

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067165.D
 Acq On : 07 Oct 2020 21:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 07:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	556121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	524959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259540	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	181867	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	7.92	113	200406	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	
50) Toluene-d8	10.34	98	710443	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.64	95	255040	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	164617	57.185	ug/l	94
3) Chloromethane	2.21	50	128190	44.454	ug/l	96
4) Vinyl Chloride	2.35	62	133537	46.183	ug/l	94
5) Bromomethane	2.77	94	106183	57.634	ug/l	96
6) Chloroethane	2.92	64	85082	48.318	ug/l	94
7) Trichlorofluoromethane	3.27	101	305923	47.621	ug/l	99
8) Diethyl Ether	3.71	74	79609	49.973	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	171897	47.342	ug/l	97
10) Methyl Iodide	4.30	142	197681	56.031	ug/l	97
11) Tert butyl alcohol	5.21	59	47776	229.813	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	157939	46.271	ug/l	97
13) Acrolein	3.92	56	60424	258.736	ug/l	97
14) Allyl chloride	4.71	41	205701	46.389	ug/l	94
15) Acrylonitrile	5.42	53	137318	234.208	ug/l	99
16) Acetone	4.16	43	116020	217.919	ug/l	99
17) Carbon Disulfide	4.41	76	481299	45.945	ug/l	98
18) Methyl Acetate	4.72	43	66776	49.903	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	332737	53.399	ug/l	95
20) Methylene Chloride	4.96	84	199501	53.283	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	194263	50.009	ug/l	95
22) Diisopropyl ether	6.36	45	396713	49.004	ug/l	94
23) Vinyl Acetate	6.31	43	1112322	242.474	ug/l	98
24) 1,1-Dichloroethane	6.26	63	308573	49.390	ug/l	98
25) 2-Butanone	7.21	43	171656	227.413	ug/l	91
26) 2,2-Dichloropropane	7.21	77	267941	50.168	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	218664	52.706	ug/l	95
28) Bromochloromethane	7.54	49	113309	46.962	ug/l	85
29) Tetrahydrofuran	7.56	42	97820	225.384	ug/l	94
30) Chloroform	7.71	83	352576	52.023	ug/l	99
31) Cyclohexane	7.98	56	220272	42.054	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	323993	51.583	ug/l	97
36) 1,1-Dichloropropene	8.11	75	253811	48.964	ug/l	98
37) Ethyl Acetate	7.29	43	78645	43.795	ug/l	98
38) Carbon Tetrachloride	8.10	117	299269	53.359	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	267393	48.791	ug/l	95
40) Benzene	8.35	78	731596	50.813	ug/l	94
41) Methacrylonitrile	7.53	41	45441	46.839	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	209392	52.046	ug/l	99
43) Isopropyl Acetate	8.45	43	156649	47.352	ug/l	95
44) Trichloroethene	9.11	130	231407	53.824	ug/l	93
45) 1,2-Dichloropropane	9.38	63	172443	50.974	ug/l	96
46) Dibromomethane	9.47	93	102937	52.941	ug/l	96
47) Bromodichloromethane	9.66	83	271921	53.800	ug/l	99
48) Methyl methacrylate	9.46	41	75930	44.801	ug/l #	79
49) 1,4-Dioxane	9.47	88	20688	1019.469	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	399163	242.240	ug/l	99
52) Toluene	10.40	92	497126	53.600	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	244300	54.083	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	289615	52.505	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	139442	51.583	ug/l	95
56) Ethyl methacrylate	10.66	69	155848	55.841	ug/l	98
57) 1,3-Dichloropropane	10.95	76	231101	52.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	412892	265.800	ug/l	96
59) 2-Hexanone	10.98	43	267912	243.598	ug/l	93
60) Dibromochloromethane	11.14	129	201183	55.838	ug/l	98
61) 1,2-Dibromoethane	11.24	107	139189	53.595	ug/l	98
64) Tetrachloroethene	10.87	164	197835	51.837	ug/l	94
65) Chlorobenzene	11.67	112	540404	51.759	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	213944	53.870	ug/l	98
67) Ethyl Benzene	11.74	91	951079	53.165	ug/l	98
68) m/p-Xylenes	11.86	106	734418	105.343	ug/l	99
69) o-Xylene	12.18	106	336880	54.035	ug/l	94
70) Styrene	12.20	104	588323	54.955	ug/l	99
71) Bromoform	12.36	173	110022	53.369	ug/l #	99
73) Isopropylbenzene	12.48	105	932433	52.910	ug/l	99
74) N-amyl acetate	12.29	43	146218	46.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	140803	47.420	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	184102	81.437	ug/l #	100
77) Bromobenzene	12.76	156	225627	53.022	ug/l	93
78) n-propylbenzene	12.83	91	1069776	51.364	ug/l	99
79) 2-Chlorotoluene	12.91	91	614966	51.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	798983	53.661	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	44849	49.460	ug/l	96
82) 4-Chlorotoluene	13.01	91	655366	51.692	ug/l	100
83) tert-Butylbenzene	13.23	119	686838	54.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	792340	53.323	ug/l	99
85) sec-Butylbenzene	13.41	105	919524	52.076	ug/l	98
86) p-Isopropyltoluene	13.52	119	849644	51.902	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	422956	51.028	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	428726	51.730	ug/l	98
89) n-Butylbenzene	13.85	91	763114	51.007	ug/l	100
90) Hexachloroethane	14.12	117	146449	51.072	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	373211	51.557	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22910	47.865	ug/l	94

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QLast Update : Thu Oct 01 15:19:17 2020
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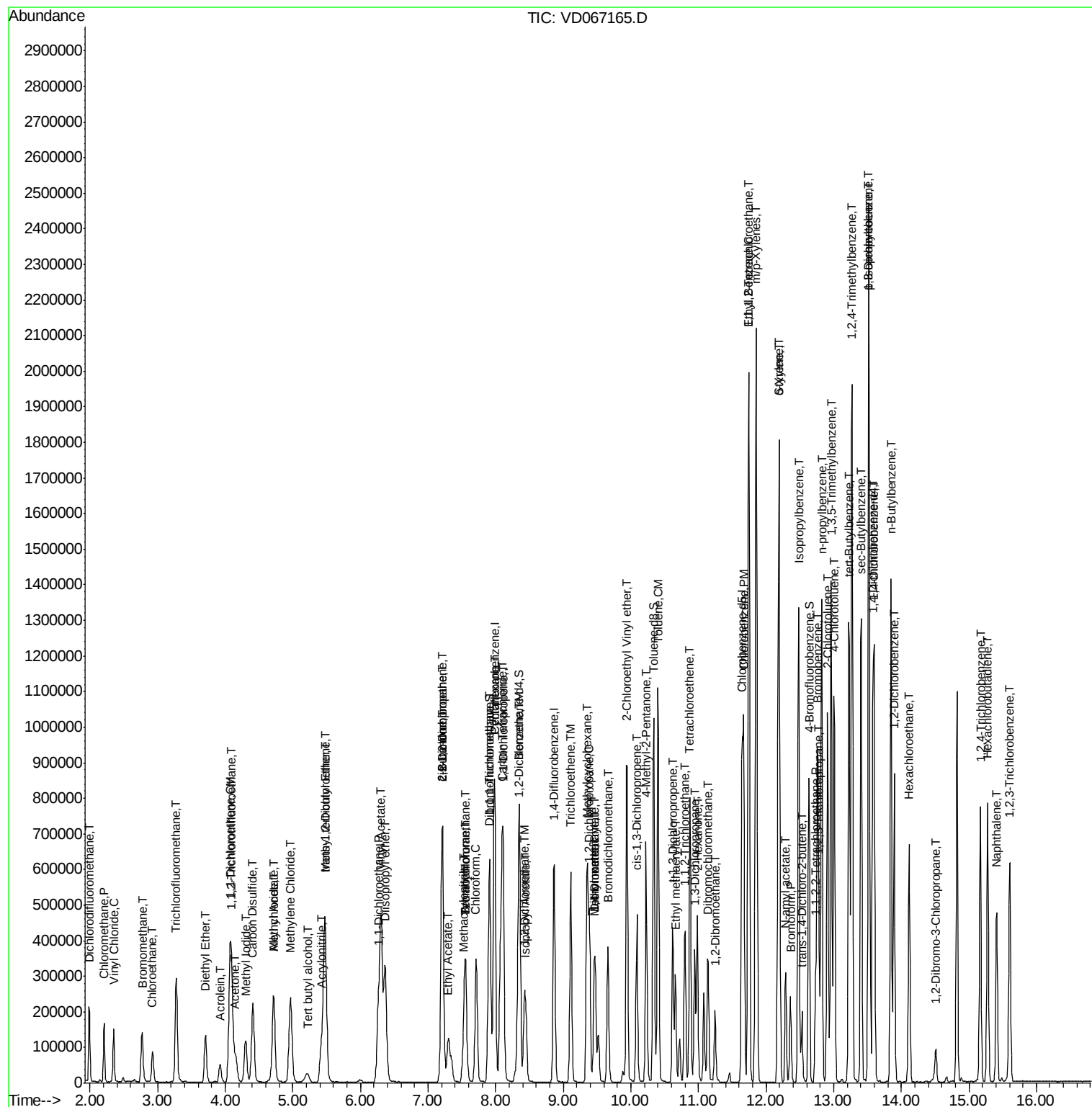
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	252818	53.995	ug/l	98
94) Hexachlorobutadiene	15.28	225	150951	52.494	ug/l	99
95) Naphthalene	15.41	128	433852	55.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	222581	54.760	ug/l	96

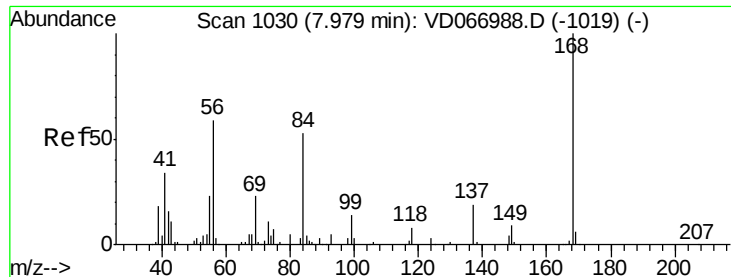
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

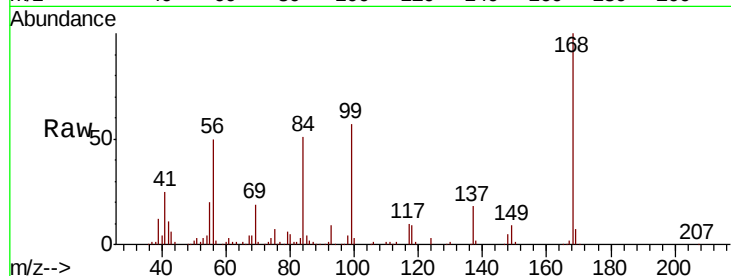
VSTDCCC050

Tot Ion:168 Resp: 362097

Ion Ratio Lower Upper

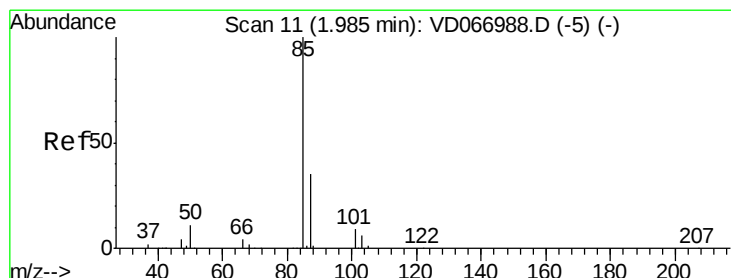
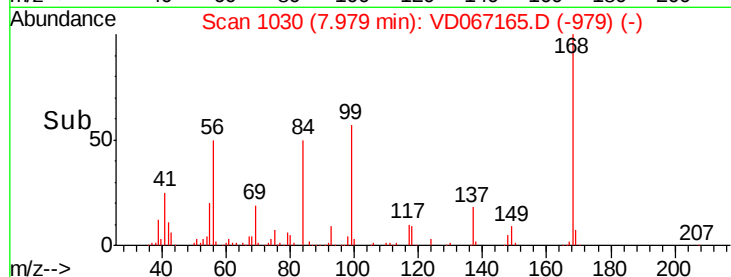
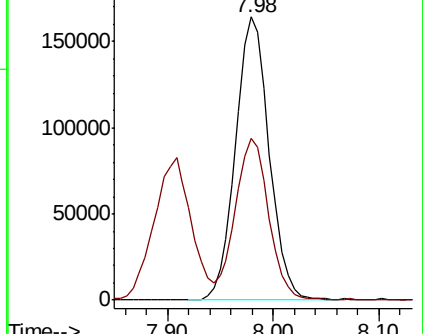
168 100

99 56.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 57.185 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067165.D

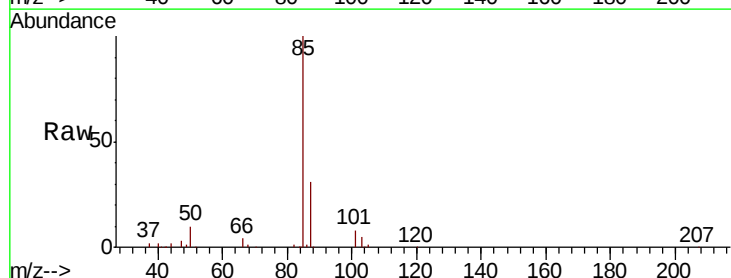
Acq: 07 Oct 2020 21:57

Tgt Ion: 85 Resp: 164617

Ion Ratio Lower Upper

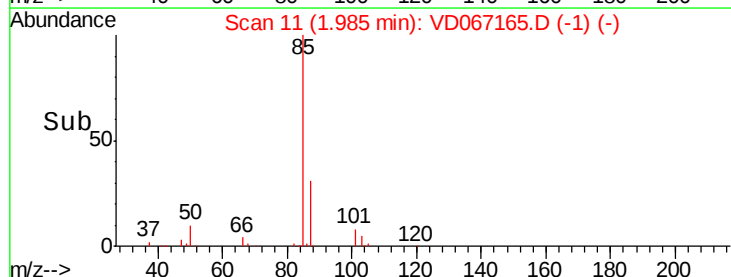
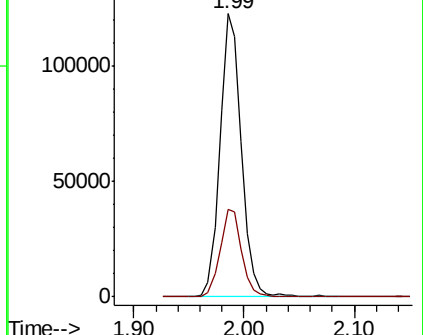
85 100

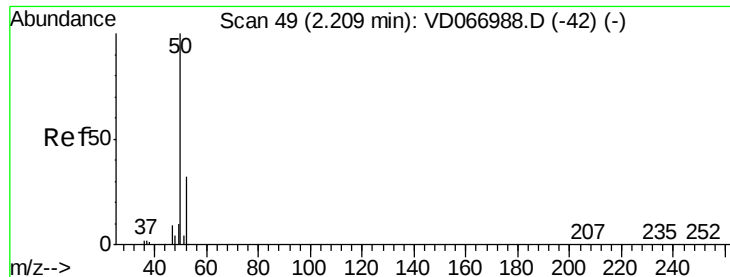
87 31.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.454 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

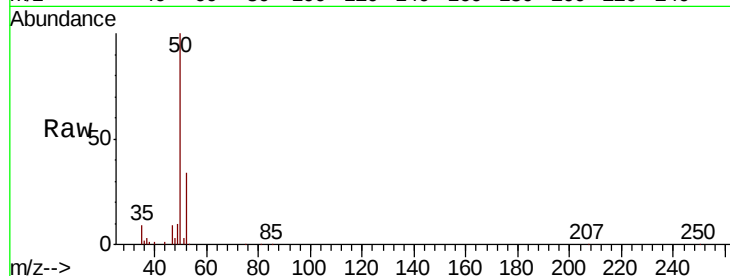
VSTDCCC050

Tot Ion: 50 Resp: 128190

Ion Ratio Lower Upper

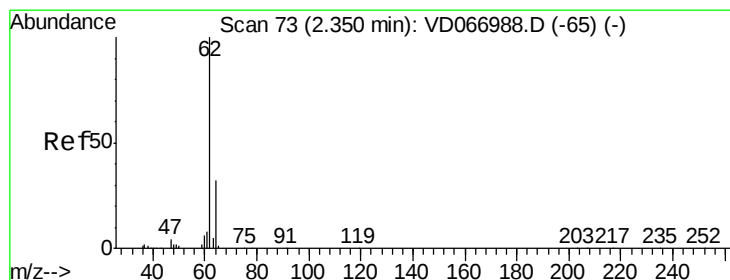
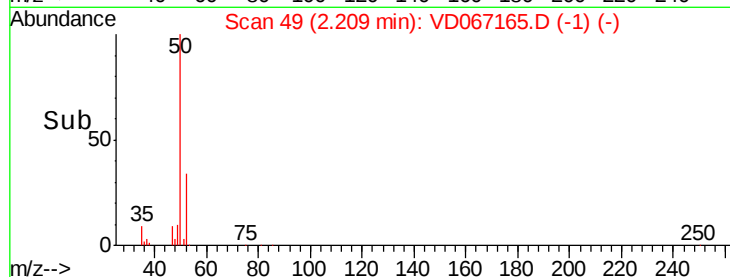
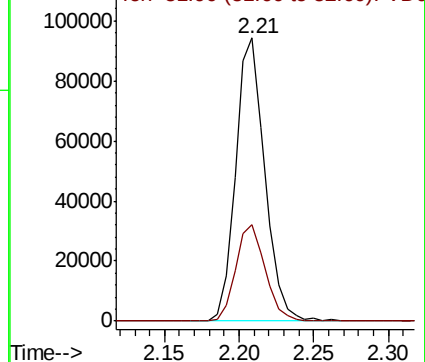
50 100

52 33.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.183 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067165.D

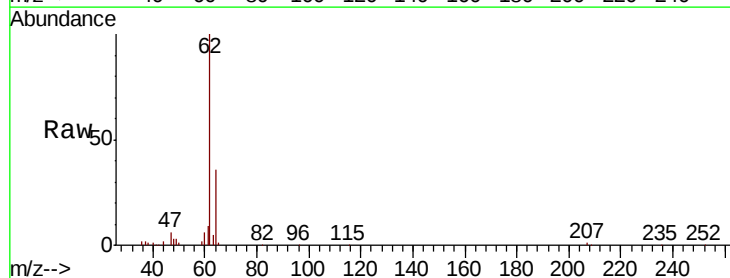
Acq: 07 Oct 2020 21:57

Tgt Ion: 62 Resp: 133537

Ion Ratio Lower Upper

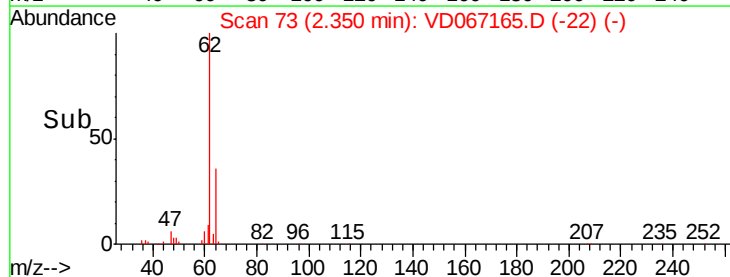
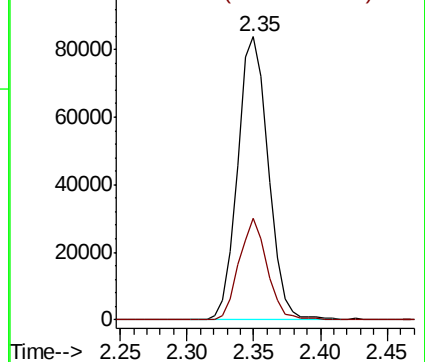
62 100

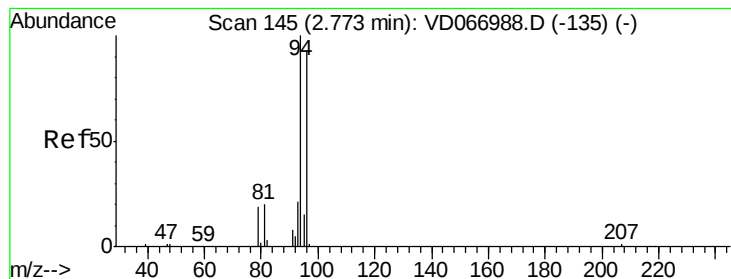
64 35.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 57.634 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

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ClientSampleId :

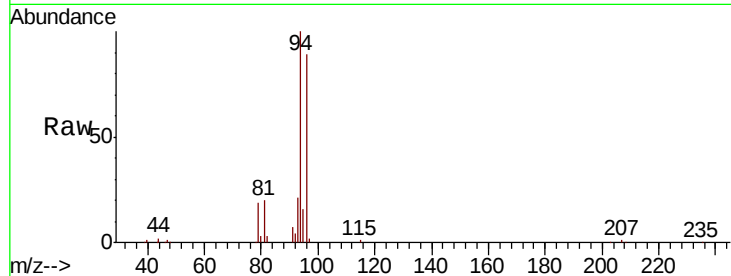
VSTDCCC050

Tot Ion: 94 Resp: 106183

Ion Ratio Lower Upper

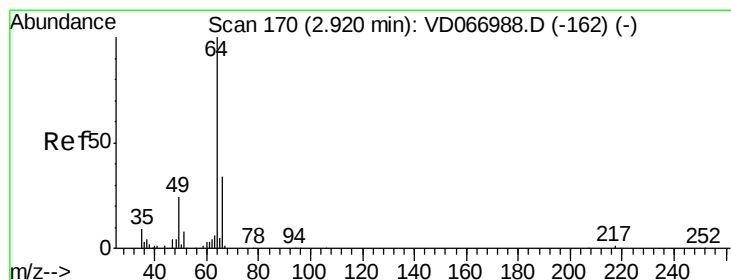
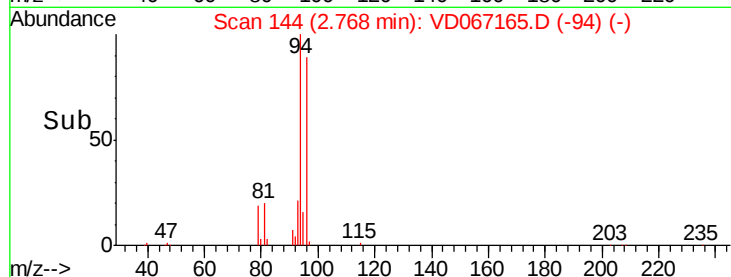
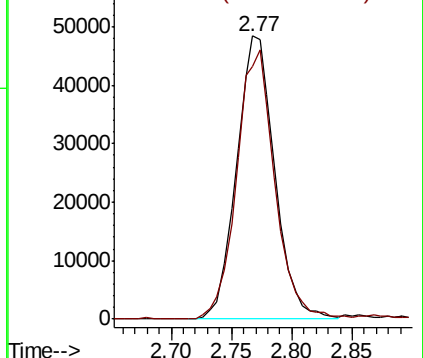
94 100

96 89.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.318 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067165.D

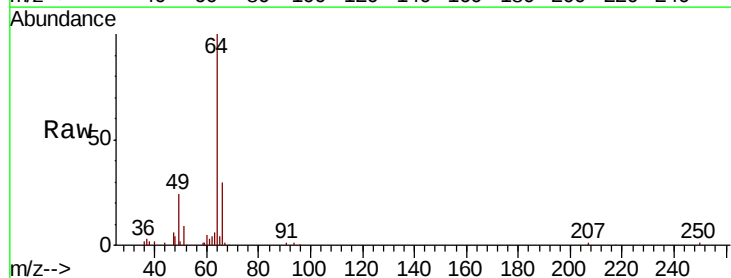
Acq: 07 Oct 2020 21:57

Tgt Ion: 64 Resp: 85082

Ion Ratio Lower Upper

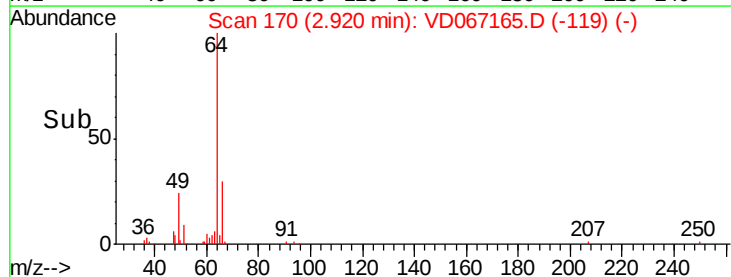
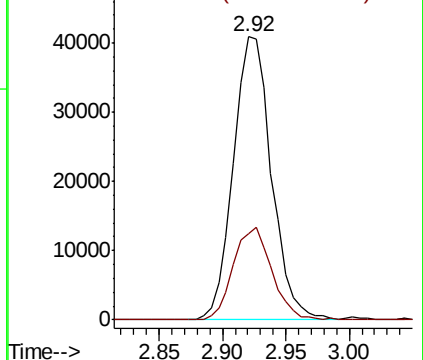
64 100

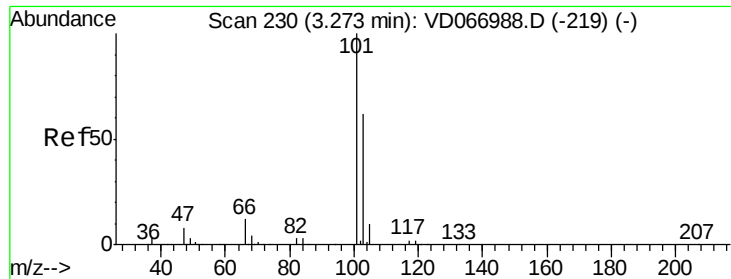
66 30.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



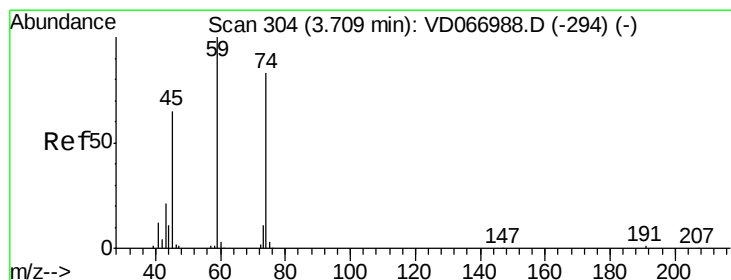
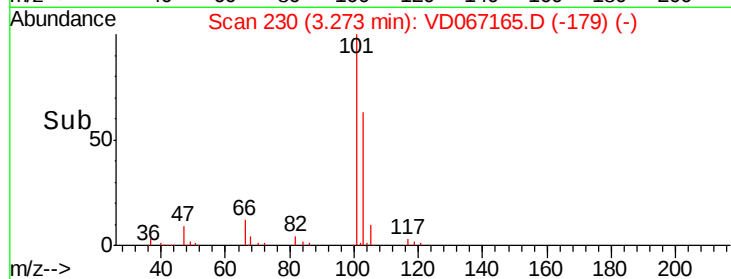
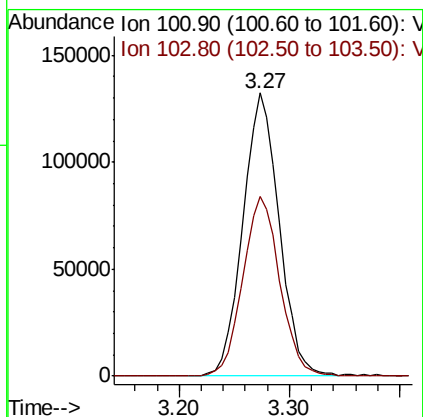
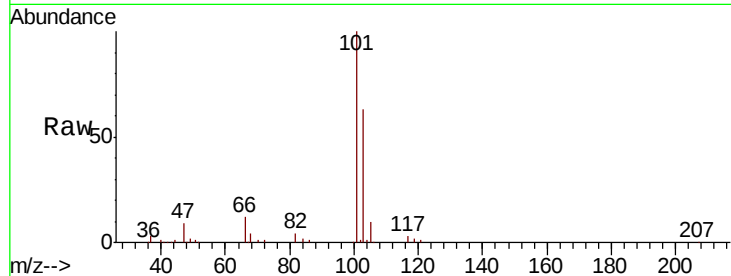


#7

Trichlorofluoromethane
 Concen: 47.621 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067165.D
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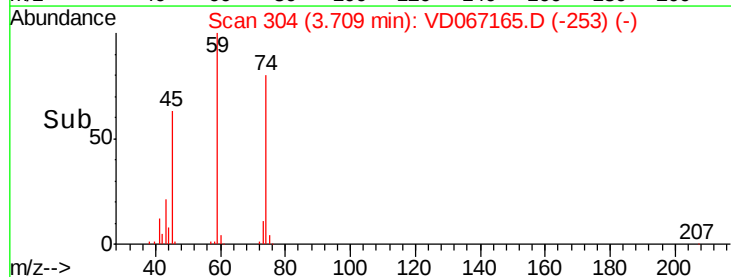
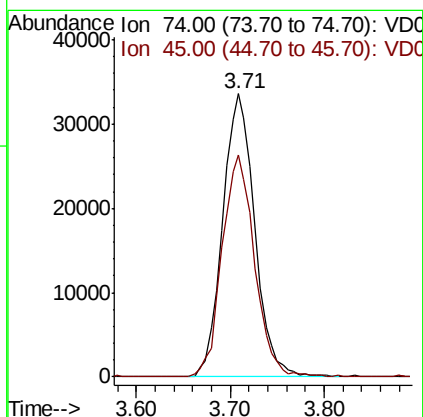
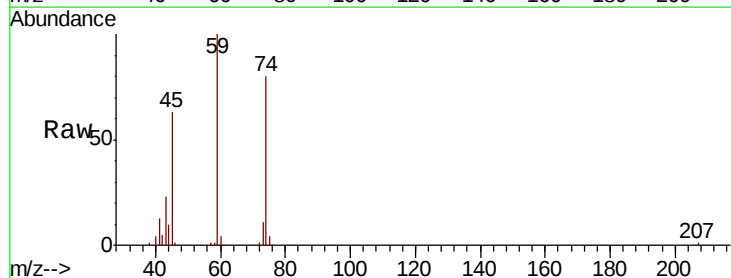
Tot Ion:101 Resp: 305923
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.8 74.8

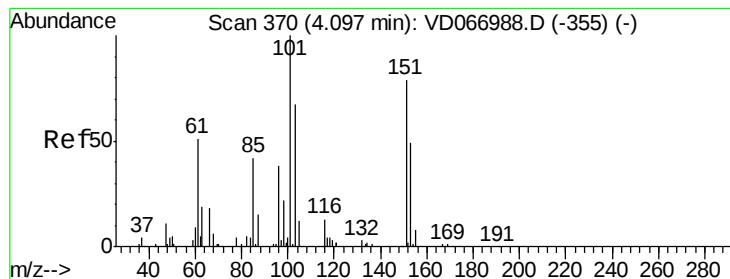


#8

Diethyl Ether
 Concen: 49.973 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion: 74 Resp: 79609
 Ion Ratio Lower Upper
 74 100
 45 79.6 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.342 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067165.D

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VSTDCCC050

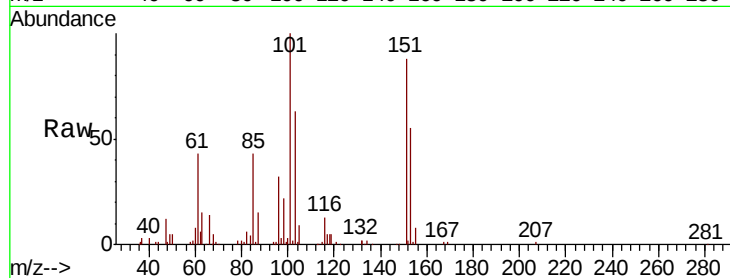
Tot Ion:101 Resp: 171897

Ion Ratio Lower Upper

101 100

85 40.7 33.8 50.8

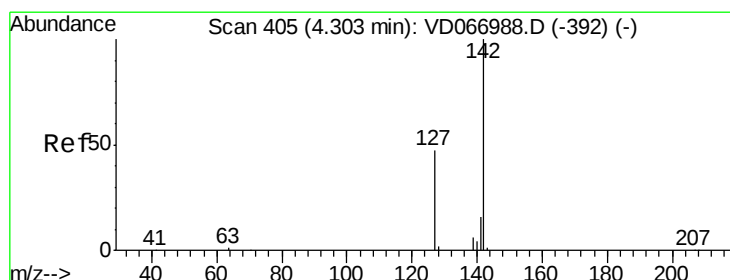
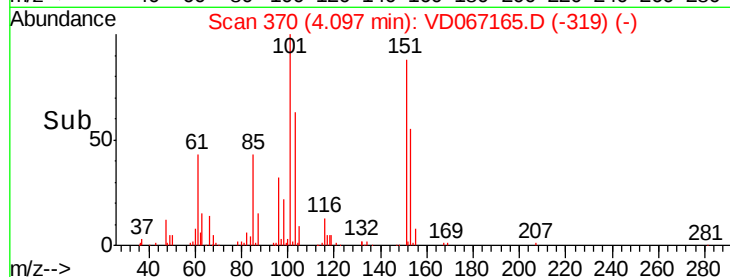
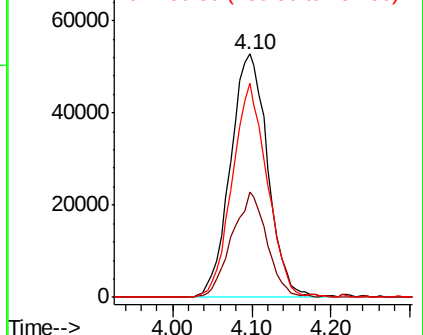
151 82.4 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.031 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

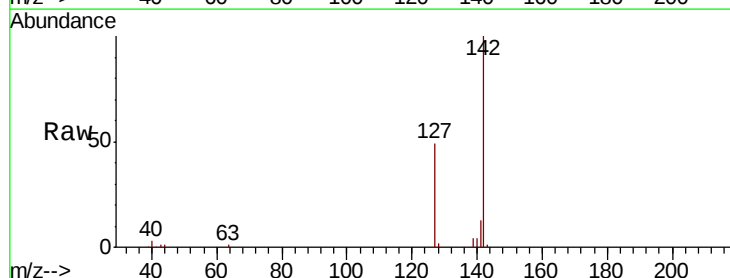
Tgt Ion:142 Resp: 197681

Ion Ratio Lower Upper

142 100

127 47.6 36.3 54.5

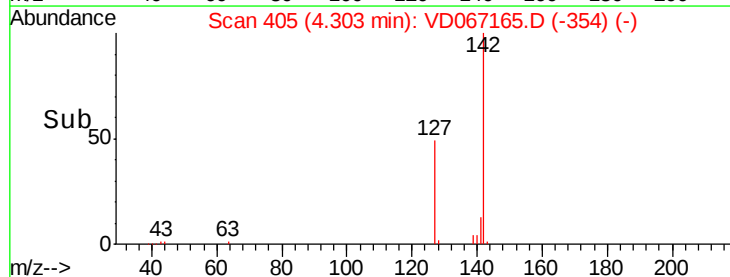
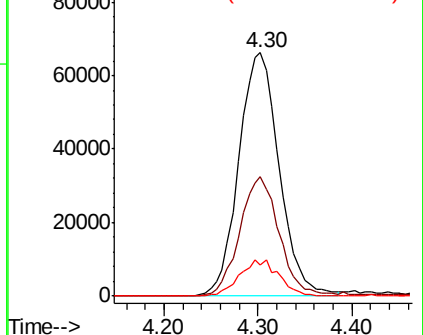
141 14.4 12.0 18.0

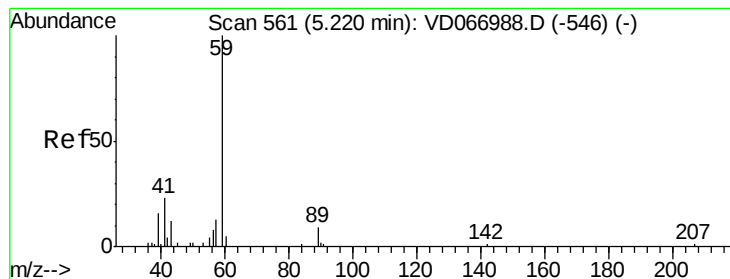


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 229.813 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

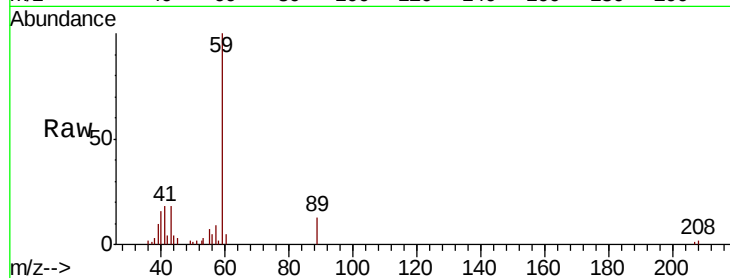
VSTDCCC050

Tot Ion: 59 Resp: 47776

Ion Ratio Lower Upper

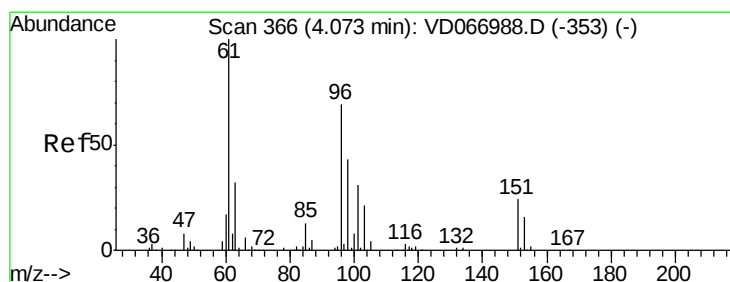
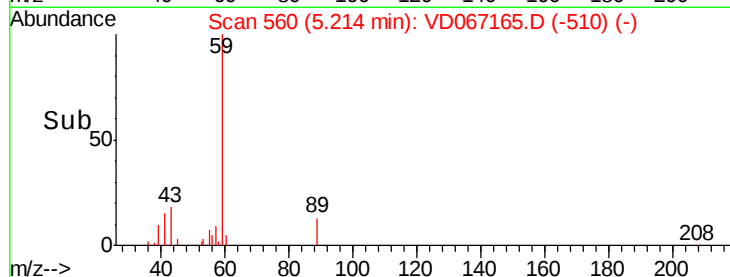
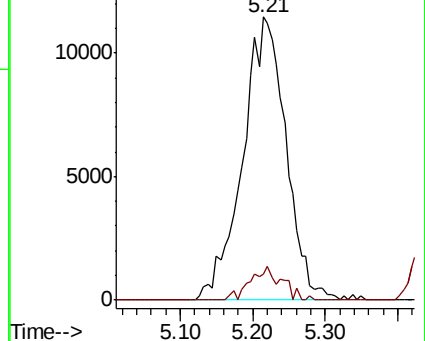
59 100

57 6.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.271 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

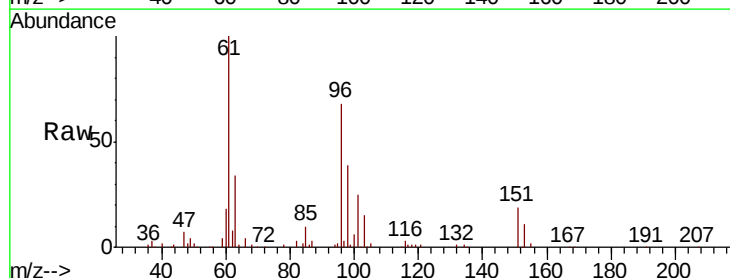
Tgt Ion: 96 Resp: 157939

Ion Ratio Lower Upper

96 100

61 147.2 116.4 174.6

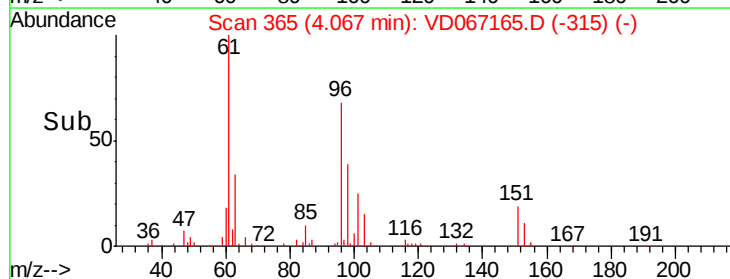
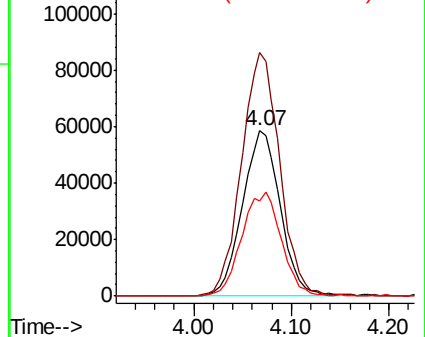
98 57.8 49.9 74.9

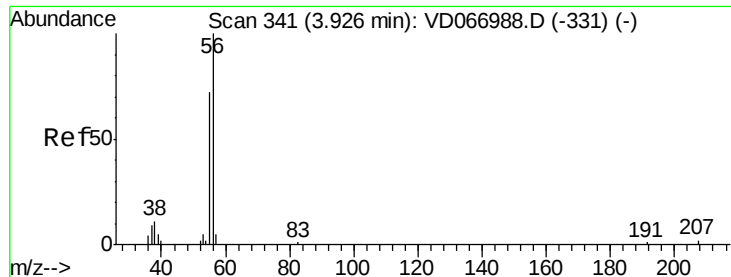


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 258.736 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

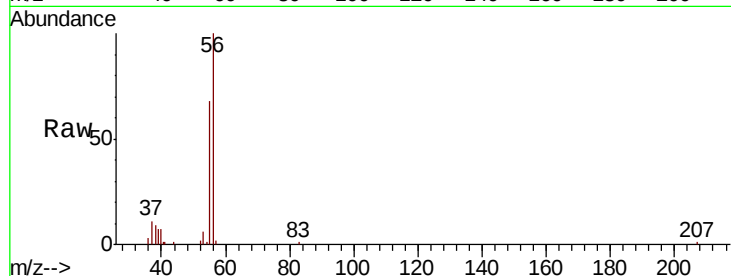
VSTDCCC050

Tot Ion: 56 Resp: 60424

Ion Ratio Lower Upper

56 100

55 68.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

25000

20000

15000

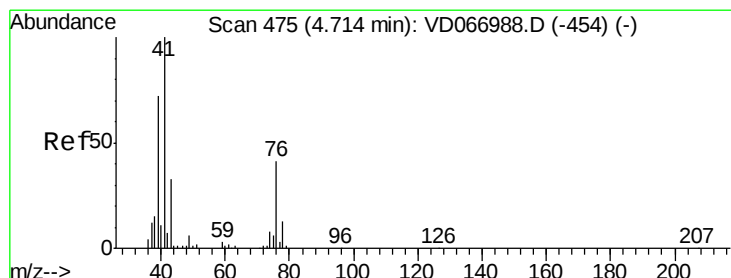
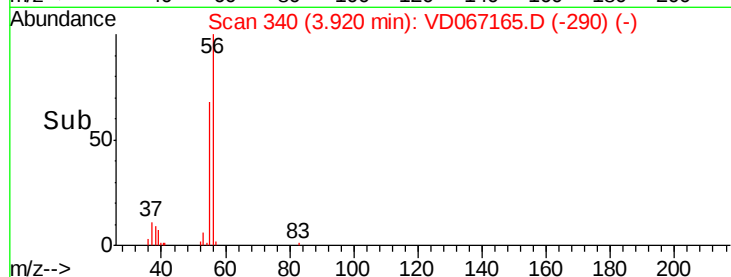
10000

5000

0

3.80 3.90 4.00

Time-->



#14

Allyl chloride

Concen: 46.389 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

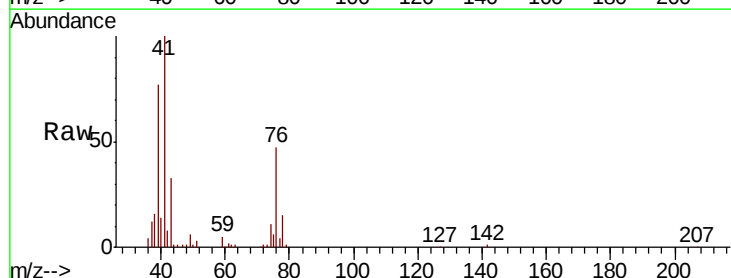
Tgt Ion: 41 Resp: 205701

Ion Ratio Lower Upper

41 100

39 75.9 56.2 84.2

76 46.4 34.2 51.2



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

80000

60000

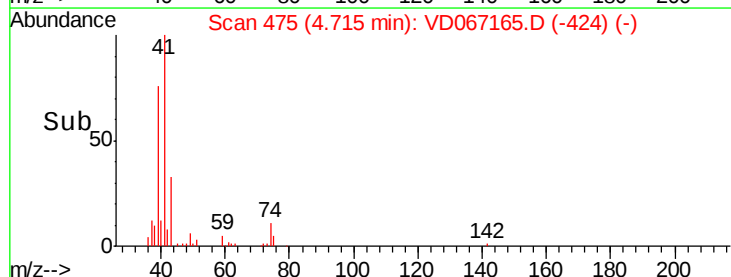
40000

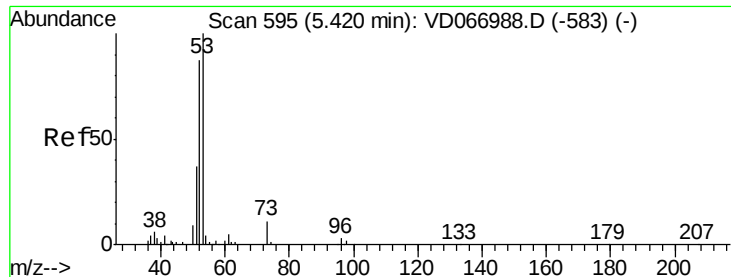
20000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 234.208 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

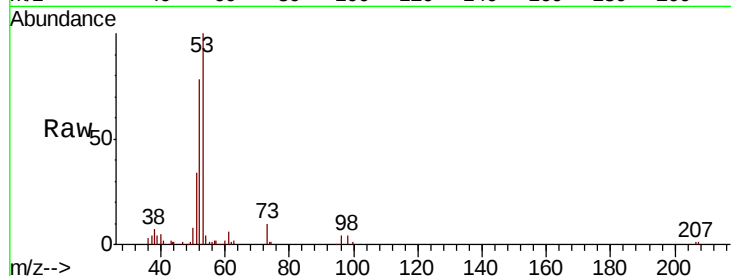
Tot Ion: 53 Resp: 137318

Ion Ratio Lower Upper

53 100

52 82.7 67.3 100.9

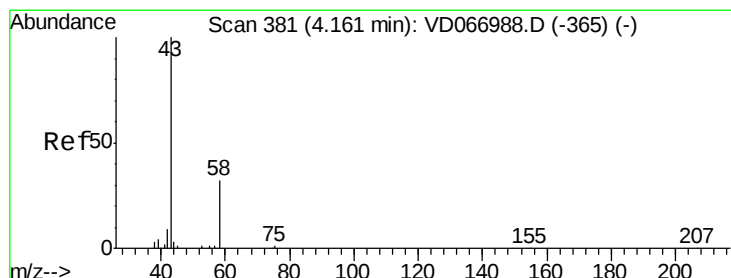
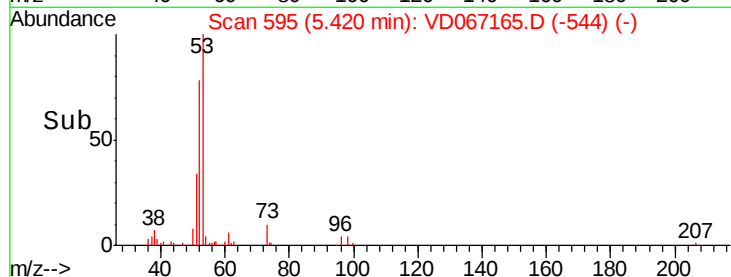
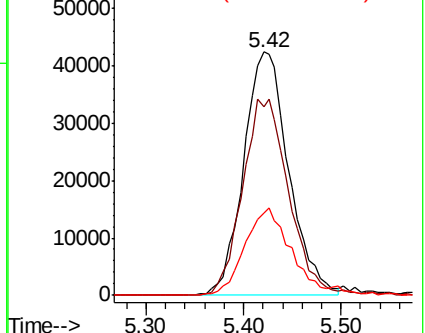
51 37.7 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 217.919 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067165.D

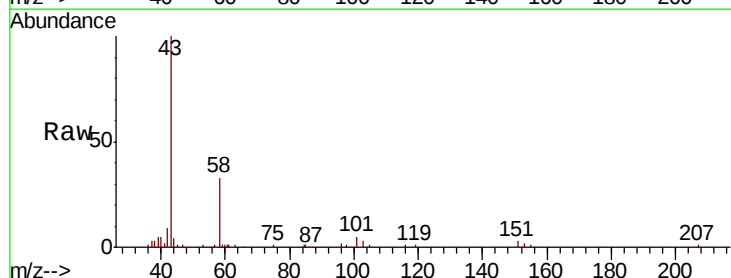
Acq: 07 Oct 2020 21:57

Tgt Ion: 43 Resp: 116020

Ion Ratio Lower Upper

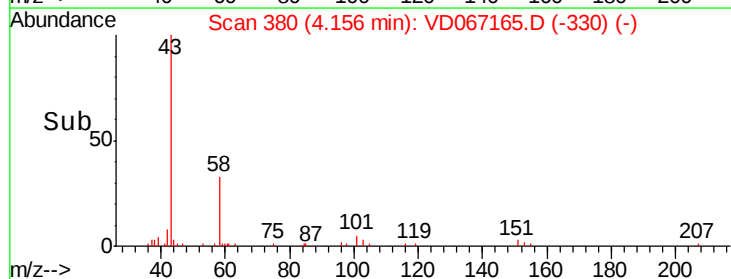
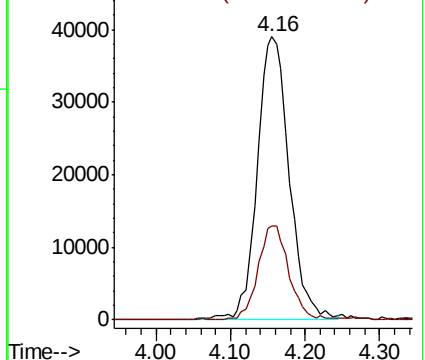
43 100

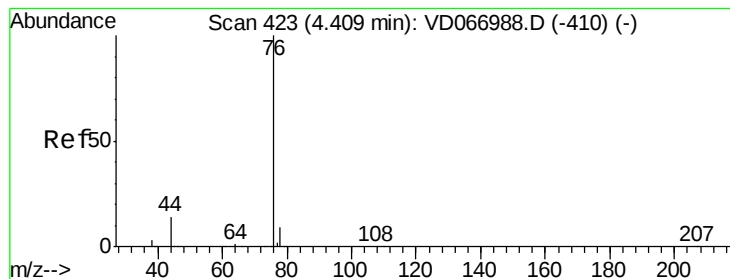
58 33.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 45.945 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

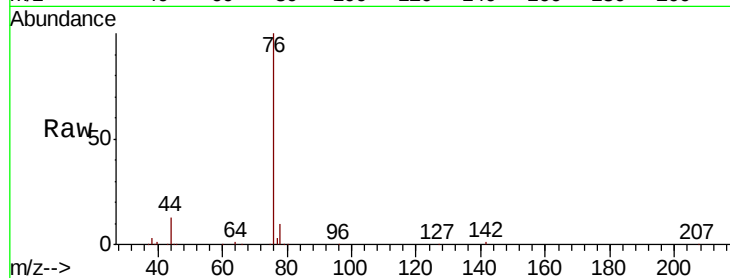
VSTDCCC050

Tot Ion: 76 Resp: 481299

Ion Ratio Lower Upper

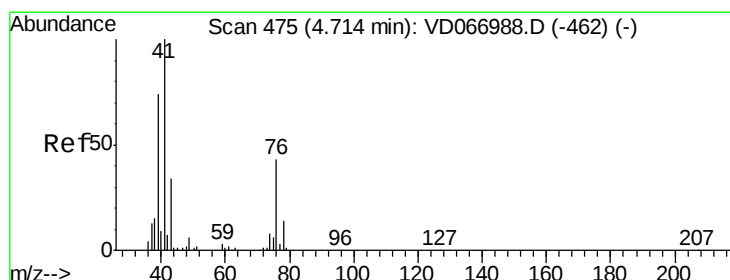
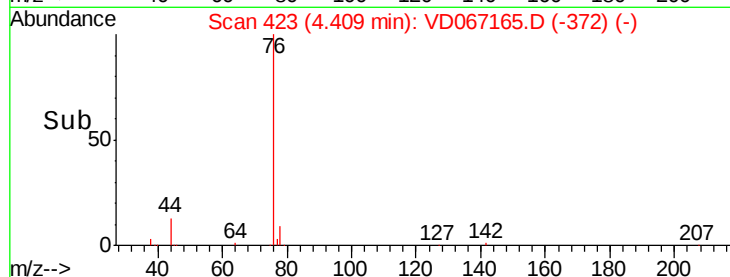
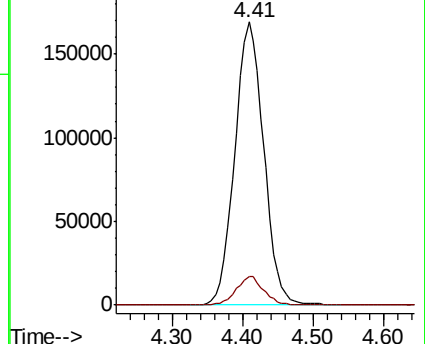
76 100

78 10.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 49.903 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067165.D

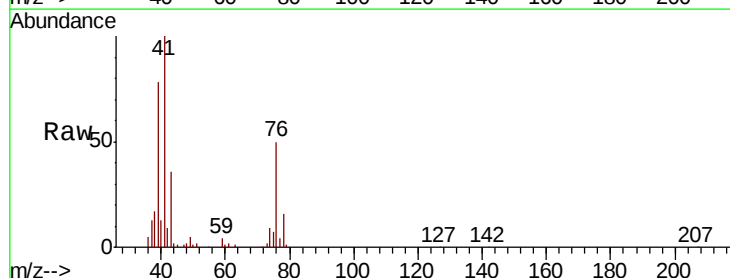
Acq: 07 Oct 2020 21:57

Tgt Ion: 43 Resp: 66776

Ion Ratio Lower Upper

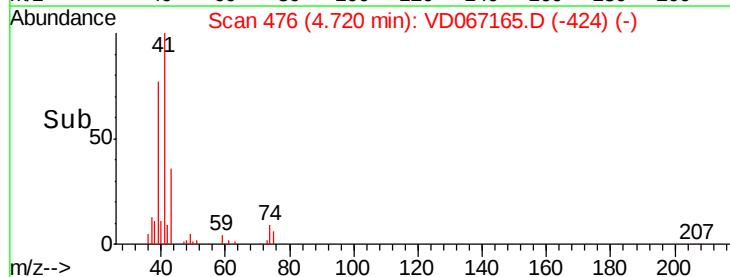
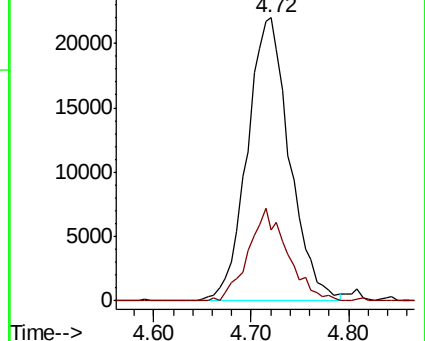
43 100

74 30.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



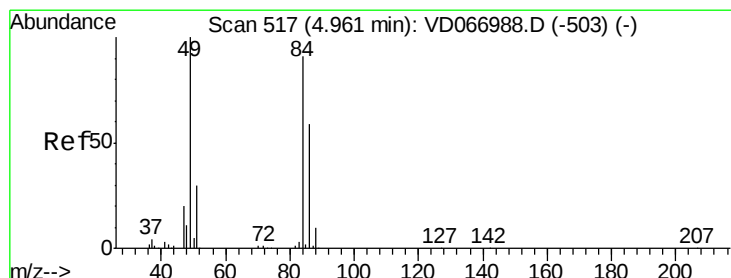
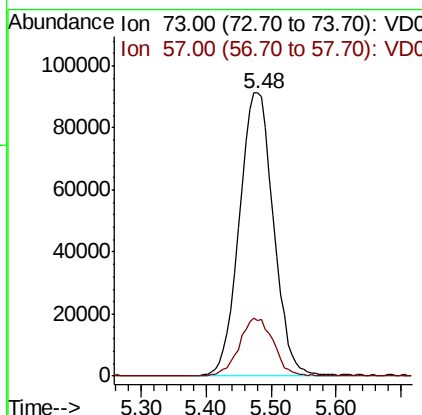
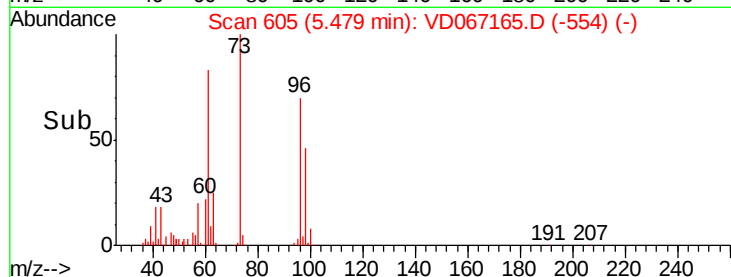
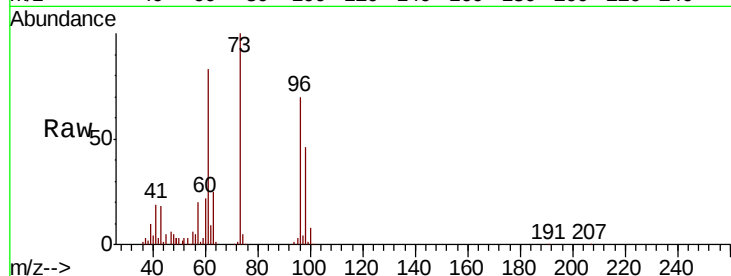


#19

Methyl tert-butyl Ether
 Concen: 53.399 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

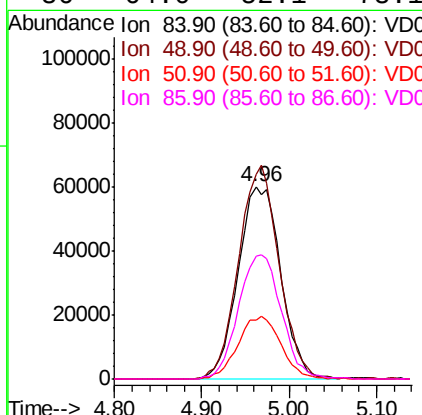
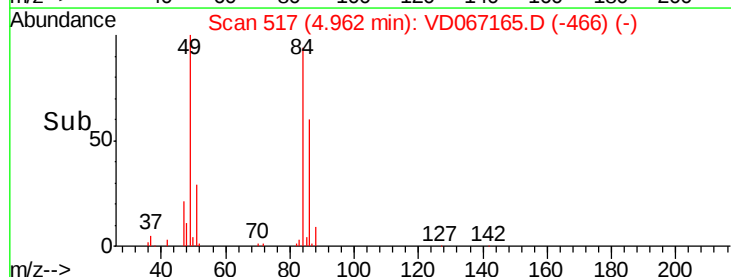
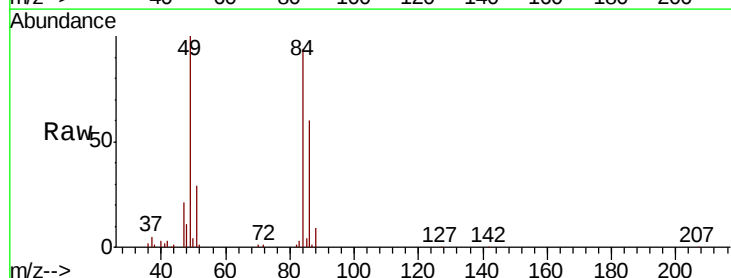
Tot Ion: 73 Resp: 332737
 Ion Ratio Lower Upper
 73 100
 57 19.5 17.4 26.0

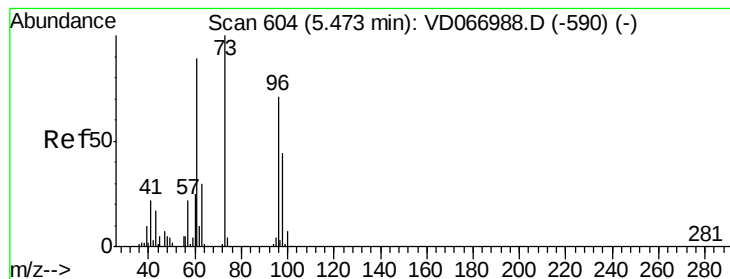


#20

Methylene Chloride
 Concen: 53.283 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion: 84 Resp: 199501
 Ion Ratio Lower Upper
 84 100
 49 106.7 88.2 132.2
 51 31.0 26.6 39.8
 86 64.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.009 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

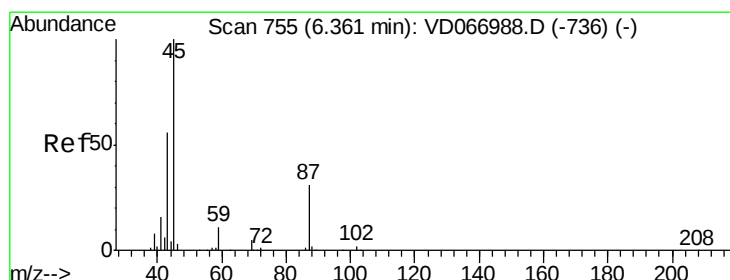
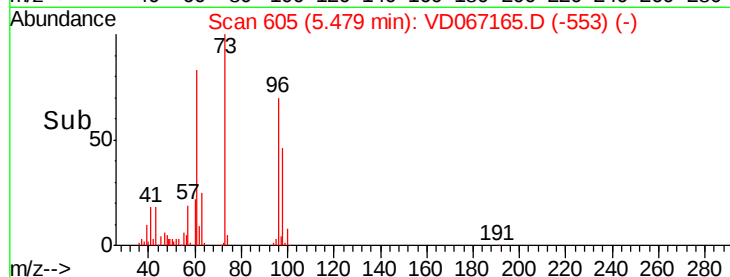
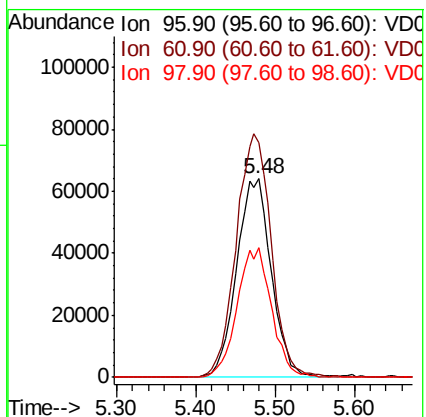
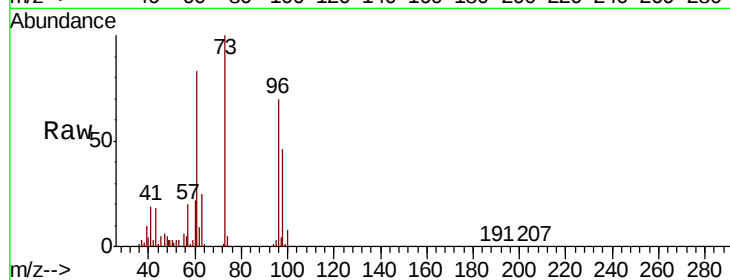
Tot Ion: 96 Resp: 194263

Ion Ratio Lower Upper

96 100

61 118.1 99.6 149.4

98 65.4 49.4 74.2



#22

Diisopropyl ether

Concen: 49.004 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Tgt Ion: 45 Resp: 396713

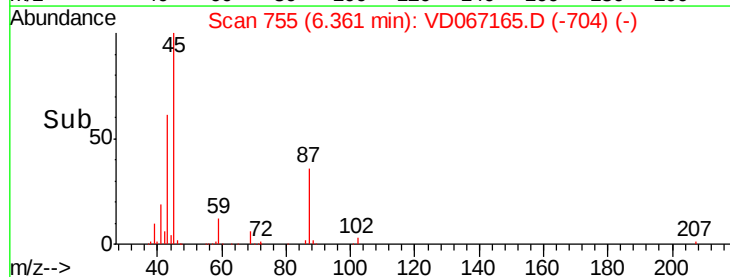
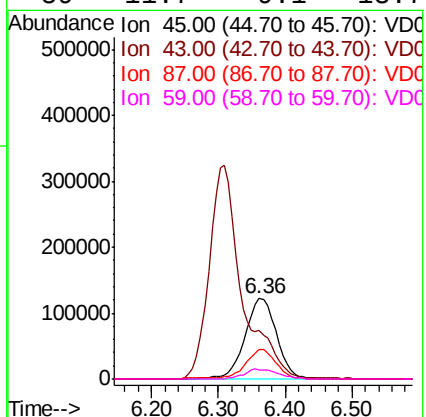
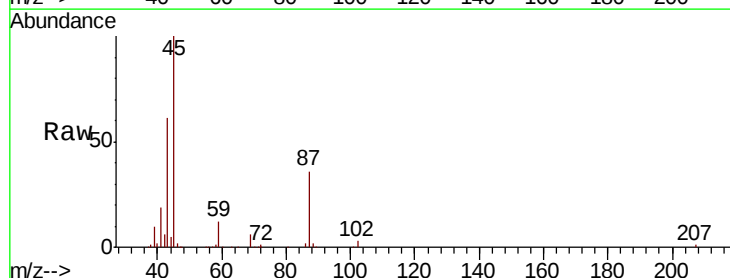
Ion Ratio Lower Upper

45 100

43 60.4 45.2 67.8

87 36.3 25.6 38.4

59 11.7 9.1 13.7

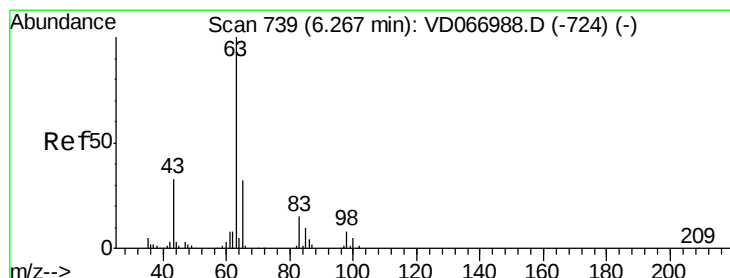
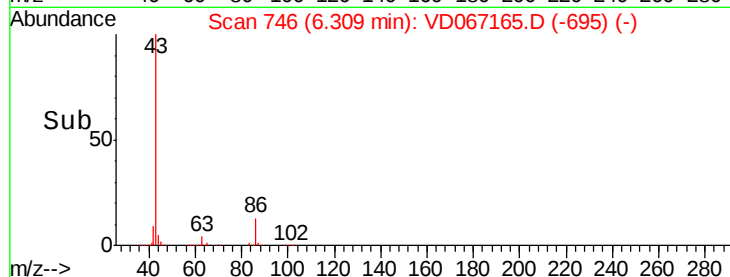
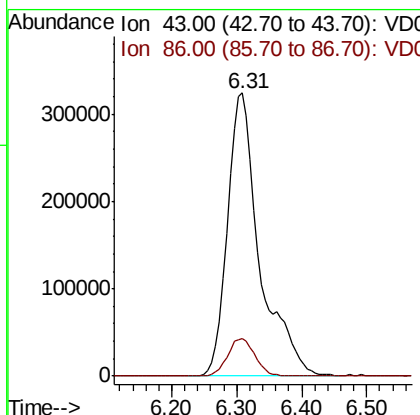
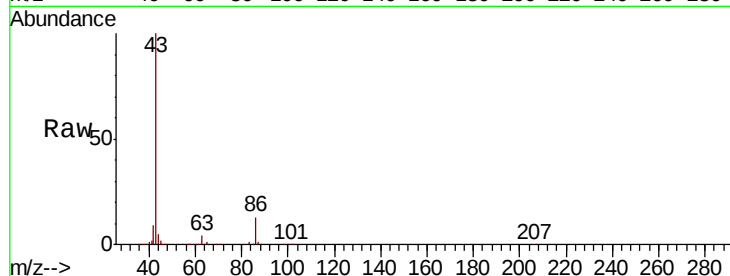




#23
 Vinyl Acetate
 Concen: 242.474 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

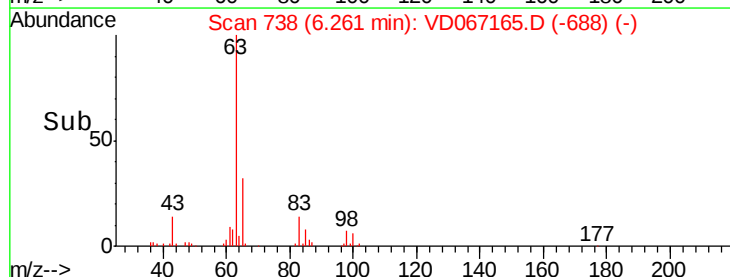
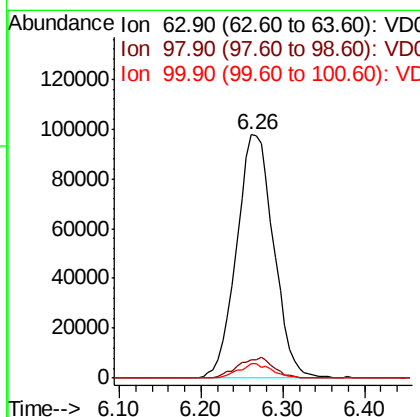
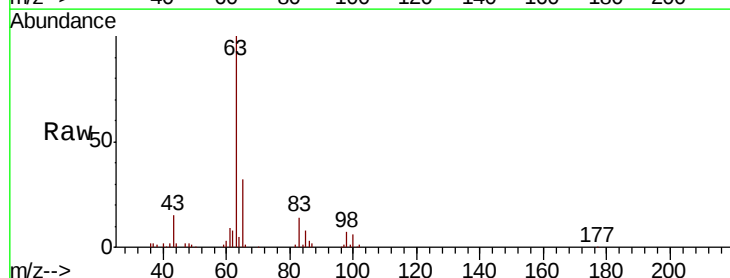
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

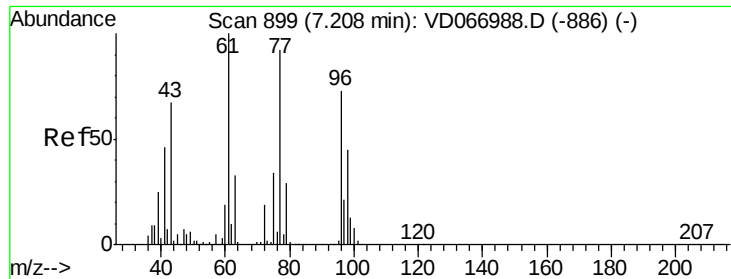
Tot Ion: 43 Resp: 1112322
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 49.390 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion: 63 Resp: 308573
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.2 12.6
 100 5.8 2.6 7.8

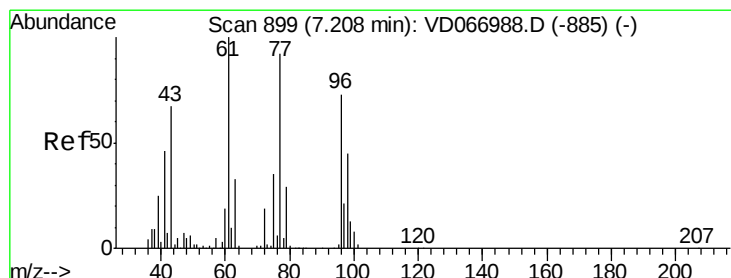
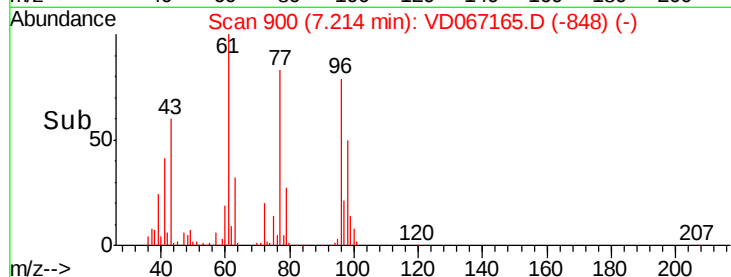
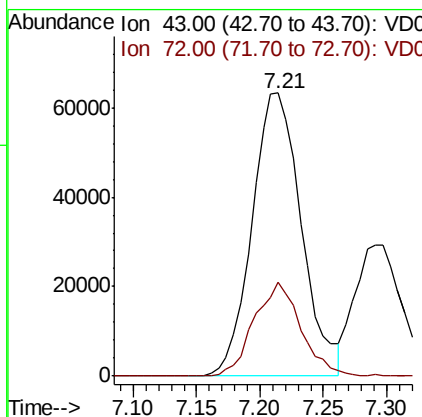
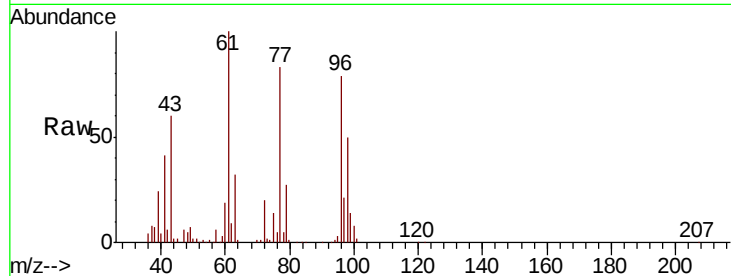




#25
2-Butanone
Concen: 227.413 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

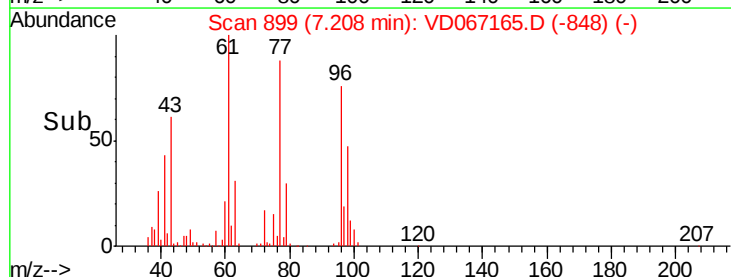
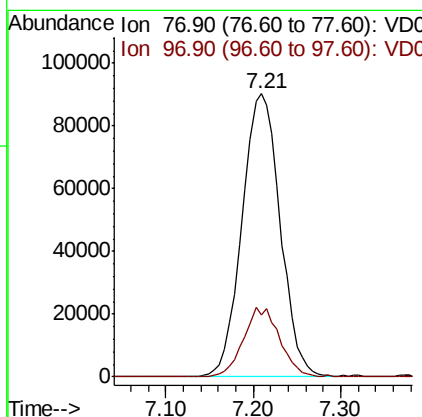
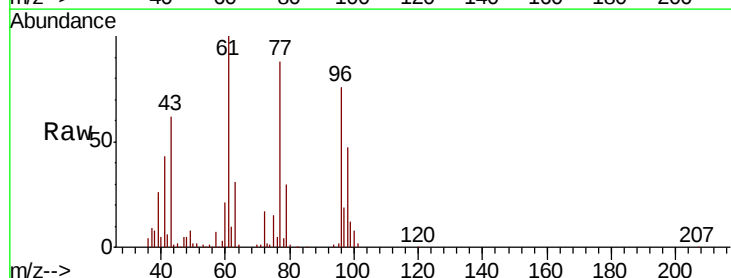
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

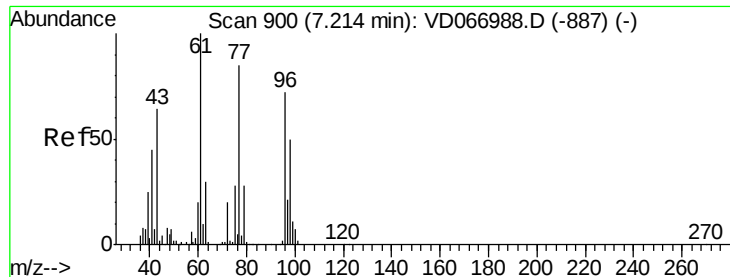
Tot Ion: 43 Resp: 171656
Ion Ratio Lower Upper
43 100
72 33.3 22.8 34.2



#26
2,2-Dichloropropane
Concen: 50.168 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 77 Resp: 267941
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.706 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

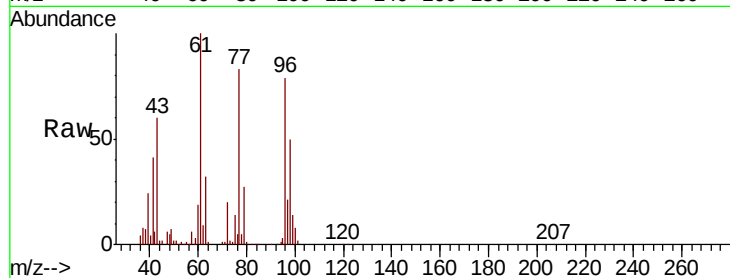
Tot Ion: 96 Resp: 218664

Ion Ratio Lower Upper

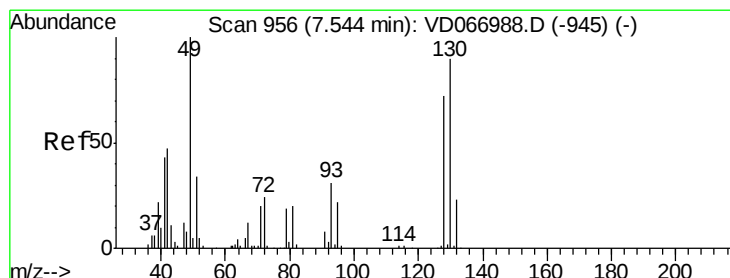
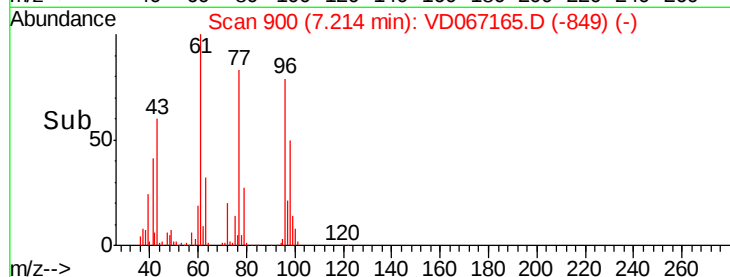
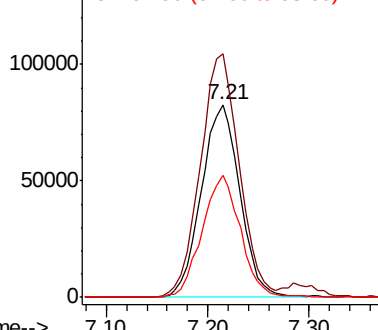
96 100

61 127.6 0.0 269.2

98 63.3 0.0 129.4



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: 46.962 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

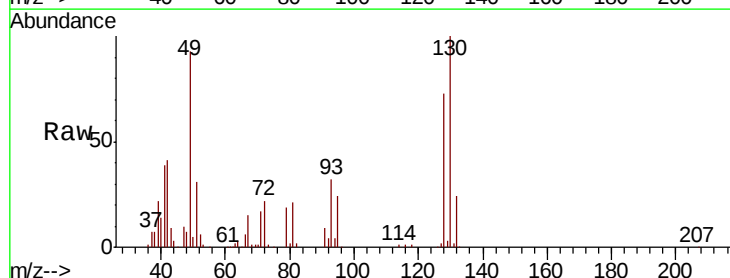
Tgt Ion: 49 Resp: 113309

Ion Ratio Lower Upper

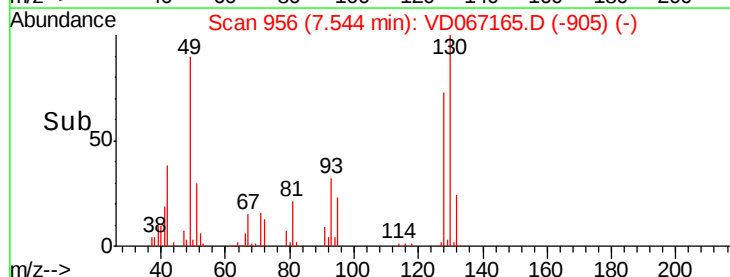
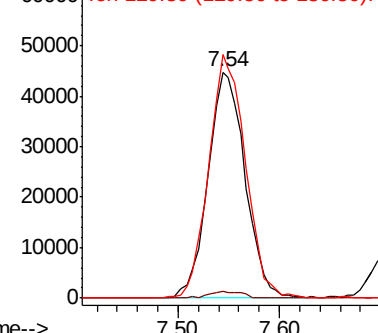
49 100

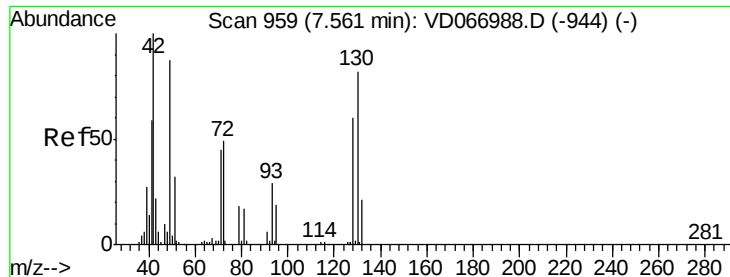
129 2.6 0.0 4.6

130 106.9 74.1 111.1



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

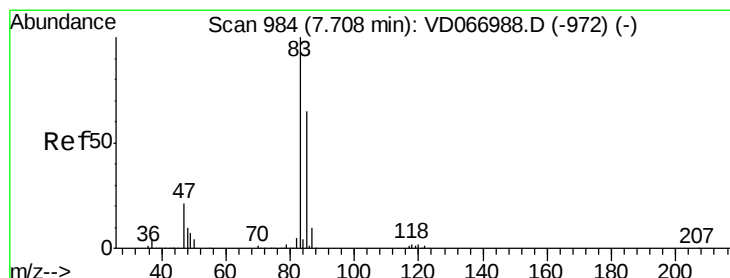
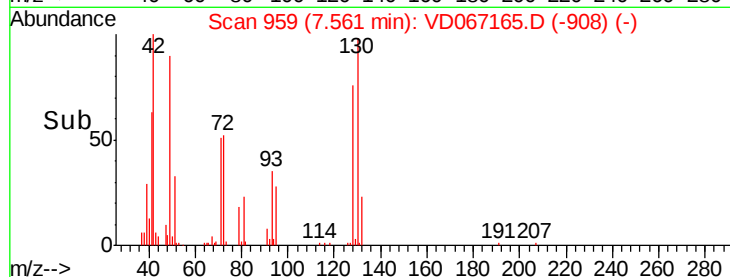
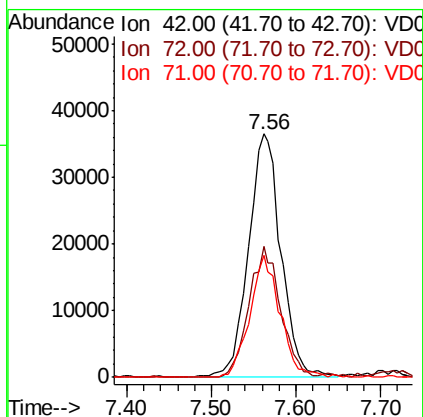
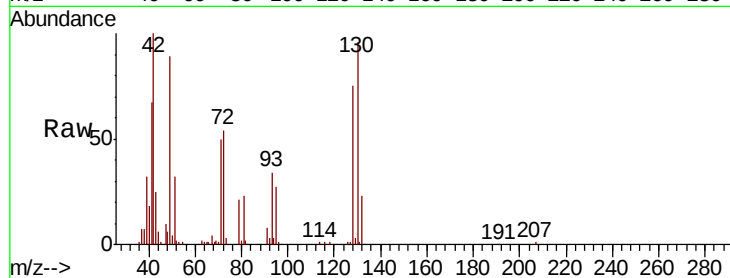




#29
Tetrahydrofuran
Concen: 225.384 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

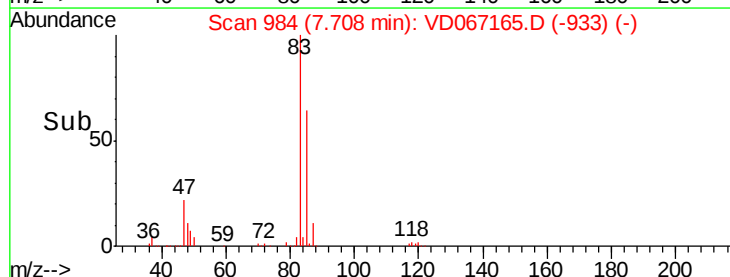
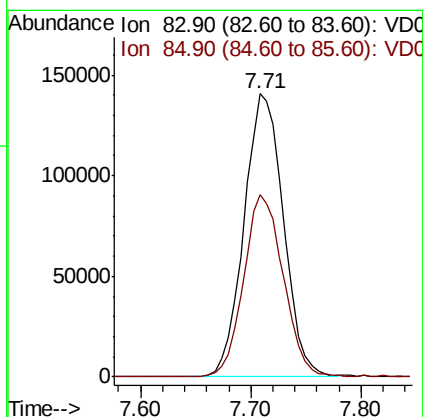
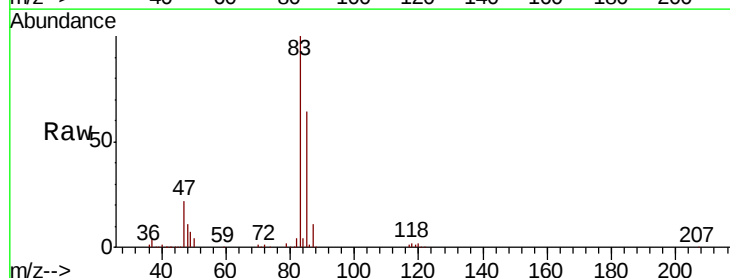
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

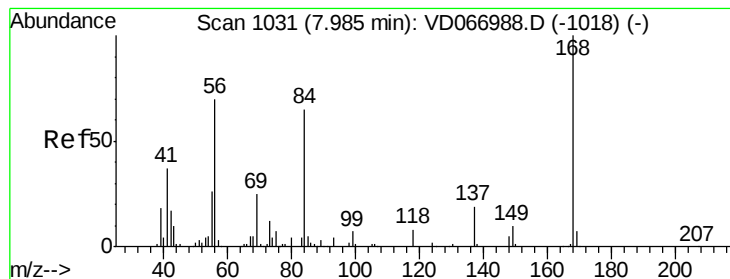
Tot Ion: 42 Resp: 97820
Ion Ratio Lower Upper
42 100
72 52.1 39.1 58.7
71 47.0 34.2 51.4



#30
Chloroform
Concen: 52.023 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 83 Resp: 352576
Ion Ratio Lower Upper
83 100
85 64.4 52.3 78.5





#31

Cyclohexane

Concen: 42.054 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

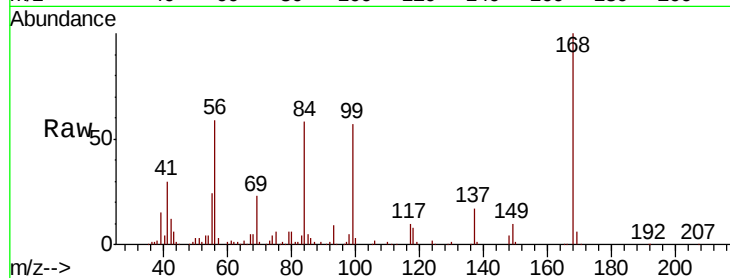
Tot Ion: 56 Resp: 220272

Ion Ratio Lower Upper

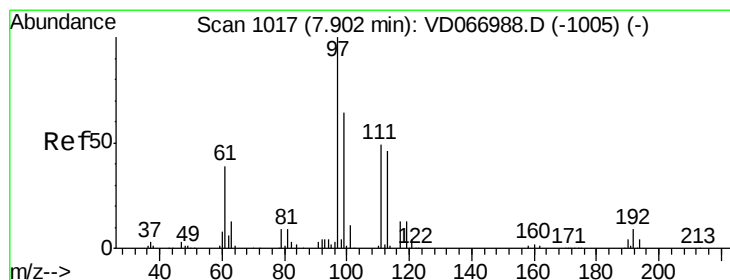
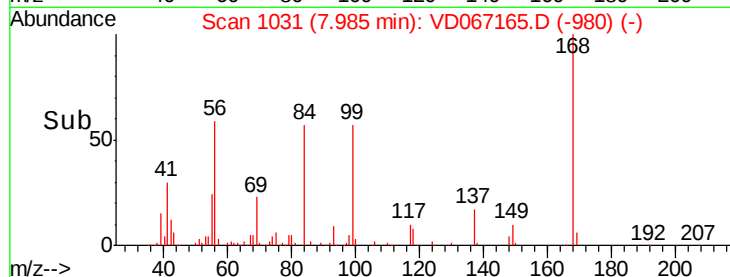
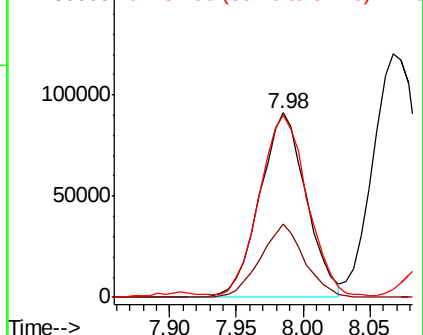
56 100

69 39.8 29.0 43.6

84 96.8 74.2 111.2



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: 51.583 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

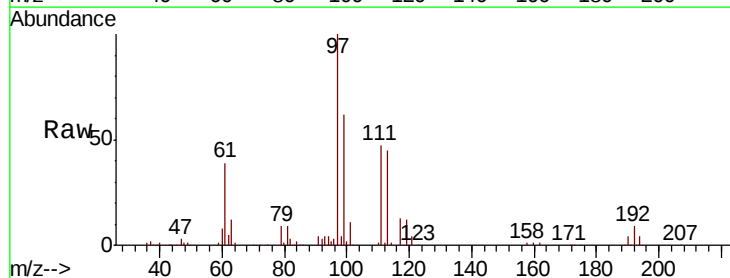
Tgt Ion: 97 Resp: 323993

Ion Ratio Lower Upper

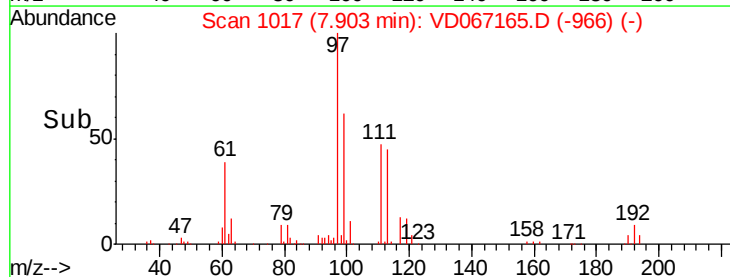
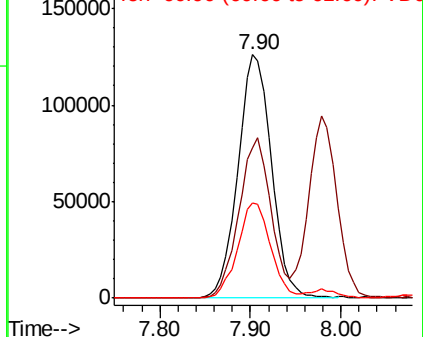
97 100

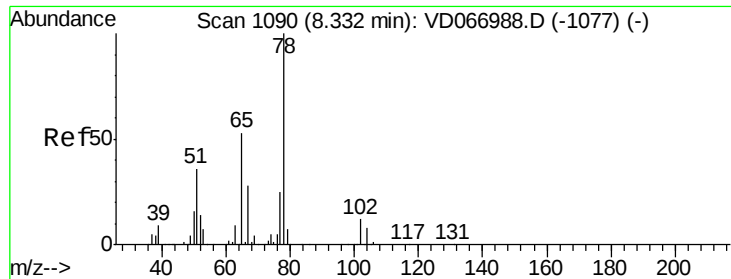
99 63.2 52.6 78.8

61 38.7 32.8 49.2



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: 52.145 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

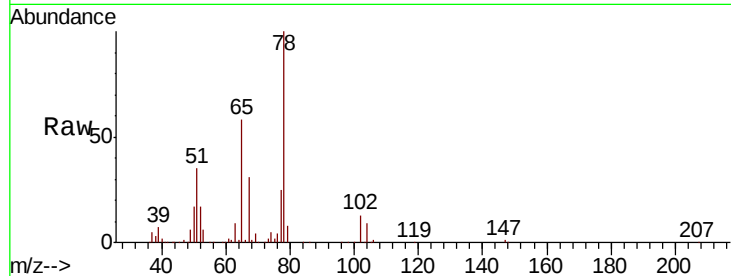
VSTDCCC050

Tot Ion: 65 Resp: 181867

Ion Ratio Lower Upper

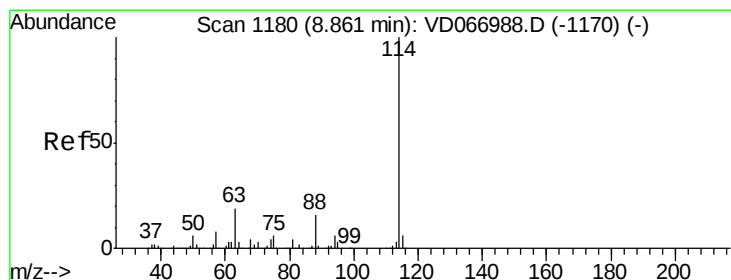
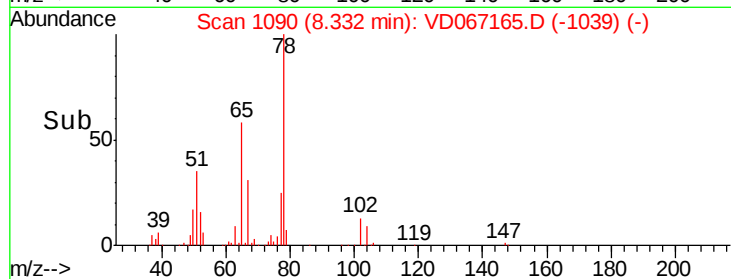
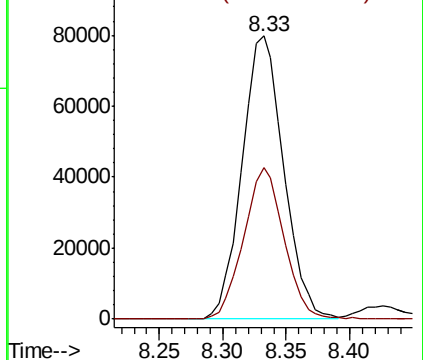
65 100

67 52.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

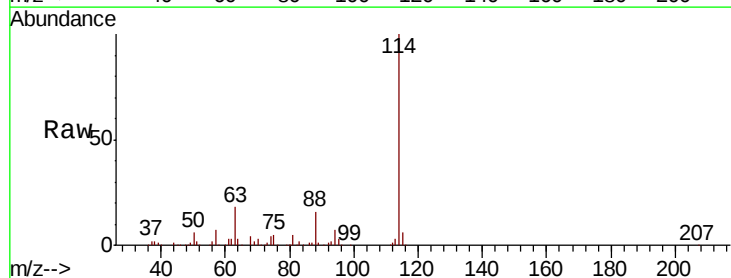
Tgt Ion: 114 Resp: 556121

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

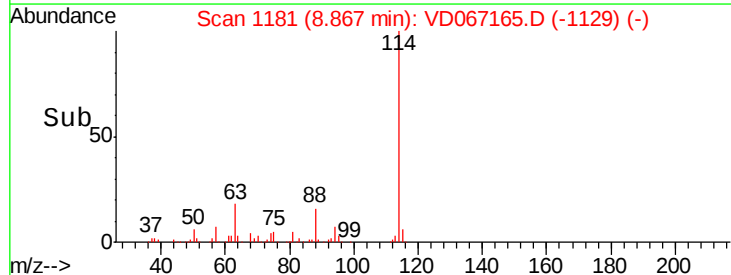
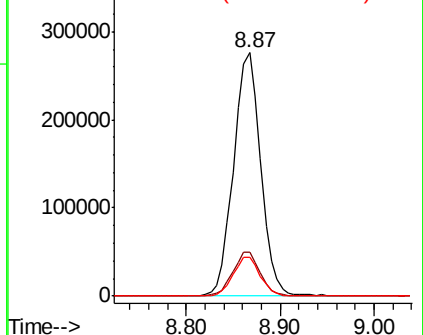
88 15.9 0.0 31.2

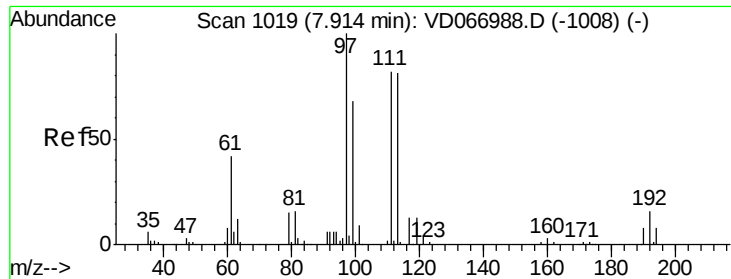


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

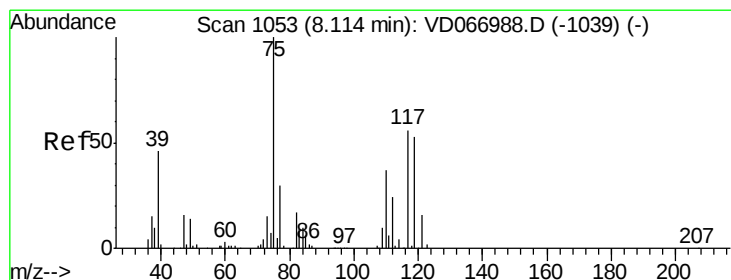
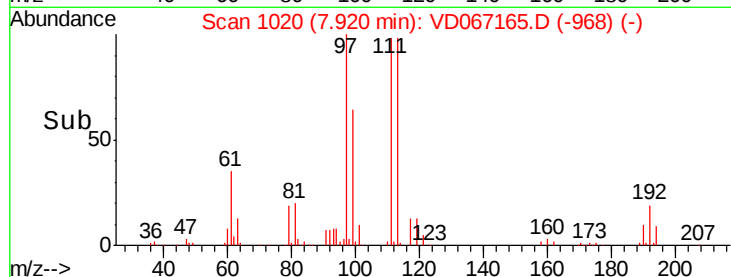
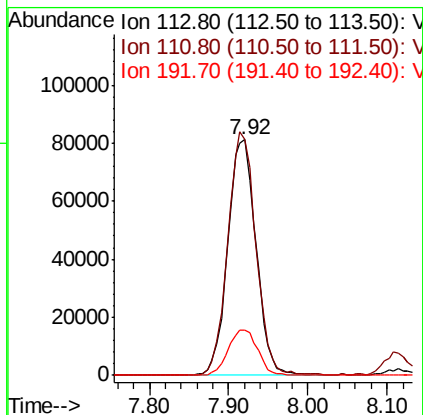
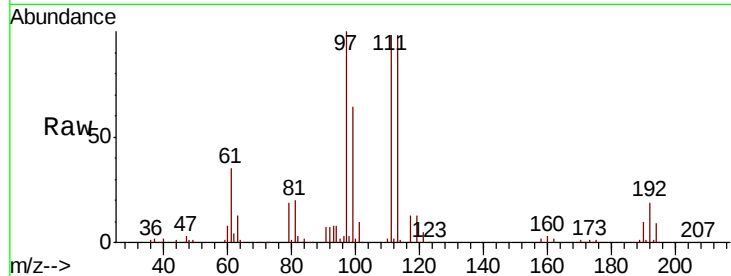




#35
Dibromofluoromethane
Concen: 55.044 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

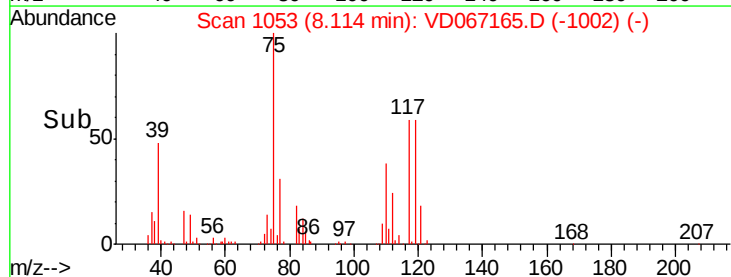
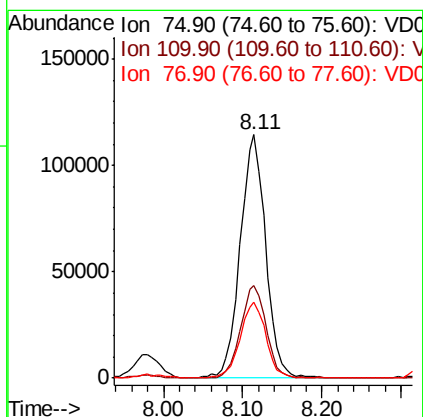
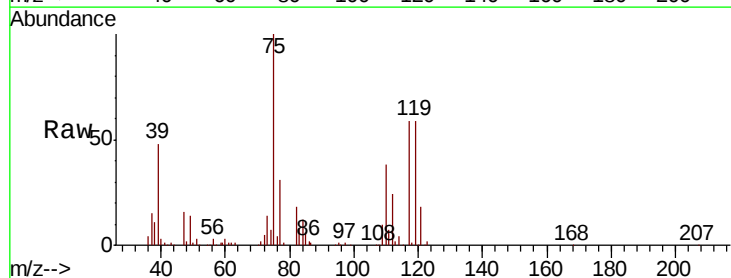
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

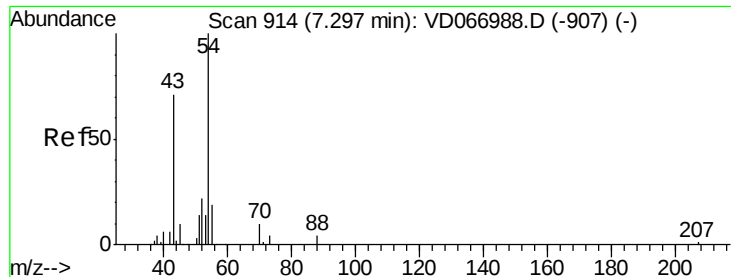
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	20.0	15.5	23.3



#36
1,1-Dichloropropene
Concen: 48.964 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.4	55.0
77	31.7	24.8	37.2

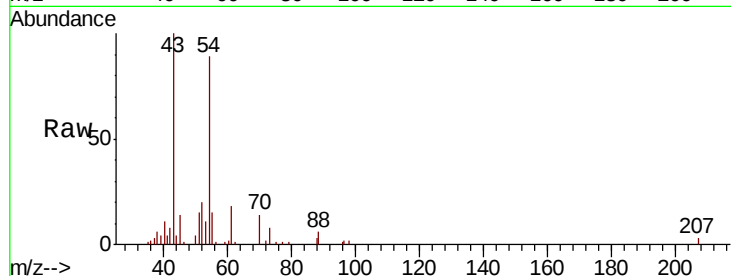




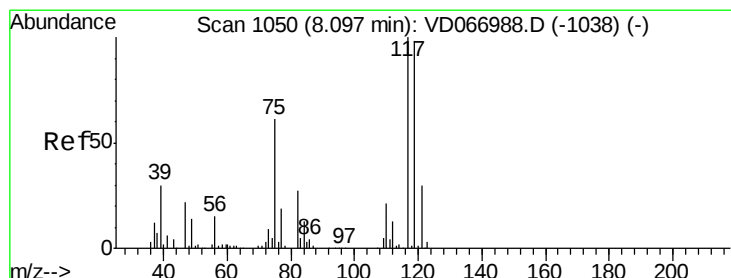
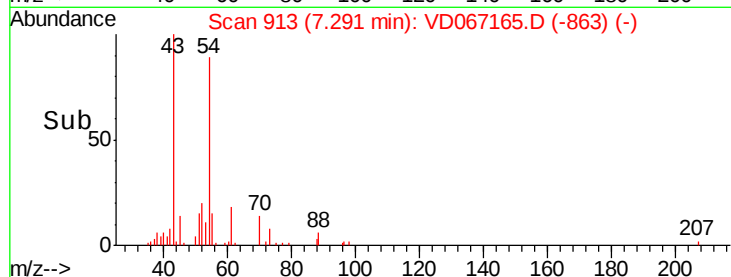
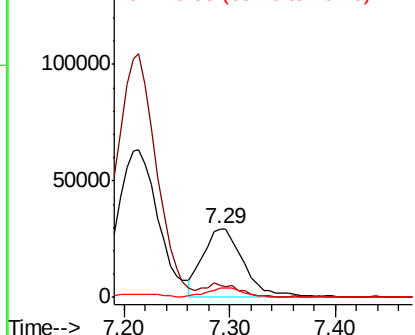
#37
Ethyl Acetate
Concen: 43.795 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 78645
Ion Ratio Lower Upper
43 100
61 15.8 12.5 18.7
70 13.1 9.4 14.0

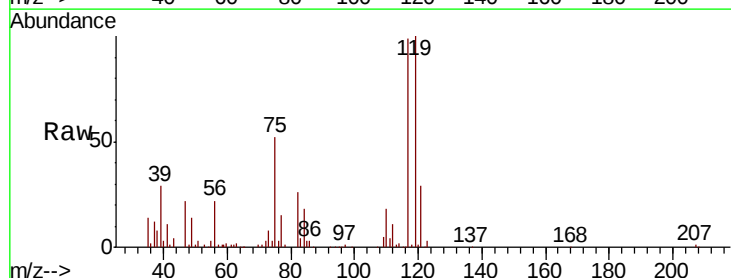


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

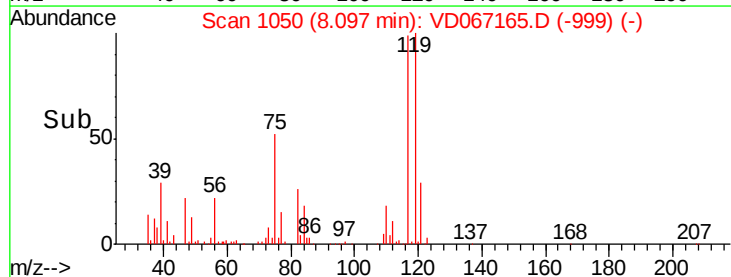
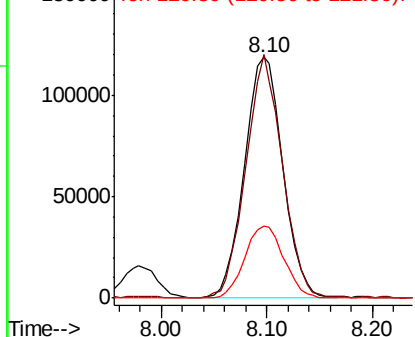


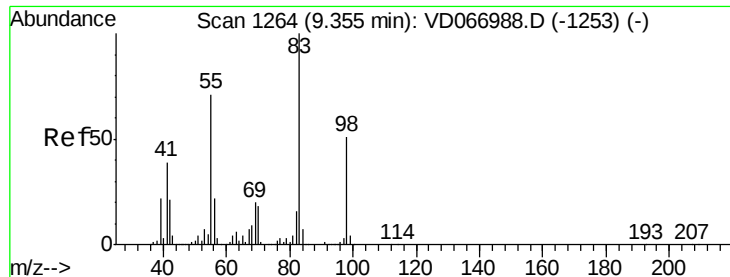
#38
Carbon Tetrachloride
Concen: 53.359 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 117 Resp: 299269
Ion Ratio Lower Upper
117 100
119 101.2 78.7 118.1
121 29.8 24.2 36.2



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

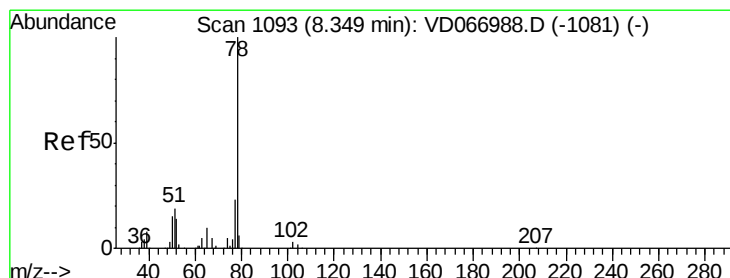
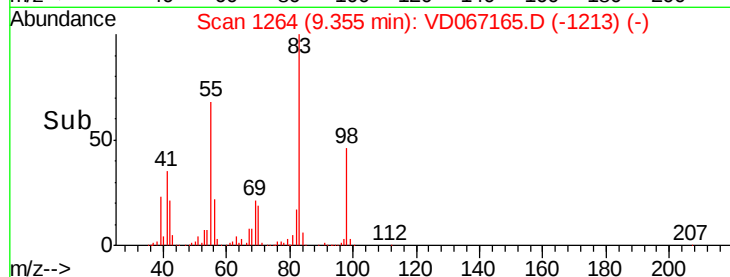
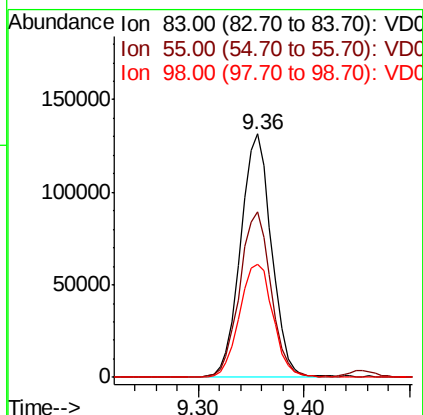
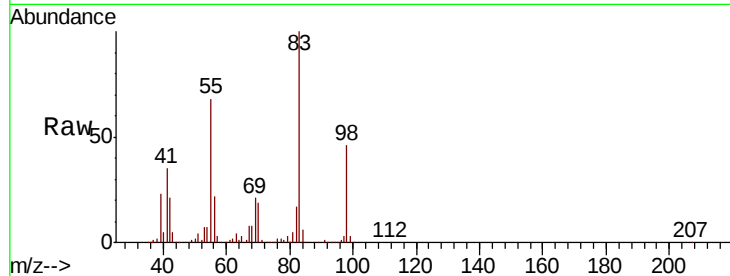




#39
Methvlcvclohexane
Concen: 48.791 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

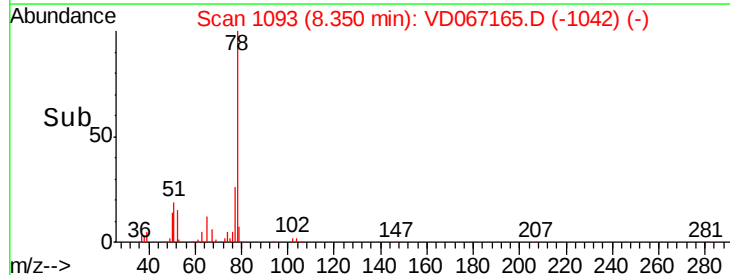
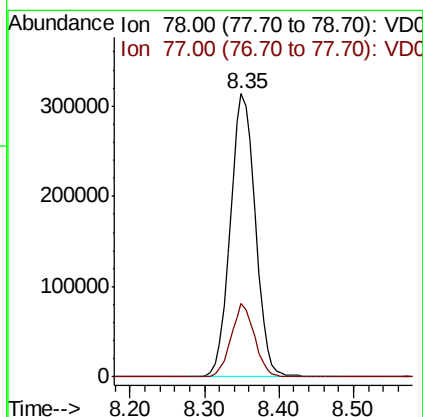
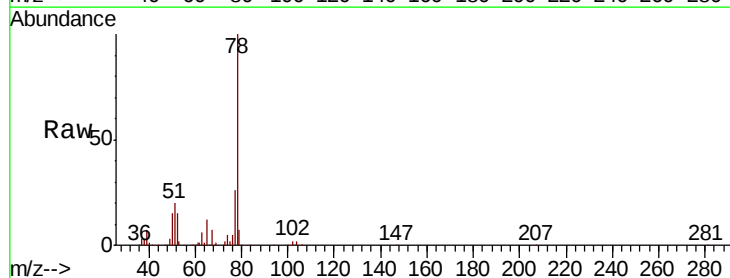
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

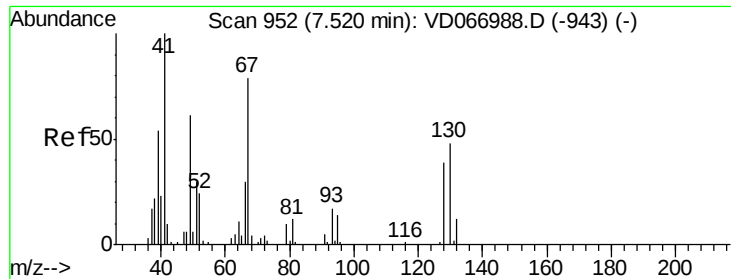
Tot Ion: 83 Resp: 267393
Ion Ratio Lower Upper
83 100
55 67.9 57.1 85.7
98 46.3 40.9 61.3



#40
Benzene
Concen: 50.813 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 78 Resp: 731596
Ion Ratio Lower Upper
78 100
77 25.9 18.4 27.6

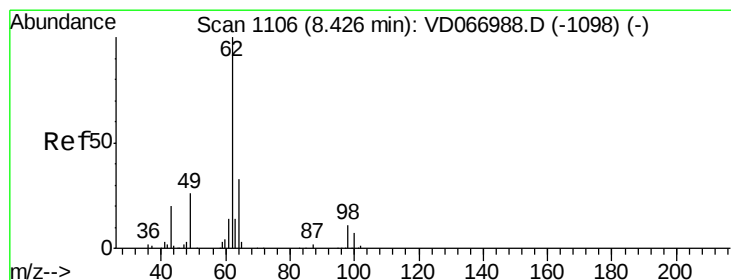
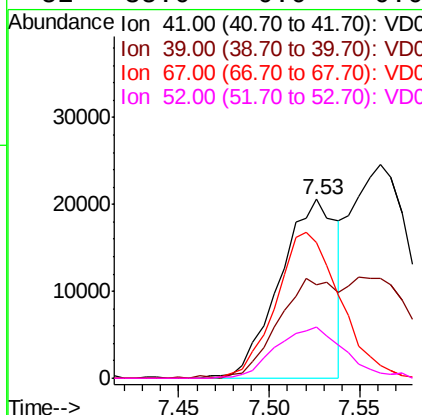
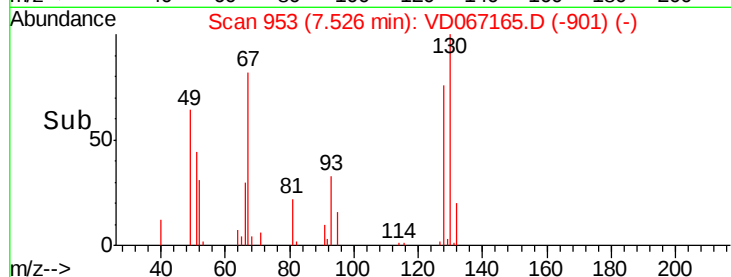
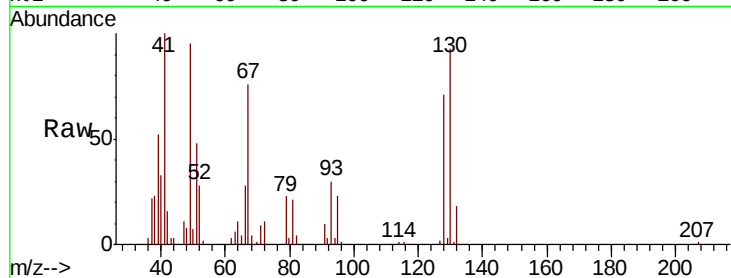




#41
Methacrylonitrile
Concen: 46.839 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

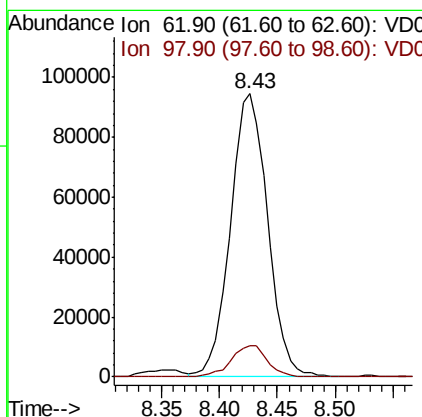
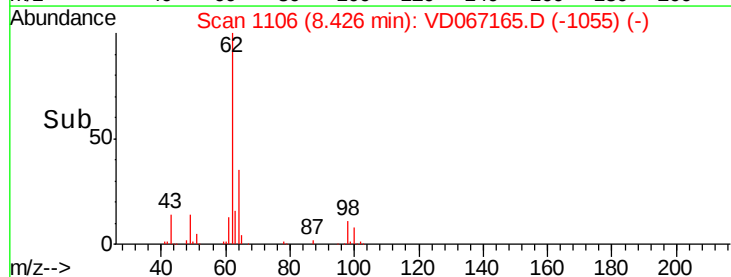
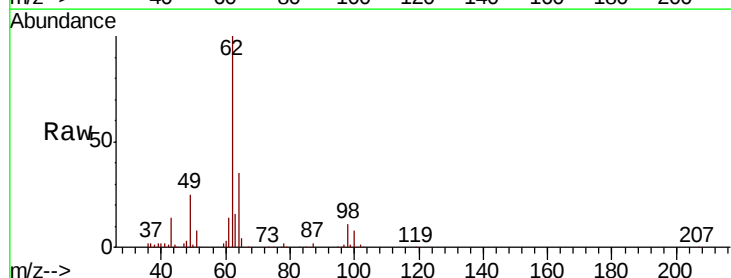
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

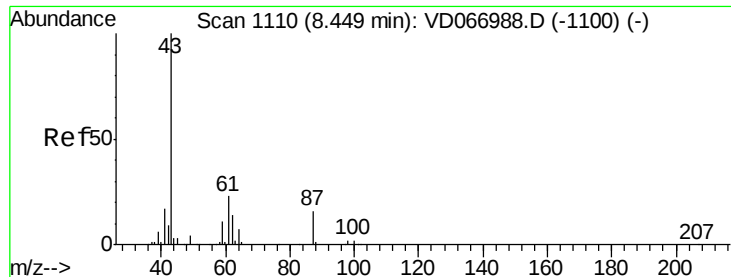
Tot Ion: 41 Resp: 45441
Ion Ratio Lower Upper
41 100
39 57.1 0.0 0.0#
67 91.3 0.0 0.0#
52 35.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.046 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 62 Resp: 209392
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.6





#43

Isopropyl Acetate

Concen: 47.352 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

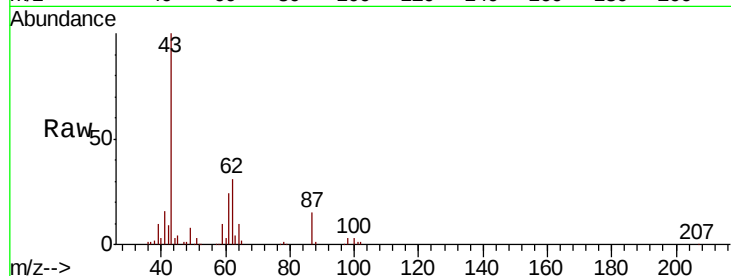
Tot Ion: 43 Resp: 156649

Ion Ratio Lower Upper

43 100

61 37.4 27.1 40.7

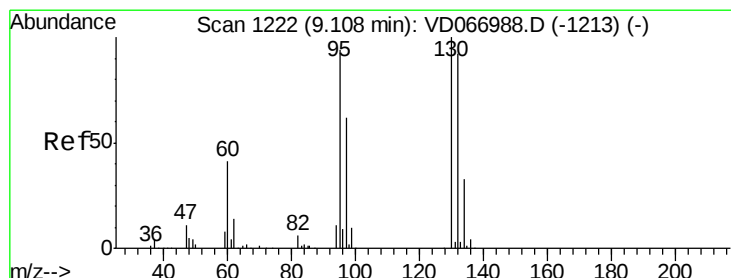
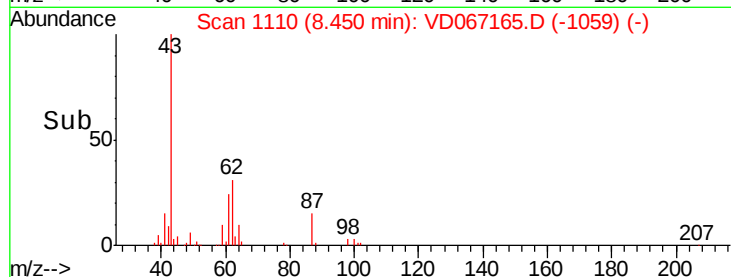
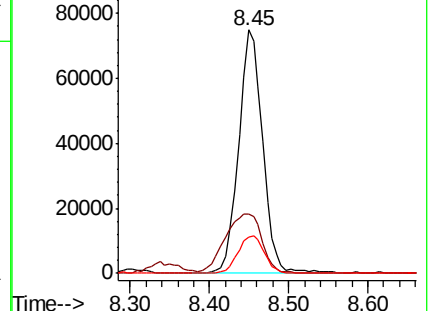
87 16.8 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 53.824 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067165.D

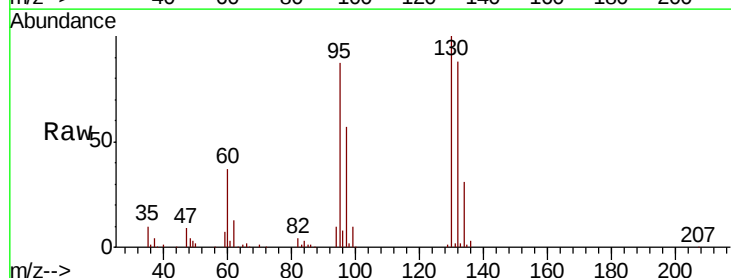
Acq: 07 Oct 2020 21:57

Tgt Ion: 130 Resp: 231407

Ion Ratio Lower Upper

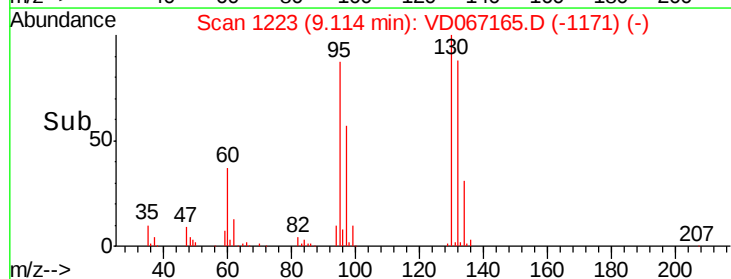
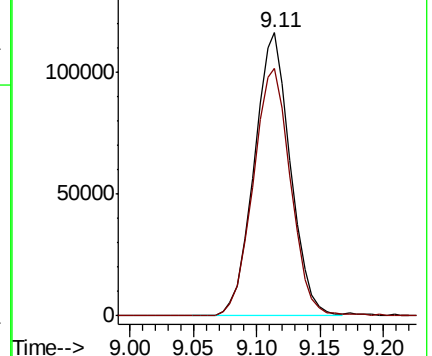
130 100

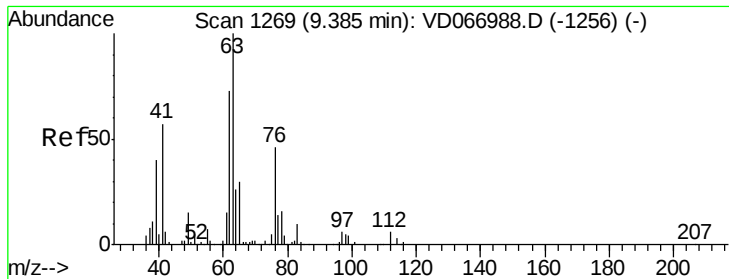
95 87.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.974 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

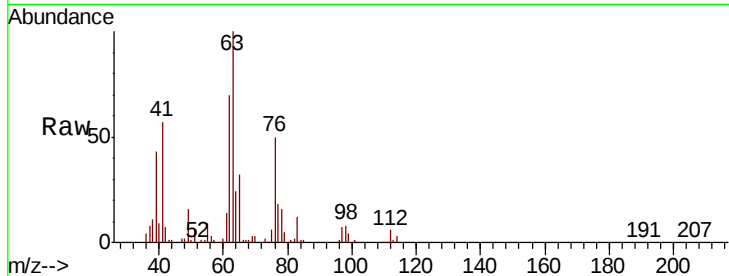
VSTDCCC050

Tot Ion: 63 Resp: 172443

Ion Ratio Lower Upper

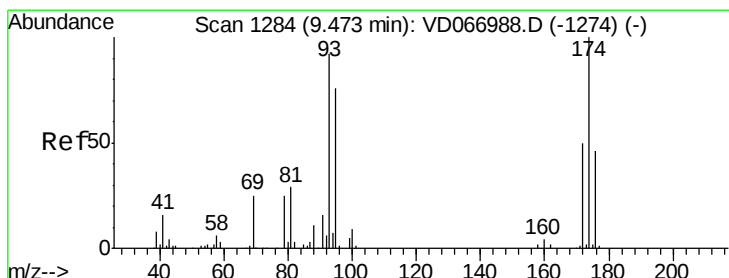
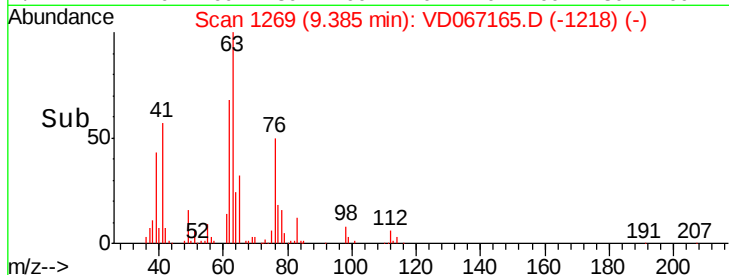
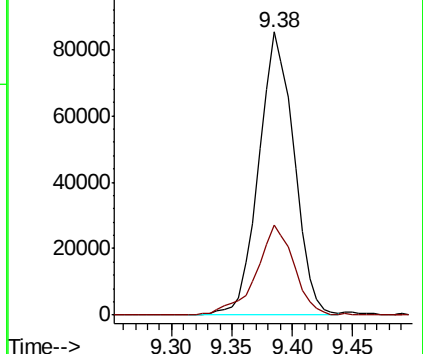
63 100

65 31.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.941 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

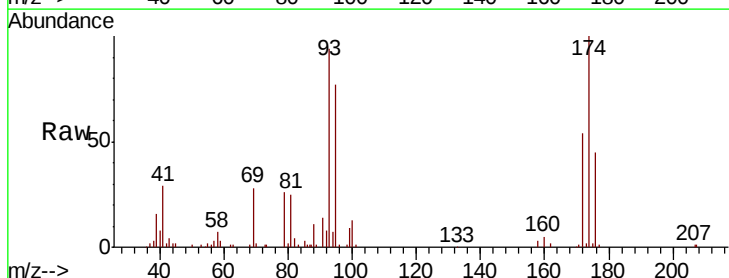
Tgt Ion: 93 Resp: 102937

Ion Ratio Lower Upper

93 100

95 84.1 64.7 97.1

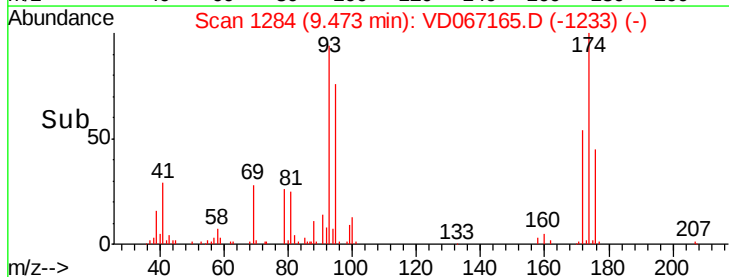
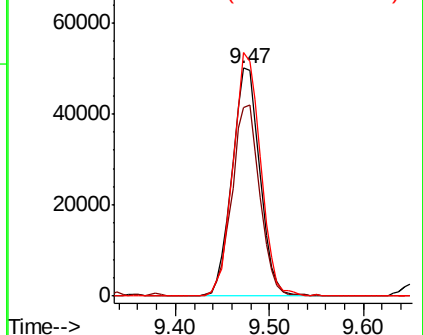
174 105.4 81.4 122.2

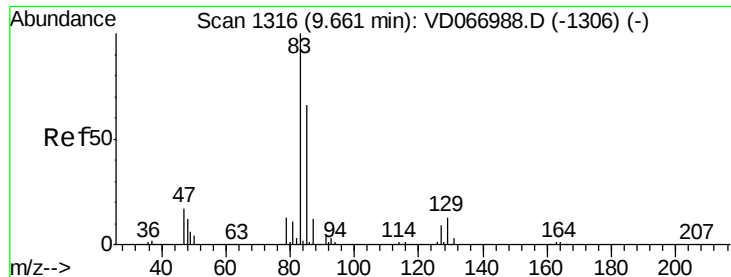


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

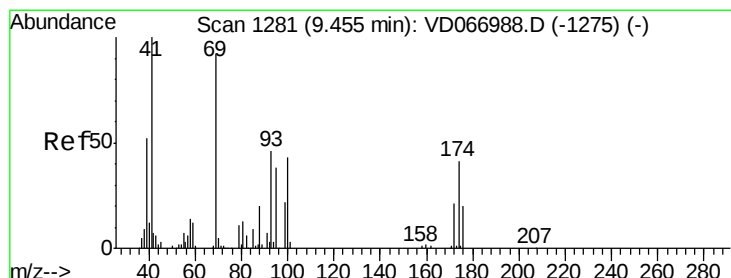
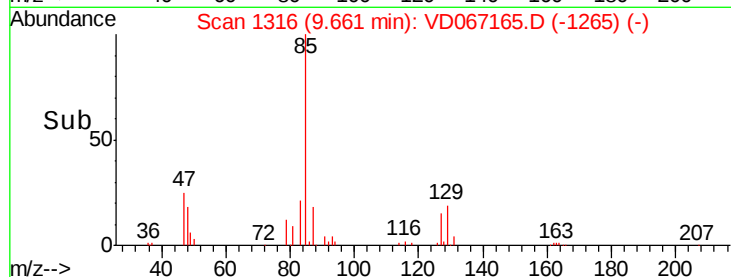
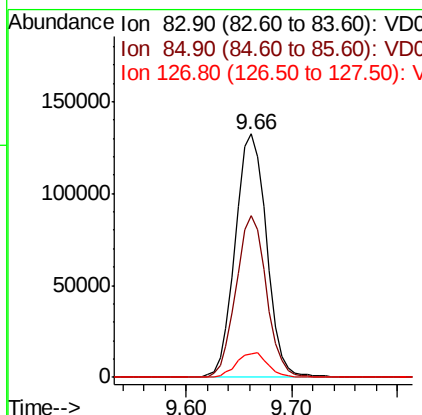
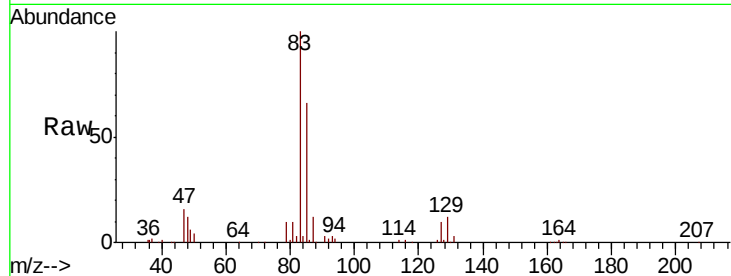




#47
Bromodichloromethane
Concen: 53.800 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

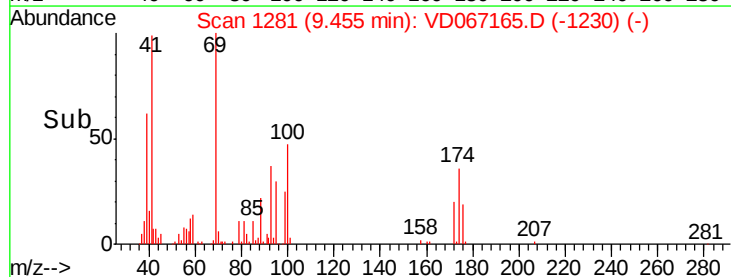
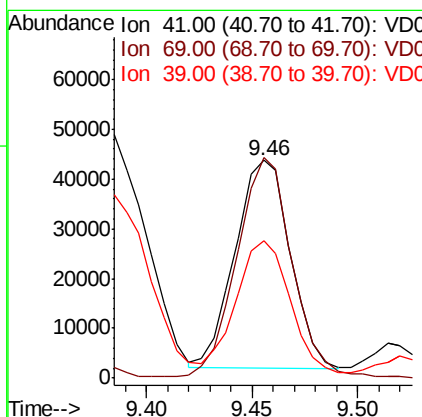
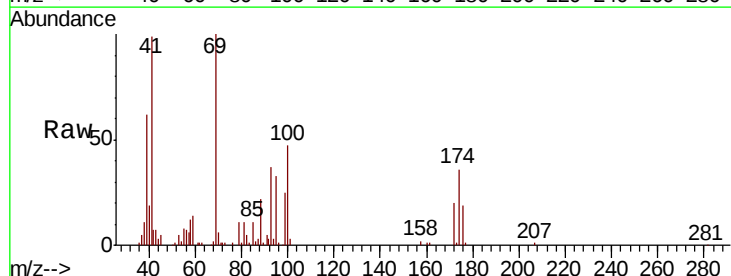
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

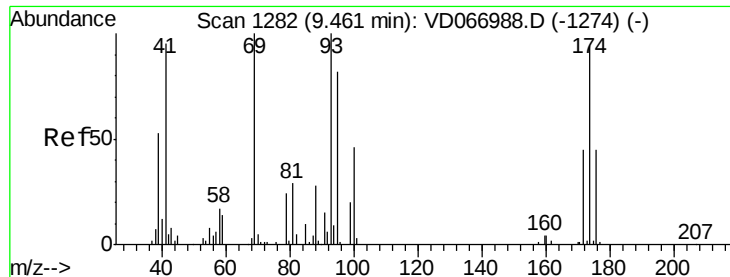
Tot Ion: 83 Resp: 271921
Ion Ratio Lower Upper
83 100
85 66.4 52.9 79.3
127 9.8 7.3 10.9



#48
Methyl methacrylate
Concen: 44.801 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 41 Resp: 75930
Ion Ratio Lower Upper
41 100
69 107.7 68.5 102.7#
39 61.1 40.2 60.2#





#49

1,4-Dioxane

Concen: 1019.469 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

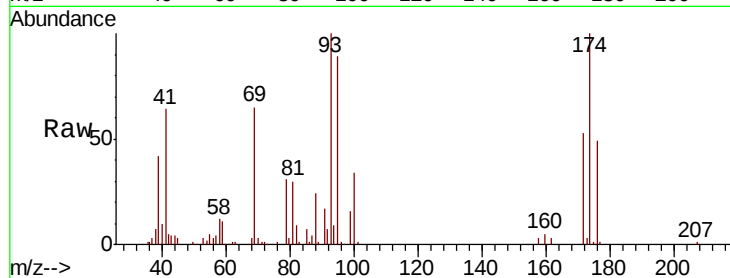
Tot Ion: 88 Resp: 20688

Ion Ratio Lower Upper

88 100

43 30.9 25.6 38.4

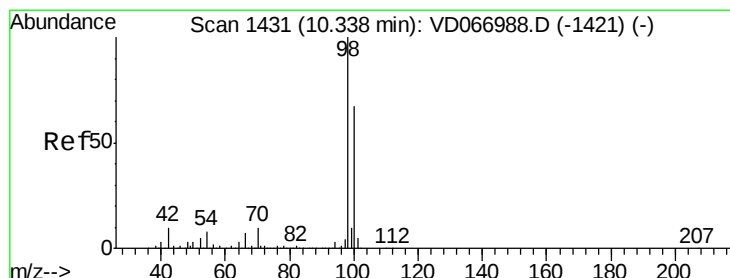
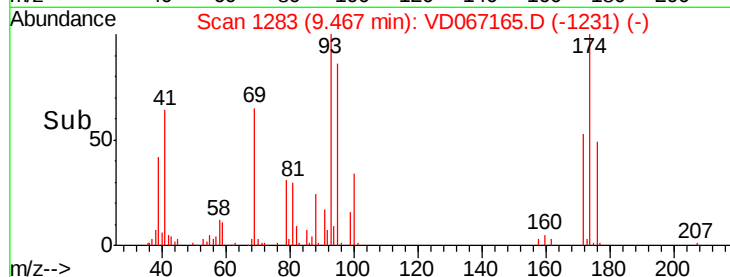
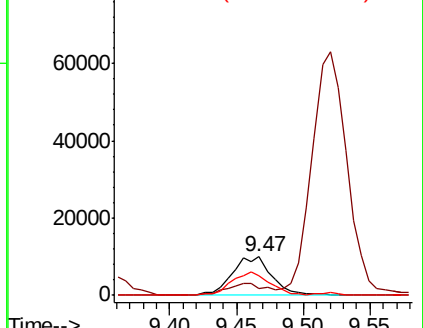
58 57.9 53.5 80.3



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: 53.551 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067165.D

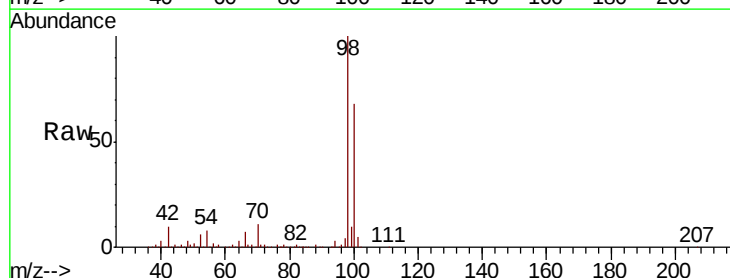
Acq: 07 Oct 2020 21:57

Tgt Ion: 98 Resp: 710443

Ion Ratio Lower Upper

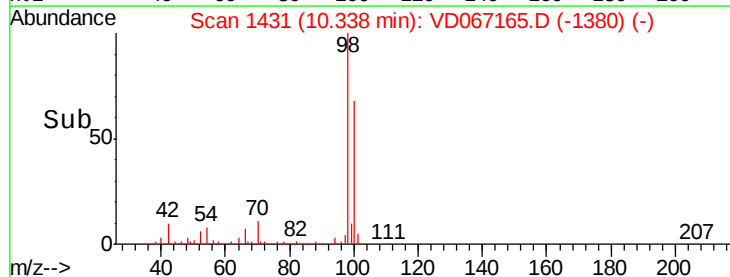
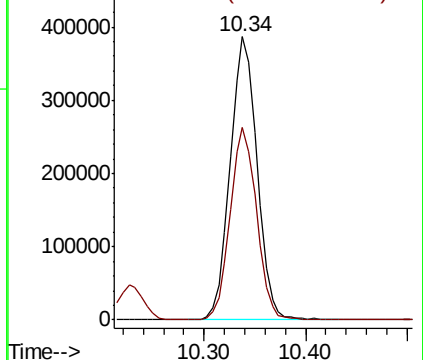
98 100

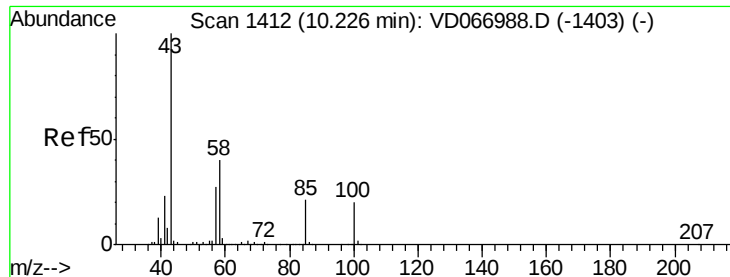
100 67.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

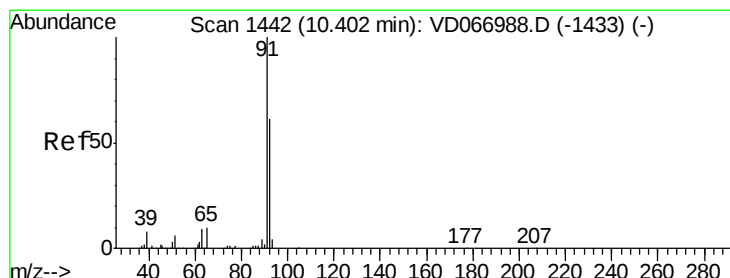
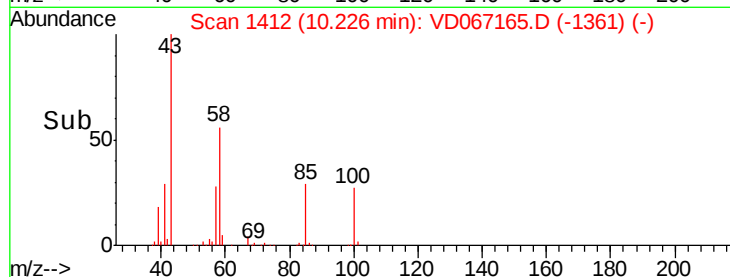
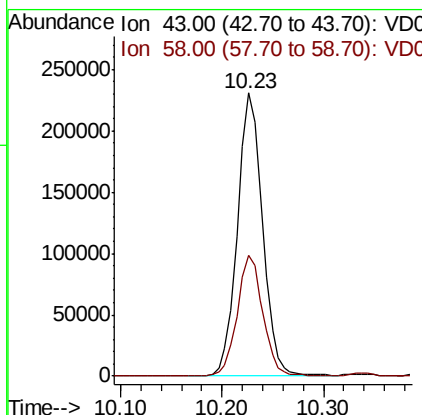
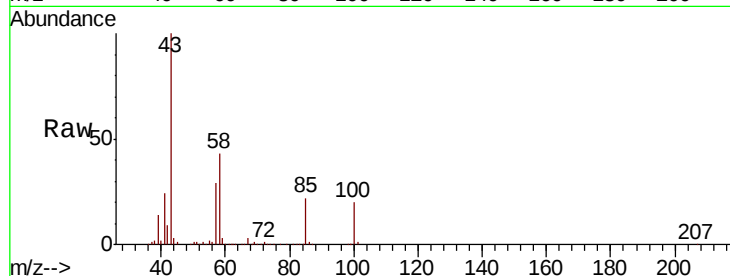




#51
4-Methyl-2-Pentanone
Concen: 242.240 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

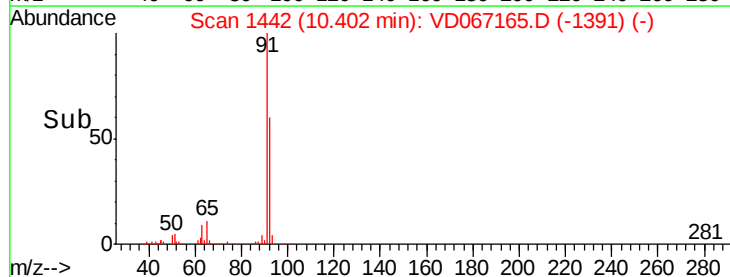
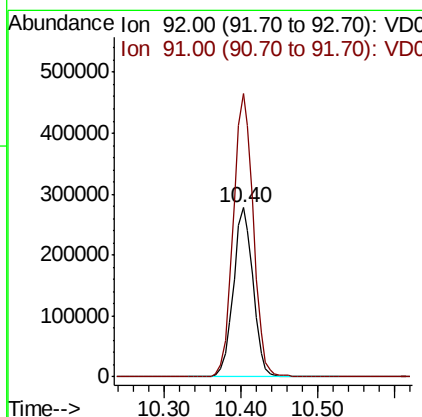
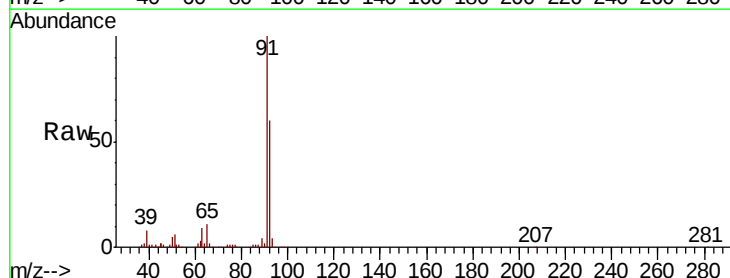
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

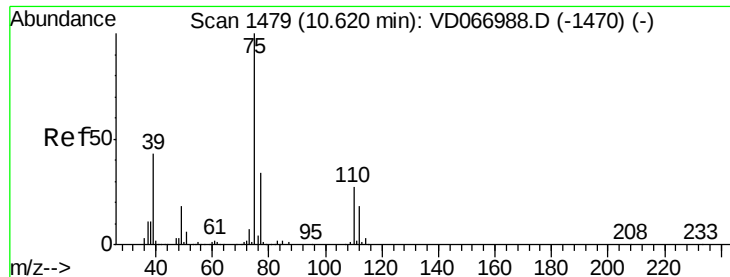
Tot Ion: 43 Resp: 399163
Ion Ratio Lower Upper
43 100
58 43.1 33.8 50.8



#52
Toluene
Concen: 53.600 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 92 Resp: 497126
Ion Ratio Lower Upper
92 100
91 169.9 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 54.083 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

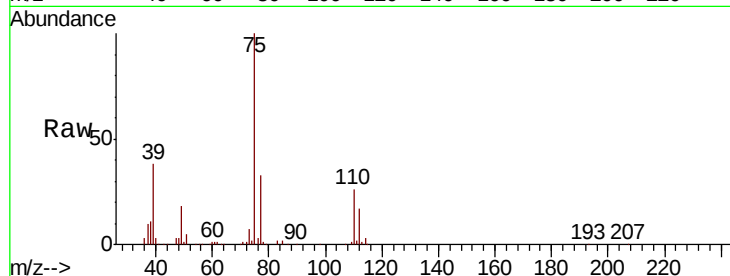
VSTDCCC050

Tot Ion: 75 Resp: 244300

Ion Ratio Lower Upper

75 100

77 32.7 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

150000

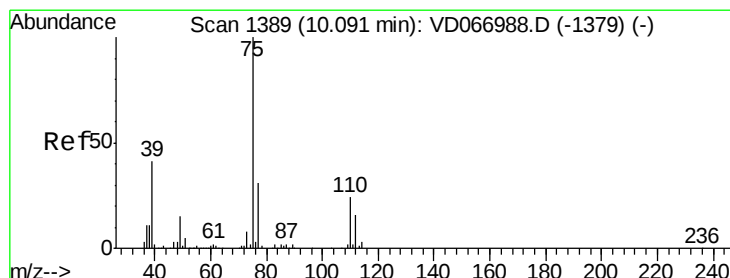
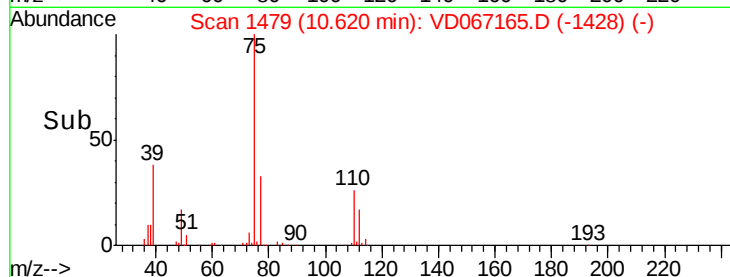
100000

50000

0

Time-->

10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.505 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

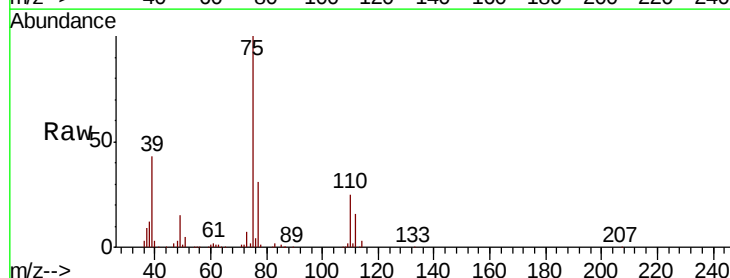
Tgt Ion: 75 Resp: 289615

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 42.4 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

200000

150000

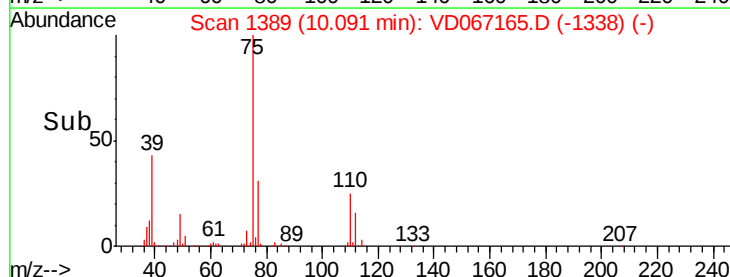
100000

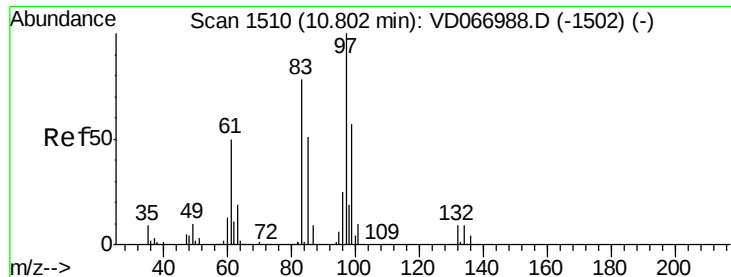
50000

0

Time-->

10.00 10.10 10.20

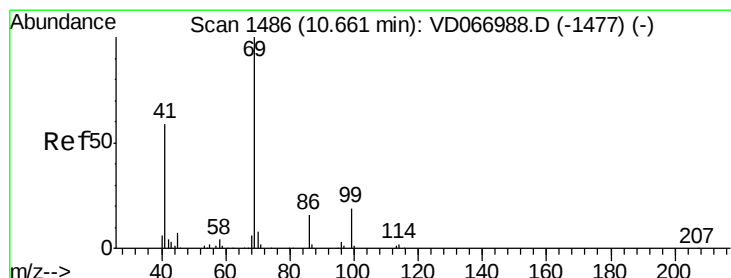
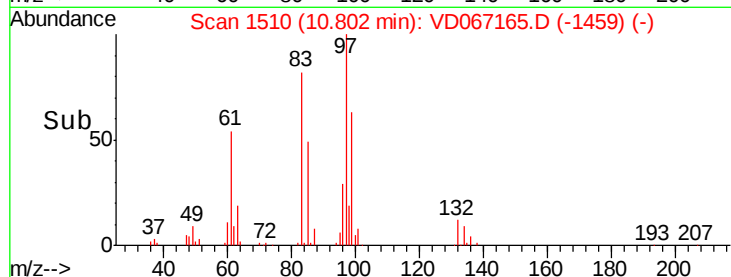
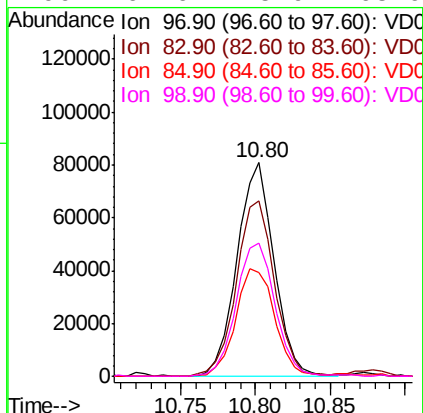
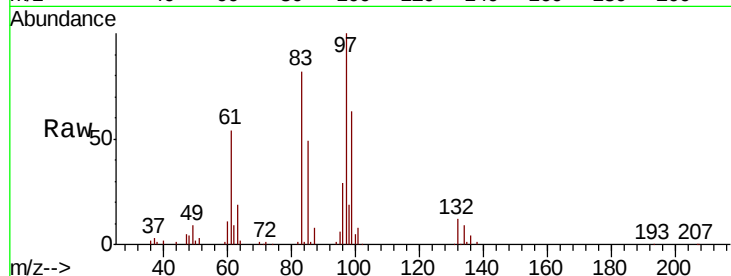




#55
 1,1,2-Trichloroethane
 Concen: 51.583 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

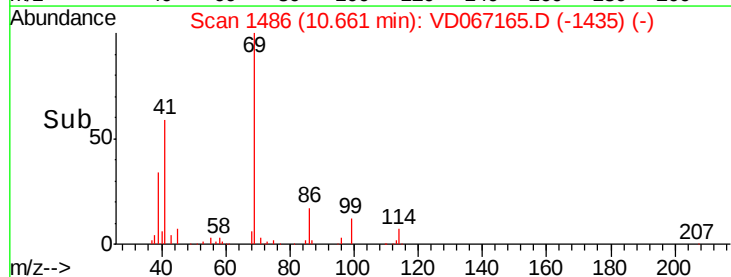
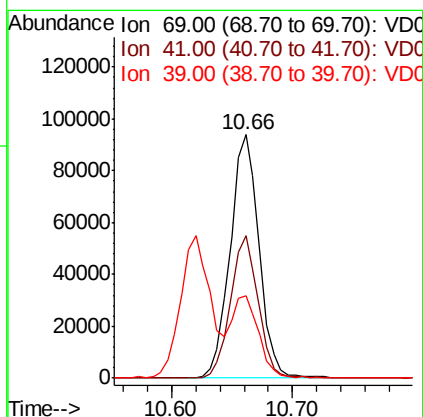
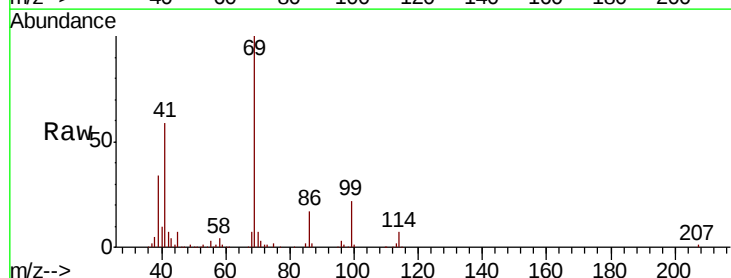
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

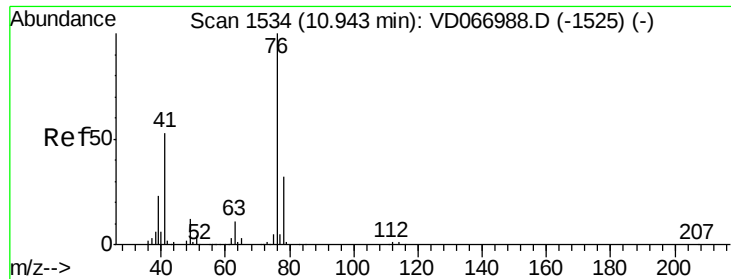
Tot Ion:	97	Resp:	139442
Ion	Ratio	Lower	Upper
97	100		
83	81.9	62.4	93.6
85	48.6	41.0	61.4
99	62.6	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 55.841 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion:	69	Resp:	155848
Ion	Ratio	Lower	Upper
69	100		
41	56.9	46.4	69.6
39	31.7	23.8	35.6





#57

1,3-Dichloropropane

Concen: 52.719 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

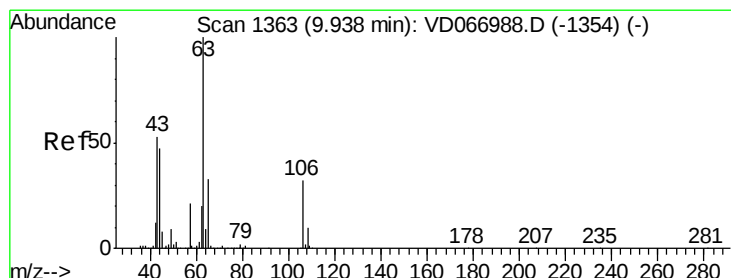
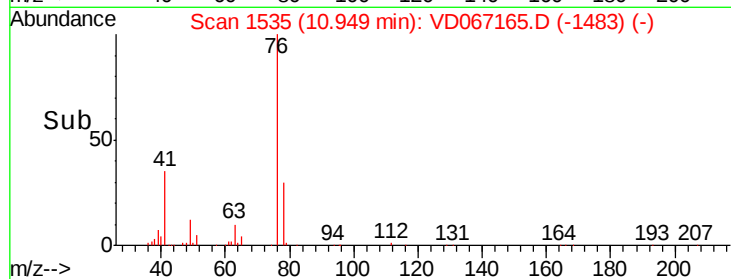
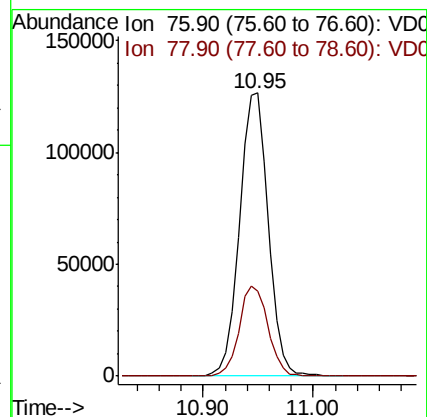
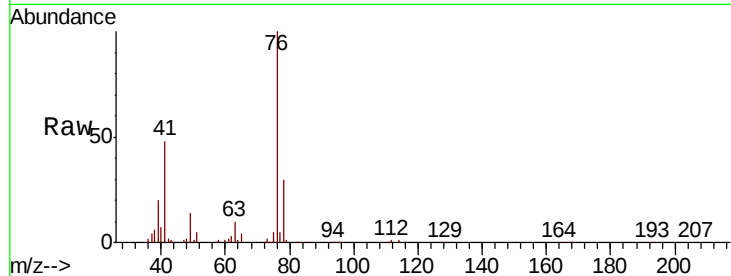
VSTDCCC050

Tot Ion: 76 Resp: 231101

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.800 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067165.D

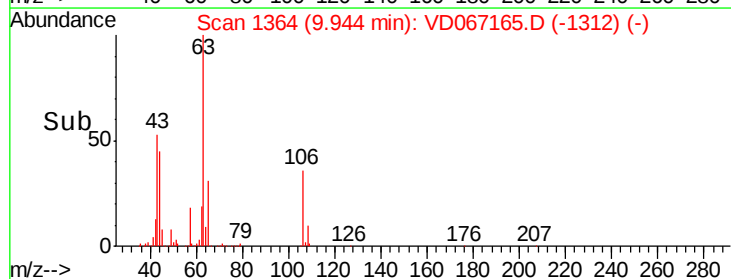
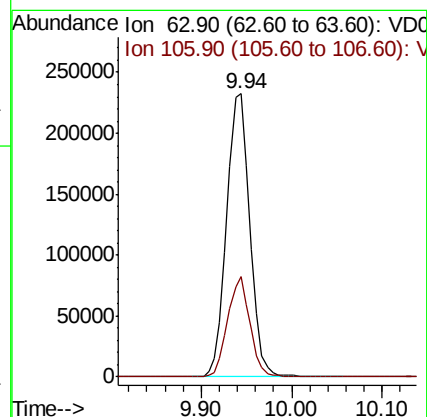
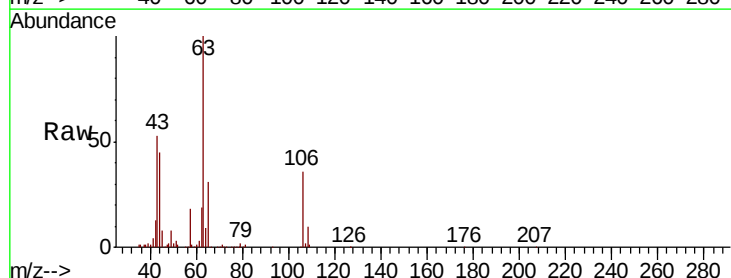
Acq: 07 Oct 2020 21:57

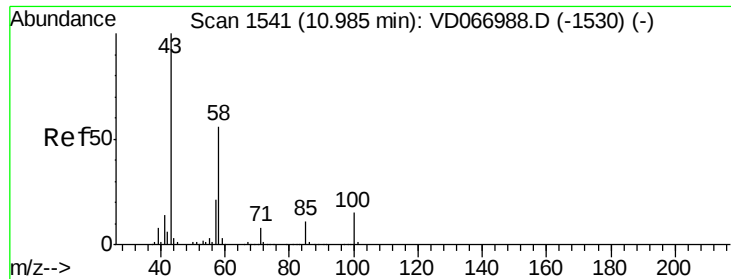
Tgt Ion: 63 Resp: 412892

Ion Ratio Lower Upper

63 100

106 34.0 25.3 37.9

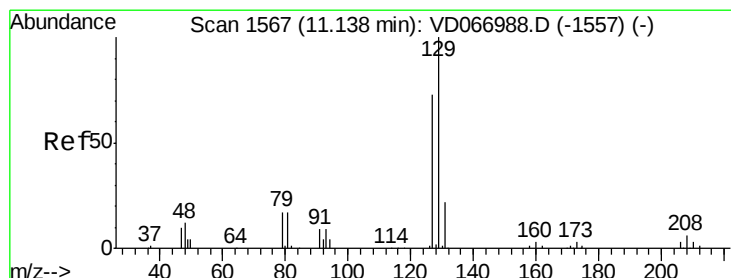
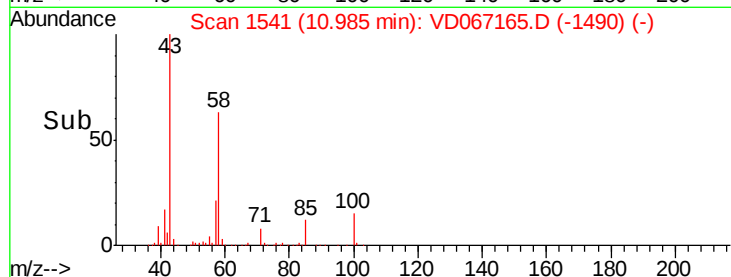
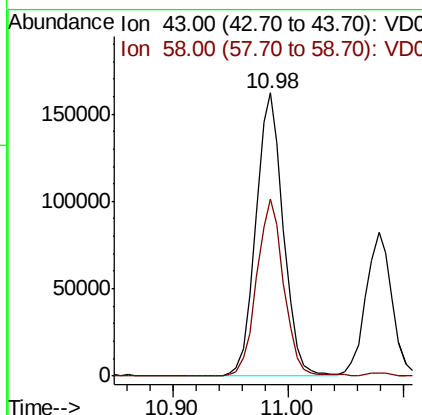
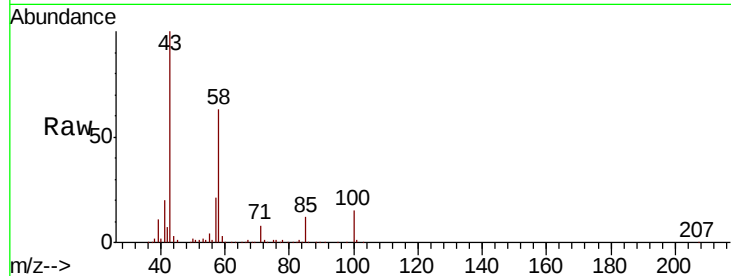




#59
2-Hexanone
Concen: 243.598 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

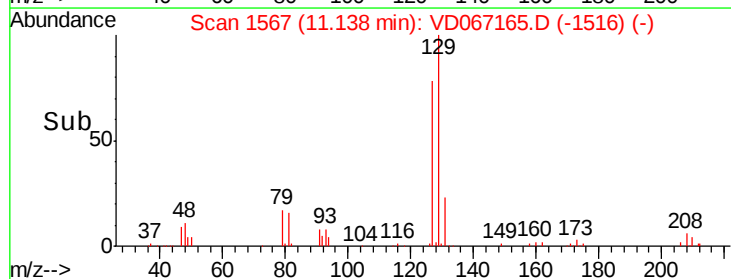
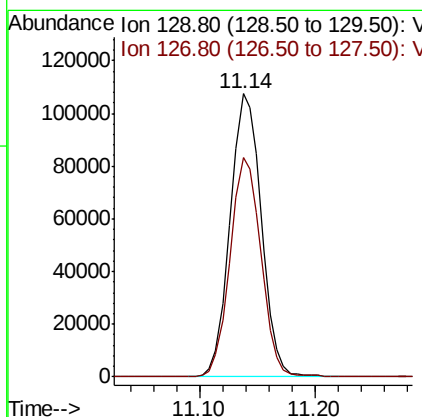
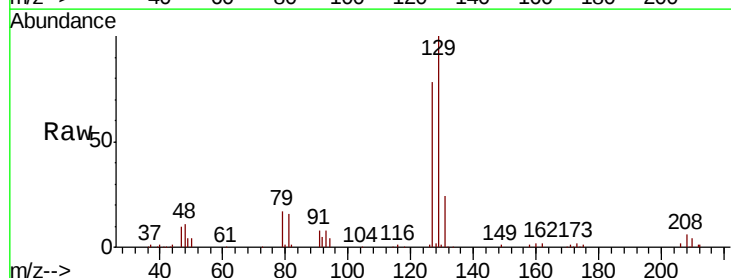
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

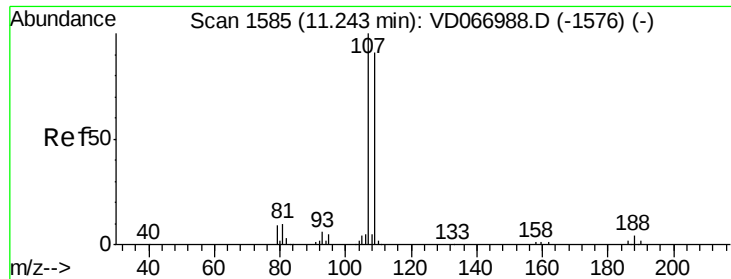
Tot Ion: 43 Resp: 267912
Ion Ratio Lower Upper
43 100
58 61.9 28.3 84.9



#60
Dibromochloromethane
Concen: 55.838 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 129 Resp: 201183
Ion Ratio Lower Upper
129 100
127 76.6 37.4 112.1

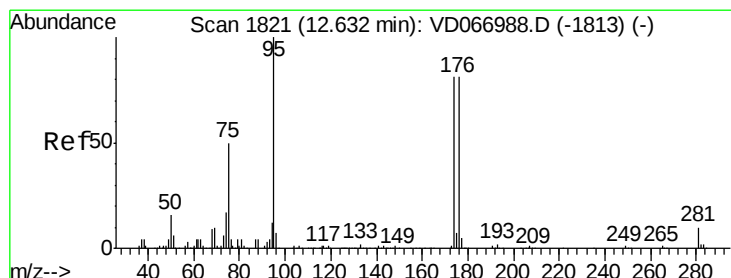
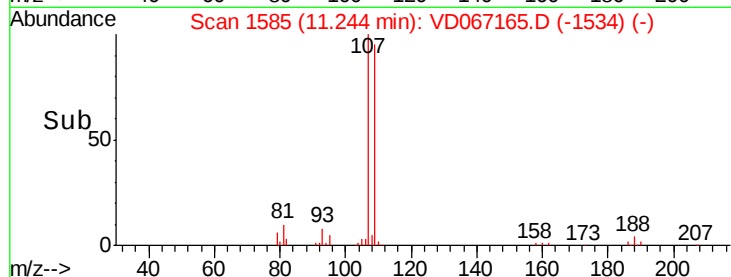
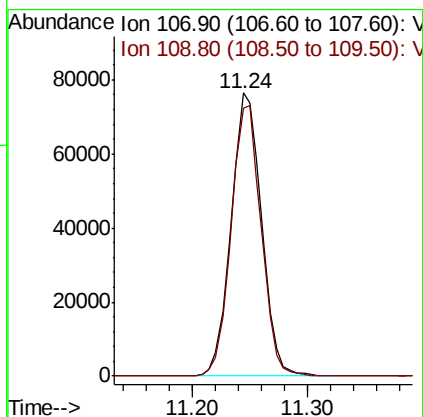
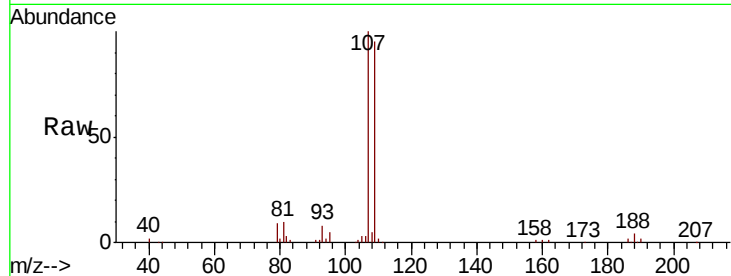




#61
 1,2-Dibromoethane
 Concen: 53.595 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

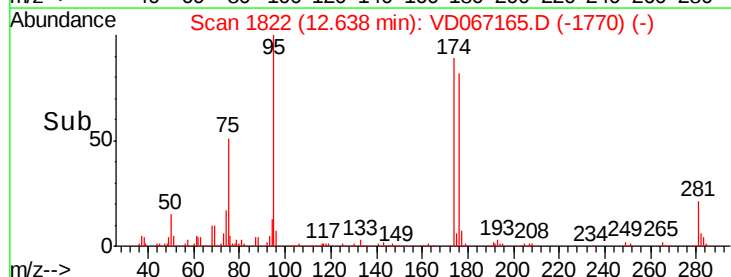
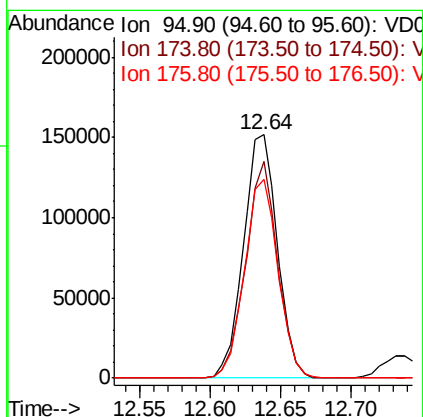
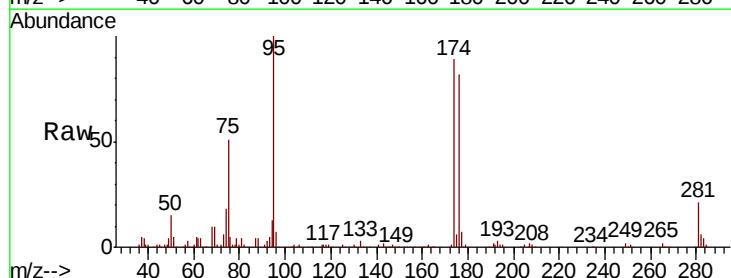
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

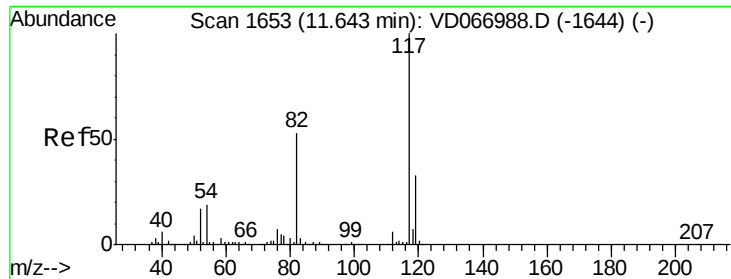
Tot Ion:107 Resp: 139189
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 56.629 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion: 95 Resp: 255040
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 167.6
 176 81.1 0.0 162.4

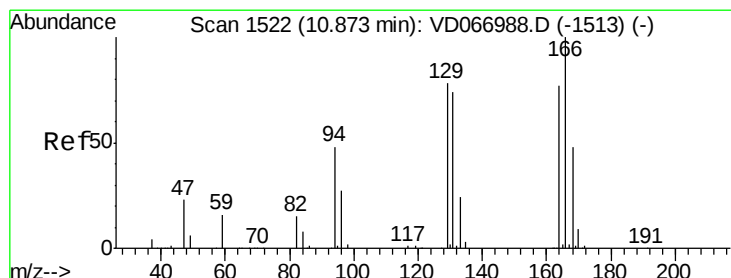
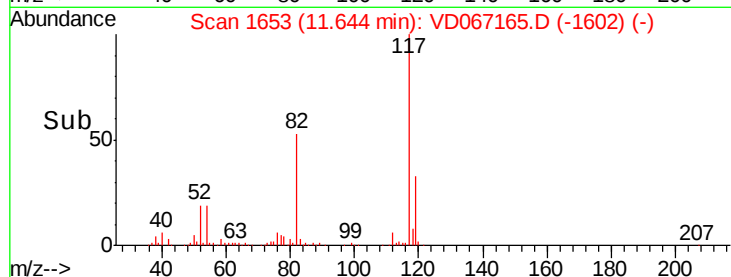
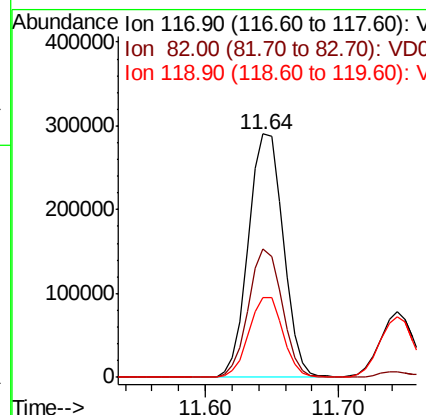
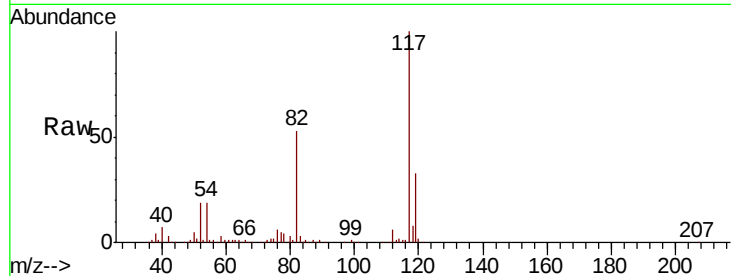




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

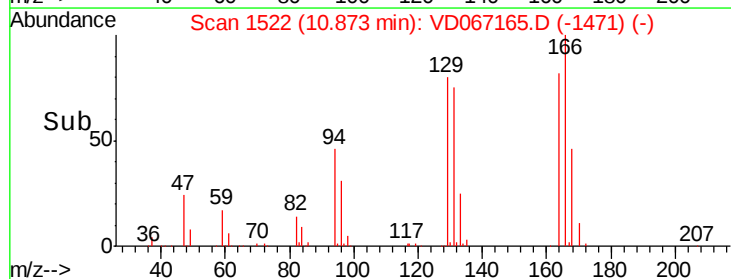
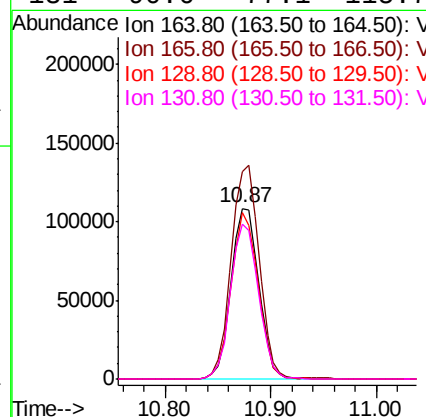
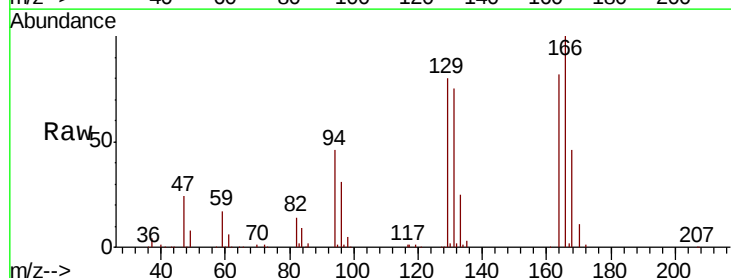
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

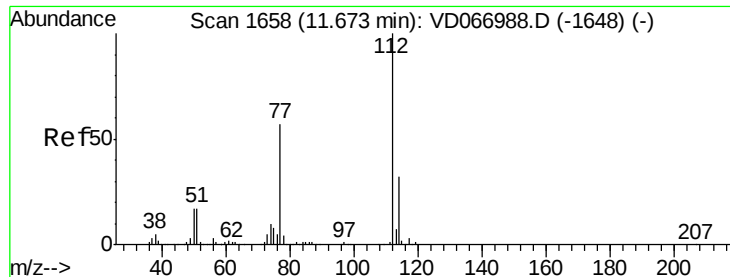
Tot Ion:117 Resp: 524959
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 51.837 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion:164 Resp: 197835
Ion Ratio Lower Upper
164 100
166 121.2 104.4 156.6
129 97.1 81.3 121.9
131 90.6 77.1 115.7

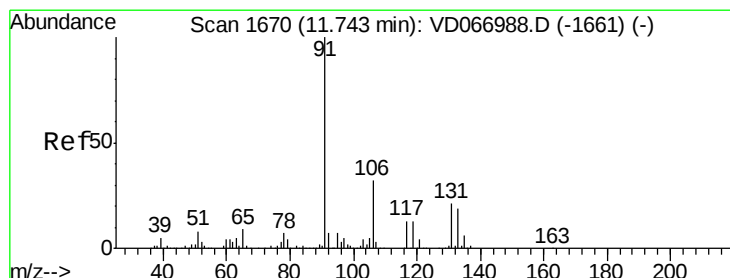
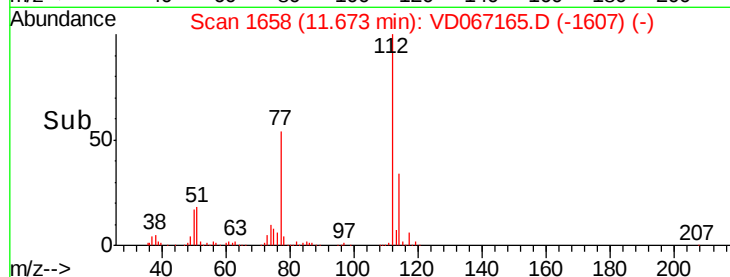
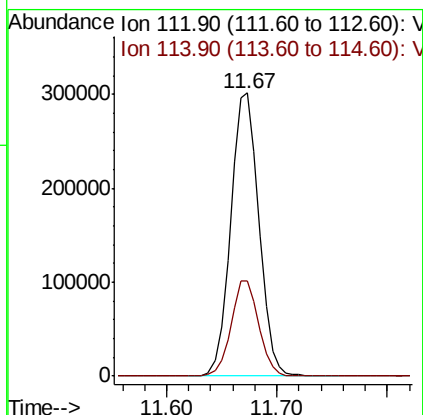
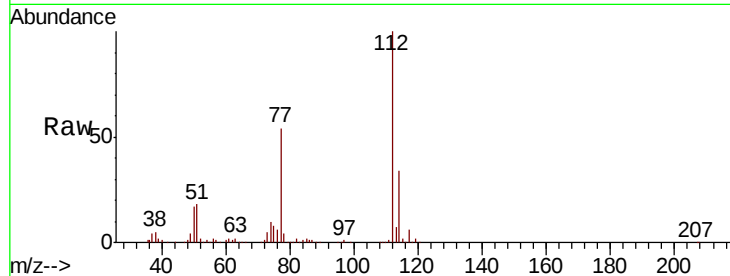




#65
Chlorobenzene
Concen: 51.759 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

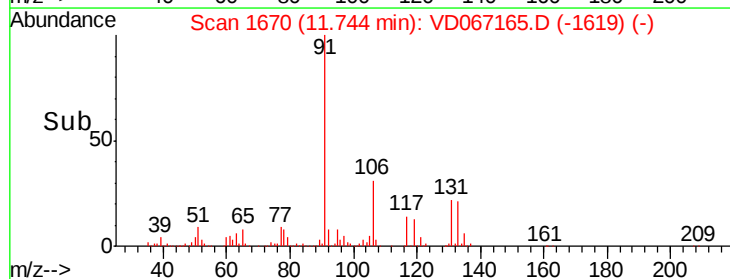
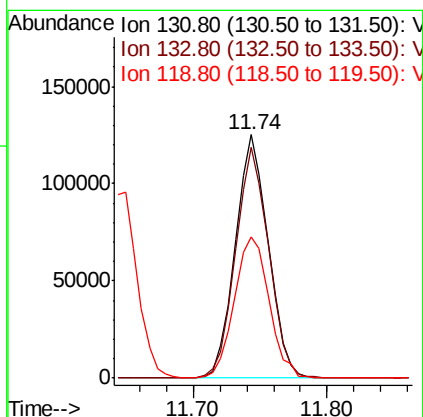
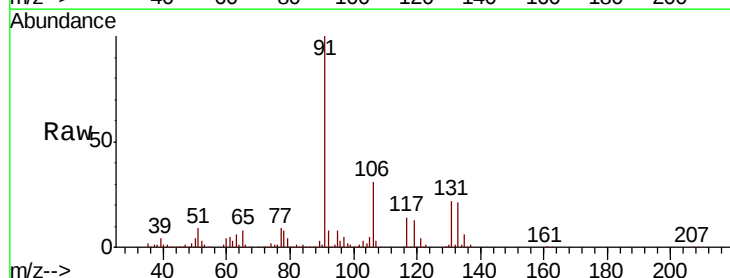
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

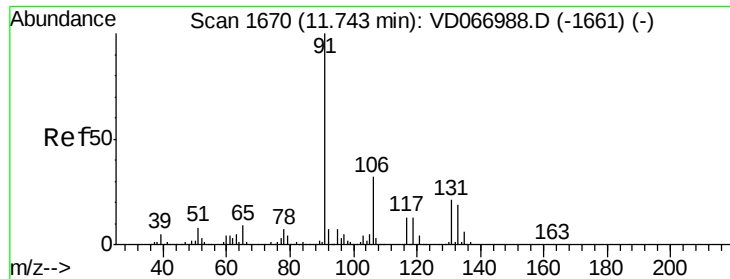
Tot Ion:112 Resp: 540404
Ion Ratio Lower Upper
112 100
114 33.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.870 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion:131 Resp: 213944
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 61.3 32.3 96.8

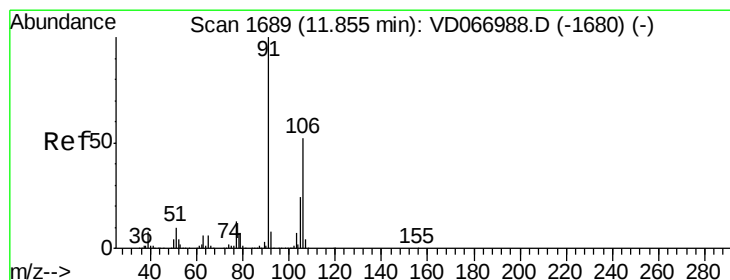
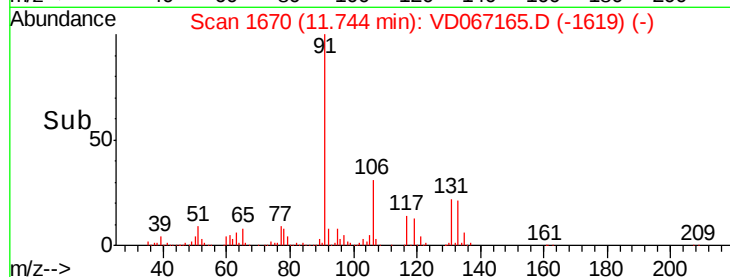
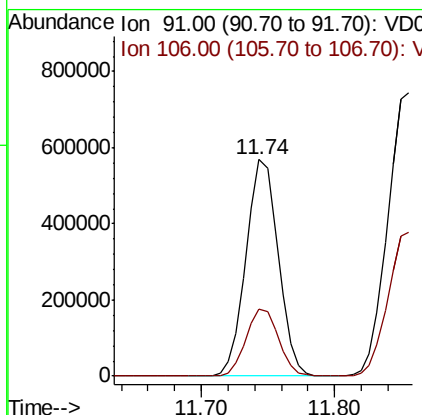
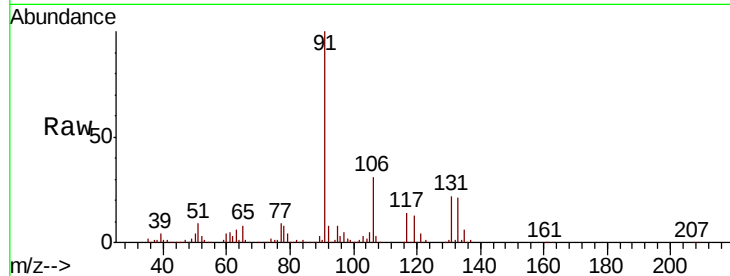




#67
Ethyl Benzene
Concen: 53.165 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

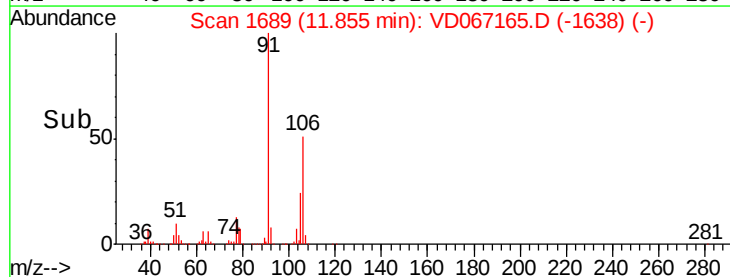
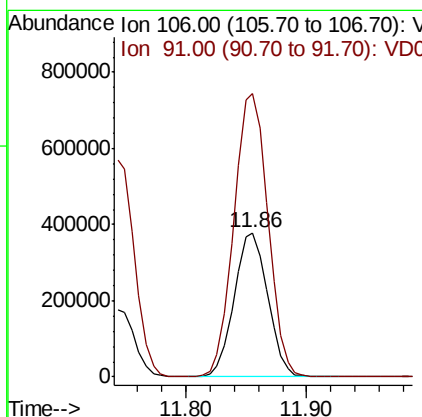
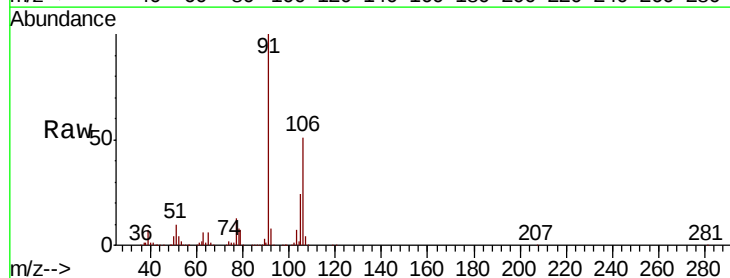
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

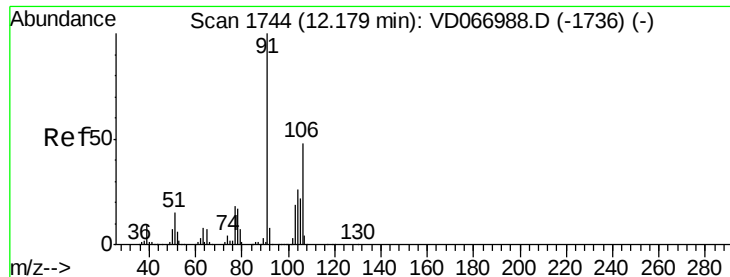
Tot Ion: 91 Resp: 951079
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2



#68
m/p-Xylenes
Concen: 105.343 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion: 106 Resp: 734418
Ion Ratio Lower Upper
106 100
91 199.9 158.4 237.6

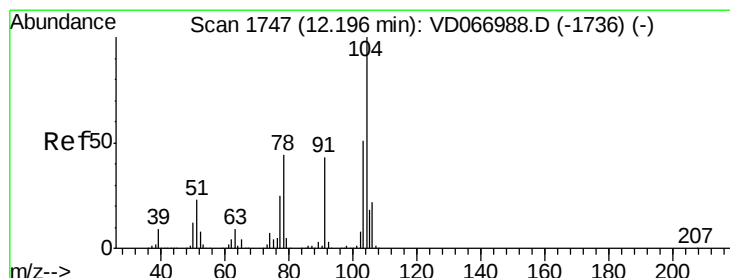
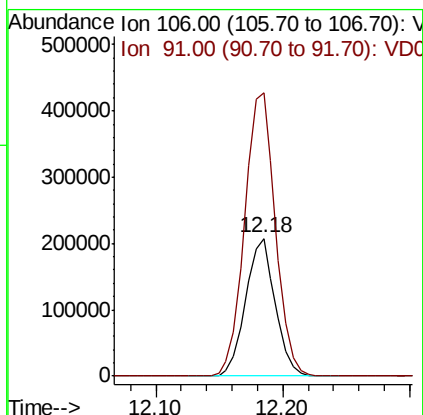
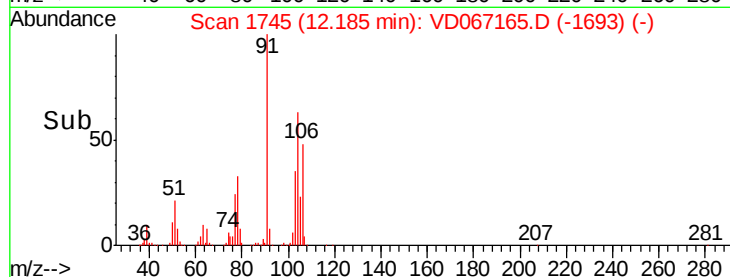
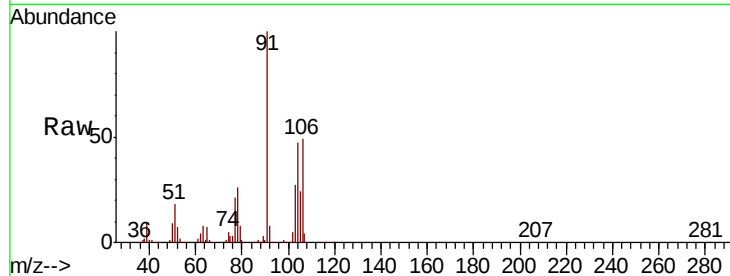




#69
o-Xylene
Concen: 54.035 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

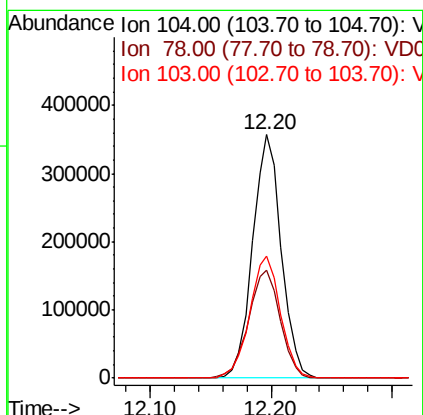
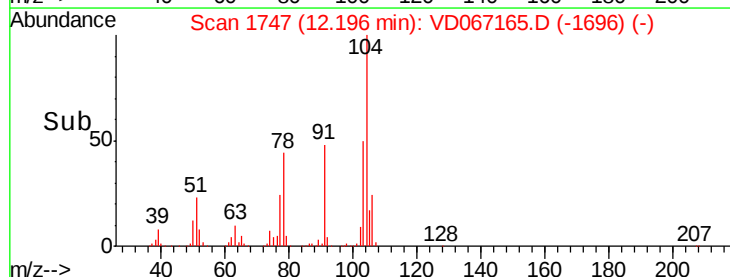
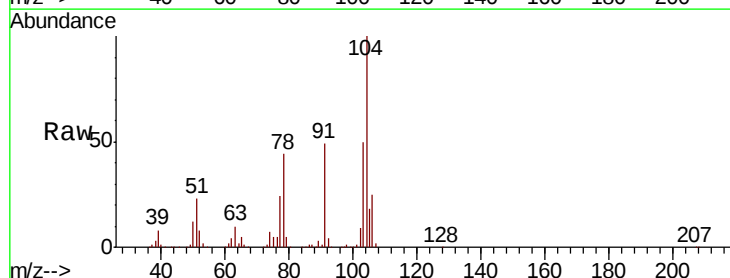
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

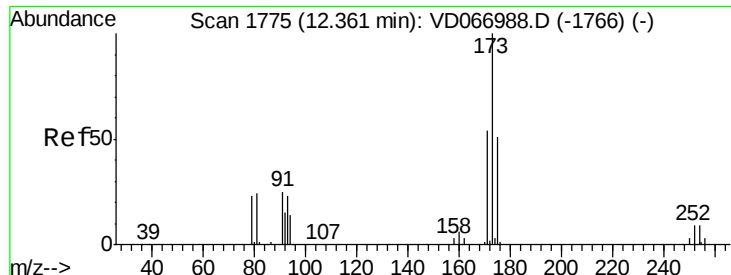
Tot Ion:106 Resp: 336880
Ion Ratio Lower Upper
106 100
91 213.7 102.4 307.2



#70
Styrene
Concen: 54.955 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion:104 Resp: 588323
Ion Ratio Lower Upper
104 100
78 49.1 38.6 58.0
103 53.7 43.4 65.0

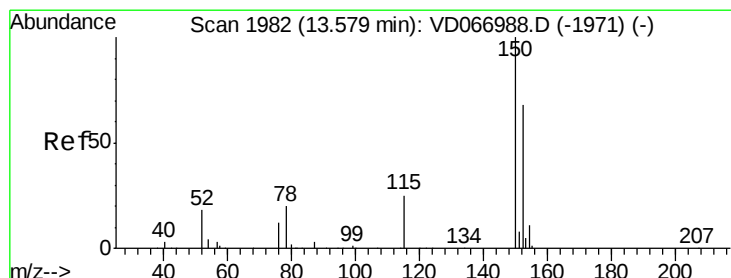
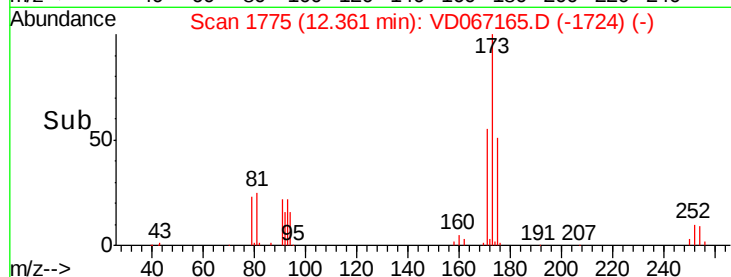
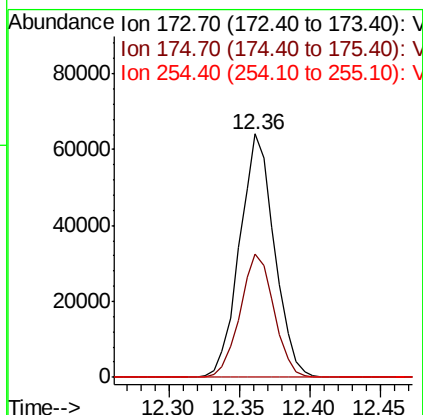
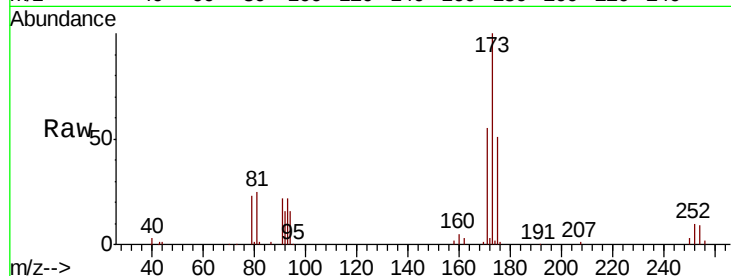




#71
Bromoform
Concen: 53.369 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

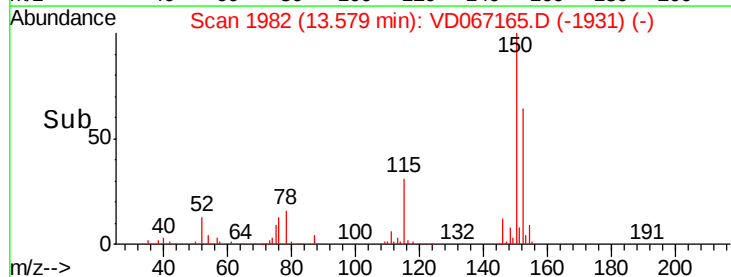
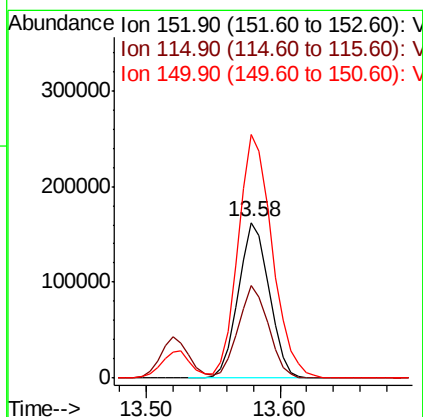
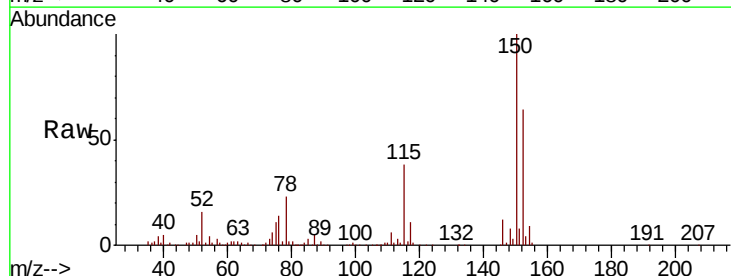
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

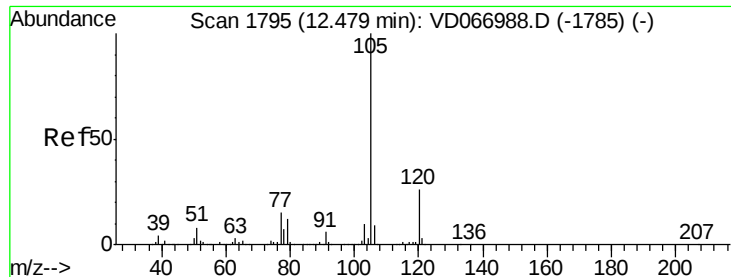
Tot Ion:173 Resp: 110022
Ion Ratio Lower Upper
173 100
175 49.4 24.9 74.7
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion:152 Resp: 259540
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 173.1 0.0 344.8





#73

Isopropylbenzene

Concen: 52.910 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

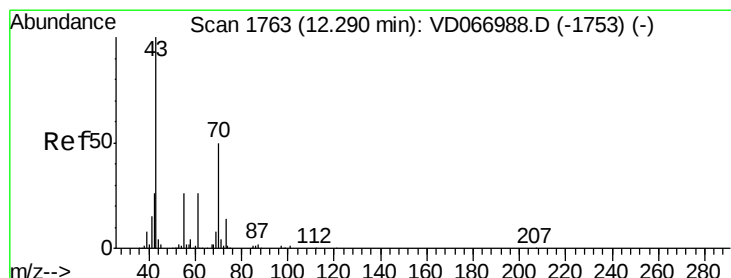
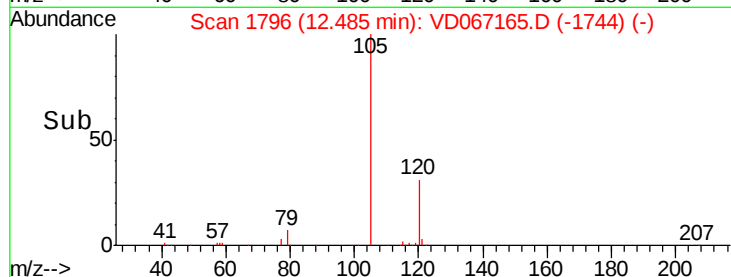
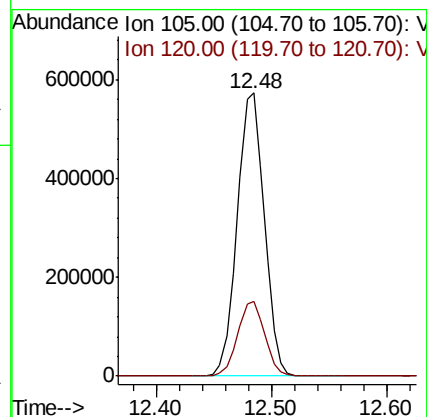
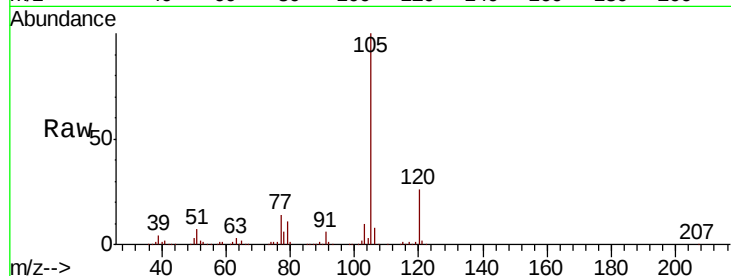
VSTDCCC050

Tot Ion:105 Resp: 932433

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 46.154 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Tgt Ion: 43 Resp: 146218

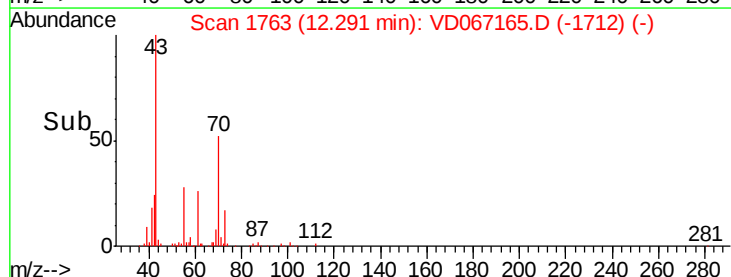
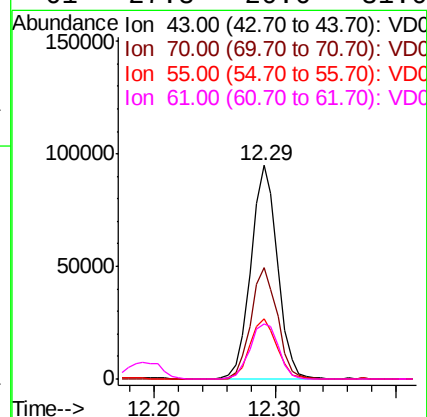
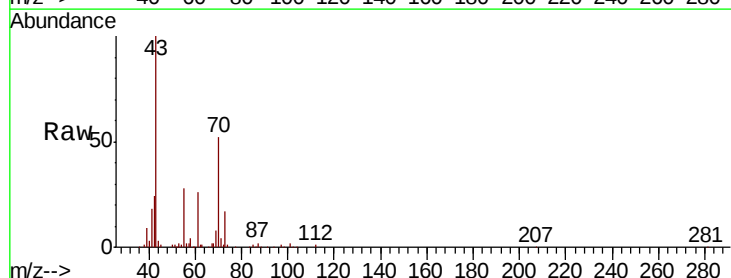
Ion Ratio Lower Upper

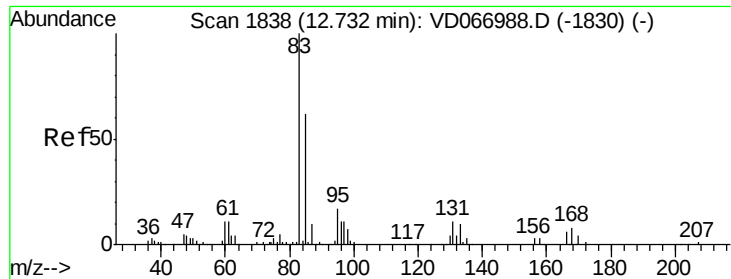
43 100

70 51.6 38.2 57.2

55 28.8 22.4 33.6

61 27.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.420 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

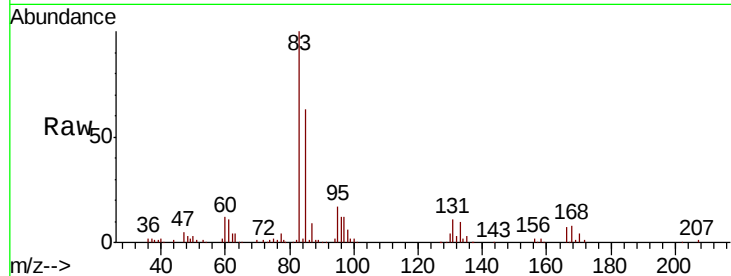
Tot Ion: 83 Resp: 140803

Ion Ratio Lower Upper

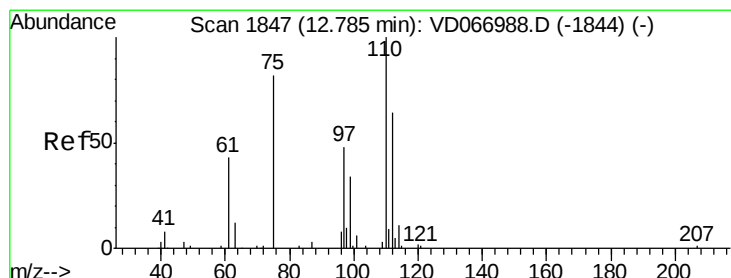
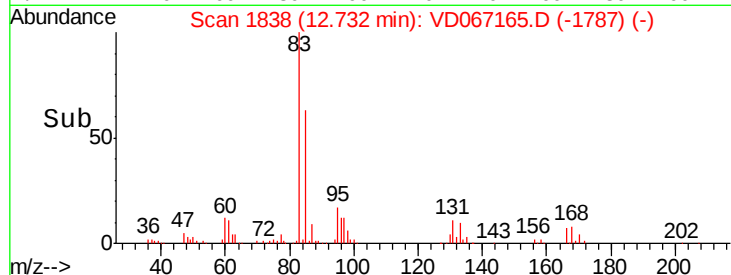
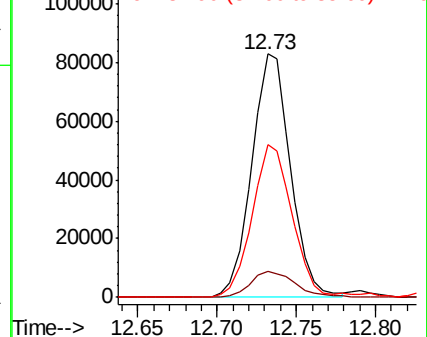
83 100

131 12.3 5.7 17.0

85 64.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 81.437 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067165.D

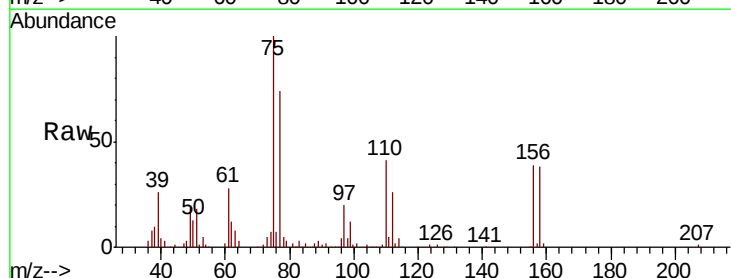
Acq: 07 Oct 2020 21:57

Tgt Ion: 75 Resp: 184102

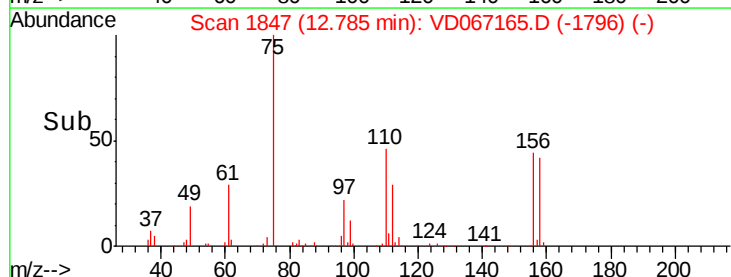
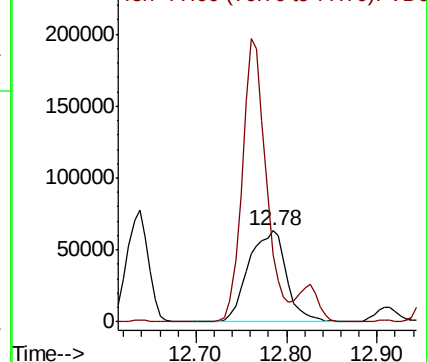
Ion Ratio Lower Upper

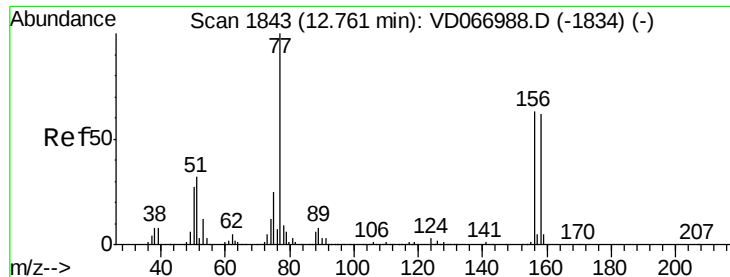
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.022 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

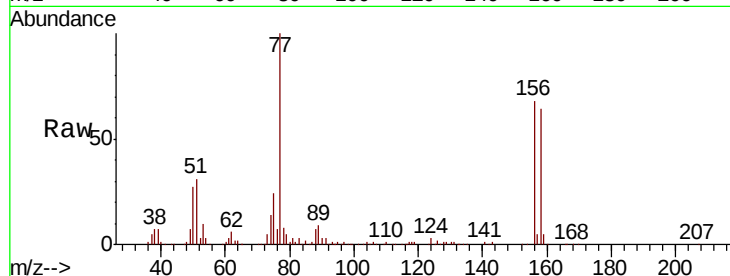
Tot Ion:156 Resp: 225627

Ion Ratio Lower Upper

156 100

77 160.0 86.3 258.8

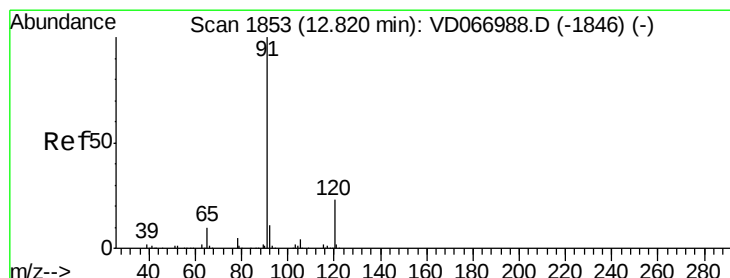
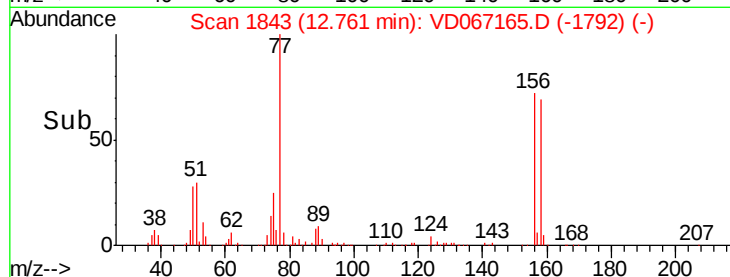
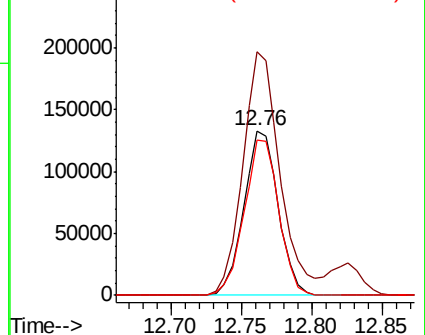
158 95.6 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.364 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067165.D

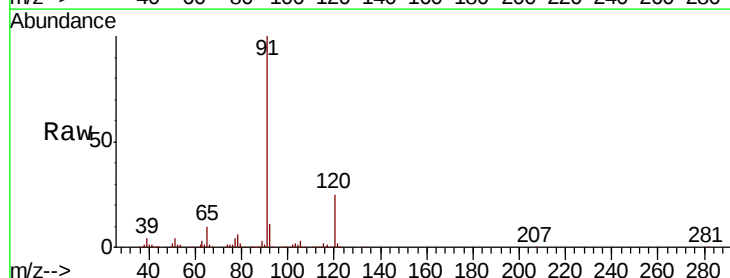
Acq: 07 Oct 2020 21:57

Tgt Ion: 91 Resp: 1069776

Ion Ratio Lower Upper

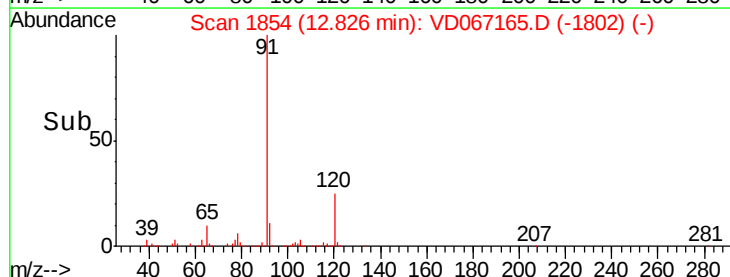
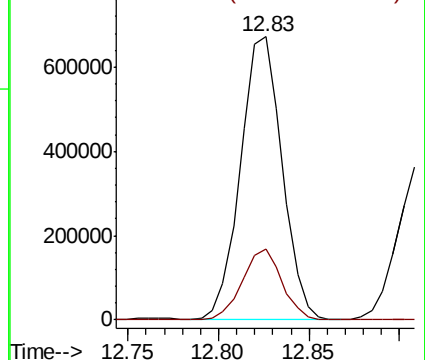
91 100

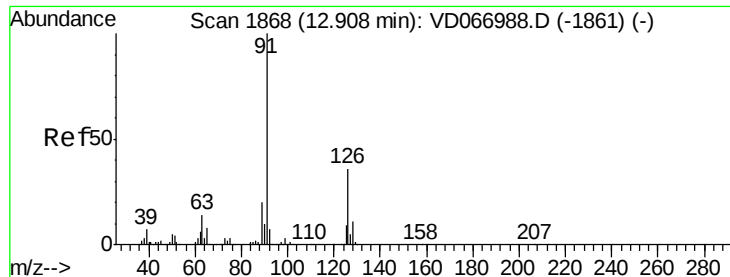
120 23.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

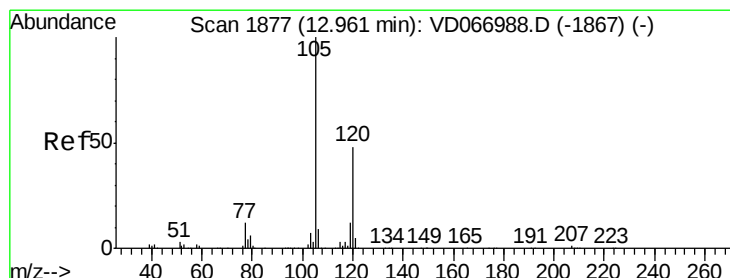
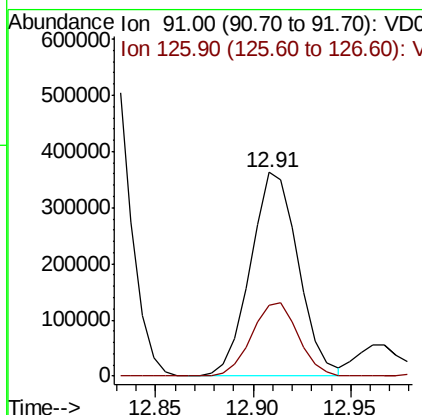
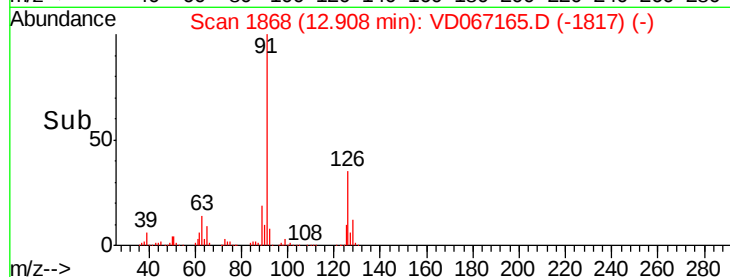
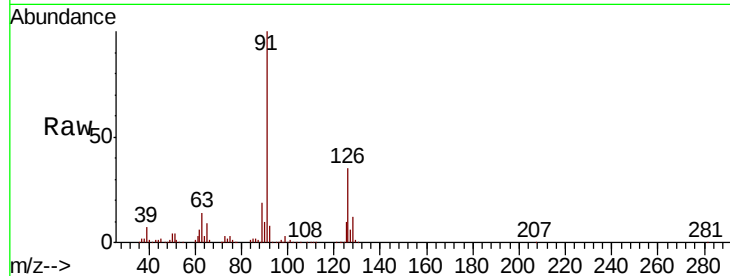




#79
 2-Chlorotoluene
 Concen: 51.607 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

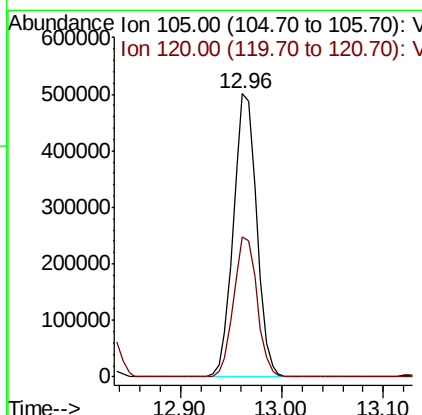
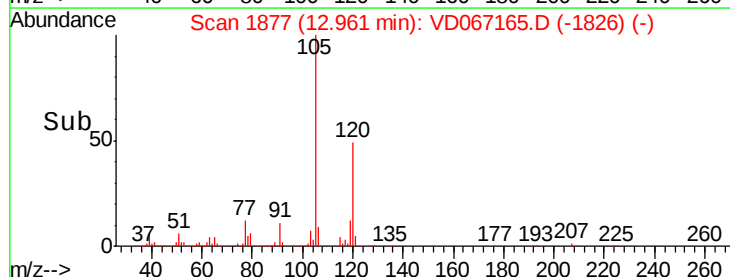
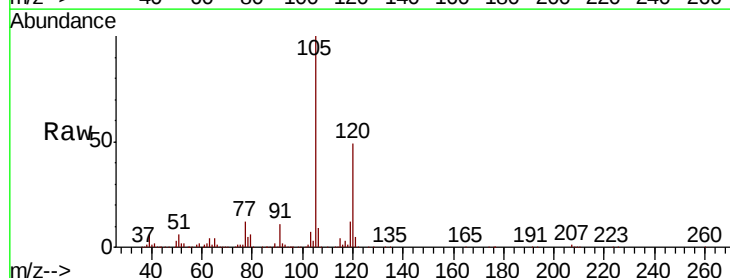
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

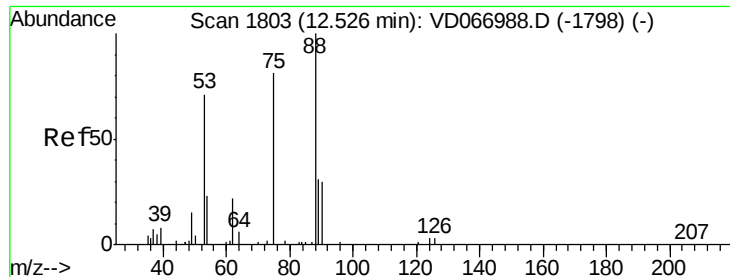
Tot Ion: 91 Resp: 614966
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.661 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion: 105 Resp: 798983
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.460 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

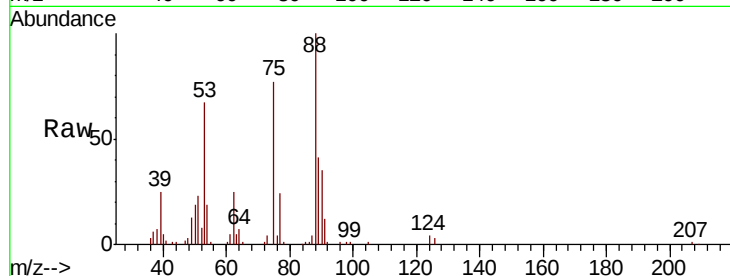
Tot Ion: 75 Resp: 44849

Ion Ratio Lower Upper

75 100

53 86.4 73.8 110.6

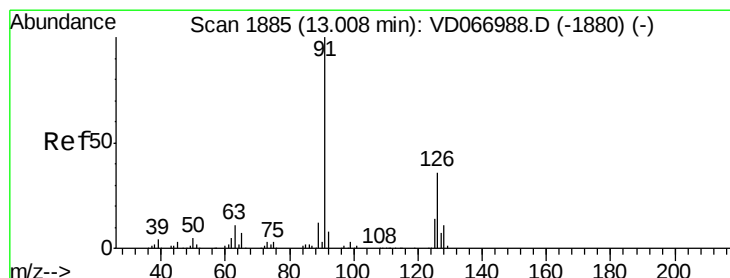
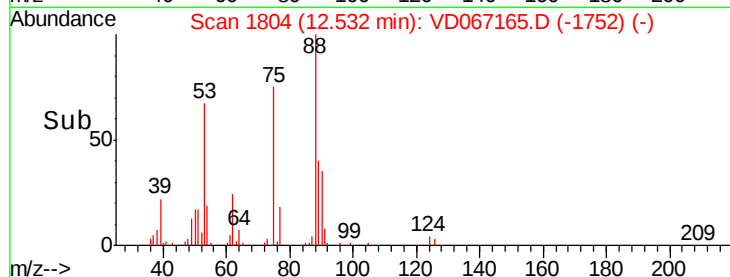
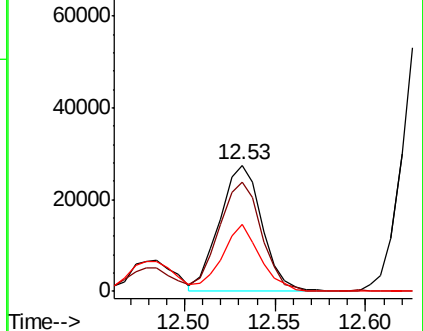
89 47.6 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.692 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067165.D

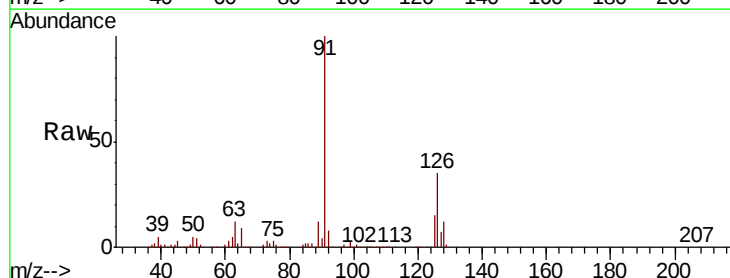
Acq: 07 Oct 2020 21:57

Tgt Ion: 91 Resp: 655366

Ion Ratio Lower Upper

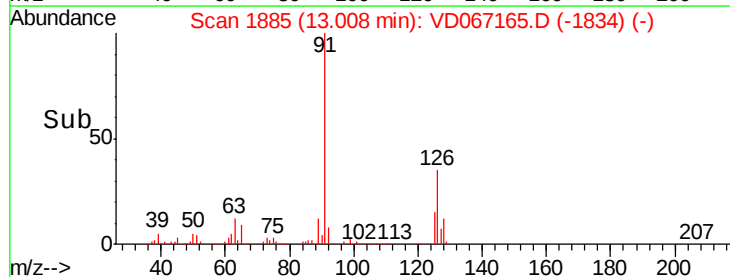
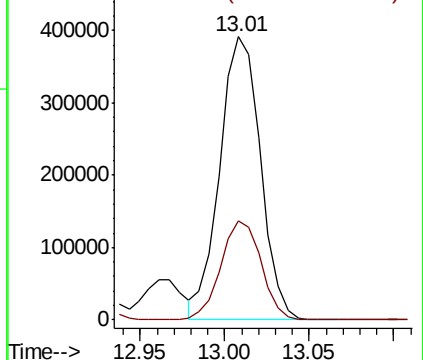
91 100

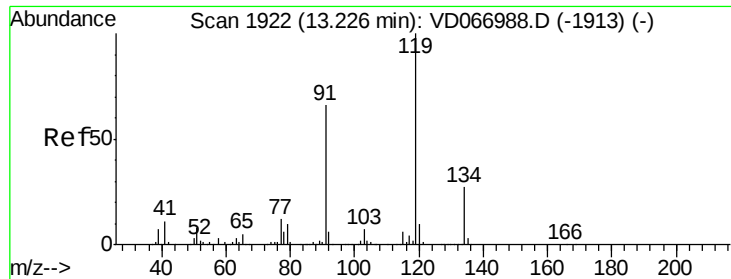
126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

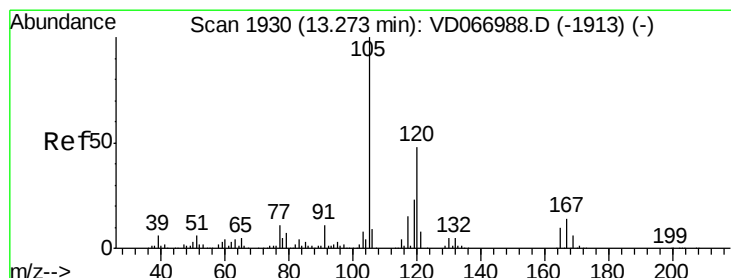
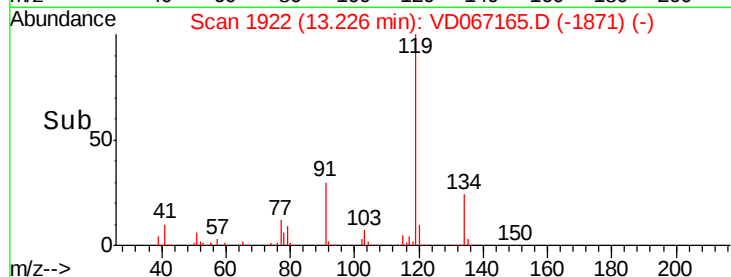
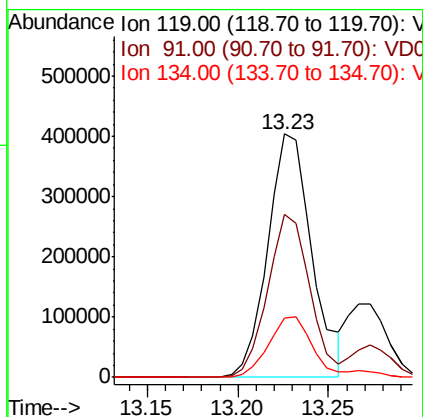
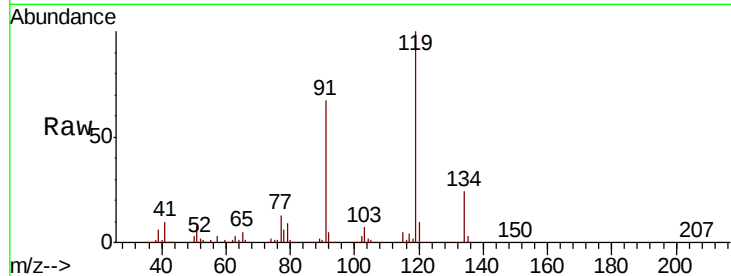




#83
tert-Butylbenzene
Concen: 54.779 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

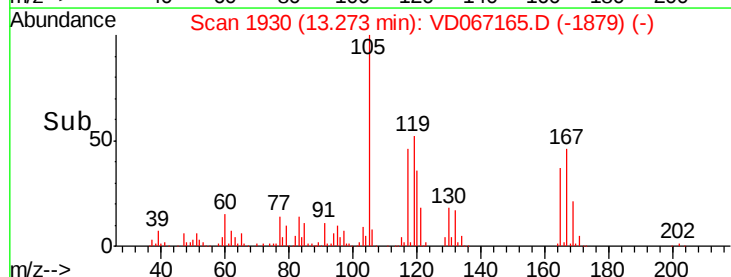
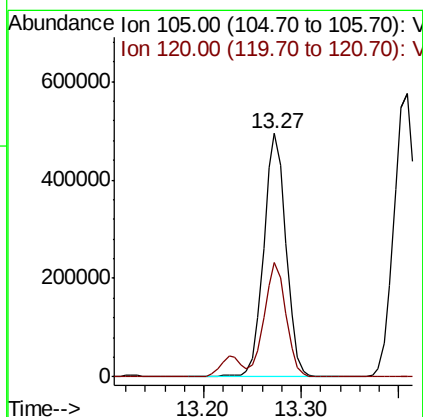
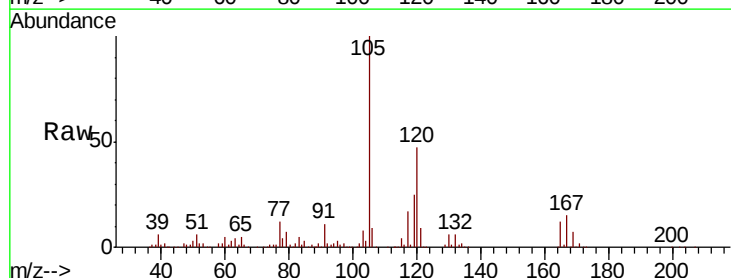
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

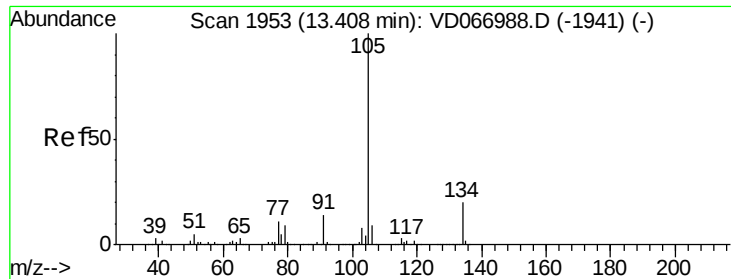
Tot Ion:119 Resp: 686838
Ion Ratio Lower Upper
119 100
91 63.9 32.8 98.3
134 26.4 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 53.323 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion:105 Resp: 792340
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 52.076 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

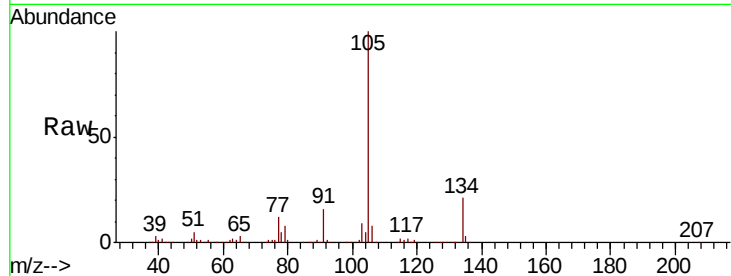
VSTDCCC050

Tot Ion:105 Resp: 919524

Ion Ratio Lower Upper

105 100

134 21.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

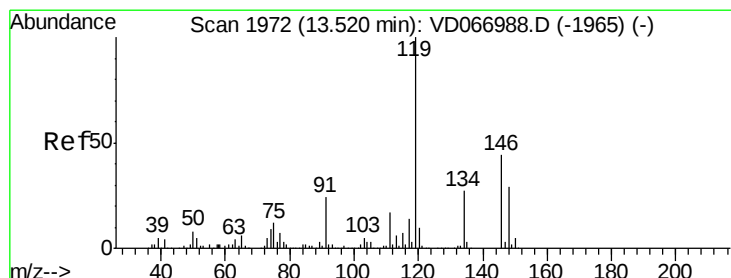
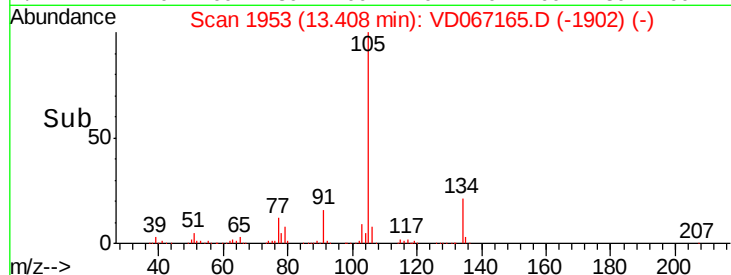
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.902 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

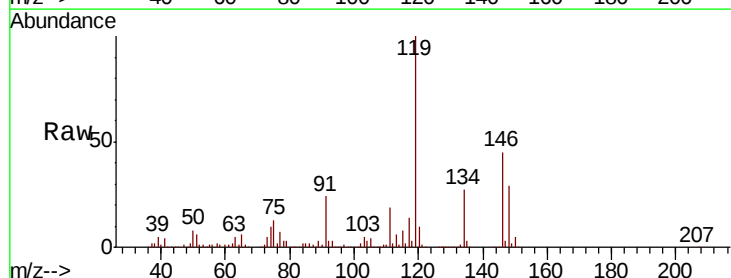
Tgt Ion:119 Resp: 849644

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.1

91 24.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

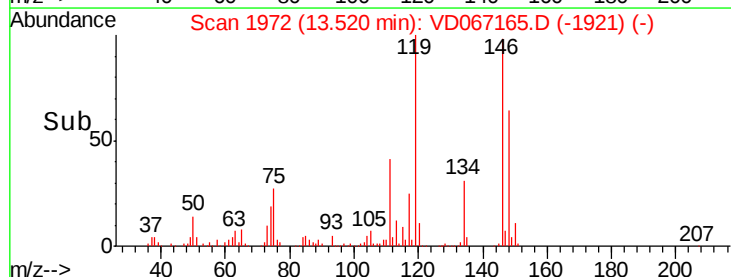
600000

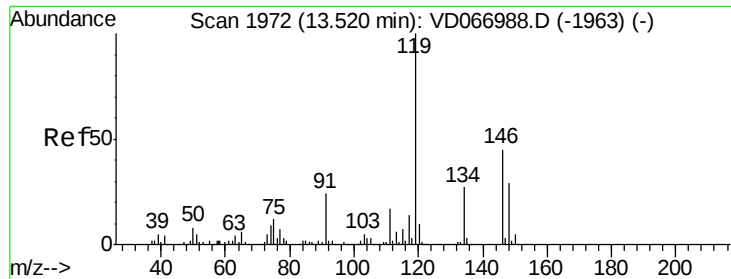
400000

200000

0

Time-->

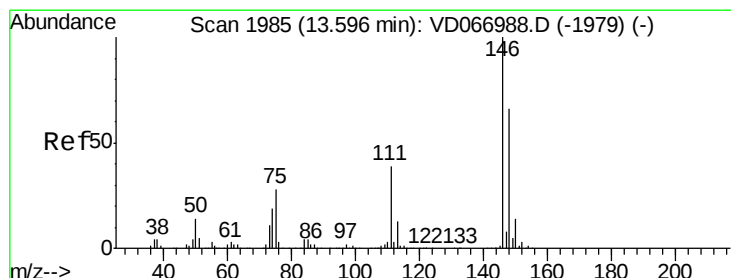
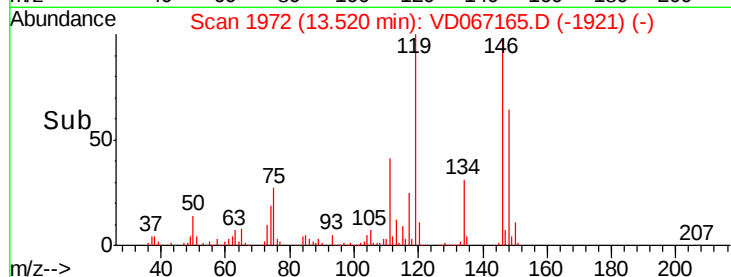
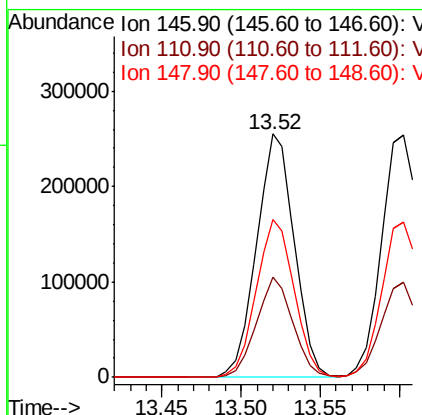
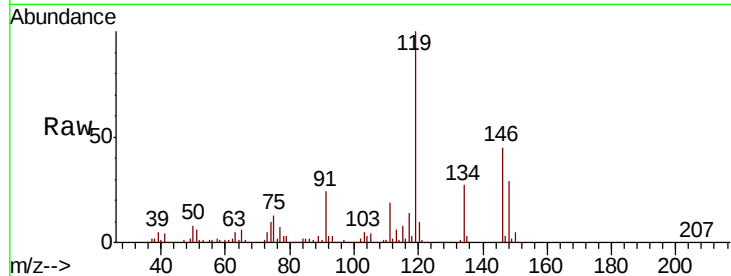




#87
 1,3-Dichlorobenzene
 Concen: 51.028 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

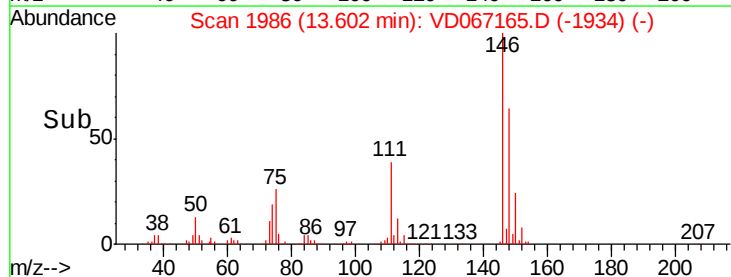
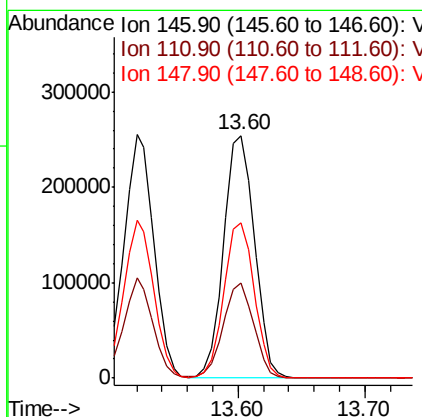
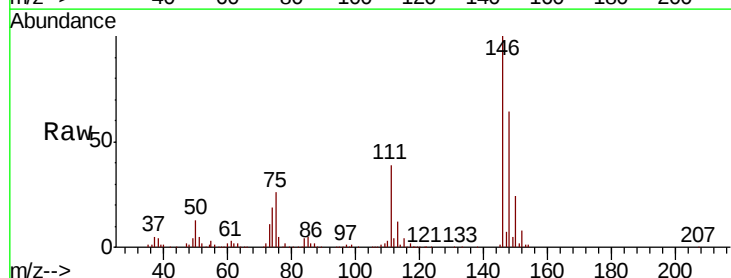
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

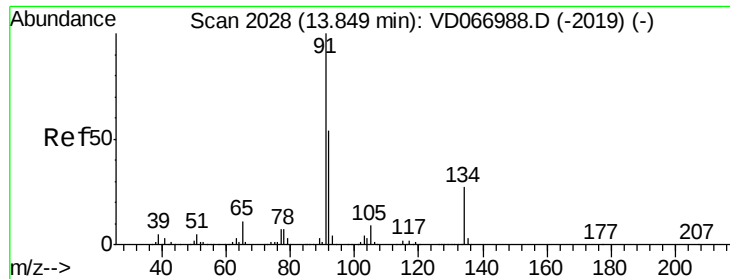
Tot Ion:146 Resp: 422956
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 64.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.730 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion:146 Resp: 428726
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.7
 148 63.1 32.6 97.7





#89

n-Butylbenzene

Concen: 51.007 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067165.D

Acq: 07 Oct 2020 21:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

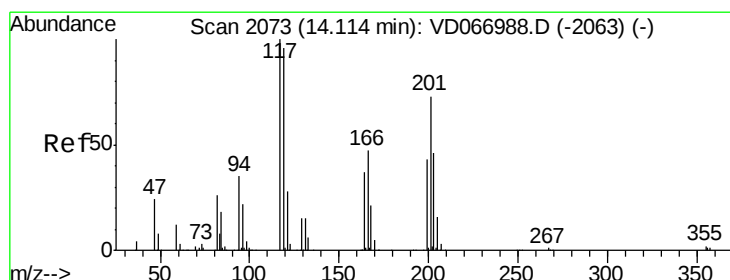
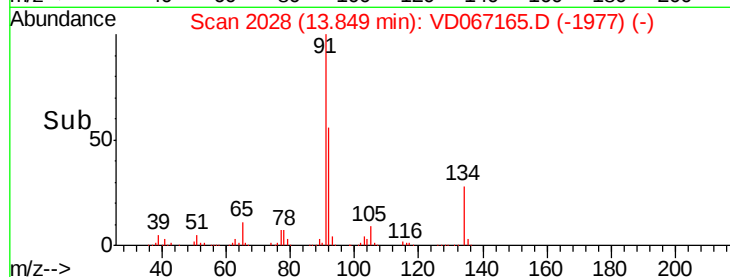
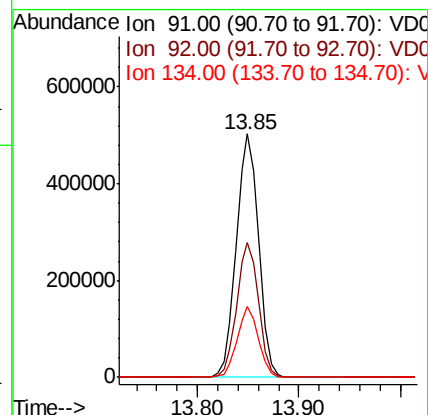
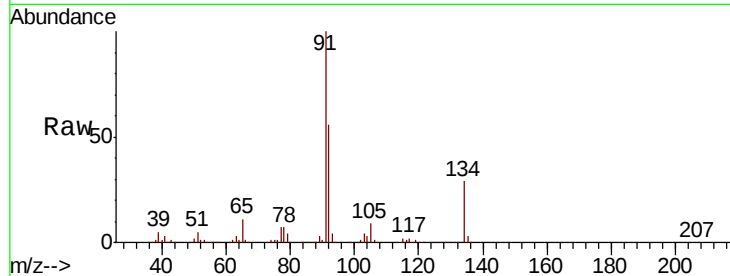
Tot Ion: 91 Resp: 763114

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 27.7 13.6 40.8



#90

Hexachloroethane

Concen: 51.072 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067165.D

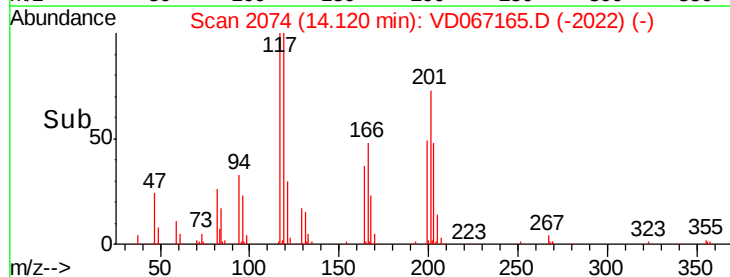
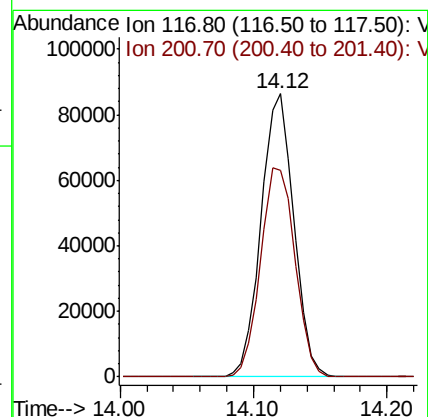
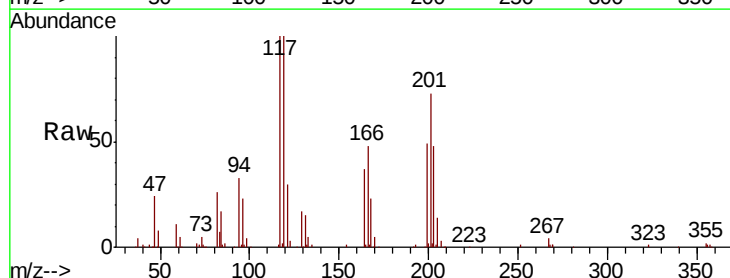
Acq: 07 Oct 2020 21:57

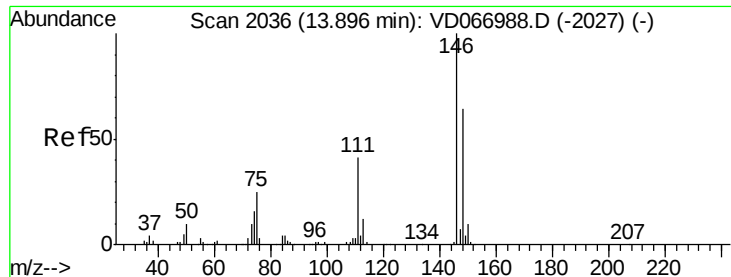
Tgt Ion: 117 Resp: 146449

Ion Ratio Lower Upper

117 100

201 77.9 37.0 110.9

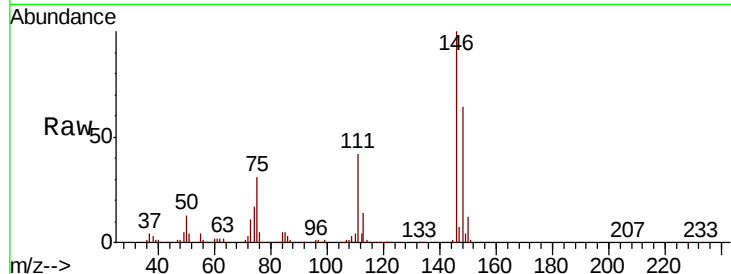




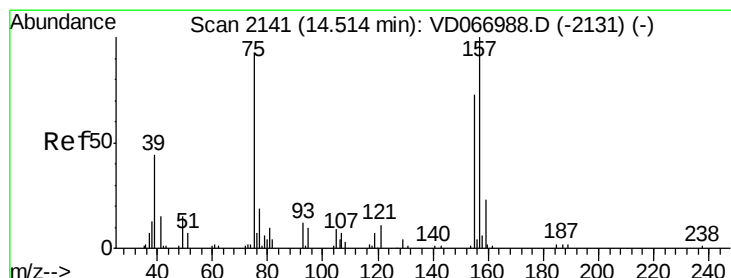
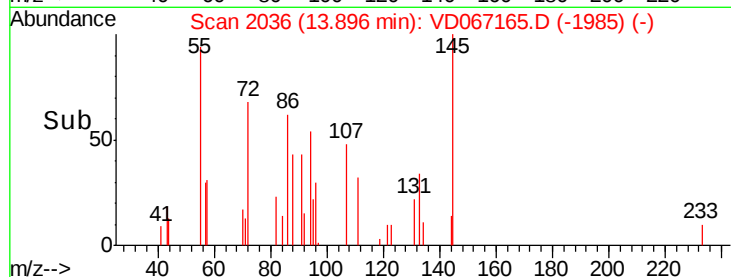
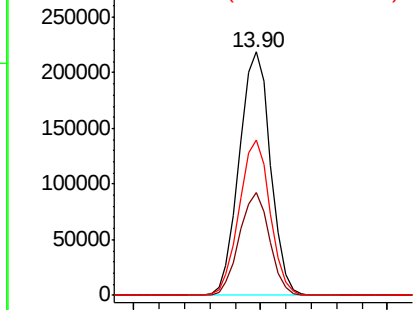
#91
 1,2-Dichlorobenzene
 Concen: 51.557 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 373211
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.7
 148 63.2 32.3 96.9

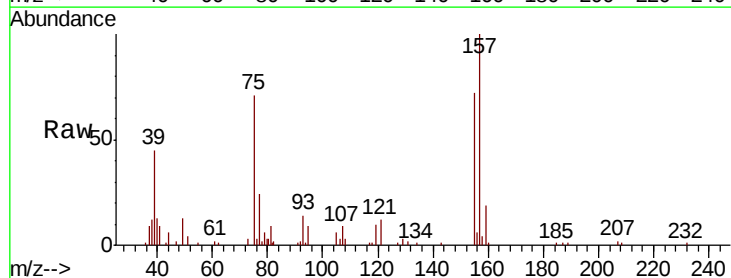


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

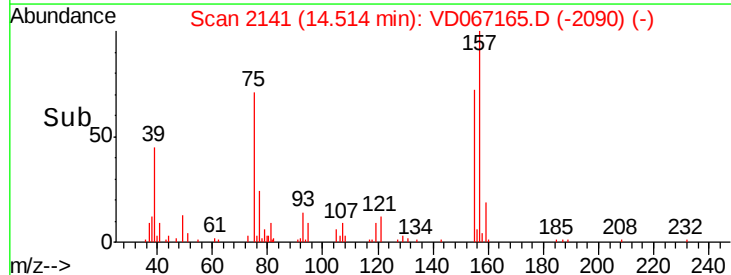
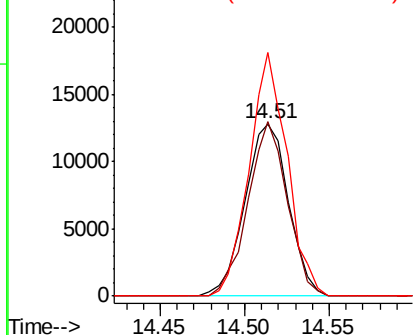


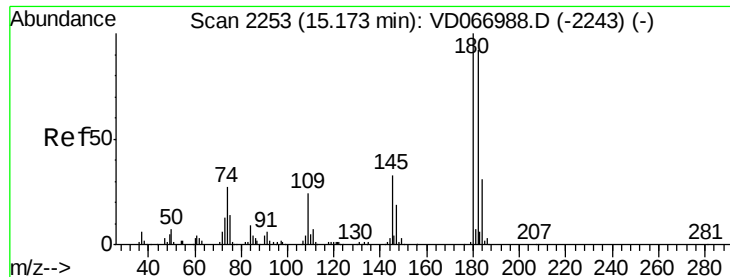
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.865 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion: 75 Resp: 22910
 Ion Ratio Lower Upper
 75 100
 155 91.9 45.2 135.6
 157 123.3 56.3 168.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

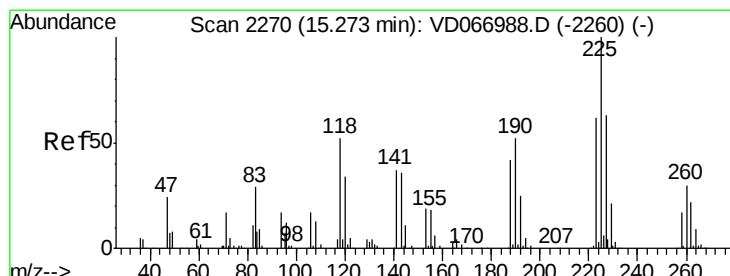
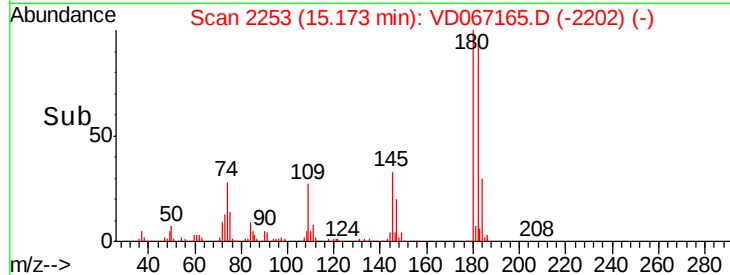
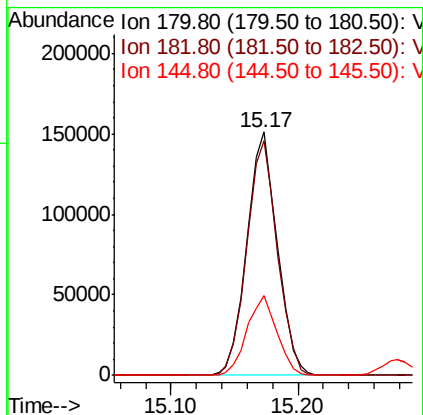
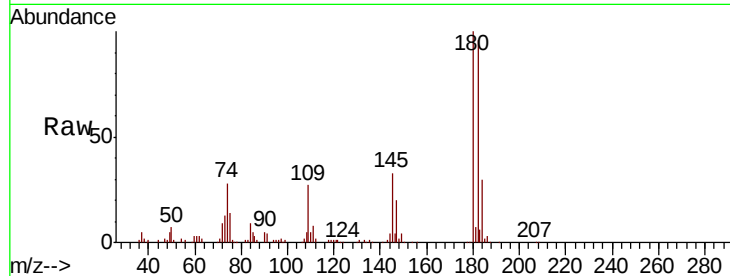




#93
 1,2,4-Trichlorobenzene
 Concen: 53.995 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

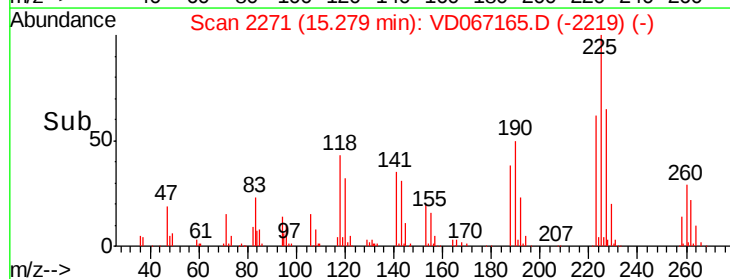
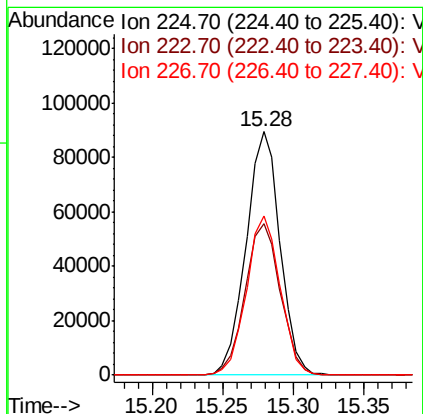
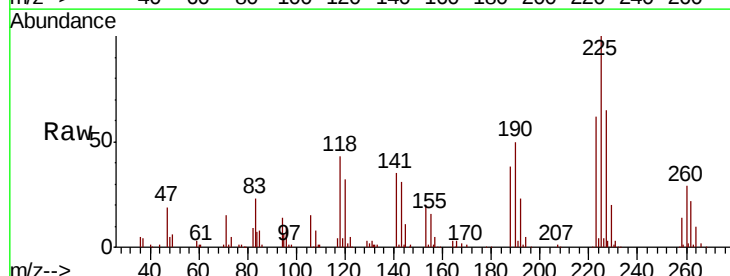
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

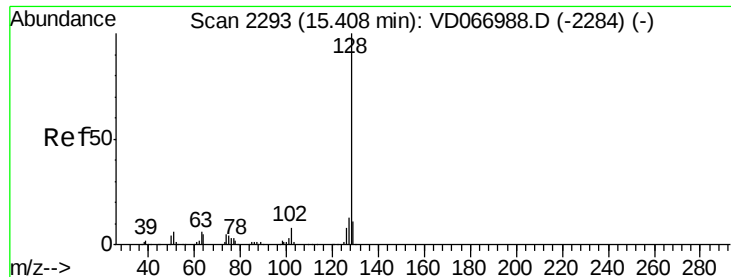
Tot Ion	180	Resp	252818
Ion Ratio	100		
Lower	47.3		
Upper	142.0		
182	96.6		
145	32.1		
	16.4		
	49.1		



#94
 Hexachlorobutadiene
 Concen: 52.494 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067165.D
 Acq: 07 Oct 2020 21:57

Tgt Ion	225	Resp	150951
Ion Ratio	100		
Lower	32.4		
Upper	97.0		
223	64.7		
227	65.1		
	31.6		
	95.0		

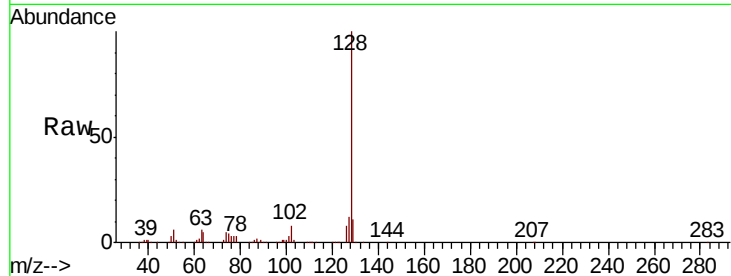




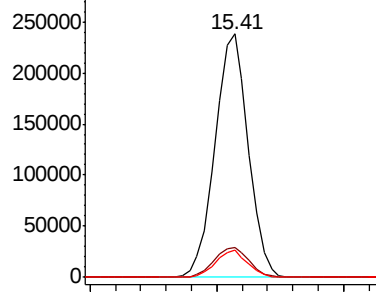
#95
Naphthalene
Concen: 55.552 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

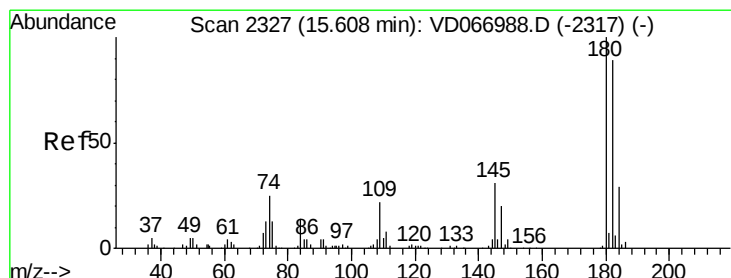
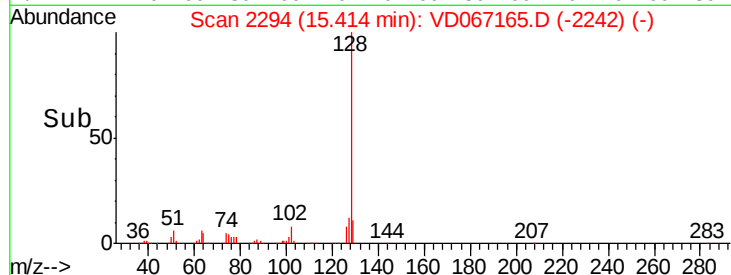
Tot Ion:128 Resp: 433852
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.6 13.0



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

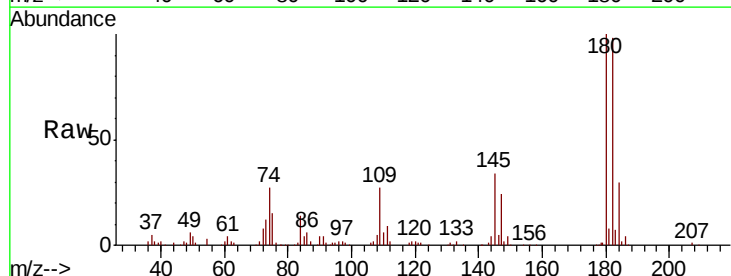


Time--> 15.30 15.40 15.50

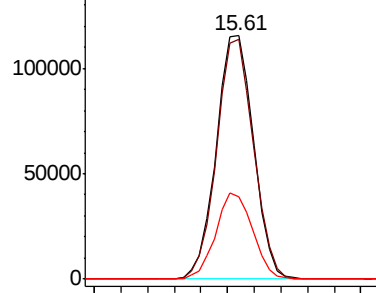


#96
1,2,3-Trichlorobenzene
Concen: 54.760 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067165.D
Acq: 07 Oct 2020 21:57

Tgt Ion:180 Resp: 222581
Ion Ratio Lower Upper
180 100
182 97.2 46.4 139.1
145 34.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.50 15.60

