

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066539.D
 Acq On : 03 Sep 2020 15:56
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 04 01:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	388683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	634585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	569201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269015	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219426	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	7.91	113	200715	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	748064	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.63	95	242744	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	157645	47.354	ug/l	100
3) Chloromethane	2.21	50	220287	91.500	ug/l	100
4) Vinyl Chloride	2.35	62	254294	88.447	ug/l	100
5) Bromomethane	2.77	94	179973	79.574	ug/l	100
6) Chloroethane	2.92	64	161543	84.840	ug/l	100
7) Trichlorofluoromethane	3.27	101	372217	50.148	ug/l	100
8) Diethyl Ether	3.71	74	94776	63.667	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	200514	61.494	ug/l	100
10) Methyl Iodide	4.30	142	181746	53.118	ug/l	100
11) Tert butyl alcohol	5.22	59	67434	220.910	ug/l	100
12) 1,1-Dichloroethene	4.07	96	182659	60.474	ug/l	100
13) Acrolein	3.92	56	41271	293.276	ug/l	100
14) Allyl chloride	4.71	41	305443	82.365	ug/l	100
15) Acrylonitrile	5.42	53	209255	376.334	ug/l	100
16) Acetone	4.16	43	200936	309.974	ug/l	100
17) Carbon Disulfide	4.41	76	604705	67.152	ug/l	100
18) Methyl Acetate	4.71	43	93201	81.606	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	447998	57.591	ug/l	100
20) Methylene Chloride	4.96	84	232048	60.187	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	223345	63.608	ug/l	100
22) Diisopropyl ether	6.36	45	655828	86.624	ug/l	100
23) Vinyl Acetate	6.30	43	1914753	404.193	ug/l	100
24) 1,1-Dichloroethane	6.26	63	393891	70.707	ug/l	100
25) 2-Butanone	7.21	43	270333	377.384	ug/l	100
26) 2,2-Dichloropropane	7.20	77	351372	53.583	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	239080	63.044	ug/l	100
28) Bromochloromethane	7.54	49	158766	91.187	ug/l	100
29) Tetrahydrofuran	7.56	42	176138	451.202	ug/l	100
30) Chloroform	7.71	83	414848	60.616	ug/l	100
31) Cyclohexane	7.98	56	356317	72.079	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	379384	51.612	ug/l	100
36) 1,1-Dichloropropene	8.11	75	322378	56.667	ug/l	100
37) Ethyl Acetate	7.29	43	130490	71.358	ug/l	100
38) Carbon Tetrachloride	8.09	117	340071	41.803	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	378887	56.772	ug/l	100
40) Benzene	8.34	78	875869	59.158	ug/l	100
41) Methacrylonitrile	7.52	41	70973	72.962	ug/l	100
42) 1,2-Dichloroethane	8.42	62	276881	46.387	ug/l	100
43) Isopropyl Acetate	8.45	43	245762	65.888	ug/l	100
44) Trichloroethene	9.11	130	230208	47.279	ug/l	100
45) 1,2-Dichloropropane	9.38	63	217915	70.338	ug/l	100
46) Dibromomethane	9.47	93	118280	55.590	ug/l	100
47) Bromodichloromethane	9.66	83	325730	52.300	ug/l	100
48) Methyl methacrylate	9.45	41	127135	66.793	ug/l	100
49) 1,4-Dioxane	9.46	88	27543	1118.608	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	627469	358.633	ug/l	100
52) Toluene	10.40	92	563969	54.599	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	297862	52.680	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	348740	57.140	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	152293	56.538	ug/l	100
56) Ethyl methacrylate	10.66	69	192287	59.842	ug/l	100
57) 1,3-Dichloropropane	10.94	76	276193	61.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	417442	322.576	ug/l	100
59) 2-Hexanone	10.98	43	433725	345.552	ug/l	100
60) Dibromochloromethane	11.14	129	203722	47.458	ug/l	100
61) 1,2-Dibromoethane	11.24	107	152685	55.525	ug/l	100
64) Tetrachloroethene	10.87	164	182666	42.392	ug/l	100
65) Chlorobenzene	11.67	112	572439	51.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	218310	46.871	ug/l	100
67) Ethyl Benzene	11.74	91	1079409	54.215	ug/l	100
68) m/p-Xylenes	11.85	106	825214	107.307	ug/l	100
69) o-Xylene	12.18	106	368458	50.901	ug/l	100
70) Styrene	12.20	104	640592	51.650	ug/l	100
71) Bromoform	12.36	173	108913	43.439	ug/l #	100
73) Isopropylbenzene	12.48	105	1020765	55.805	ug/l	100
74) N-amyl acetate	12.29	43	227011	75.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	171683	72.923	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	228359	122.365	ug/l #	100
77) Bromobenzene	12.76	156	217659	48.065	ug/l	100
78) n-propylbenzene	12.82	91	1245858	61.040	ug/l	100
79) 2-Chlorotoluene	12.91	91	678438	58.102	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	863690	54.442	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52412	64.934	ug/l	100
82) 4-Chlorotoluene	13.01	91	721773	57.568	ug/l	100
83) tert-Butylbenzene	13.23	119	697026	50.846	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	850858	53.904	ug/l	100
85) sec-Butylbenzene	13.40	105	1014026	56.849	ug/l	100
86) p-Isopropyltoluene	13.52	119	923994	52.743	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	423924	49.951	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	427915	50.068	ug/l	100
89) n-Butylbenzene	13.84	91	889463	59.150	ug/l	100
90) Hexachloroethane	14.11	117	188168	58.141	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	372357	50.562	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27804	49.469	ug/l	100

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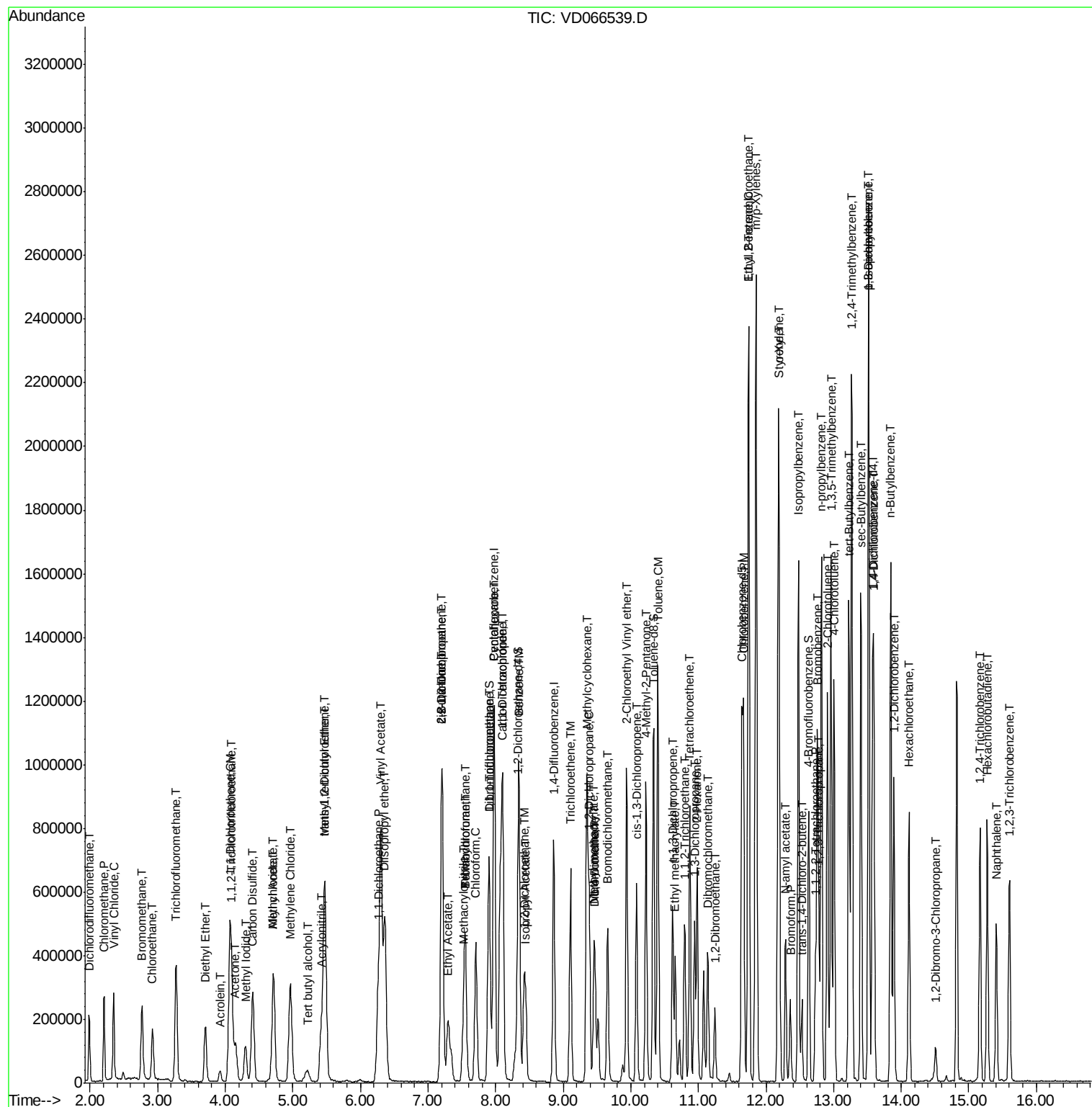
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	231956	41.535	ug/l	100
94) Hexachlorobutadiene	15.27	225	138998	38.775	ug/l	100
95) Naphthalene	15.41	128	421972	47.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	199679	41.256	ug/l	100

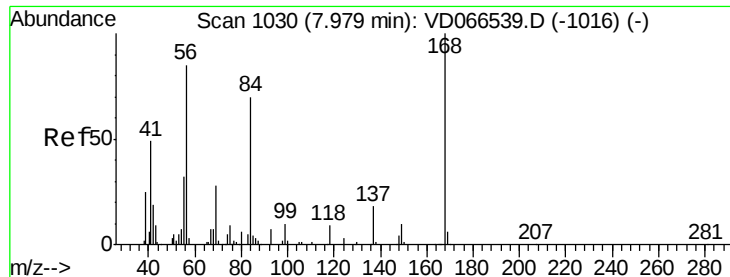
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090320\
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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: VD066539.D

Acq: 03 Sep 2020 15:56

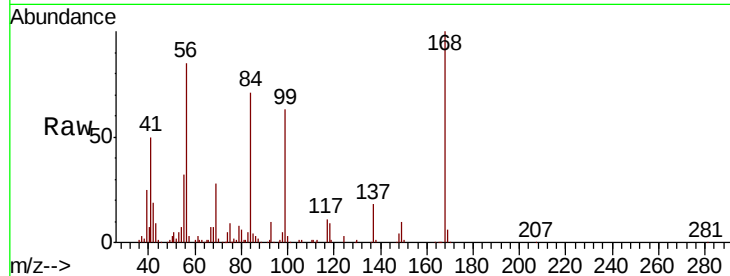
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:168 Resp: 388683

Ion Ratio Lower Upper

168 100

99 63.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

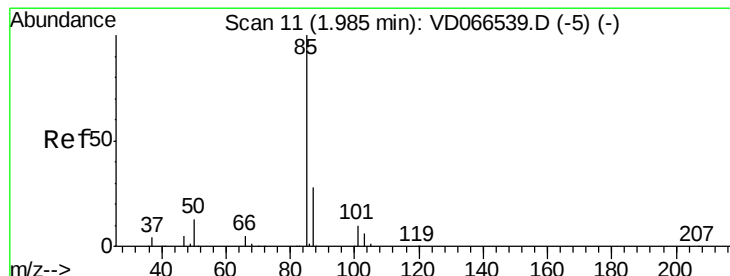
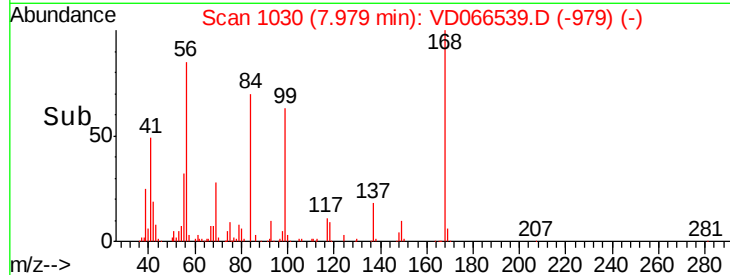
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.354 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066539.D

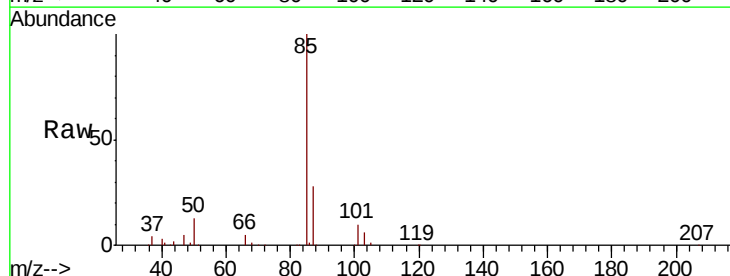
Acq: 03 Sep 2020 15:56

Tgt Ion: 85 Resp: 157645

Ion Ratio Lower Upper

85 100

87 28.4 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

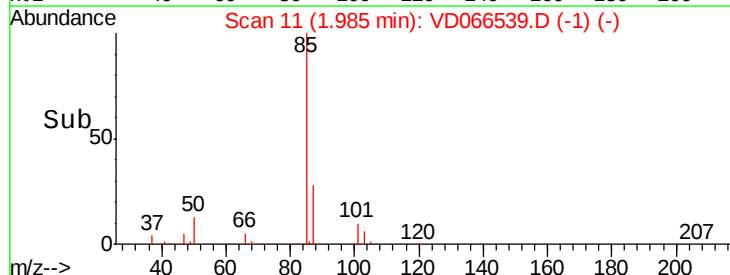
1.99

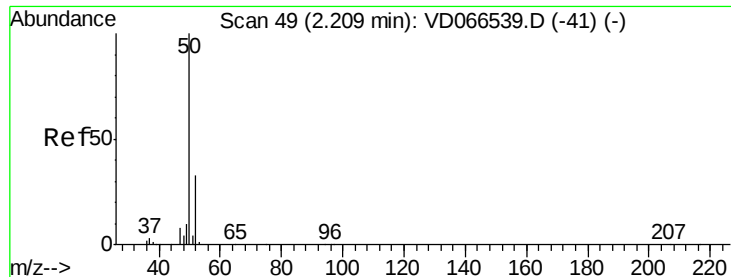
100000

50000

0

Time-->





#3

Chloromethane

Concen: 91.500 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

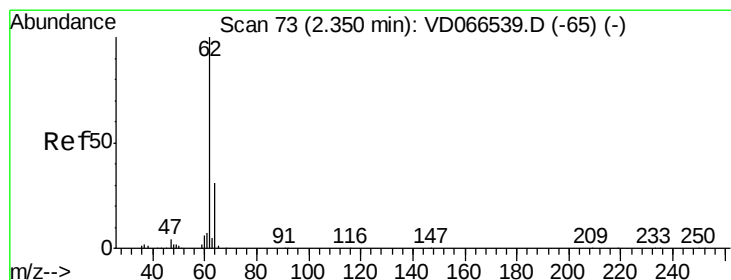
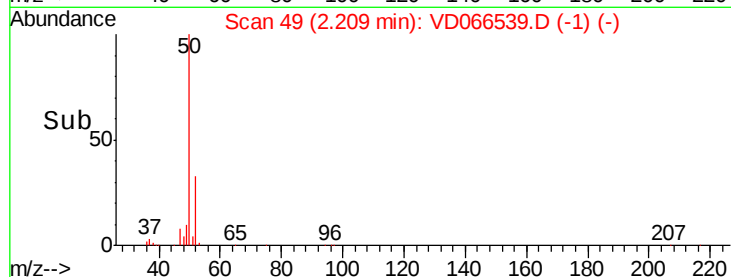
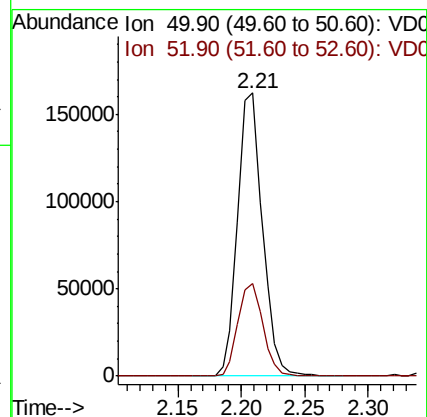
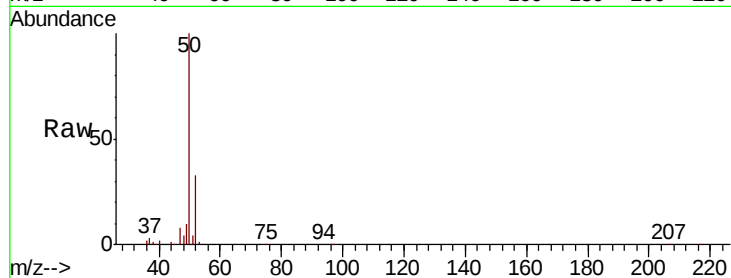
VSTDICCC050

Tot Ion: 50 Resp: 220287

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 88.447 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066539.D

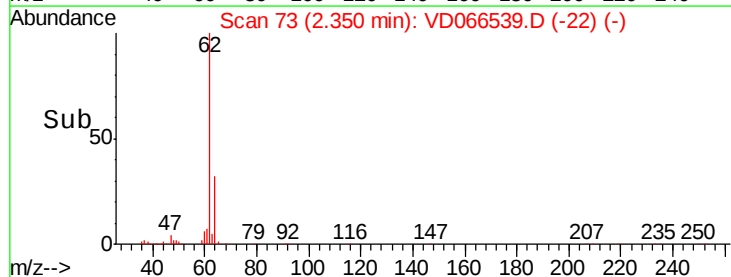
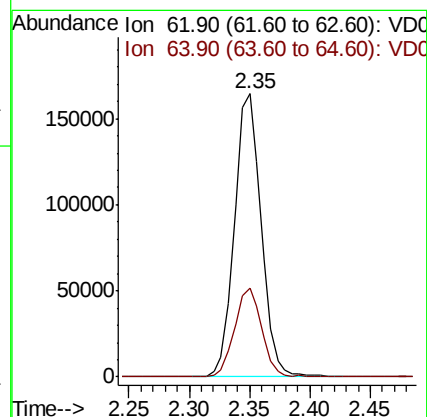
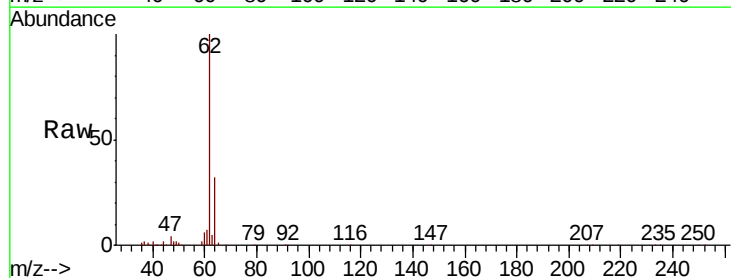
Acq: 03 Sep 2020 15:56

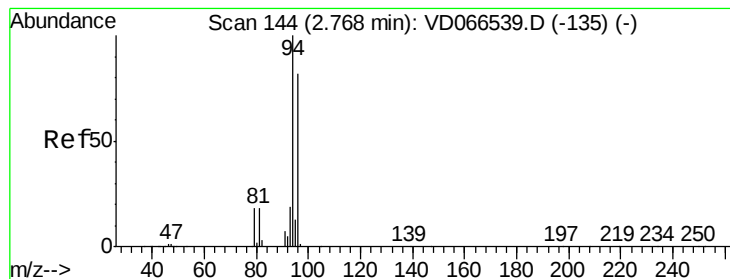
Tgt Ion: 62 Resp: 254294

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 79.574 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

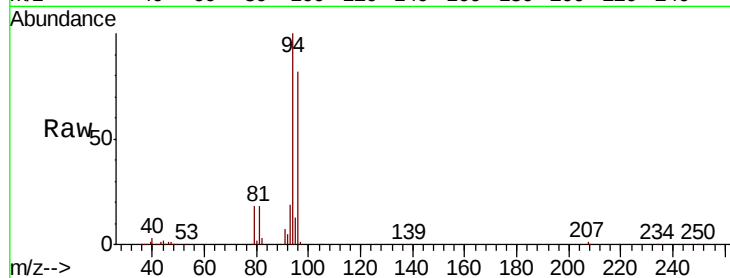
VSTDICCC050

Tot Ion: 94 Resp: 179973

Ion Ratio Lower Upper

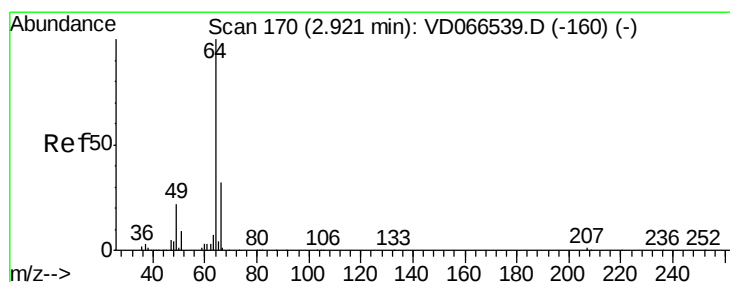
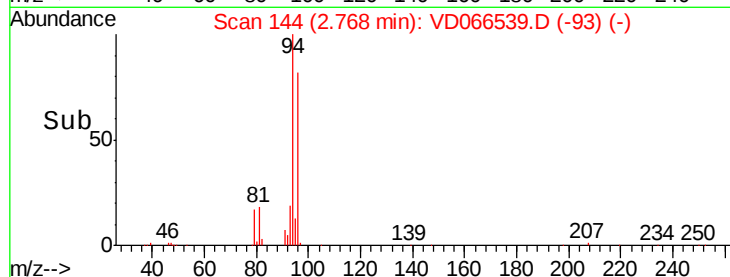
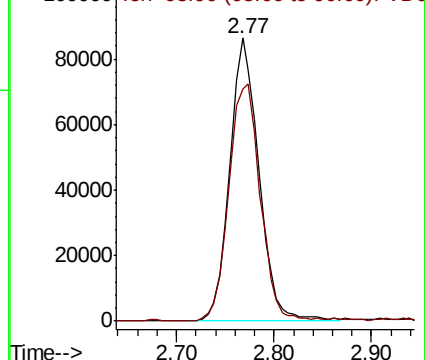
94 100

96 81.5 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 84.840 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066539.D

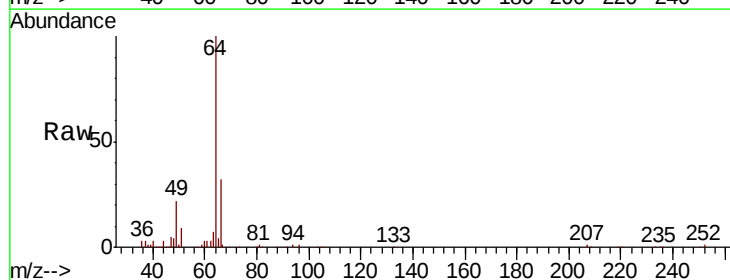
Acq: 03 Sep 2020 15:56

Tgt Ion: 64 Resp: 161543

Ion Ratio Lower Upper

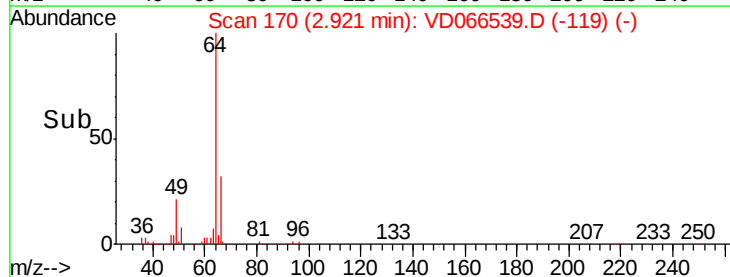
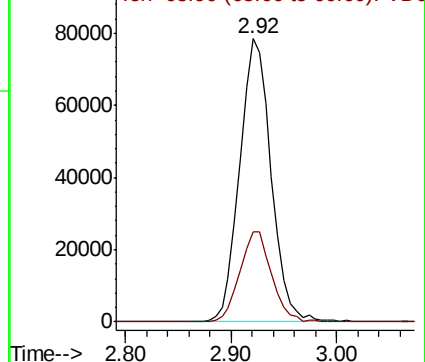
64 100

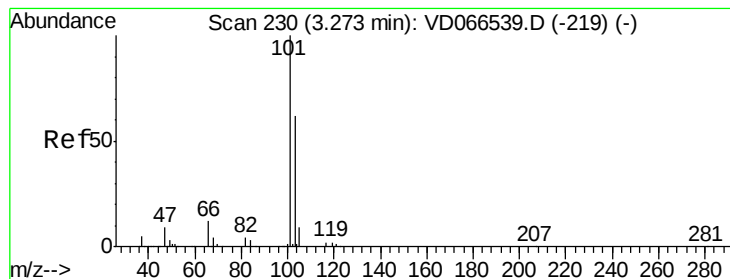
66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



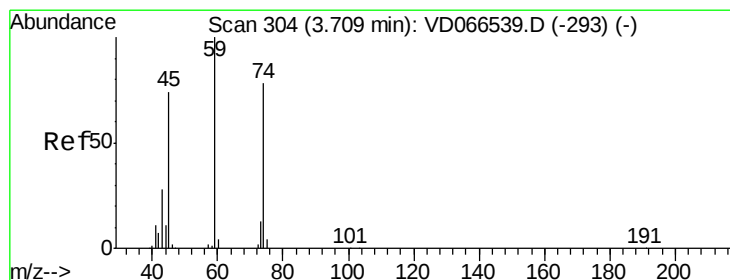
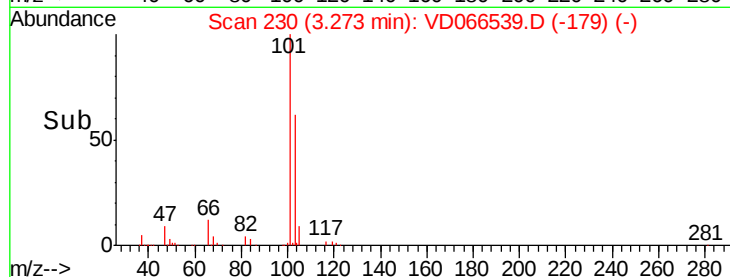
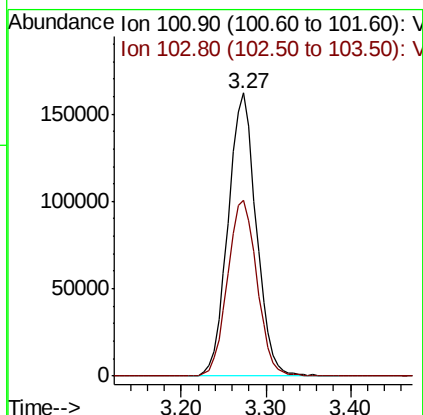
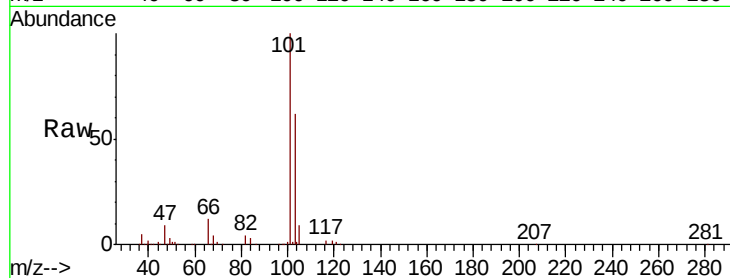


#7

Trichlorofluoromethane
 Concen: 50.148 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
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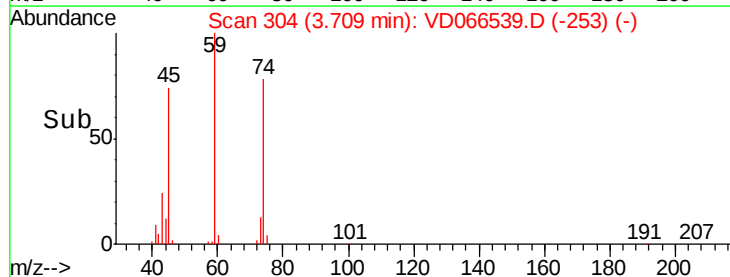
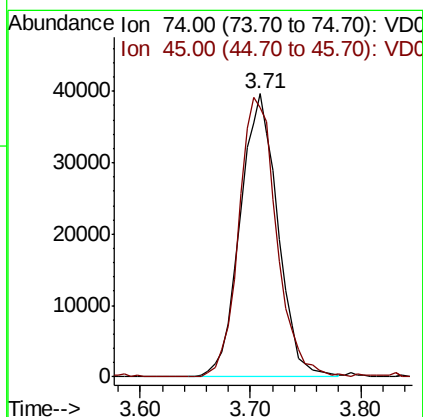
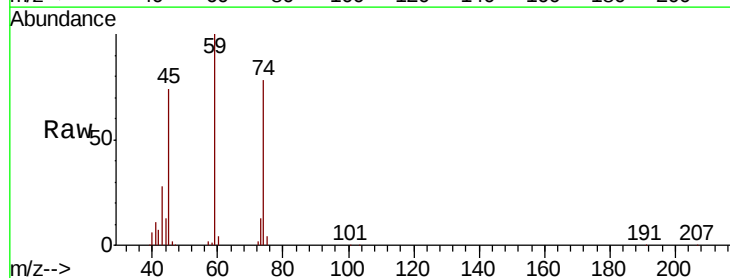
Tot Ion:101 Resp: 372217
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5

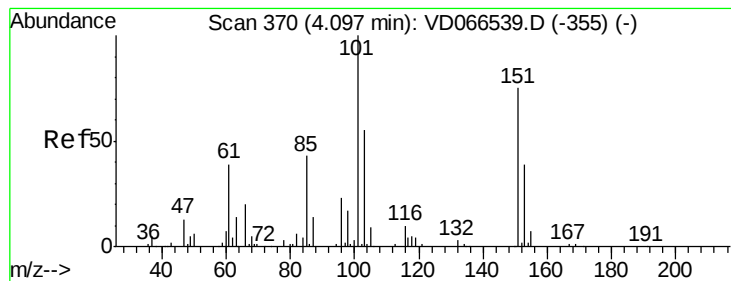


#8

Diethyl Ether
 Concen: 63.667 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 74 Resp: 94776
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.494 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

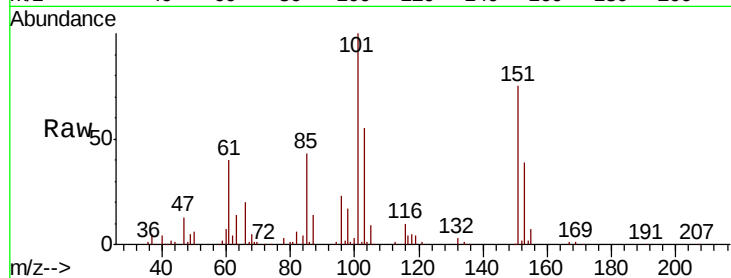
Tot Ion:101 Resp: 200514

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

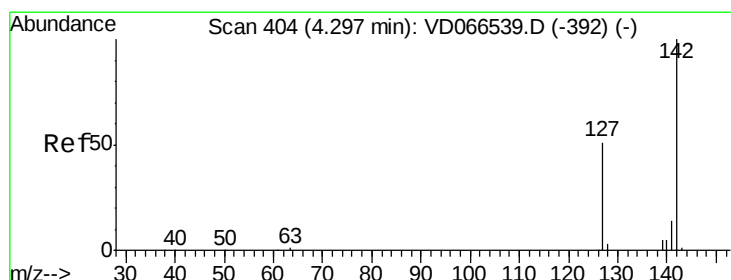
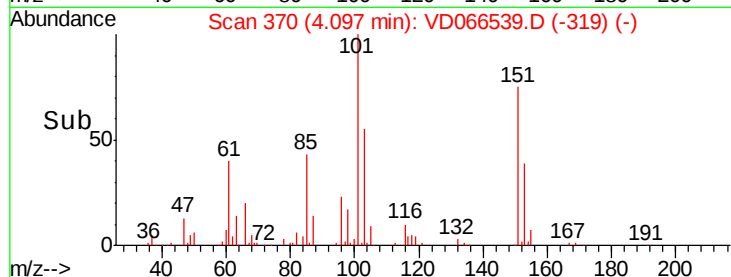
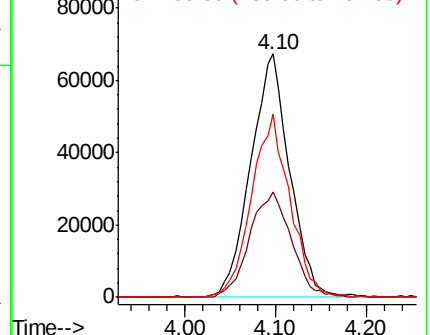
151 74.3 59.4 89.2



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: 53.118 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

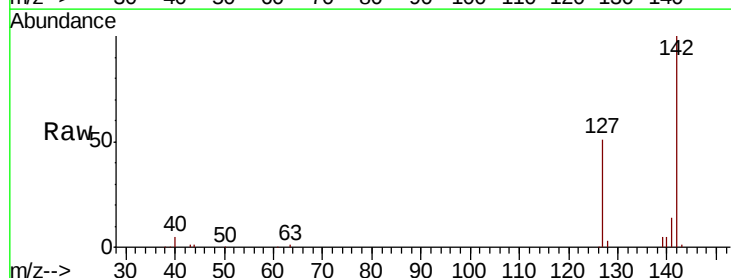
Tgt Ion:142 Resp: 181746

Ion Ratio Lower Upper

142 100

127 50.8 40.6 61.0

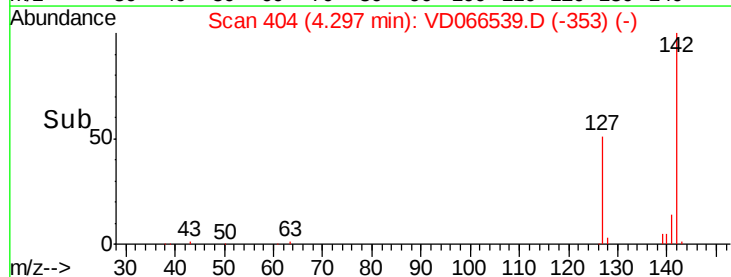
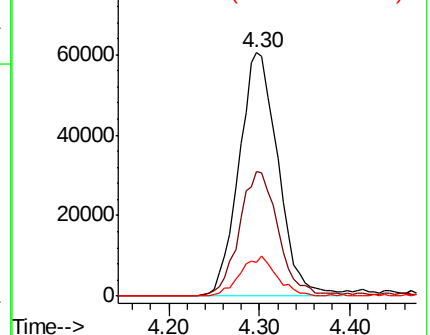
141 15.3 12.2 18.4

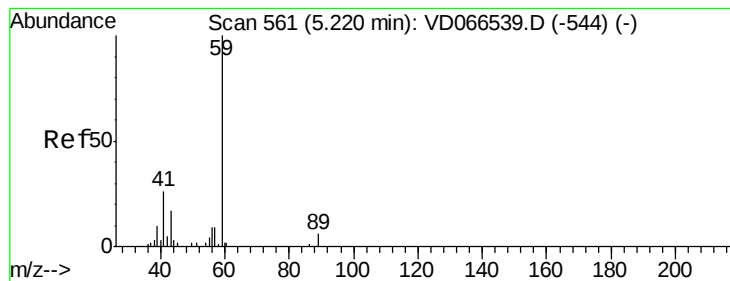


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



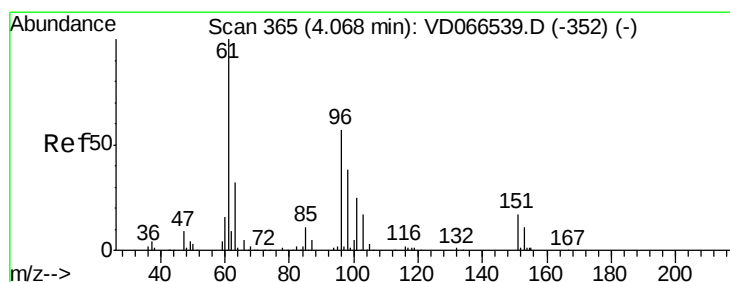
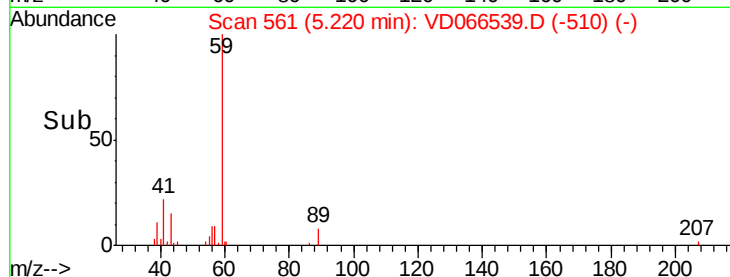
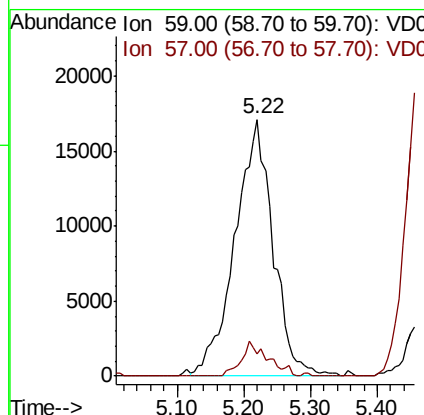
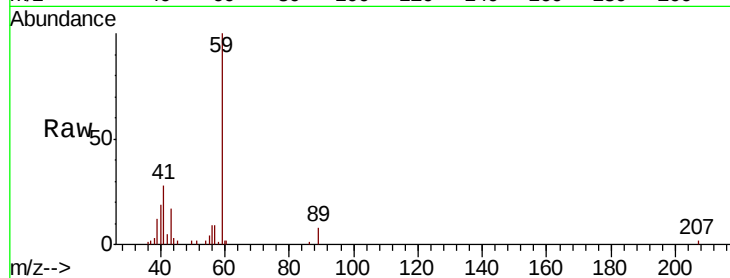


#11

Tert butyl alcohol
 Concen: 220.910 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

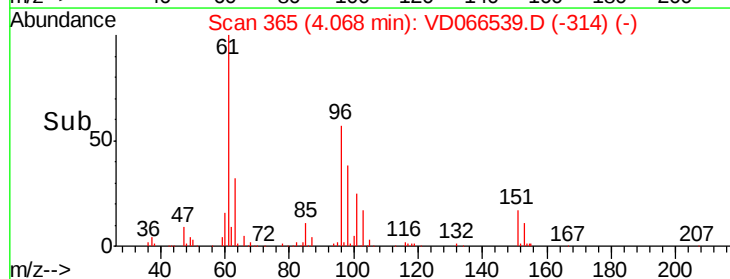
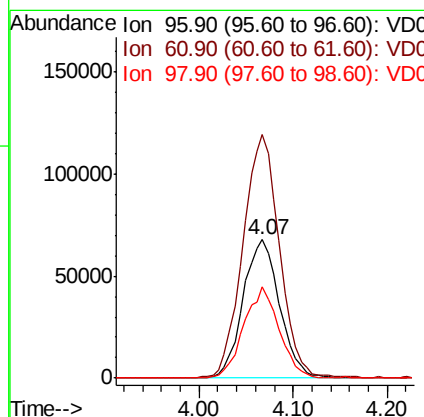
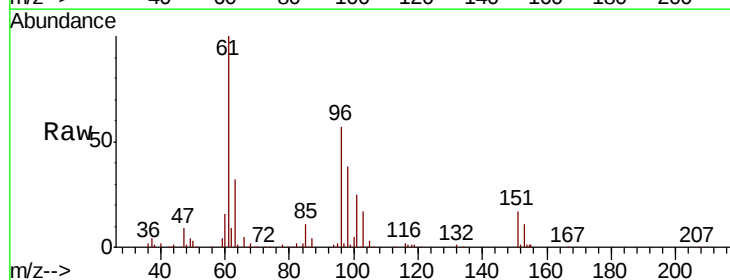
Tot Ion: 59 Resp: 67434
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.6 11.4

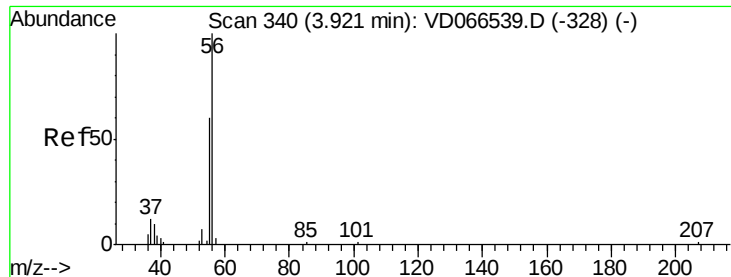


#12

1,1-Dichloroethene
 Concen: 60.474 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 96 Resp: 182659
 Ion Ratio Lower Upper
 96 100
 61 176.1 140.9 211.3
 98 66.5 53.2 79.8

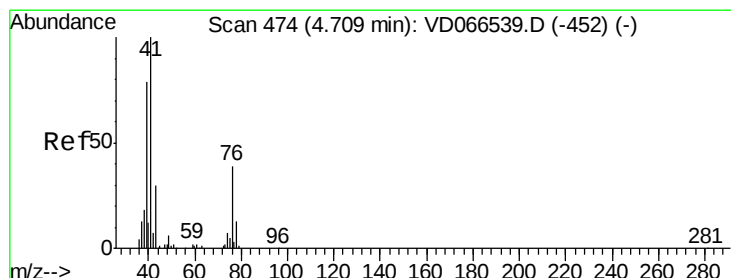
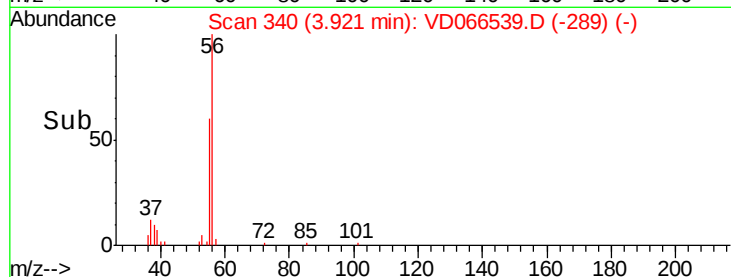
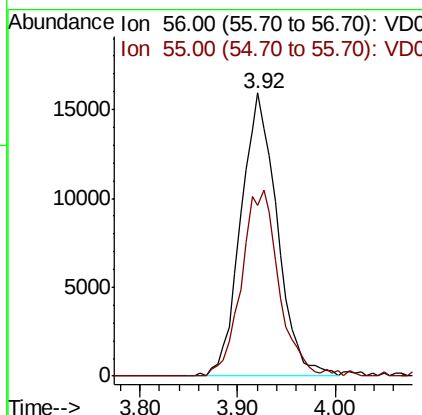
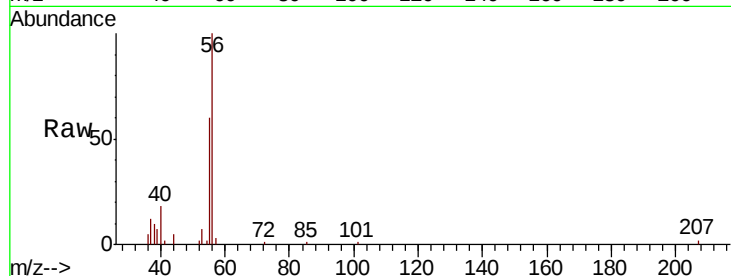




#13
Acrolein
Concen: 293.276 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

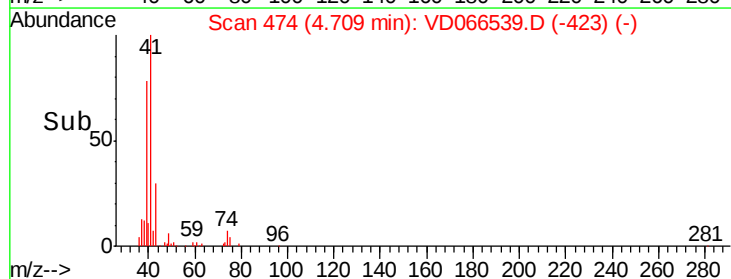
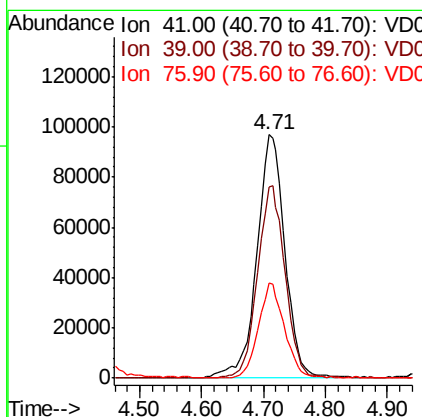
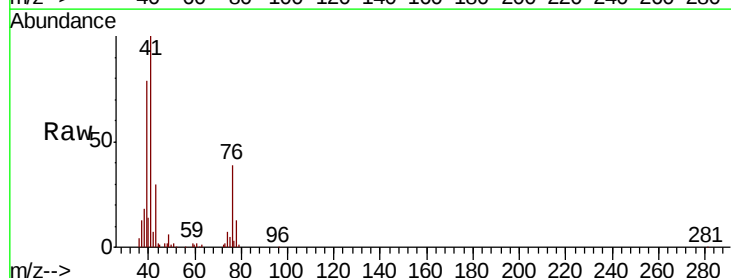
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

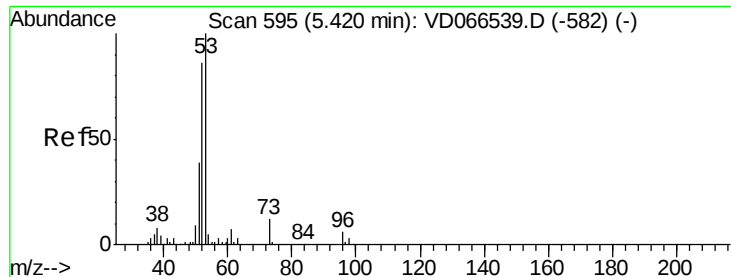
Tot Ion: 56 Resp: 41271
Ion Ratio Lower Upper
56 100
55 67.0 53.6 80.4



#14
Allyl chloride
Concen: 82.365 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 41 Resp: 305443
Ion Ratio Lower Upper
41 100
39 77.4 61.9 92.9
76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 376.334 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

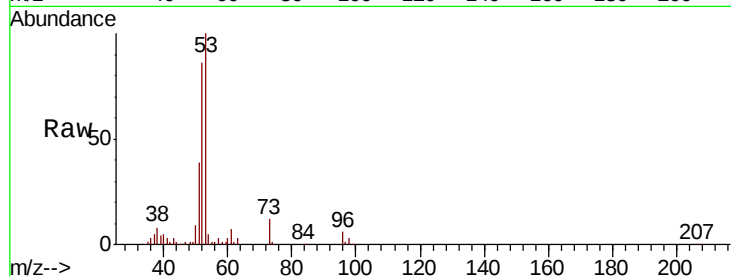
Tot Ion: 53 Resp: 209255

Ion Ratio Lower Upper

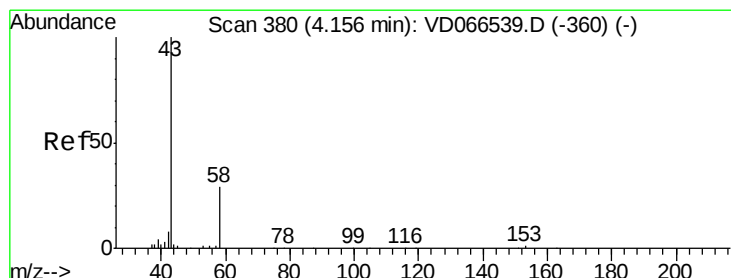
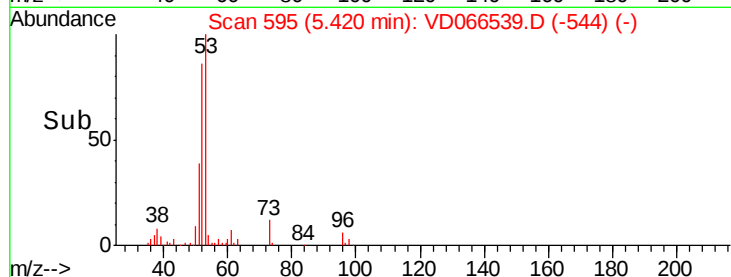
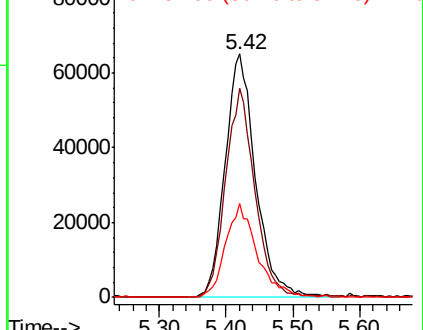
53 100

52 81.8 65.4 98.2

51 39.0 31.2 46.8



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: 309.974 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066539.D

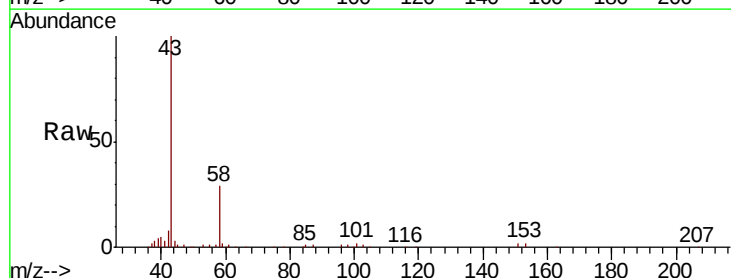
Acq: 03 Sep 2020 15:56

Tgt Ion: 43 Resp: 200936

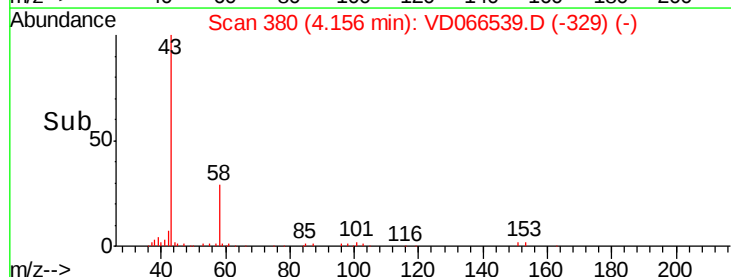
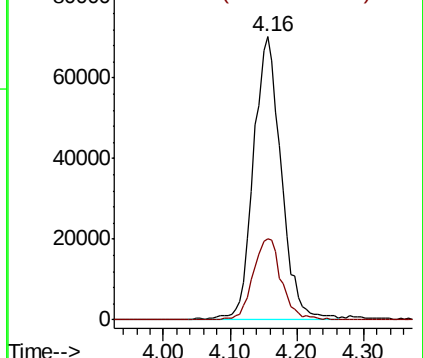
Ion Ratio Lower Upper

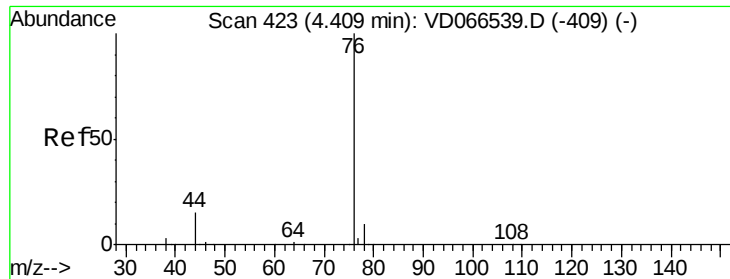
43 100

58 28.6 22.9 34.3



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

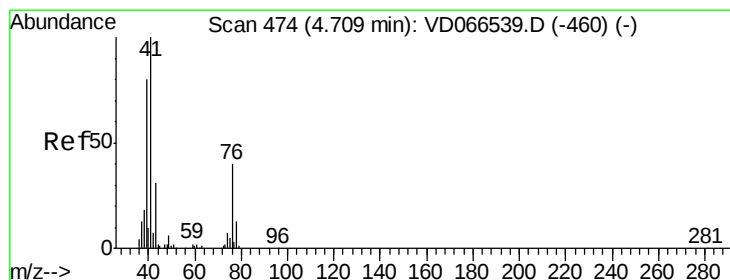
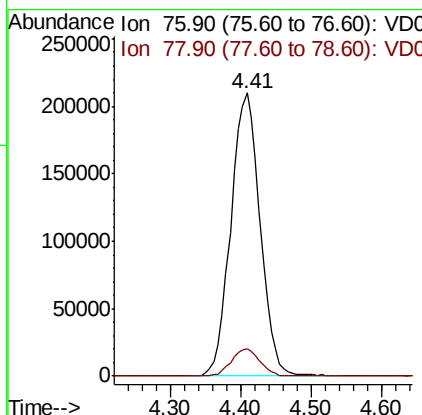
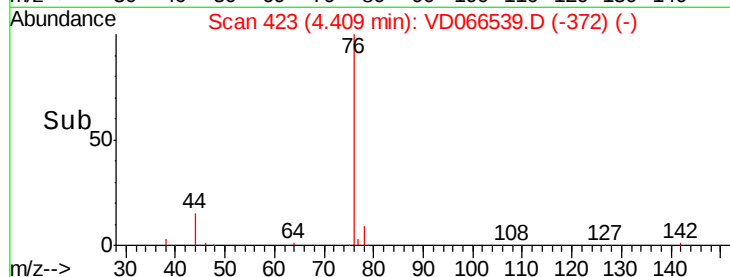
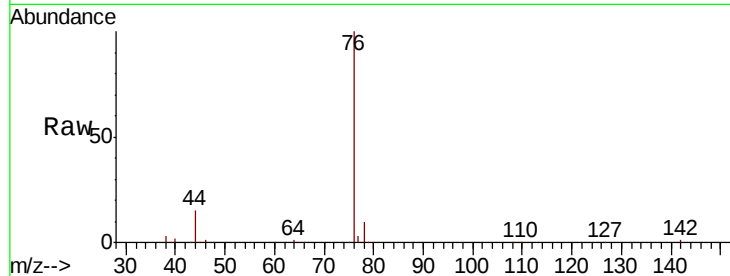




#17
Carbon Disulfide
Concen: 67.152 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

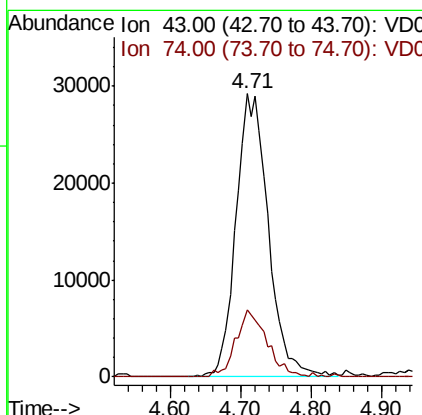
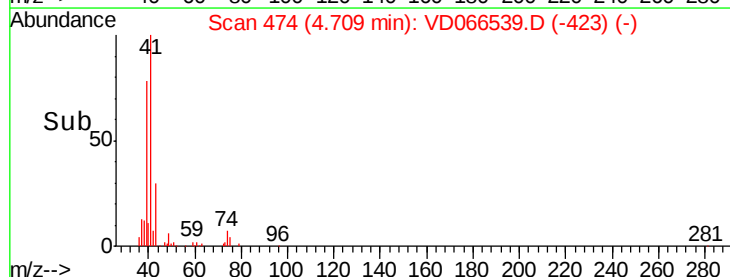
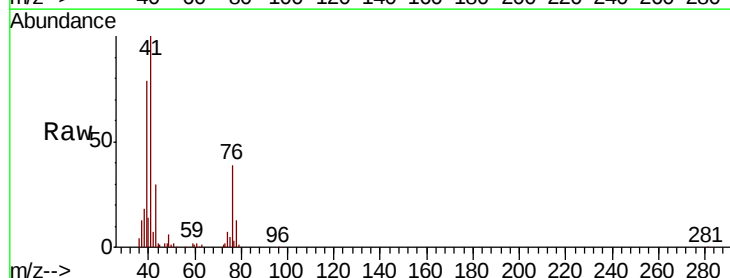
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

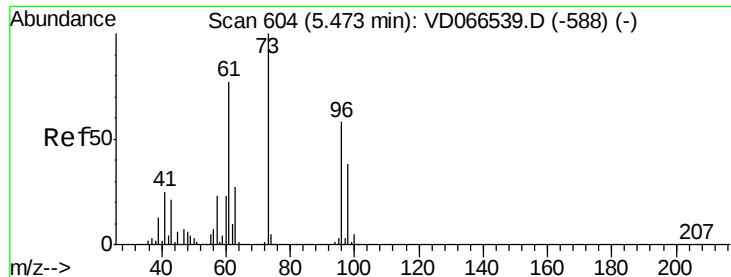
Tot Ion: 76 Resp: 604705
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 81.606 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 43 Resp: 93201
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0

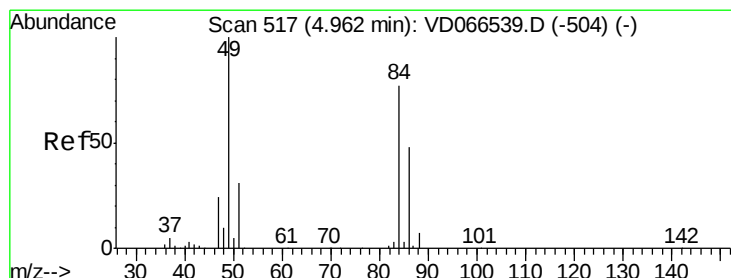
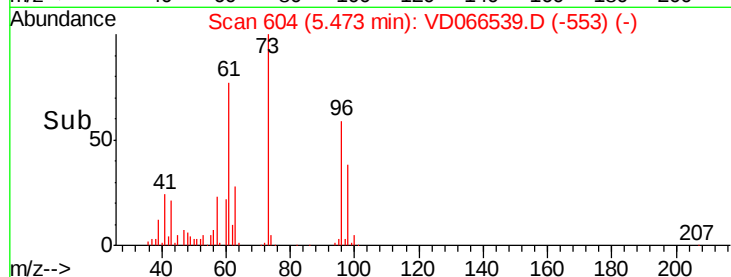
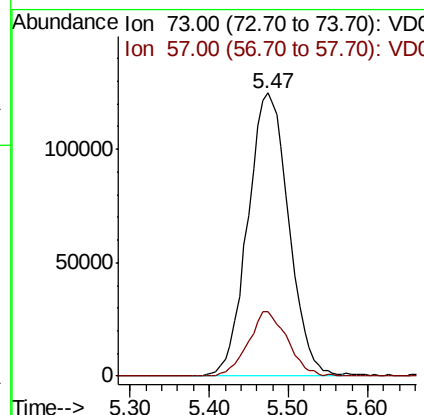
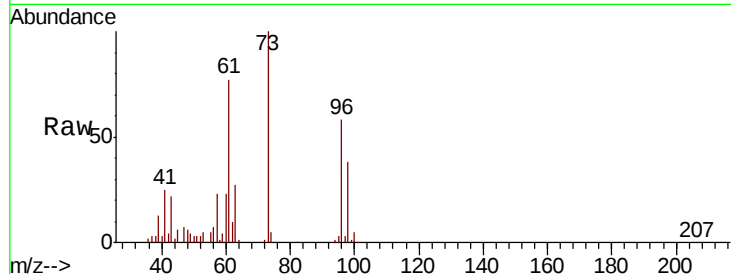




#19
Methvl tert-butvl Ether
Concen: 57.591 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

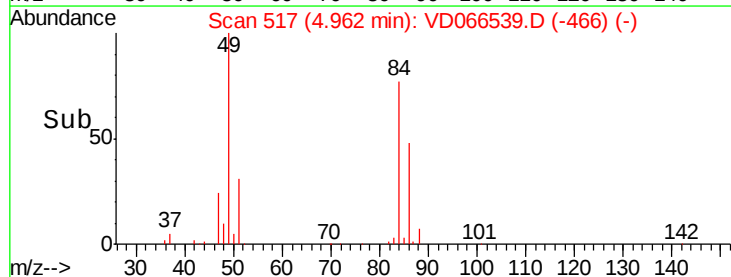
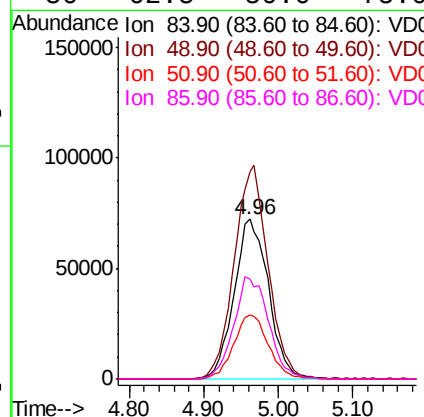
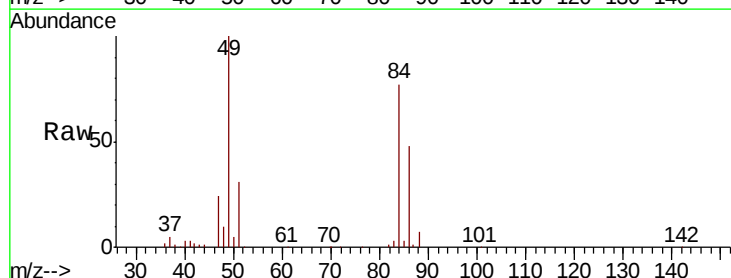
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

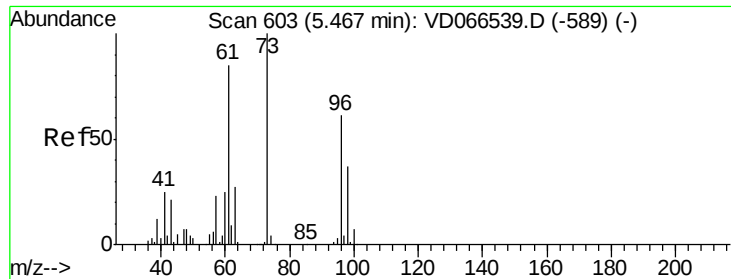
Tot Ion: 73 Resp: 447998
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 60.187 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 84 Resp: 232048
Ion Ratio Lower Upper
84 100
49 130.4 104.3 156.5
51 40.3 32.2 48.4
86 62.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 63.608 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

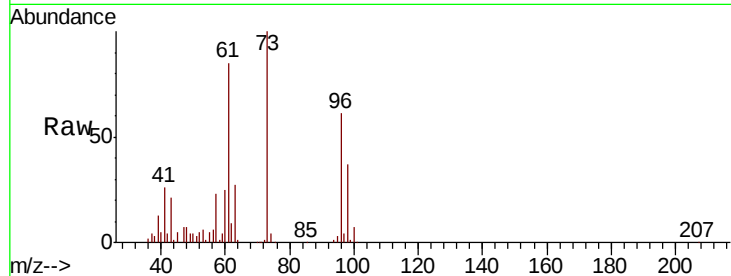
Tot Ion: 96 Resp: 223345

Ion Ratio Lower Upper

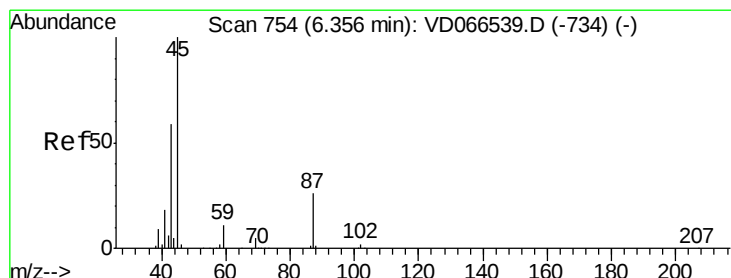
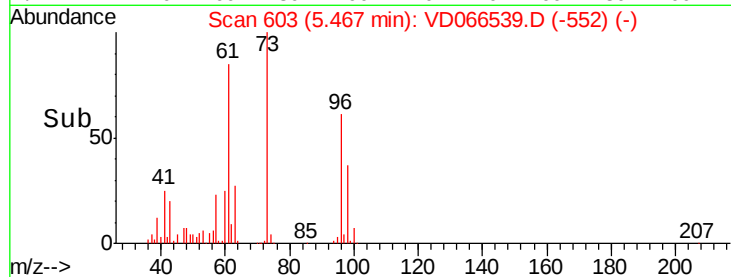
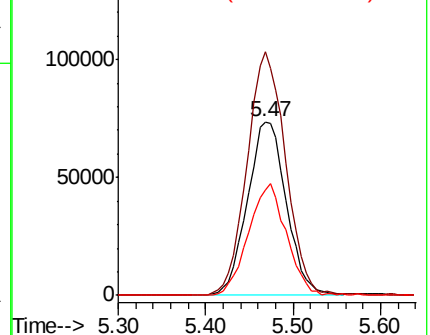
96 100

61 140.1 112.1 168.1

98 60.7 48.6 72.8



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



#22

Diisopropyl ether

Concen: 86.624 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion: 45 Resp: 655828

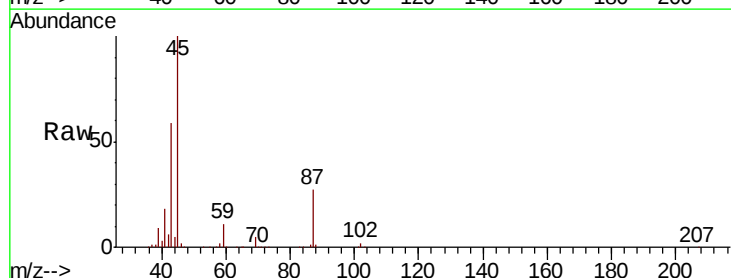
Ion Ratio Lower Upper

45 100

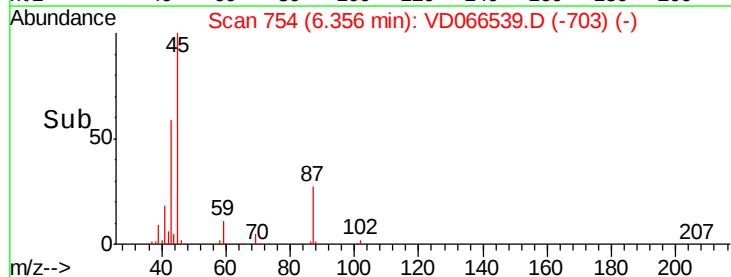
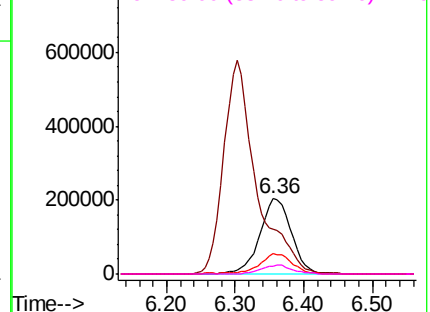
43 58.7 47.0 70.4

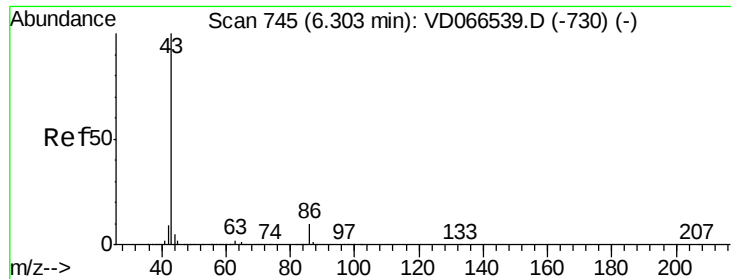
87 26.6 21.3 31.9

59 10.9 8.7 13.1



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





#23

Vinyl Acetate

Concen: 404.193 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

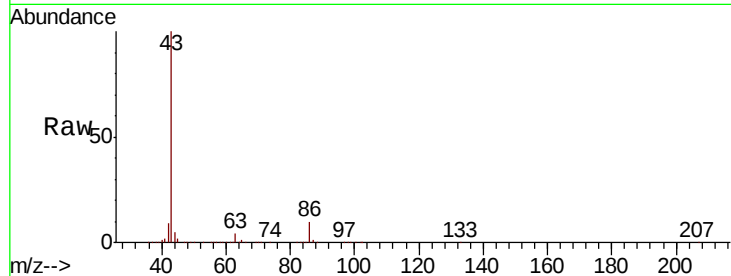
VSTDICCC050

Tot Ion: 43 Resp: 1914753

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

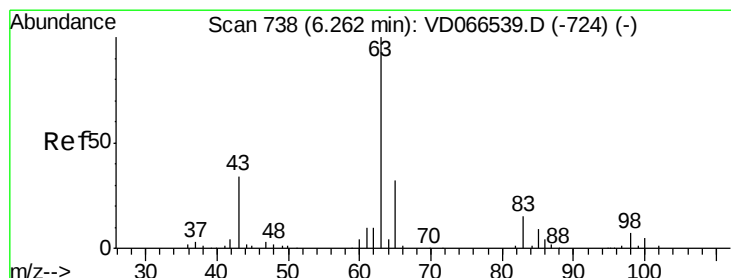
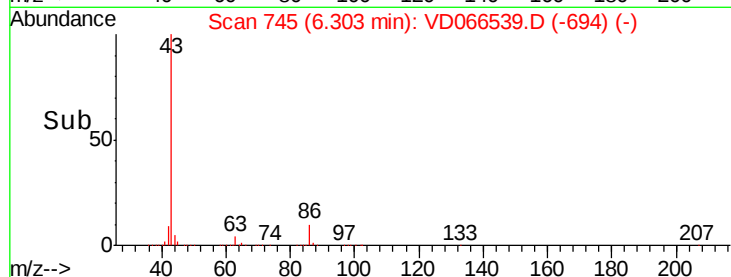
600000

400000

200000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 70.707 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

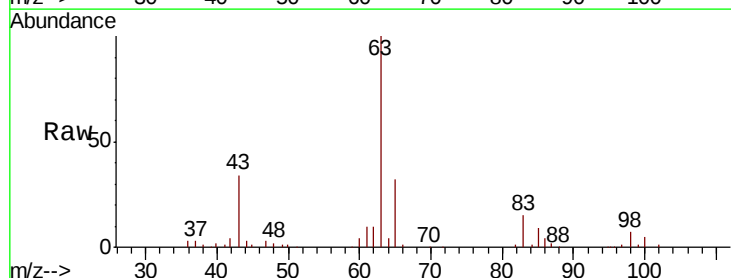
Tgt Ion: 63 Resp: 393891

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

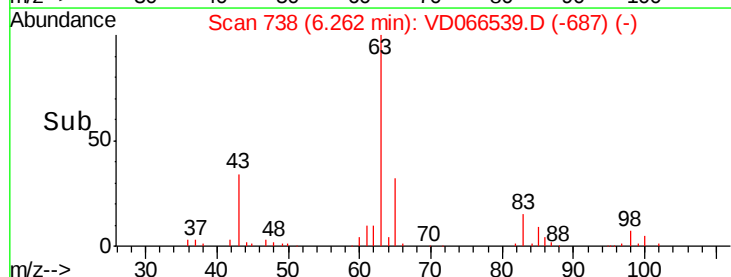
150000

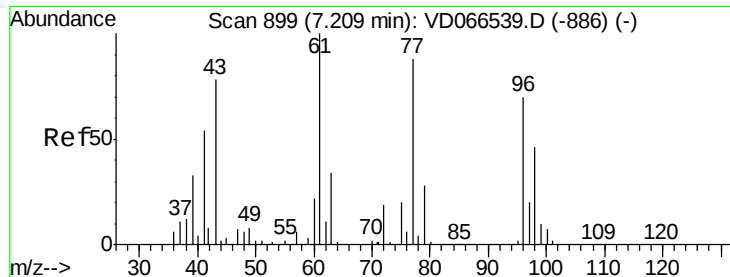
100000

50000

0

Time--> 6.10 6.20 6.30 6.40

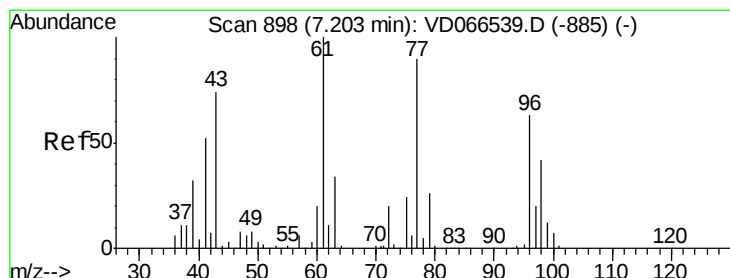
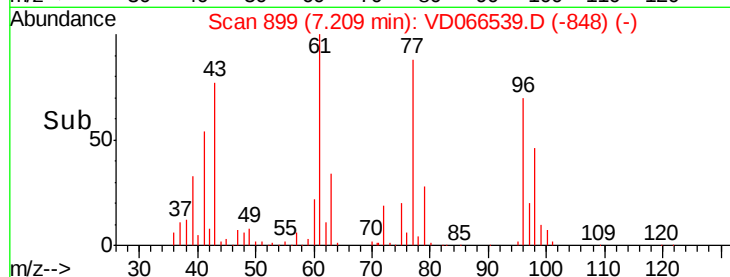
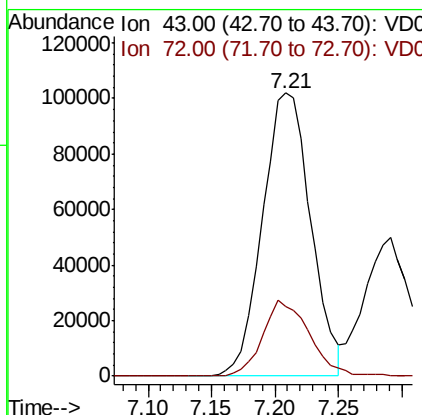
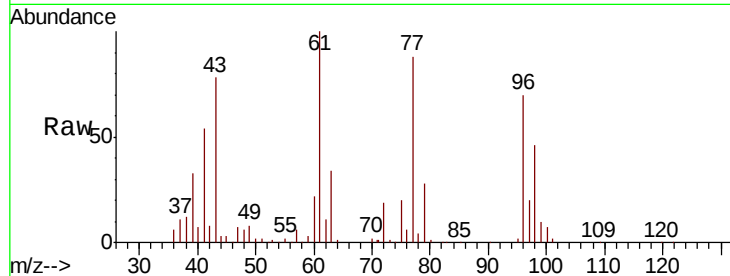




#25
2-Butanone
Concen: 377.384 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

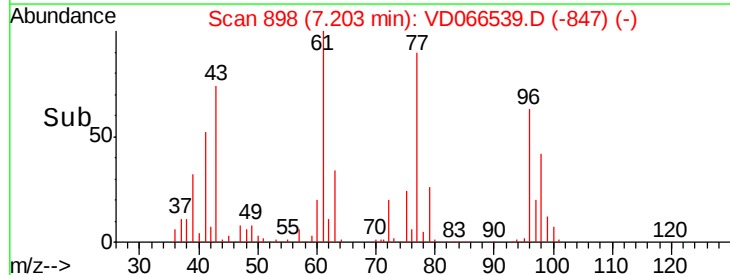
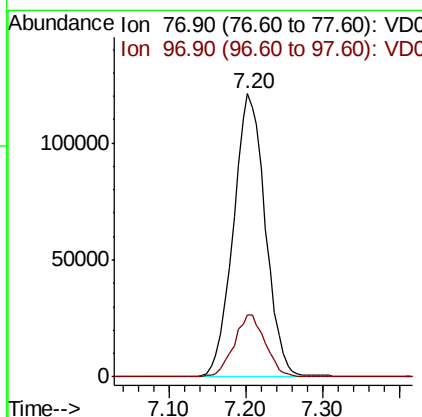
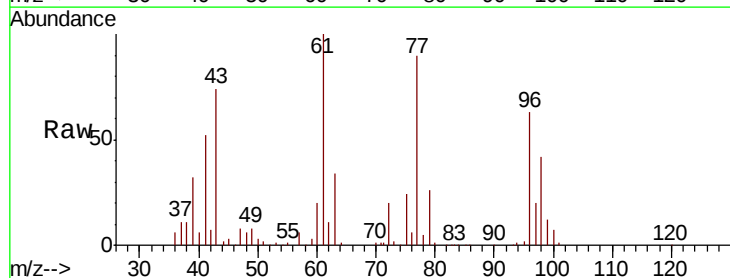
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

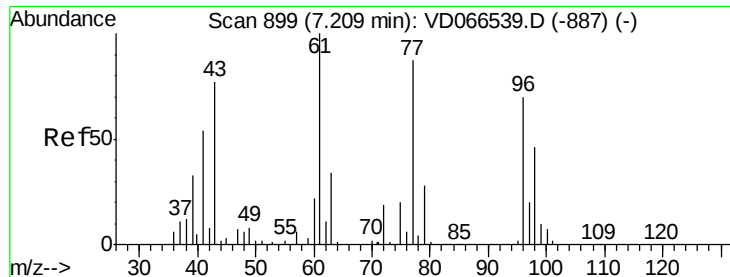
Tot Ion: 43 Resp: 270333
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 53.583 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 77 Resp: 351372
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3



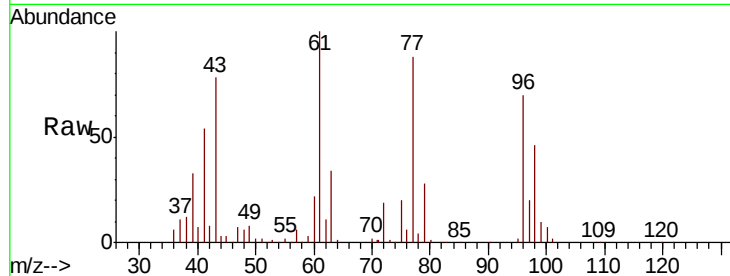


#27

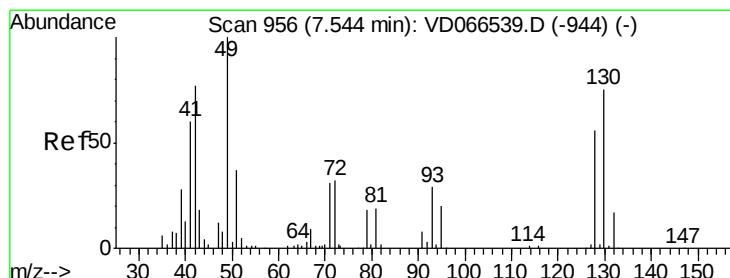
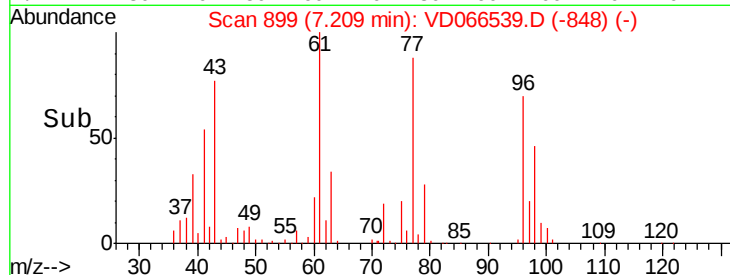
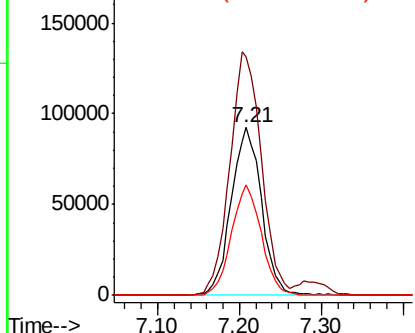
cis-1,2-Dichloroethene
Concen: 63.044 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	301.0
98	64.9	0.0	129.8



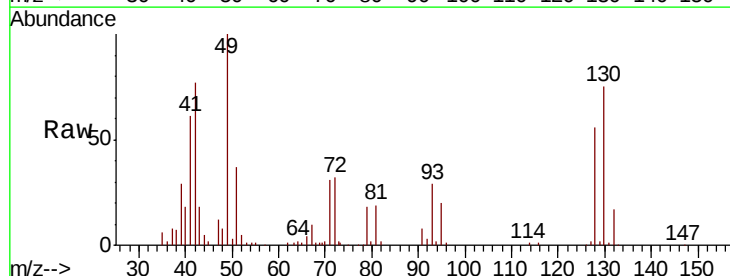
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



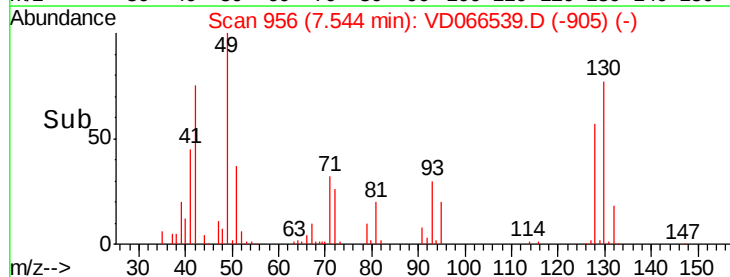
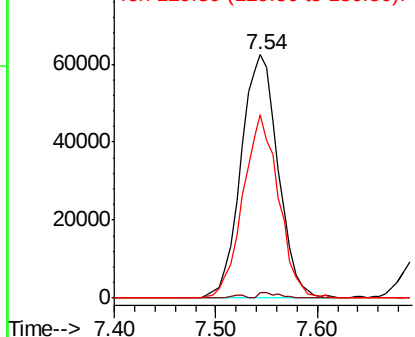
#28

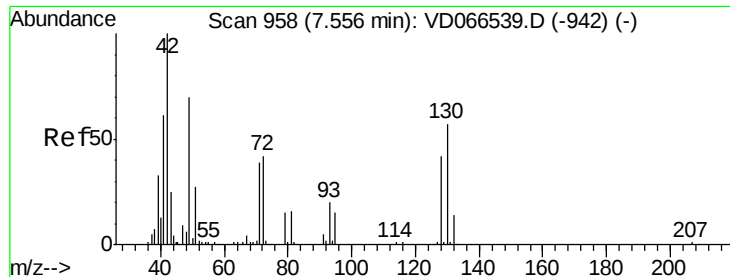
Bromochloromethane
Concen: 91.187 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	72.7	58.2	87.2



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: 451.202 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

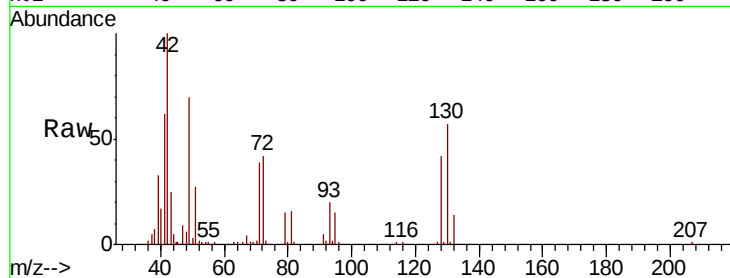
Tot Ion: 42 Resp: 176138

Ion Ratio Lower Upper

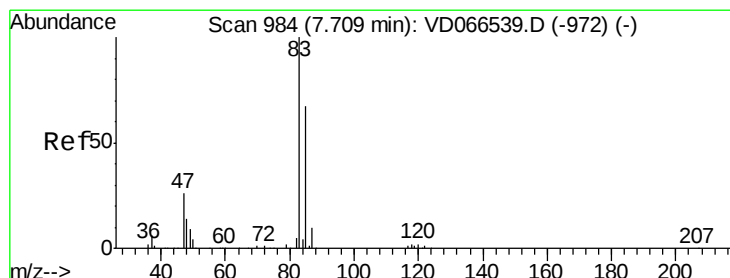
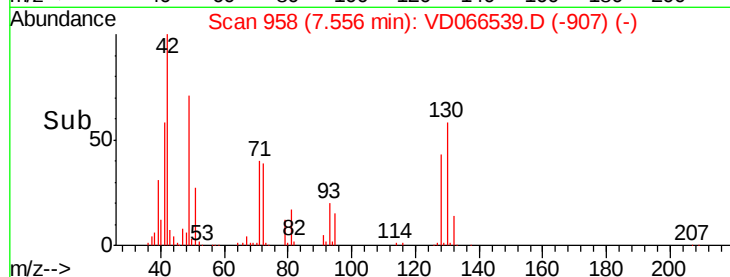
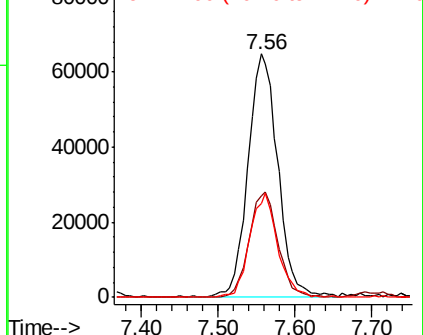
42 100

72 41.7 33.4 50.0

71 39.9 31.9 47.9



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



#30

Chloroform

Concen: 60.616 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066539.D

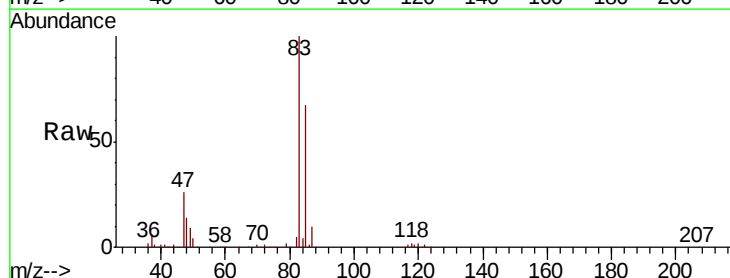
Acq: 03 Sep 2020 15:56

Tgt Ion: 83 Resp: 414848

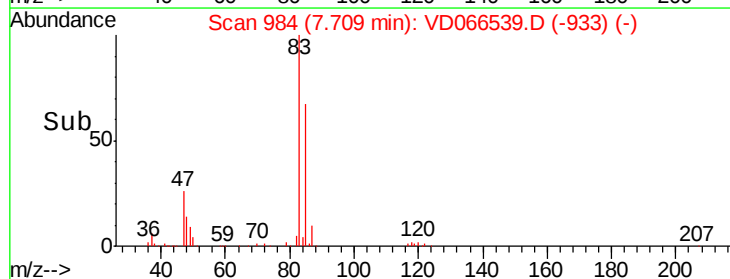
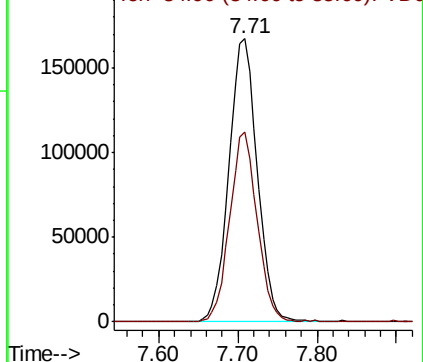
Ion Ratio Lower Upper

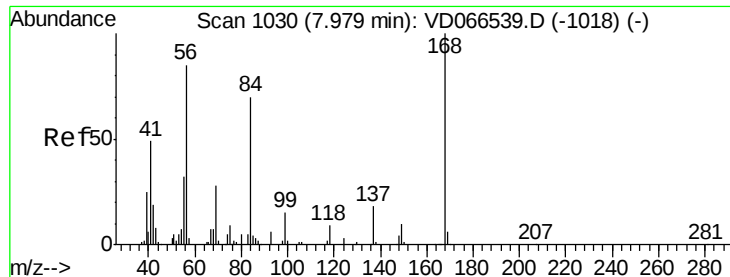
83 100

85 67.0 53.6 80.4



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

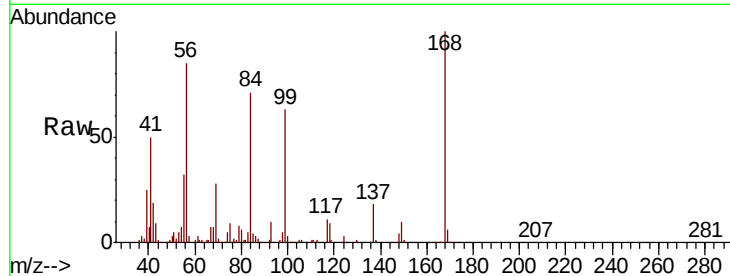




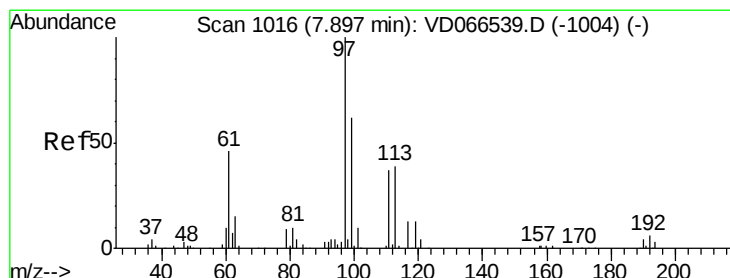
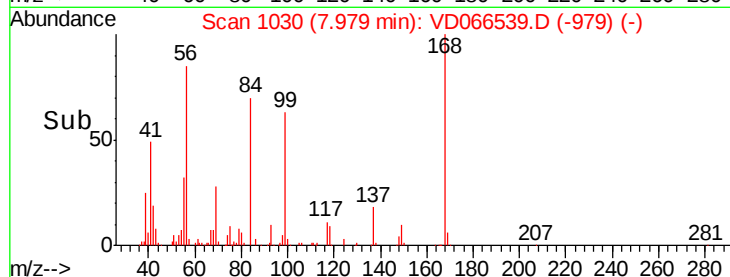
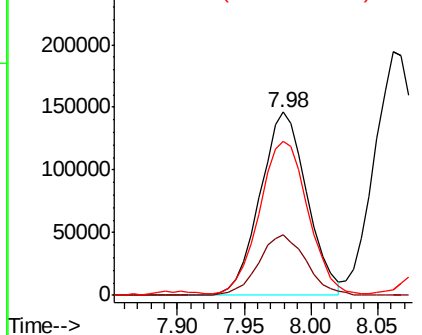
#31
Cyclohexane
Concen: 72.079 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 356317
Ion Ratio Lower Upper
56 100
69 32.9 26.3 39.5
84 82.6 66.1 99.1

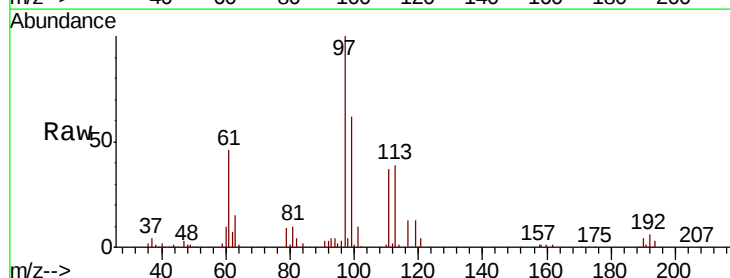


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

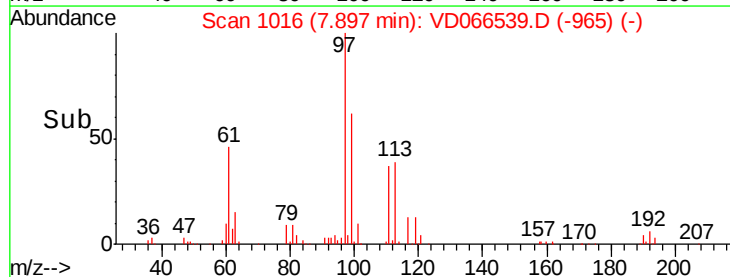
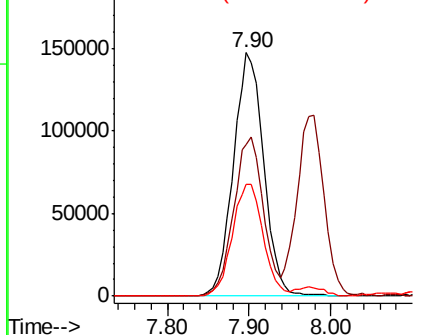


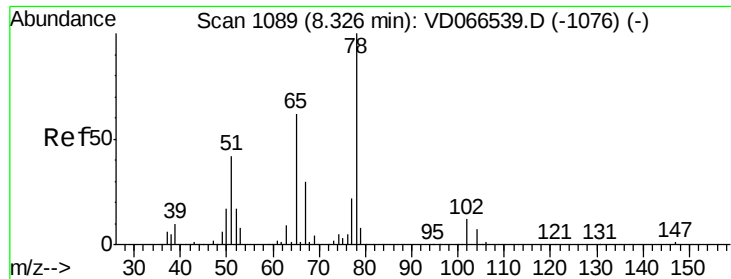
#32
1,1,1-Trichloroethane
Concen: 51.612 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 97 Resp: 379384
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 46.7 37.4 56.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

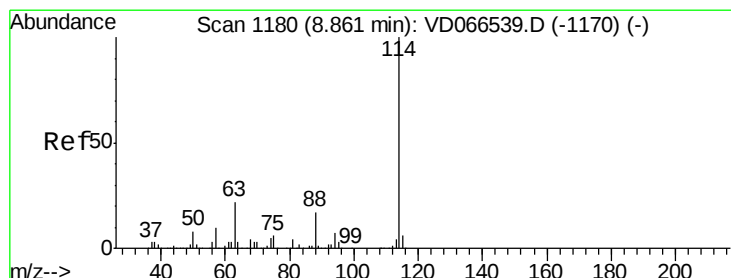
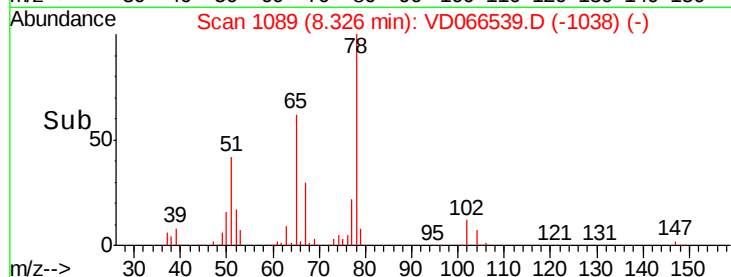
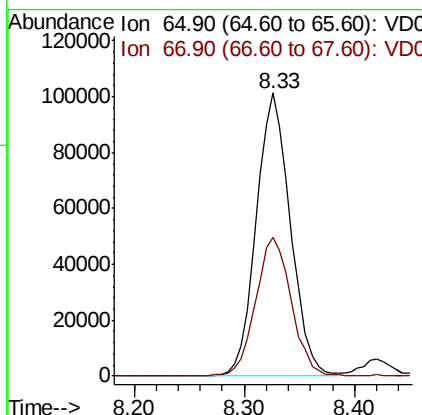
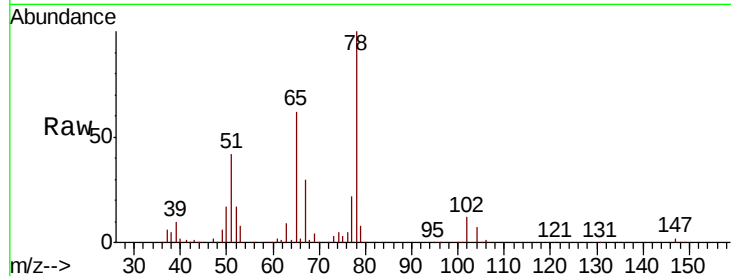




#33
 1,2-Dichloroethane-d4
 Concen: 52.886 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

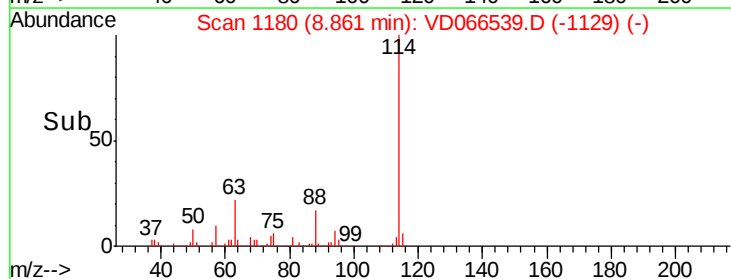
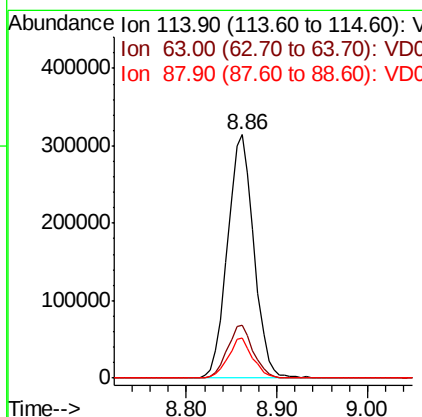
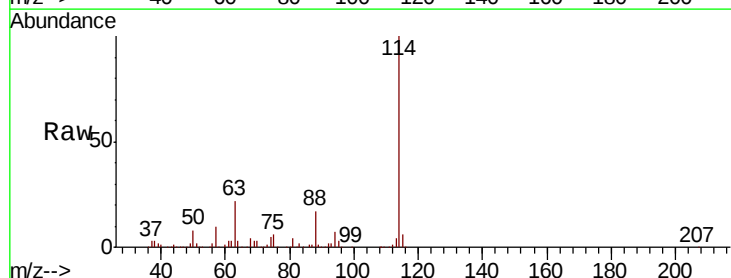
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

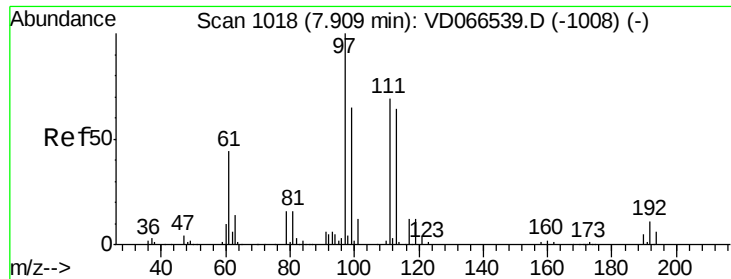
Tot Ion: 65 Resp: 219426
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 114 Resp: 634585
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.6 0.0 33.2

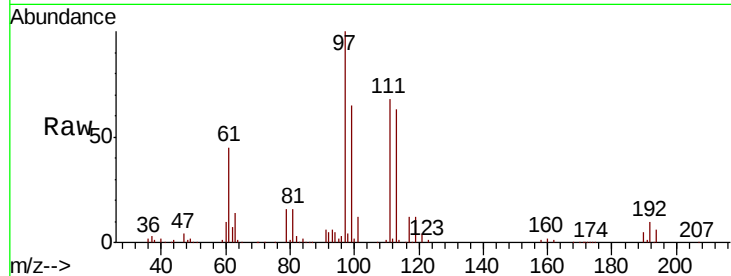




#35
 Dibromofluoromethane
 Concen: 52.879 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	17.1	13.7	20.5

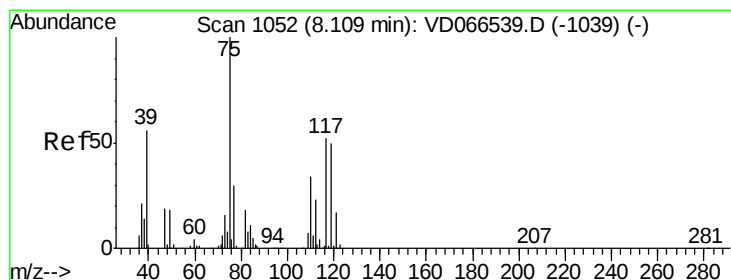
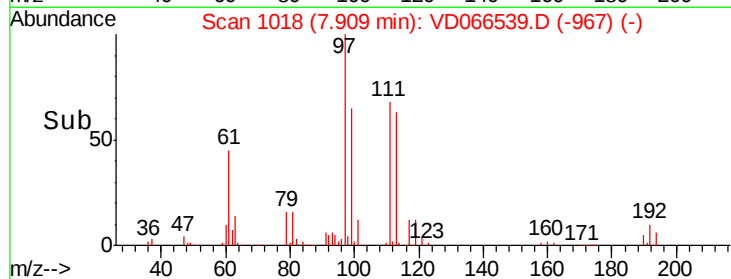
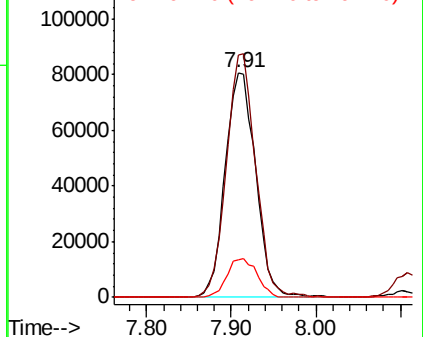


Abundance

Ion 112.80 (112.50 to 113.50): V

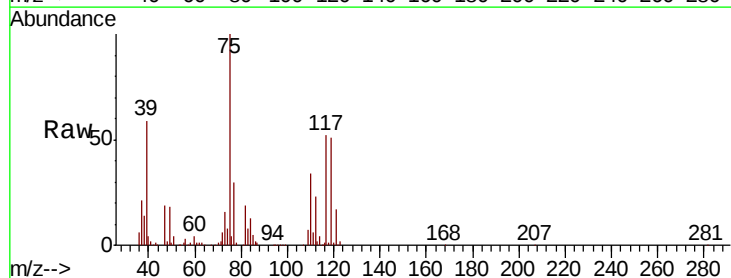
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 56.667 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.3	52.0
77	31.4	25.1	37.7

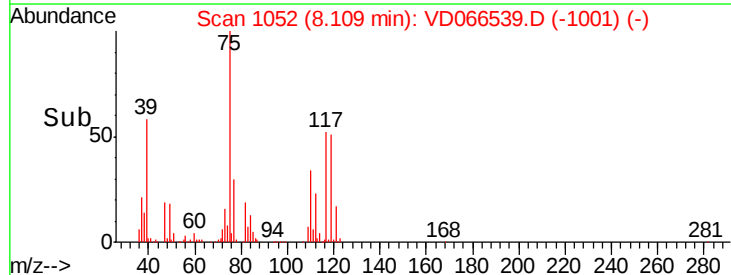
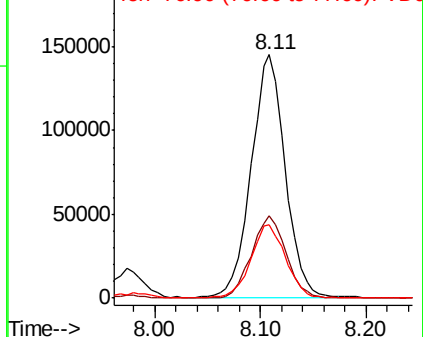


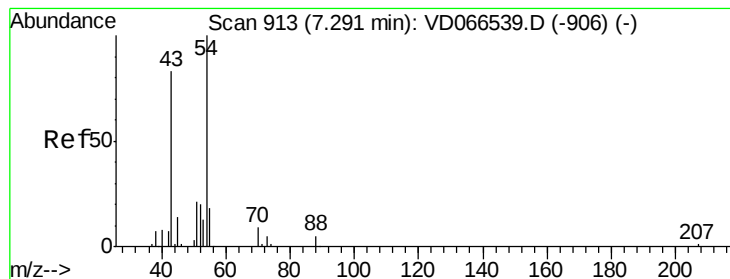
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 71.358 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

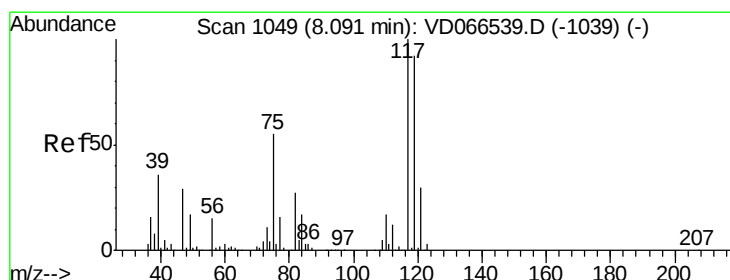
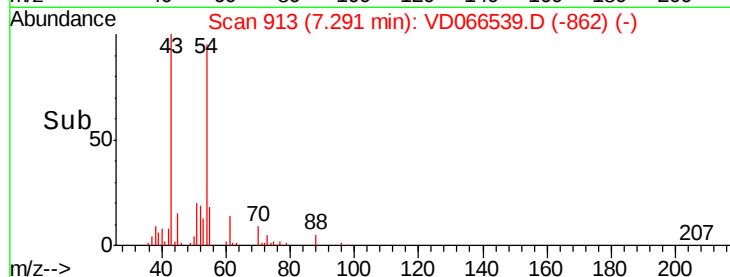
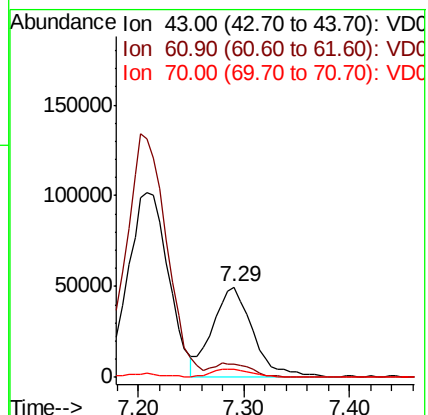
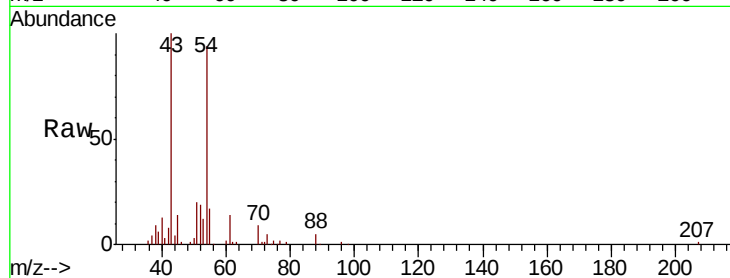
Tot Ion: 43 Resp: 130490

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.8

70 9.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 41.803 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

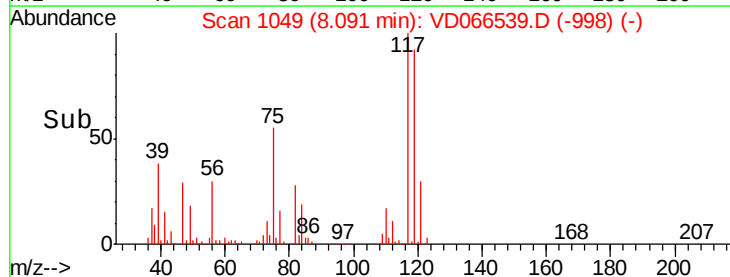
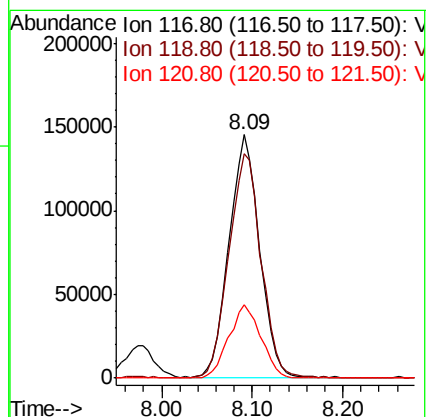
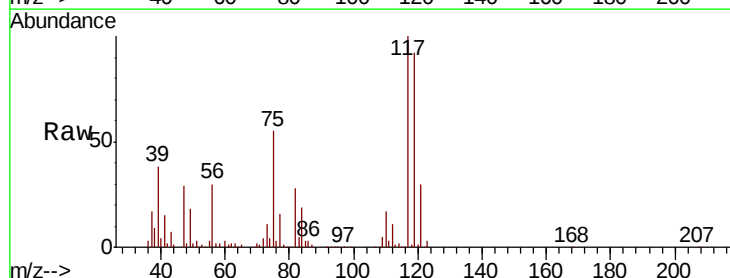
Tgt Ion: 117 Resp: 340071

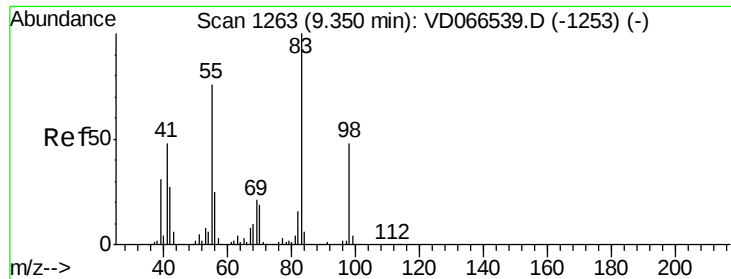
Ion Ratio Lower Upper

117 100

119 92.4 73.9 110.9

121 30.1 24.1 36.1

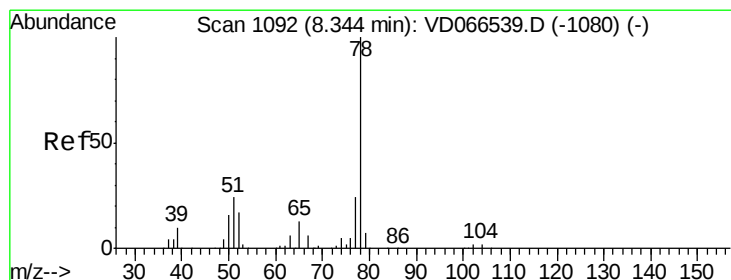
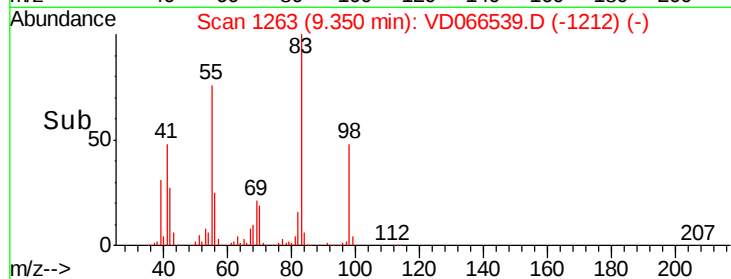
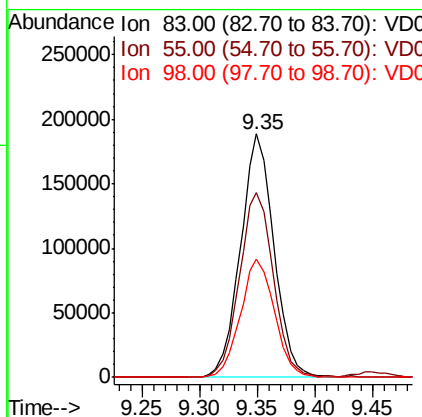
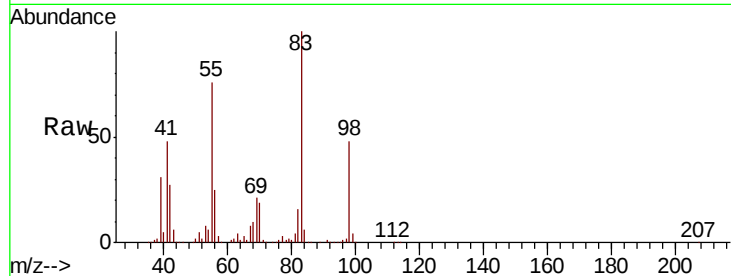




#39
Methvlcvclohexane
Concen: 56.772 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

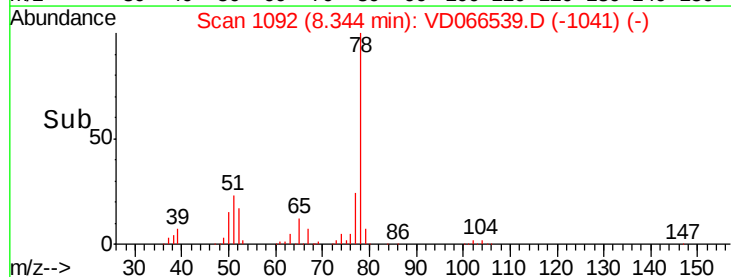
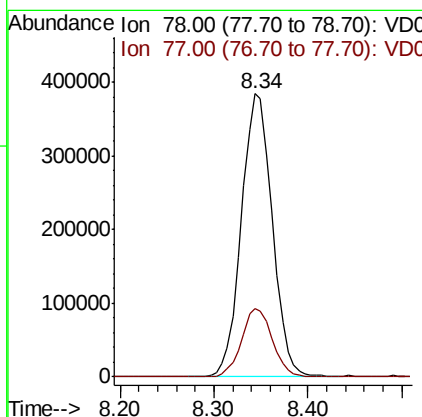
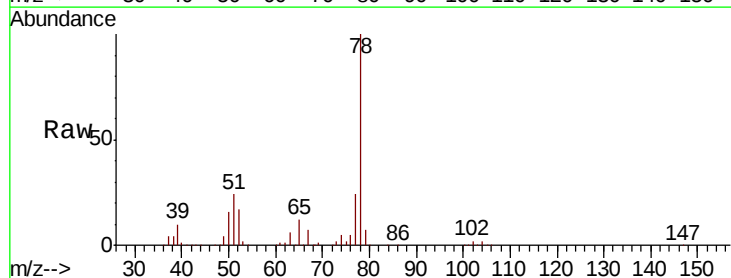
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

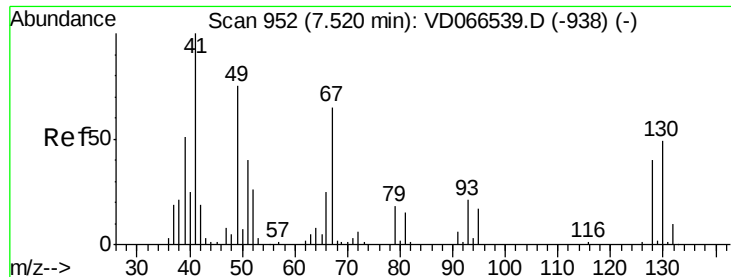
Tot Ion: 83 Resp: 378887
Ion Ratio Lower Upper
83 100
55 76.0 60.8 91.2
98 48.3 38.6 58.0



#40
Benzene
Concen: 59.158 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 78 Resp: 875869
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 72.962 ug/l

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 70973

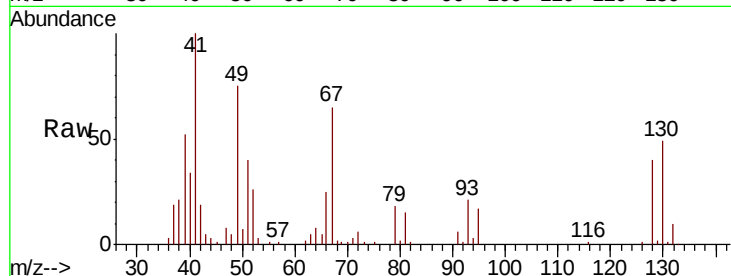
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

67 74.0 59.2 88.8

52 33.5 26.8 40.2

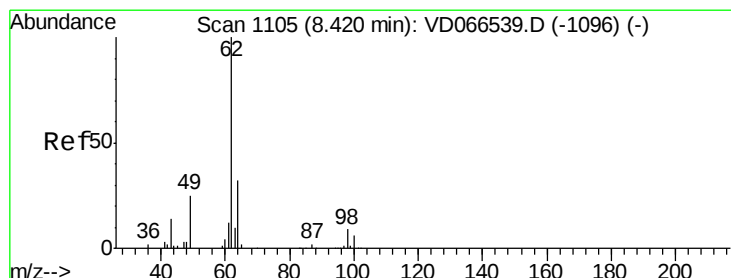
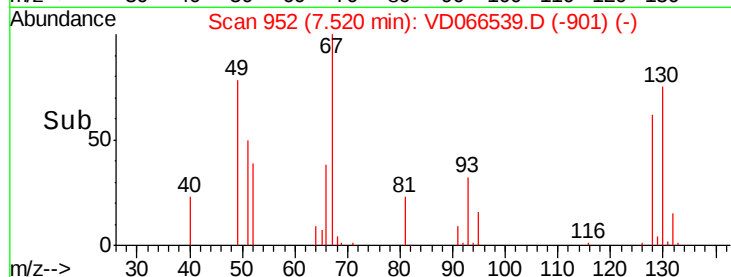
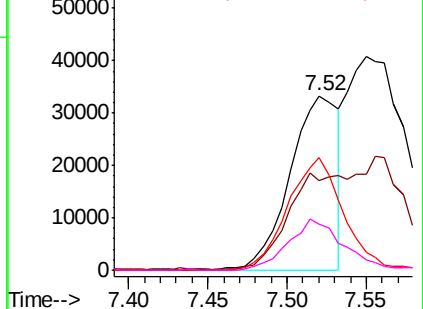


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 46.387 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066539.D

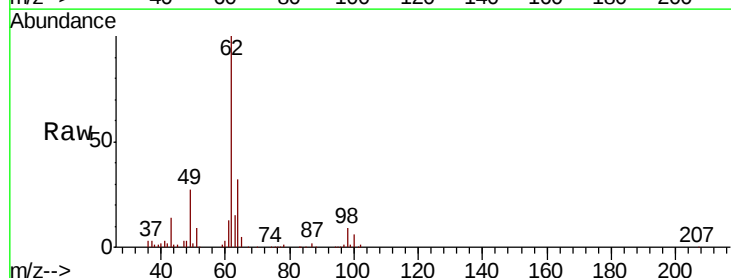
Acq: 03 Sep 2020 15:56

Tgt Ion: 62 Resp: 276881

Ion Ratio Lower Upper

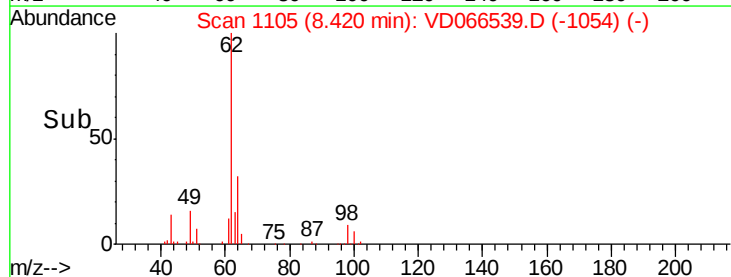
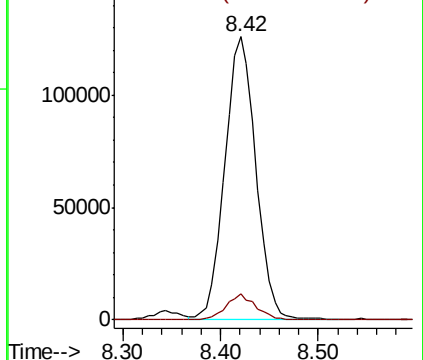
62 100

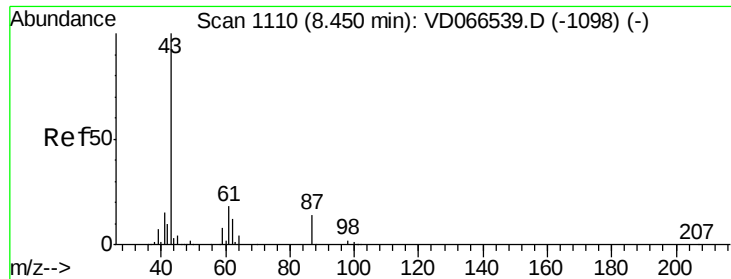
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



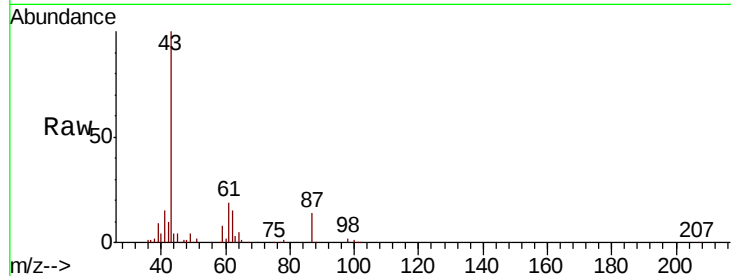


#43

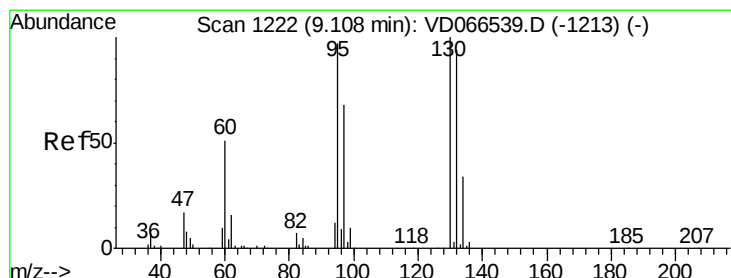
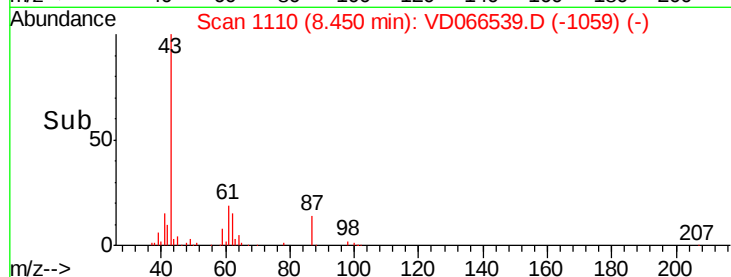
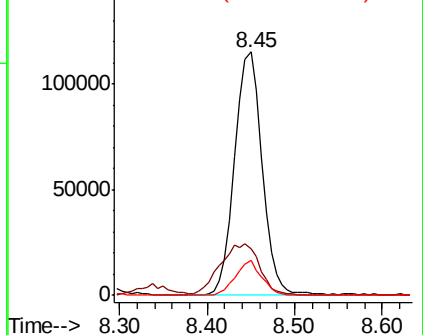
Isopropyl Acetate
 Concen: 65.888 ug/l
 RT: 8.45 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	245762
Ion Ratio	Lower	Upper	
43	100		
61	29.8	23.8	35.8
87	13.4	10.7	16.1



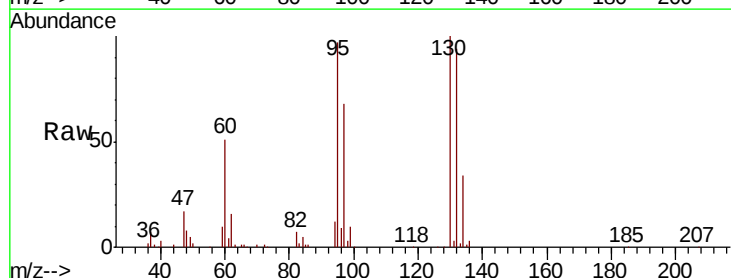
Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 61.00 (60.70 to 61.70): VDC
 Ion 87.00 (86.70 to 87.70): VDC



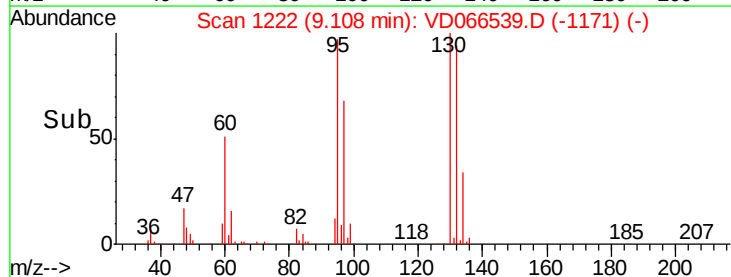
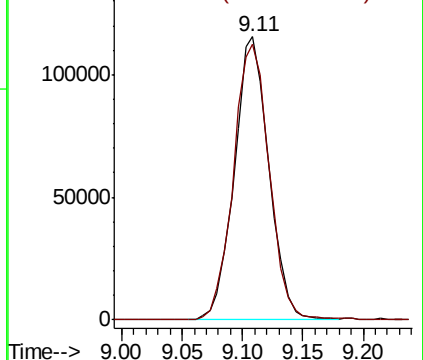
#44

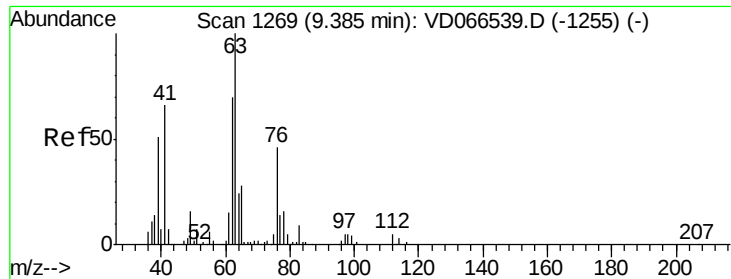
Trichloroethene
 Concen: 47.279 ug/l
 RT: 9.11 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	130	Resp	230208
Ion Ratio	Lower	Upper	
130	100		
95	97.2	0.0	194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
 Ion 94.90 (94.60 to 95.60): VDC

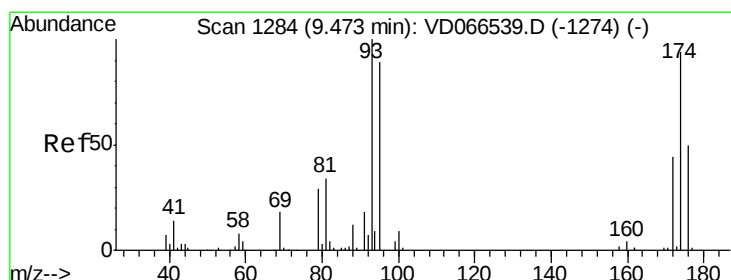
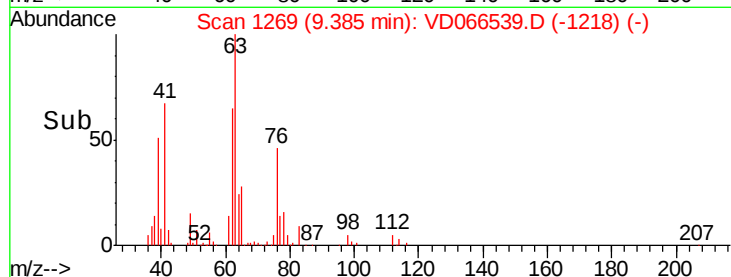
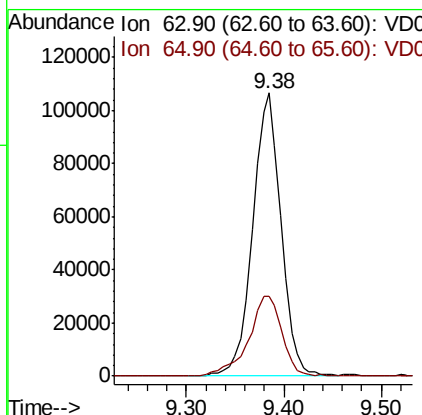
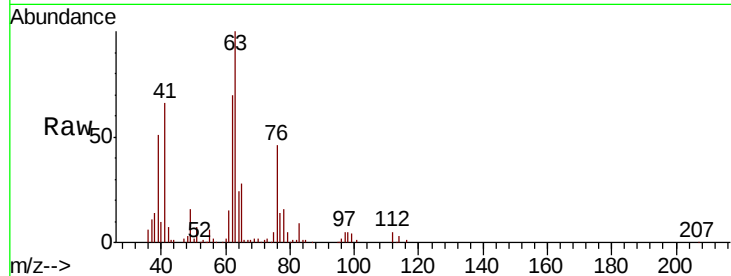




#45
 1,2-Dichloropropane
 Concen: 70.338 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

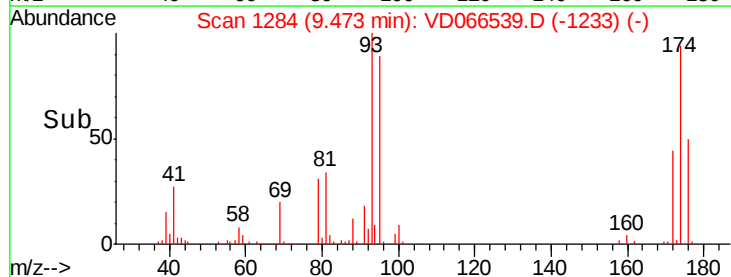
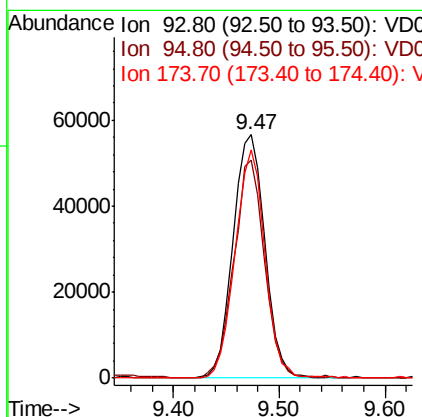
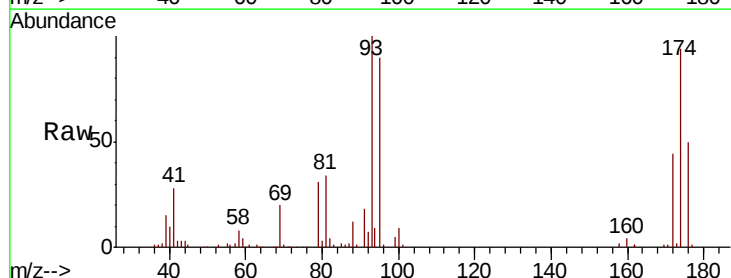
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

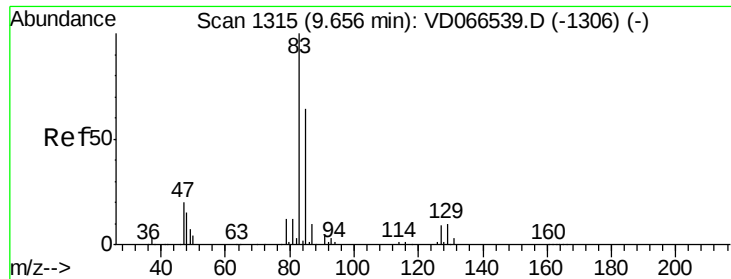
Tot Ion: 63 Resp: 217915
 Ion Ratio Lower Upper
 63 100
 65 28.3 22.6 34.0



#46
 Dibromomethane
 Concen: 55.590 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 93 Resp: 118280
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.7 103.1
 174 87.5 70.0 105.0

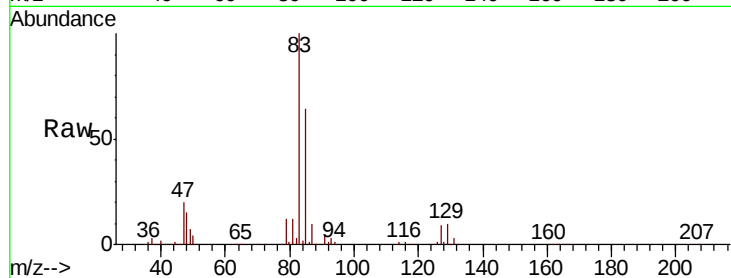




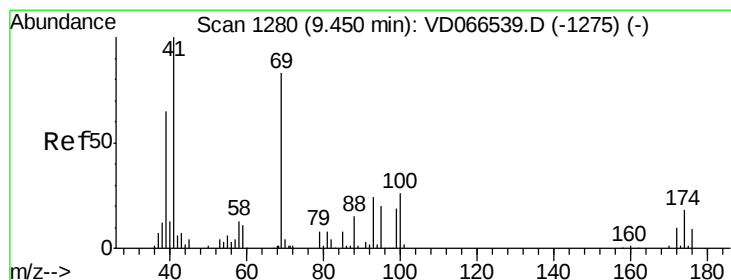
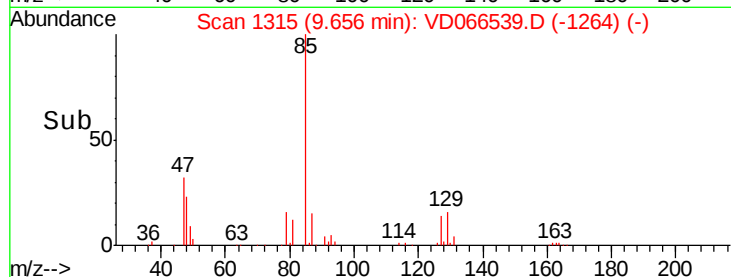
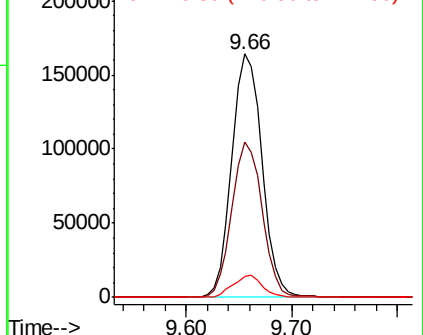
#47
Bromodichloromethane
Concen: 52.300 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 325730
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.6 6.9 10.3

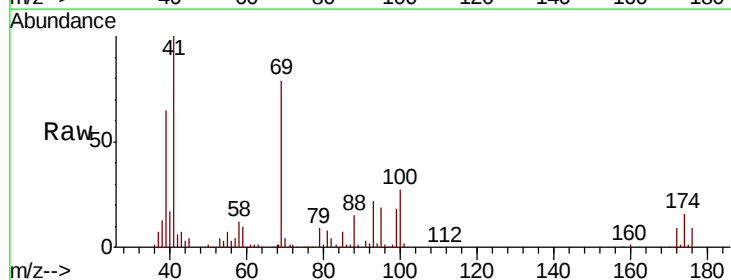


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

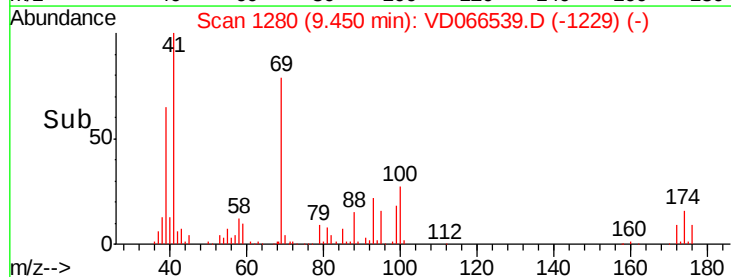
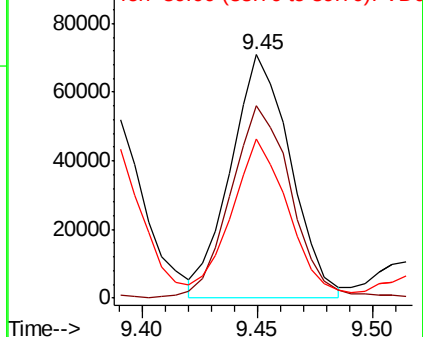


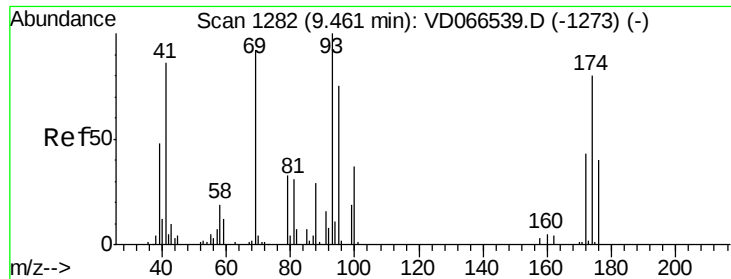
#48
Methyl methacrylate
Concen: 66.793 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 41 Resp: 127135
Ion Ratio Lower Upper
41 100
69 80.6 64.5 96.7
39 58.2 46.6 69.8



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





#49

1,4-Dioxane

Concen: 1118.608 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

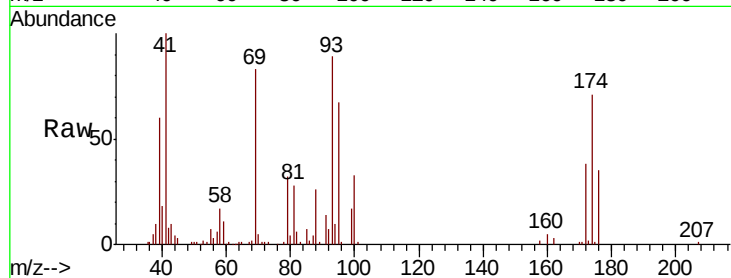
Tot Ion: 88 Resp: 27543

Ion Ratio Lower Upper

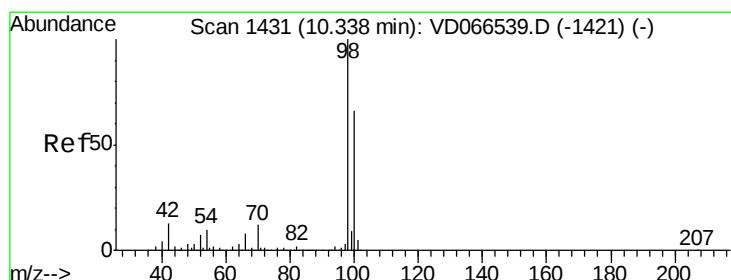
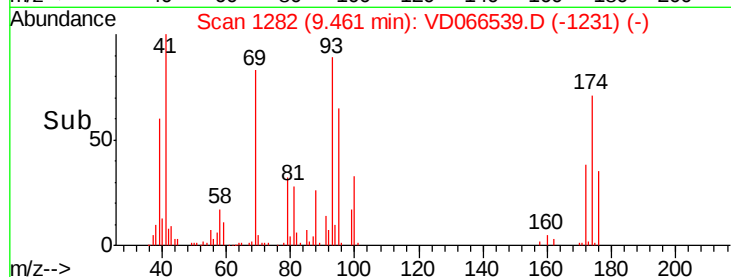
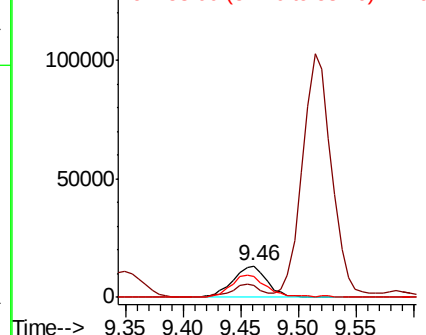
88 100

43 35.4 28.3 42.5

58 70.1 56.1 84.1



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: 52.783 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066539.D

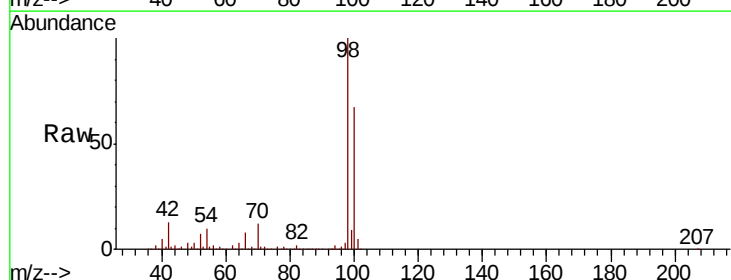
Acq: 03 Sep 2020 15:56

Tgt Ion: 98 Resp: 748064

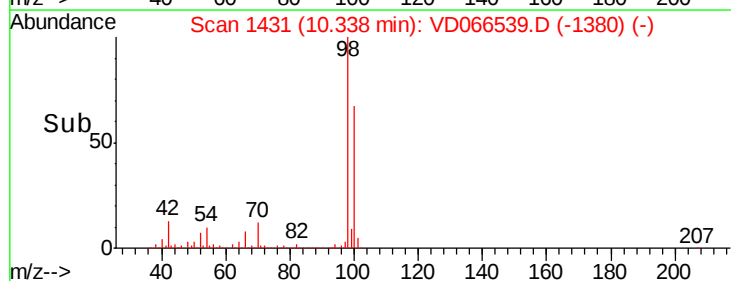
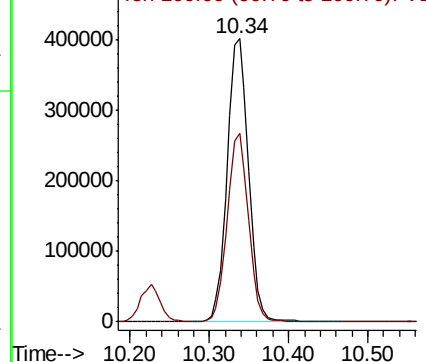
Ion Ratio Lower Upper

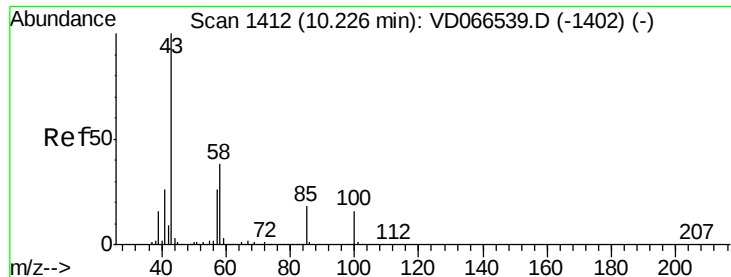
98 100

100 66.1 52.9 79.3



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

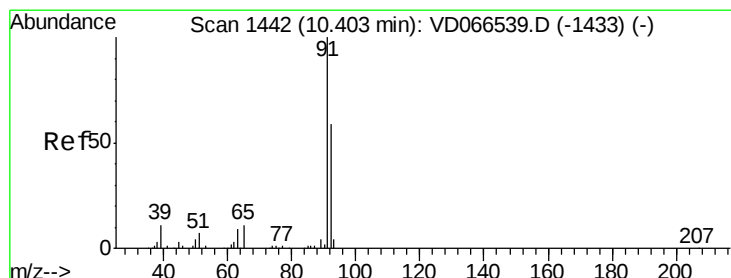
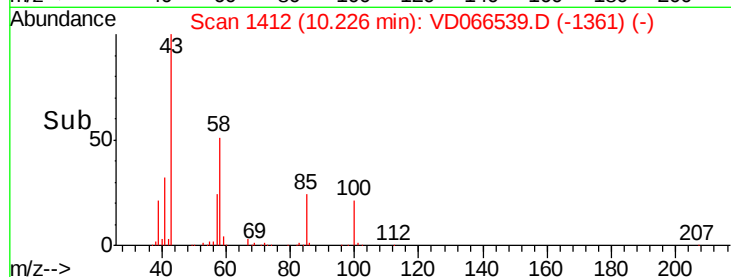
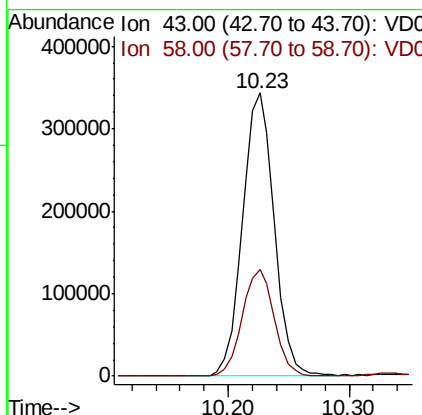
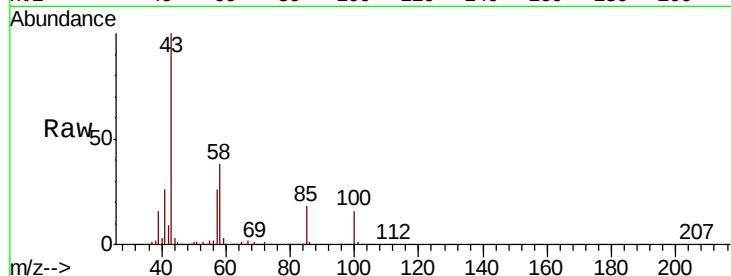




#51
 4-Methyl-2-Pentanone
 Concen: 358.633 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

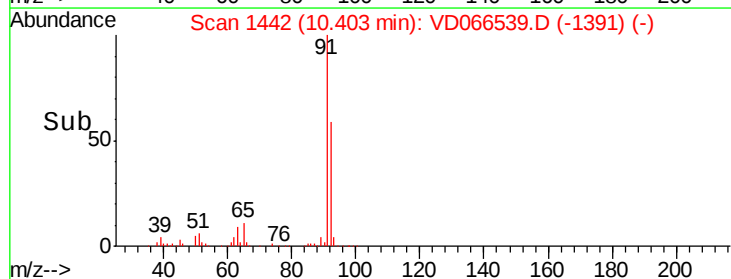
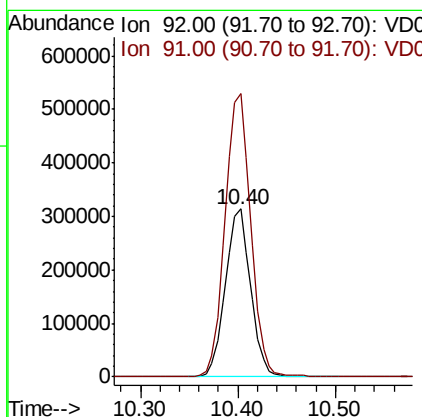
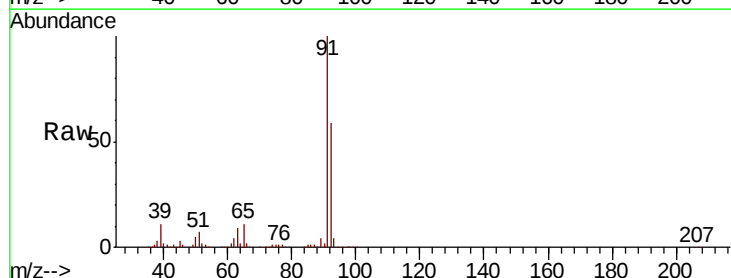
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

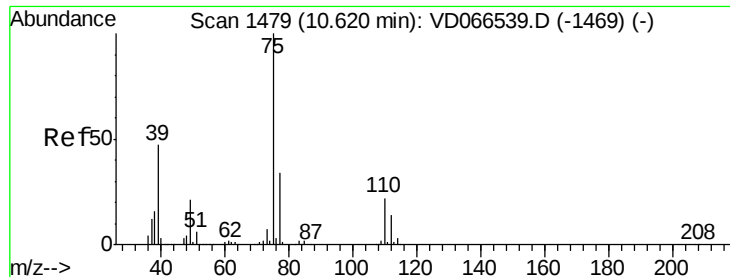
Tot Ion: 43 Resp: 627469
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.5 45.7



#52
 Toluene
 Concen: 54.599 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 92 Resp: 563969
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.4 206.2

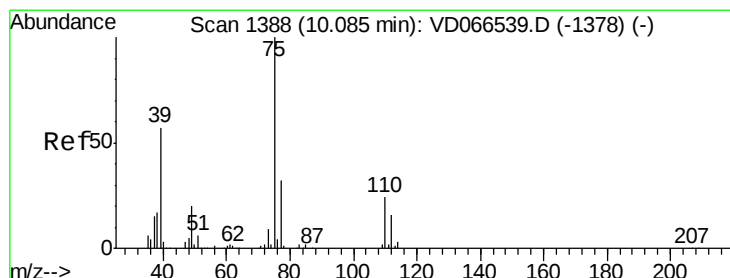
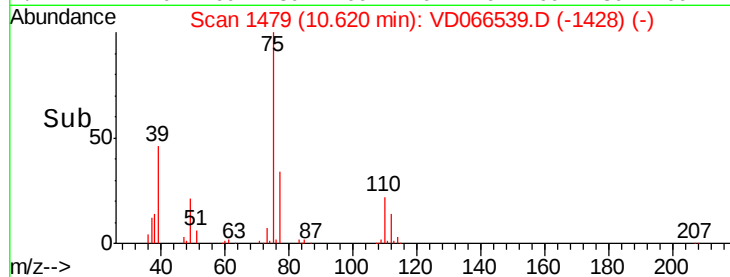
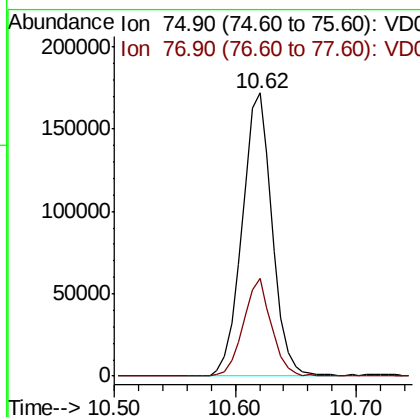
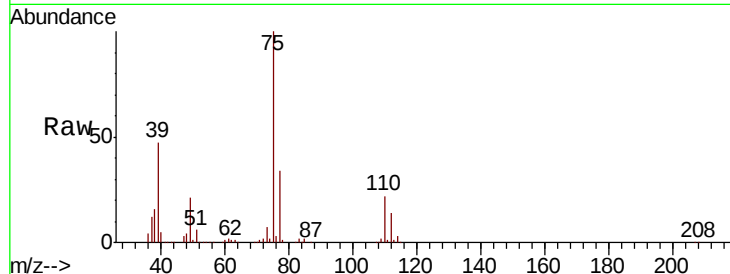




#53
 t-1,3-Dichloropropene
 Concen: 52.680 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

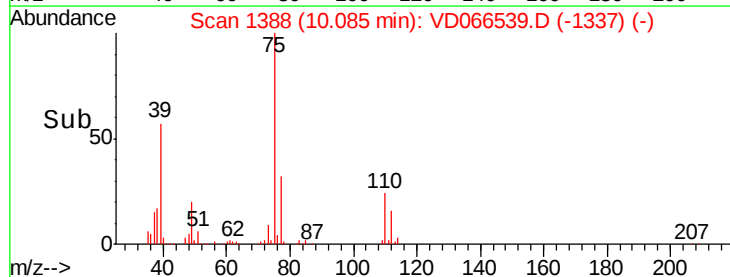
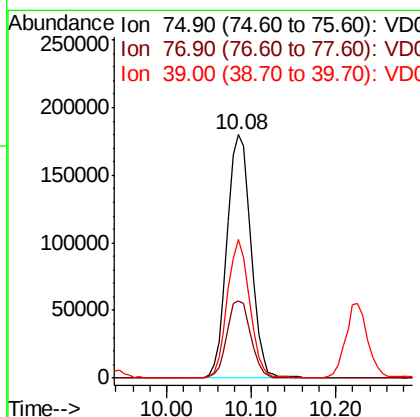
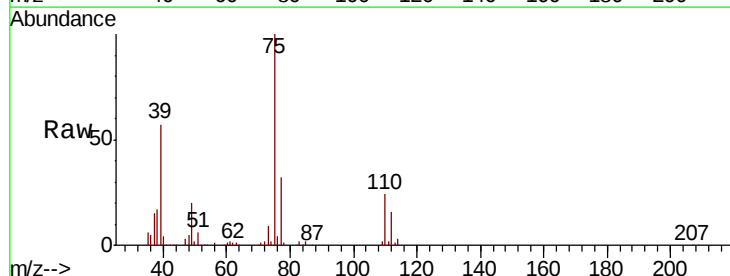
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

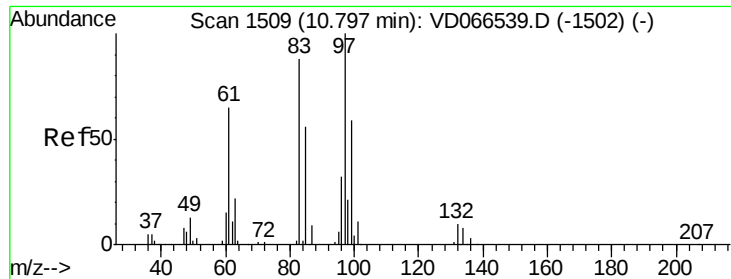
Tot Ion: 75 Resp: 297862
 Ion Ratio Lower Upper
 75 100
 77 34.3 27.4 41.2



#54
 cis-1,3-Dichloropropene
 Concen: 57.140 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 75 Resp: 348740
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 56.7 45.4 68.0

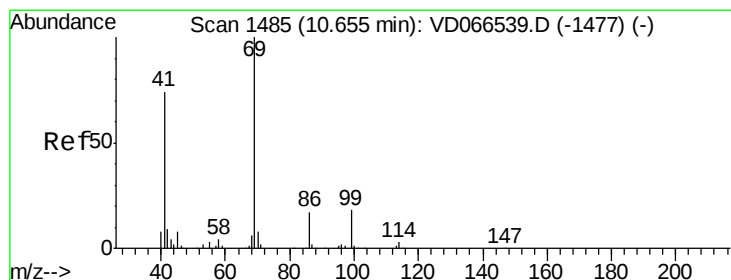
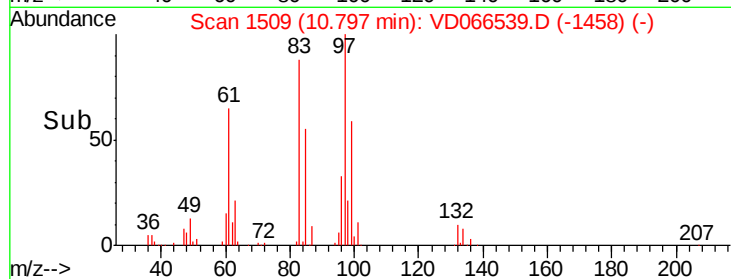
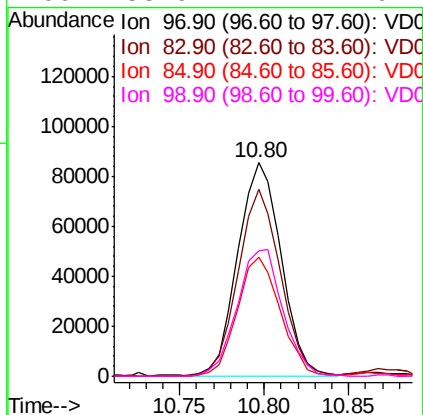
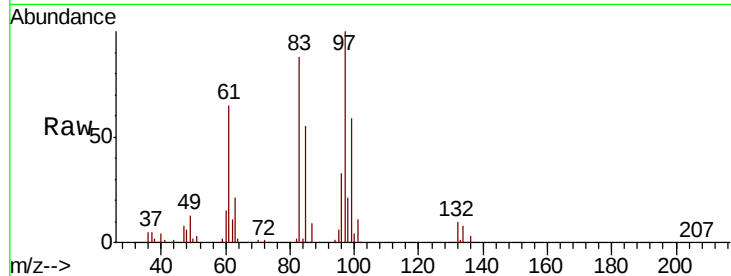




#55
 1,1,2-Trichloroethane
 Concen: 56.538 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

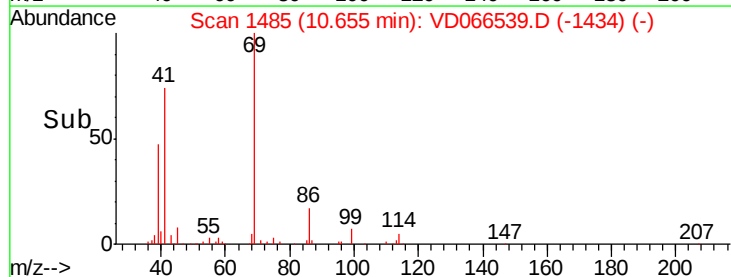
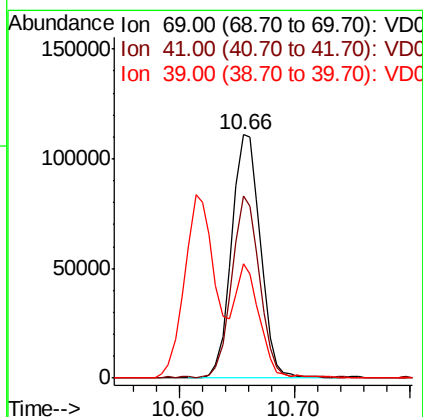
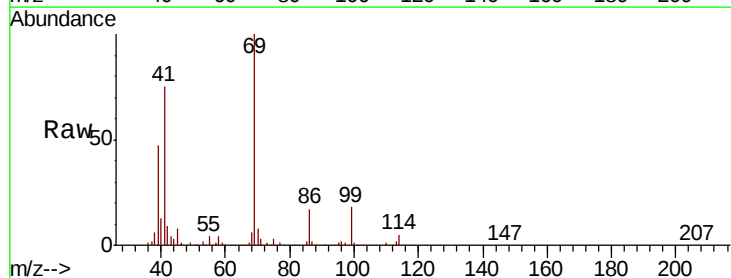
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

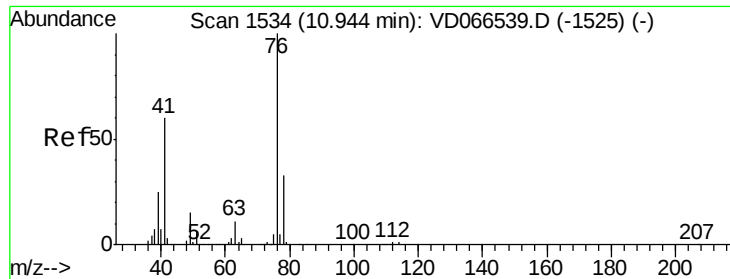
Tot Ion:	97	Resp:	152293
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.1	105.1
85	55.6	44.5	66.7
99	58.9	47.1	70.7



#56
 Ethyl methacrylate
 Concen: 59.842 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion:	69	Resp:	192287
Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.8	85.2
39	38.3	30.6	46.0

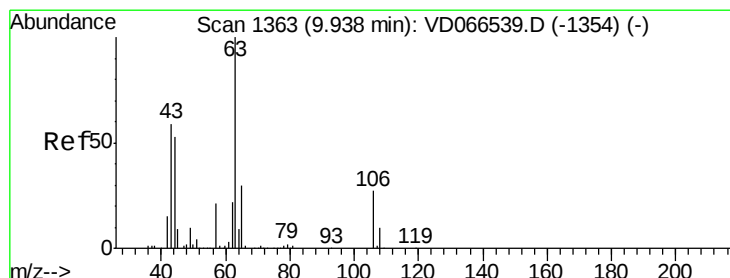
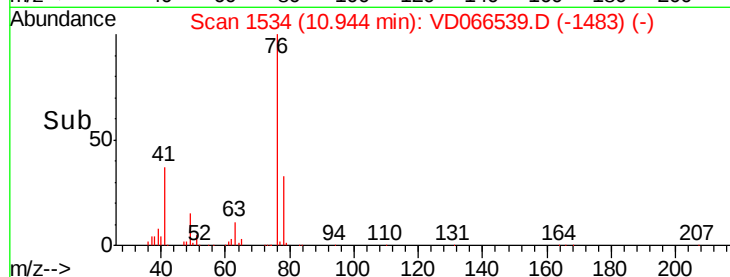
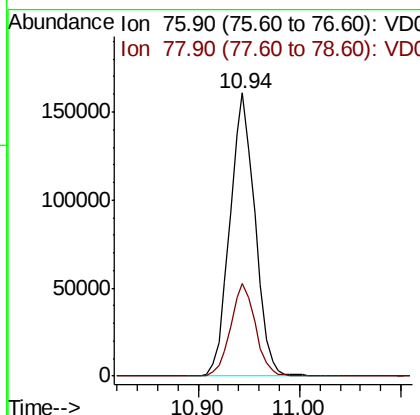
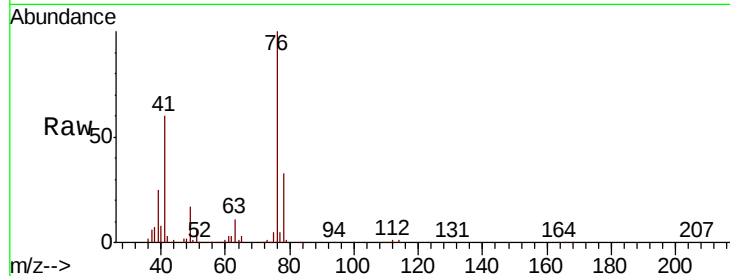




#57
 1,3-Dichloropropane
 Concen: 61.098 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

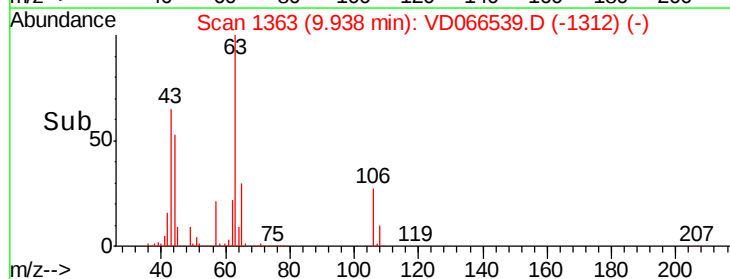
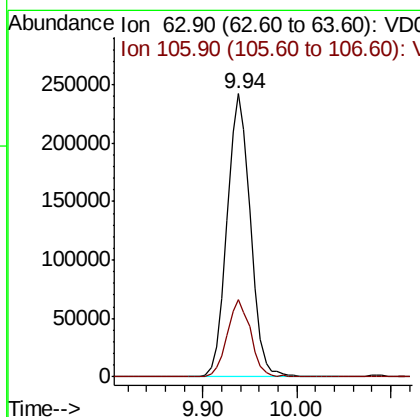
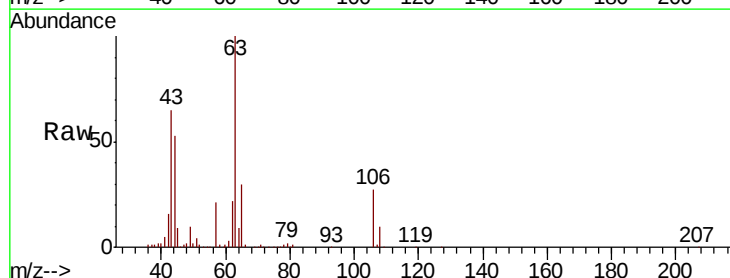
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

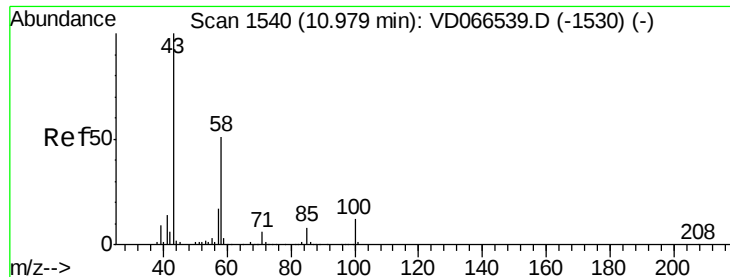
Tot Ion: 76 Resp: 276193
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 322.576 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 63 Resp: 417442
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.0 33.0

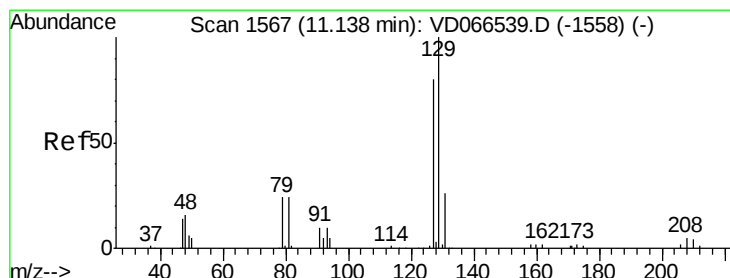
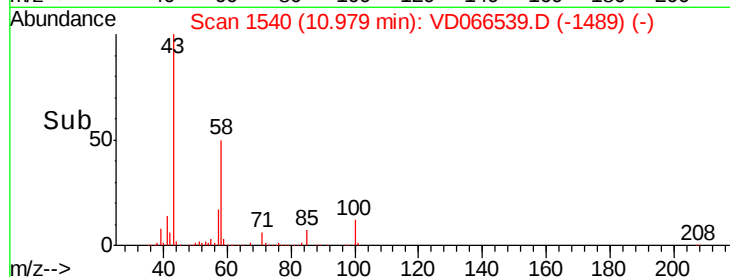
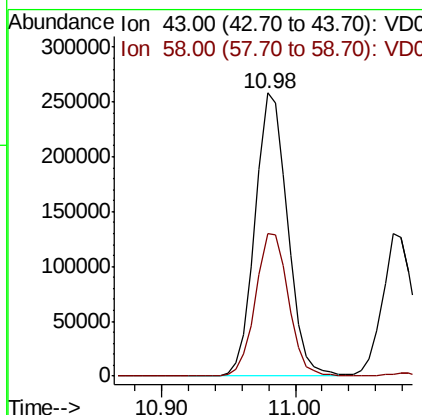
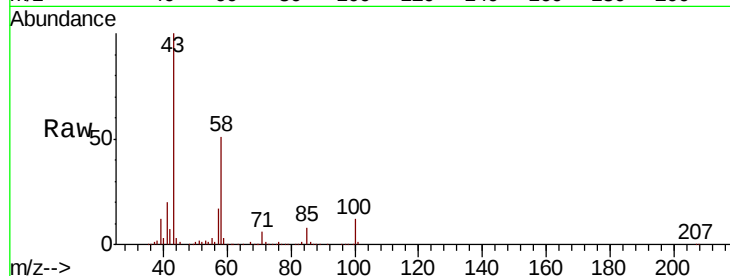




#59
2-Hexanone
Concen: 345.552 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

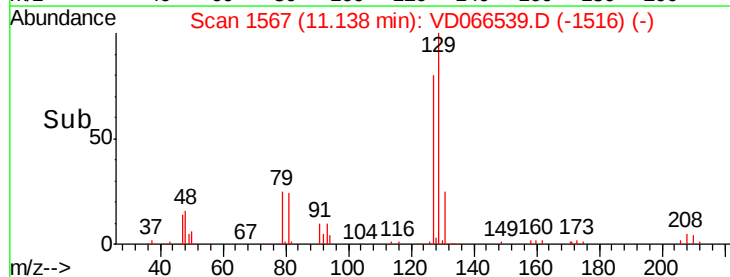
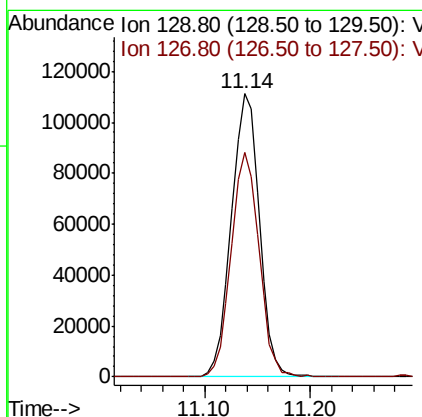
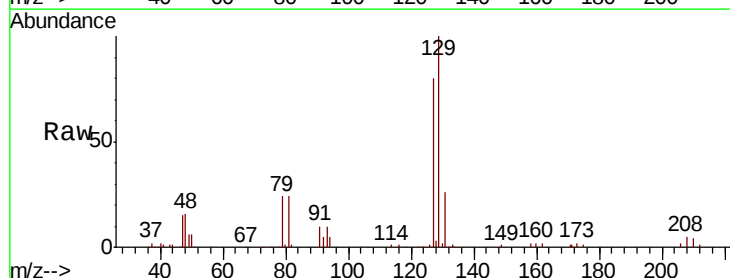
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

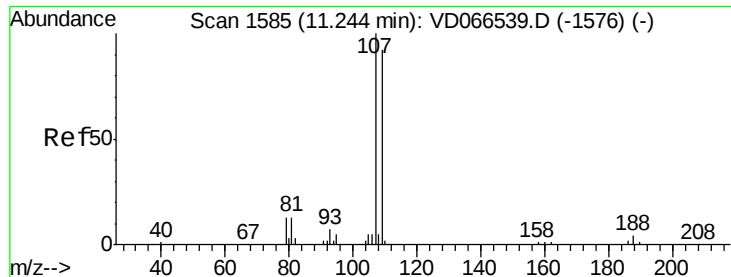
Tot Ion: 43 Resp: 433725
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8



#60
Dibromochloromethane
Concen: 47.458 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 129 Resp: 203722
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.3

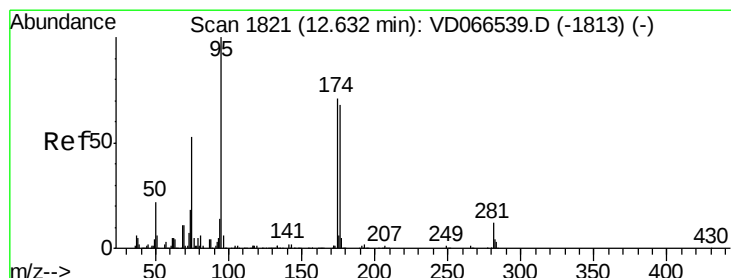
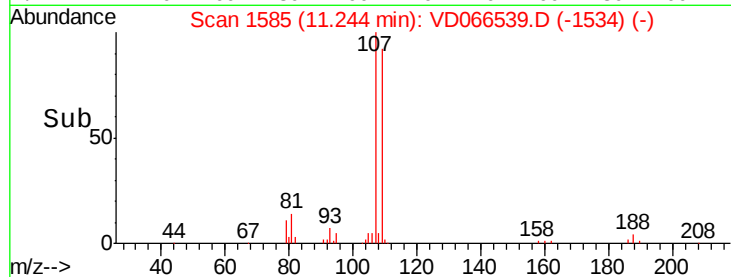
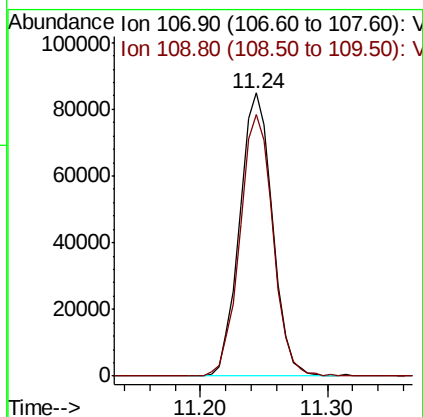
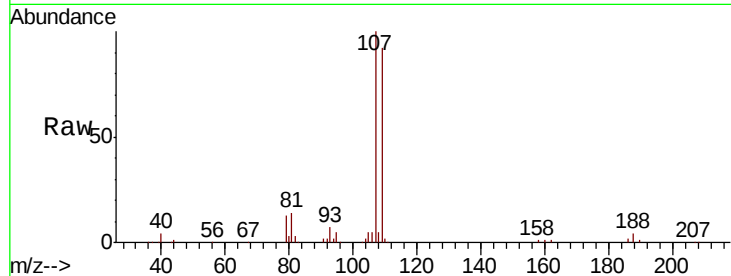




#61
 1,2-Dibromoethane
 Concen: 55.525 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

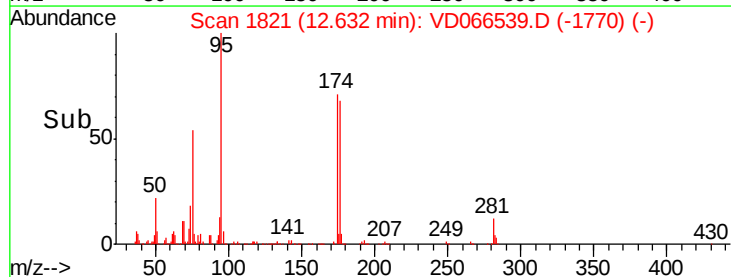
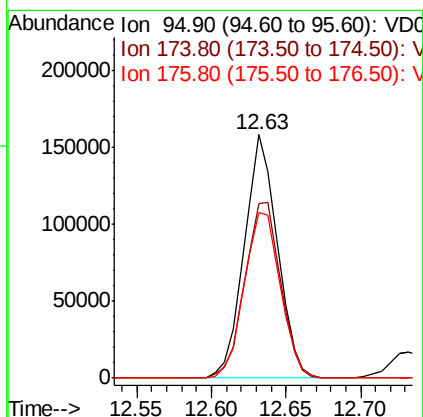
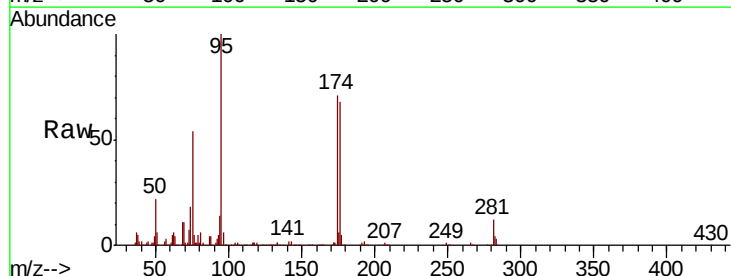
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

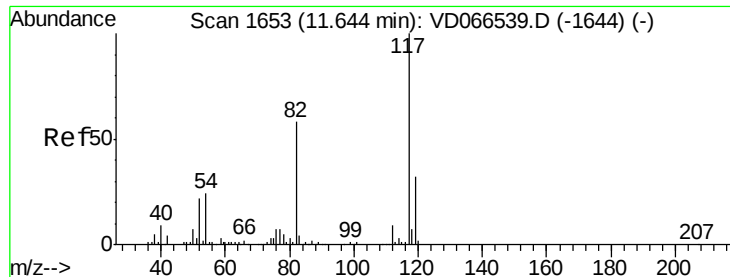
Tot Ion:107 Resp: 152685
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 48.134 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 95 Resp: 242744
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 155.8
 176 74.3 0.0 148.6

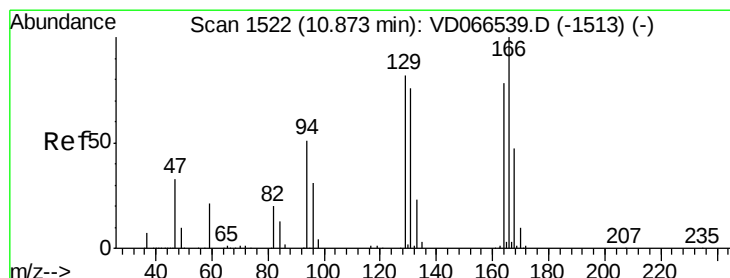
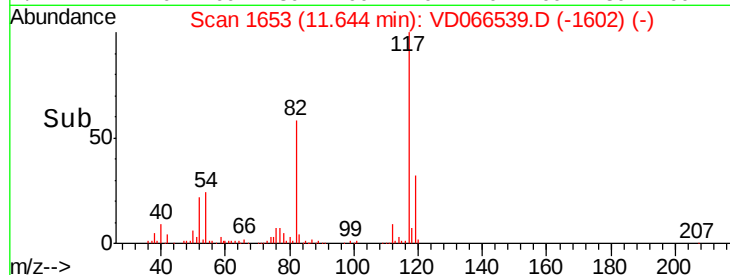
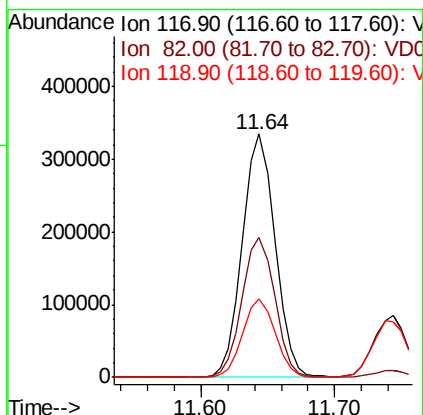
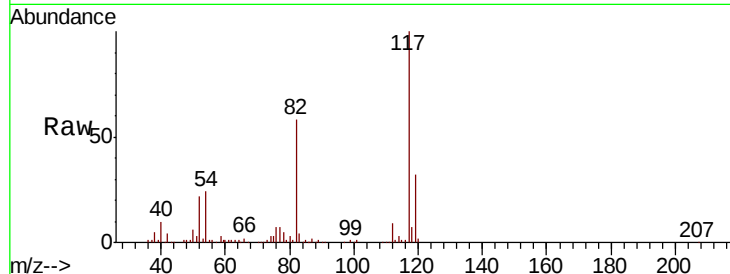




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

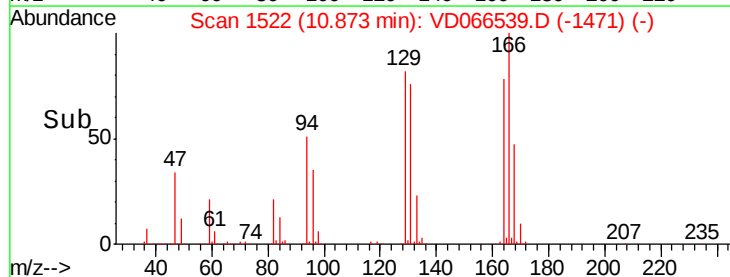
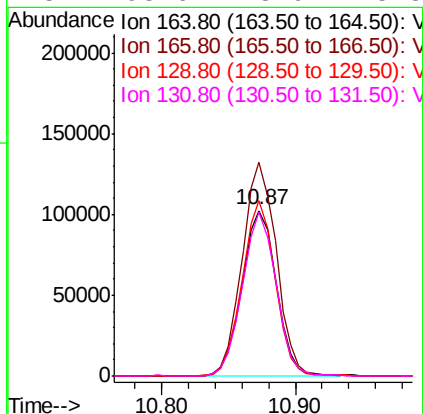
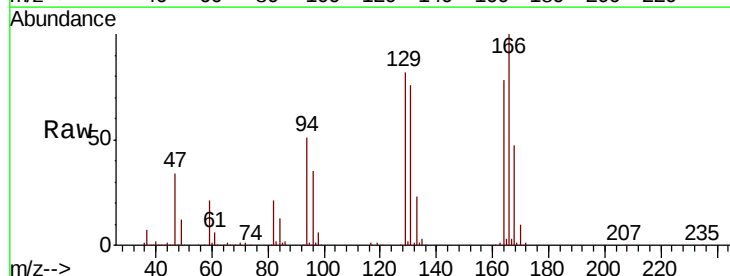
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

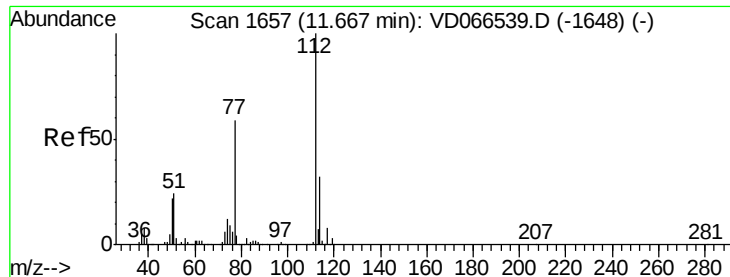
Tot Ion:117 Resp: 569201
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 42.392 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion:164 Resp: 182666
Ion Ratio Lower Upper
164 100
166 129.0 103.2 154.8
129 105.6 84.5 126.7
131 98.6 78.9 118.3





#65

Chlorobenzene

Concen: 51.194 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

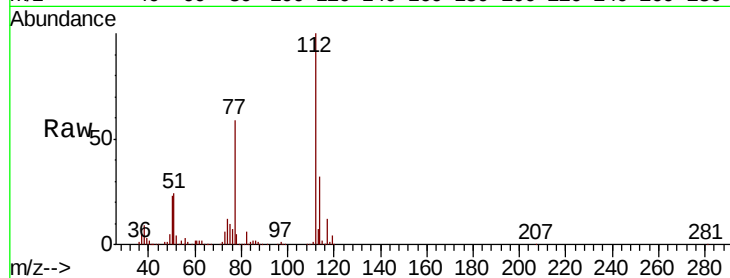
VSTDICCC050

Tot Ion:112 Resp: 572439

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

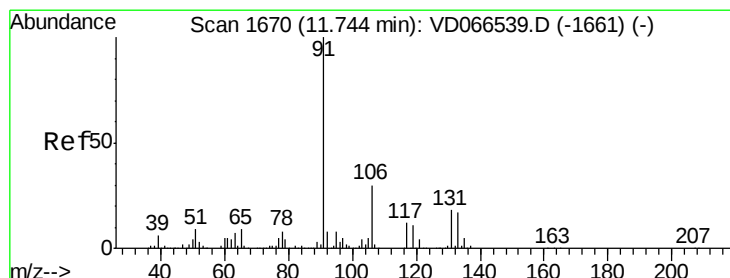
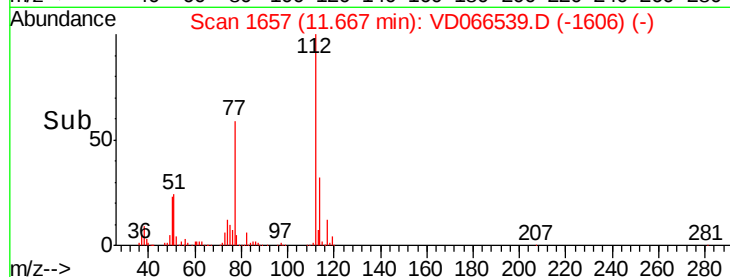
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 46.871 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

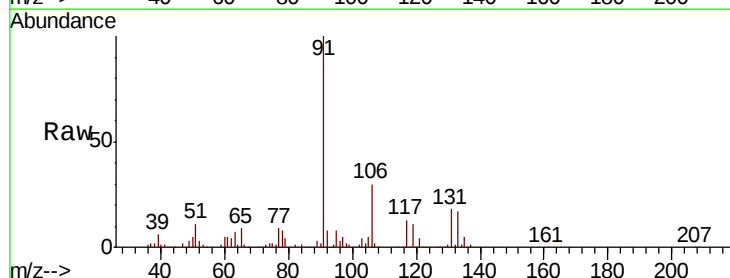
Tgt Ion:131 Resp: 218310

Ion Ratio Lower Upper

131 100

133 93.3 46.7 140.0

119 63.8 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

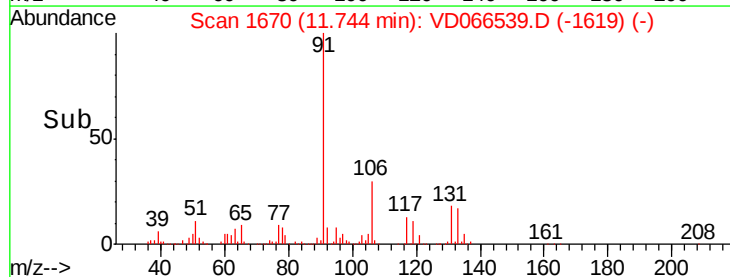
150000

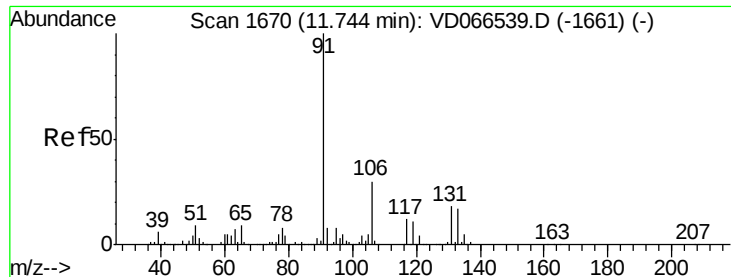
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 54.215 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

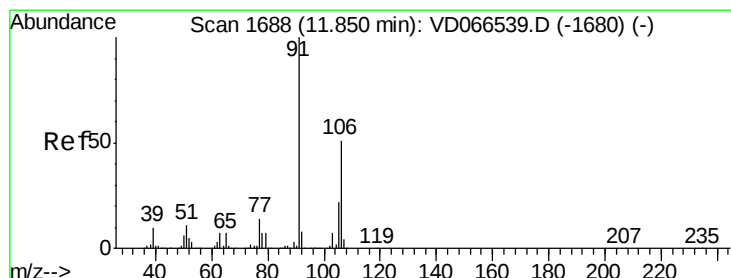
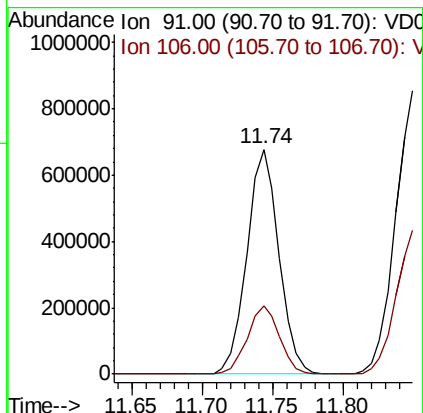
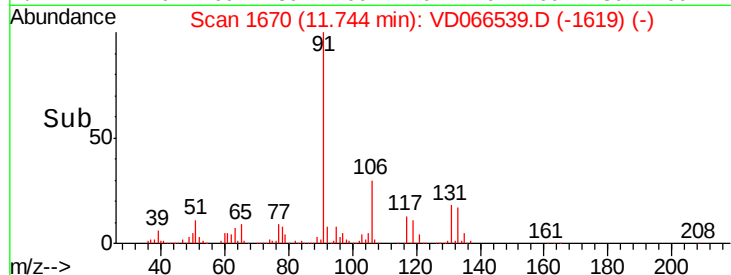
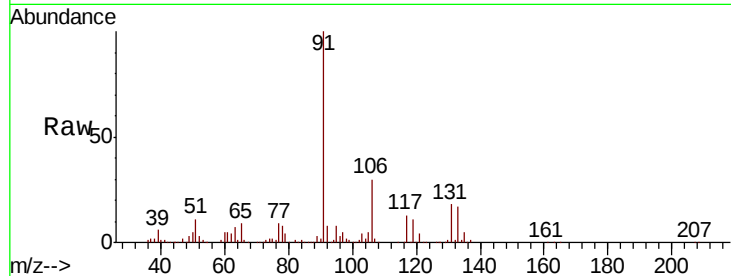
VSTDICCC050

Tot Ion: 91 Resp: 1079409

Ion Ratio Lower Upper

91 100

106 30.4 24.3 36.5



#68

m/p-Xylenes

Concen: 107.307 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066539.D

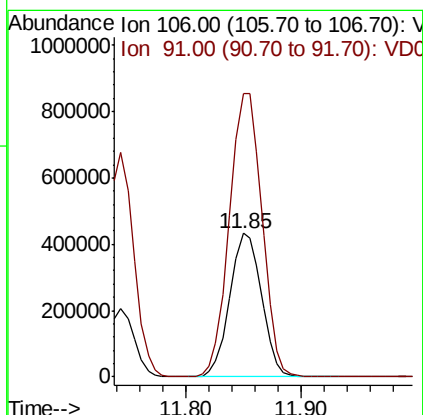
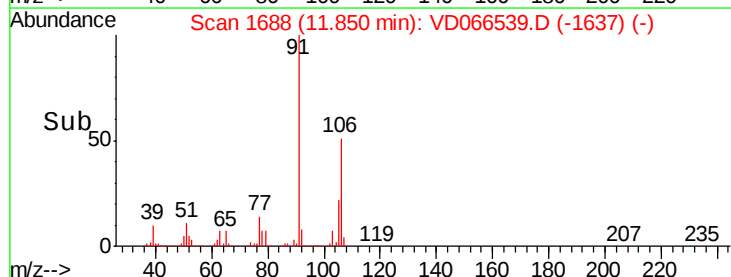
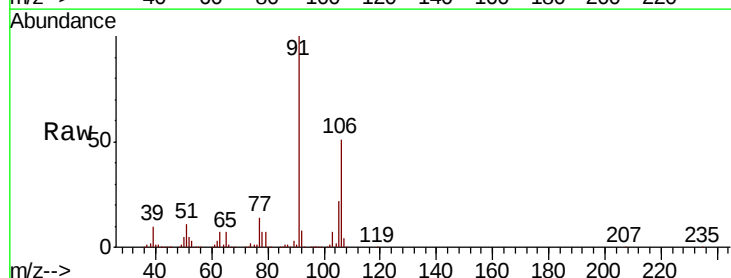
Acq: 03 Sep 2020 15:56

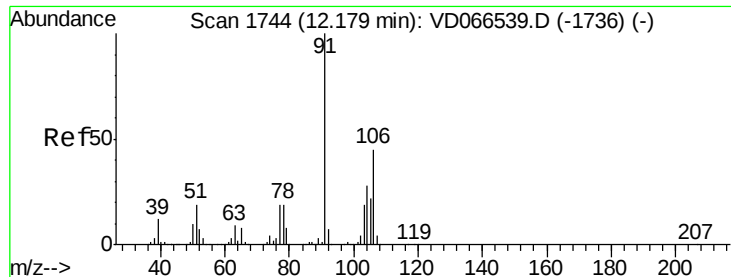
Tgt Ion: 106 Resp: 825214

Ion Ratio Lower Upper

106 100

91 203.0 162.4 243.6

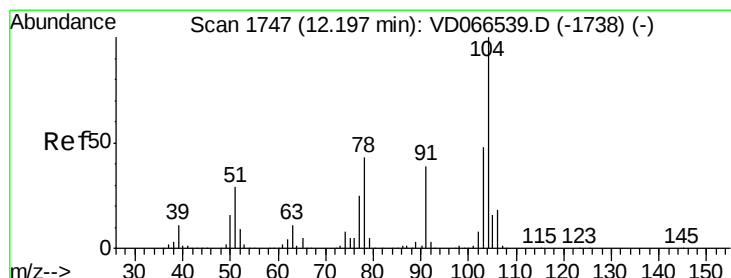
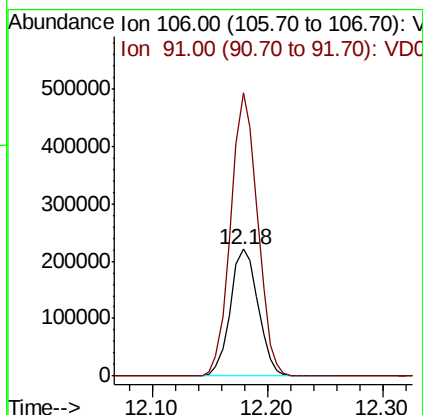
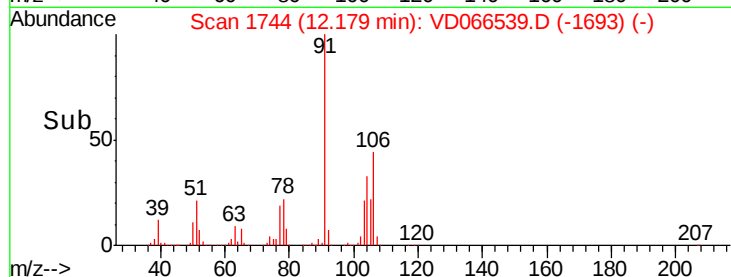
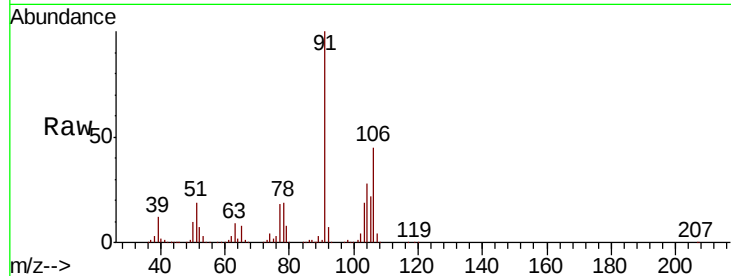




#69
o-Xylene
Concen: 50.901 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

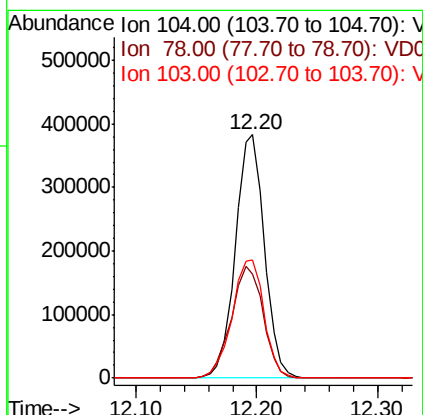
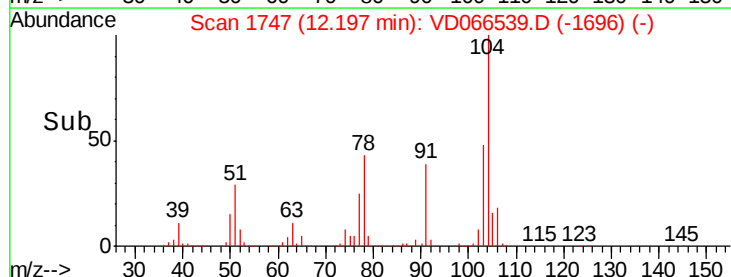
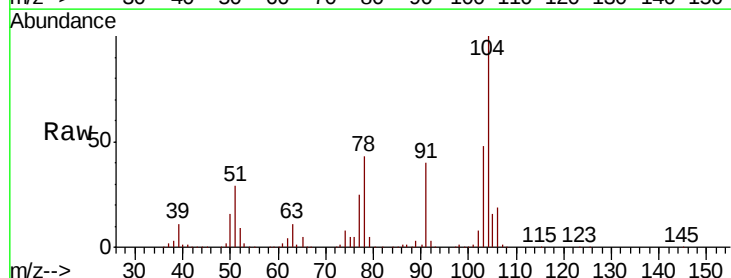
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

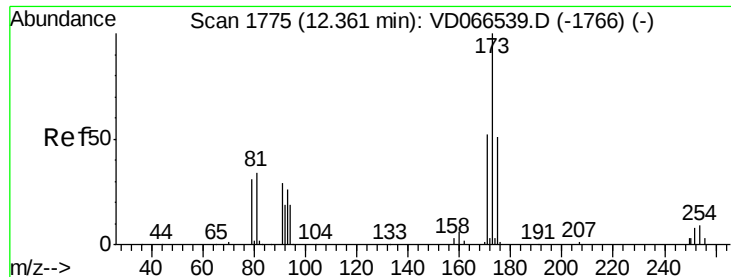
Tot Ion:106 Resp: 368458
Ion Ratio Lower Upper
106 100
91 215.9 107.9 323.8



#70
Styrene
Concen: 51.650 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion:104 Resp: 640592
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 53.6 42.9 64.3





#71

Bromoform

Concen: 43.439 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

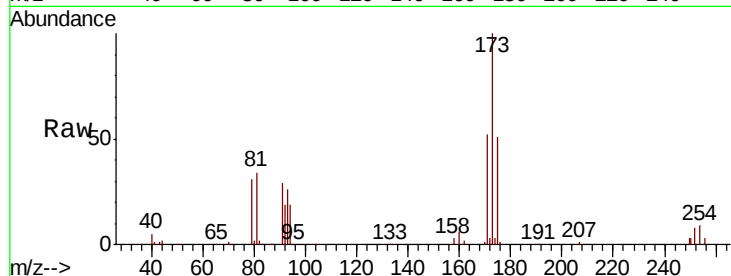
Tot Ion:173 Resp: 108913

Ion Ratio Lower Upper

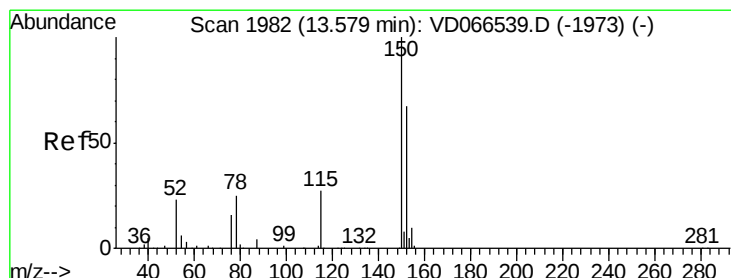
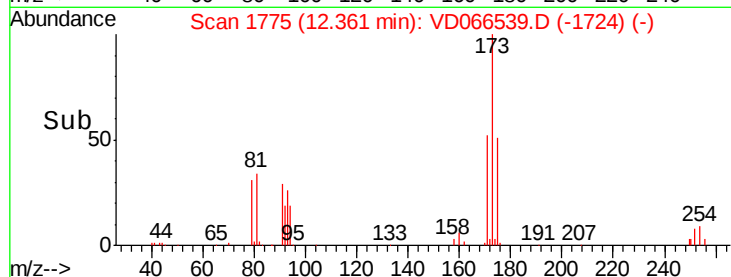
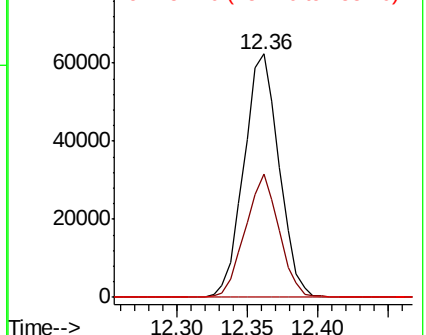
173 100

175 48.4 24.2 72.6

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

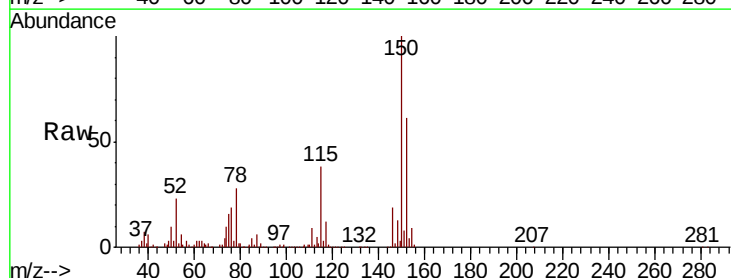
Tgt Ion:152 Resp: 269015

Ion Ratio Lower Upper

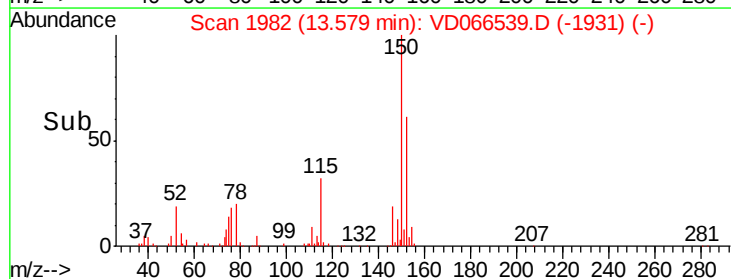
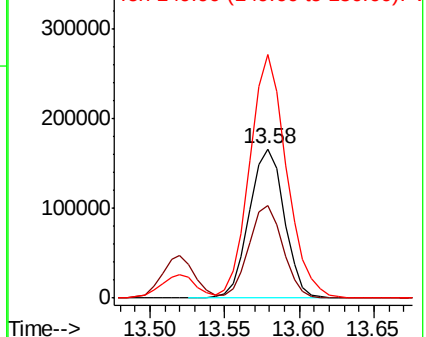
152 100

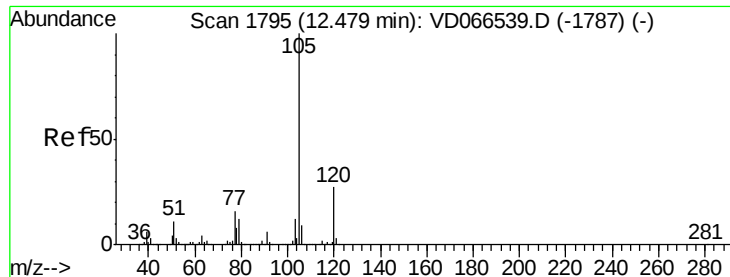
115 60.8 30.4 91.2

150 172.9 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.805 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

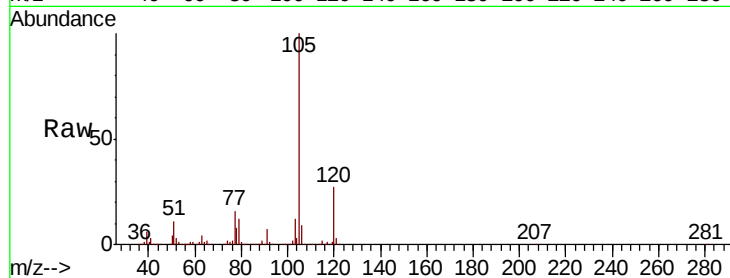
VSTDICCC050

Tot Ion:105 Resp: 1020765

Ion Ratio Lower Upper

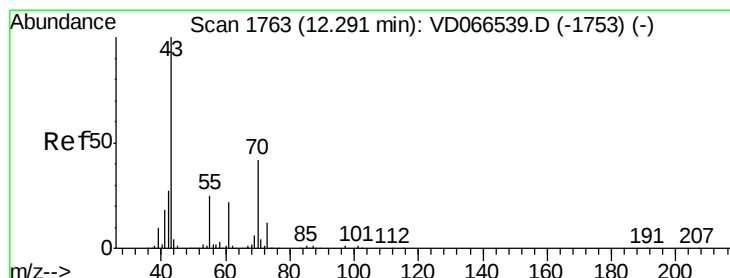
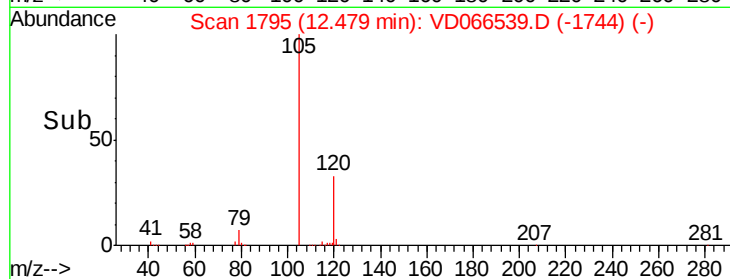
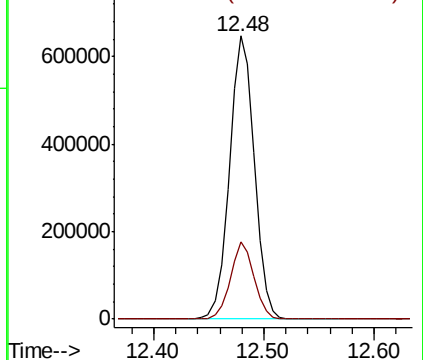
105 100

120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 75.379 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion: 43 Resp: 227011

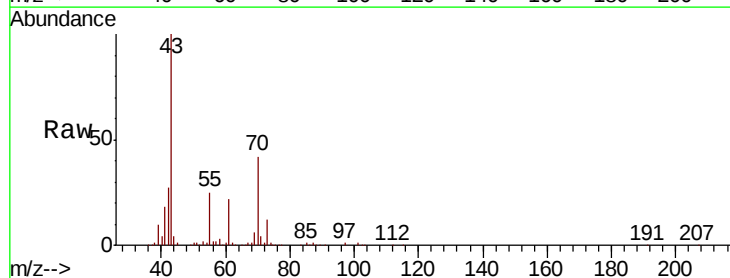
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.2

55 25.1 20.1 30.1

61 22.7 18.2 27.2

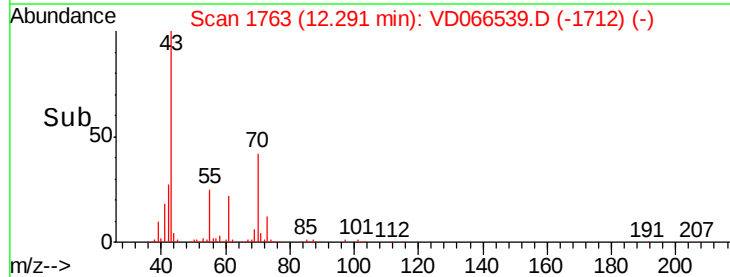
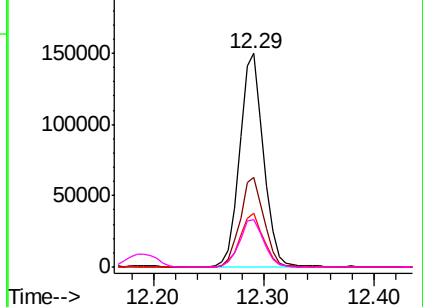


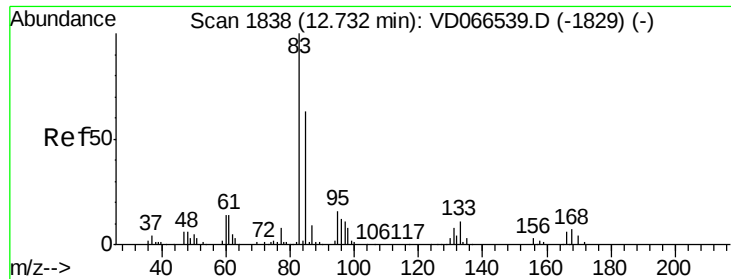
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 72.923 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

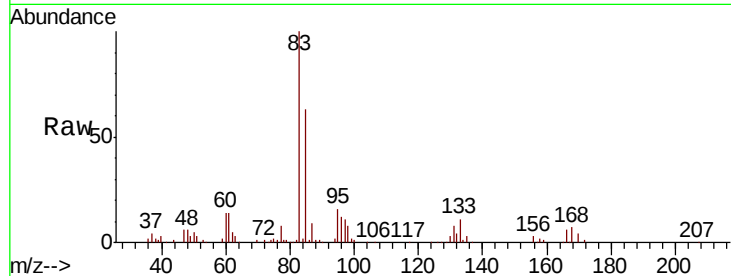
Tot Ion: 83 Resp: 171683

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

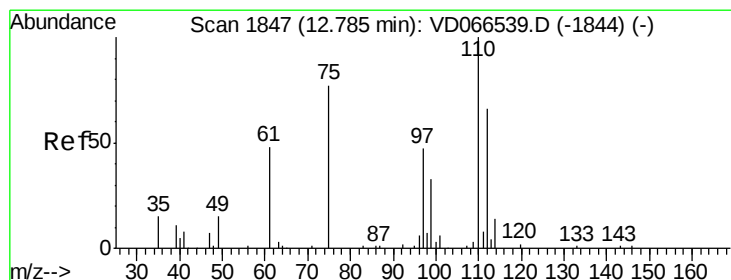
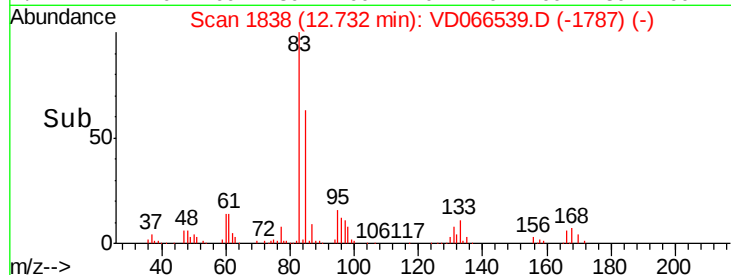
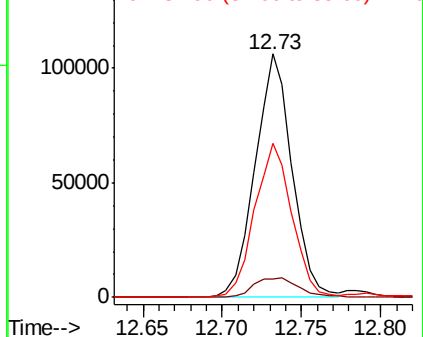
85 64.2 32.1 96.3



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: 122.365 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066539.D

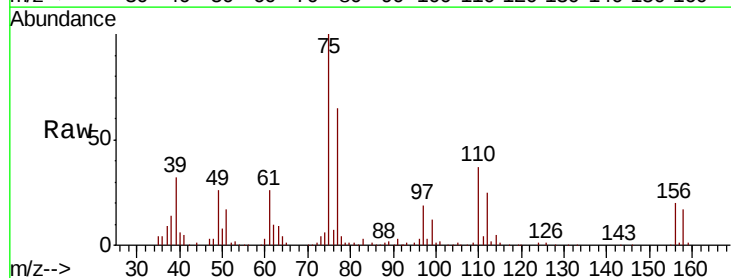
Acq: 03 Sep 2020 15:56

Tgt Ion: 75 Resp: 228359

Ion Ratio Lower Upper

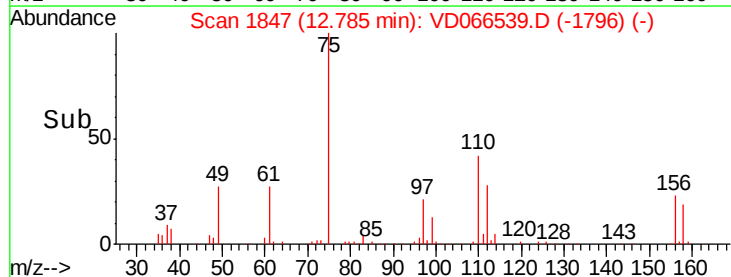
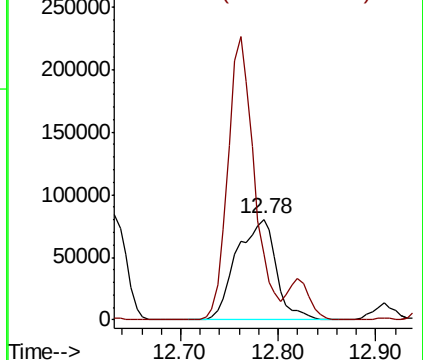
75 100

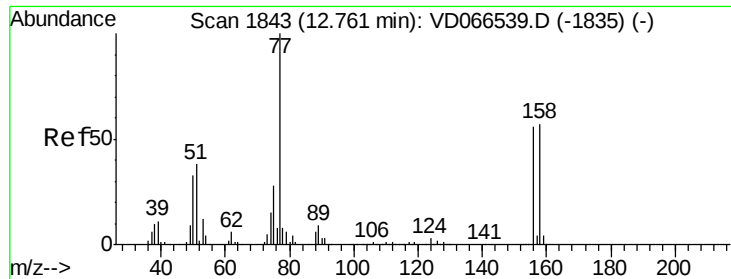
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

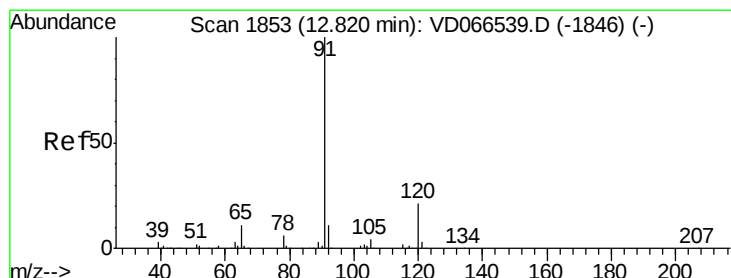
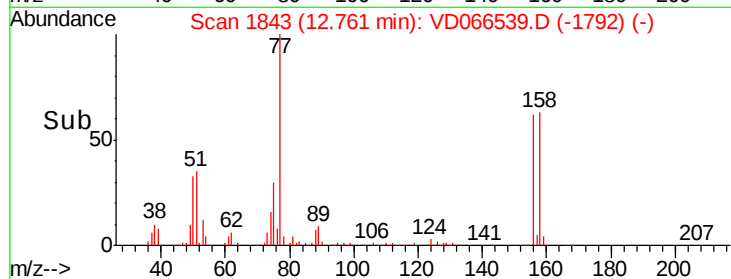
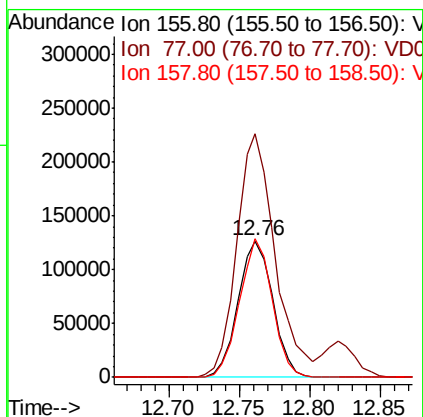
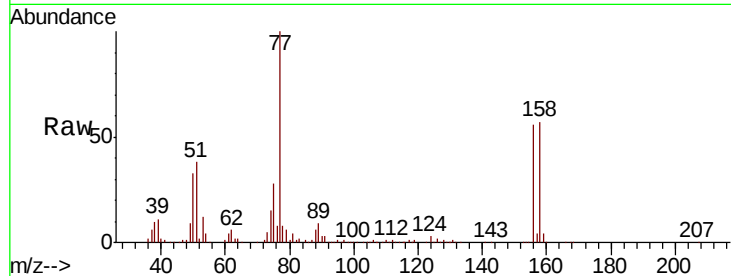




#77
Bromobenzene
Concen: 48.065 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

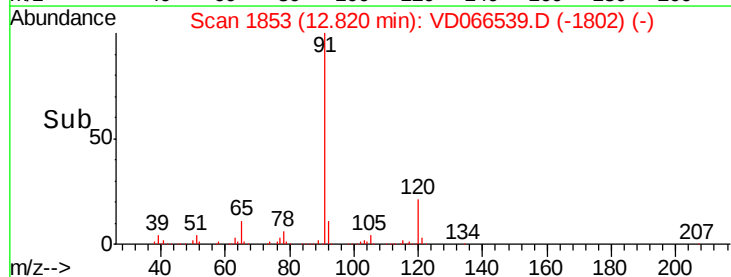
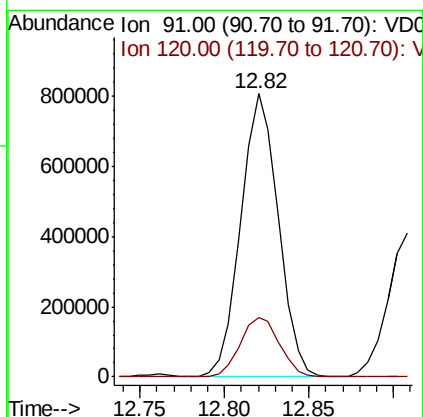
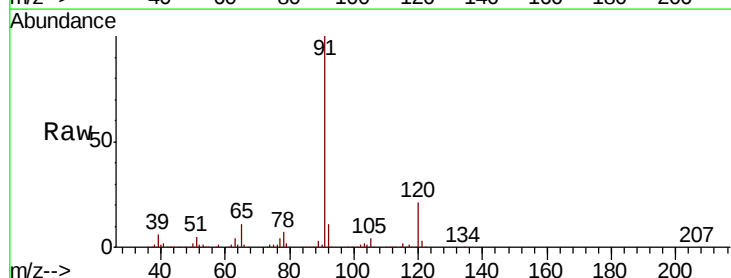
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

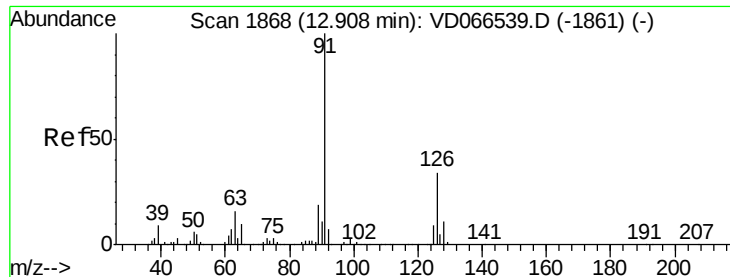
Tot Ion:156 Resp: 217659
Ion Ratio Lower Upper
156 100
77 196.1 98.0 294.1
158 96.2 48.1 144.3



#78
n-propylbenzene
Concen: 61.040 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 91 Resp: 1245858
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1

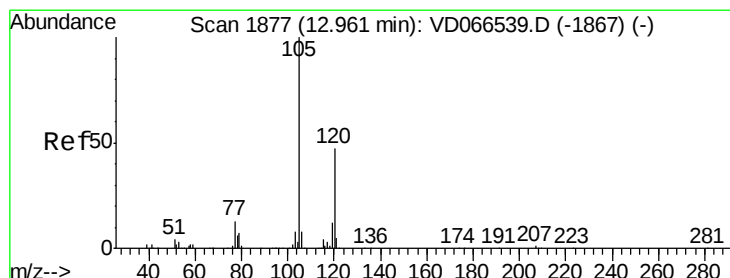
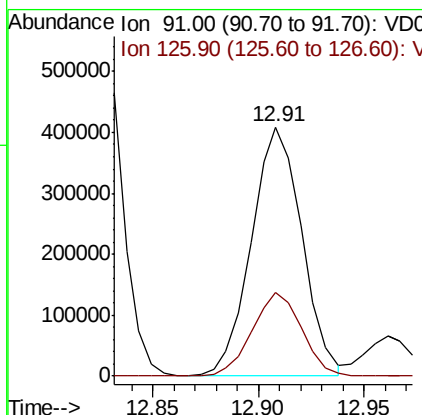
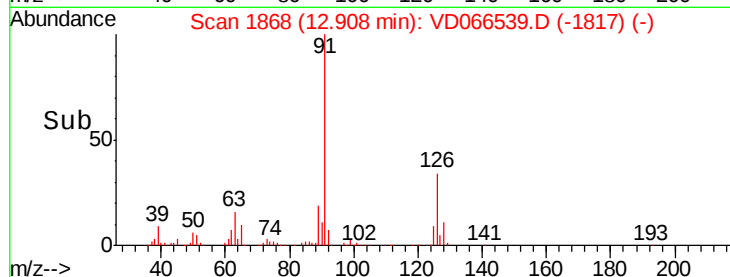
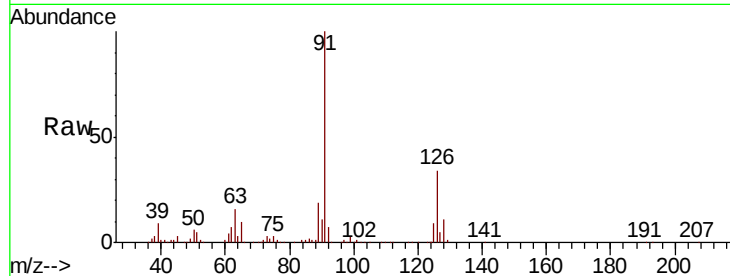




#79
 2-Chlorotoluene
 Concen: 58.102 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

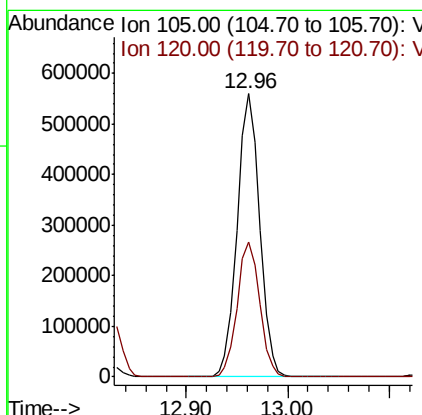
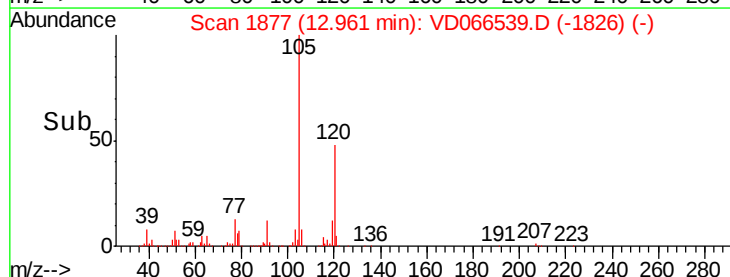
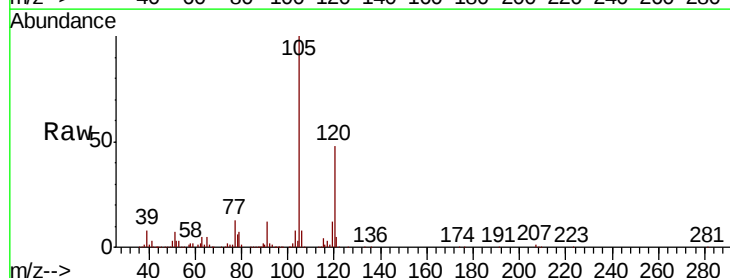
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

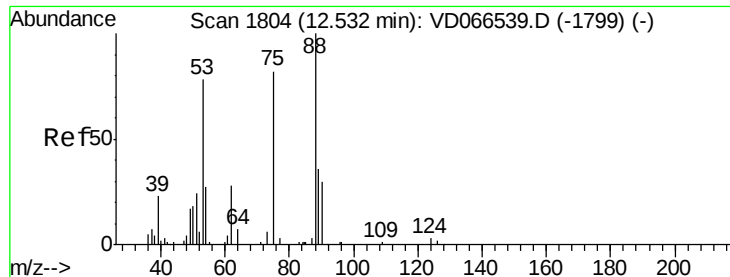
Tot Ion: 91 Resp: 678438
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 54.442 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 105 Resp: 863690
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8

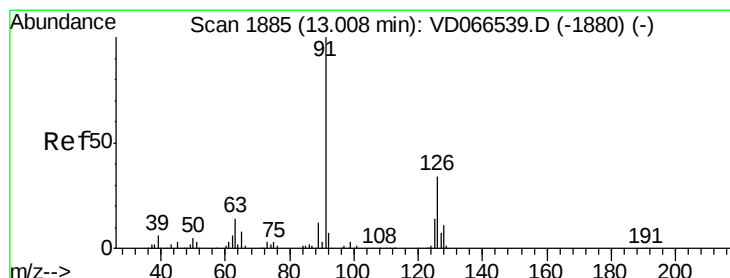
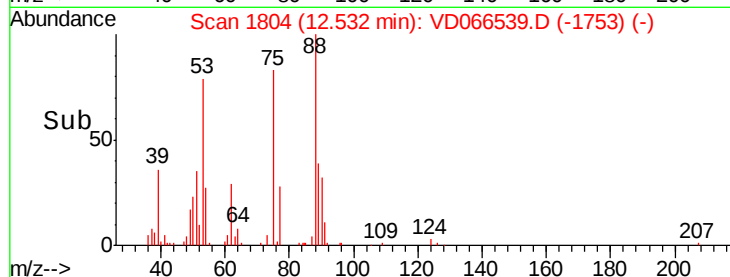
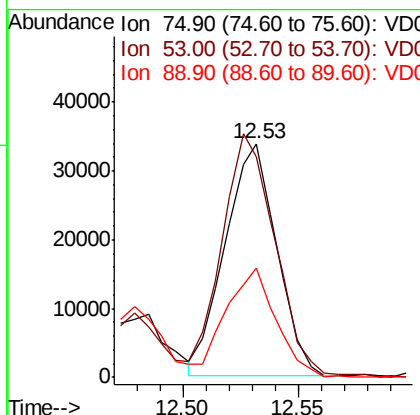
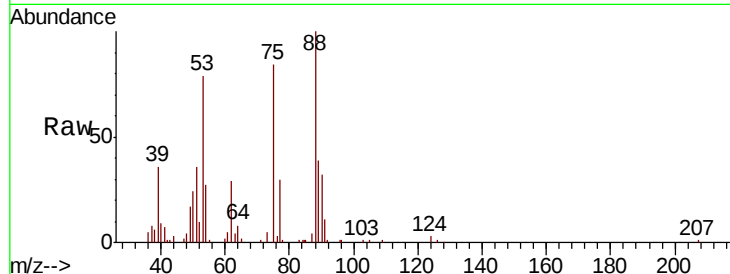




#81
trans-1,4-Dichloro-2-butene
Concen: 64.934 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

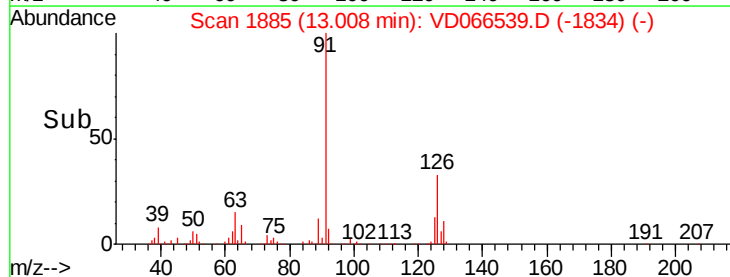
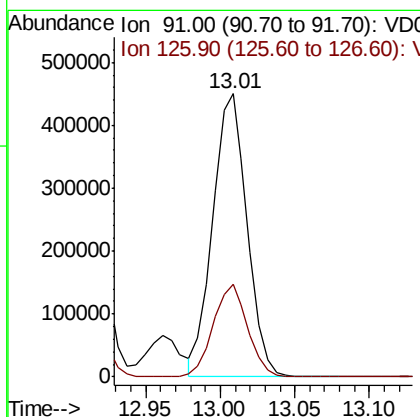
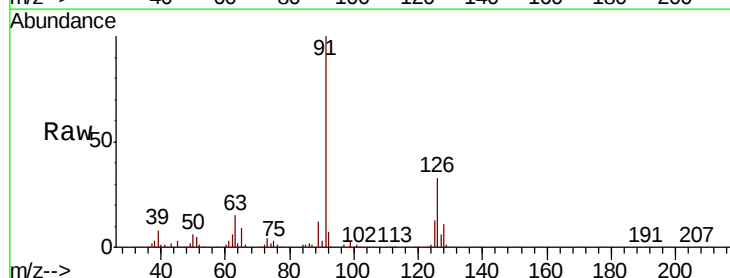
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

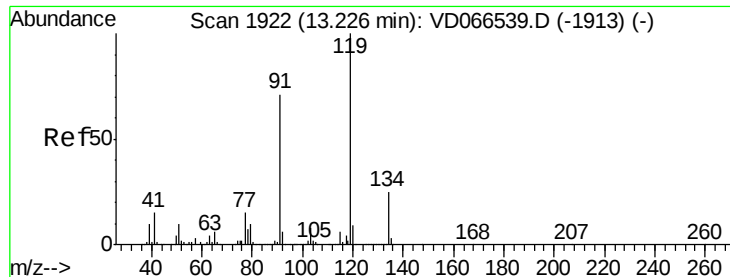
Tot Ion: 75 Resp: 52412
Ion Ratio Lower Upper
75 100
53 108.7 87.0 130.4
89 46.4 37.1 55.7



#82
4-Chlorotoluene
Concen: 57.568 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 91 Resp: 721773
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

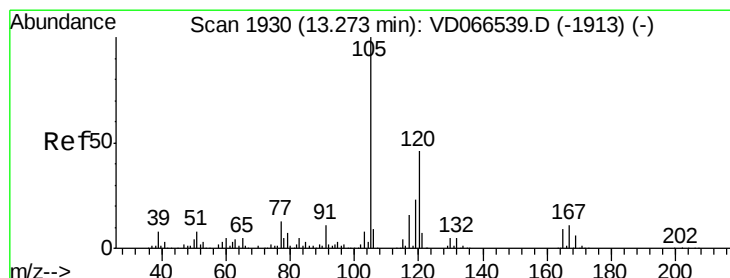
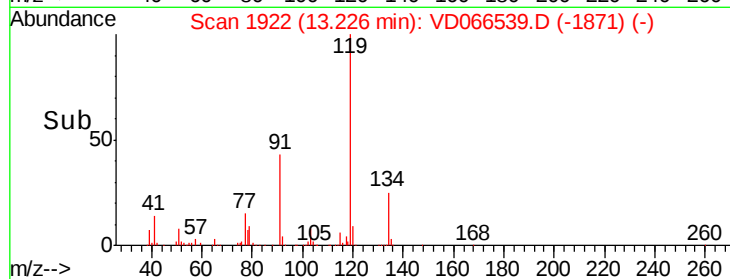
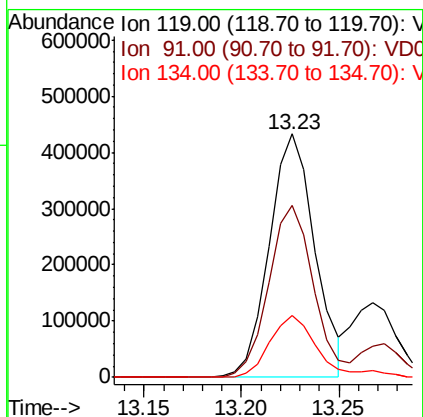
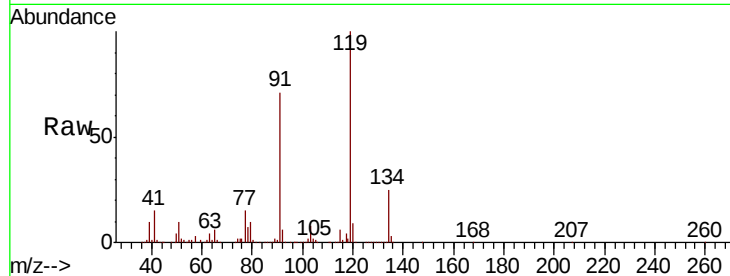




#83
tert-Butylbenzene
Concen: 50.846 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

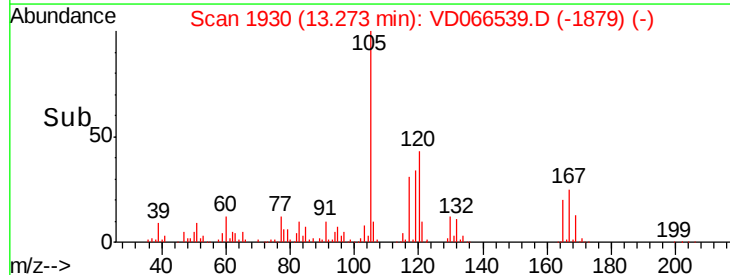
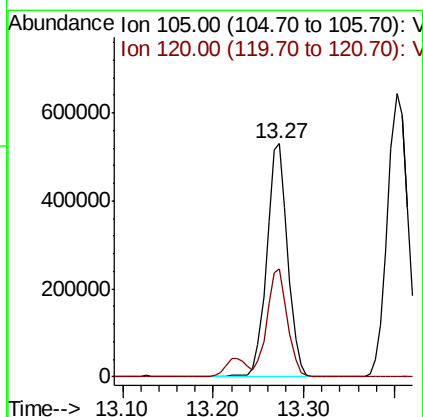
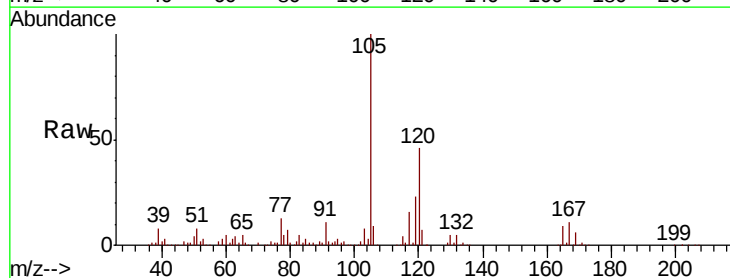
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

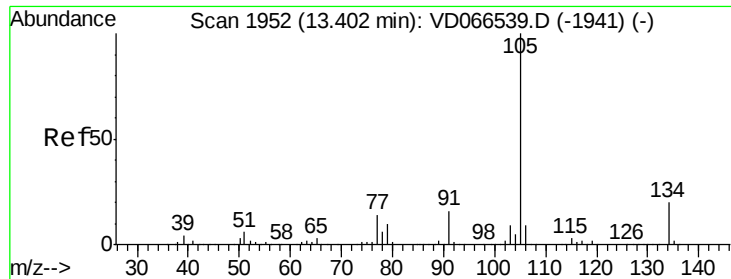
Tot Ion:119 Resp: 697026
Ion Ratio Lower Upper
119 100
91 70.4 35.2 105.6
134 27.0 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 53.904 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion:105 Resp: 850858
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.849 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

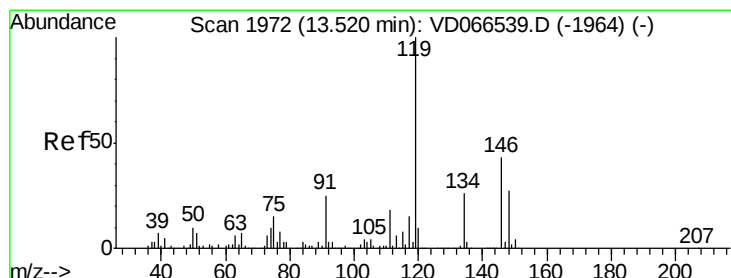
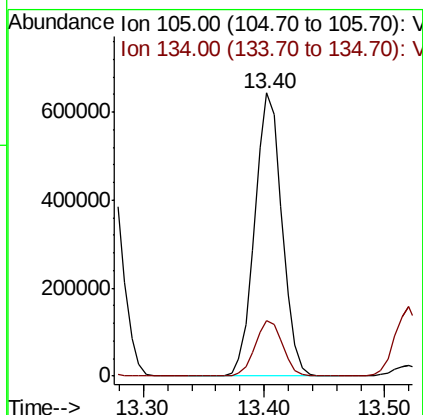
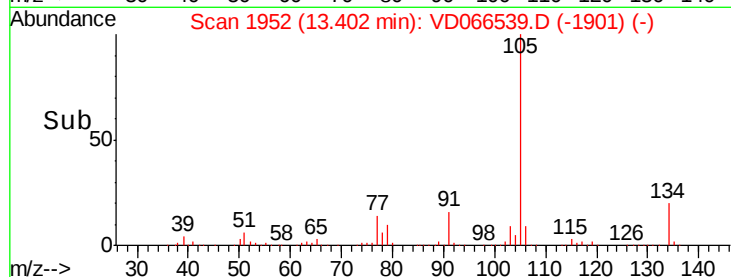
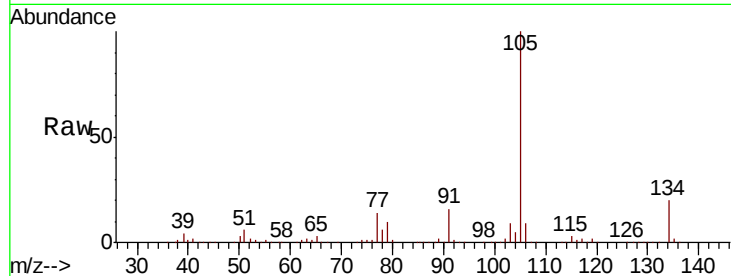
VSTDICCC050

Tot Ion:105 Resp: 1014026

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 52.743 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

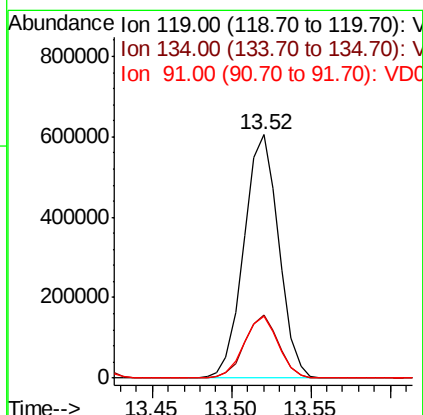
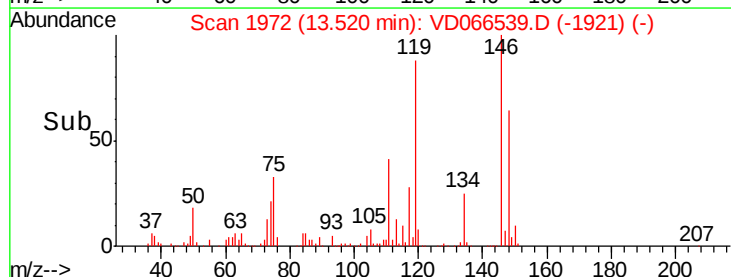
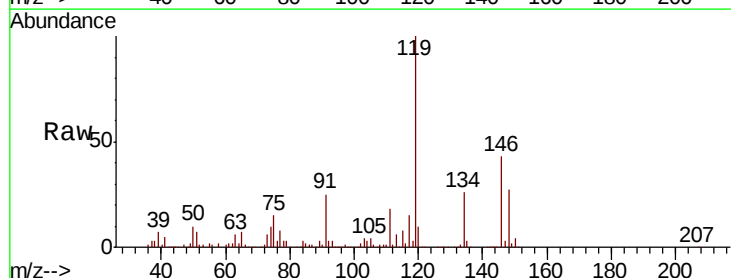
Tgt Ion:119 Resp: 923994

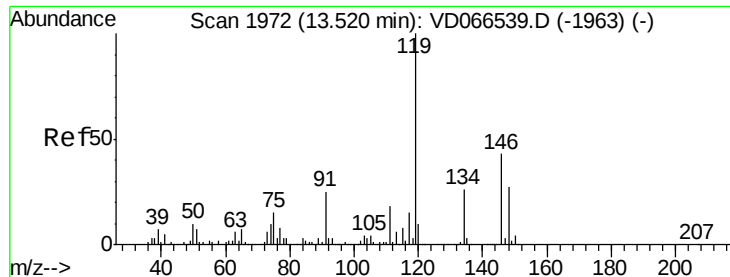
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.951 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

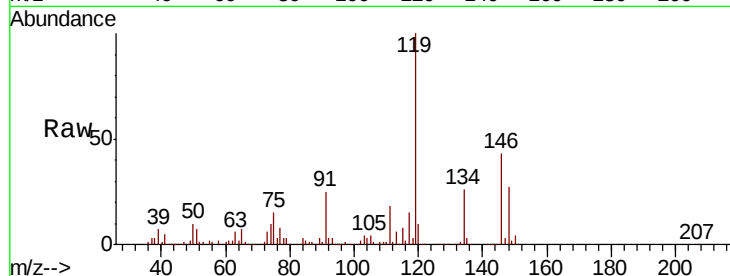
Tot Ion:146 Resp: 423924

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

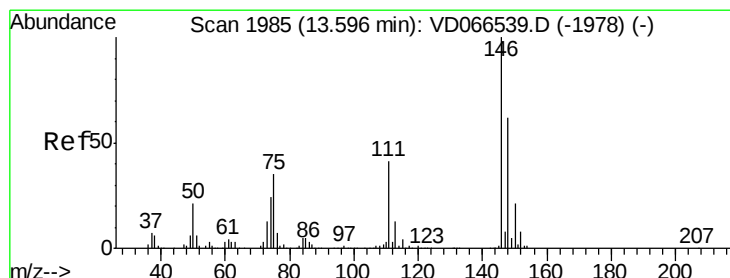
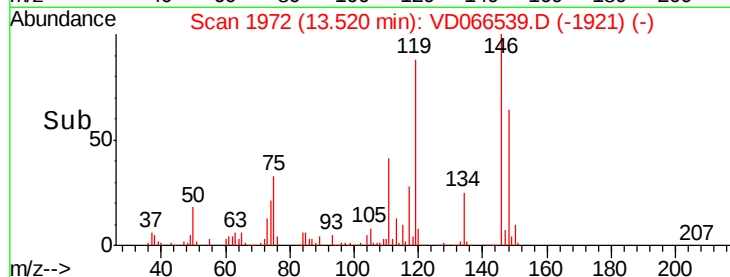
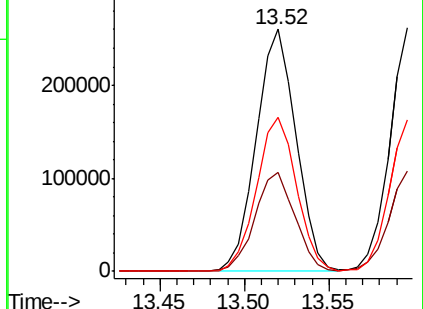
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.068 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

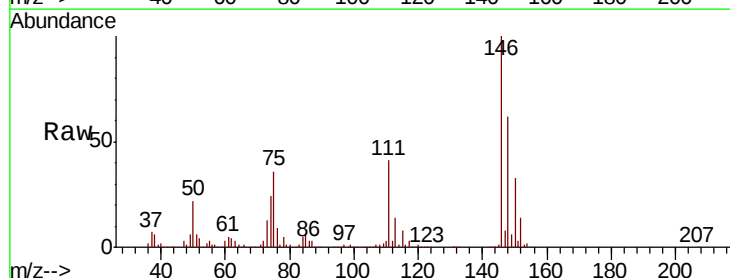
Tgt Ion:146 Resp: 427915

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

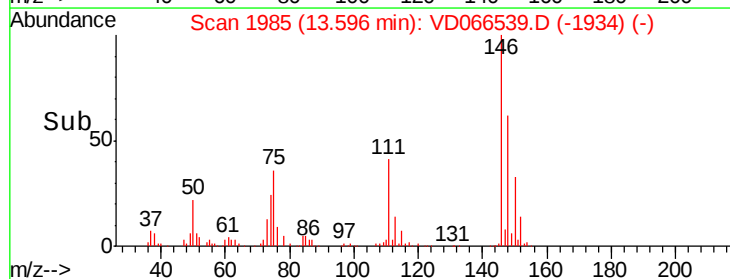
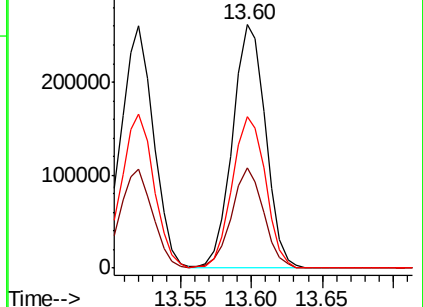
148 63.2 31.6 94.8

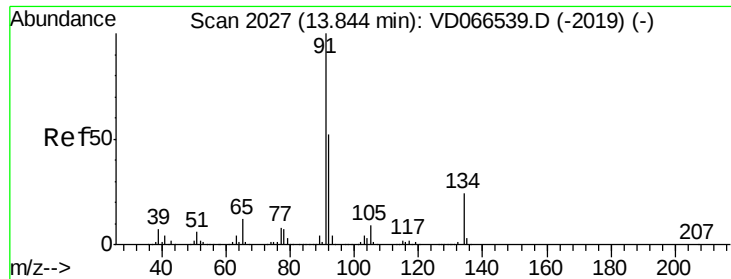


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

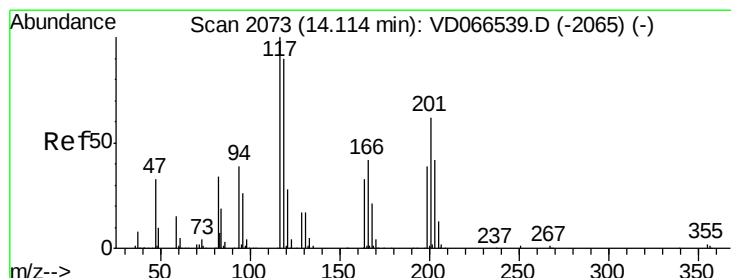
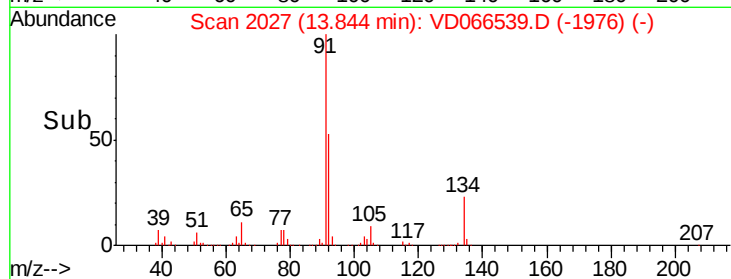
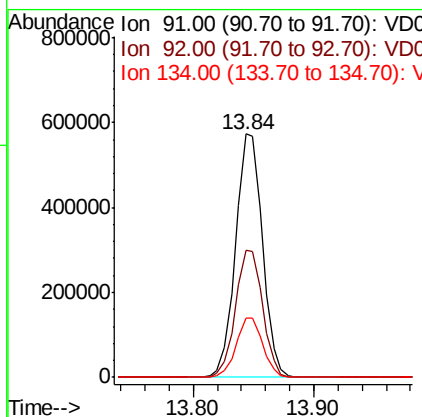
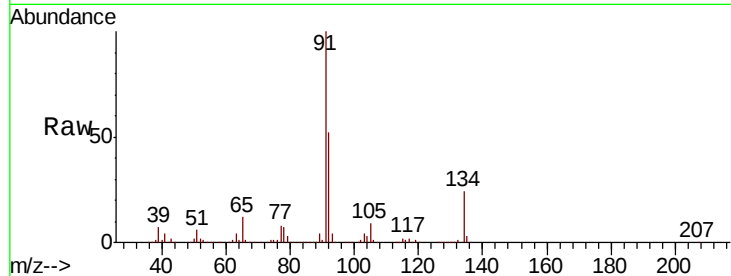




#89
n-Butylbenzene
Concen: 59.150 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

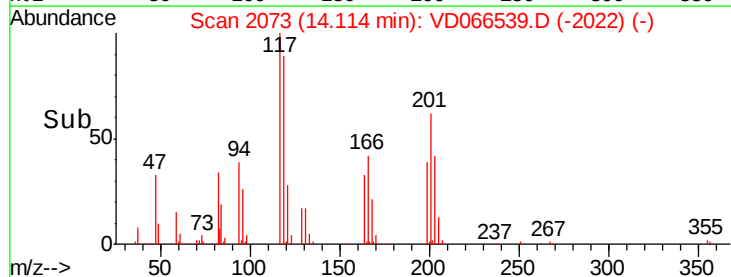
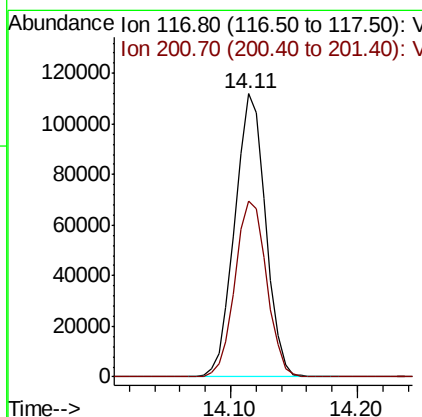
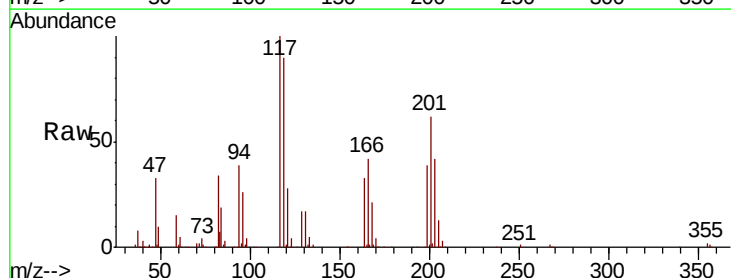
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

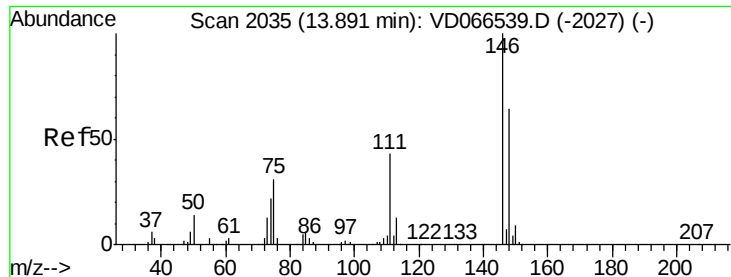
Tot Ion: 91 Resp: 889463
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.2 12.1 36.3



#90
Hexachloroethane
Concen: 58.141 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 117 Resp: 188168
Ion Ratio Lower Upper
117 100
201 63.7 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 50.562 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

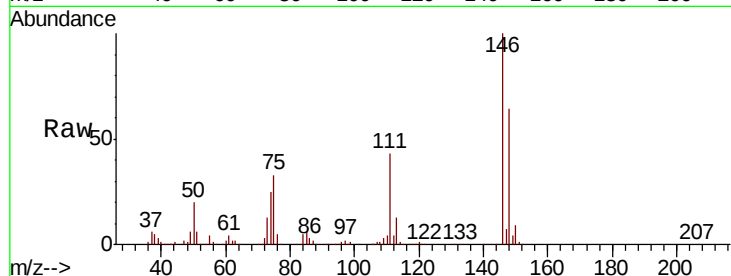
Tot Ion:146 Resp: 372357

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.4

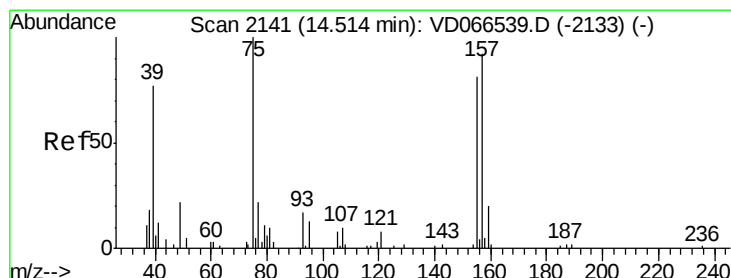
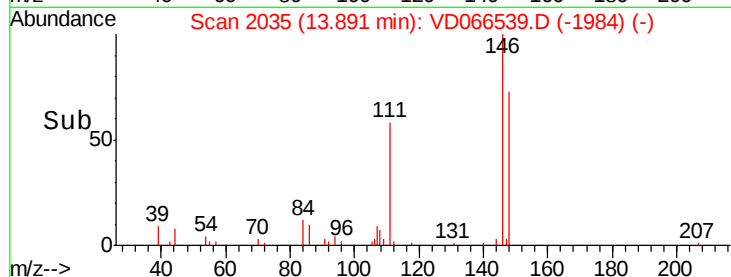
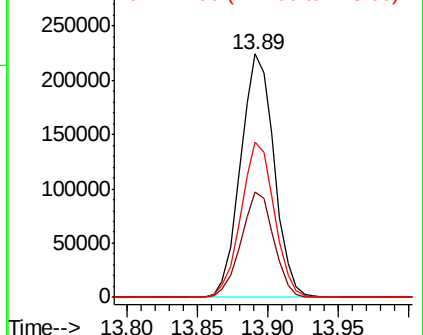
148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.469 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

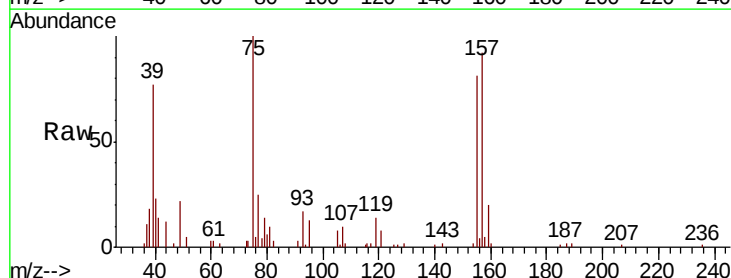
Tgt Ion: 75 Resp: 27804

Ion Ratio Lower Upper

75 100

155 78.5 39.3 117.8

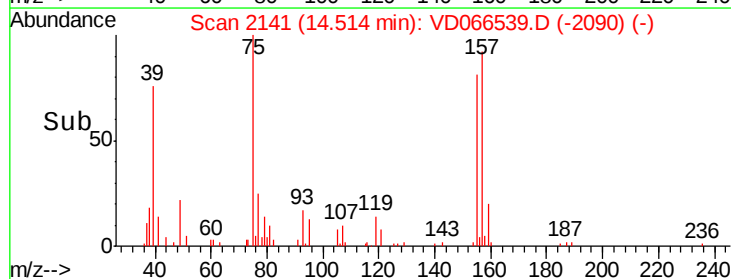
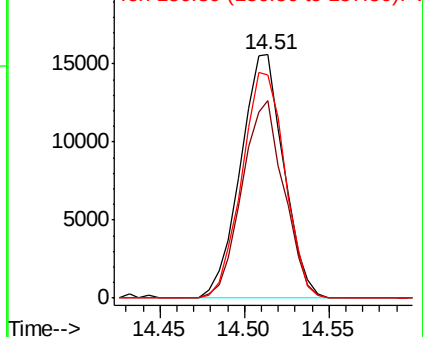
157 91.9 46.0 137.8

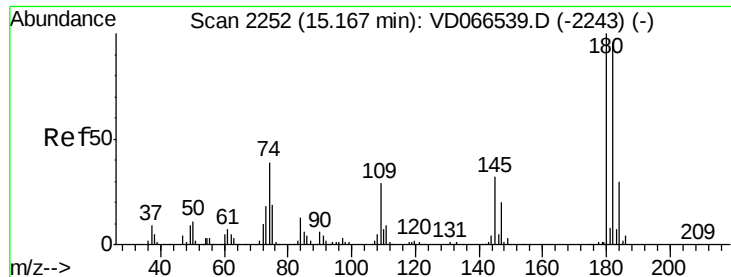


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

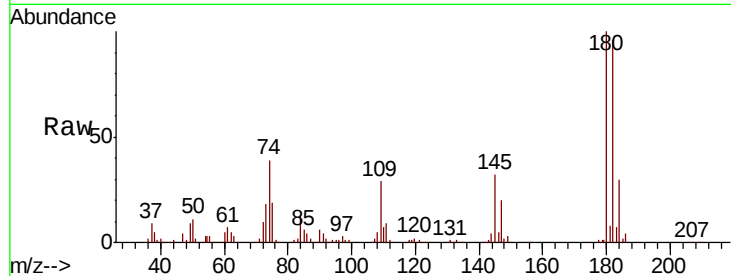




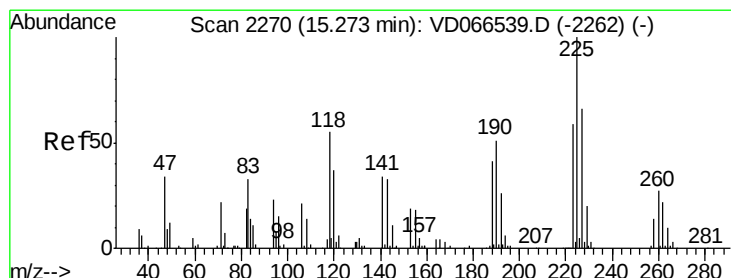
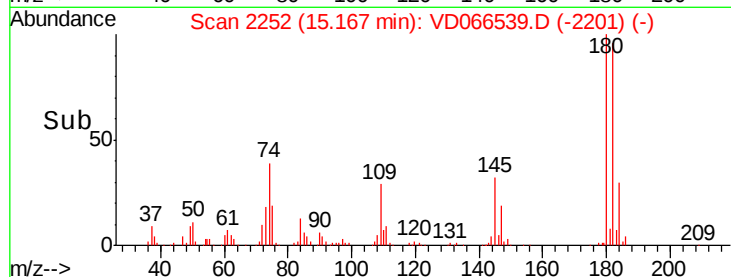
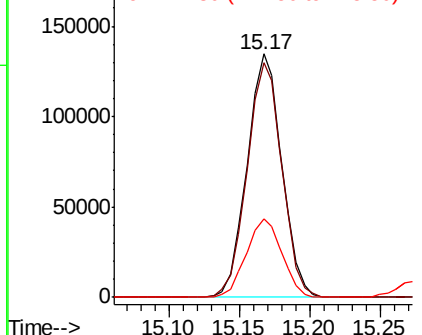
#93
 1,2,4-Trichlorobenzene
 Concen: 41.535 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	33.3	16.7	50.0

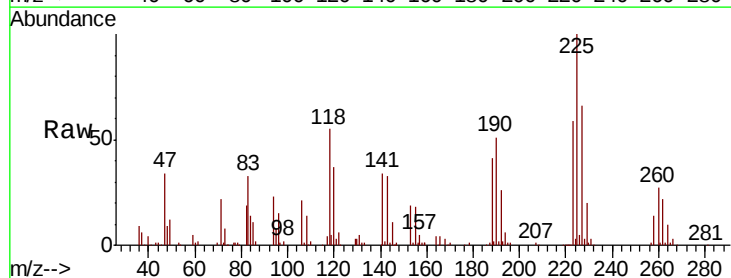


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

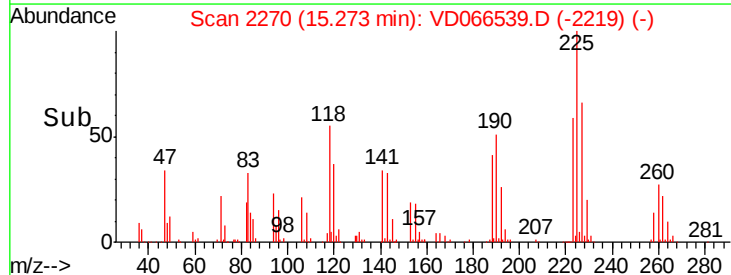
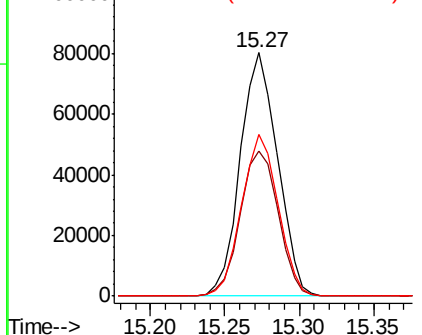


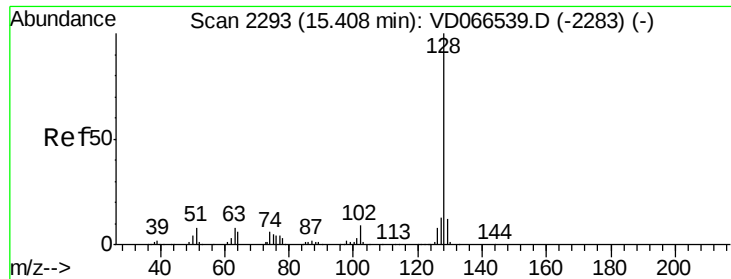
#94
 Hexachlorobutadiene
 Concen: 38.775 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.5	91.5
227	64.8	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

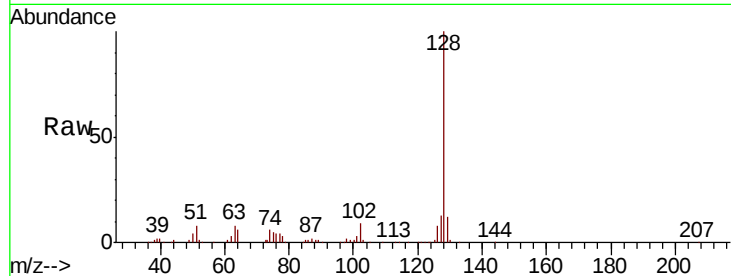




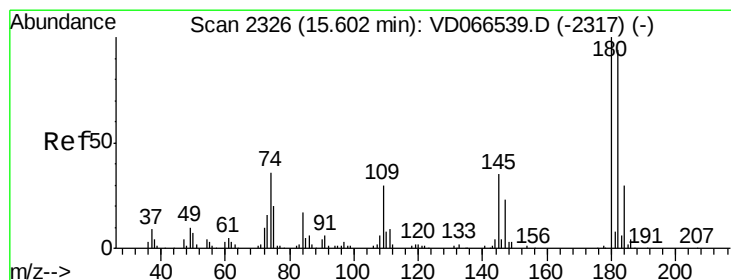
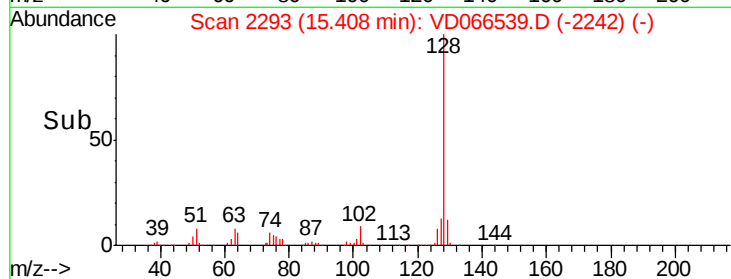
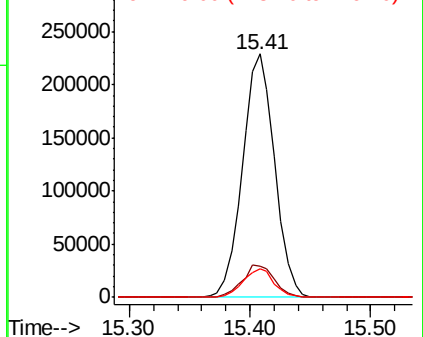
#95
Naphthalene
Concen: 47.367 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 421972
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.4 9.1 13.7

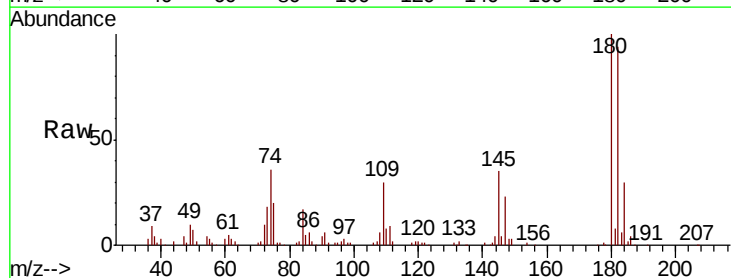


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 41.256 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion:180 Resp: 199679
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 34.5 17.3 51.7



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

