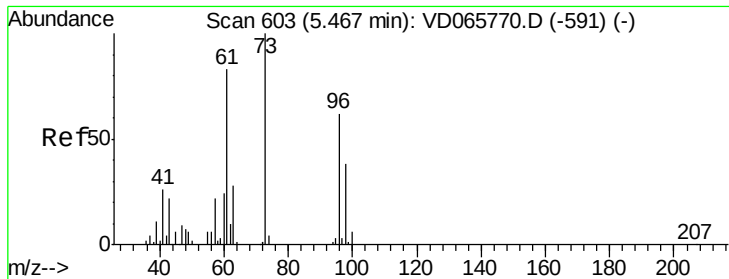
Tot Ion: 73 Resp: 228376
Ion Ratio Lower Upper
73 100
57 23.1 16.2 24.2



#20
Methylene Chloride
Concen: 56.095 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 84 Resp: 110858
Ion Ratio Lower Upper
84 100
49 136.3 103.4 155.0
51 45.4 31.4 47.2
86 64.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 51.443 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

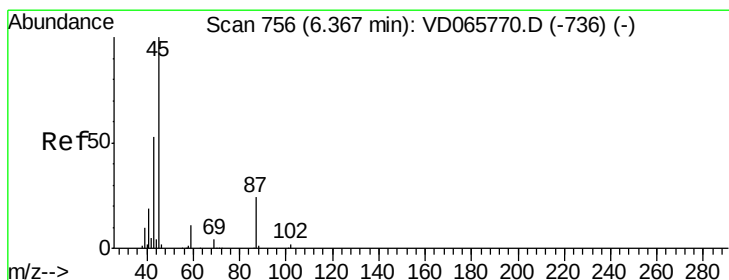
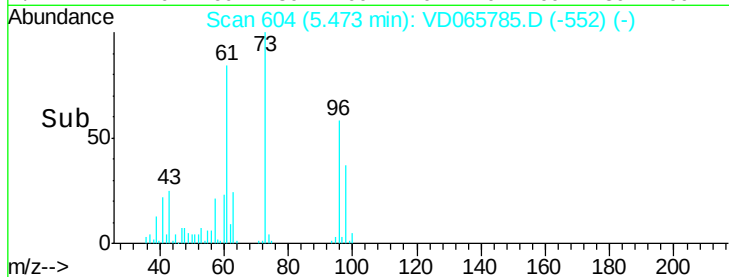
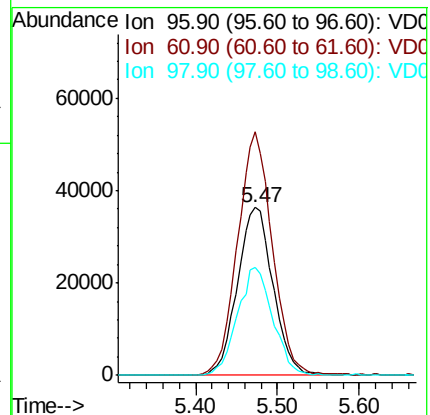
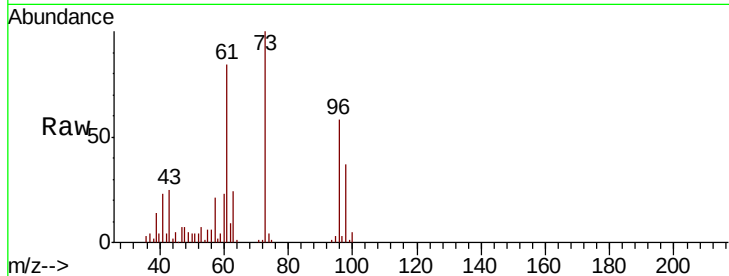
Tot Ion: 96 Resp: 110332

Ion Ratio Lower Upper

96 100

61 145.1 107.7 161.5

98 64.0 49.3 73.9



#22

Diisopropyl ether

Concen: 55.801 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Tgt Ion: 45 Resp: 341275

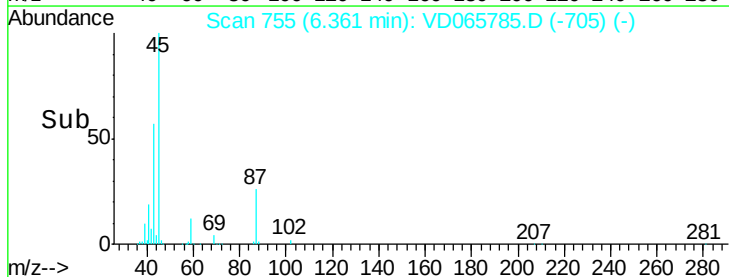
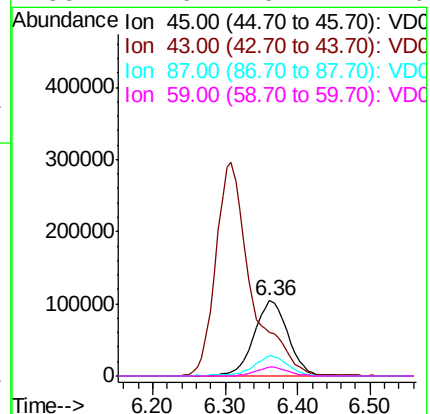
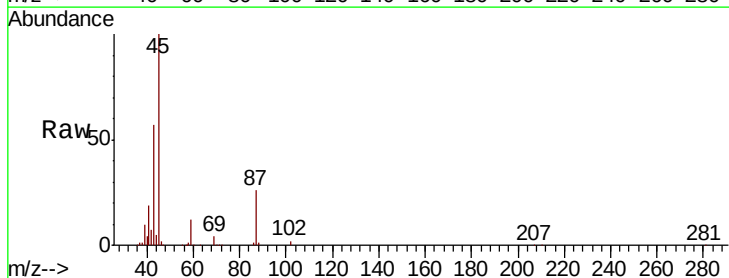
Ion Ratio Lower Upper

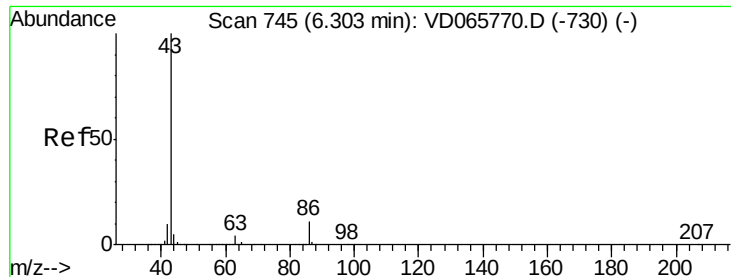
45 100

43 56.2 43.4 65.0

87 26.3 20.2 30.4

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 291.279 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

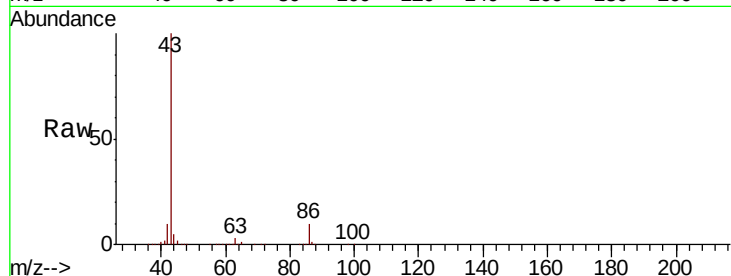
VSTDCCC050EC

Tot Ion: 43 Resp: 1005961

Ion Ratio Lower Upper

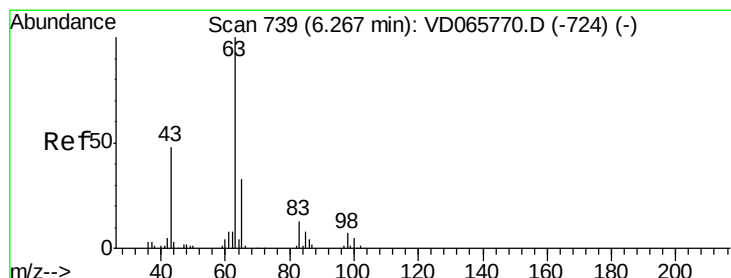
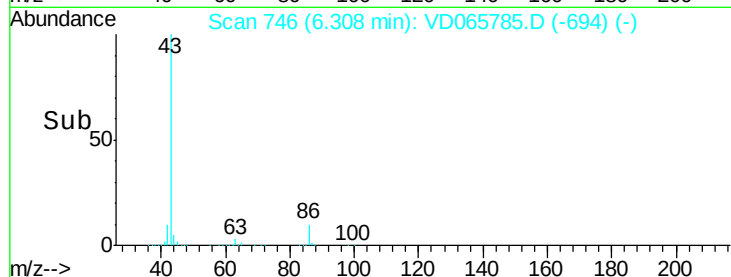
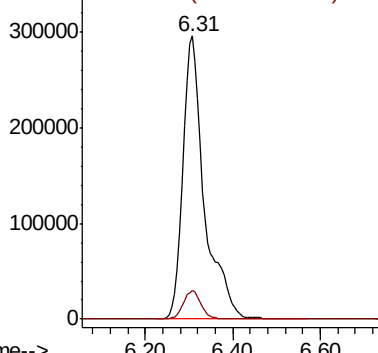
43 100

86 10.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.282 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

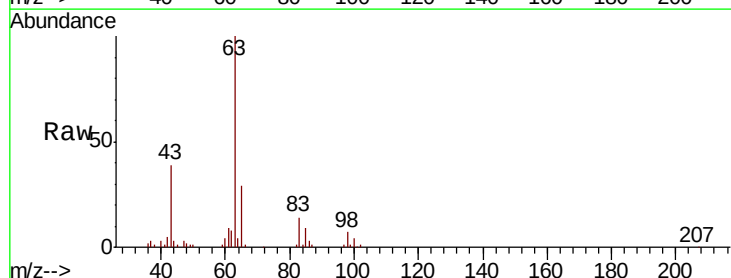
Tgt Ion: 63 Resp: 194824

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

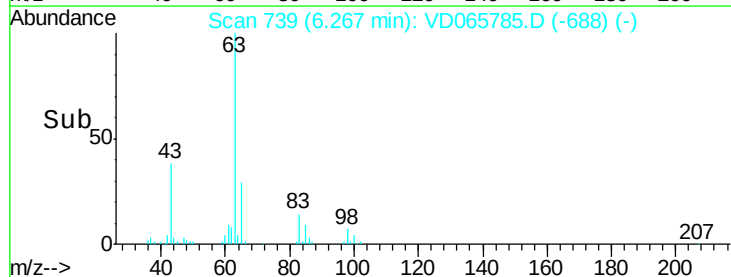
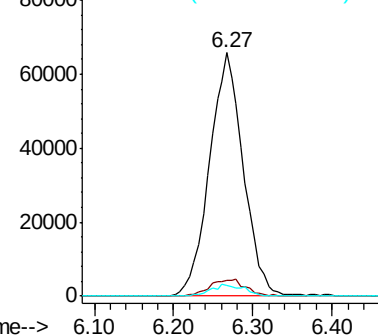
100 4.3 2.3 6.9

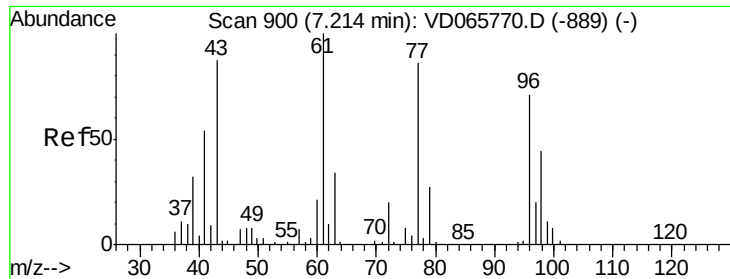


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

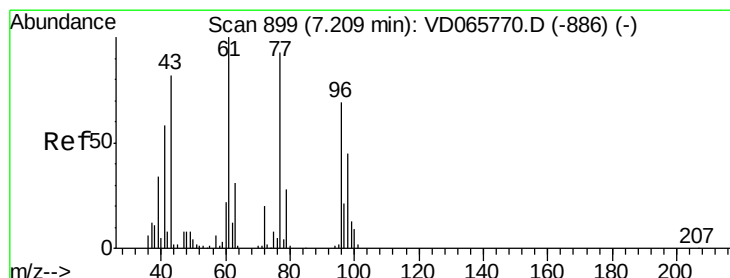
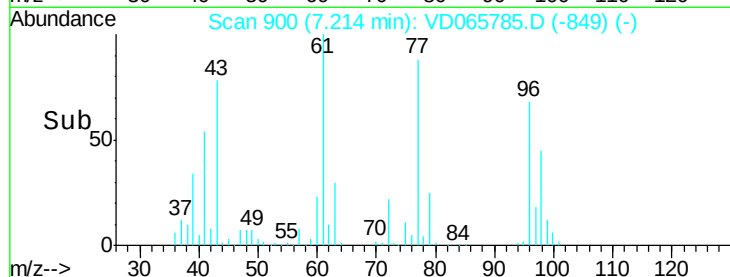
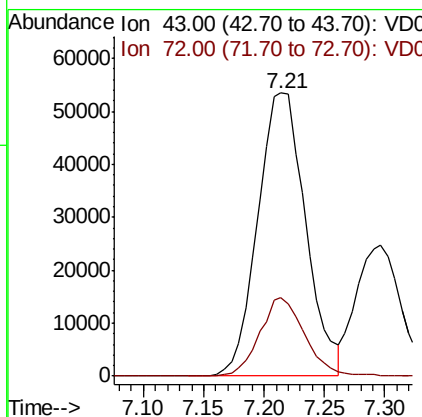
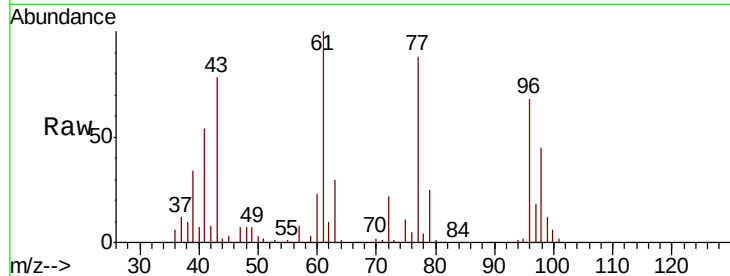




#25
2-Butanone
Concen: 283.801 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

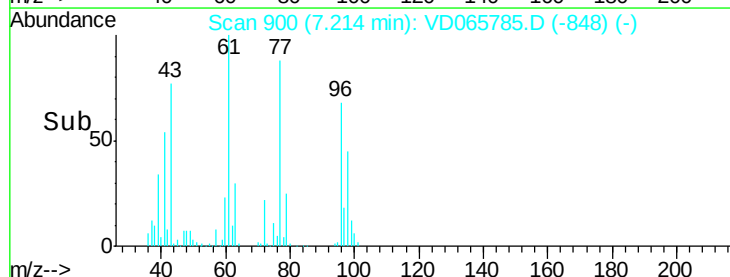
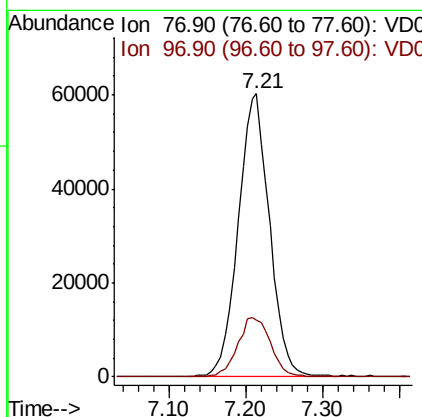
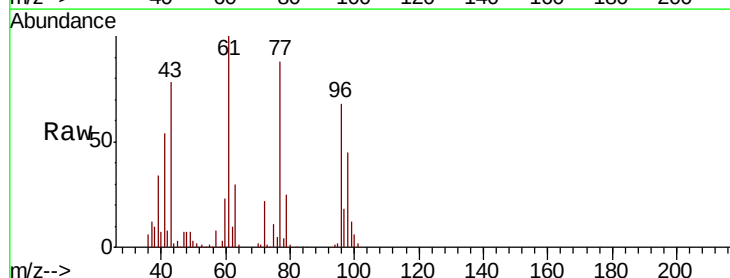
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

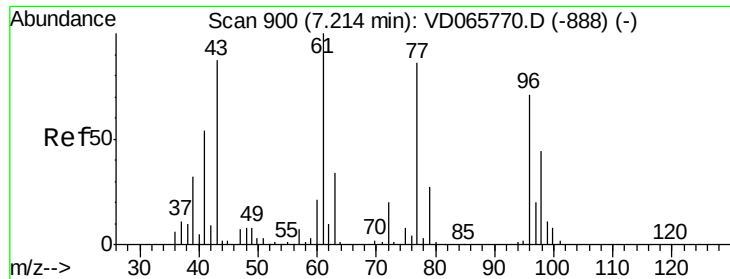
Tot Ion: 43 Resp: 147277
Ion Ratio Lower Upper
43 100
72 27.9 18.5 27.7#



#26
2,2-Dichloropropane
Concen: 51.759 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 77 Resp: 171021
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7



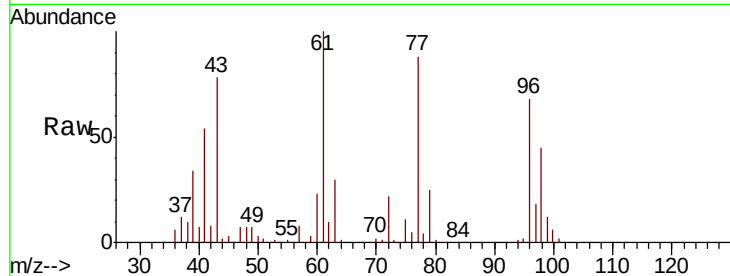


#27

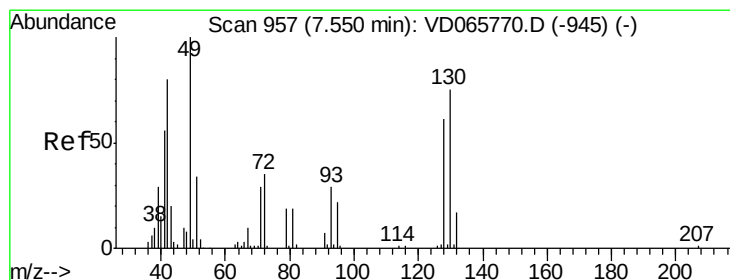
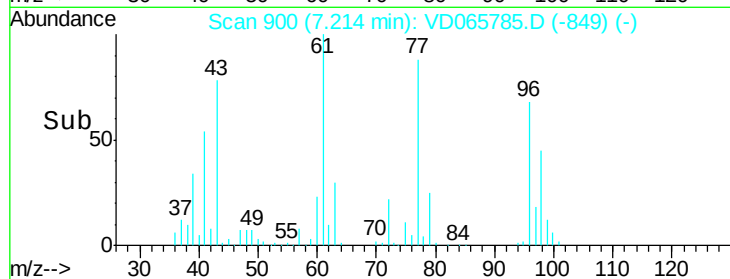
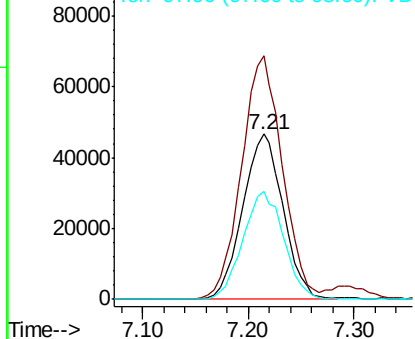
cis-1,2-Dichloroethene
Concen: 53.645 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 123764
Ion Ratio Lower Upper
96 100
61 148.7 0.0 291.2
98 66.2 0.0 128.8



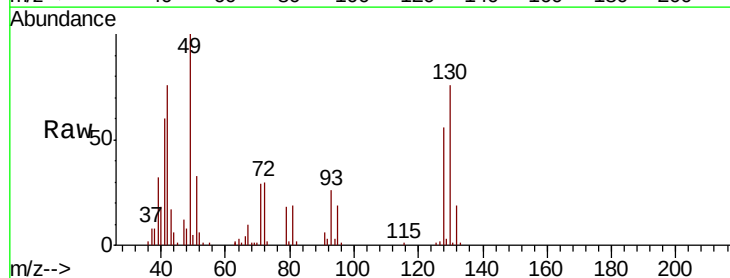
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



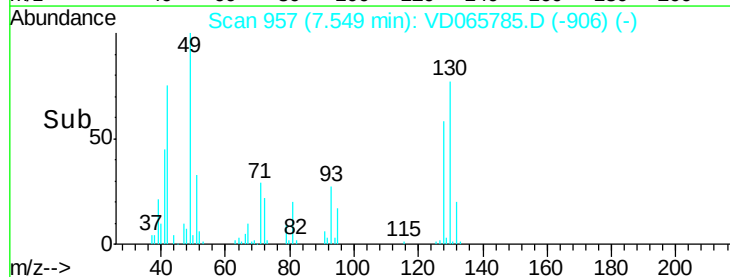
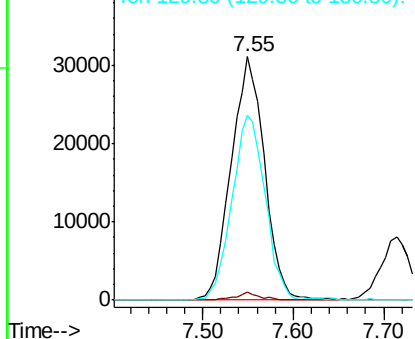
#28

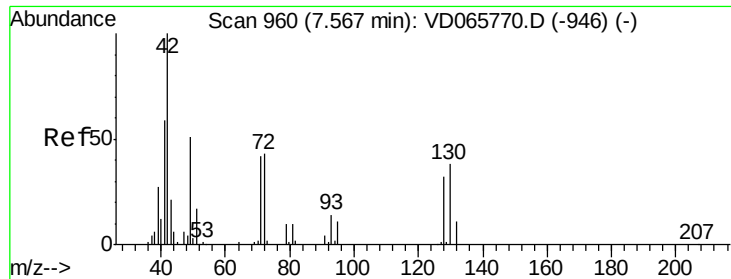
Bromochloromethane
Concen: 55.096 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 49 Resp: 79296
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 75.9 59.5 89.3



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

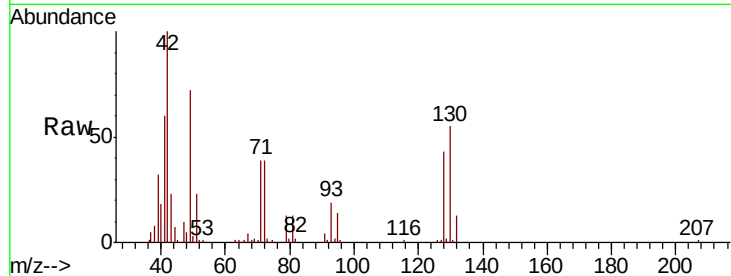




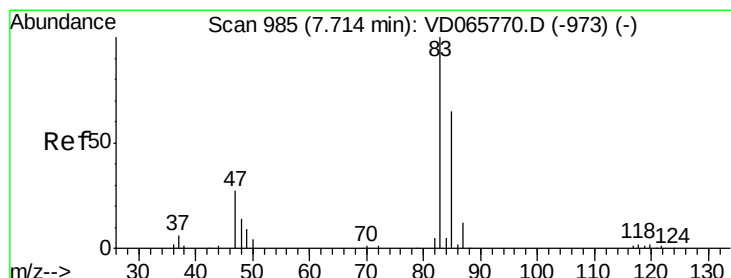
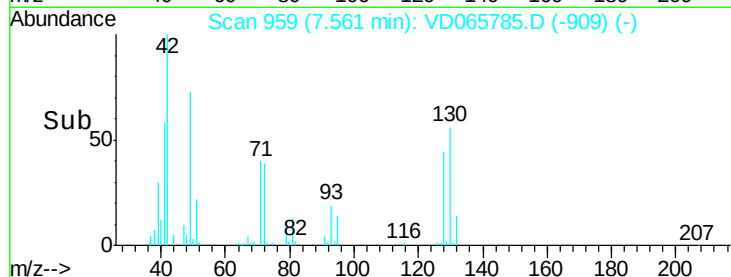
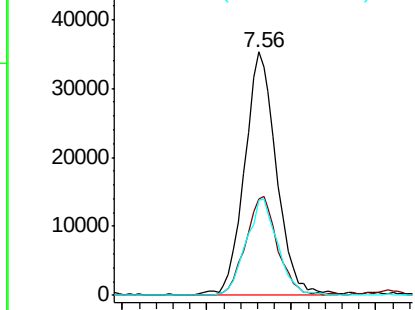
#29
Tetrahydrofuran
Concen: 282.621 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 92695
Ion Ratio Lower Upper
42 100
72 40.5 34.9 52.3
71 39.2 31.2 46.8

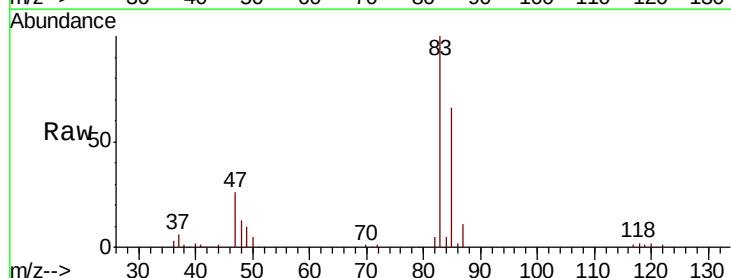


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

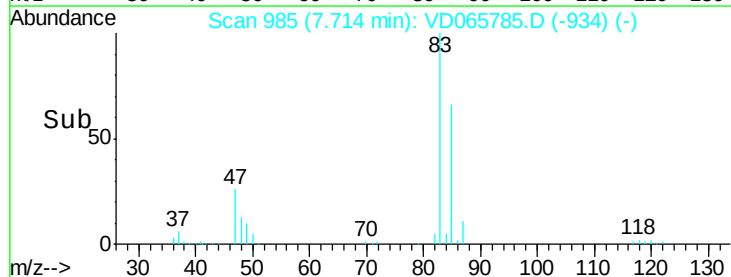
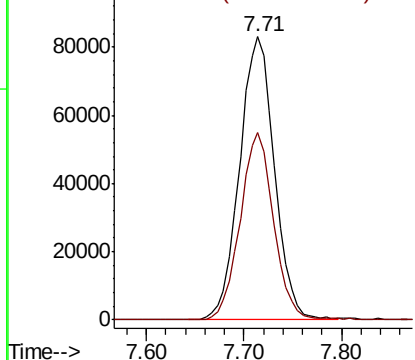


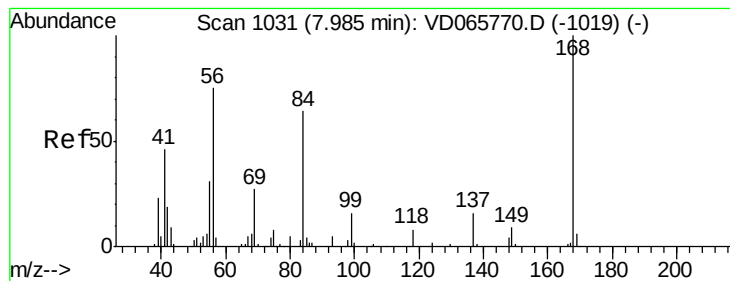
#30
Chloroform
Concen: 53.676 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 83 Resp: 207325
Ion Ratio Lower Upper
83 100
85 66.1 51.9 77.9



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





#31

Cyclohexane

Concen: 49.811 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

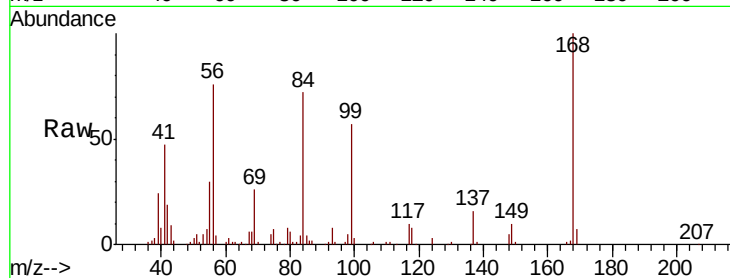
Tot Ion: 56 Resp: 177947

Ion Ratio Lower Upper

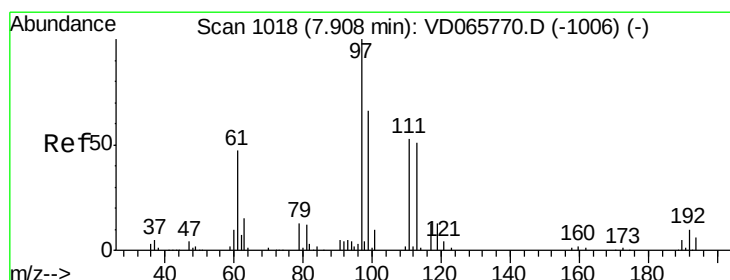
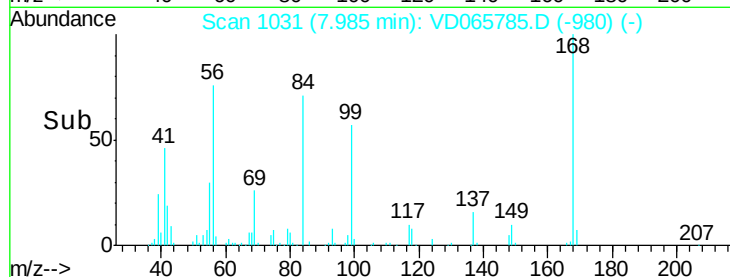
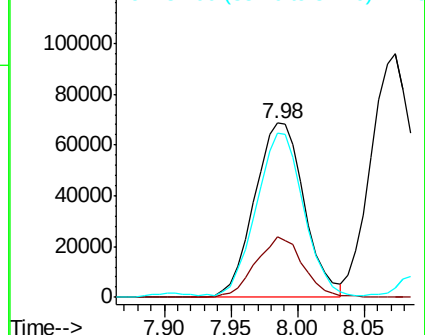
56 100

69 34.4 28.5 42.7

84 92.4 68.4 102.6



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: 52.176 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

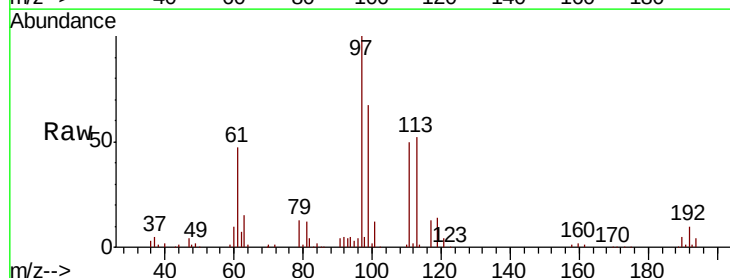
Tgt Ion: 97 Resp: 185309

Ion Ratio Lower Upper

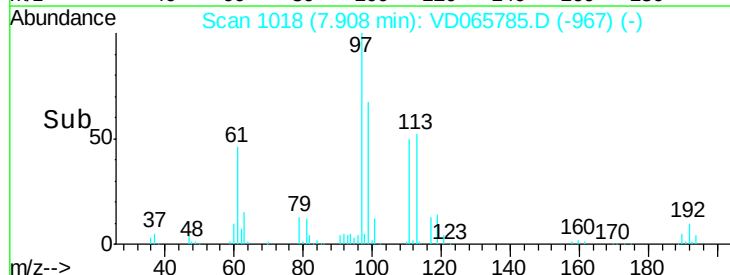
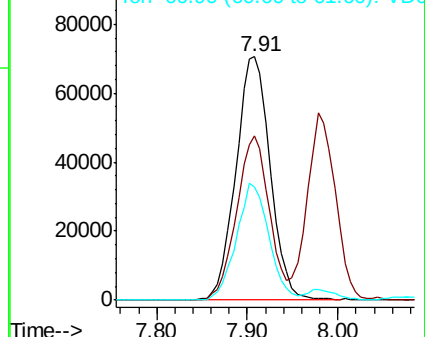
97 100

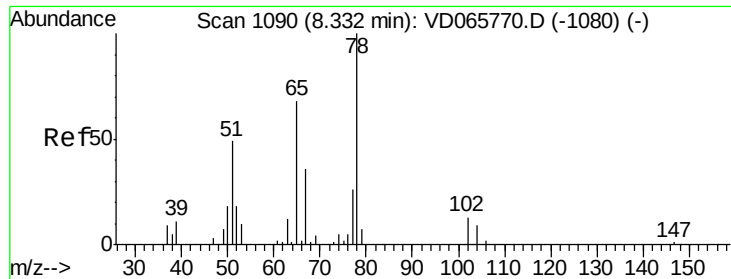
99 64.2 49.2 73.8

61 45.4 36.0 54.0



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

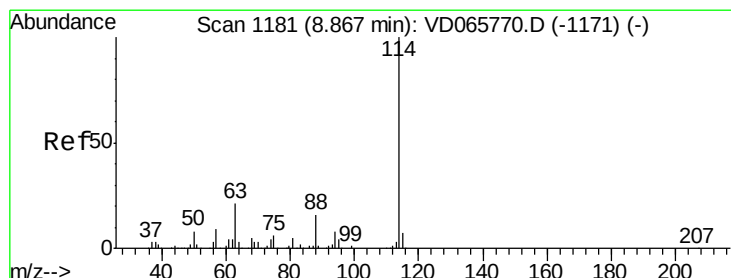
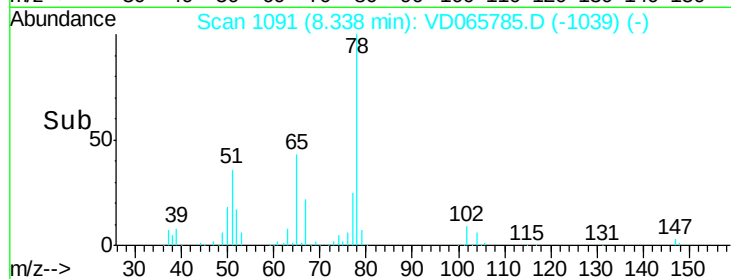
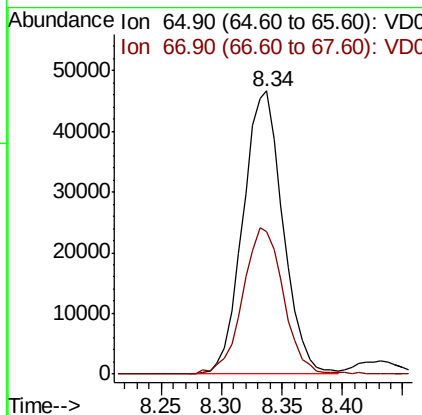
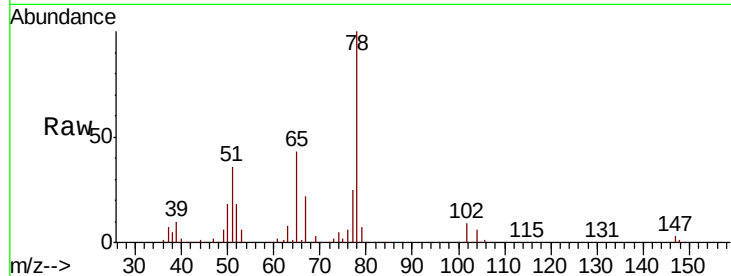




#33
 1,2-Dichloroethane-d4
 Concen: 54.029 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

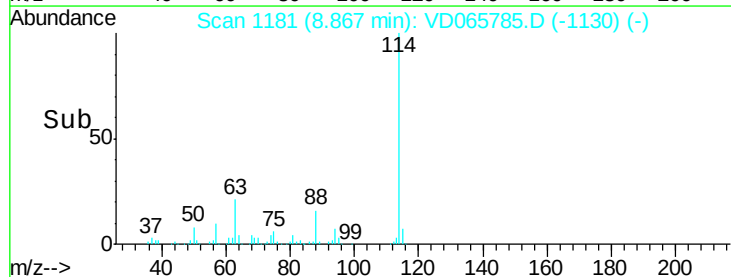
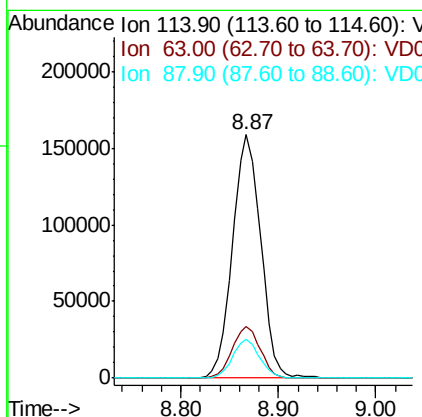
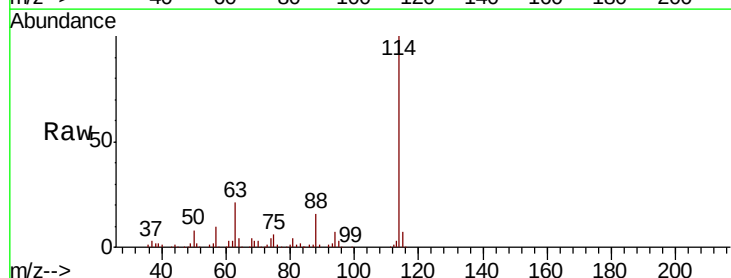
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

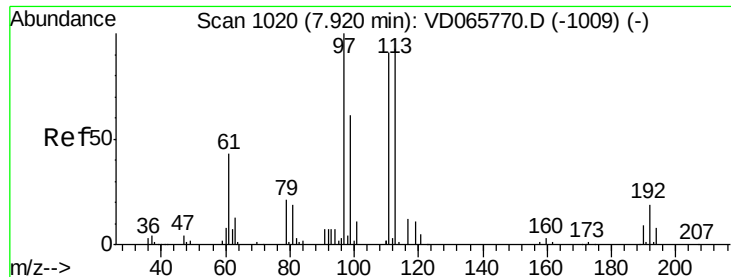
Tot Ion: 65 Resp: 107626
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion: 114 Resp: 320654
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 16.2 0.0 32.0

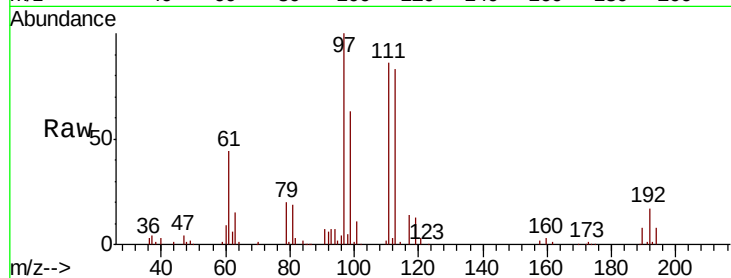




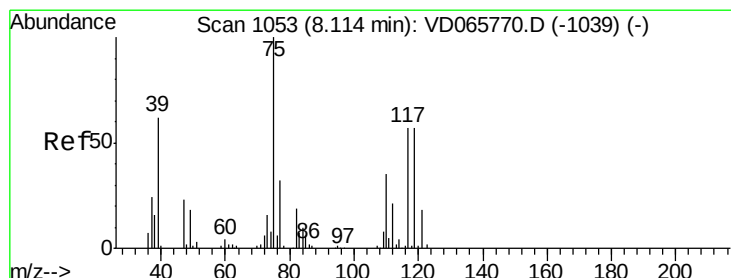
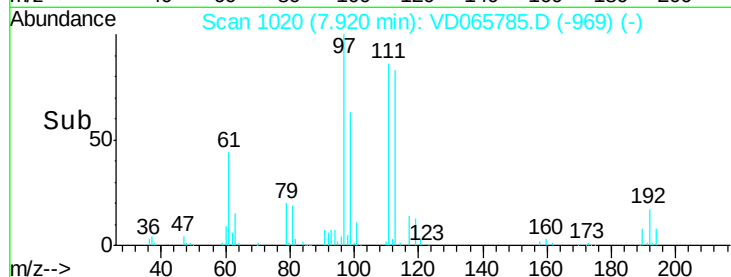
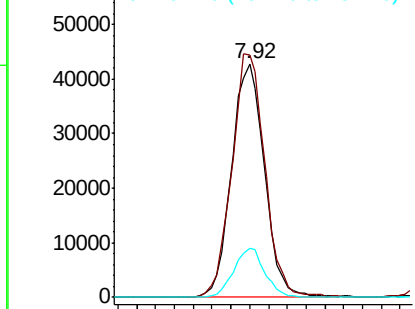
#35
Dibromofluoromethane
Concen: 51.429 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 104166
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.0
192 19.7 15.7 23.5

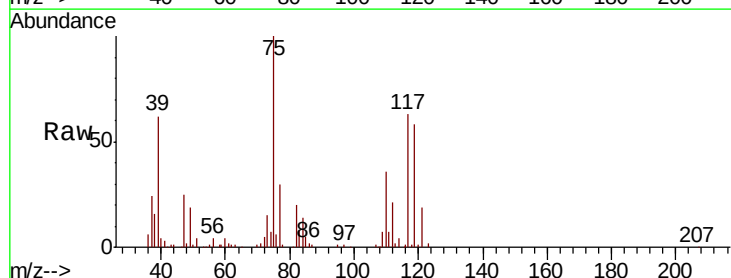


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

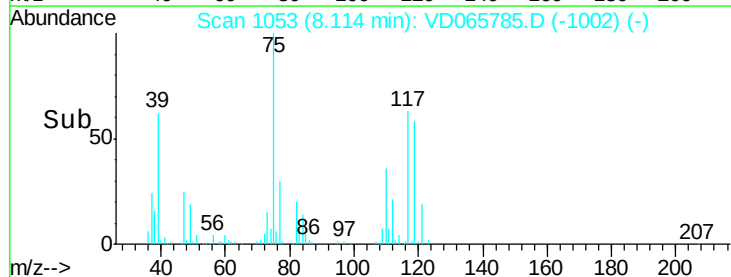
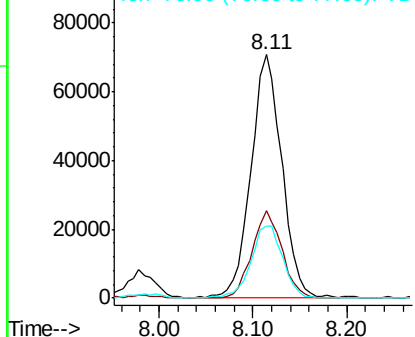


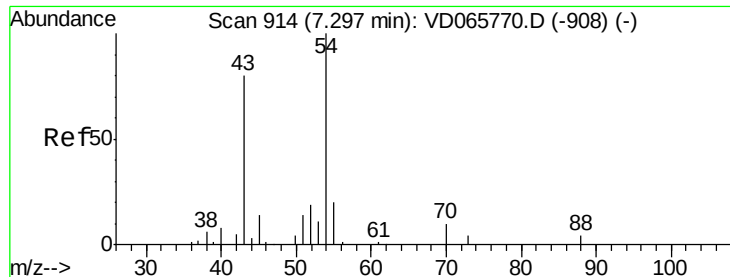
#36
1,1-Dichloropropene
Concen: 52.474 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 75 Resp: 161182
Ion Ratio Lower Upper
75 100
110 34.5 17.6 52.8
77 30.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

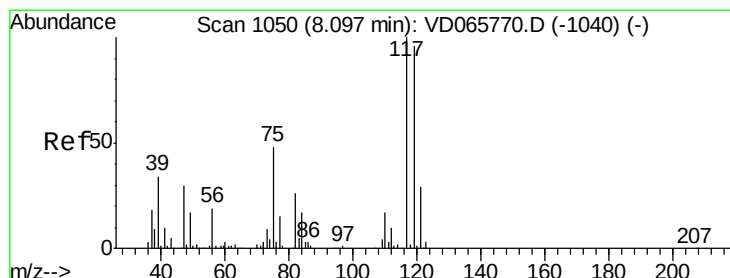
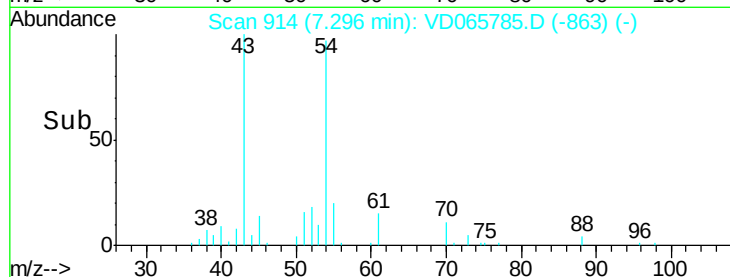
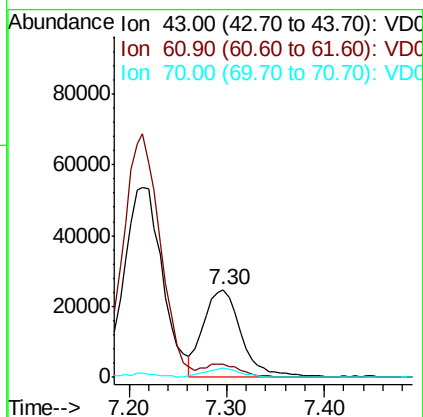
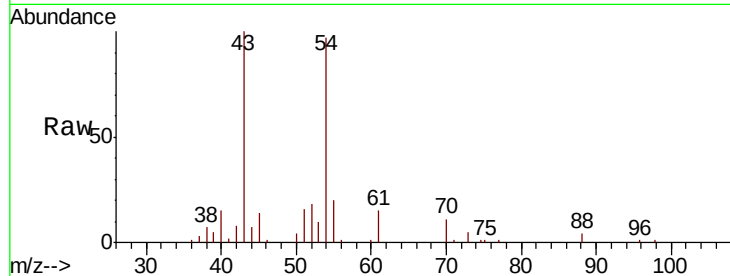




#37
Ethyl Acetate
Concen: 54.894 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

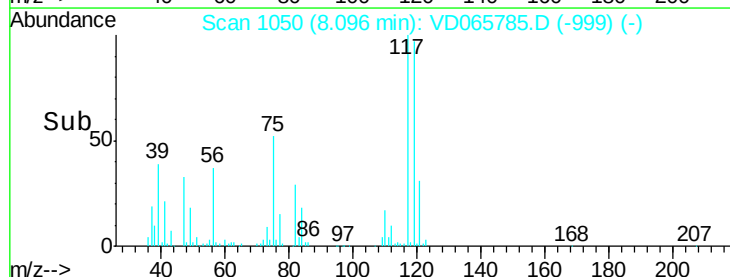
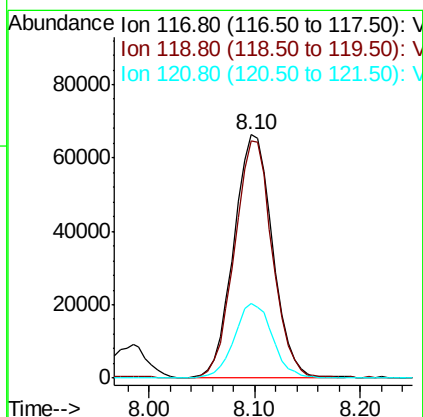
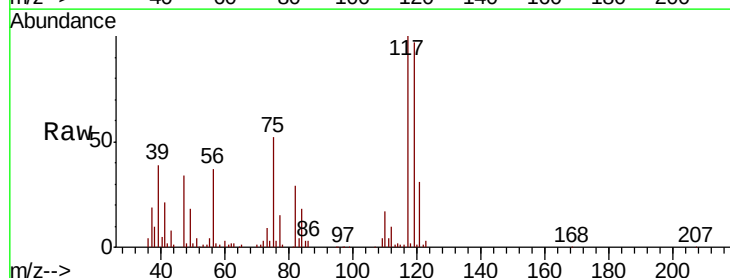
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

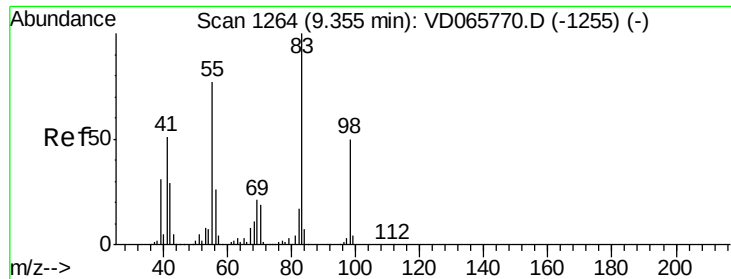
Tot Ion: 43 Resp: 66415
Ion Ratio Lower Upper
43 100
61 15.2 10.6 15.8
70 9.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 52.290 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 117 Resp: 169033
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 30.8 23.4 35.2

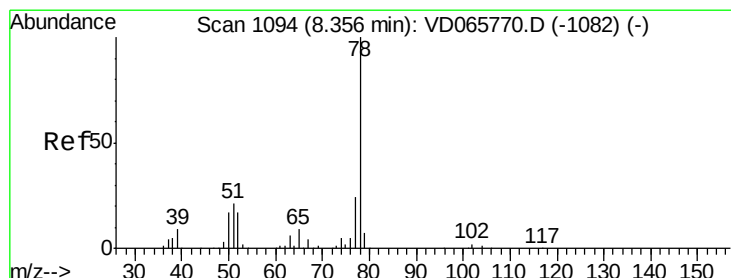
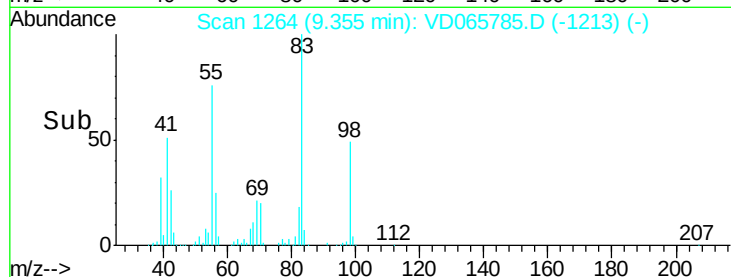
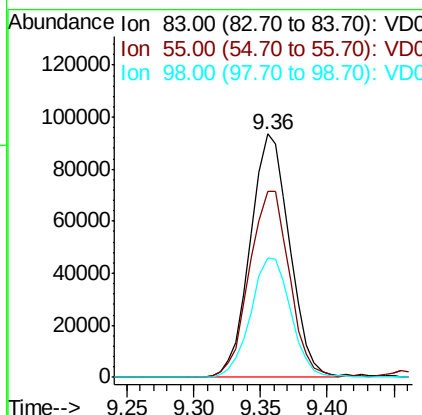
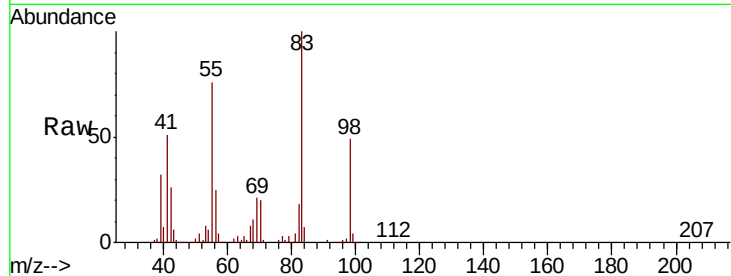




#39
Methvlcvclohexane
Concen: 52.407 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

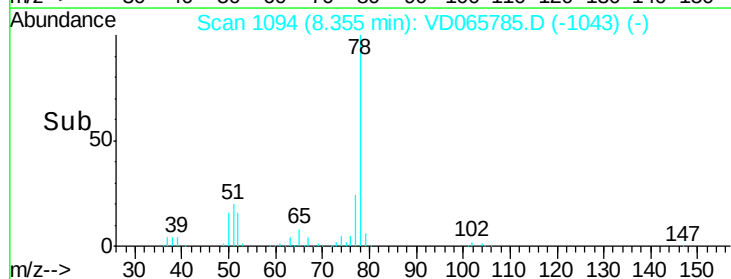
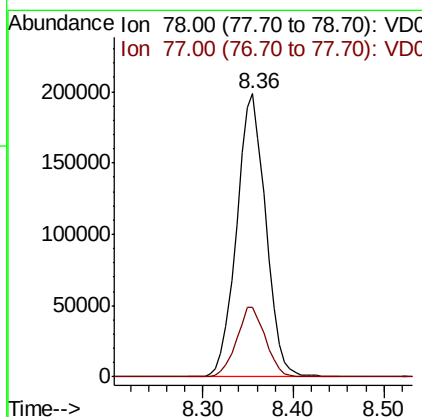
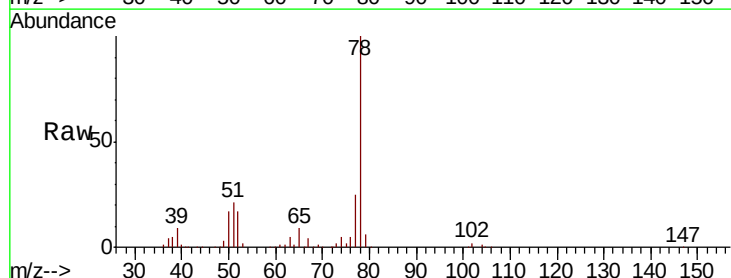
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

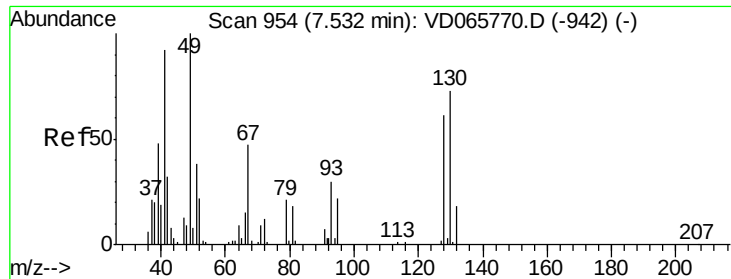
Tot Ion: 83 Resp: 190589
Ion Ratio Lower Upper
83 100
55 76.2 61.6 92.4
98 48.9 40.2 60.2



#40
Benzene
Concen: 52.805 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 78 Resp: 443418
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8





#41

Methacrylonitrile

Concen: 52.264 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 37652

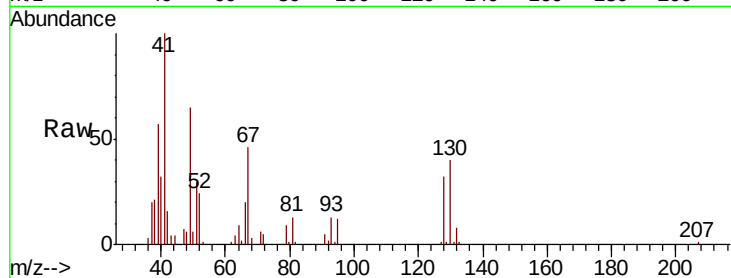
Ion Ratio Lower Upper

41 100

39 55.0 38.3 57.5

67 70.9 49.8 74.6

52 31.8 21.7 32.5

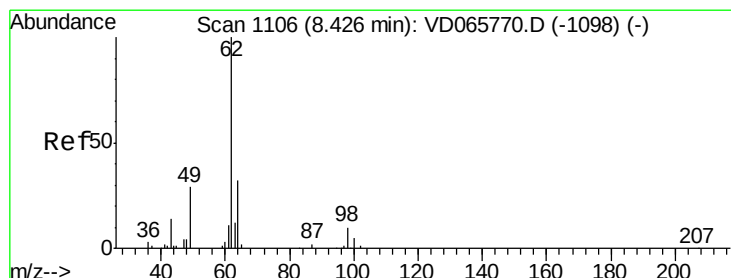
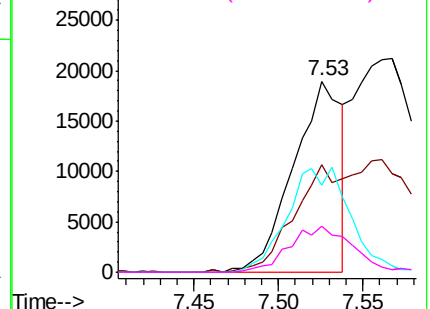
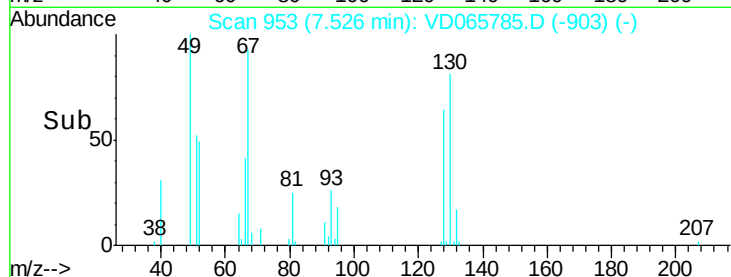


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.863 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065785.D

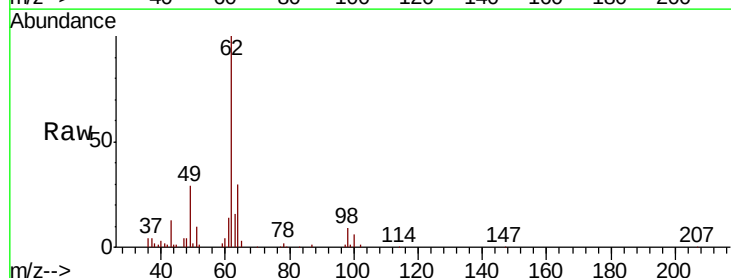
Acq: 08 Jun 2020 17:20

Tgt Ion: 62 Resp: 133938

Ion Ratio Lower Upper

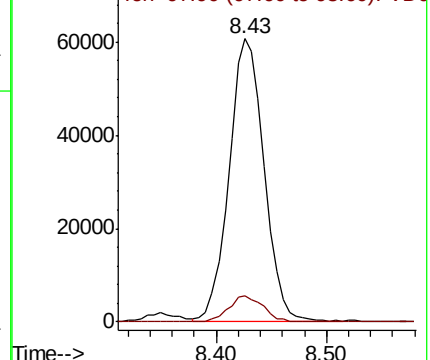
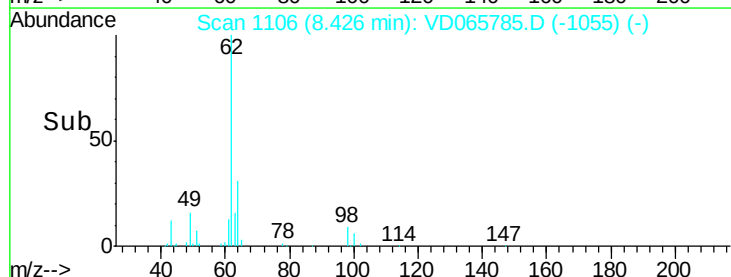
62 100

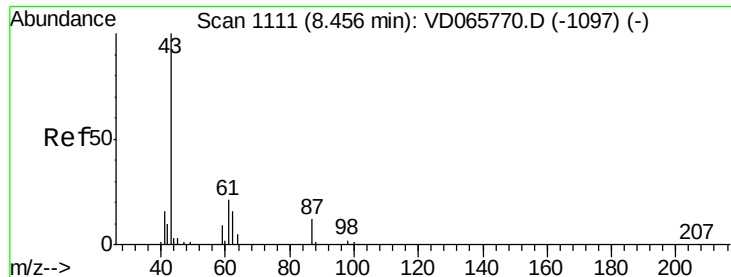
98 9.2 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 55.369 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

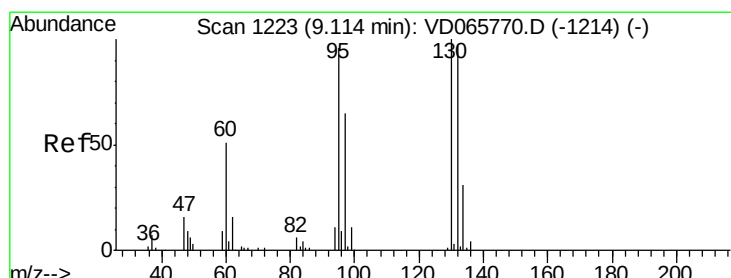
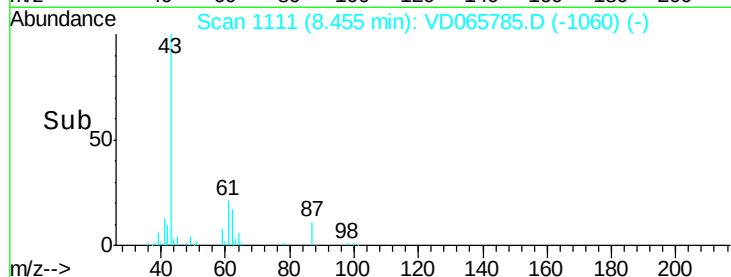
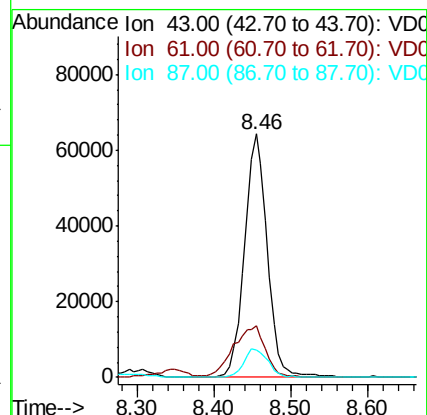
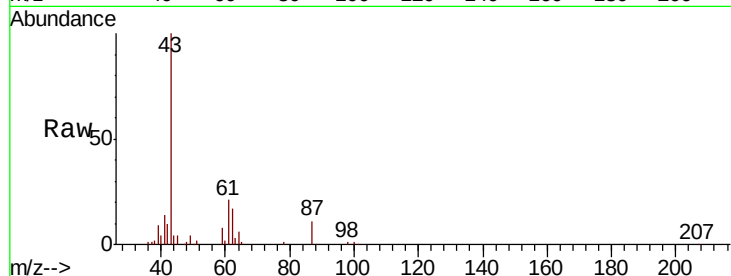
Tot Ion: 43 Resp: 133211

Ion Ratio Lower Upper

43 100

61 29.5 24.2 36.4

87 12.3 9.5 14.3



#44

Trichloroethene

Concen: 51.663 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065785.D

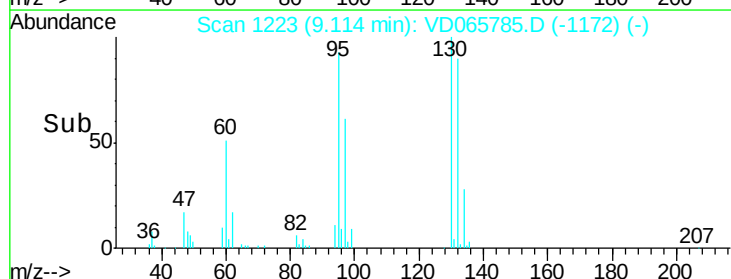
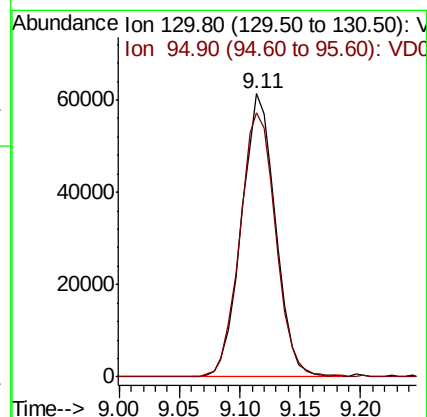
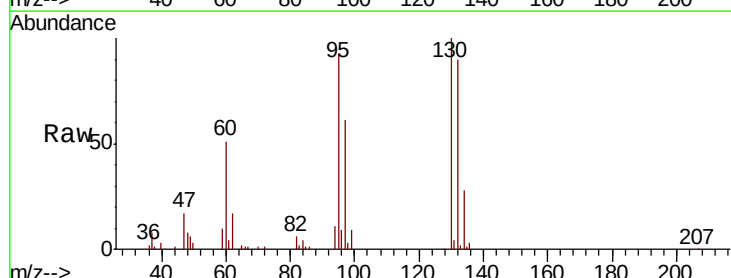
Acq: 08 Jun 2020 17:20

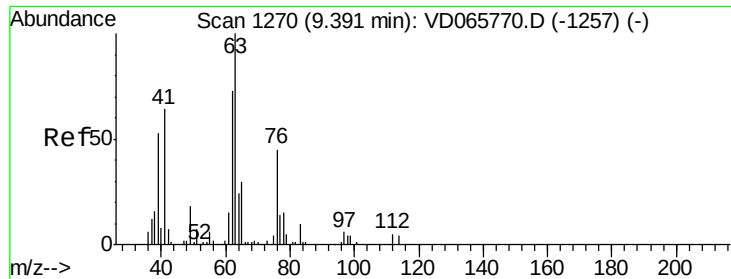
Tgt Ion:130 Resp: 120729

Ion Ratio Lower Upper

130 100

95 93.5 0.0 192.8

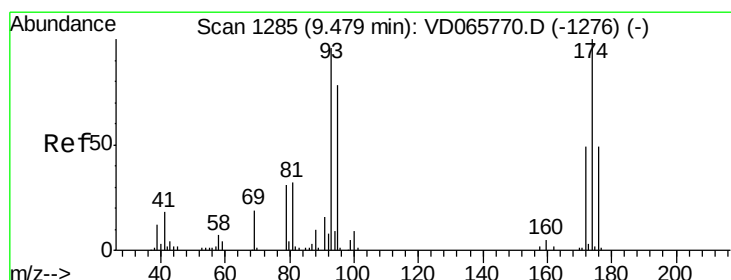
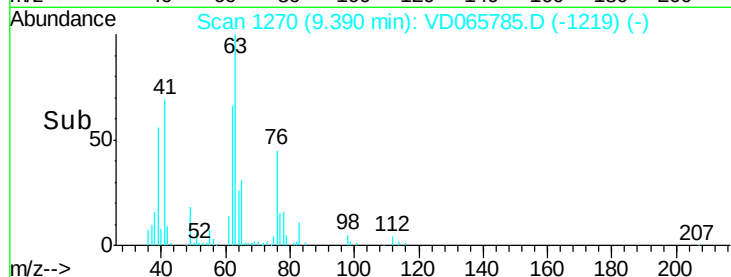
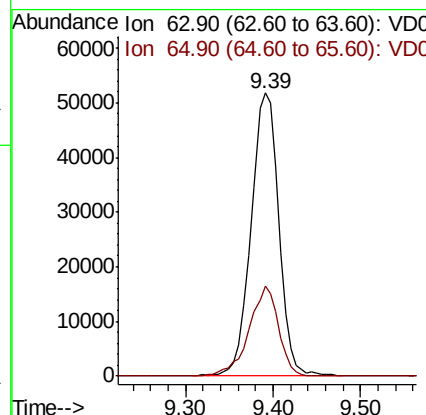
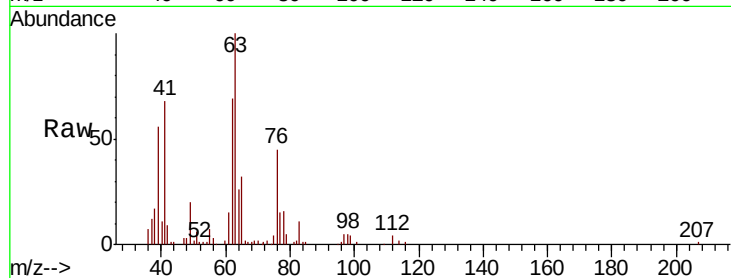




#45
 1,2-Dichloropropane
 Concen: 52.679 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

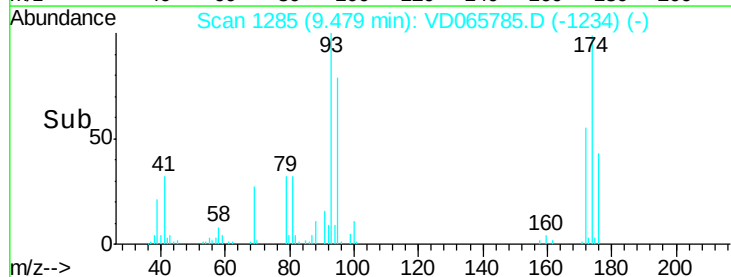
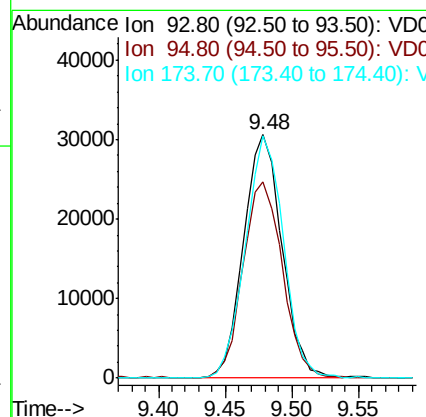
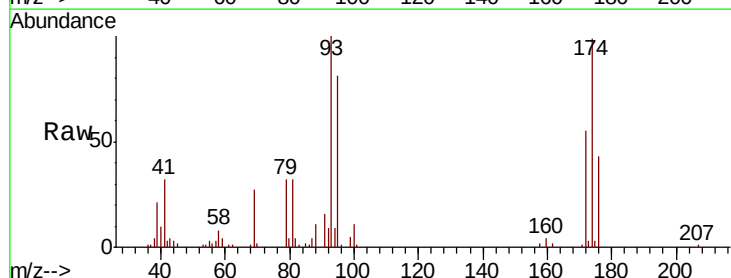
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

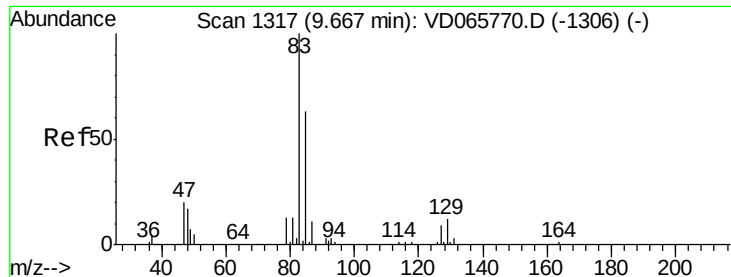
Tot Ion: 63 Resp: 111150
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.2 36.2



#46
 Dibromomethane
 Concen: 53.256 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion: 93 Resp: 60943
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.6
 174 98.6 80.9 121.3

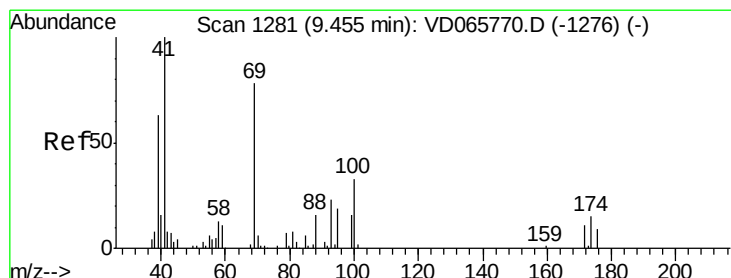
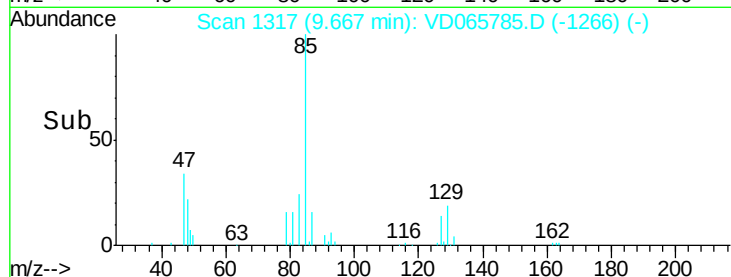
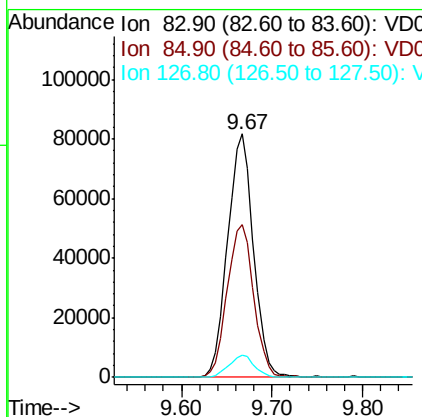
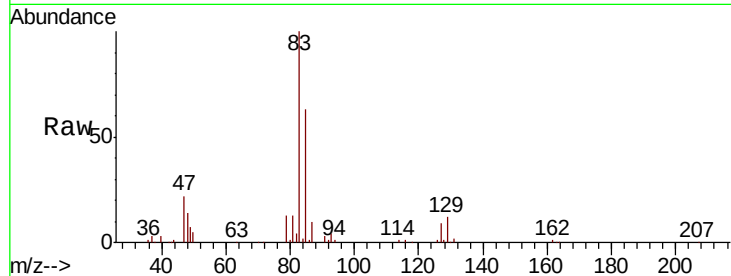




#47
Bromodichloromethane
Concen: 52.959 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

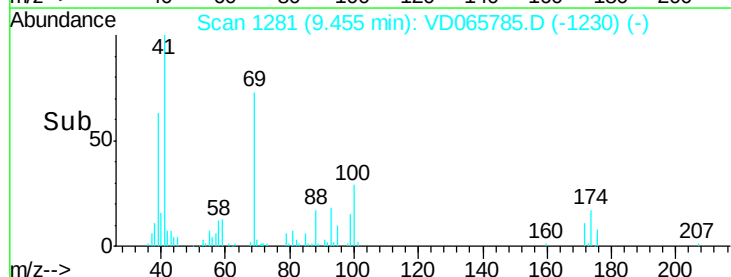
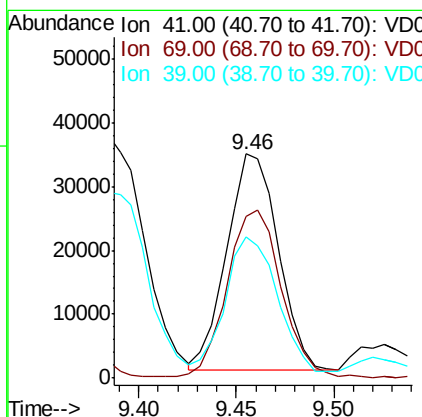
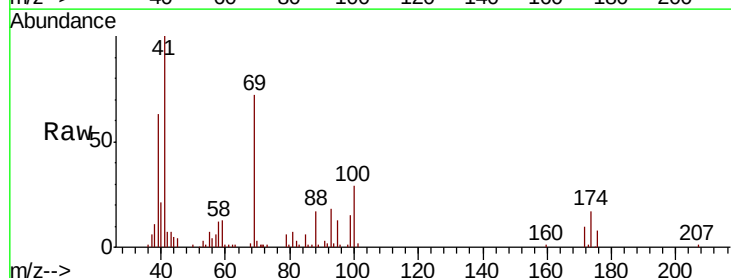
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

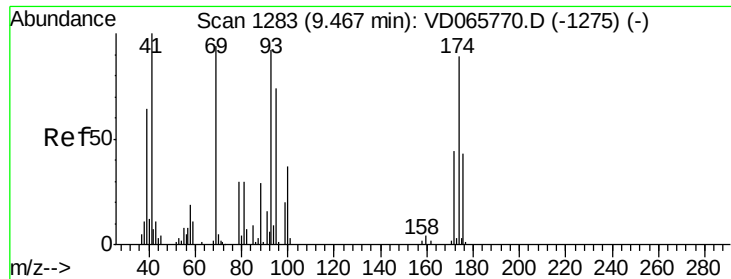
Tot Ion: 83 Resp: 162398
Ion Ratio Lower Upper
83 100
85 63.0 50.7 76.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 53.026 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 41 Resp: 61752
Ion Ratio Lower Upper
41 100
69 83.0 60.9 91.3
39 61.7 48.1 72.1

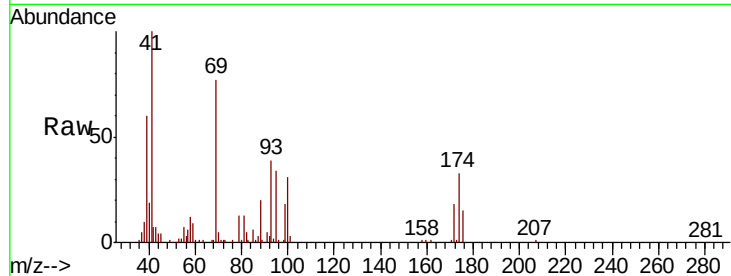




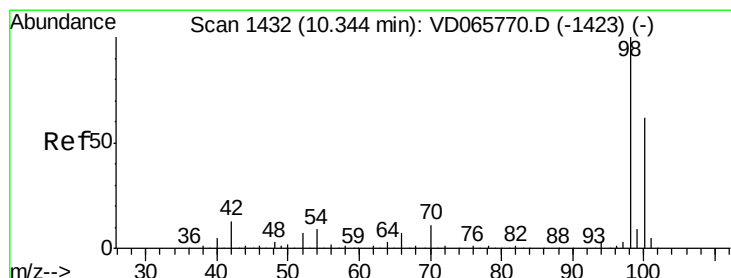
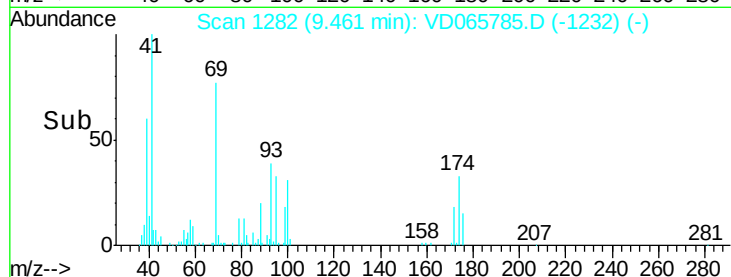
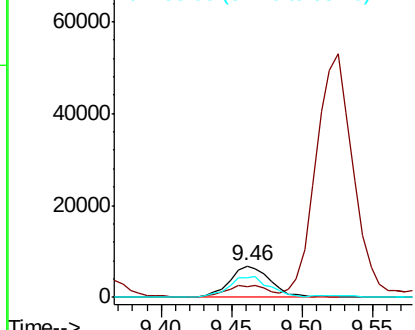
#49
1,4-Dioxane
Concen: 1123.887 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 13689
Ion Ratio Lower Upper
88 100
43 41.3 32.2 48.4
58 66.6 54.9 82.3

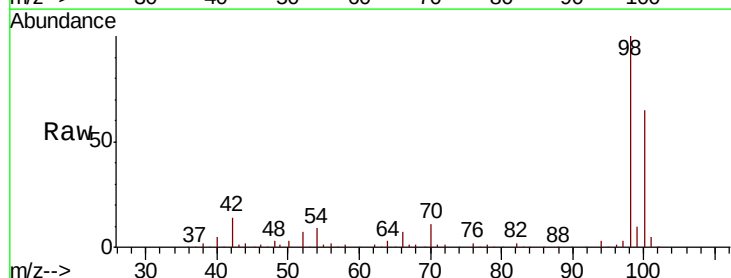


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

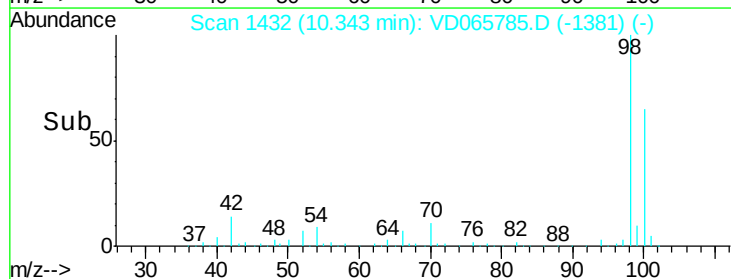
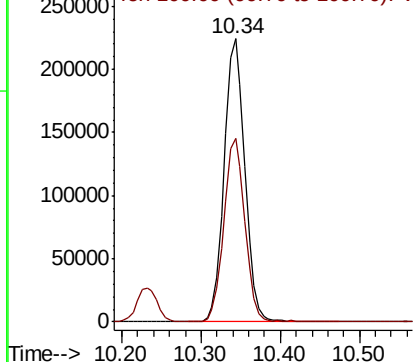


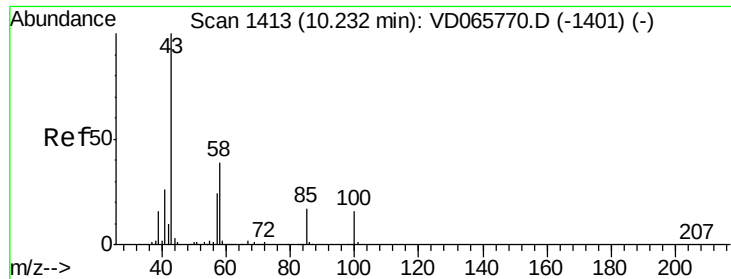
#50
Toluene-d8
Concen: 53.544 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 98 Resp: 404402
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 281.353 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

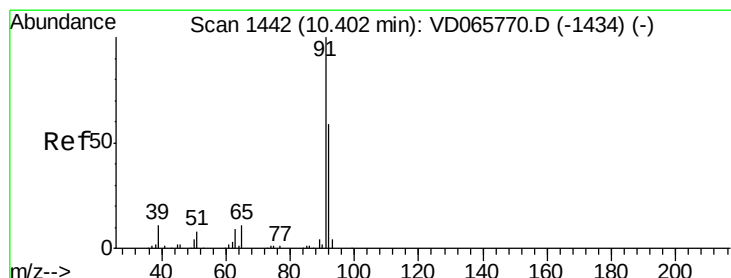
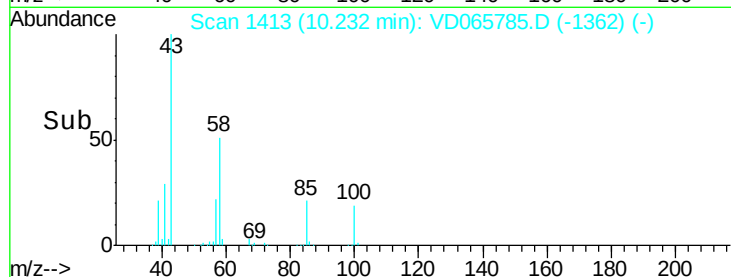
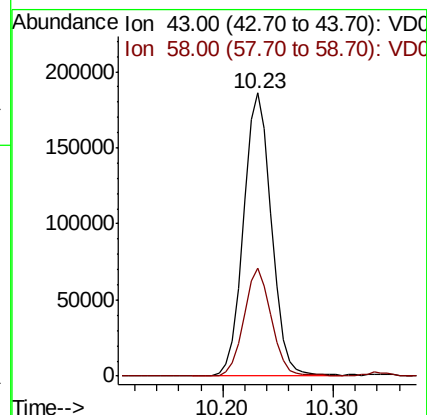
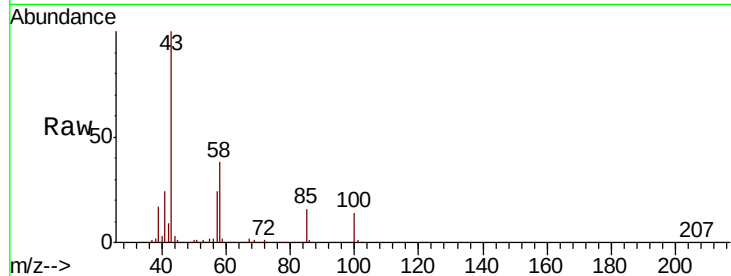
VSTDCCC050EC

Tot Ion: 43 Resp: 331687

Ion Ratio Lower Upper

43 100

58 37.4 30.7 46.1



#52

Toluene

Concen: 54.272 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD065785.D

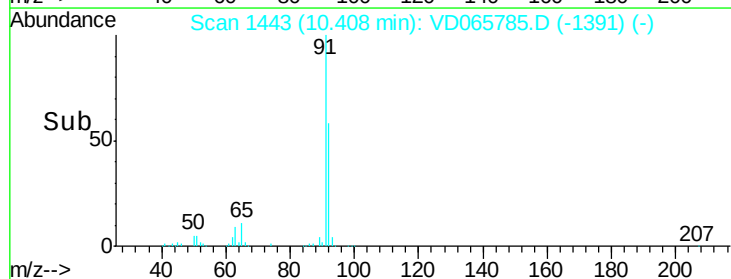
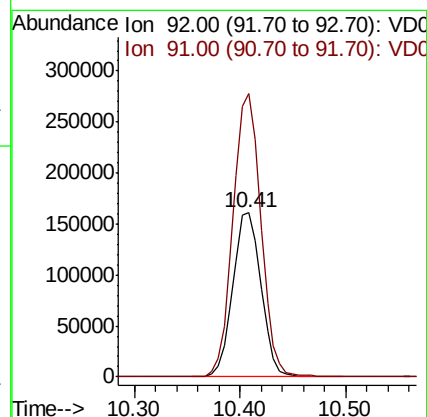
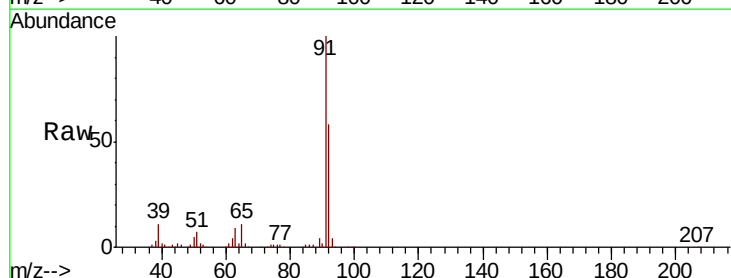
Acq: 08 Jun 2020 17:20

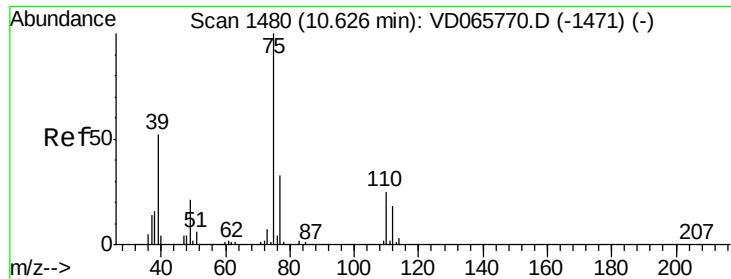
Tgt Ion: 92 Resp: 296119

Ion Ratio Lower Upper

92 100

91 171.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 55.011 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

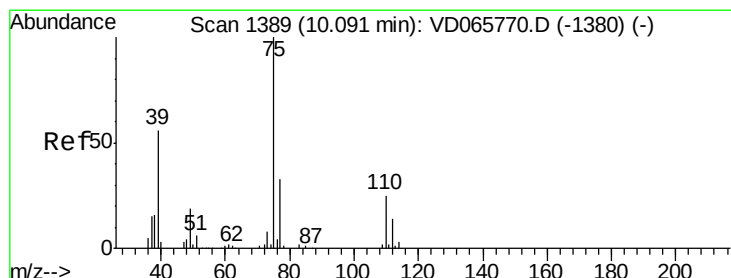
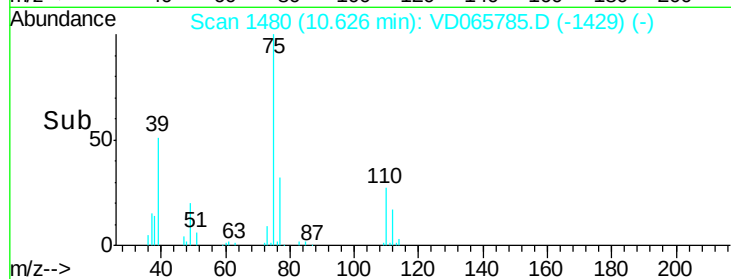
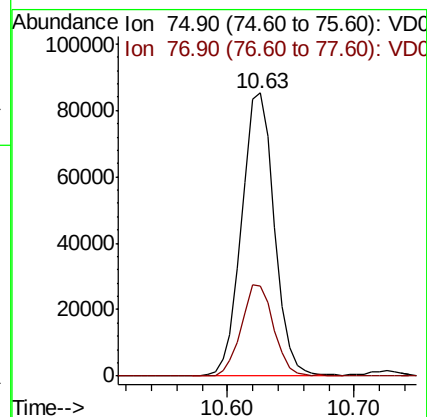
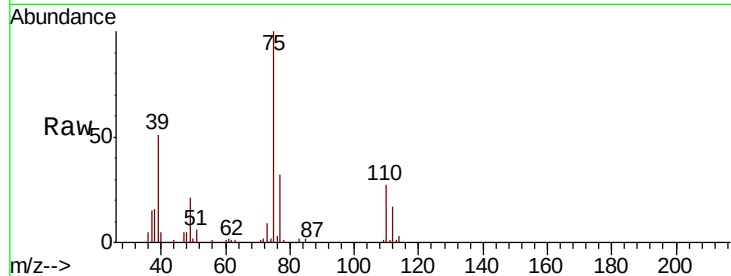
VSTDCCC050EC

Tot Ion: 75 Resp: 152754

Ion Ratio Lower Upper

75 100

77 31.9 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 55.185 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

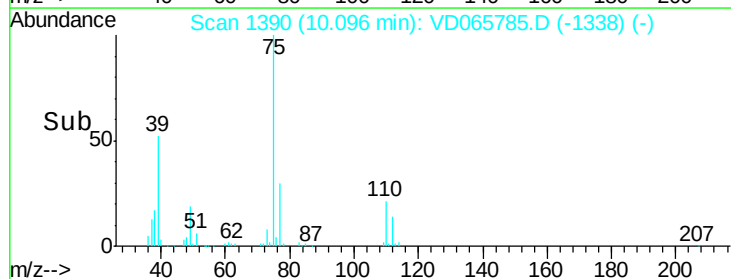
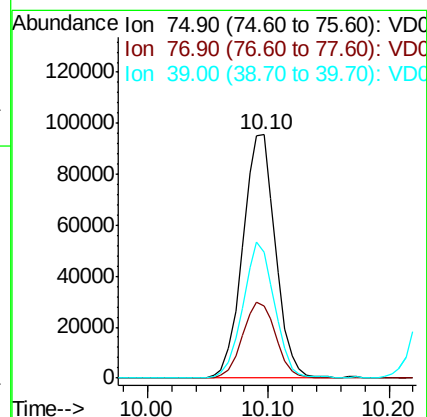
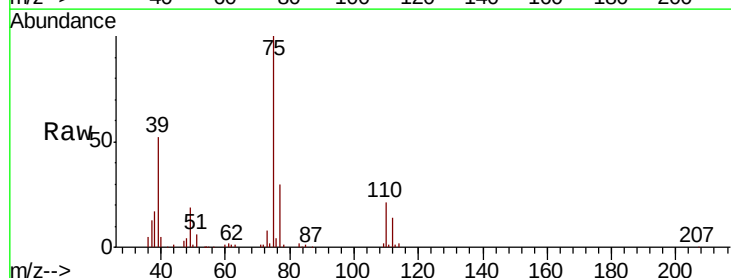
Tgt Ion: 75 Resp: 180979

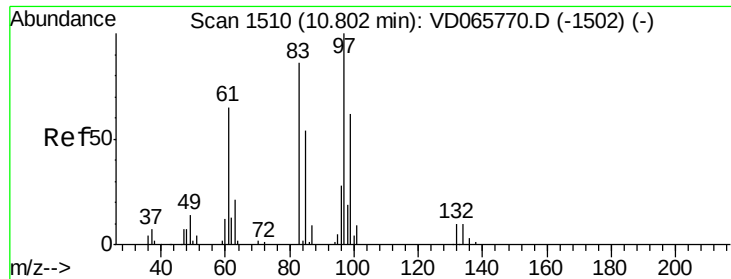
Ion Ratio Lower Upper

75 100

77 29.8 26.0 39.0

39 51.8 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 54.344 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 83092

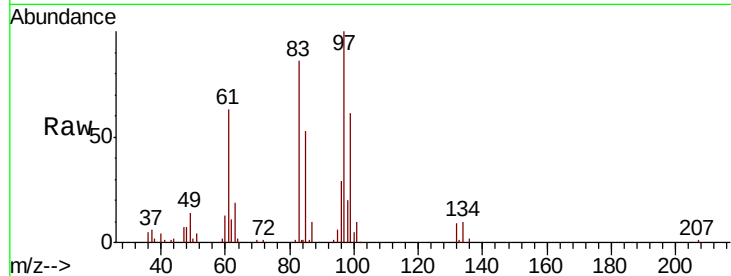
Ion Ratio Lower Upper

97 100

83 85.6 68.7 103.1

85 53.2 43.0 64.6

99 61.1 49.8 74.6

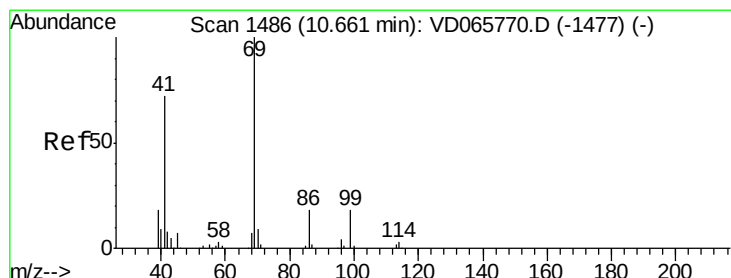
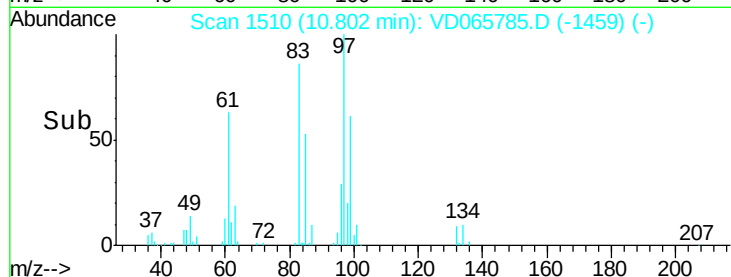
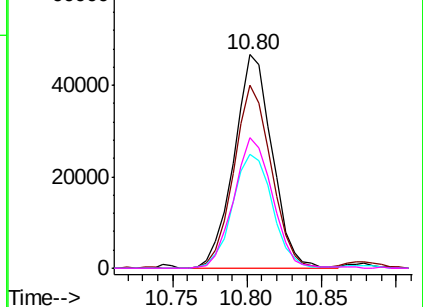


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 57.414 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

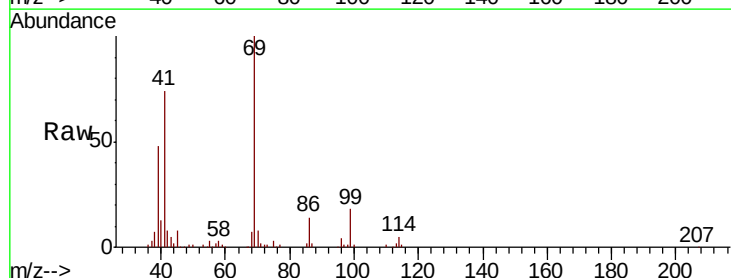
Tgt Ion: 69 Resp: 103255

Ion Ratio Lower Upper

69 100

41 72.3 56.9 85.3

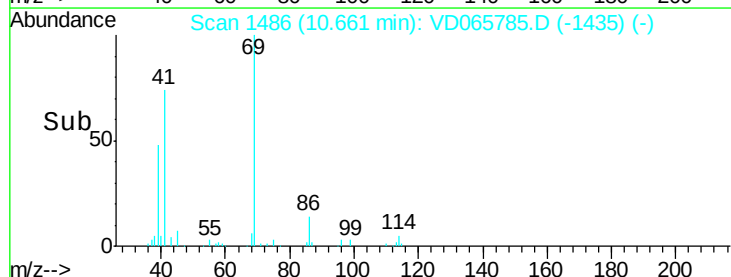
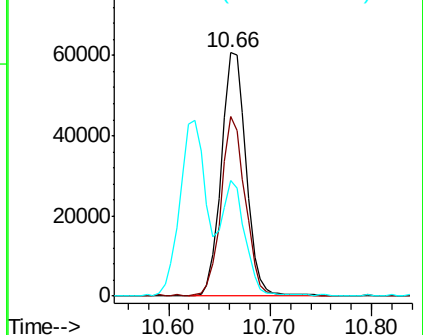
39 44.5 36.0 54.0

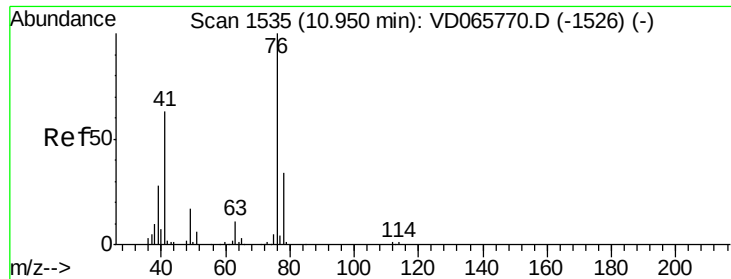


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

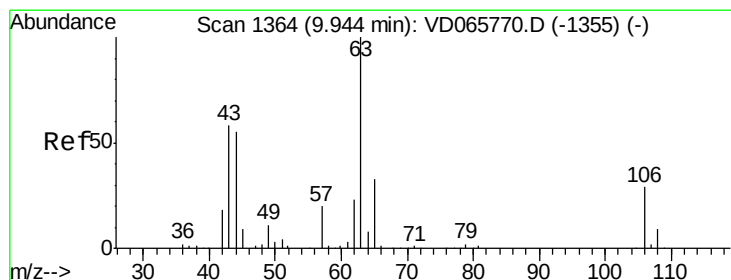
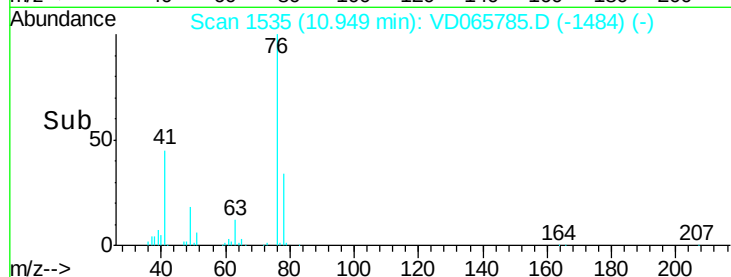
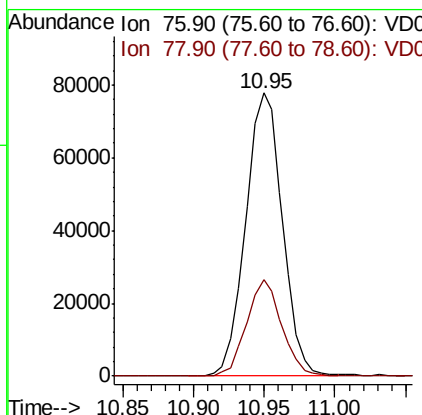
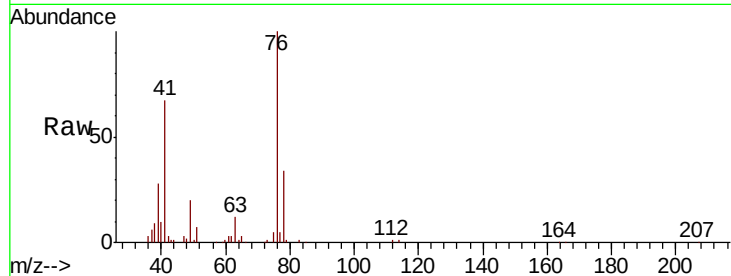




#57
 1,3-Dichloropropane
 Concen: 53.601 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

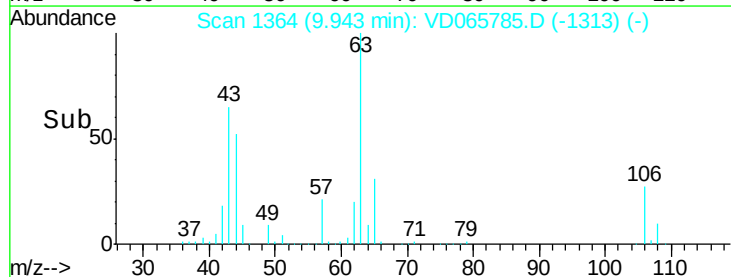
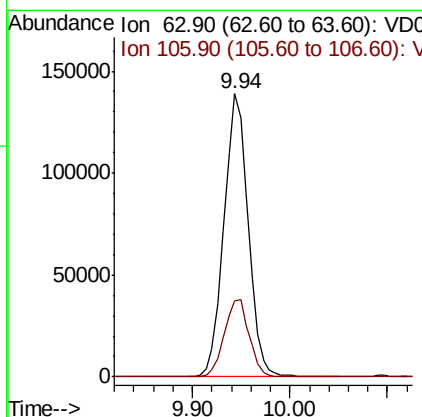
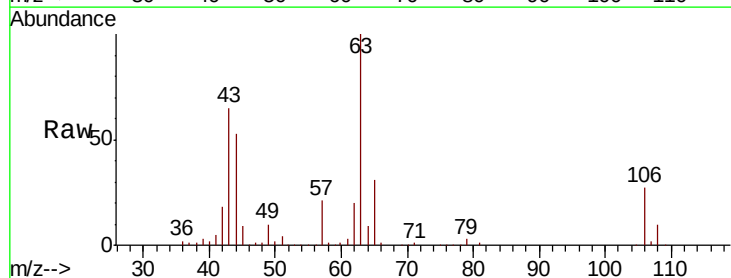
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

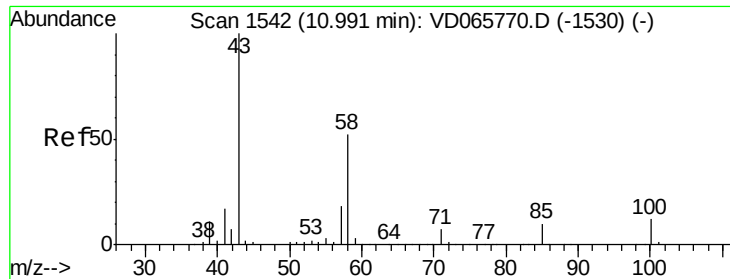
Tot Ion: 76 Resp: 141989
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.359 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion: 63 Resp: 239431
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.2 34.8

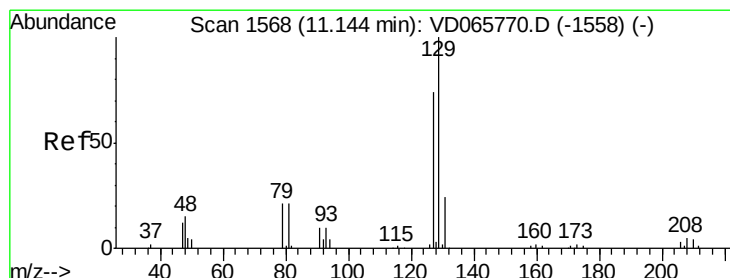
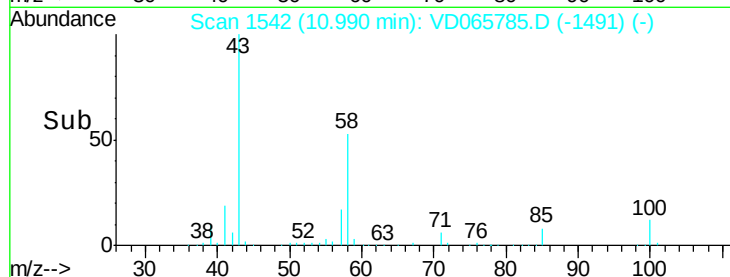
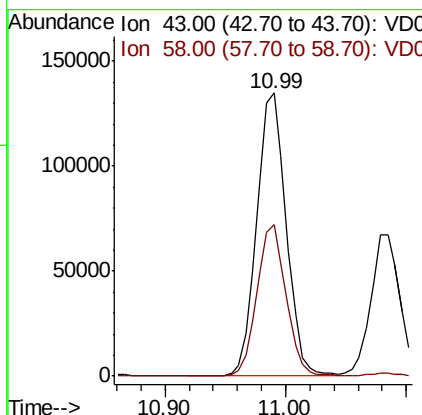
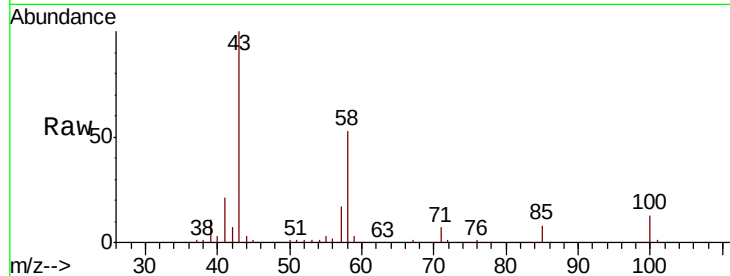




#59
2-Hexanone
Concen: 288.652 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

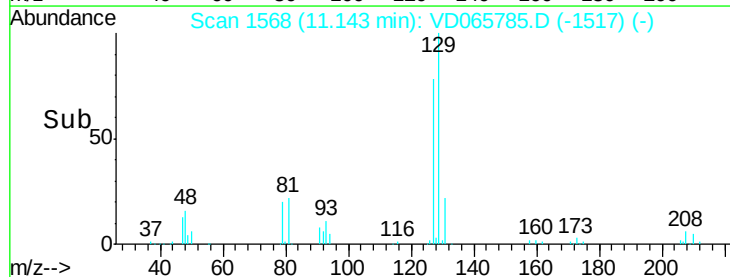
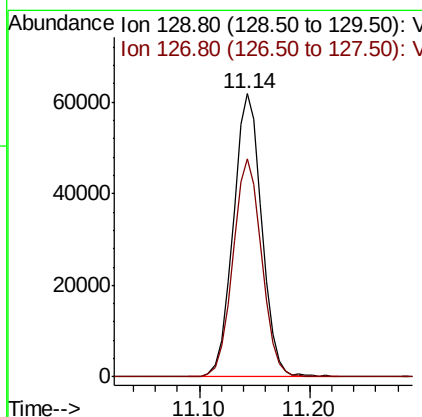
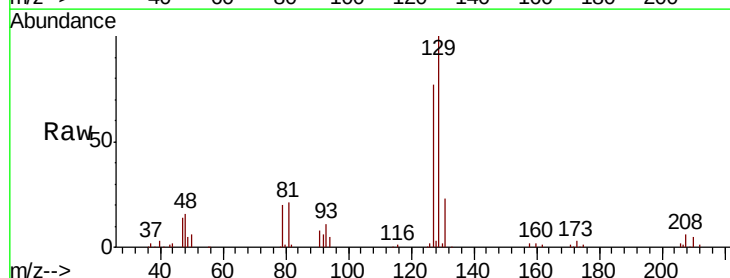
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

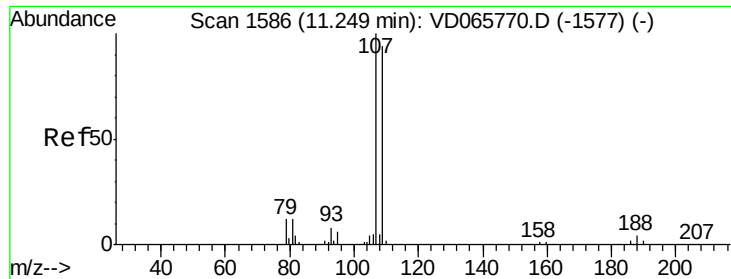
Tot Ion: 43 Resp: 229422
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.0



#60
Dibromochloromethane
Concen: 54.082 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 129 Resp: 111709
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9

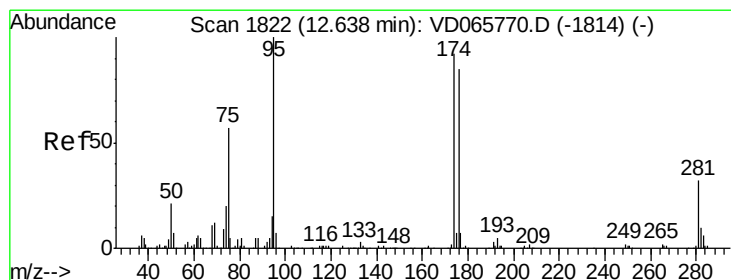
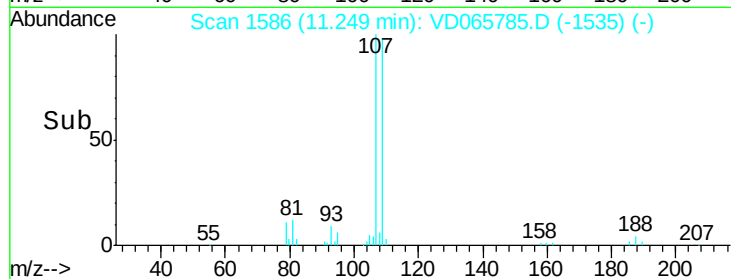
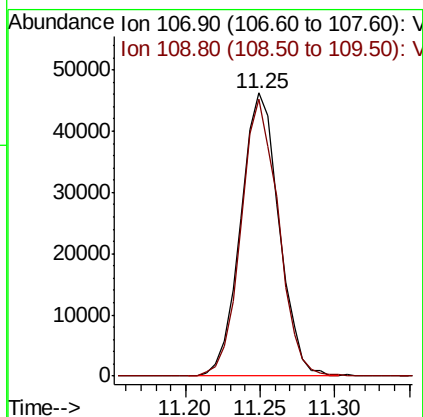
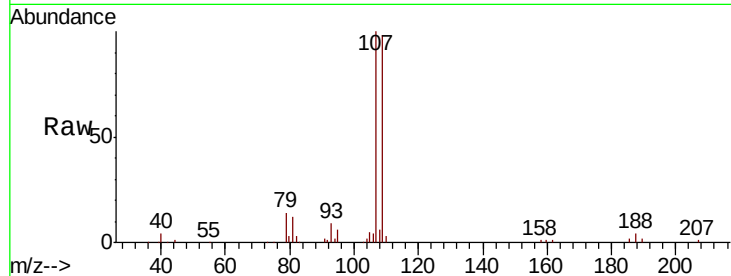




#61
 1,2-Dibromoethane
 Concen: 54.757 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

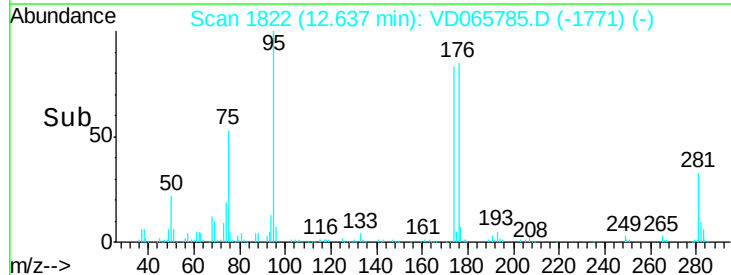
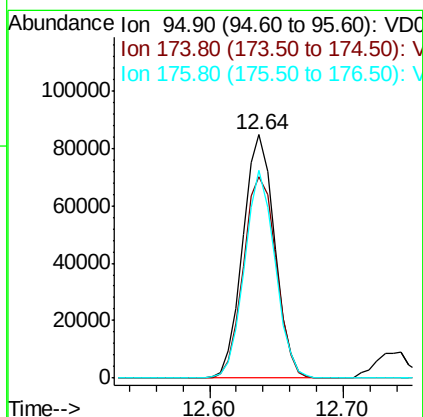
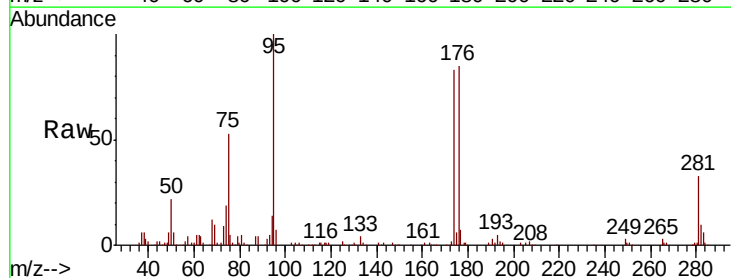
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

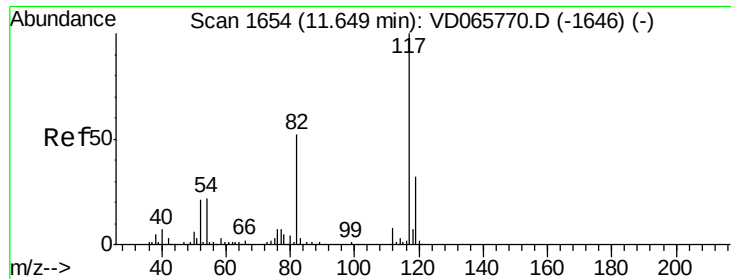
Tot Ion:107 Resp: 82280
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 54.461 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion: 95 Resp: 139493
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 175.2
 176 81.3 0.0 163.0

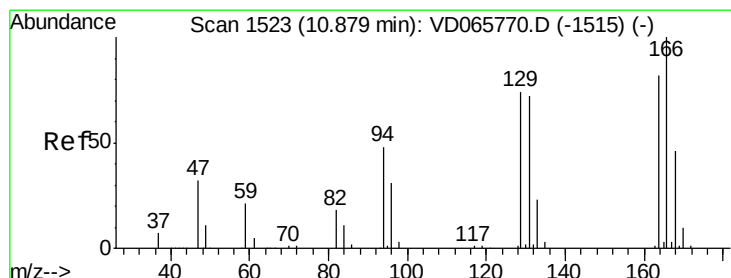
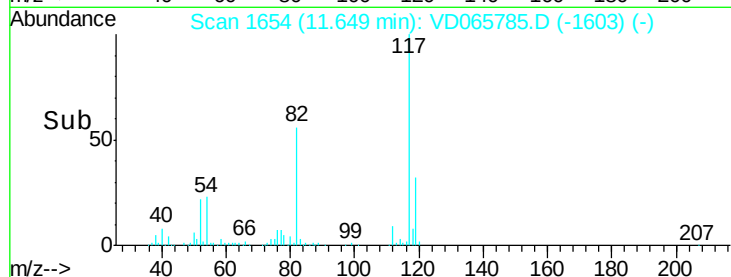
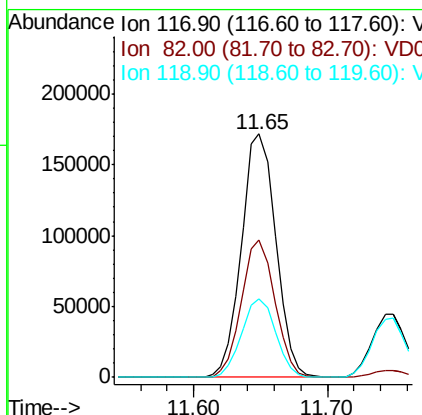
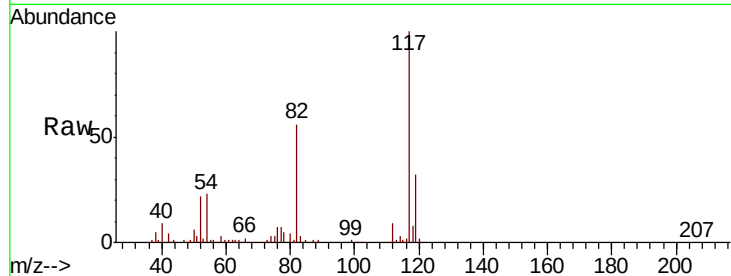




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

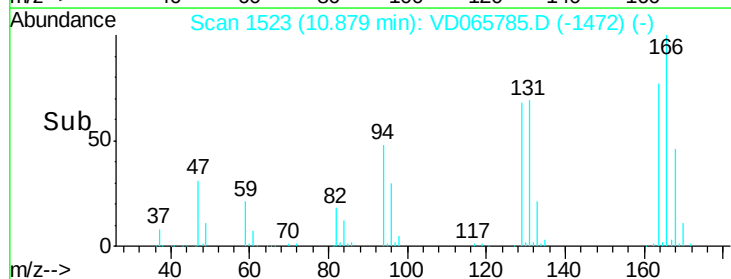
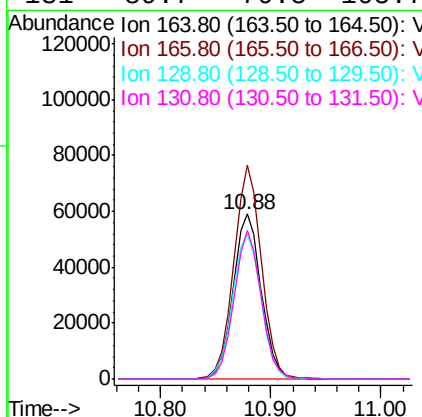
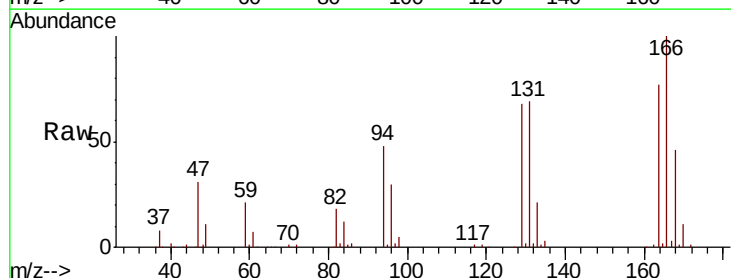
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

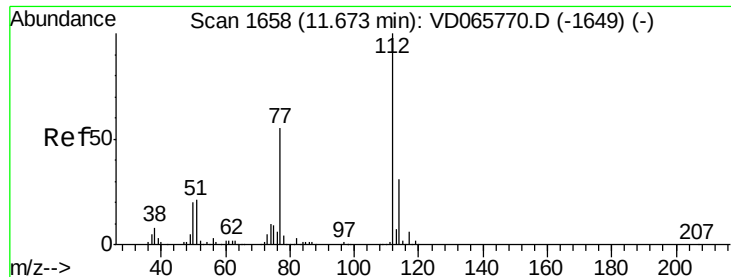
Tot Ion:117 Resp: 306339
Ion Ratio Lower Upper
117 100
82 56.3 41.9 62.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 50.915 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion:164 Resp: 105469
Ion Ratio Lower Upper
164 100
166 129.4 98.2 147.2
129 87.9 72.3 108.5
131 89.7 70.5 105.7

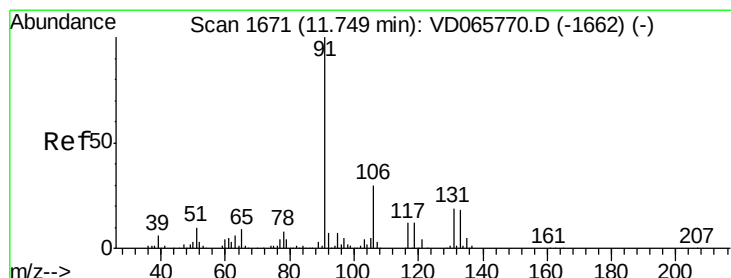
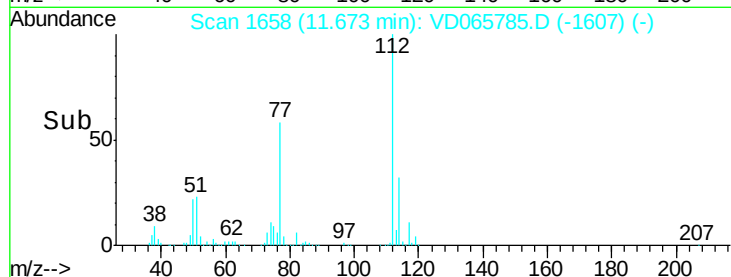
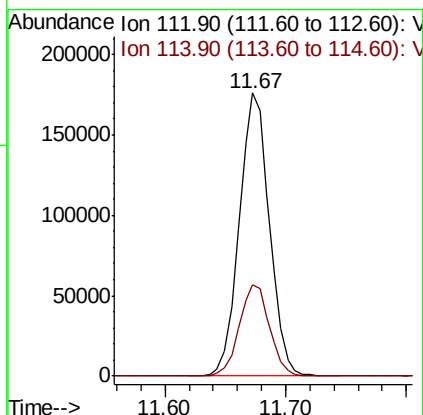
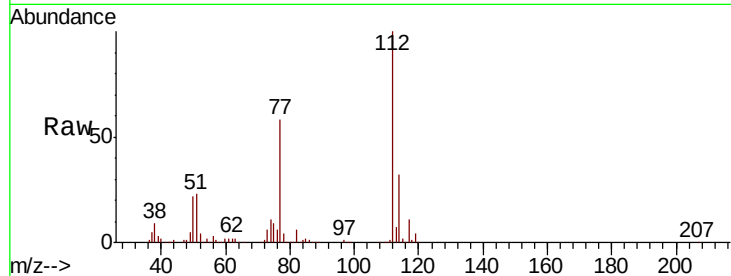




#65
Chlorobenzene
Concen: 51.115 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

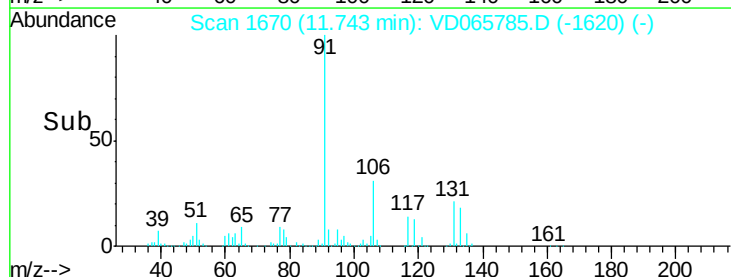
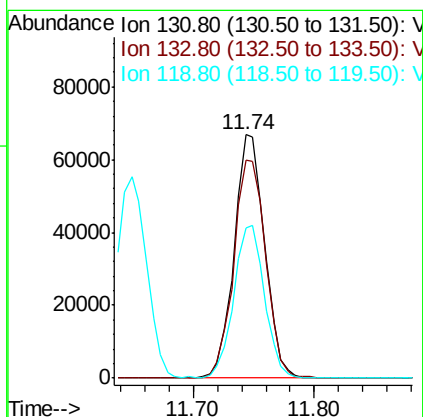
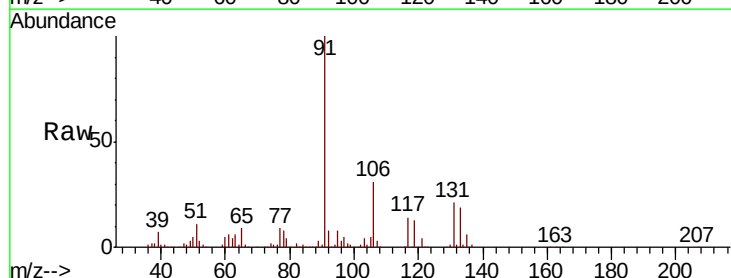
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

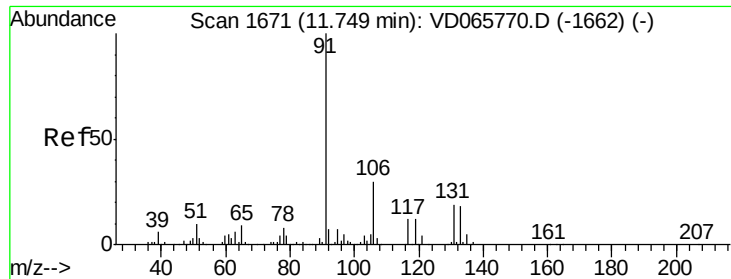
Tot Ion:112 Resp: 305692
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.827 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion:131 Resp: 117765
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 63.3 31.6 94.8





#67

Ethyl Benzene

Concen: 52.771 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

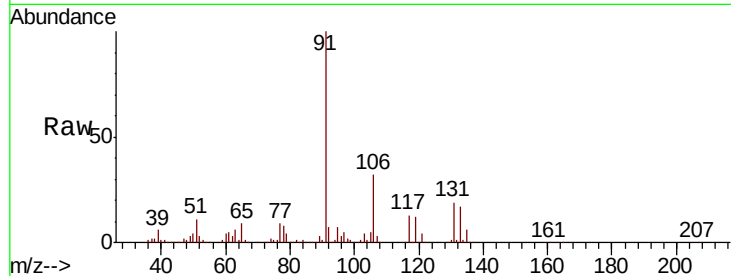
VSTDCCC050EC

Tot Ion: 91 Resp: 563790

Ion Ratio Lower Upper

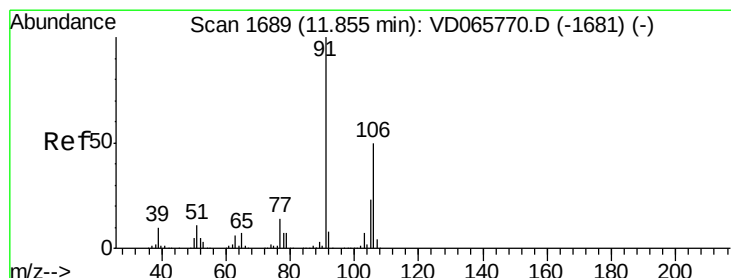
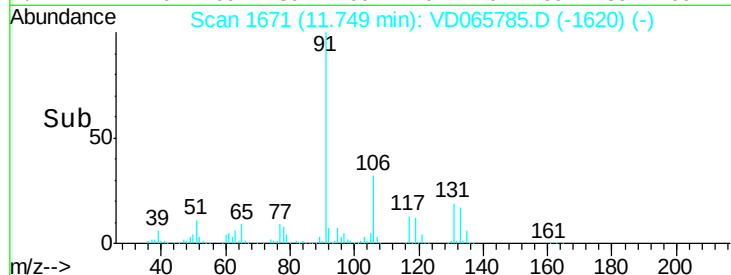
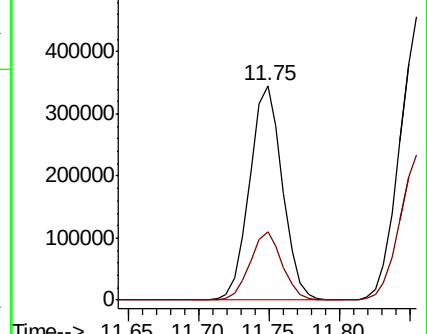
91 100

106 31.9 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 107.397 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065785.D

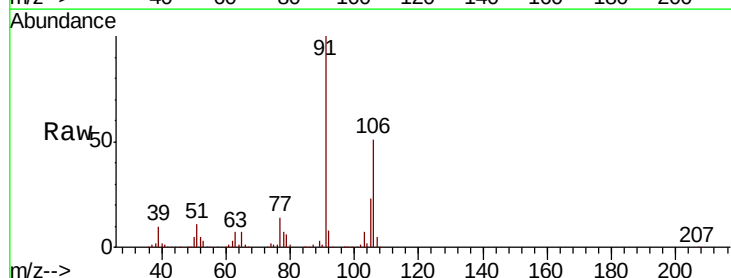
Acq: 08 Jun 2020 17:20

Tgt Ion: 106 Resp: 441956

Ion Ratio Lower Upper

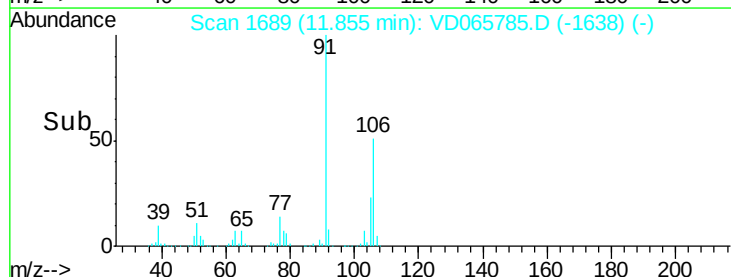
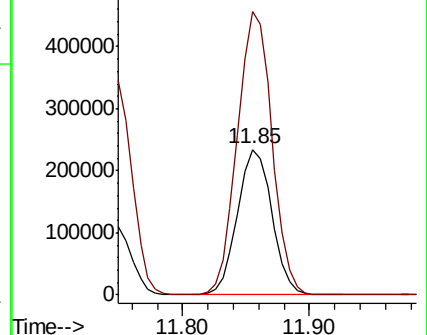
106 100

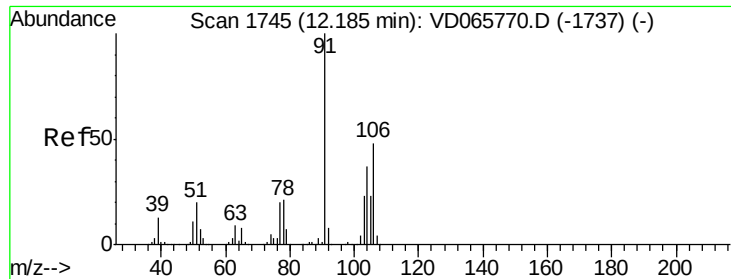
91 195.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

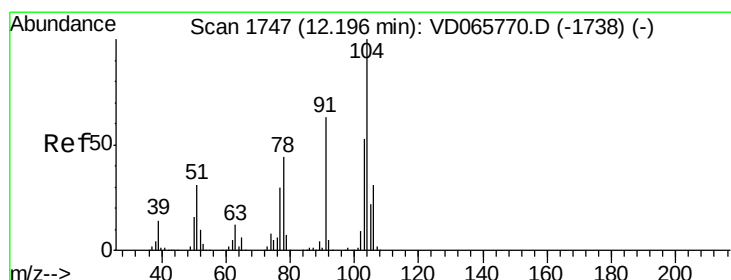
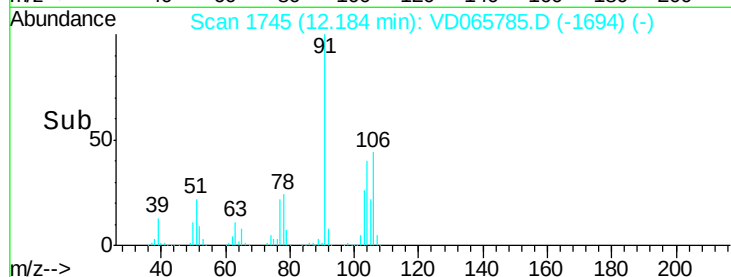
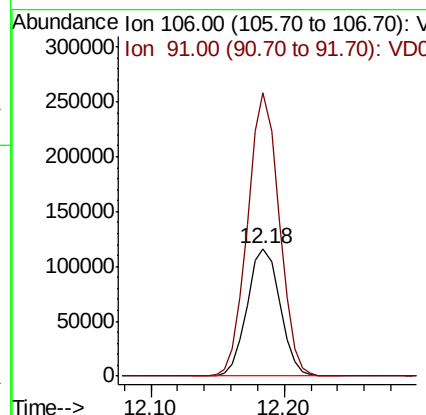
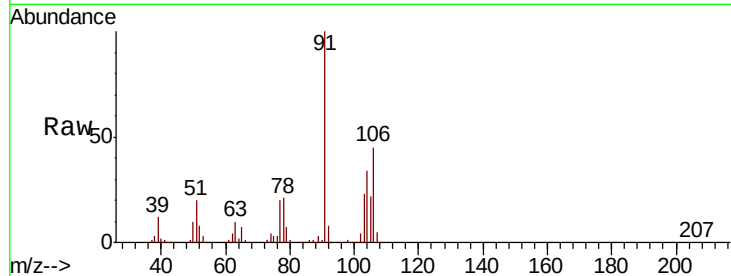




#69
o-Xylene
Concen: 53.101 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

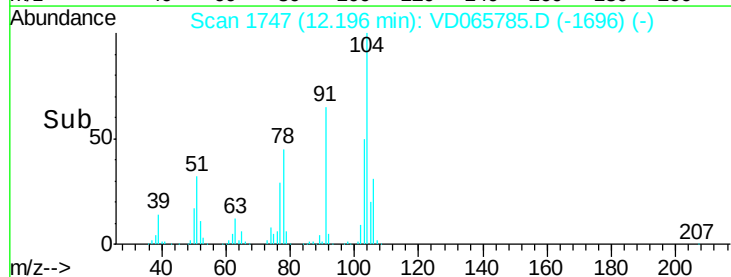
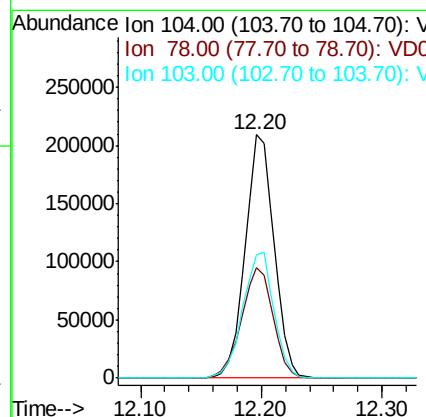
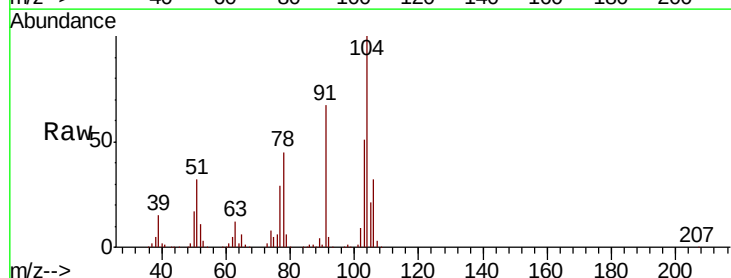
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

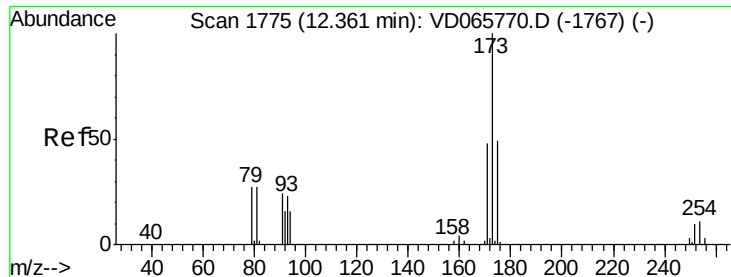
Tot Ion:106 Resp: 197026
Ion Ratio Lower Upper
106 100
91 214.3 105.3 315.8



#70
Styrene
Concen: 54.622 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion:104 Resp: 350848
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 55.5 43.9 65.9





#71

Bromoform

Concen: 53.545 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

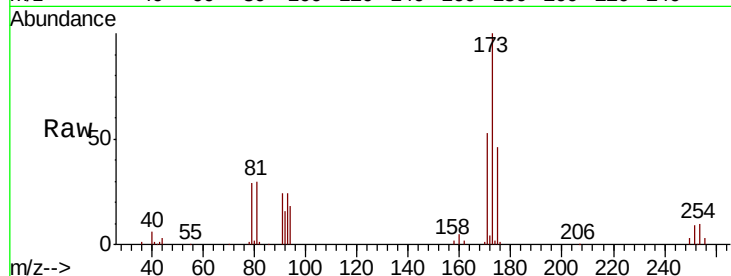
Tot Ion:173 Resp: 65731

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.4

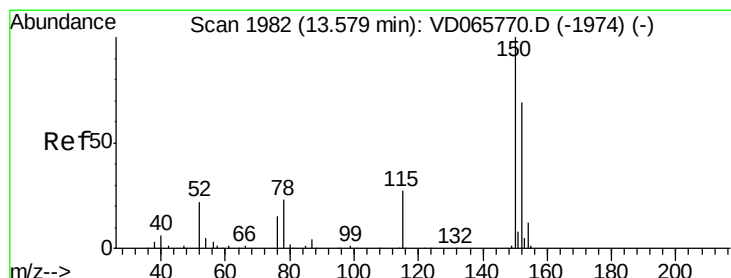
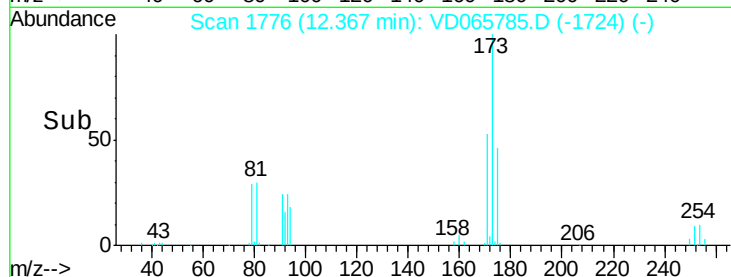
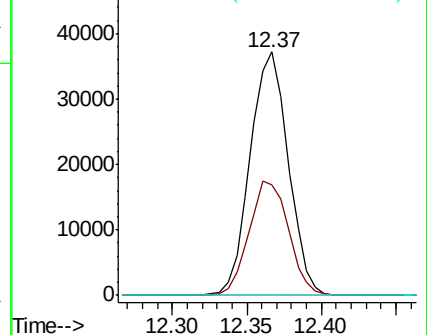
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

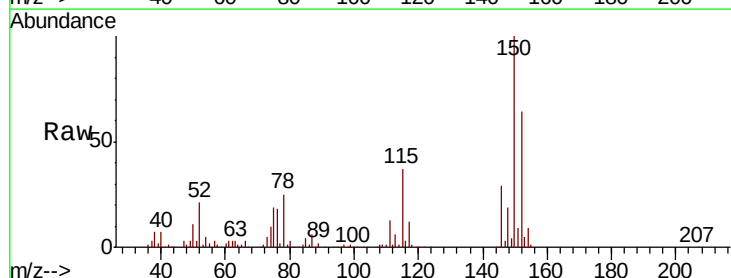
Tgt Ion:152 Resp: 157784

Ion Ratio Lower Upper

152 100

115 58.7 28.7 86.1

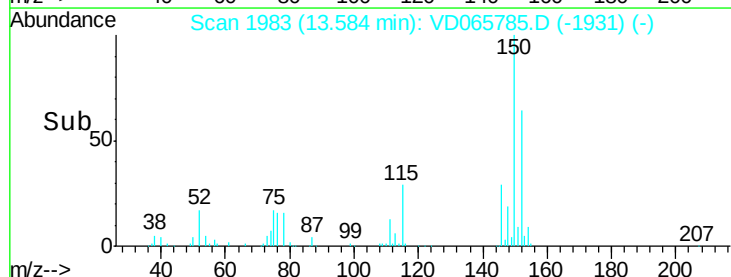
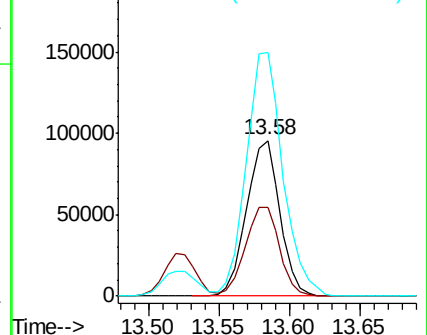
150 173.1 0.0 348.0

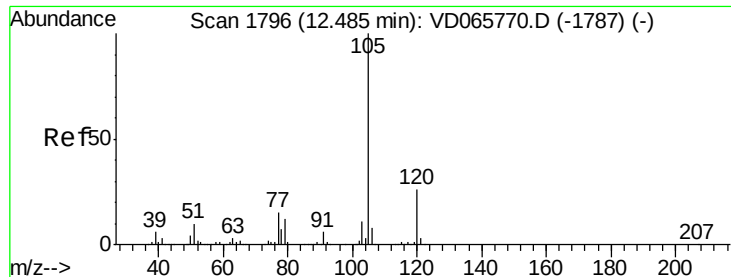


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.710 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

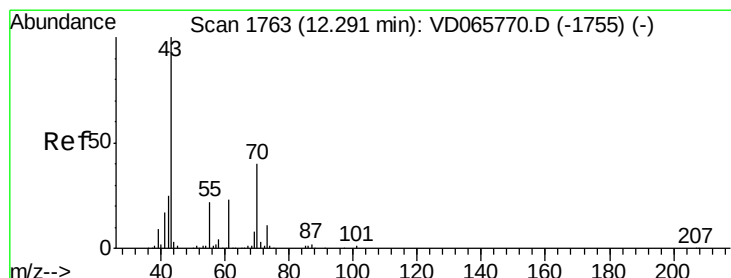
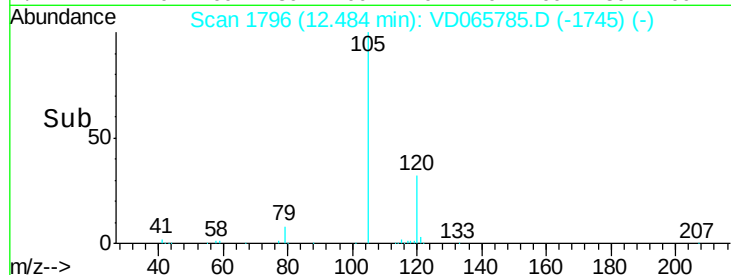
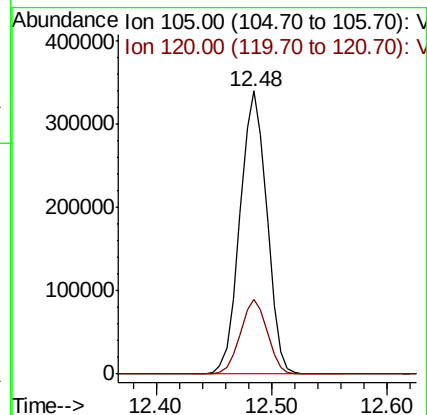
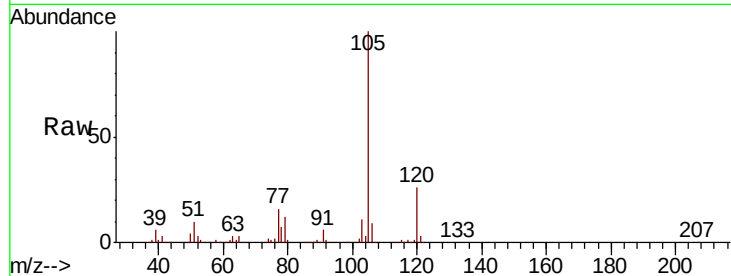
VSTDCCC050EC

Tot Ion:105 Resp: 547033

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 53.997 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Tgt Ion: 43 Resp: 127085

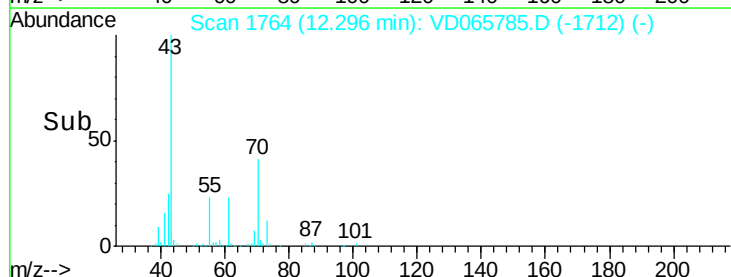
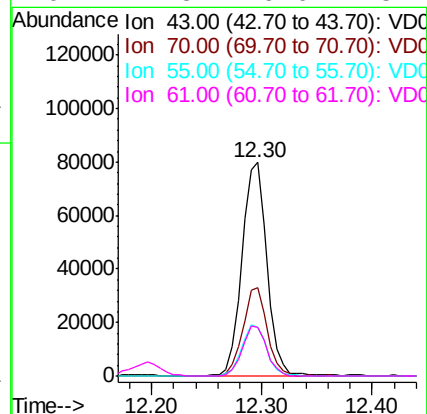
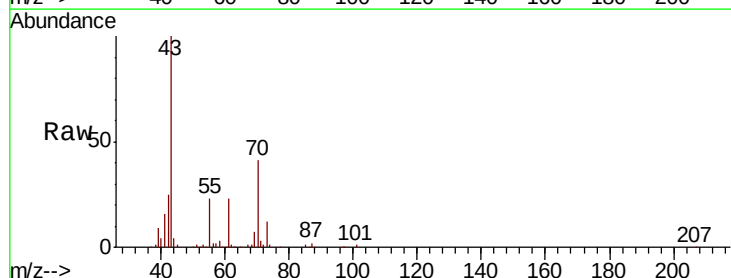
Ion Ratio Lower Upper

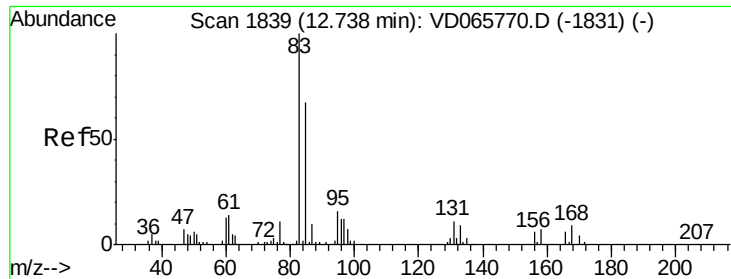
43 100

70 40.3 32.3 48.5

55 23.8 19.0 28.4

61 22.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.592 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

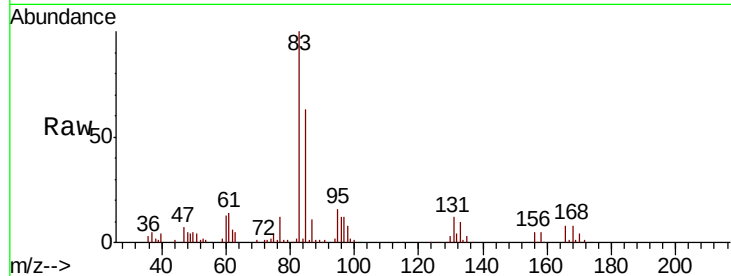
Tot Ion: 83 Resp: 92175

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

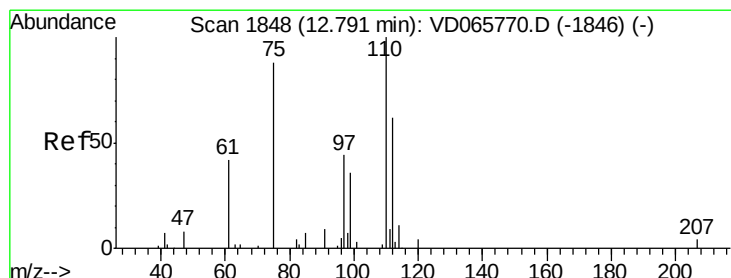
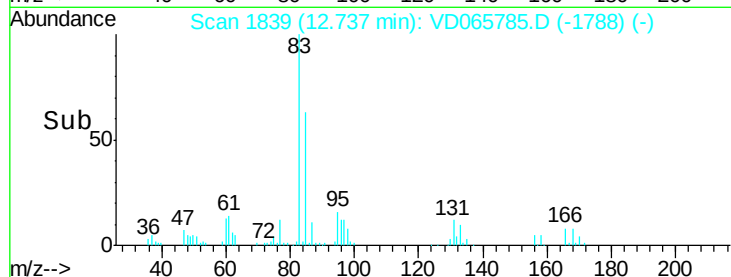
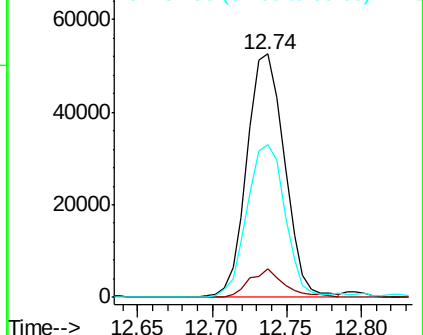
85 63.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 98.952 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065785.D

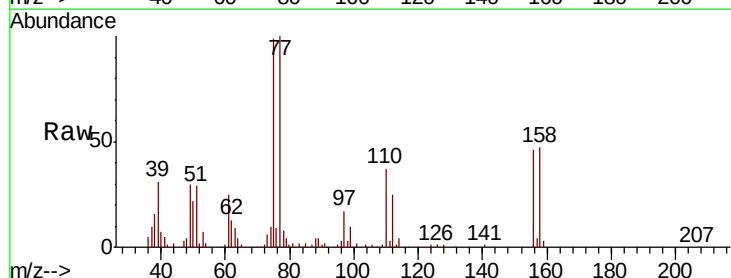
Acq: 08 Jun 2020 17:20

Tgt Ion: 75 Resp: 121425

Ion Ratio Lower Upper

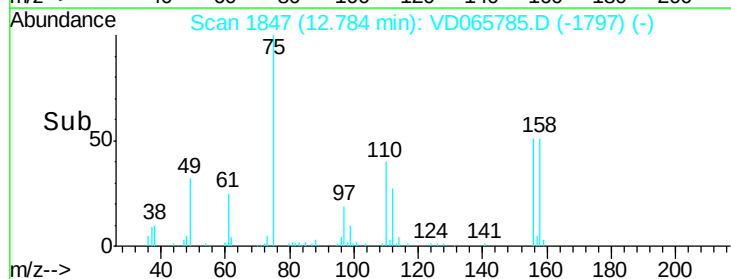
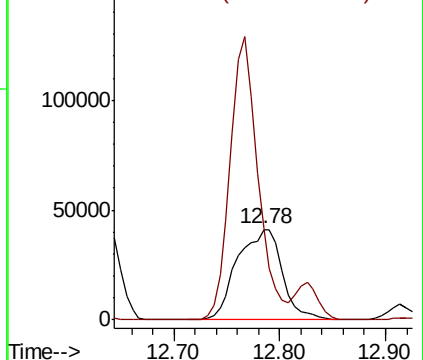
75 100

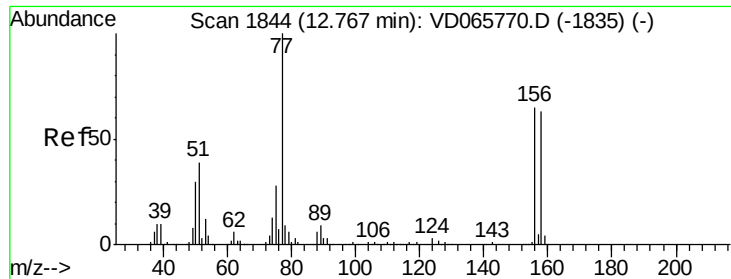
77 195.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.632 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

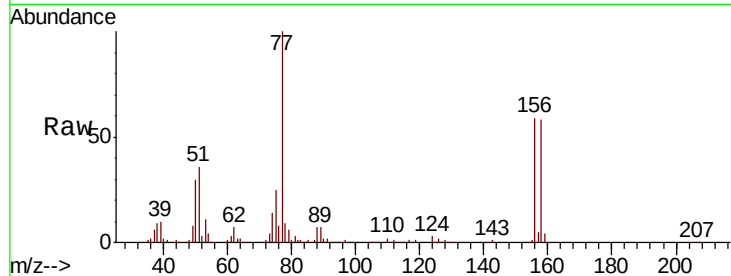
Tot Ion:156 Resp: 131737

Ion Ratio Lower Upper

156 100

77 179.7 87.3 261.8

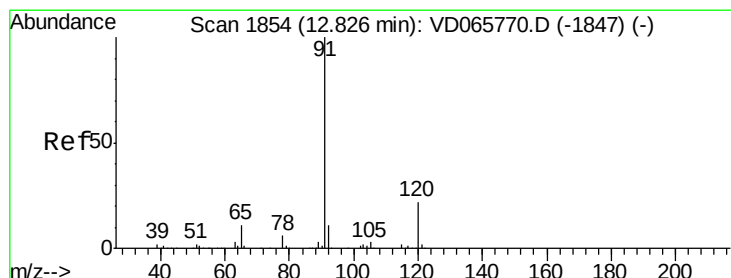
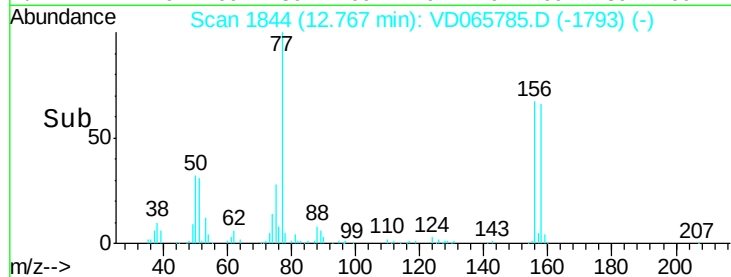
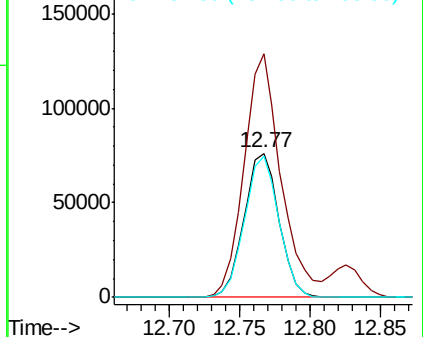
158 96.5 48.0 144.0



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: 52.289 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065785.D

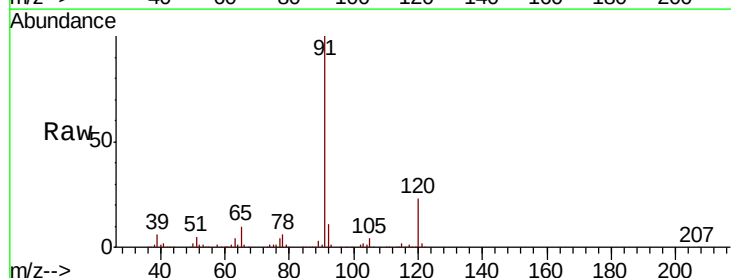
Acq: 08 Jun 2020 17:20

Tgt Ion: 91 Resp: 665842

Ion Ratio Lower Upper

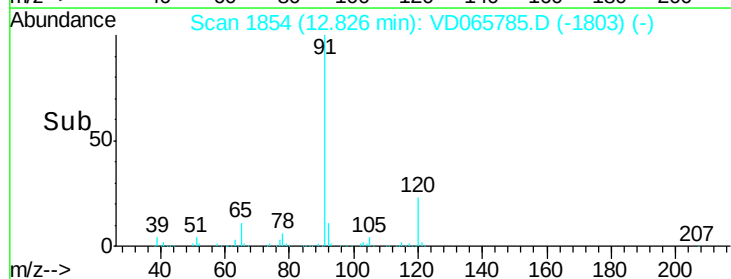
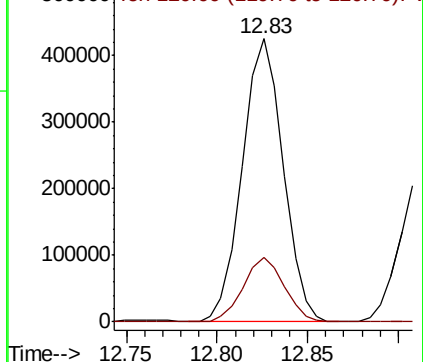
91 100

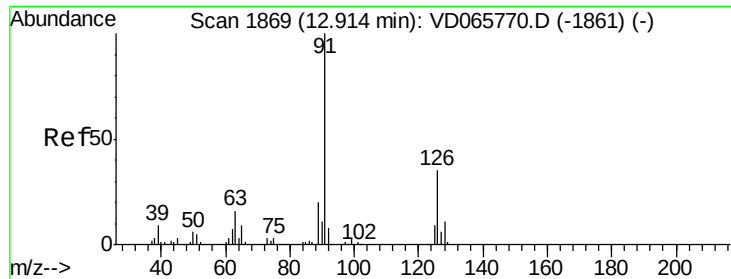
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

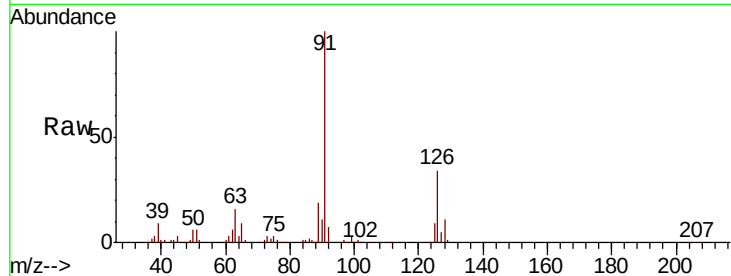




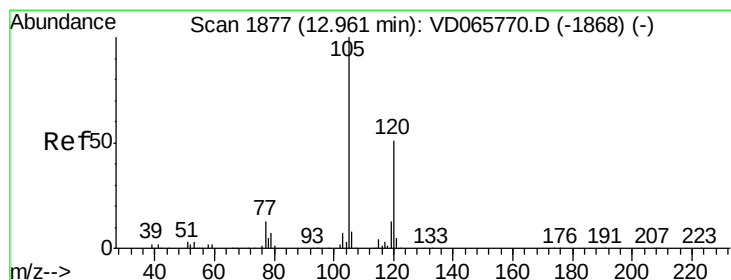
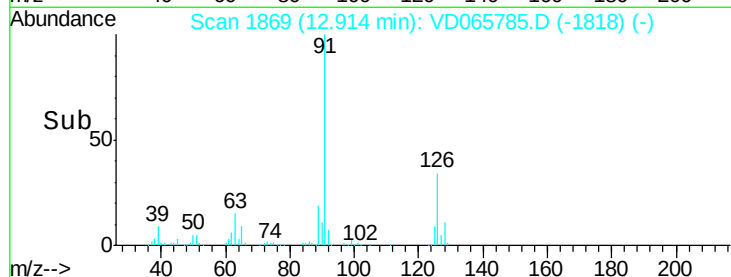
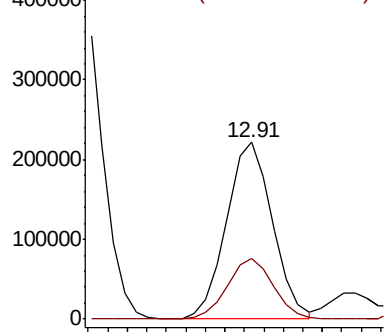
#79
2-Chlorotoluene
Concen: 51.853 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 362225
Ion Ratio Lower Upper
91 100
126 34.2 17.5 52.6

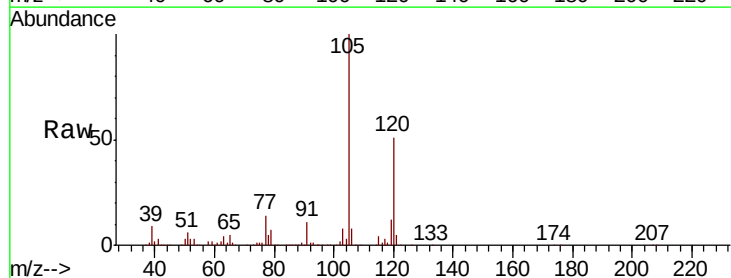


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

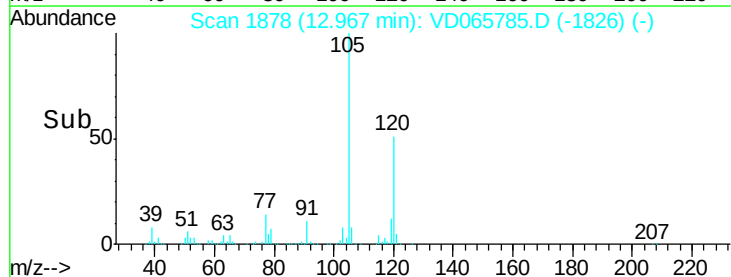
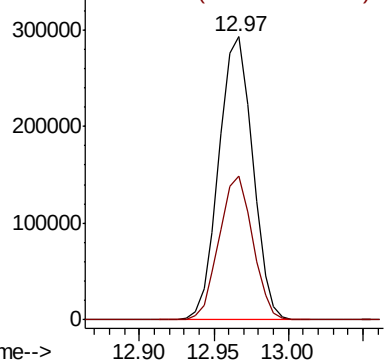


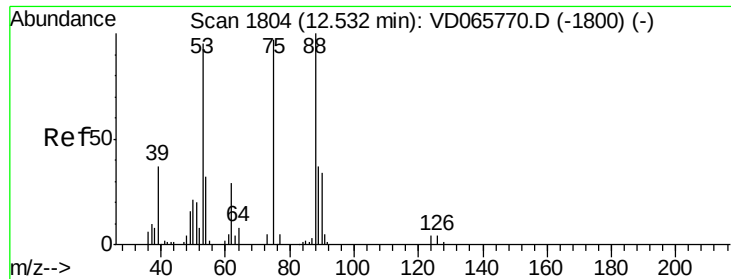
#80
1,3,5-Trimethylbenzene
Concen: 52.268 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion:105 Resp: 460134
Ion Ratio Lower Upper
105 100
120 50.3 25.4 76.0



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

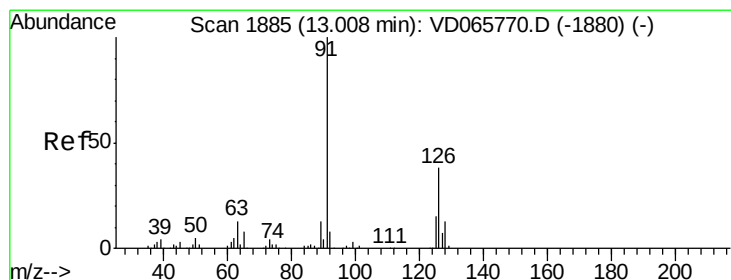
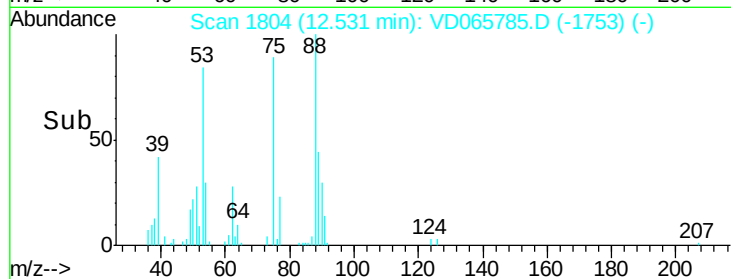
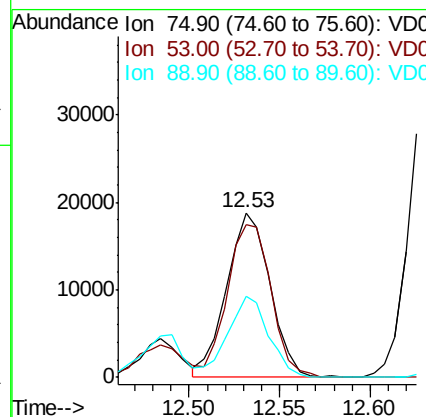
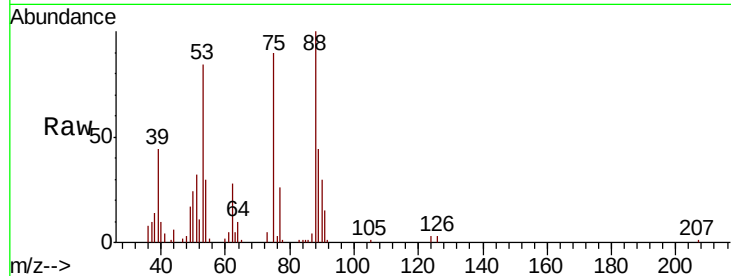




#81
trans-1,4-Dichloro-2-butene
Concen: 55.051 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

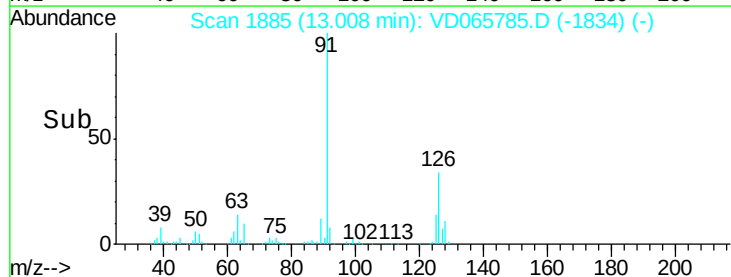
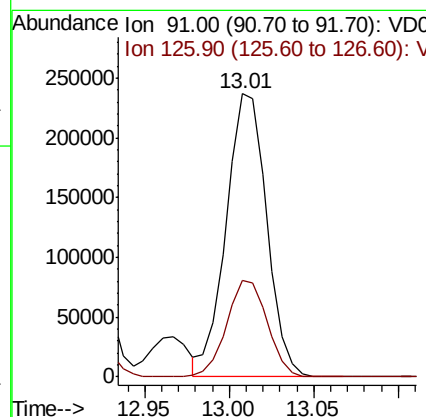
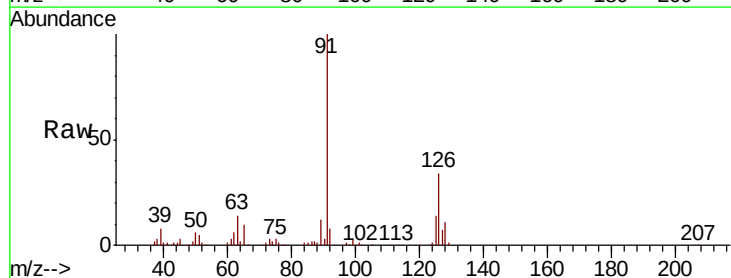
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

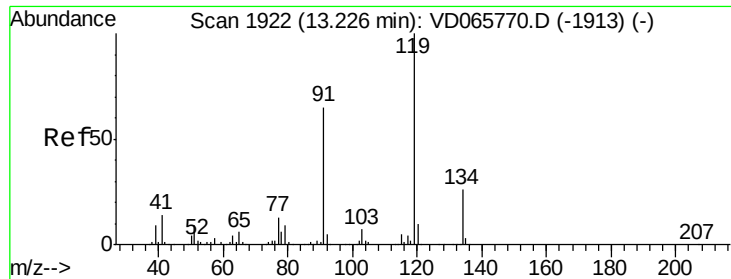
Tot Ion: 75 Resp: 31266
Ion Ratio Lower Upper
75 100
53 93.1 82.6 123.8
89 46.7 35.9 53.9



#82
4-Chlorotoluene
Concen: 52.822 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 91 Resp: 396067
Ion Ratio Lower Upper
91 100
126 34.3 17.6 52.8

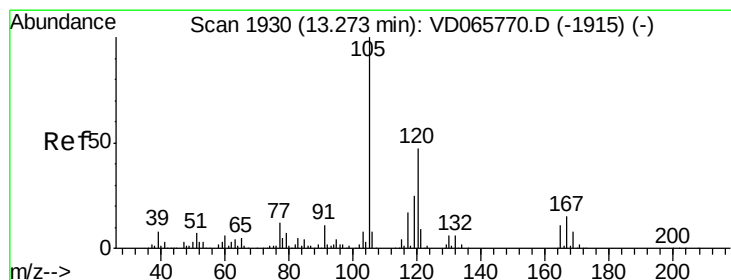
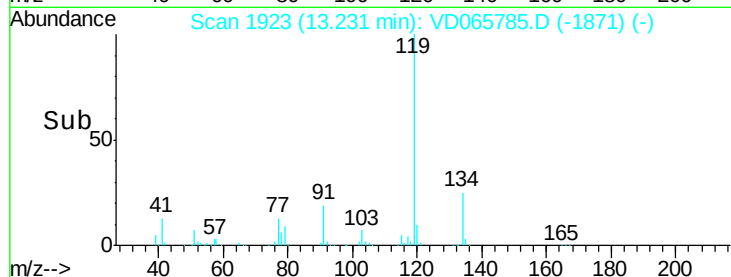
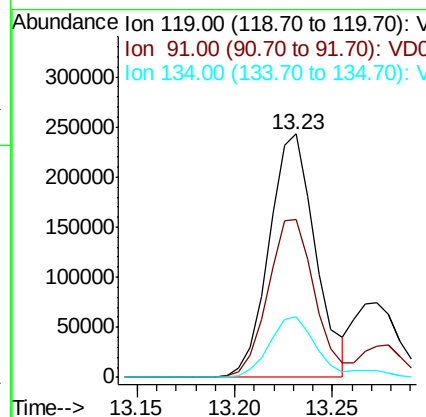
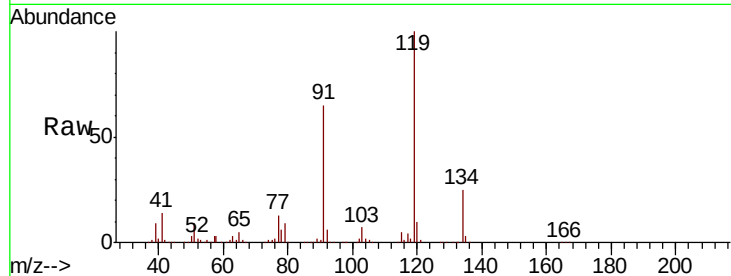




#83
 tert-Butylbenzene
 Concen: 52.317 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

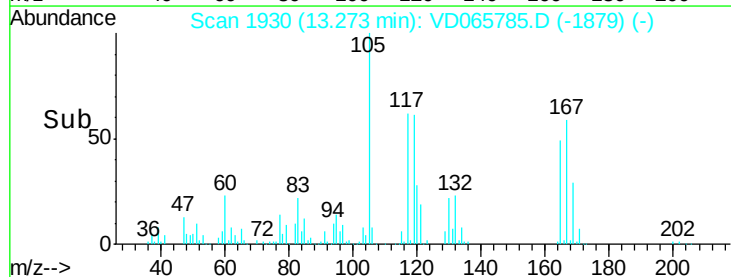
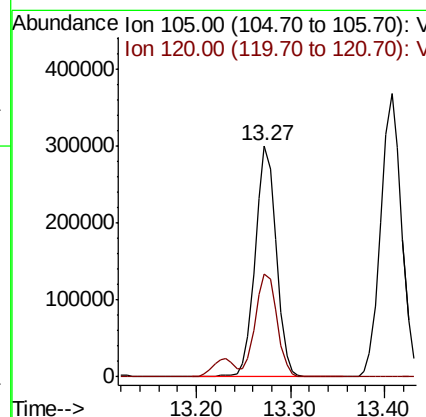
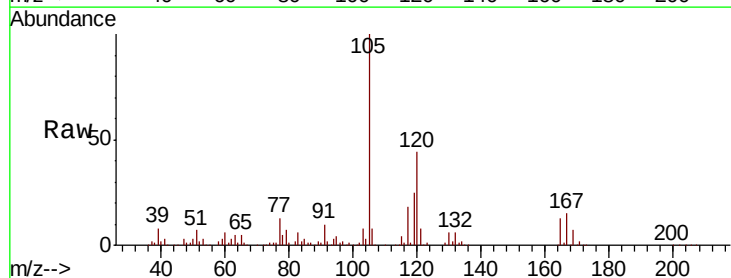
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

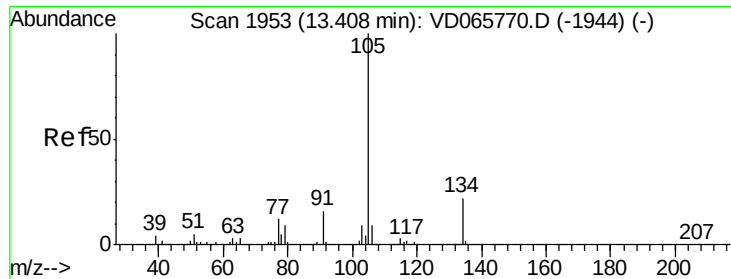
Tot Ion:119 Resp: 399627
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.0 96.0
 134 26.9 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.996 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion:105 Resp: 466974
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 53.177 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

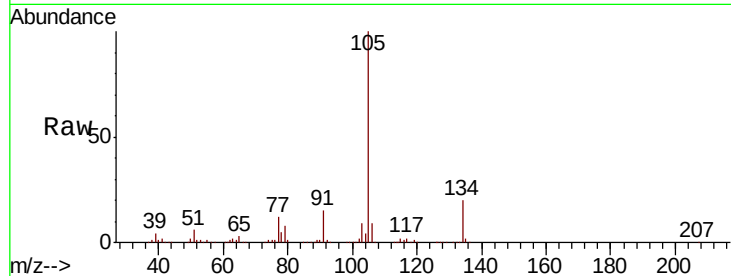
VSTDCCC050EC

Tot Ion:105 Resp: 565293

Ion Ratio Lower Upper

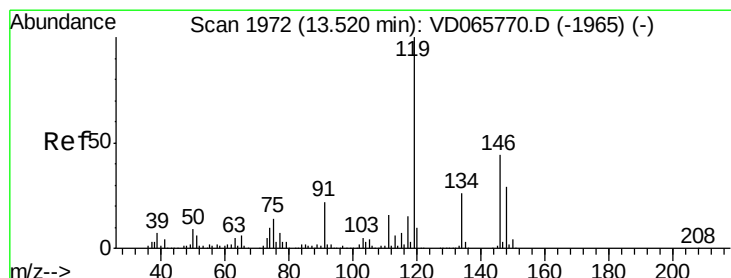
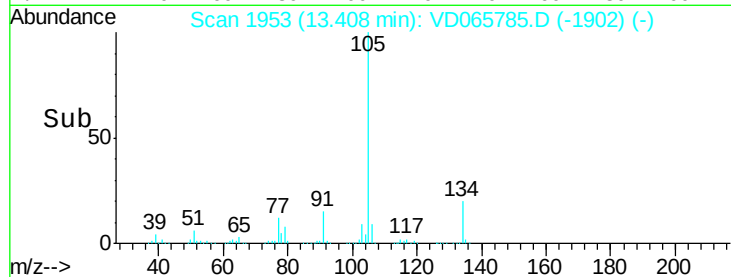
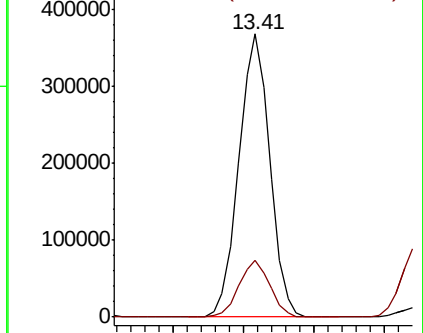
105 100

134 20.0 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: 53.207 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

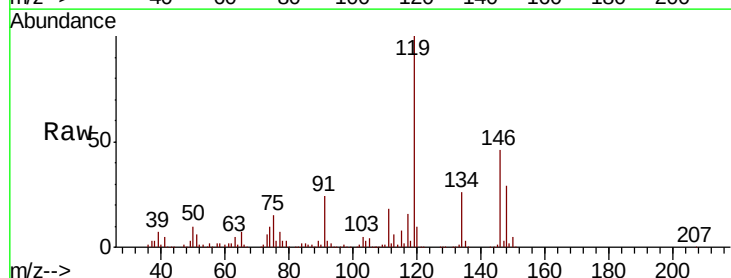
Tgt Ion:119 Resp: 518420

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

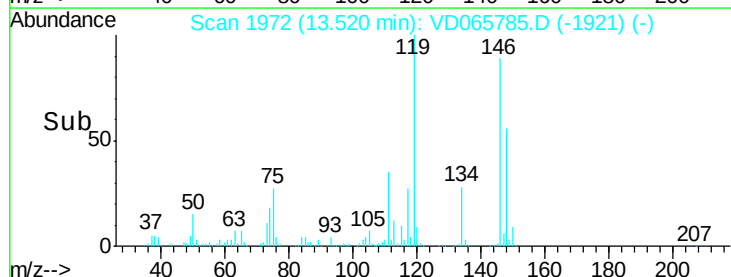
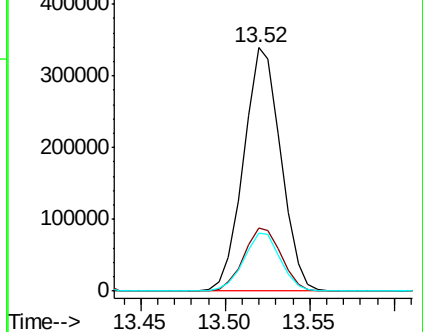
91 23.7 11.8 35.4

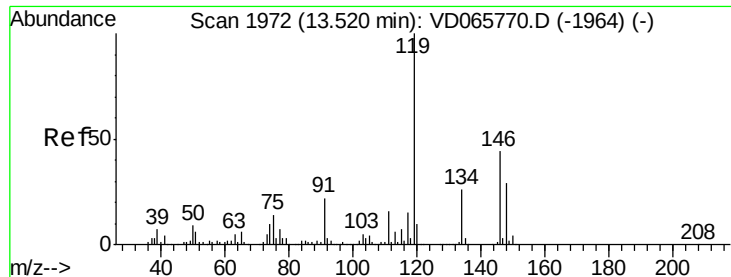


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.725 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

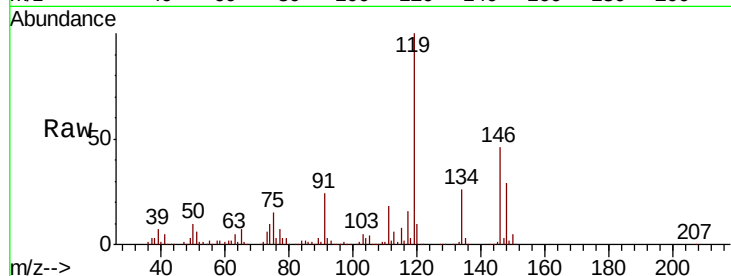
Tot Ion:146 Resp: 255272

Ion Ratio Lower Upper

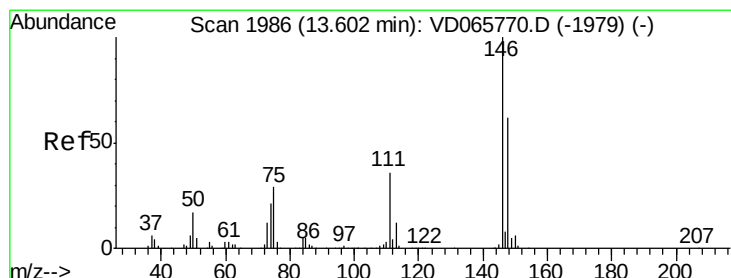
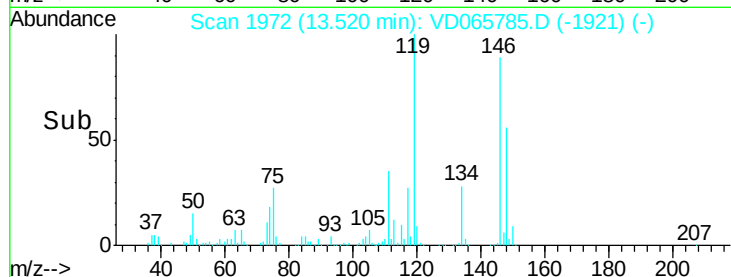
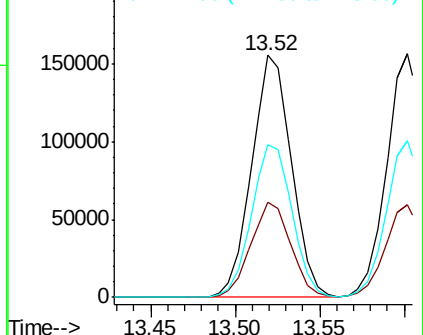
146 100

111 39.4 19.2 57.6

148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.417 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065785.D

Acq: 08 Jun 2020 17:20

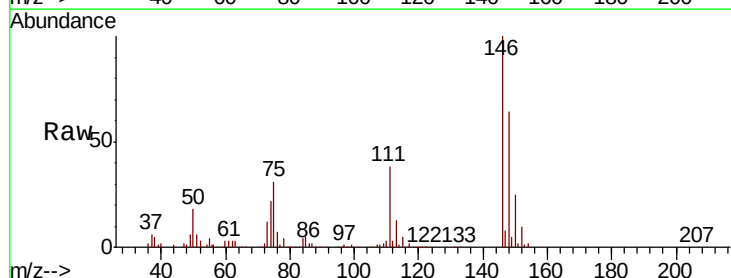
Tgt Ion:146 Resp: 252419

Ion Ratio Lower Upper

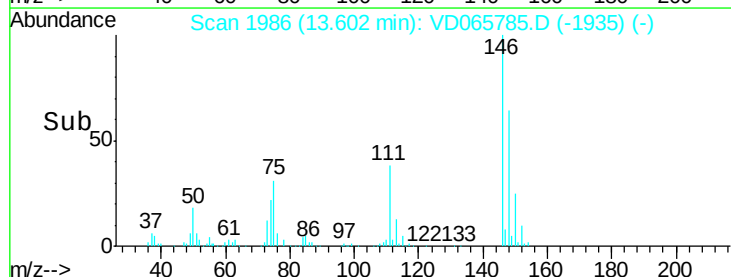
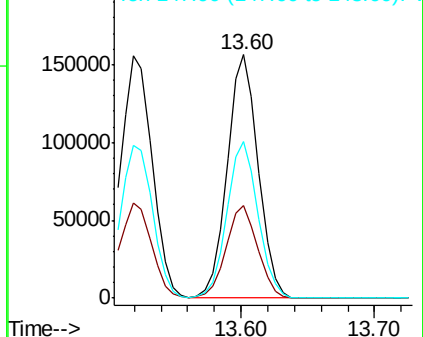
146 100

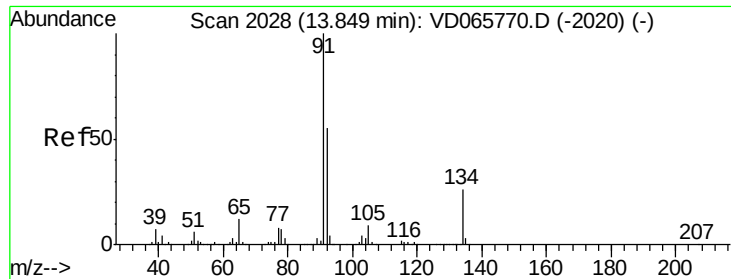
111 38.7 18.9 56.7

148 64.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

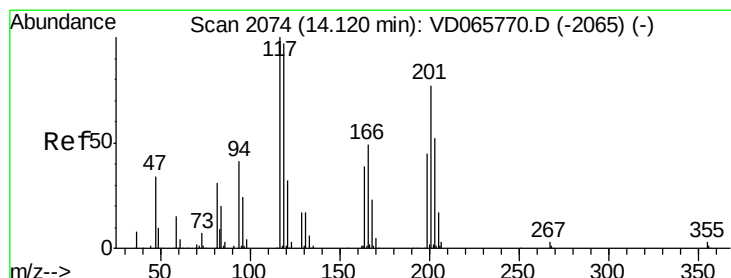
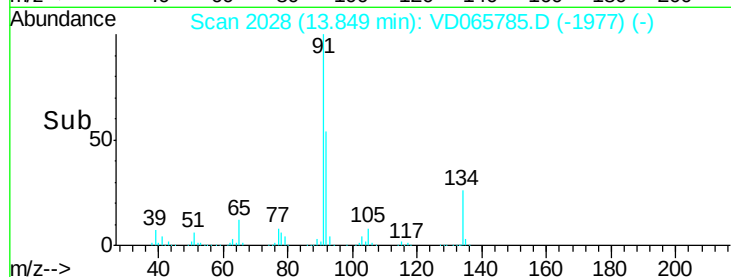
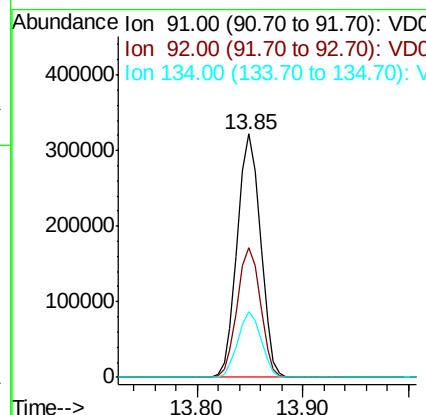
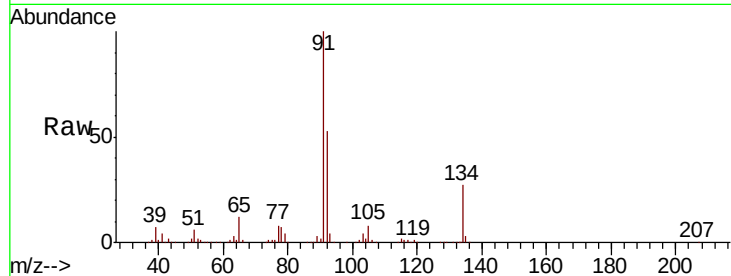




#89
n-Butylbenzene
Concen: 52.665 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

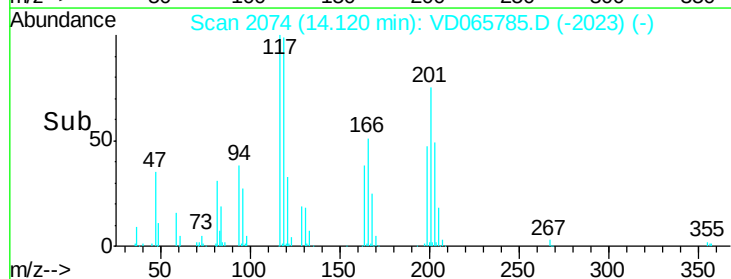
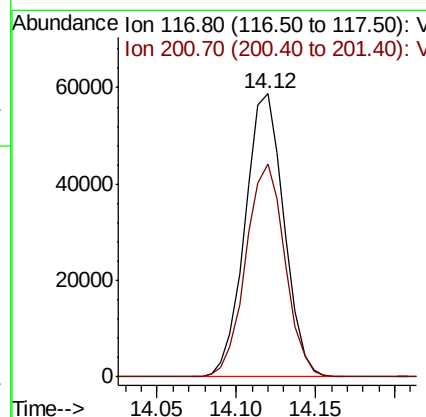
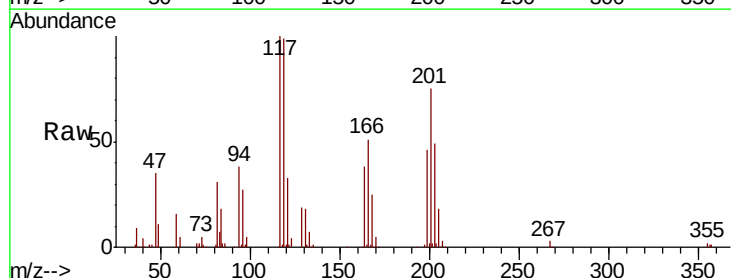
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

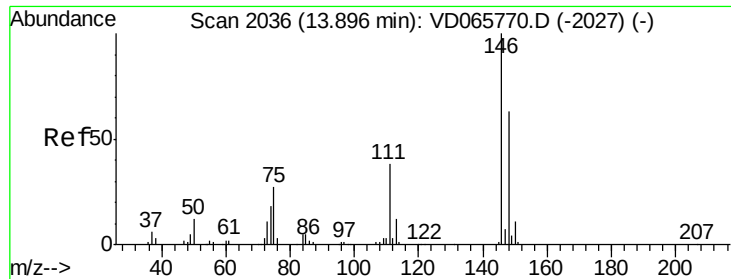
Tot Ion: 91 Resp: 489396
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 26.8 13.0 39.0



#90
Hexachloroethane
Concen: 51.472 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion: 117 Resp: 100384
Ion Ratio Lower Upper
117 100
201 75.4 37.1 111.5

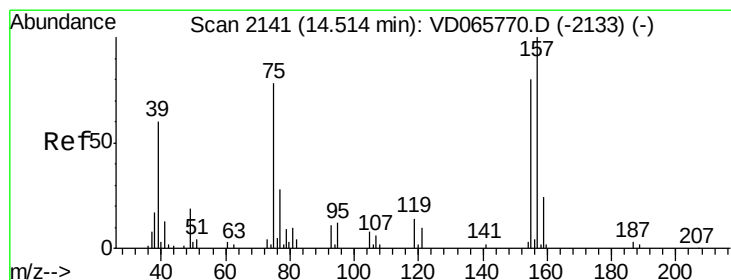
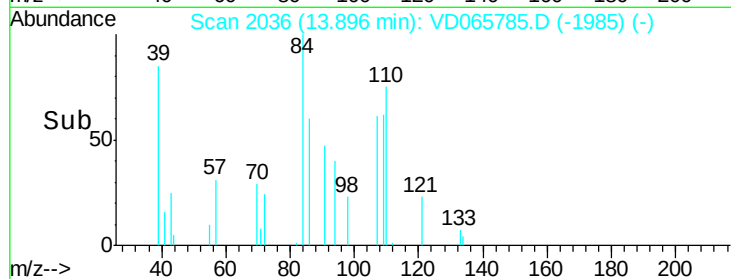
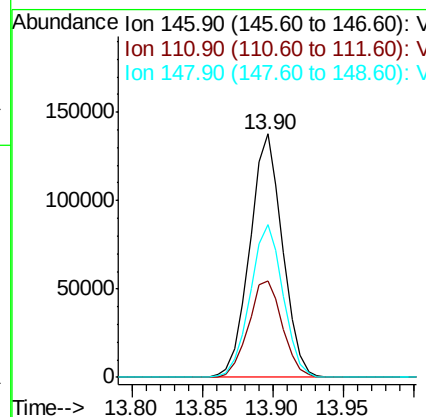
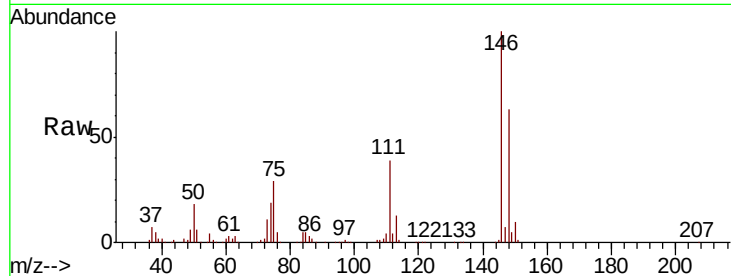




#91
 1,2-Dichlorobenzene
 Concen: 52.642 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

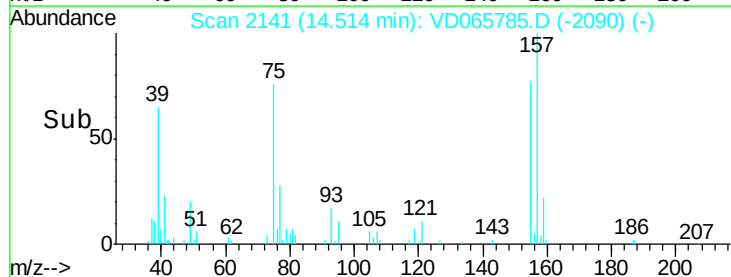
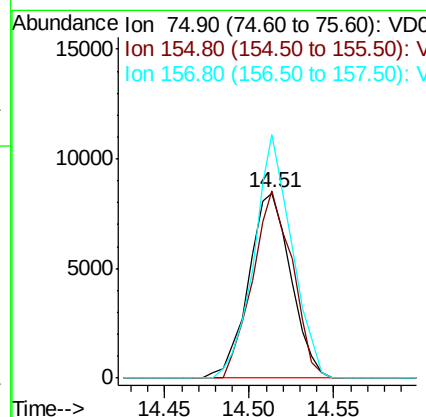
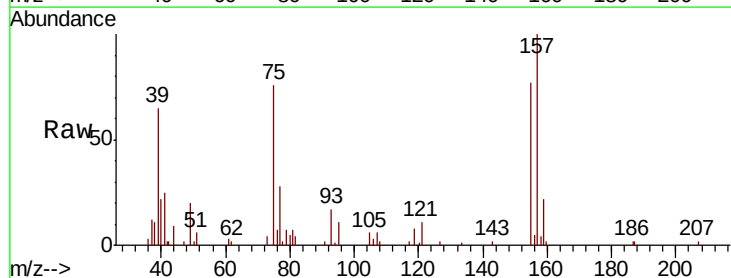
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

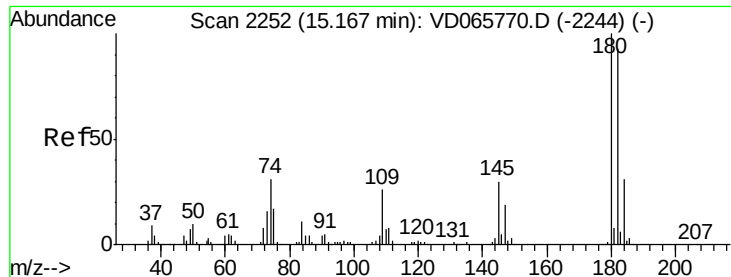
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.4
148	63.2	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.396 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	46.3	138.9
157	117.4	58.1	174.3

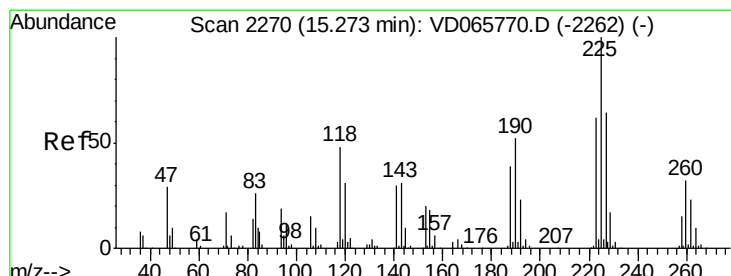
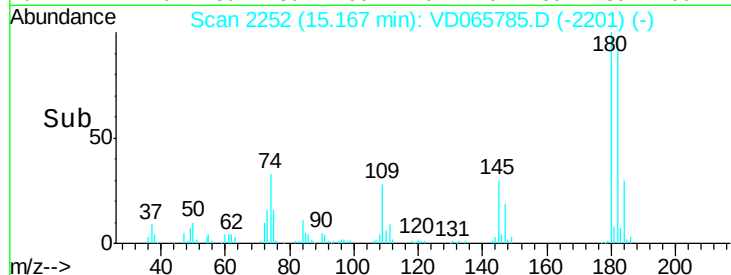
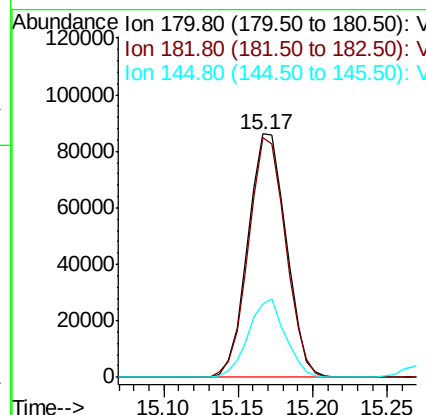
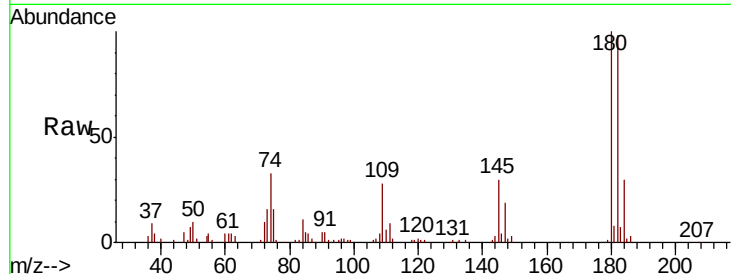




#93
 1,2,4-Trichlorobenzene
 Concen: 52.863 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

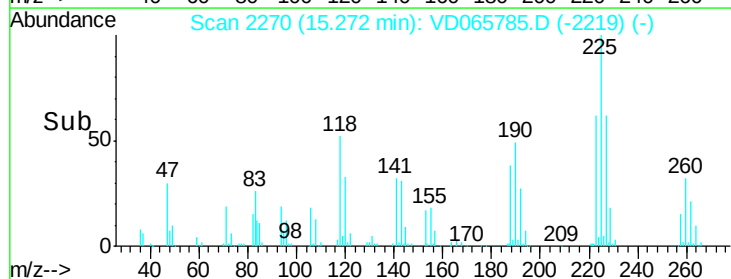
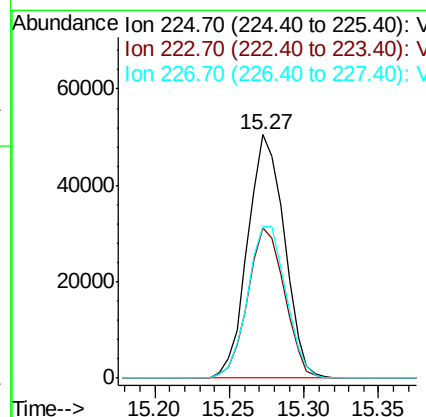
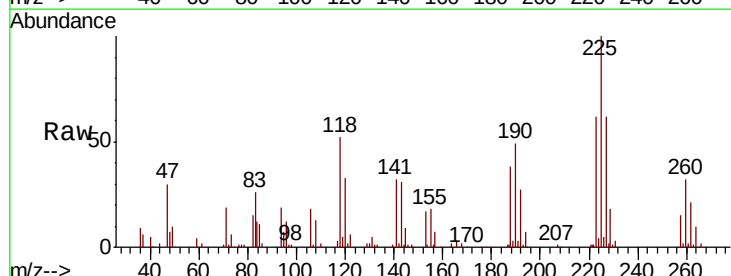
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

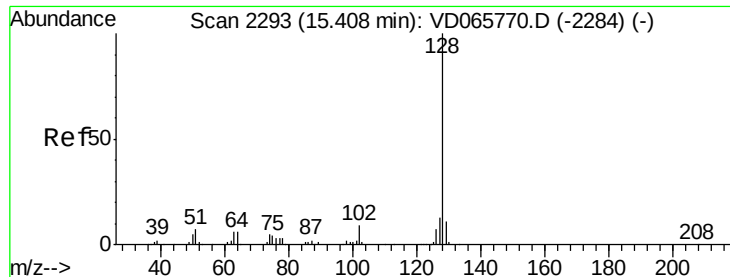
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	31.1	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 49.260 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065785.D
 Acq: 08 Jun 2020 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.9	92.7
227	64.9	31.9	95.7

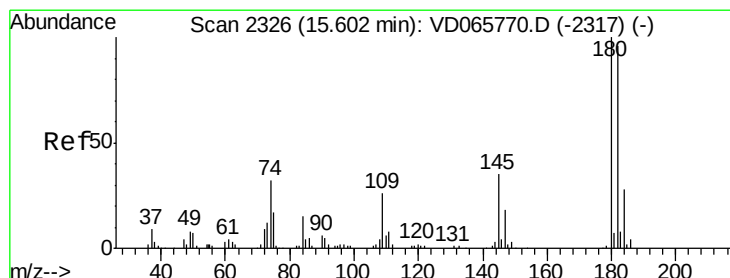
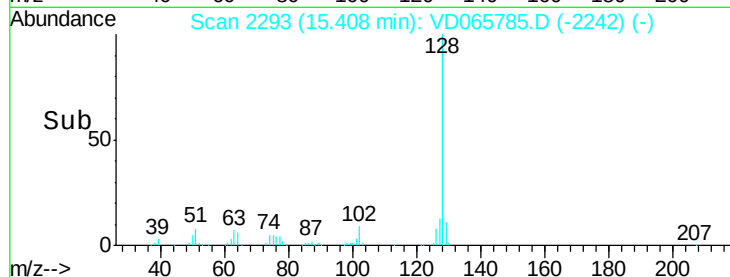
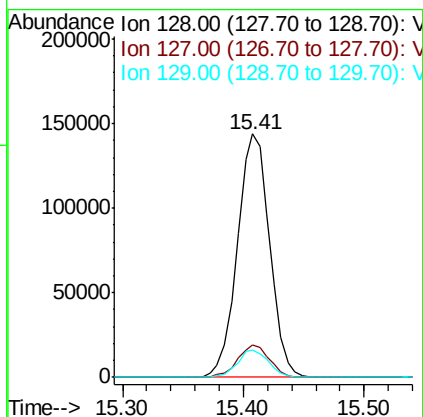
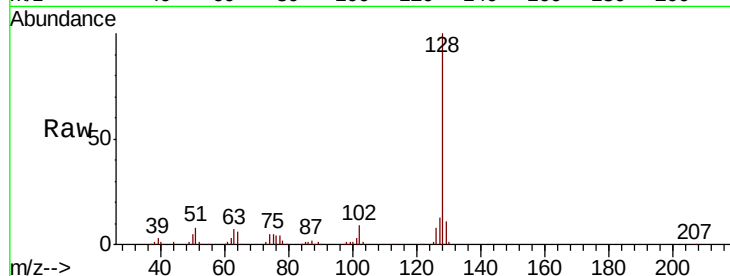




#95
Naphthalene
Concen: 54.545 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 266819
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.052 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065785.D
Acq: 08 Jun 2020 17:20

Tgt Ion:180 Resp: 131953
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.2
145 32.4 16.2 48.6

