

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066572.D
 Acq On : 04 Sep 2020 19:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 05 03:49:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	444467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	766341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	696435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	333653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	257360	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.91	113	241236	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	10.34	98	872697	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	12.63	95	307537	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	182674	49.752	ug/l	86
3) Chloromethane	2.21	50	272382	48.459	ug/l	99
4) Vinyl Chloride	2.35	62	300768	48.244	ug/l	99
5) Bromomethane	2.77	94	252936	65.594	ug/l	82
6) Chloroethane	2.92	64	202142	51.049	ug/l	99
7) Trichlorofluoromethane	3.27	101	410500	44.573	ug/l	96
8) Diethyl Ether	3.71	74	112005	48.296	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	219810	44.100	ug/l	98
10) Methyl Iodide	4.30	142	122788	28.857	ug/l	99
11) Tert butyl alcohol	5.22	59	77832	227.264	ug/l	98
12) 1,1-Dichloroethene	4.07	96	202845	45.298	ug/l	98
13) Acrolein	3.92	56	41678	189.547	ug/l	93
14) Allyl chloride	4.71	41	342705	46.697	ug/l	96
15) Acrylonitrile	5.42	53	232398	233.274	ug/l	98
16) Acetone	4.16	43	211170	213.418	ug/l	99
17) Carbon Disulfide	4.41	76	642416	43.639	ug/l	100
18) Methyl Acetate	4.71	43	106623	45.204	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	540495	51.470	ug/l	96
20) Methylene Chloride	4.97	84	250325	45.876	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	241743	45.460	ug/l	92
22) Diisopropyl ether	6.36	45	752197	49.841	ug/l	97
23) Vinyl Acetate	6.30	43	2196619	255.766	ug/l	99
24) 1,1-Dichloroethane	6.26	63	444802	46.867	ug/l	99
25) 2-Butanone	7.21	43	308119	231.973	ug/l	99
26) 2,2-Dichloropropane	7.20	77	393512	45.202	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	278201	48.650	ug/l	99
28) Bromochloromethane	7.54	49	174900	47.867	ug/l	97
29) Tetrahydrofuran	7.56	42	202015	244.208	ug/l	98
30) Chloroform	7.71	83	479378	47.744	ug/l	96
31) Cyclohexane	7.98	56	382439	43.592	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	442887	46.916	ug/l	98
36) 1,1-Dichloropropene	8.11	75	351646	44.092	ug/l	99
37) Ethyl Acetate	7.29	43	141300	44.494	ug/l	98
38) Carbon Tetrachloride	8.10	117	386579	45.859	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	418349	46.976	ug/l	99
40) Benzene	8.35	78	987330	45.202	ug/l	99
41) Methacrylonitrile	7.56	41	212259	138.078	ug/l #	32
42) 1,2-Dichloroethane	8.42	62	320840	45.335	ug/l	100
43) Isopropyl Acetate	8.45	43	289850	47.626	ug/l	99
44) Trichloroethene	9.11	130	262908	45.887	ug/l	97
45) 1,2-Dichloropropane	9.38	63	252385	45.947	ug/l	97
46) Dibromomethane	9.47	93	137690	45.434	ug/l	98
47) Bromodichloromethane	9.66	83	378001	46.102	ug/l	98
48) Methyl methacrylate	9.45	41	150796	49.001	ug/l	97
49) 1,4-Dioxane	9.46	88	31774	955.683	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	714250	232.707	ug/l	100
52) Toluene	10.40	92	631994	45.709	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	344610	47.611	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	402295	46.283	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	185244	47.541	ug/l	96
56) Ethyl methacrylate	10.66	69	228724	50.414	ug/l	96
57) 1,3-Dichloropropane	10.94	76	311675	45.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	462387	222.821	ug/l	99
59) 2-Hexanone	10.98	43	503052	243.721	ug/l	98
60) Dibromochloromethane	11.14	129	239911	46.561	ug/l	98
61) 1,2-Dibromoethane	11.24	107	175654	46.336	ug/l	98
64) Tetrachloroethene	10.87	164	207824	44.320	ug/l	97
65) Chlorobenzene	11.67	112	660602	45.958	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	251352	45.818	ug/l	98
67) Ethyl Benzene	11.74	91	1396101	52.896	ug/l	99
68) m/p-Xylenes	11.85	106	1131174	115.427	ug/l	96
69) o-Xylene	12.18	106	458700	52.228	ug/l	96
70) Styrene	12.19	104	749919	49.115	ug/l	97
71) Bromoform	12.36	173	126984	45.931	ug/l #	98
73) Isopropylbenzene	12.48	105	1199425	48.553	ug/l	99
74) N-amyl acetate	12.29	43	271818	48.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	194978	44.676	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	262328	81.751	ug/l #	100
77) Bromobenzene	12.76	156	257242	46.708	ug/l	99
78) n-propylbenzene	12.82	91	1439502	48.069	ug/l	100
79) 2-Chlorotoluene	12.91	91	806968	48.034	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1013560	48.748	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	61483	44.733	ug/l	98
82) 4-Chlorotoluene	13.01	91	832499	46.339	ug/l	99
83) tert-Butylbenzene	13.23	119	830294	48.901	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1040213	50.250	ug/l	98
85) sec-Butylbenzene	13.40	105	1176464	48.093	ug/l	99
86) p-Isopropyltoluene	13.52	119	1087872	49.409	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503963	46.093	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	503045	45.839	ug/l	99
89) n-Butylbenzene	13.85	91	1025831	47.812	ug/l	99
90) Hexachloroethane	14.11	117	212548	44.803	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	432479	45.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32428	43.741	ug/l	92

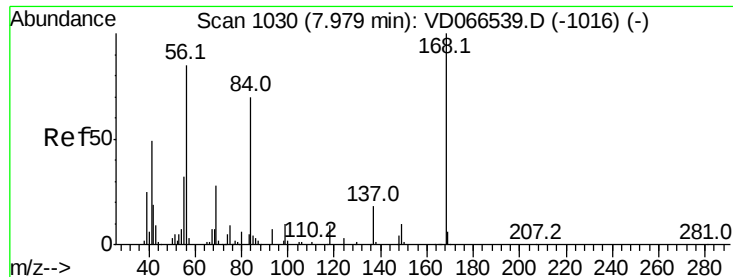
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090420\
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	287460	50.120	ug/l	100
94) Hexachlorobutadiene	15.27	225	159741	46.359	ug/l	97
95) Naphthalene	15.41	128	799812	79.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	244760	50.055	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

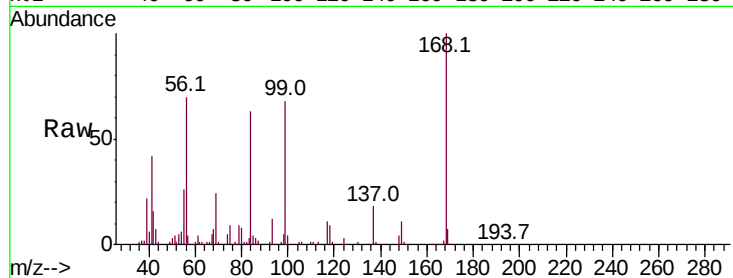
VSTDCCC050EC

Tot Ion:168 Resp: 444467

Ion Ratio Lower Upper

168 100

99 68.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

150000

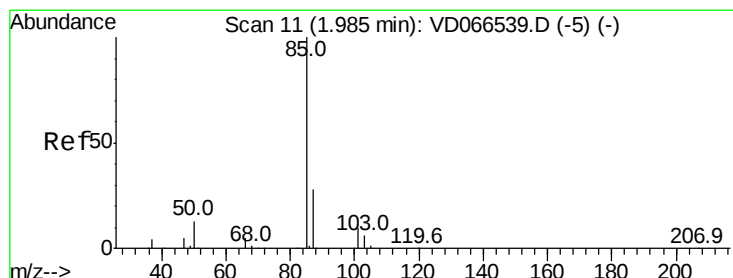
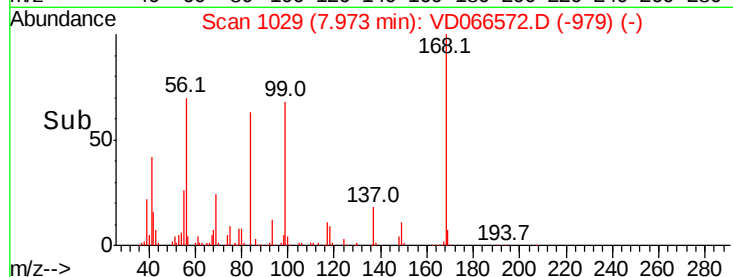
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.752 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066572.D

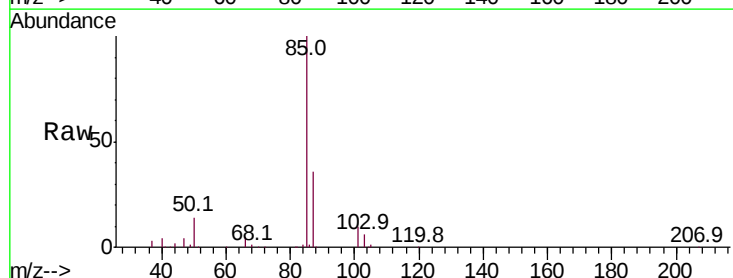
Acq: 04 Sep 2020 19:24

Tgt Ion: 85 Resp: 182674

Ion Ratio Lower Upper

85 100

87 36.0 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

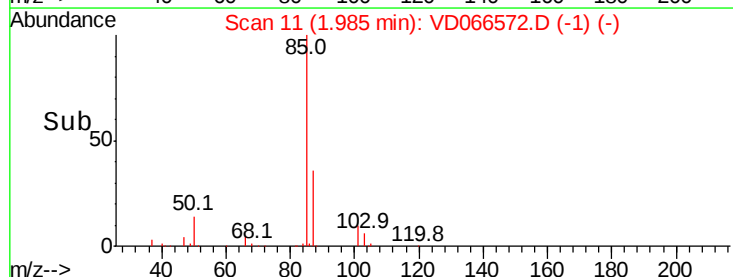
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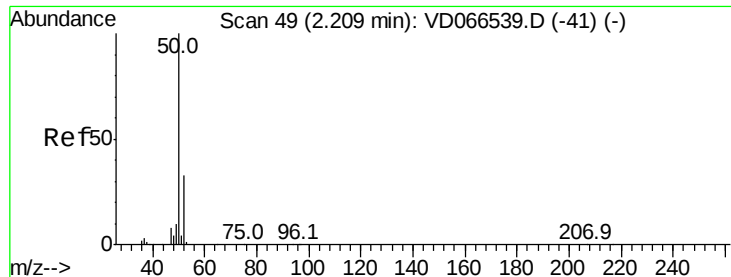
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 48.459 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

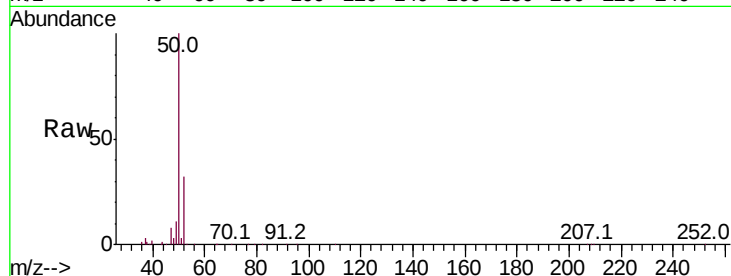
VSTDCCC050EC

Tot Ion: 50 Resp: 272382

Ion Ratio Lower Upper

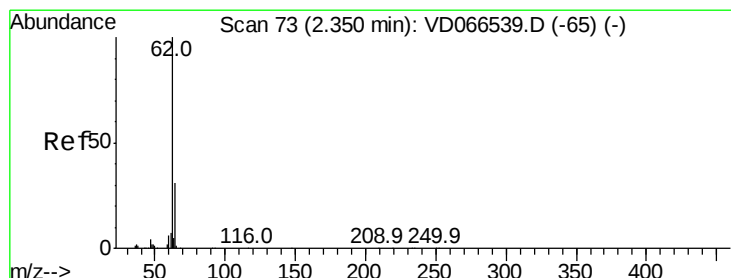
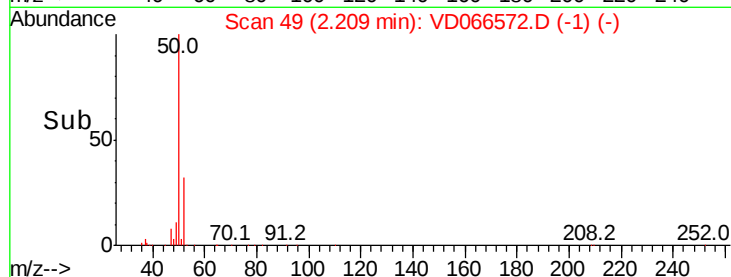
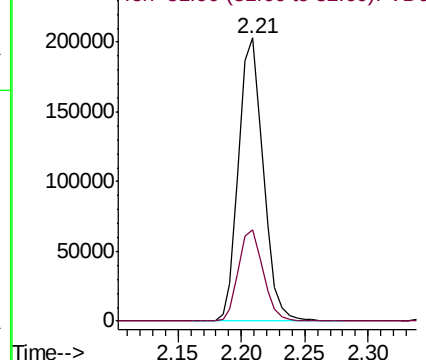
50 100

52 32.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.244 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066572.D

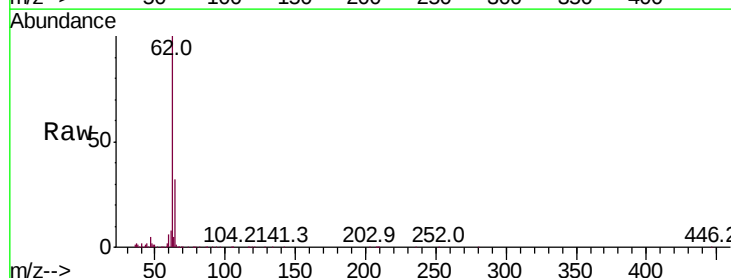
Acq: 04 Sep 2020 19:24

Tgt Ion: 62 Resp: 300768

Ion Ratio Lower Upper

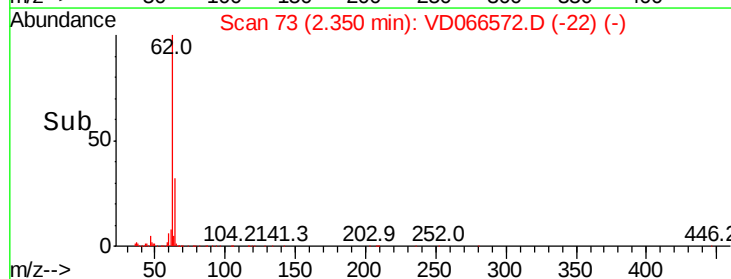
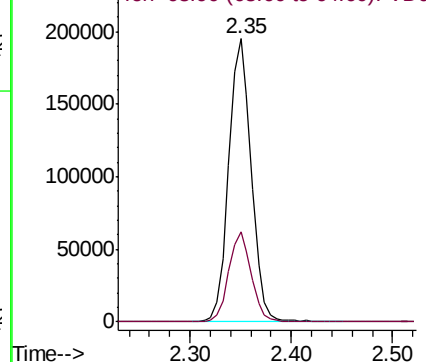
62 100

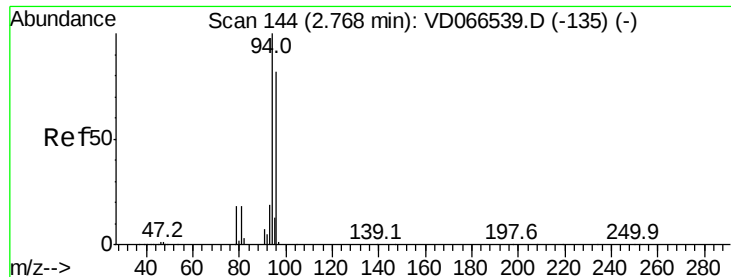
64 31.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 65.594 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

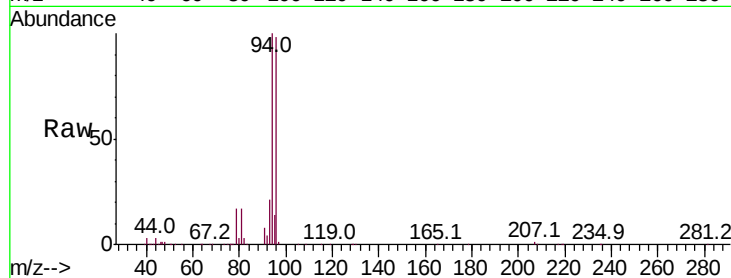
VSTDCCC050EC

Tot Ion: 94 Resp: 252936

Ion Ratio Lower Upper

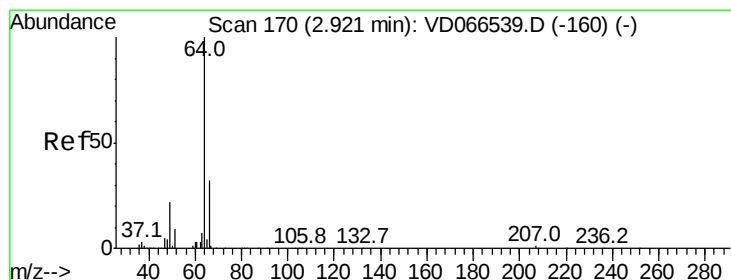
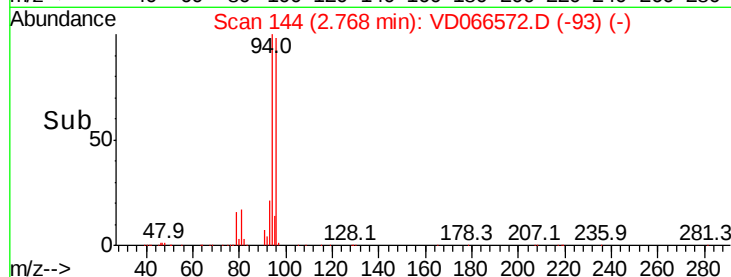
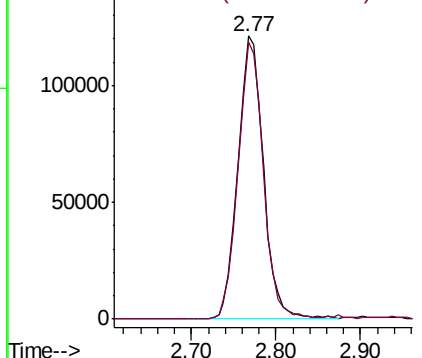
94 100

96 97.6 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: 51.049 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066572.D

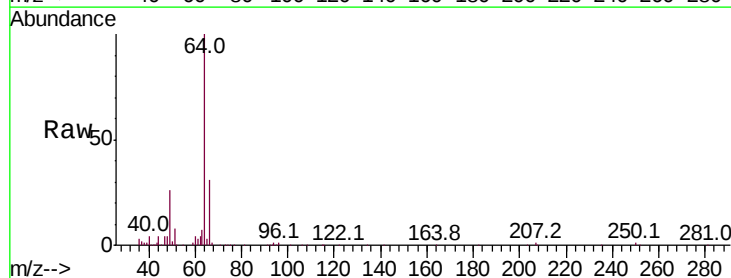
Acq: 04 Sep 2020 19:24

Tgt Ion: 64 Resp: 202142

Ion Ratio Lower Upper

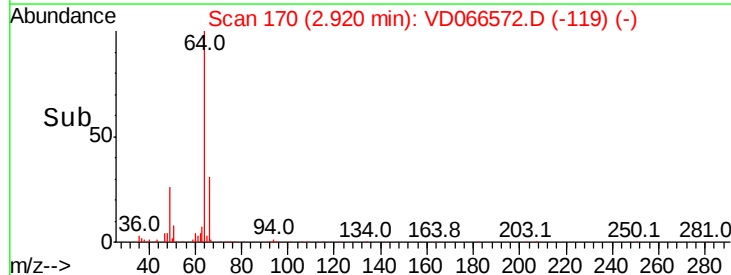
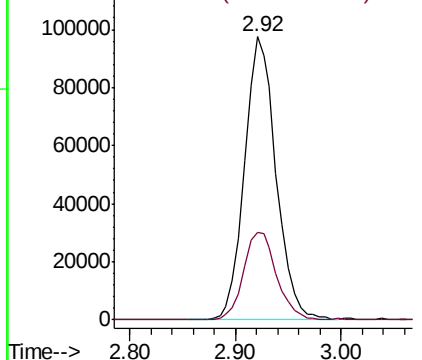
64 100

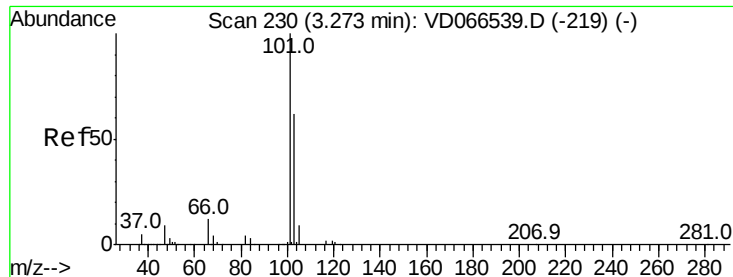
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



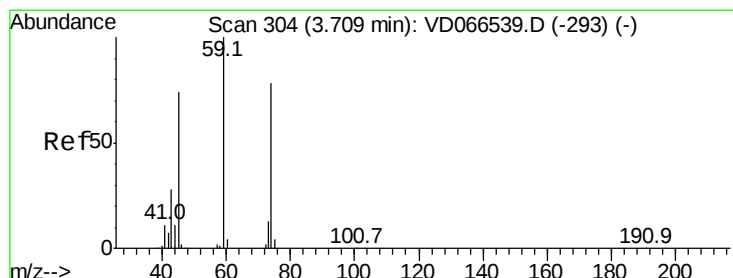
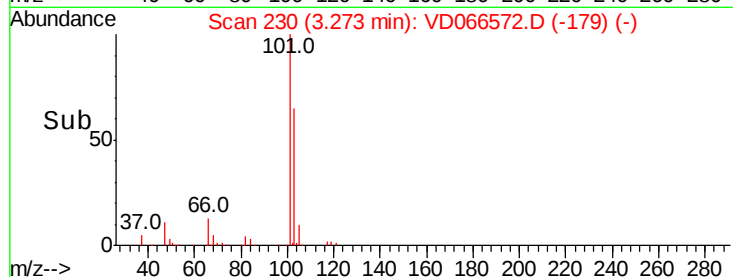
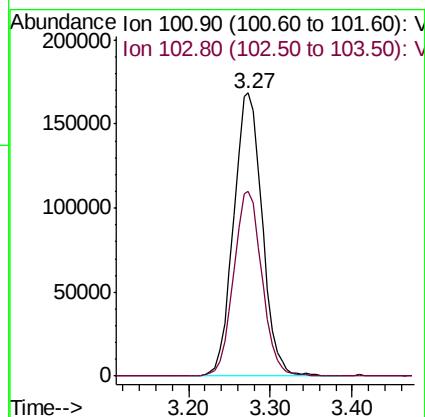
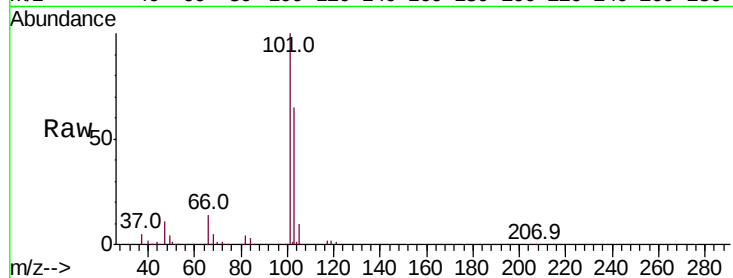


#7

Trichlorofluoromethane
 Concen: 44.573 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

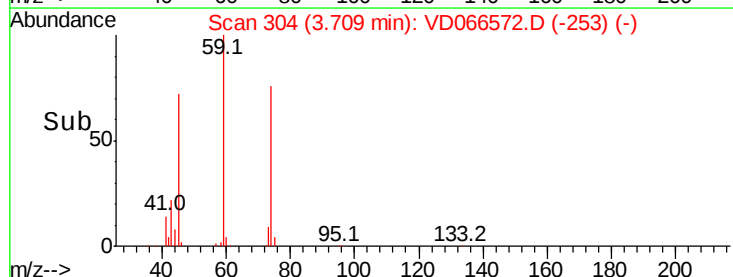
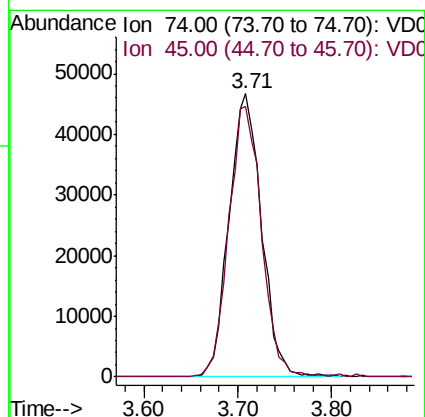
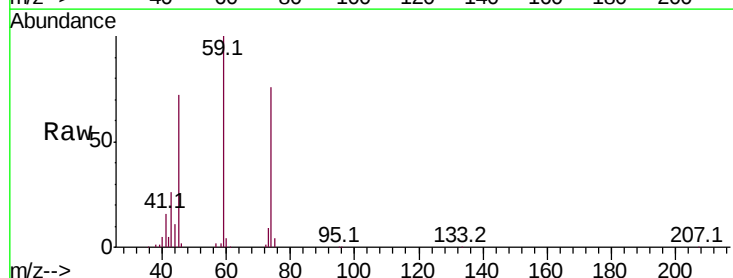
Tot Ion:101 Resp: 410500
 Ion Ratio Lower Upper
 101 100
 103 65.2 49.7 74.5

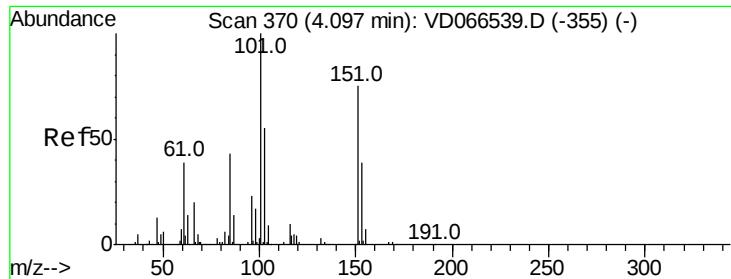


#8

Diethyl Ether
 Concen: 48.296 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Tgt Ion: 74 Resp: 112005
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.100 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

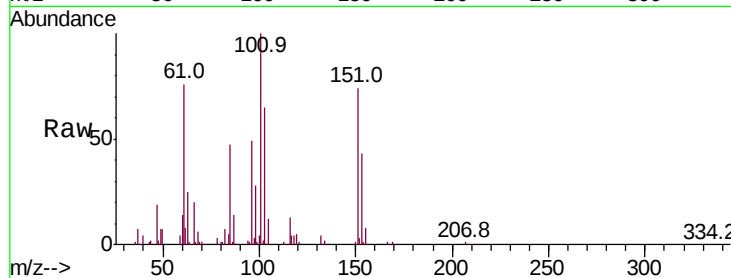
Tot Ion:101 Resp: 219810

Ion Ratio Lower Upper

101 100

85 47.8 37.0 55.6

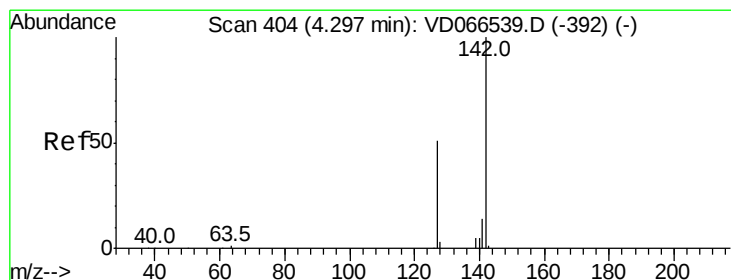
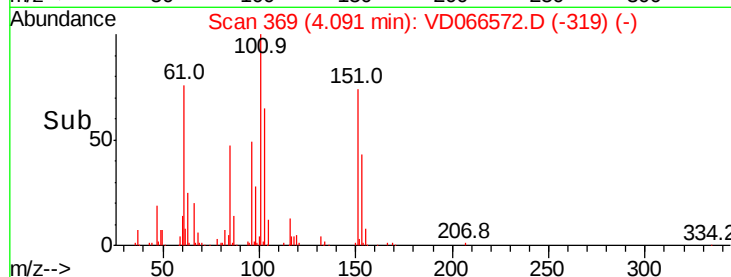
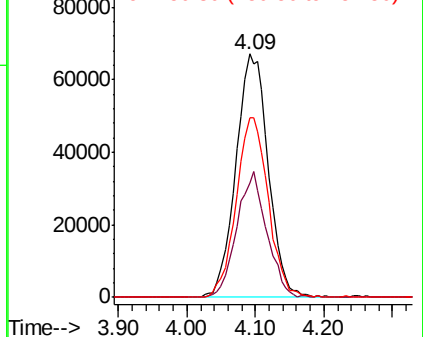
151 73.2 59.4 89.2



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: 28.857 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

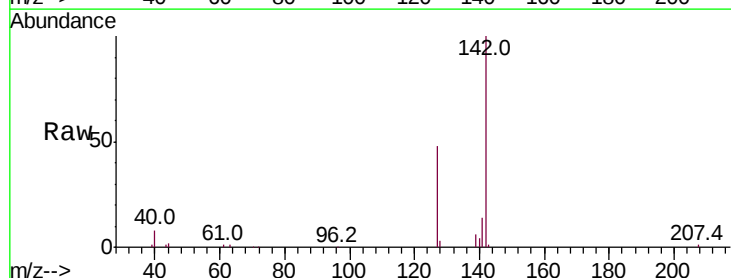
Tgt Ion:142 Resp: 122788

Ion Ratio Lower Upper

142 100

127 50.9 40.6 61.0

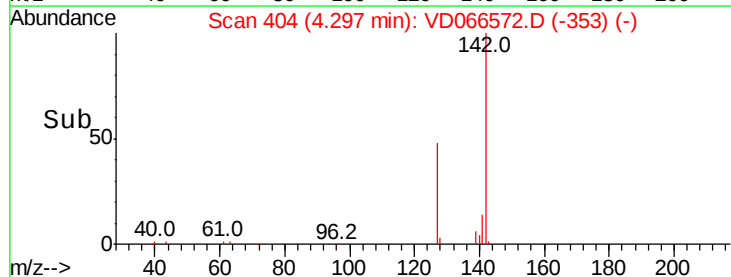
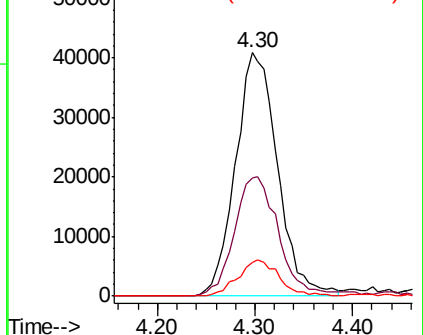
141 14.5 12.2 18.4

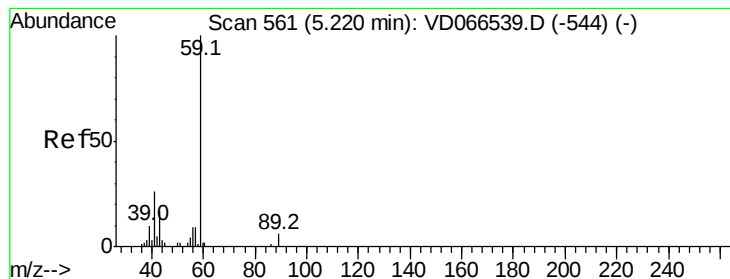


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 227.264 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

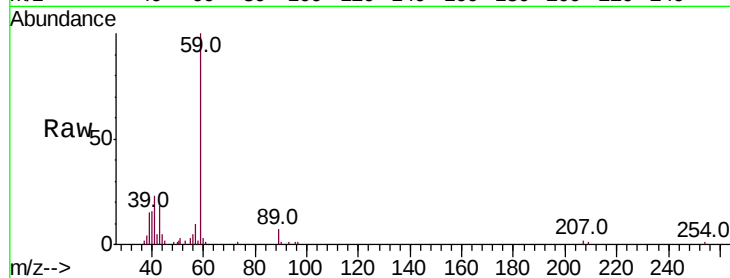
VSTDCCC050EC

Tot Ion: 59 Resp: 77832

Ion Ratio Lower Upper

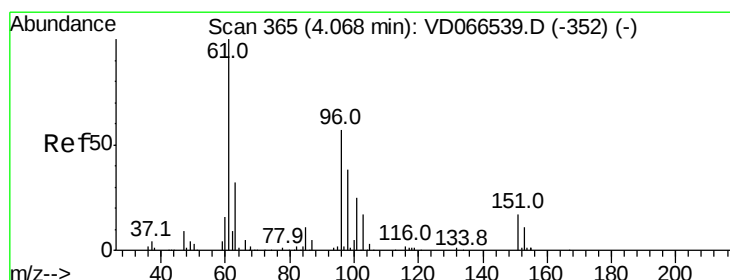
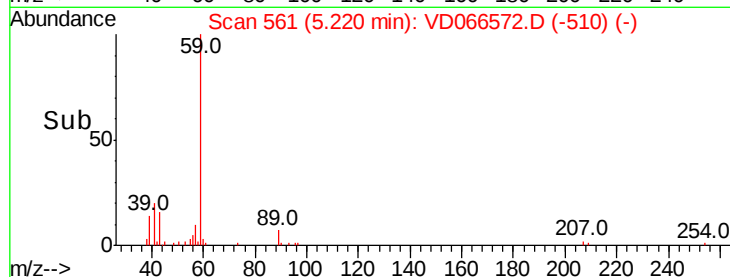
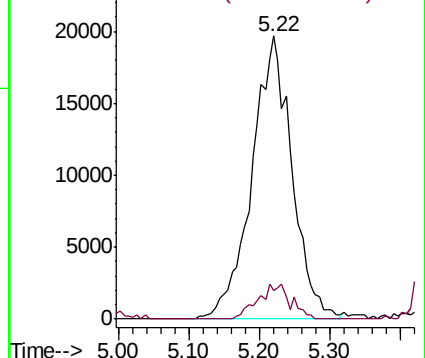
59 100

57 10.1 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 45.298 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

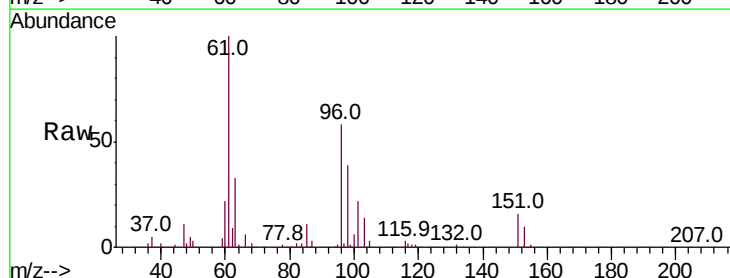
Tgt Ion: 96 Resp: 202845

Ion Ratio Lower Upper

96 100

61 173.1 140.9 211.3

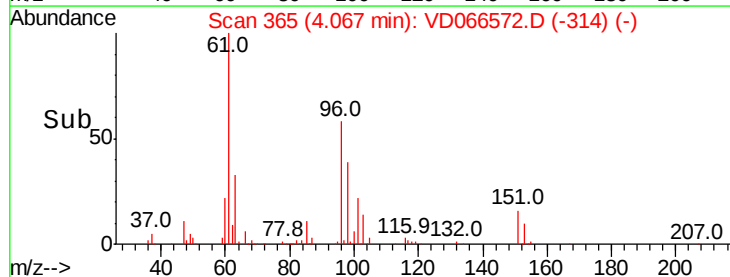
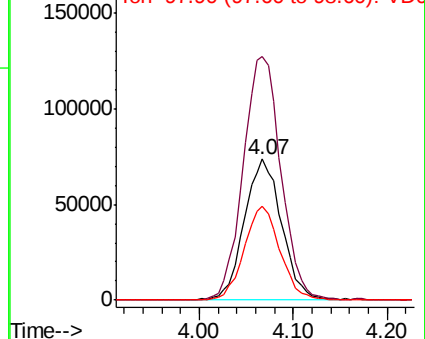
98 66.9 53.2 79.8

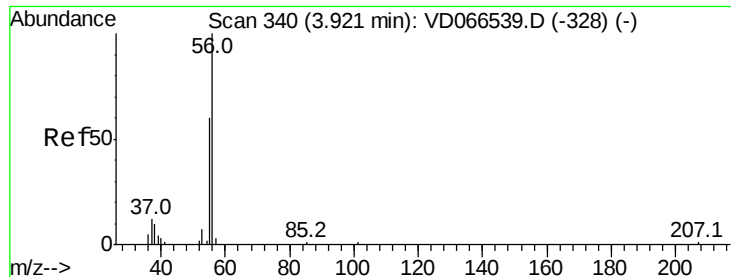


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 189.547 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

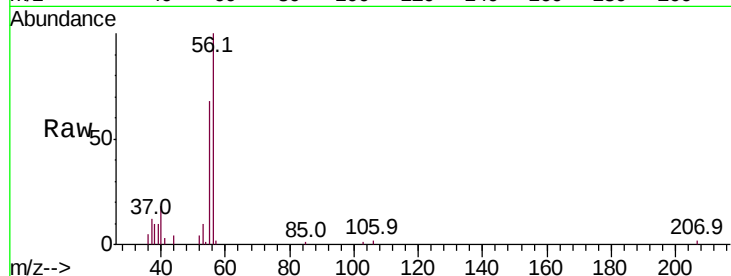
VSTDCCC050EC

Tot Ion: 56 Resp: 41678

Ion Ratio Lower Upper

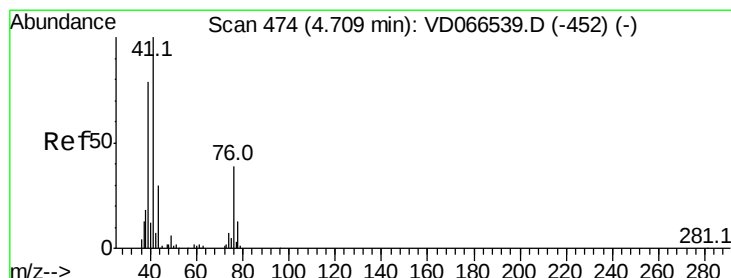
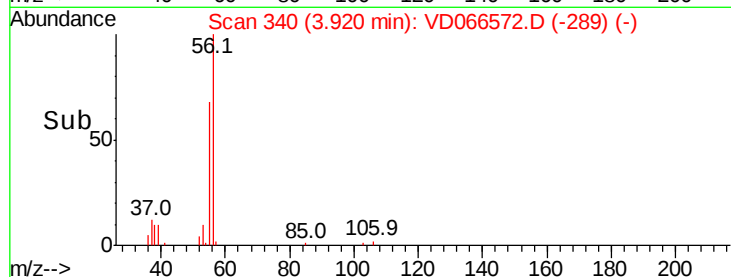
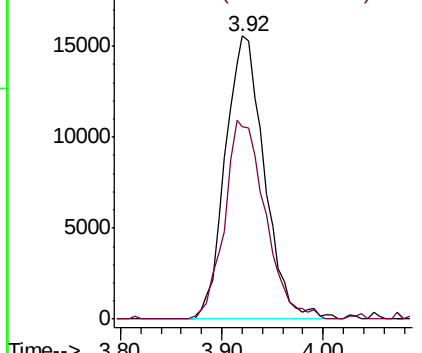
56 100

55 72.7 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 46.697 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

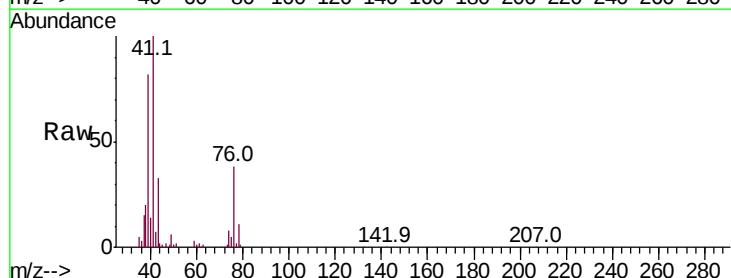
Tgt Ion: 41 Resp: 342705

Ion Ratio Lower Upper

41 100

39 82.1 61.9 92.9

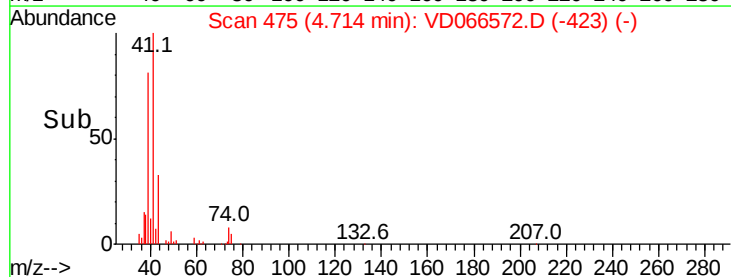
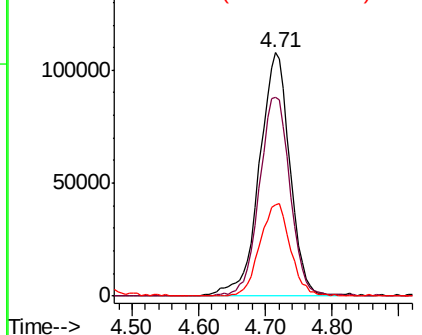
76 37.8 29.0 43.6

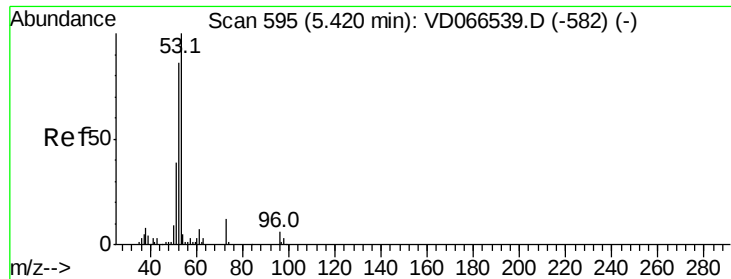


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 233.274 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

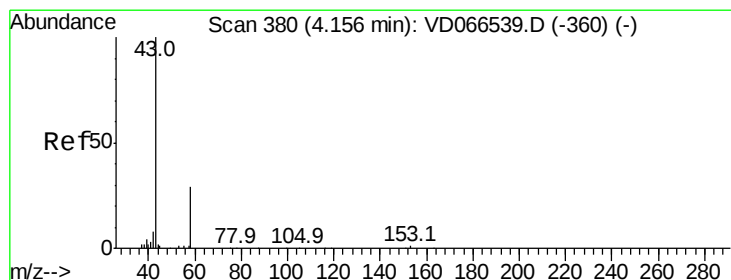
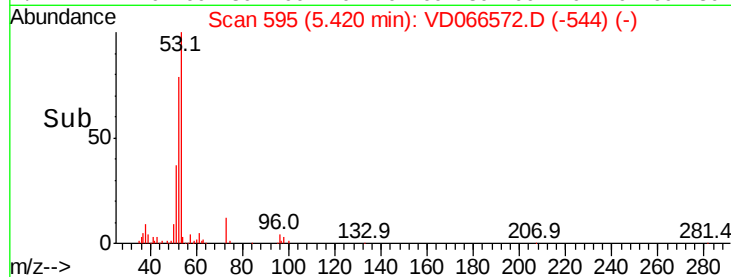
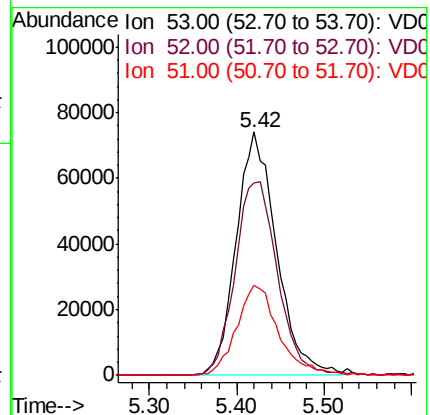
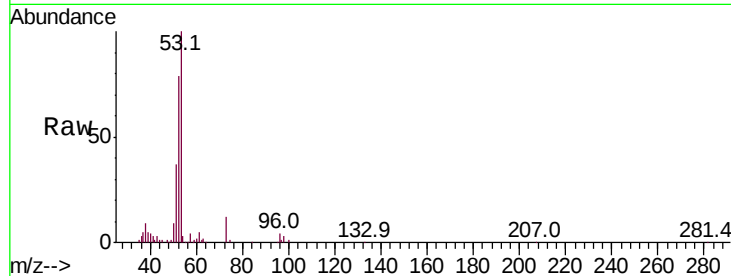
Tot Ion: 53 Resp: 232398

Ion Ratio Lower Upper

53 100

52 84.0 65.4 98.2

51 38.6 31.2 46.8



#16

Acetone

Concen: 213.418 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066572.D

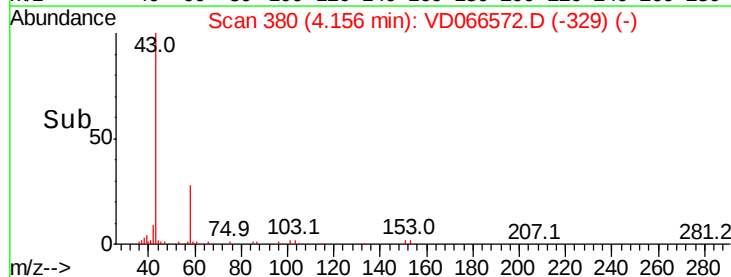
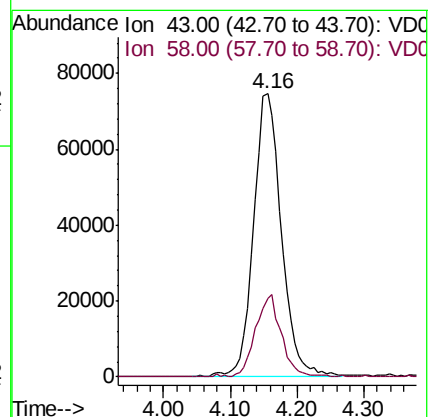
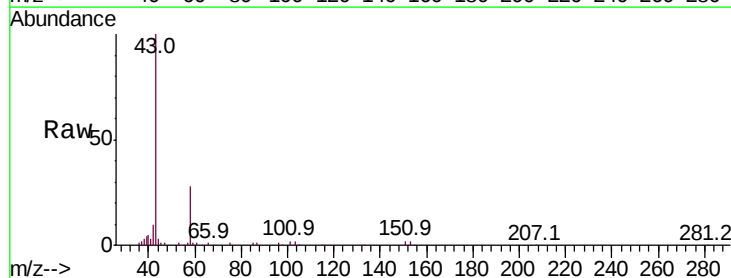
Acq: 04 Sep 2020 19:24

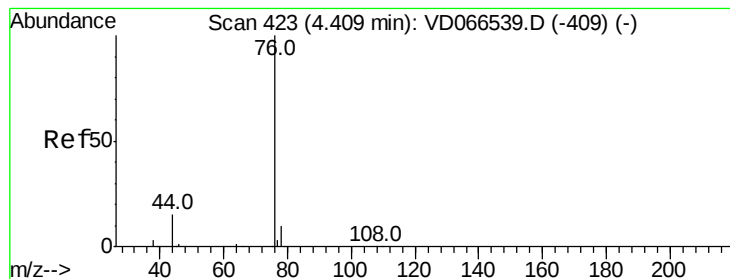
Tgt Ion: 43 Resp: 211170

Ion Ratio Lower Upper

43 100

58 27.8 22.9 34.3





#17

Carbon Disulfide

Concen: 43.639 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

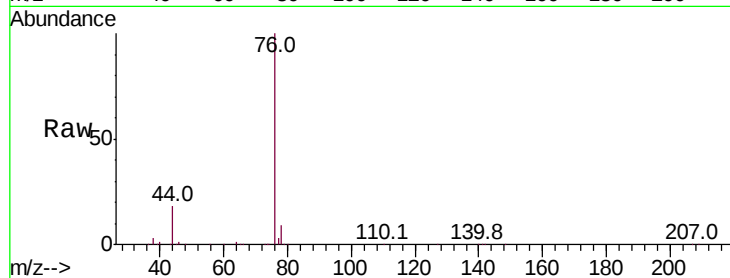
VSTDCCC050EC

Tot Ion: 76 Resp: 642416

Ion Ratio Lower Upper

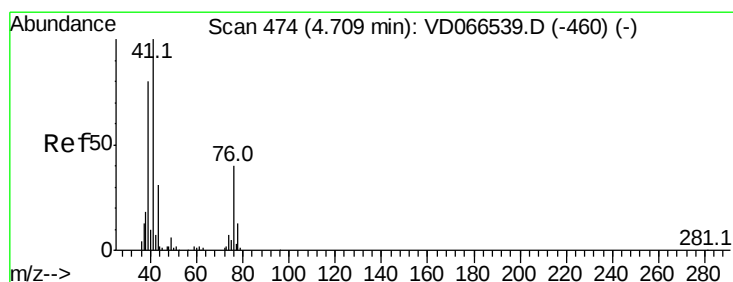
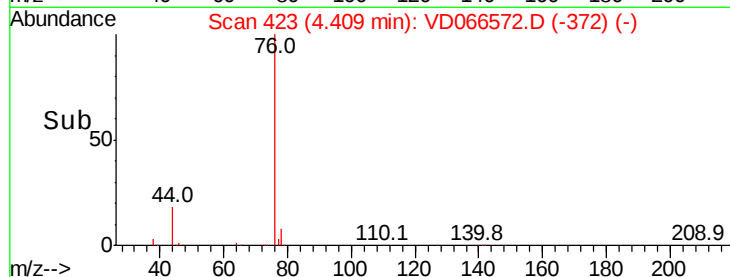
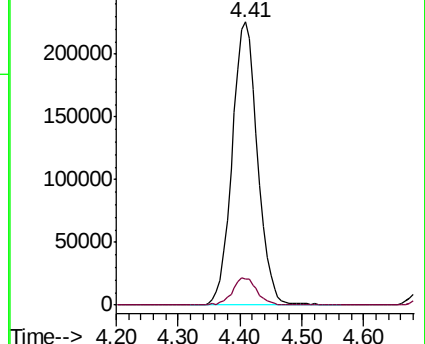
76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.204 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066572.D

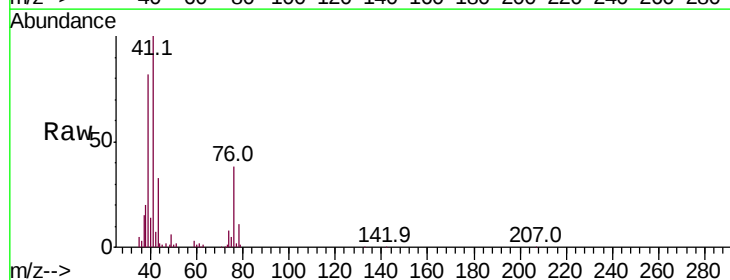
Acq: 04 Sep 2020 19:24

Tgt Ion: 43 Resp: 106623

Ion Ratio Lower Upper

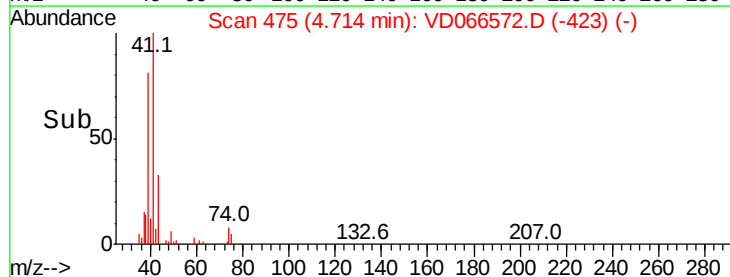
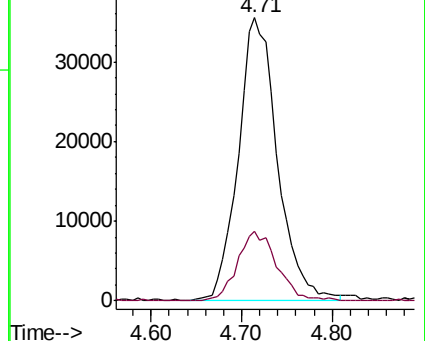
43 100

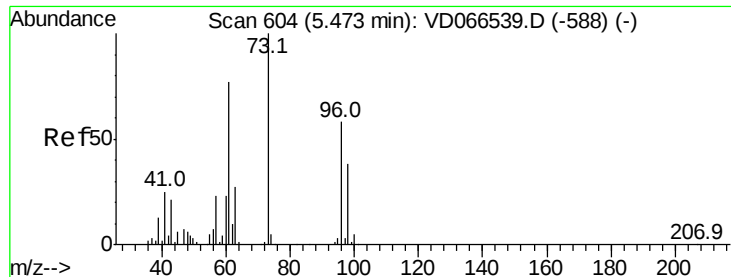
74 24.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



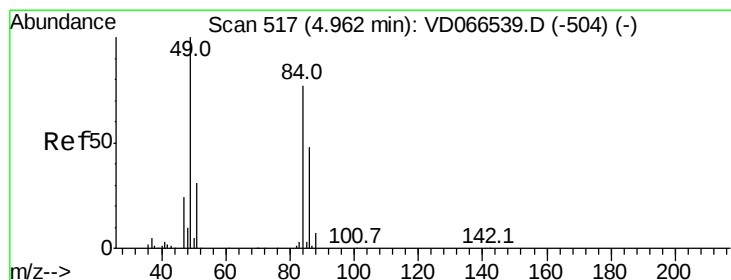
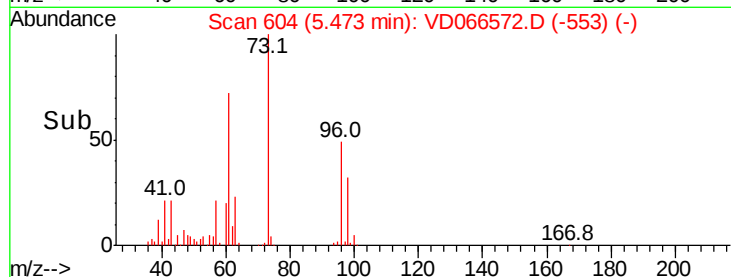
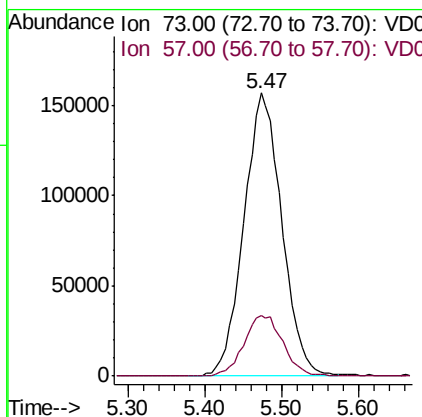
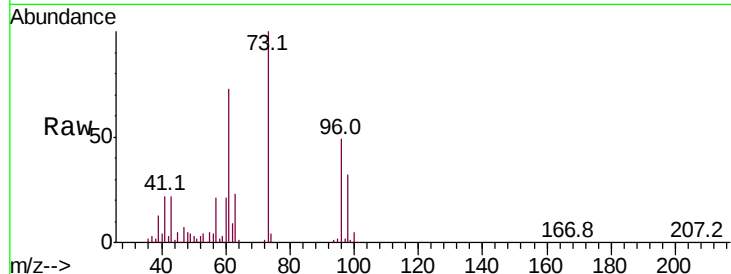


#19

Methyl tert-butyl Ether
 Concen: 51.470 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

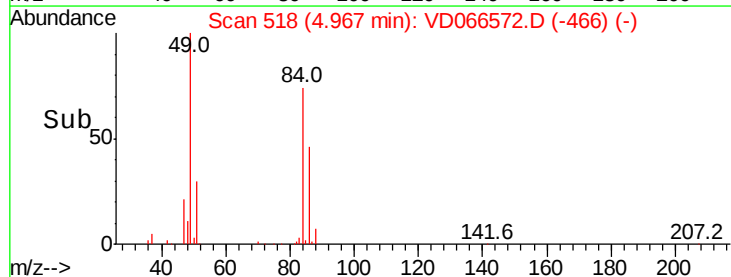
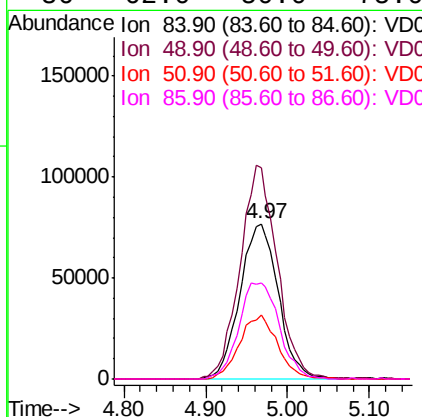
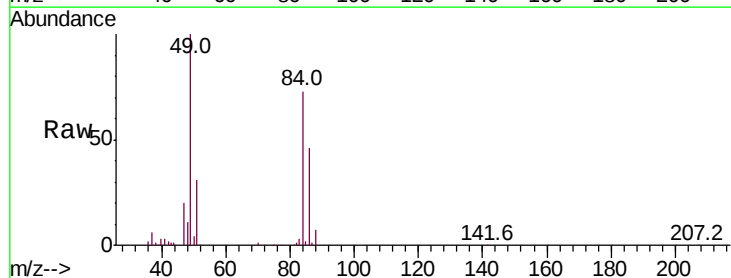
Tot Ion: 73 Resp: 540495
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.3 27.5

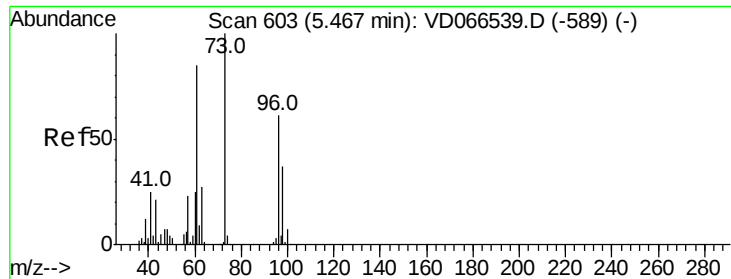


#20

Methylene Chloride
 Concen: 45.876 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Tgt Ion: 84 Resp: 250325
 Ion Ratio Lower Upper
 84 100
 49 136.3 104.3 156.5
 51 41.6 32.2 48.4
 86 62.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 45.460 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

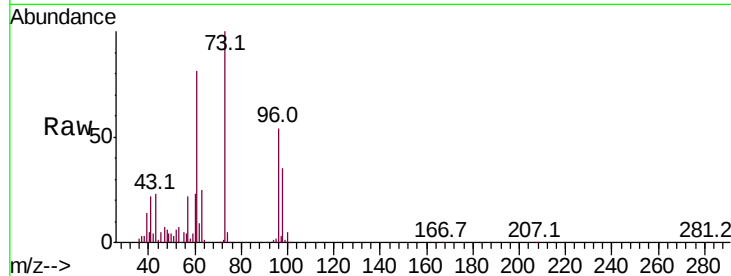
Tot Ion: 96 Resp: 241743

Ion Ratio Lower Upper

96 100

61 150.8 112.1 168.1

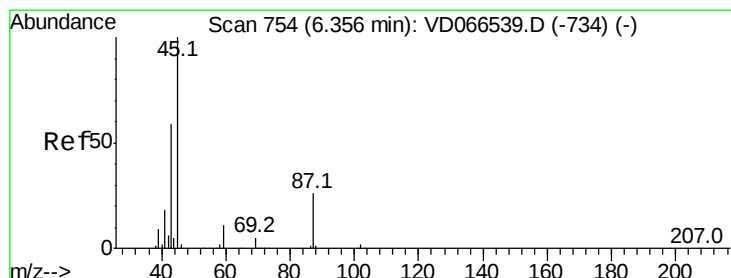
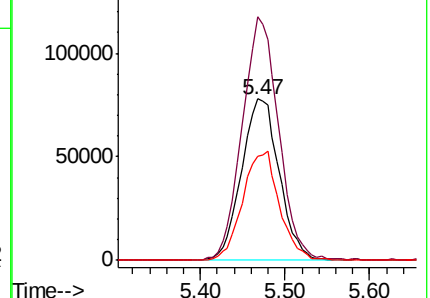
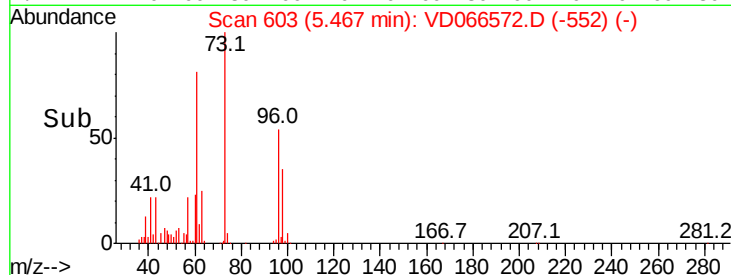
98 64.7 48.6 72.8



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: 49.841 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Tgt Ion: 45 Resp: 752197

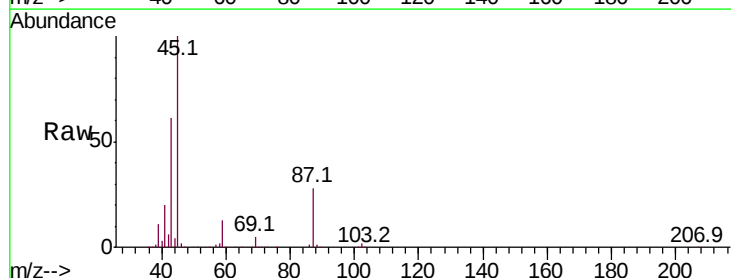
Ion Ratio Lower Upper

45 100

43 61.0 47.0 70.4

87 27.4 21.3 31.9

59 12.5 8.7 13.1

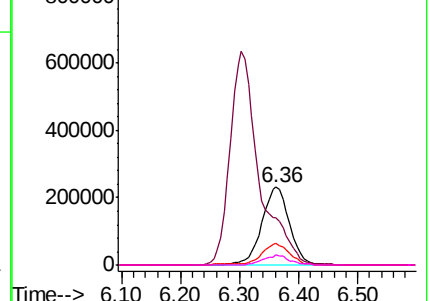
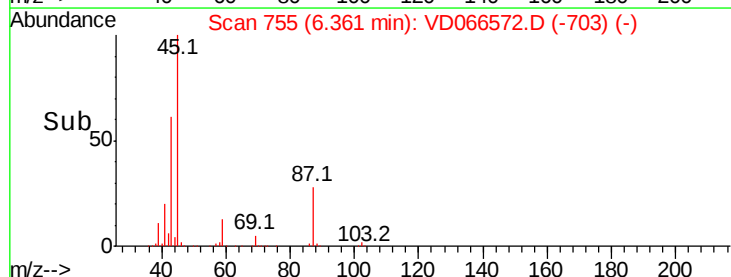


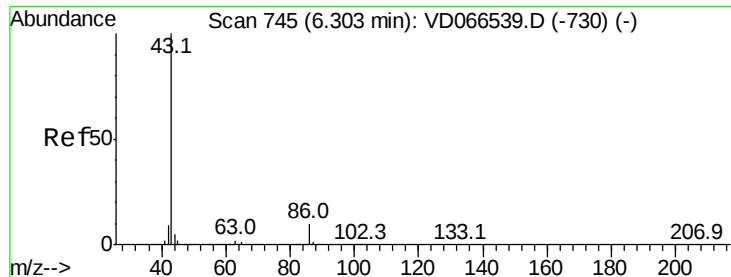
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 255.766 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

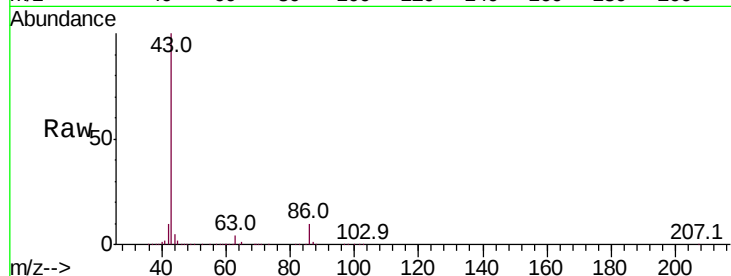
VSTDCCC050EC

Tot Ion: 43 Resp: 2196619

Ion Ratio Lower Upper

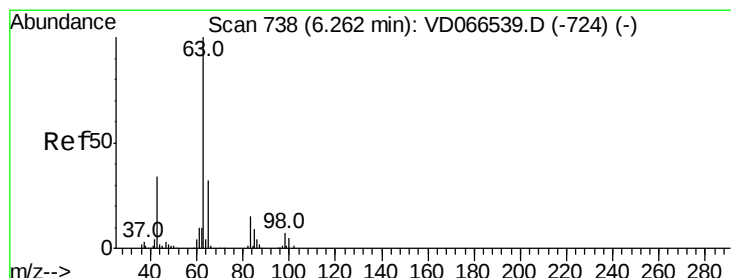
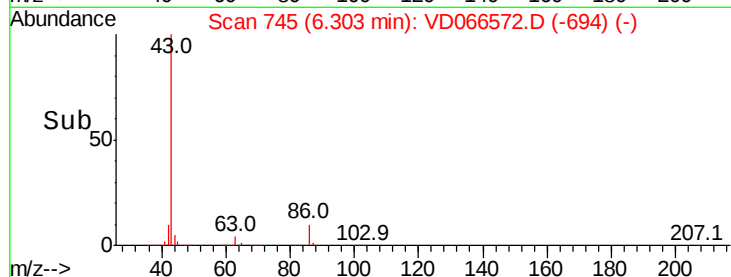
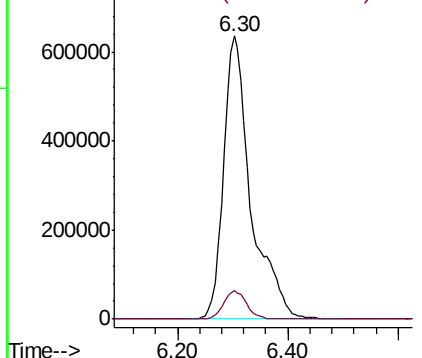
43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.867 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

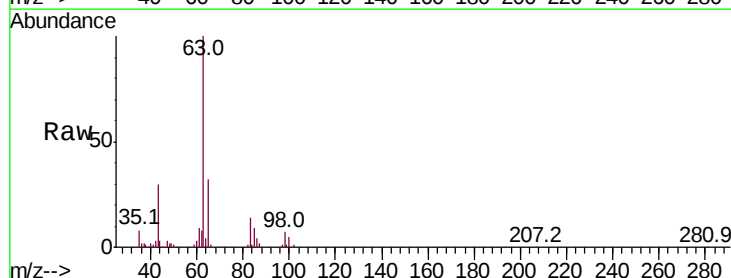
Tgt Ion: 63 Resp: 444802

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

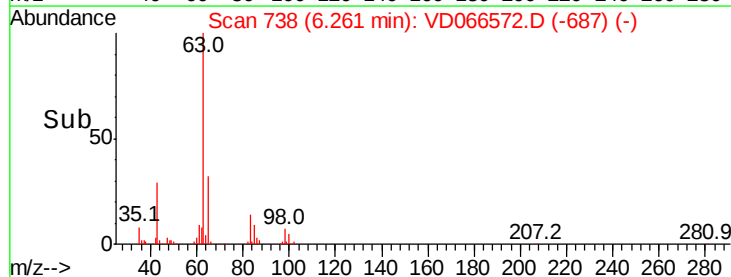
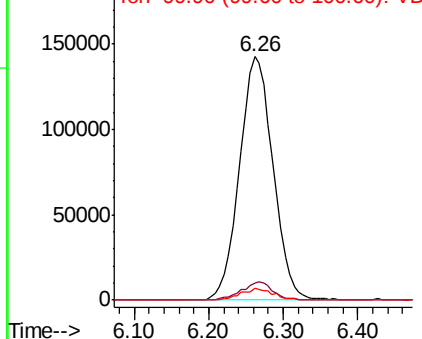
100 4.8 2.5 7.4

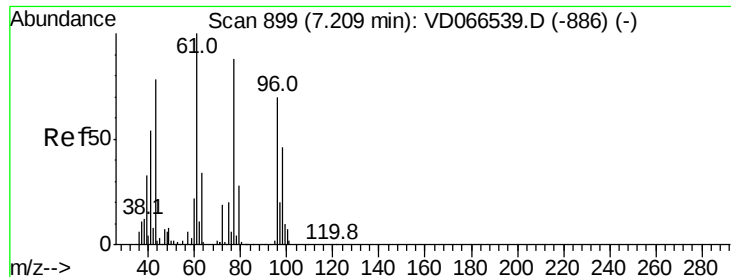


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 231.973 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

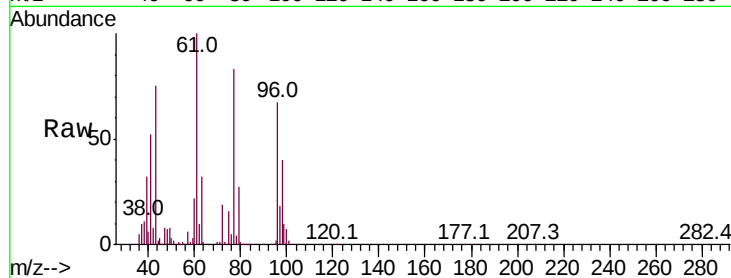
VSTDCCC050EC

Tot Ion: 43 Resp: 308119

Ion Ratio Lower Upper

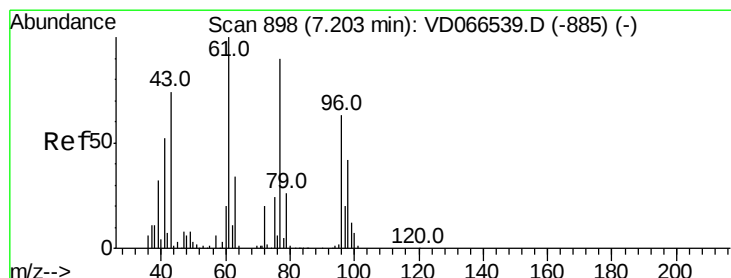
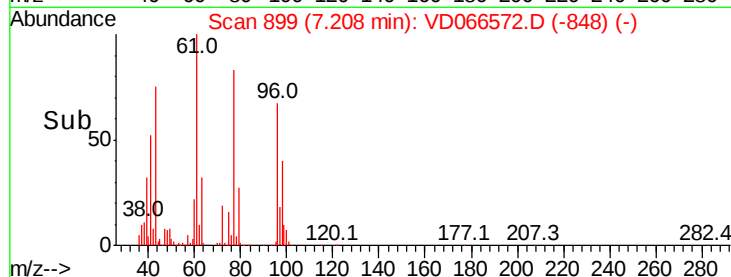
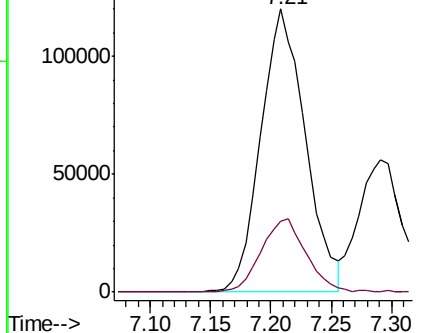
43 100

72 25.3 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 45.202 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066572.D

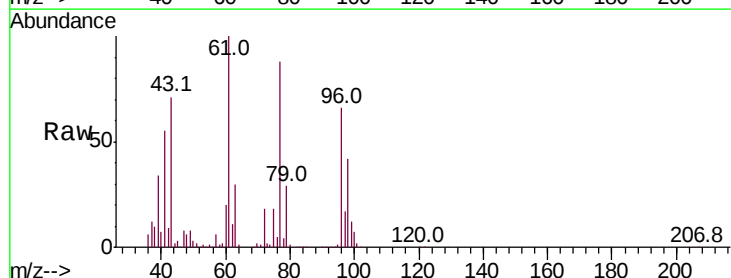
Acq: 04 Sep 2020 19:24

Tgt Ion: 77 Resp: 393512

Ion Ratio Lower Upper

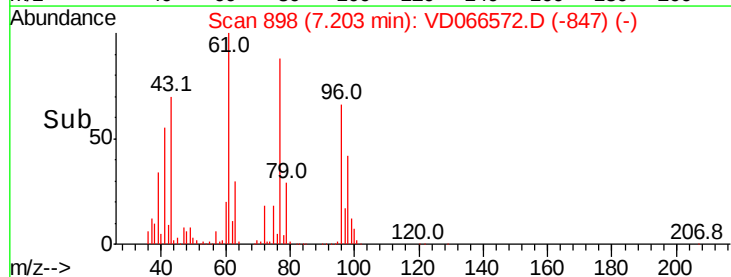
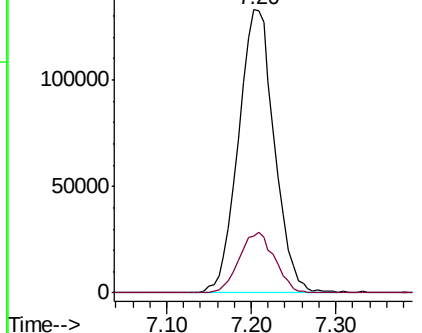
77 100

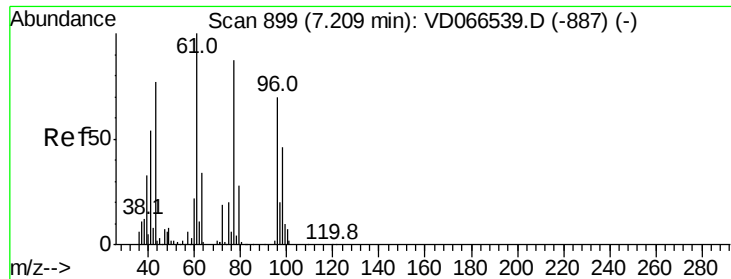
97 21.2 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



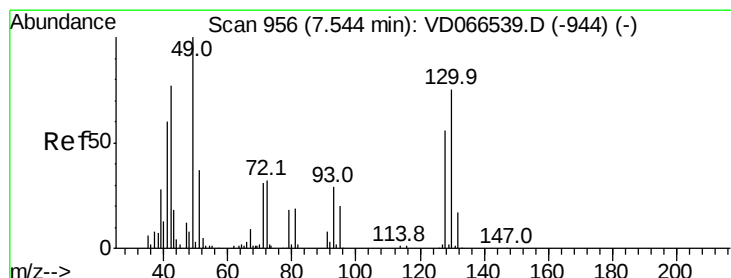
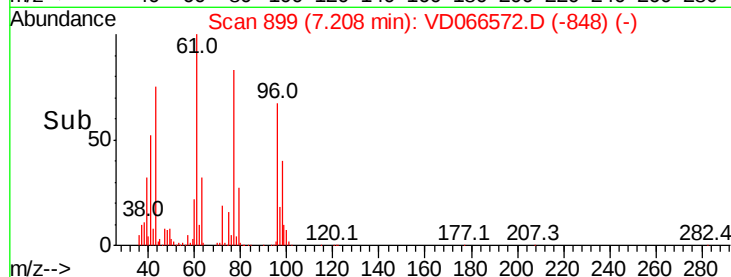
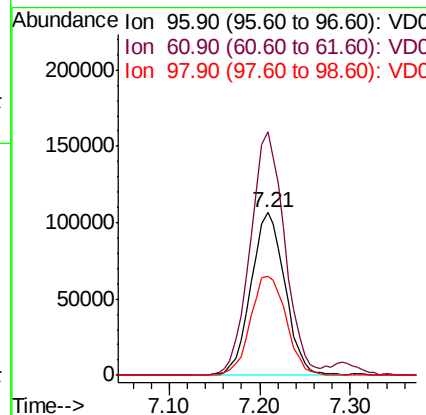
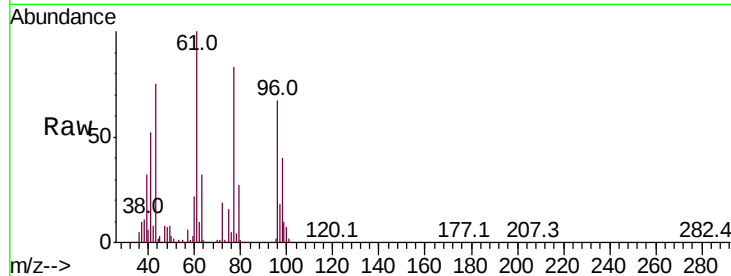


#27

cis-1,2-Dichloroethene
Concen: 48.650 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

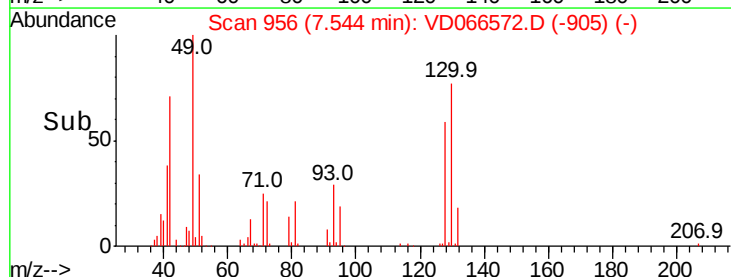
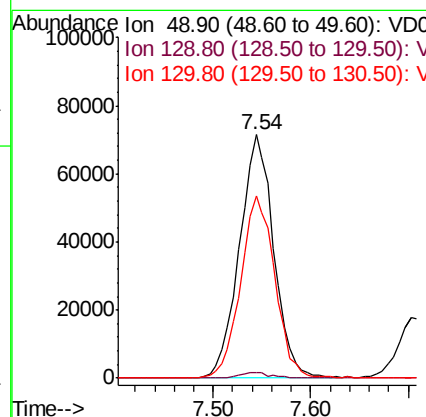
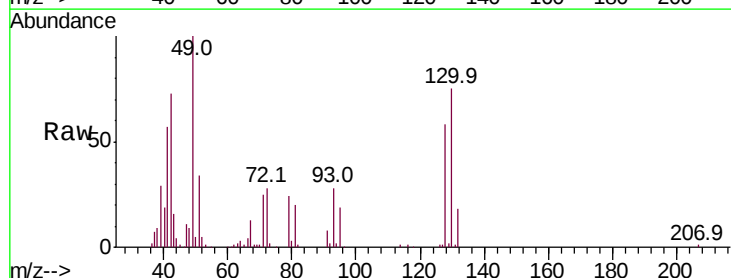
Tot Ion: 96 Resp: 278201
Ion Ratio Lower Upper
96 100
61 151.5 0.0 301.0
98 63.6 0.0 129.8

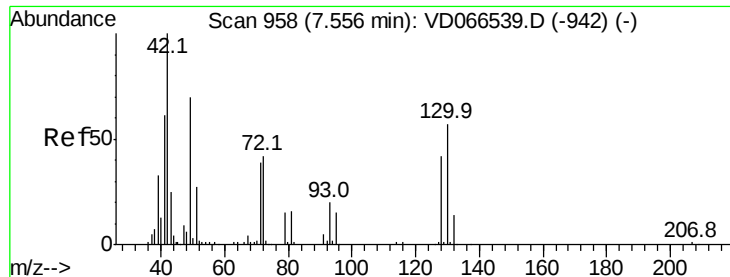


#28

Bromochloromethane
Concen: 47.867 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 49 Resp: 174900
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.6
130 75.0 58.2 87.2

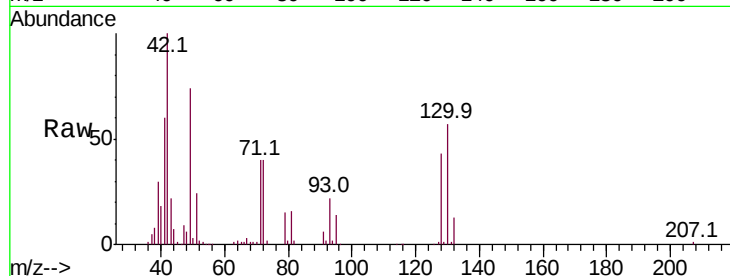




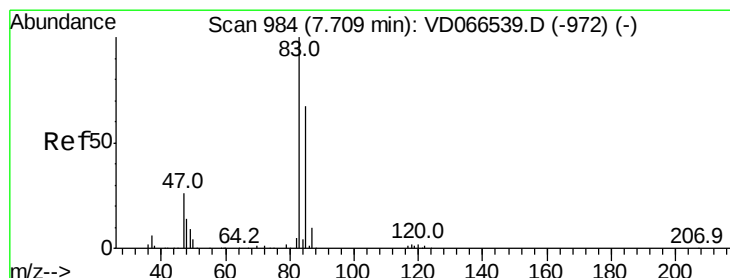
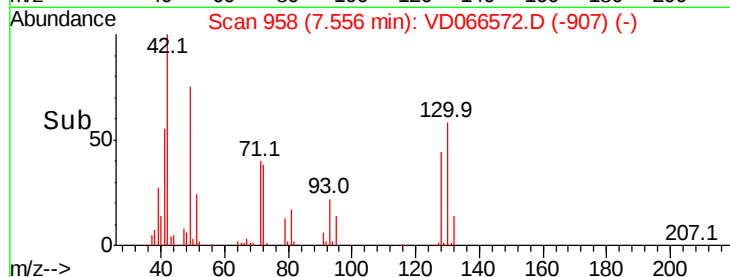
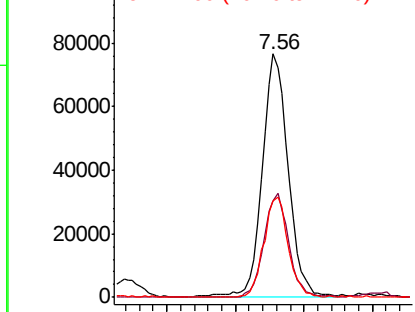
#29
Tetrahydrofuran
Concen: 244.208 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 202015
Ion Ratio Lower Upper
42 100
72 40.4 33.4 50.0
71 38.8 31.9 47.9

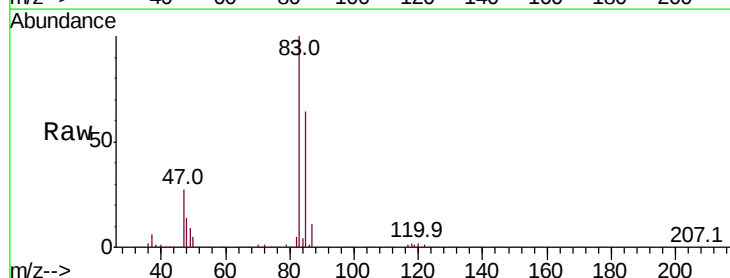


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

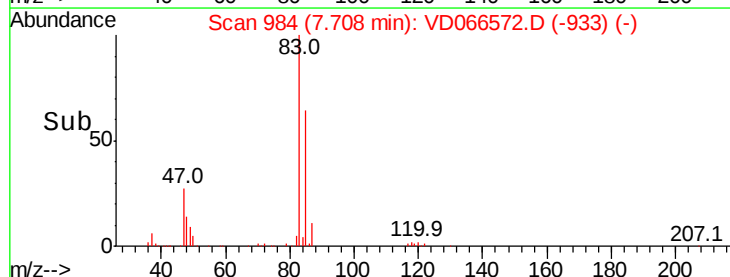
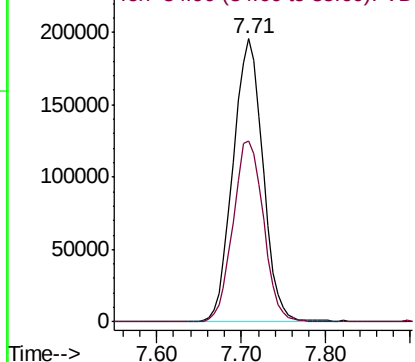


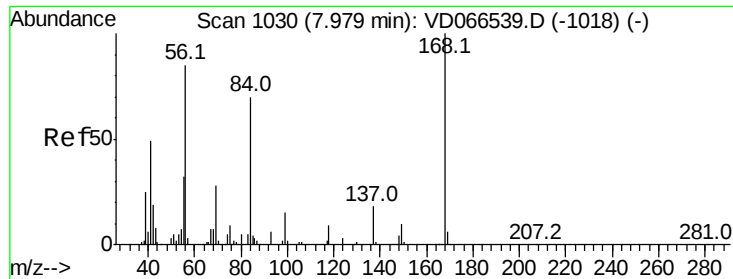
#30
Chloroform
Concen: 47.744 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 83 Resp: 479378
Ion Ratio Lower Upper
83 100
85 64.1 53.6 80.4



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

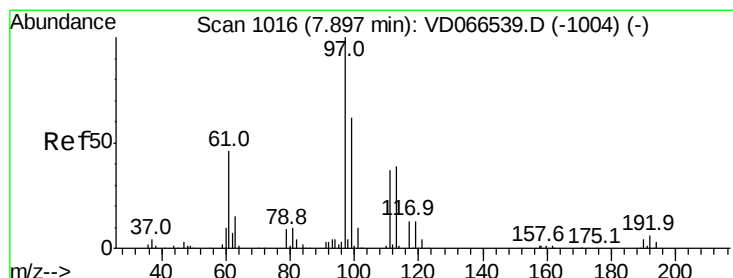
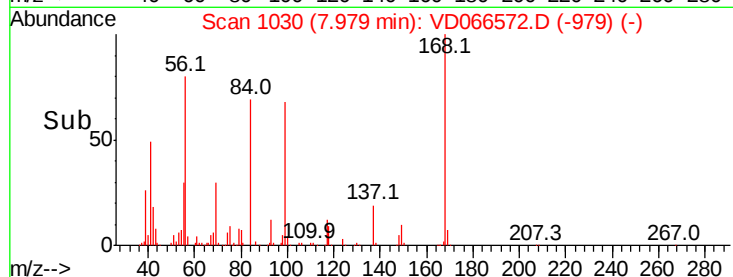
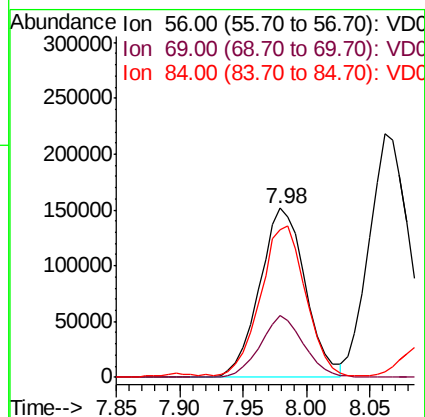
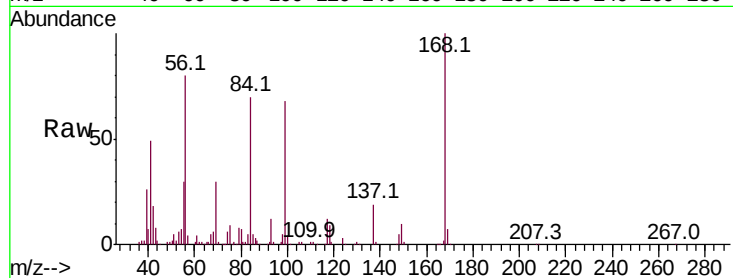




#31
Cyclohexane
Concen: 43.592 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

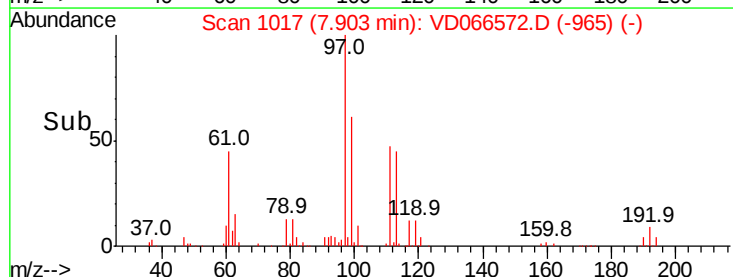
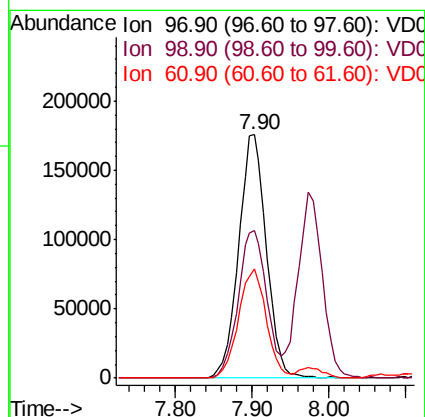
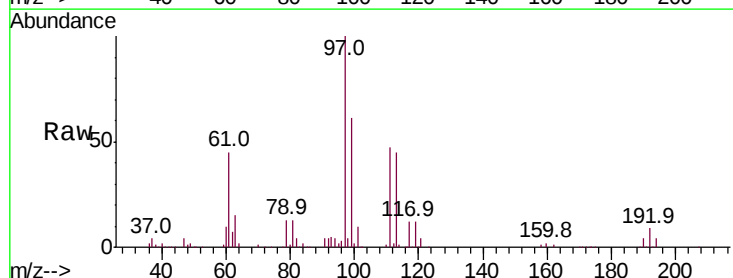
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

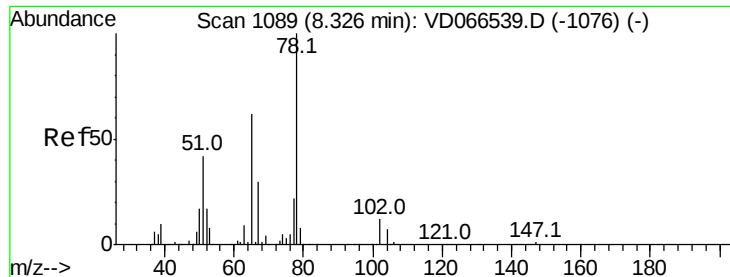
Tot Ion: 56 Resp: 382439
Ion Ratio Lower Upper
56 100
69 37.0 26.3 39.5
84 85.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 46.916 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 97 Resp: 442887
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 45.0 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 47.858 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

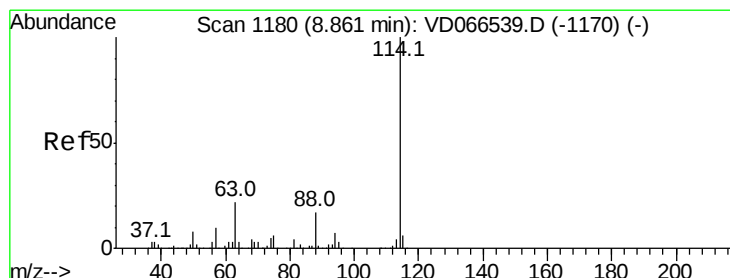
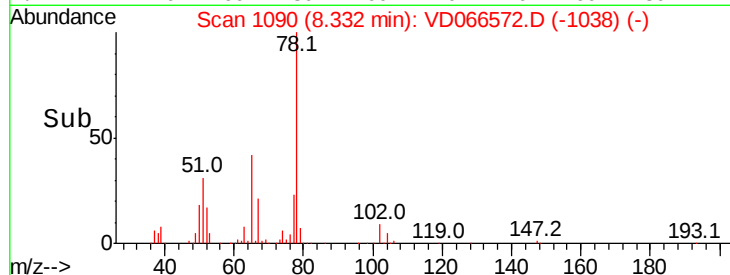
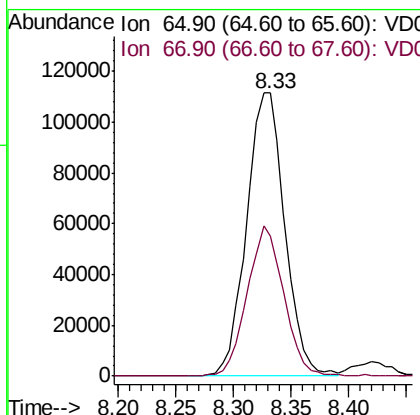
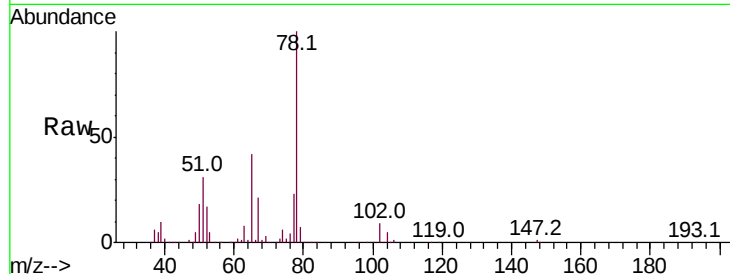
Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 257360

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

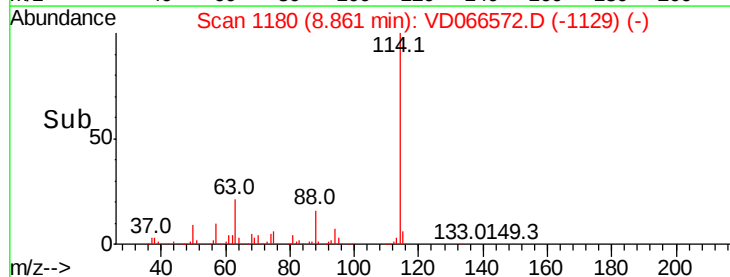
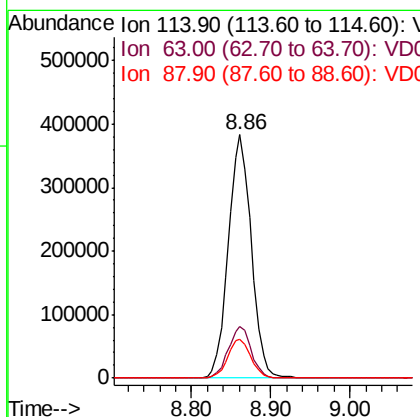
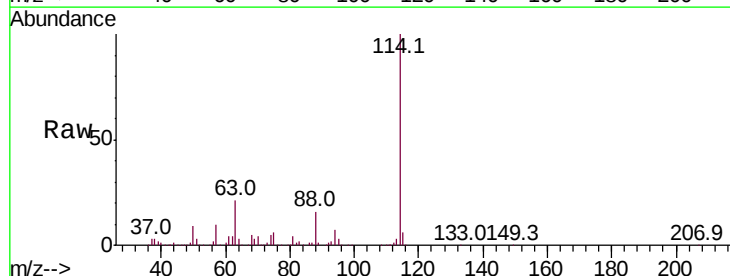
Delta R.T. -0.00 min

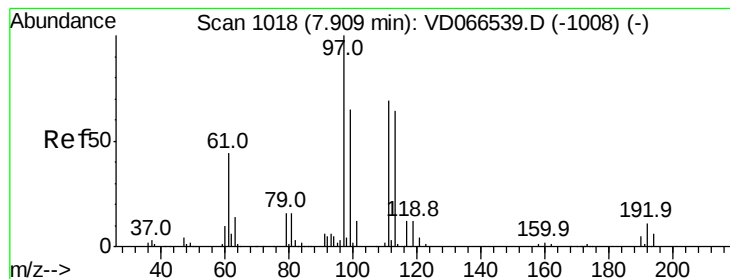
Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Tgt Ion: 114 Resp: 766341

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	15.8	0.0	33.2





#35

Dibromofluoromethane

Concen: 46.662 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

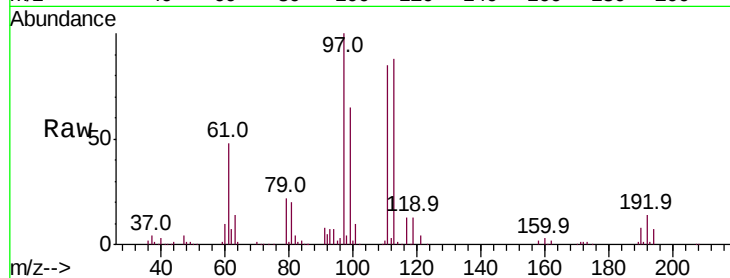
Tot Ion:113 Resp: 241236

Ion Ratio Lower Upper

113 100

111 100.1 83.2 124.8

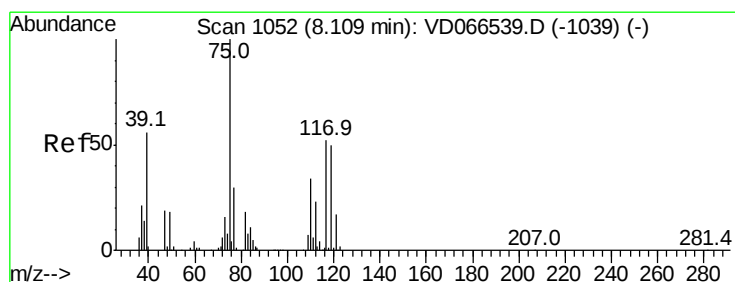
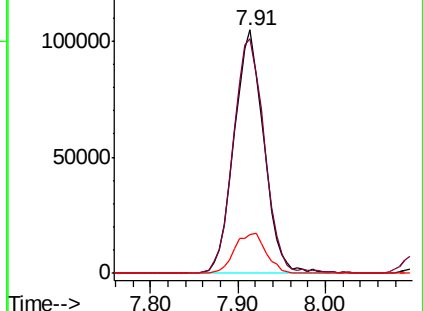
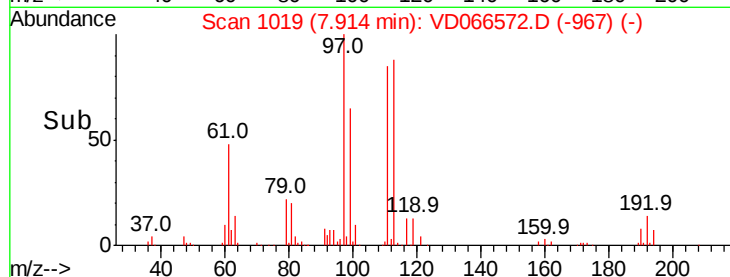
192 17.5 13.7 20.5



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: 44.092 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

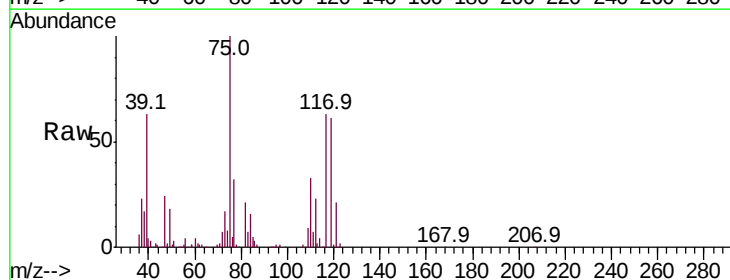
Tgt Ion: 75 Resp: 351646

Ion Ratio Lower Upper

75 100

110 34.1 17.3 52.0

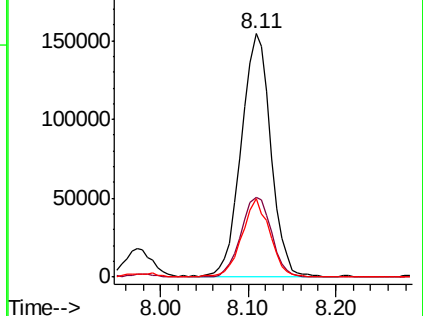
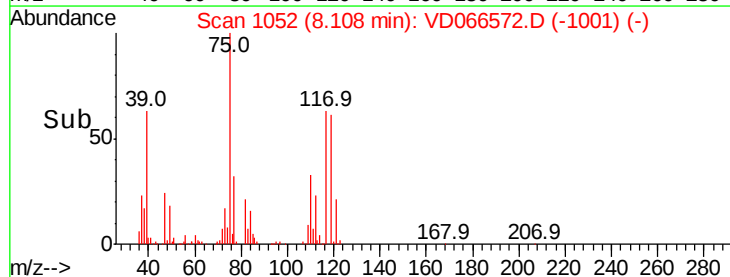
77 30.7 25.1 37.7

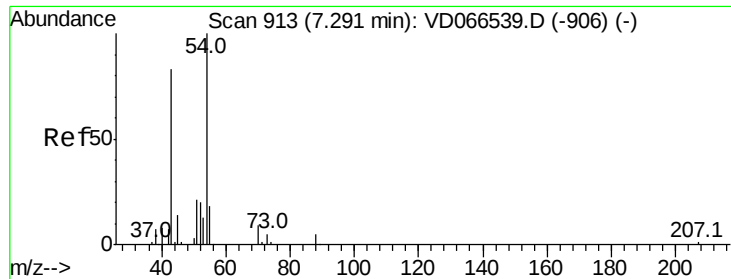


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

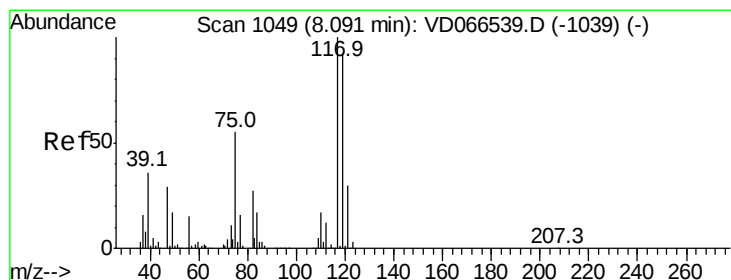
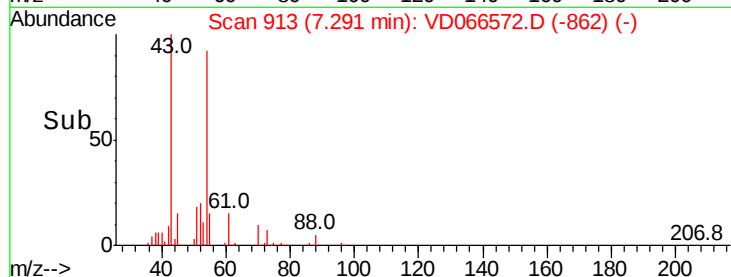
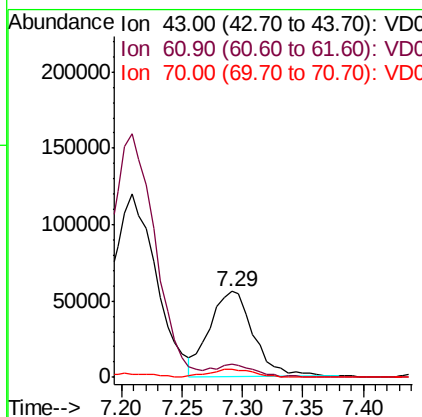
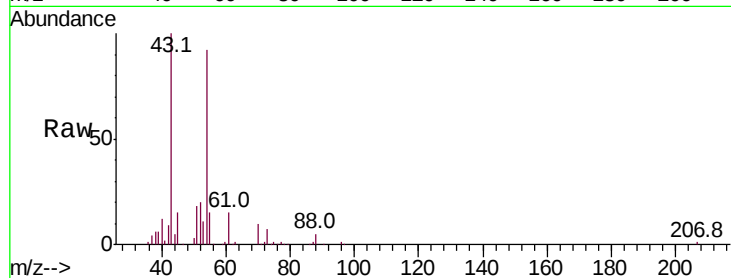




#37
Ethyl Acetate
Concen: 44.494 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

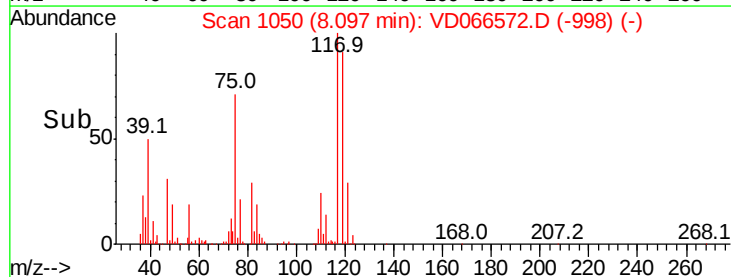
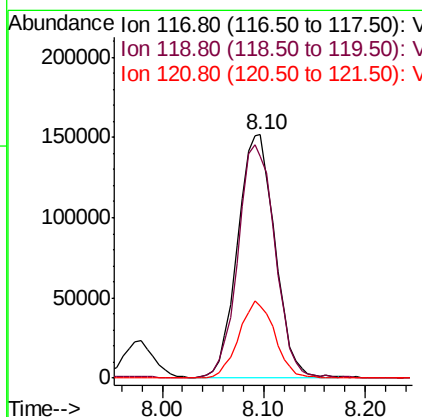
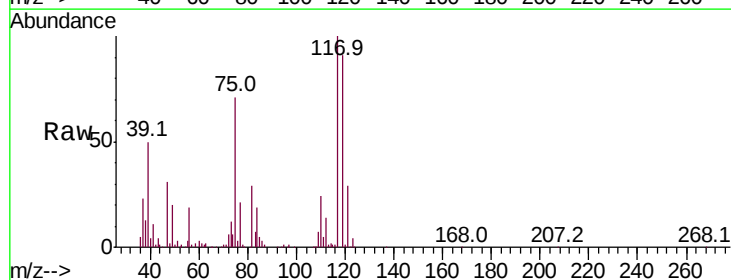
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

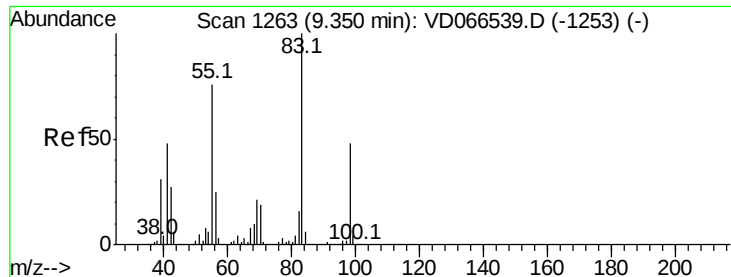
Tot Ion: 43 Resp: 141300
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 45.859 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 117 Resp: 386579
Ion Ratio Lower Upper
117 100
119 91.1 73.9 110.9
121 29.4 24.1 36.1

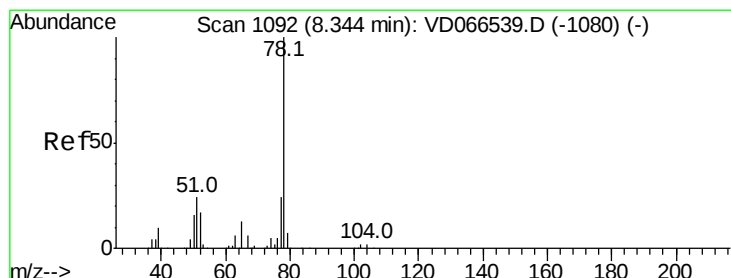
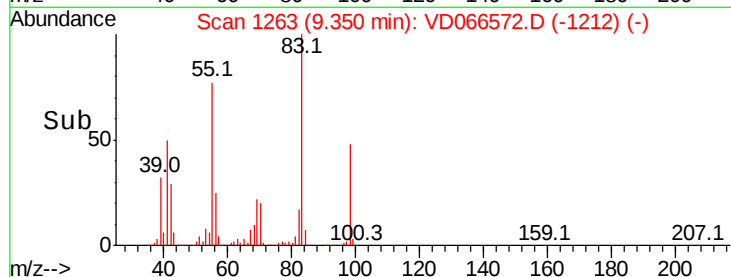
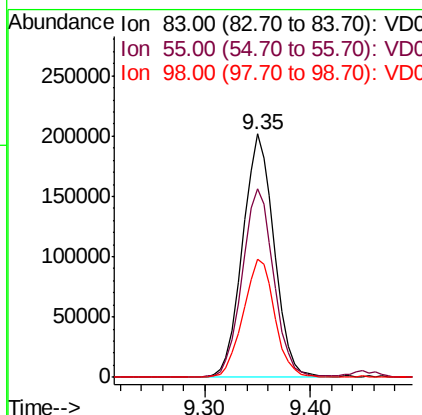
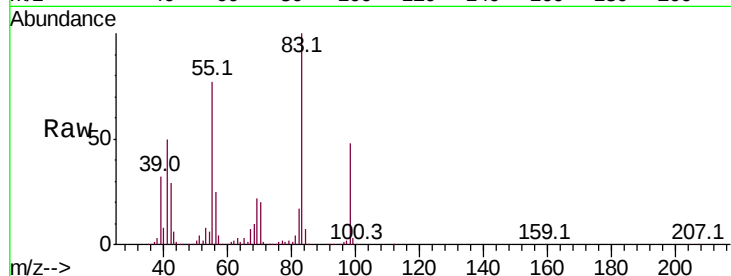




#39
Methvlcvclohexane
Concen: 46.976 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

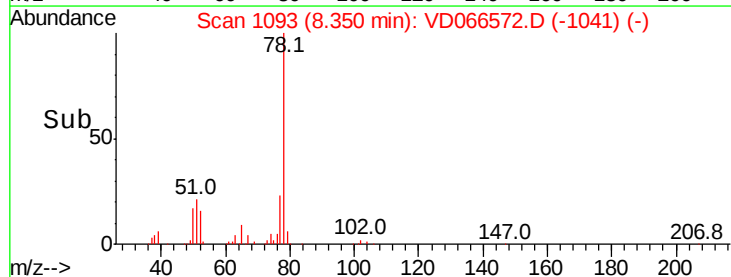
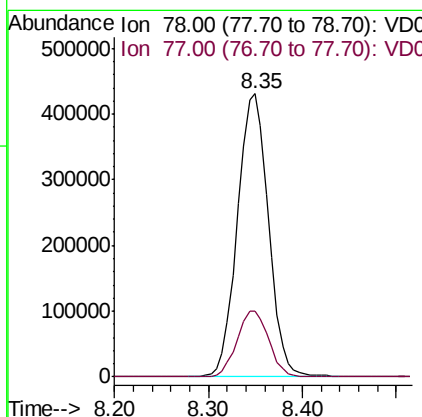
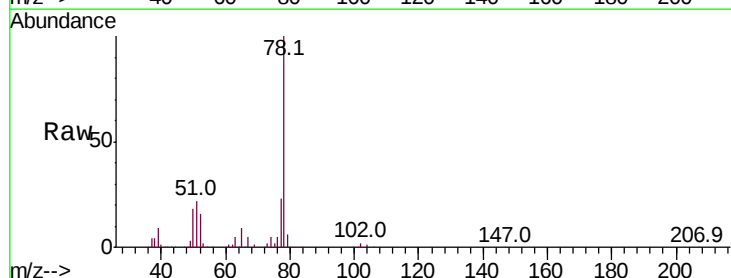
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

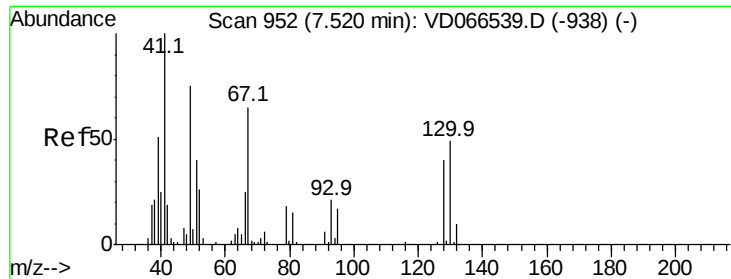
Tot Ion: 83 Resp: 418349
Ion Ratio Lower Upper
83 100
55 77.3 60.8 91.2
98 48.3 38.6 58.0



#40
Benzene
Concen: 45.202 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 78 Resp: 987330
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

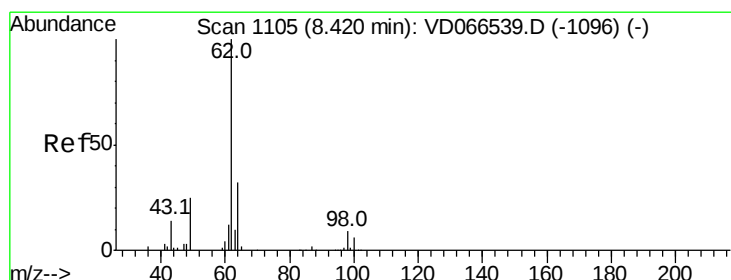
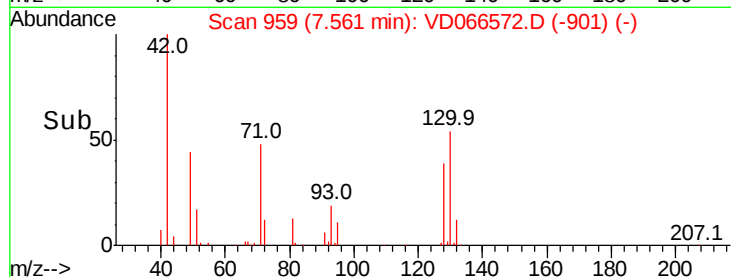
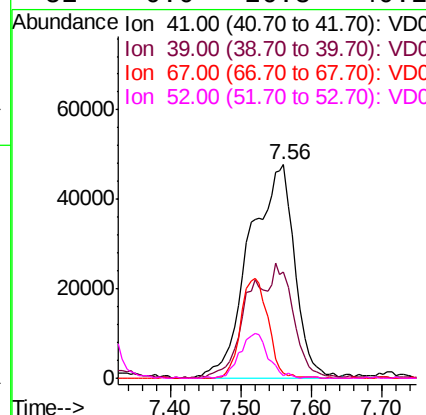
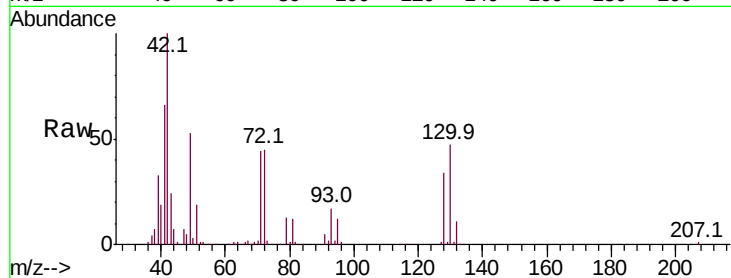




#41
Methacrylonitrile
Concen: 138.078 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

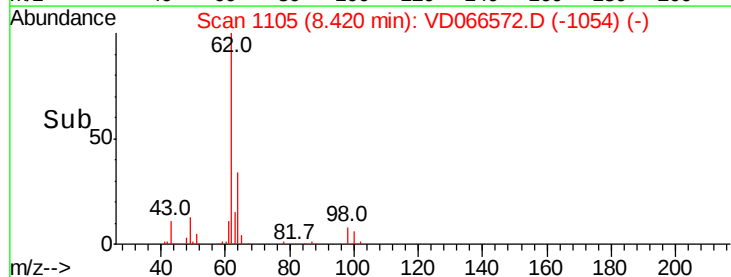
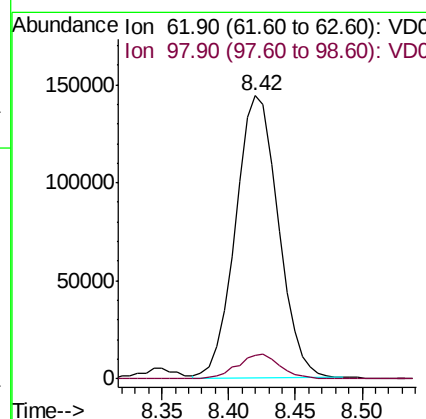
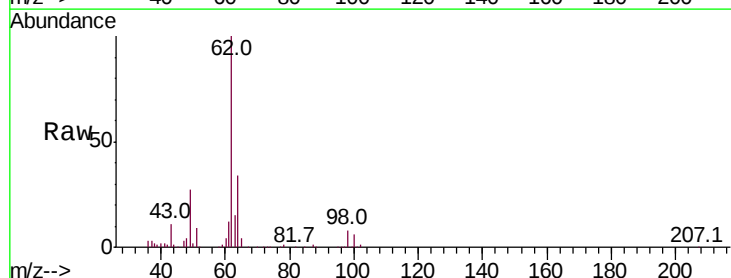
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

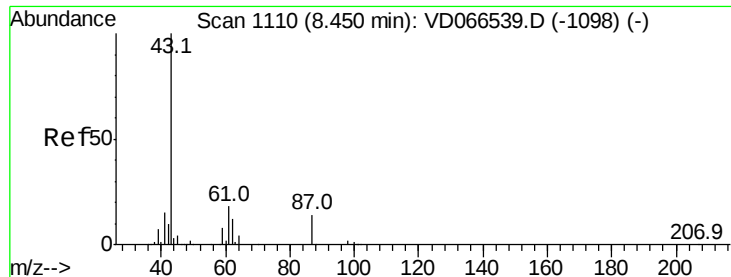
Tot Ion: 41 Resp: 212259
Ion Ratio Lower Upper
41 100
39 26.2 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 45.335 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 62 Resp: 320840
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 47.626 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

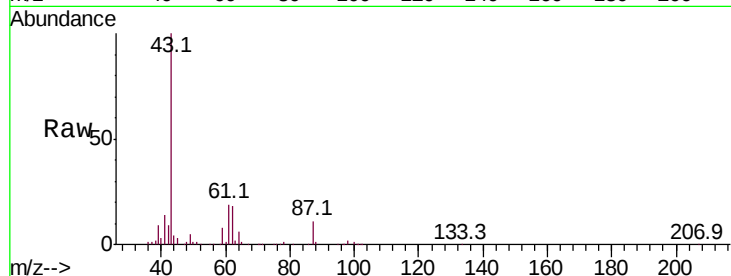
Tot Ion: 43 Resp: 289850

Ion Ratio Lower Upper

43 100

61 29.5 23.8 35.8

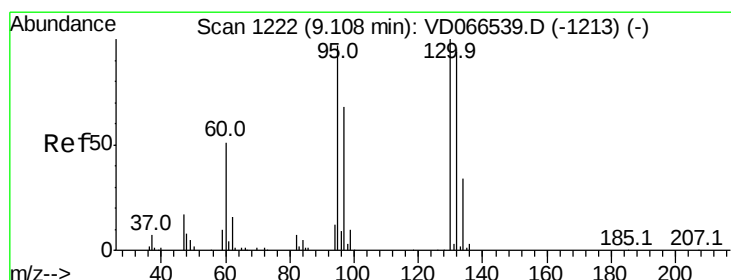
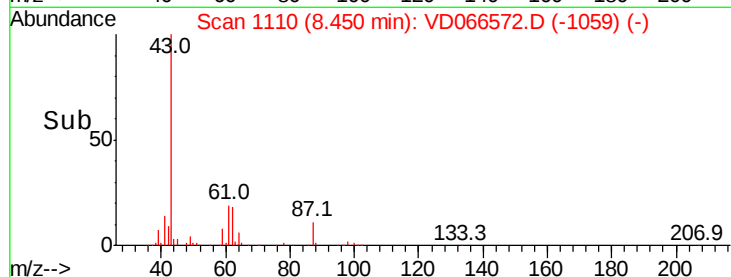
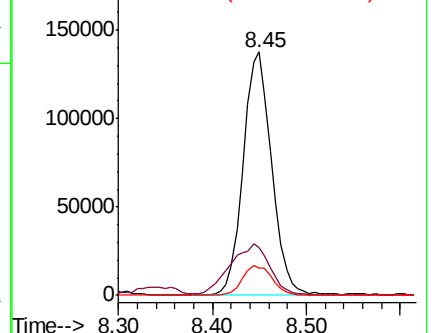
87 12.7 10.7 16.1



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: 45.887 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066572.D

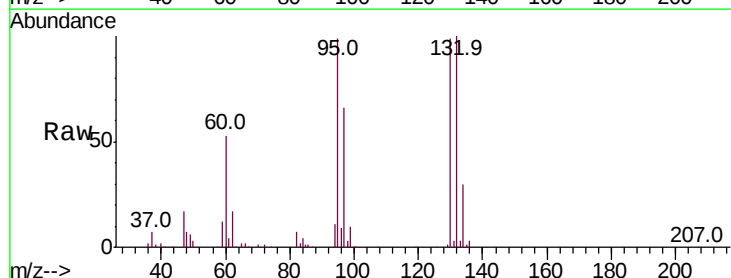
Acq: 04 Sep 2020 19:24

Tgt Ion:130 Resp: 262908

Ion Ratio Lower Upper

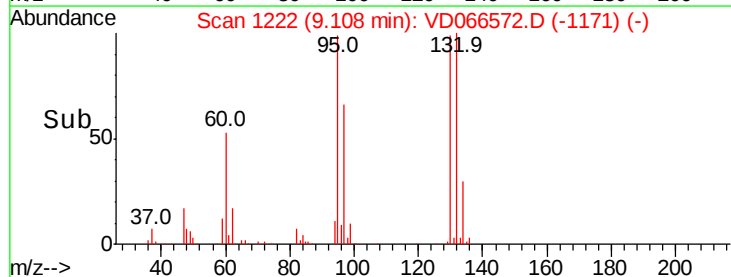
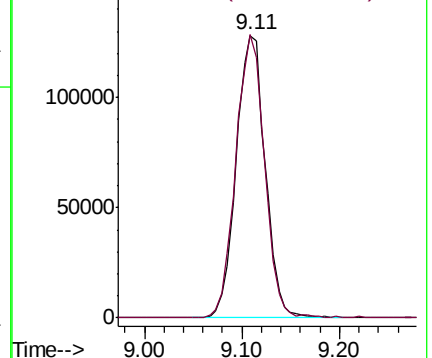
130 100

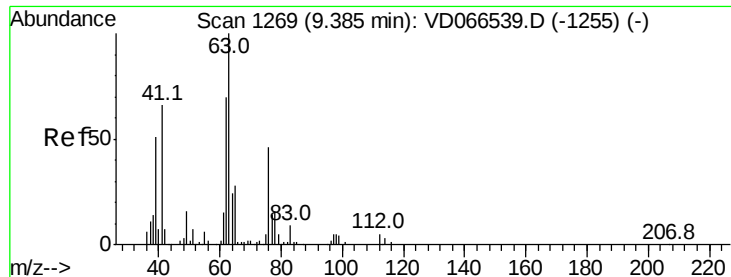
95 100.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 45.947 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

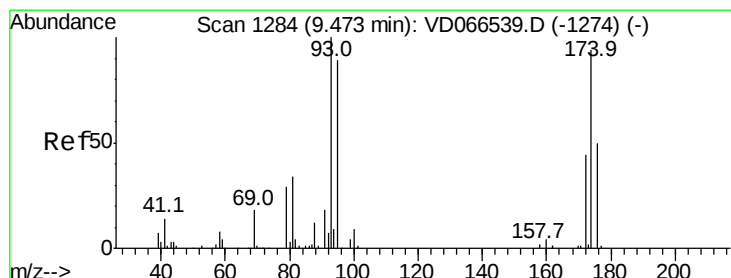
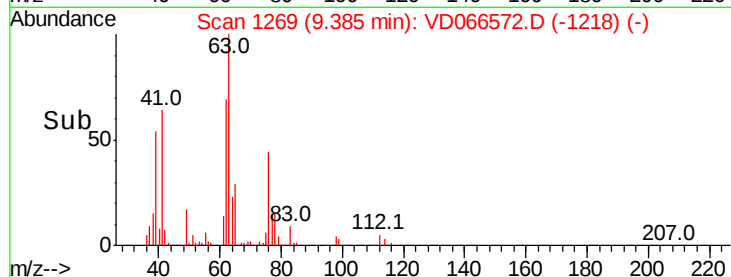
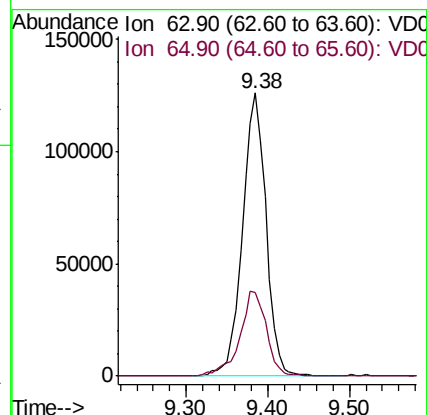
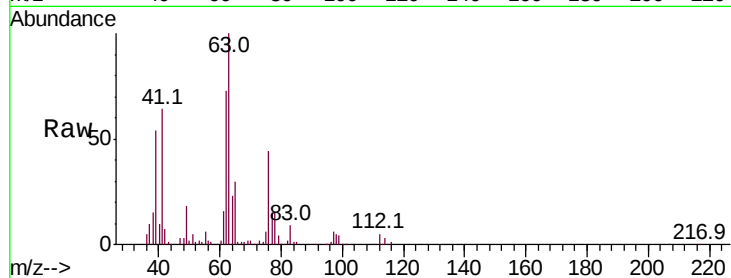
VSTDCCC050EC

Tot Ion: 63 Resp: 252385

Ion Ratio Lower Upper

63 100

65 29.7 22.6 34.0



#46

Dibromomethane

Concen: 45.434 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

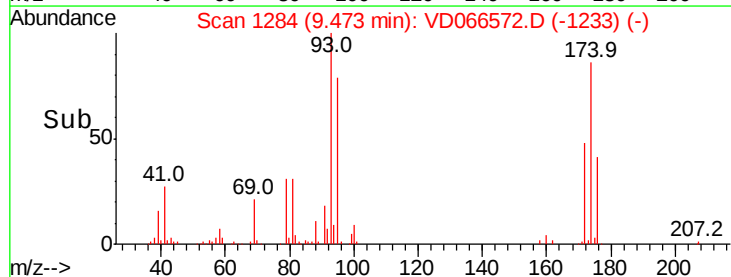
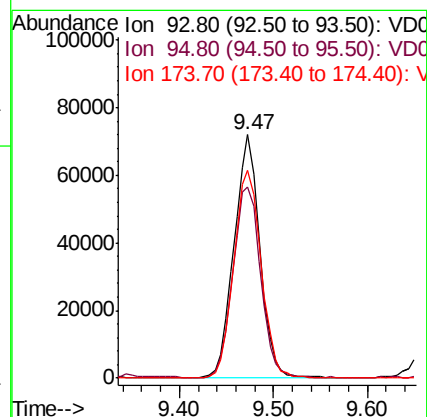
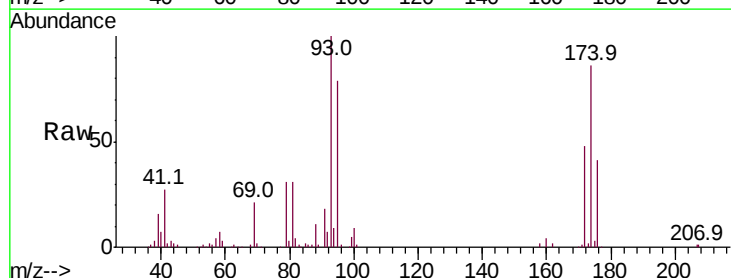
Tgt Ion: 93 Resp: 137690

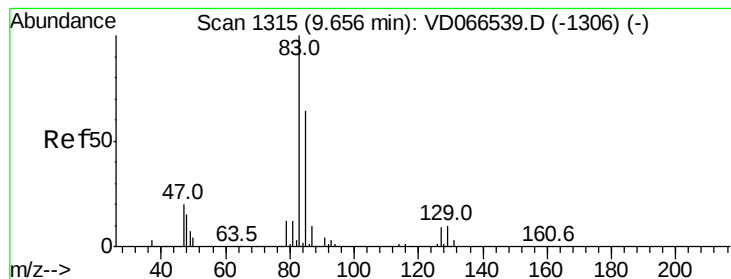
Ion Ratio Lower Upper

93 100

95 84.5 68.7 103.1

174 90.5 70.0 105.0





#47

Bromodichloromethane

Concen: 46.102 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

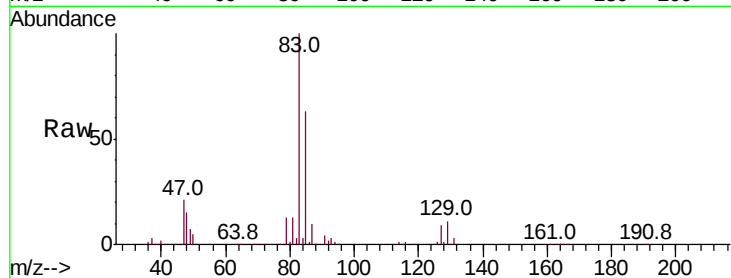
Tot Ion: 83 Resp: 378001

Ion Ratio Lower Upper

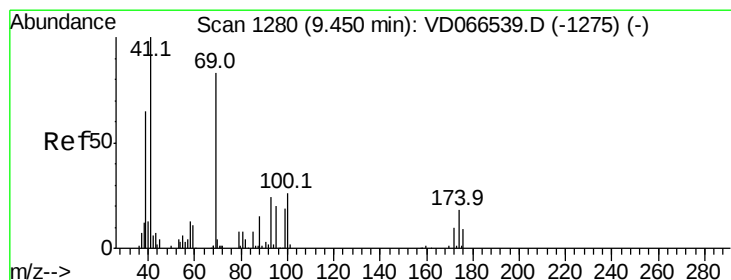
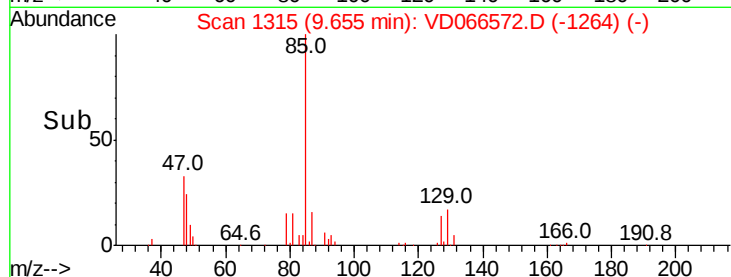
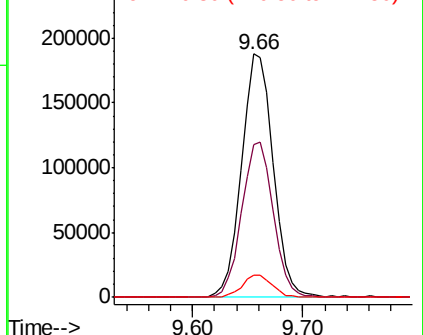
83 100

85 62.5 51.1 76.7

127 8.9 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: 49.001 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

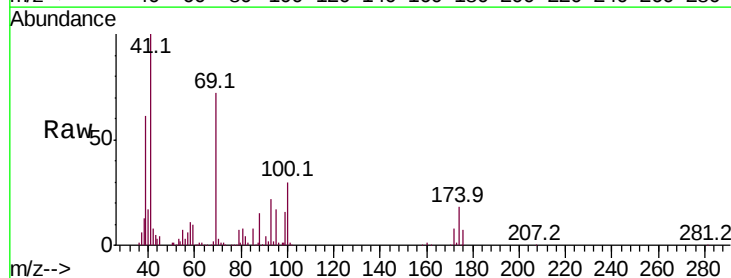
Tgt Ion: 41 Resp: 150796

Ion Ratio Lower Upper

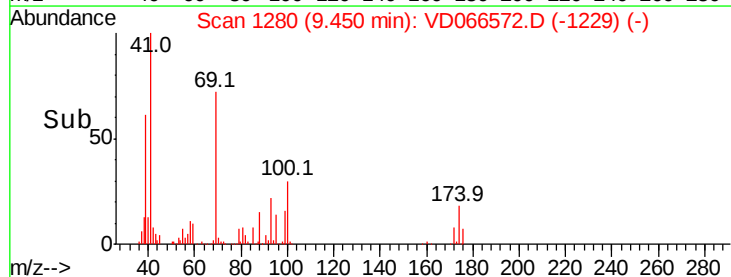
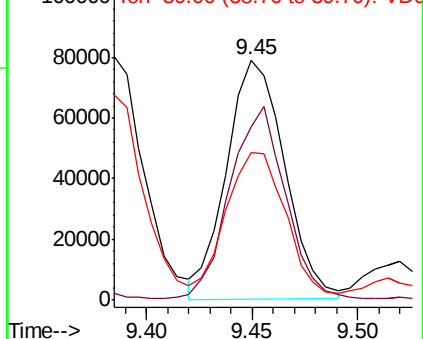
41 100

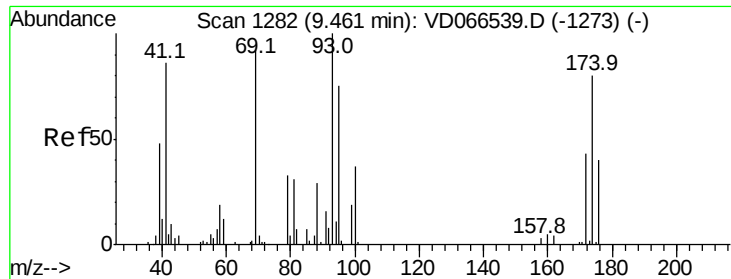
69 76.4 64.5 96.7

39 58.3 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: 955.683 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

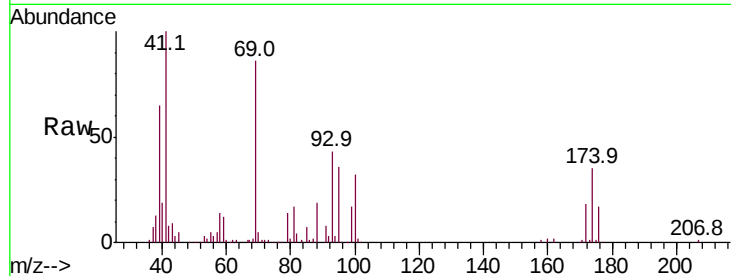
Tot Ion: 88 Resp: 31774

Ion Ratio Lower Upper

88 100

43 35.0 28.3 42.5

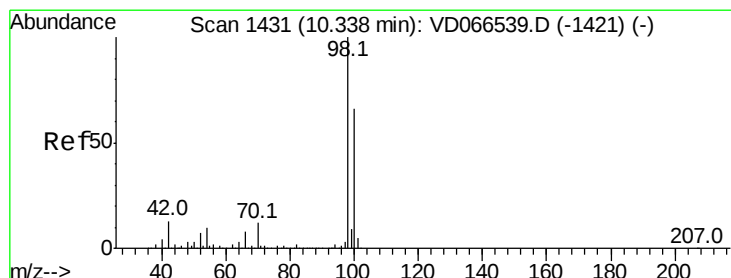
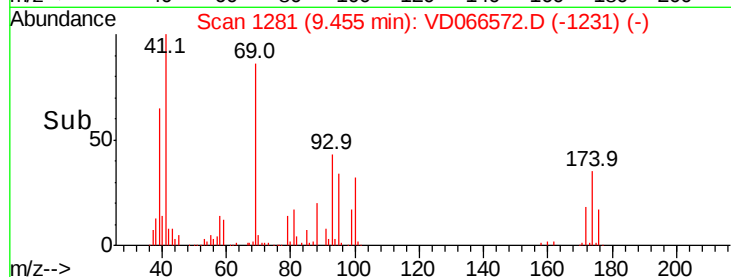
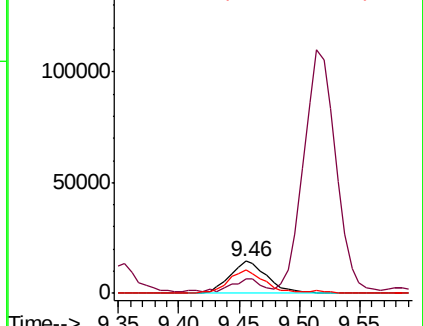
58 70.3 56.1 84.1



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: 47.230 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066572.D

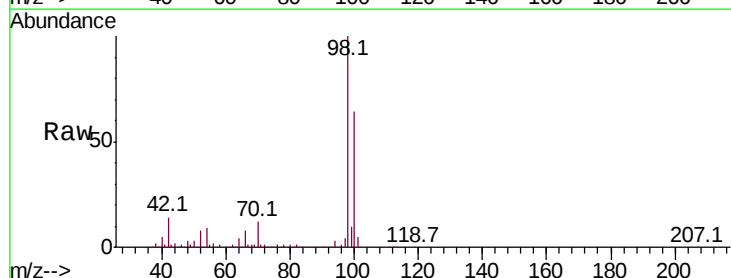
Acq: 04 Sep 2020 19:24

Tgt Ion: 98 Resp: 872697

Ion Ratio Lower Upper

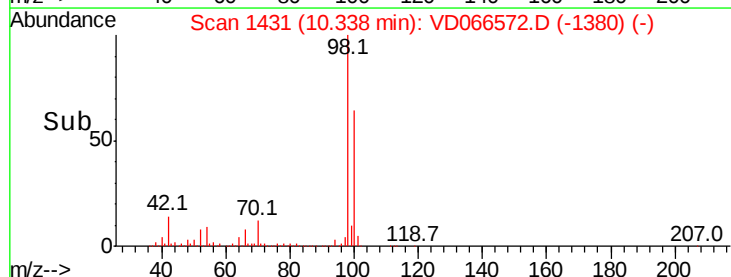
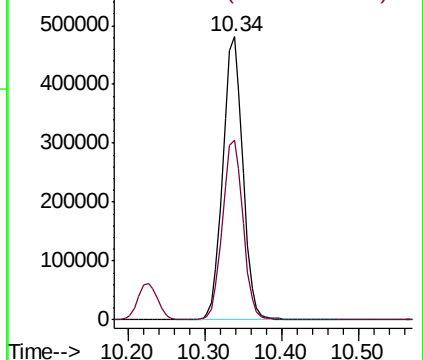
98 100

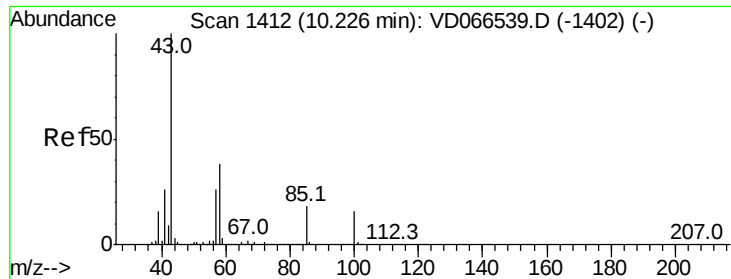
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

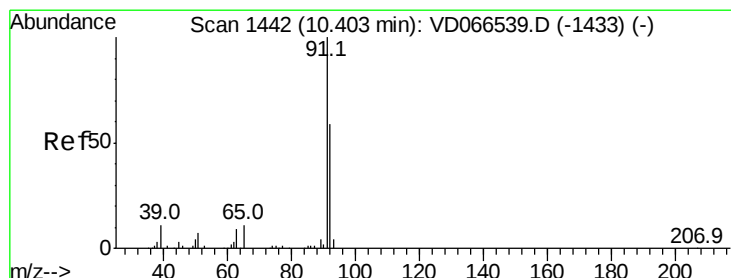
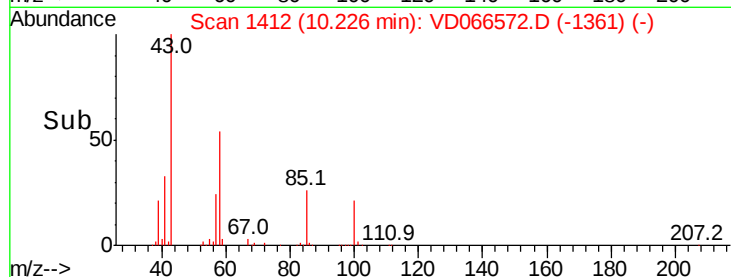
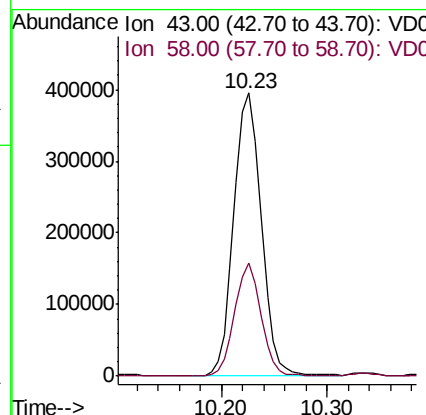
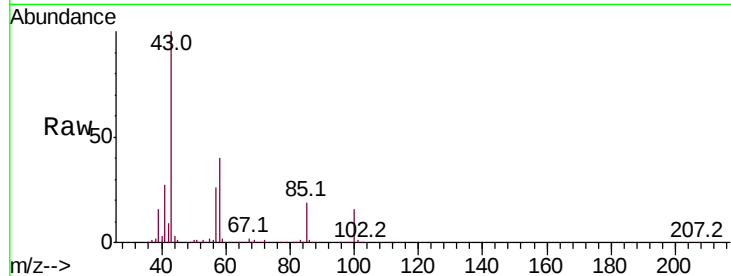




#51
4-Methyl-2-Pentanone
Concen: 232.707 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

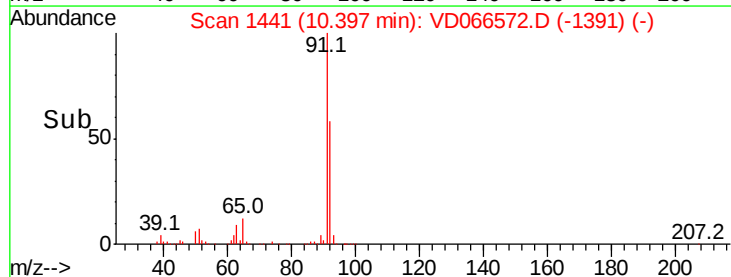
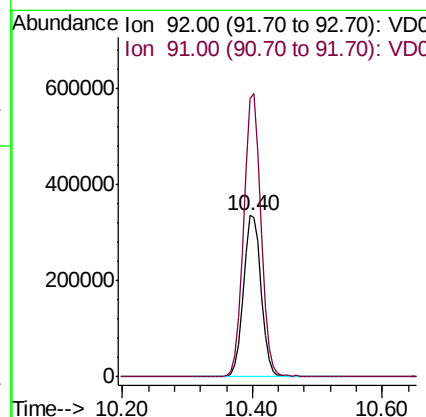
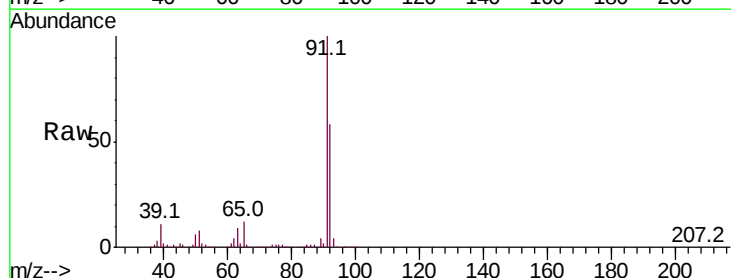
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

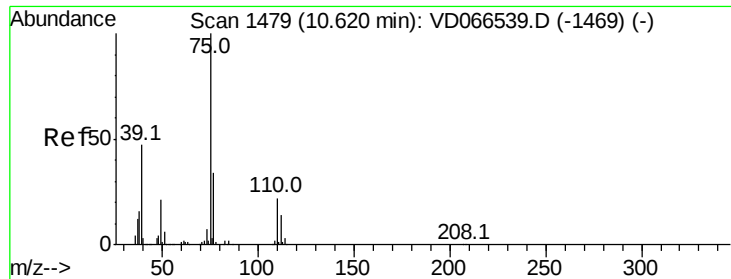
Tot Ion: 43 Resp: 714250
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7



#52
Toluene
Concen: 45.709 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 92 Resp: 631994
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 47.611 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

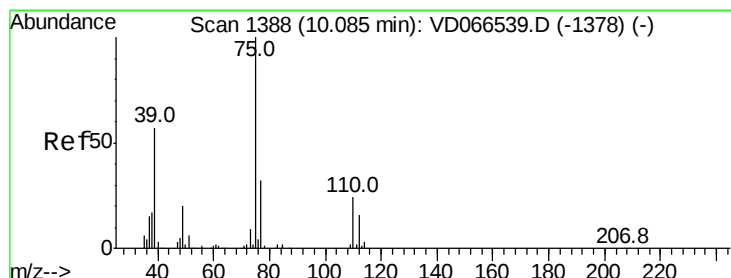
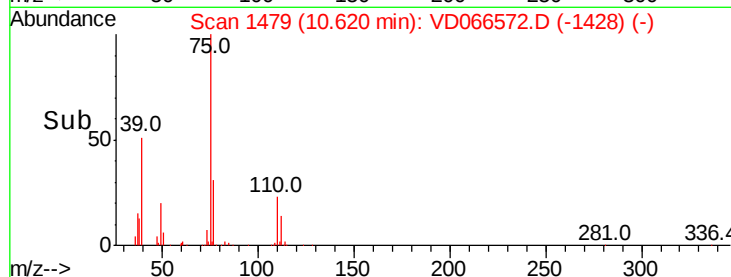
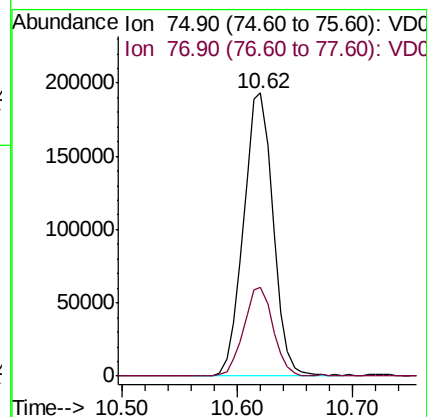
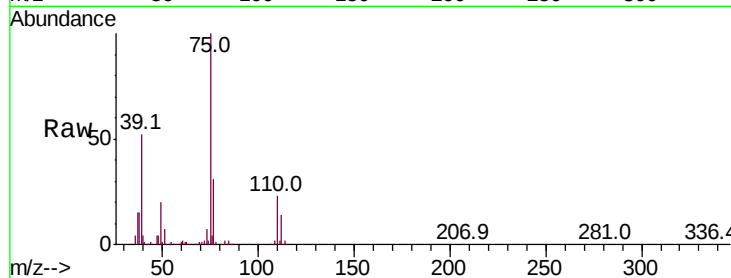
VSTDCCC050EC

Tot Ion: 75 Resp: 344610

Ion Ratio Lower Upper

75 100

77 31.4 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 46.283 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

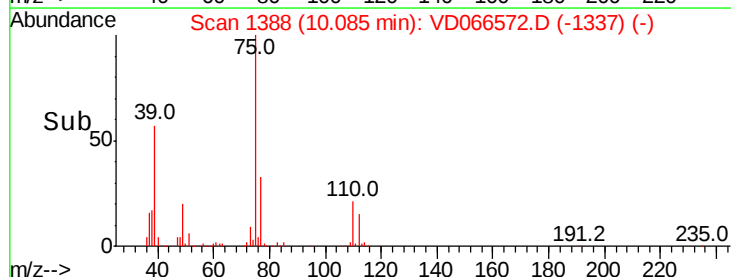
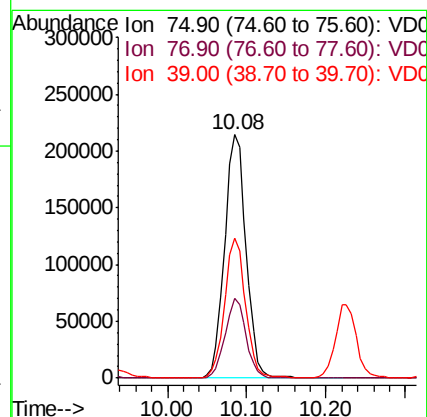
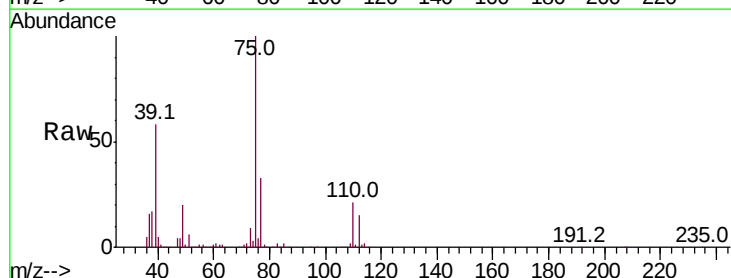
Tgt Ion: 75 Resp: 402295

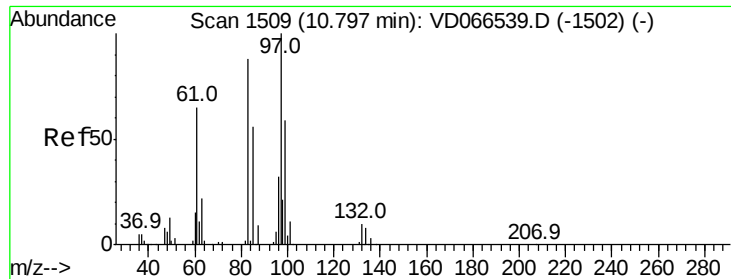
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

39 57.3 45.4 68.0

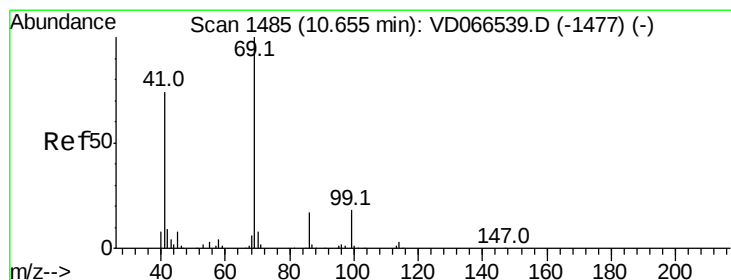
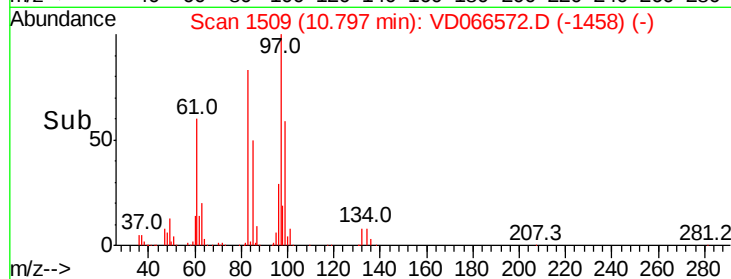
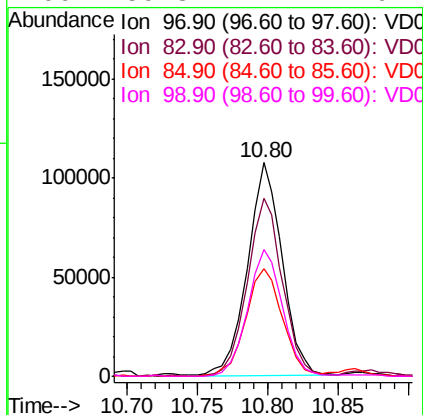
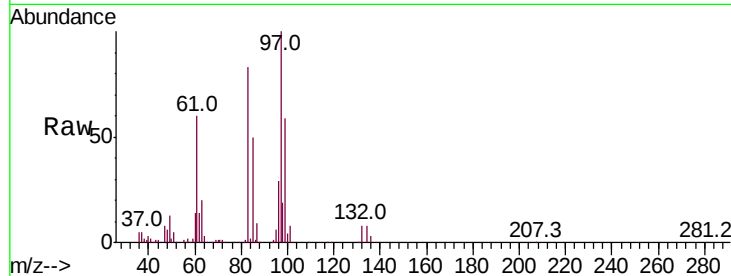




#55
 1,1,2-Trichloroethane
 Concen: 47.541 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

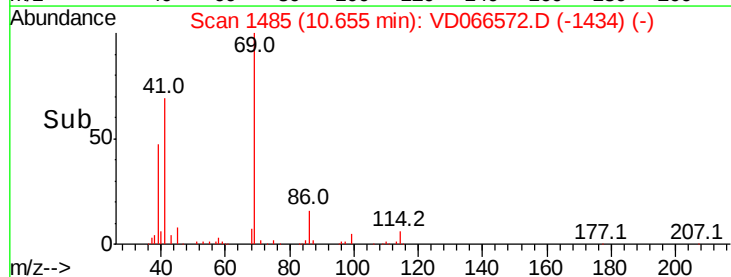
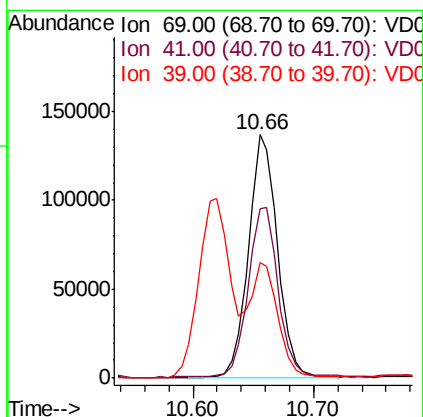
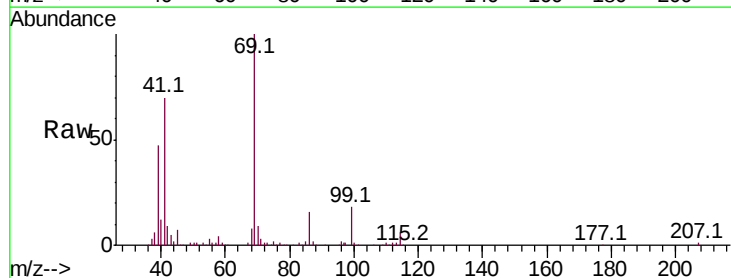
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

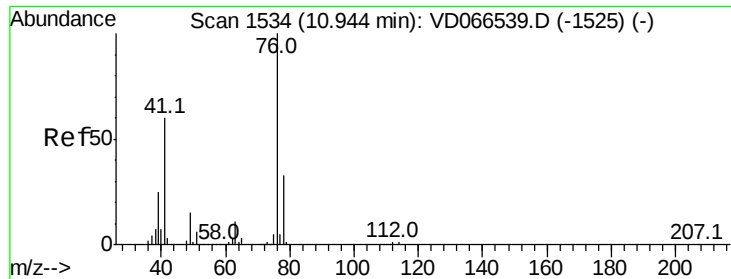
Tot Ion:	97	Resp:	185244
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.1	105.1
85	50.3	44.5	66.7
99	59.3	47.1	70.7



#56
 Ethyl methacrylate
 Concen: 50.414 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Tgt Ion:	69	Resp:	228724
Ion	Ratio	Lower	Upper
69	100		
41	73.7	56.8	85.2
39	42.0	30.6	46.0





#57

1,3-Dichloropropane

Concen: 45.666 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

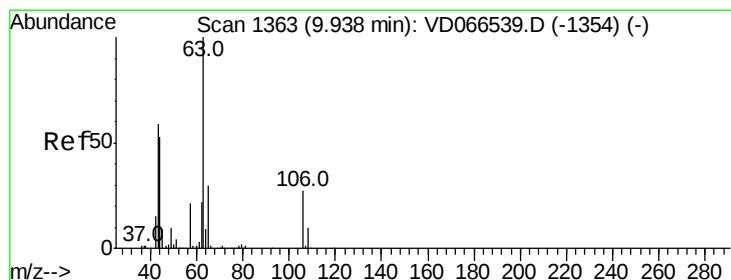
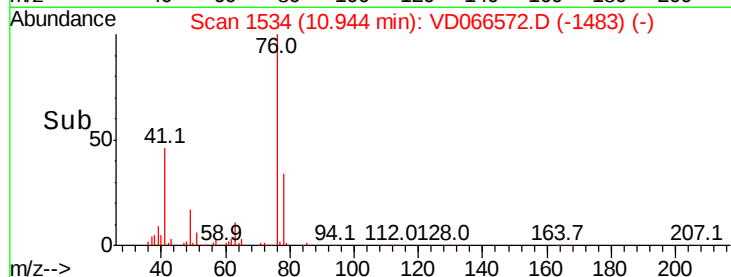
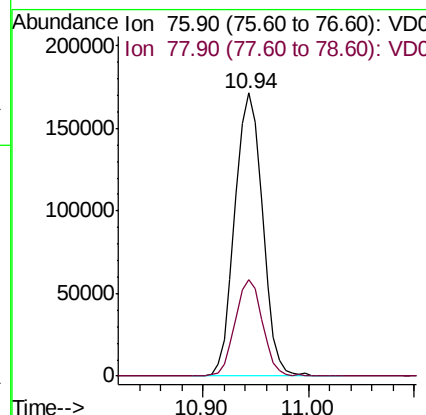
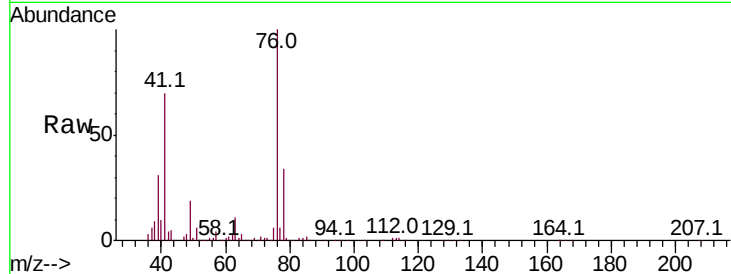
Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 311675

Ion	Ratio	Lower	Upper
76	100		
78	33.5	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 222.821 ug/l

RT: 9.94 min Scan# 1363

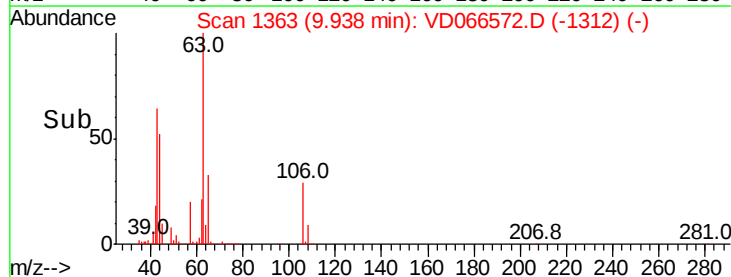
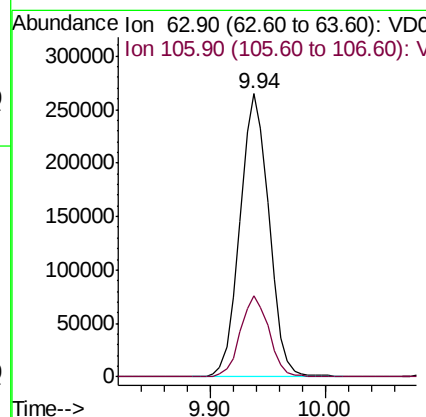
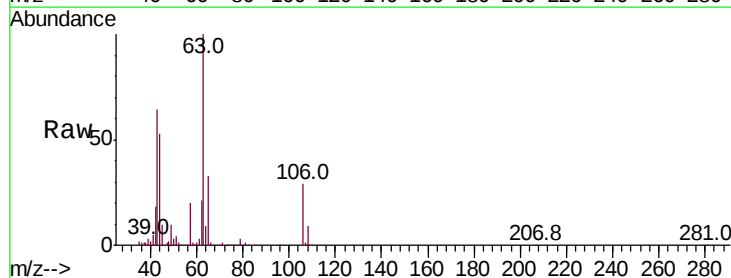
Delta R.T. -0.00 min

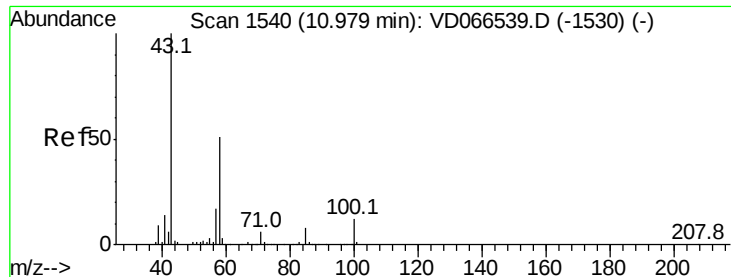
Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Tgt Ion: 63 Resp: 462387

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.0	33.0

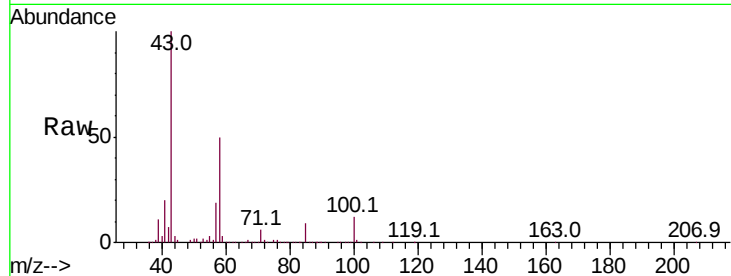




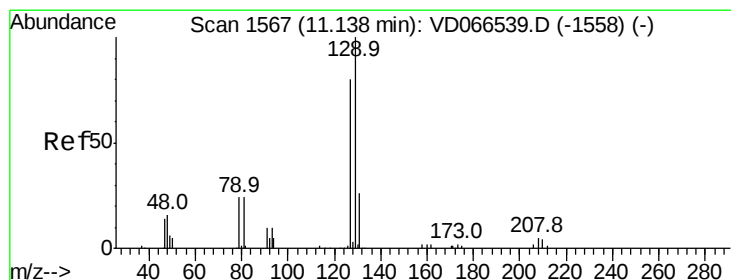
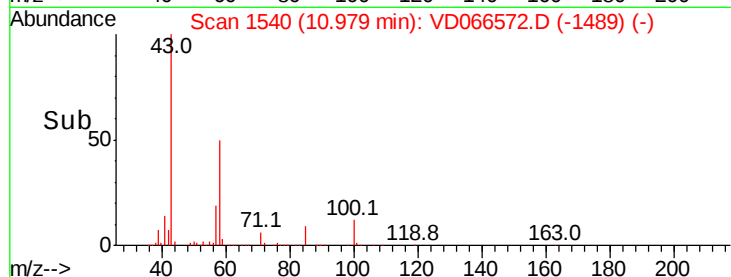
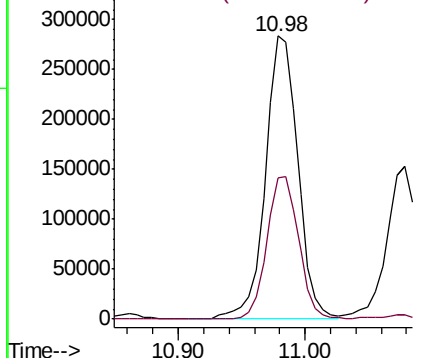
#59
2-Hexanone
Concen: 243.721 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 503052
Ion Ratio Lower Upper
43 100
58 49.6 25.6 76.8

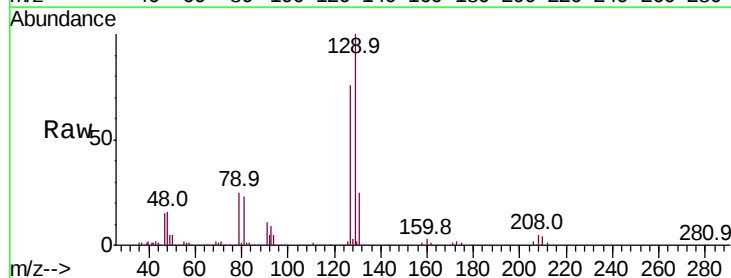


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

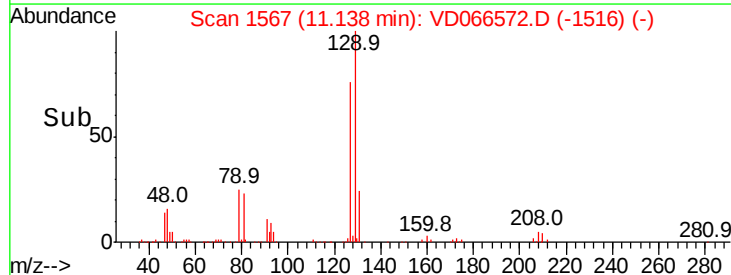
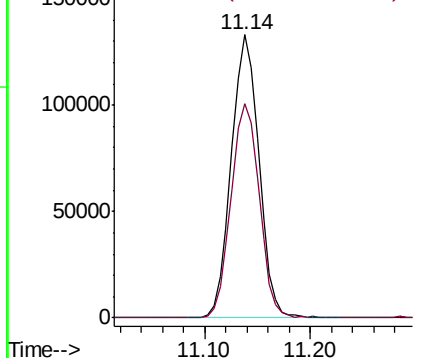


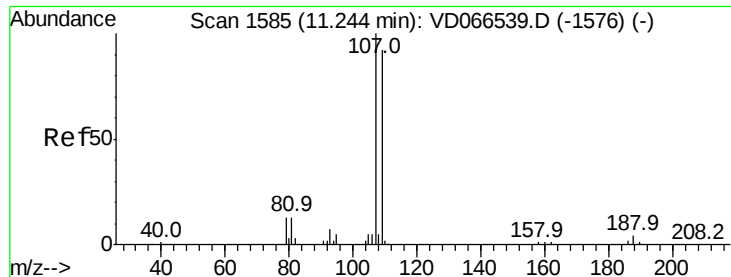
#60
Dibromochloromethane
Concen: 46.561 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 129 Resp: 239911
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

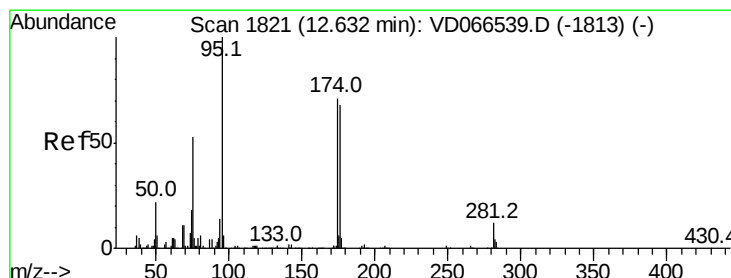
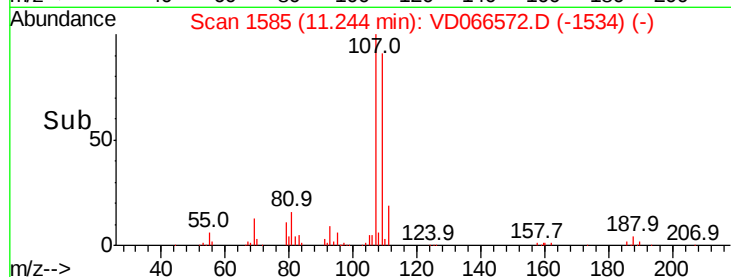
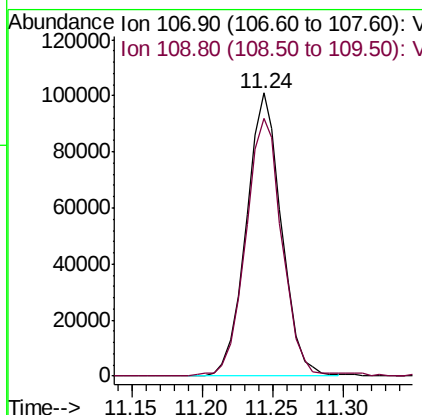
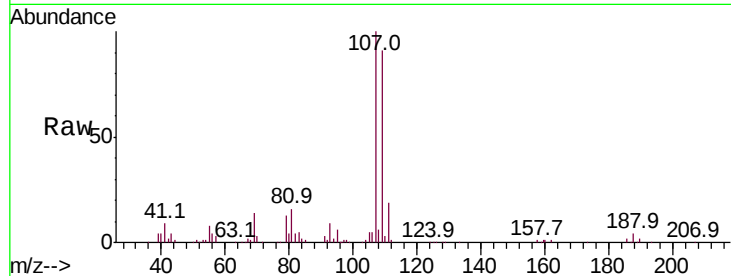




#61
 1,2-Dibromoethane
 Concen: 46.336 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

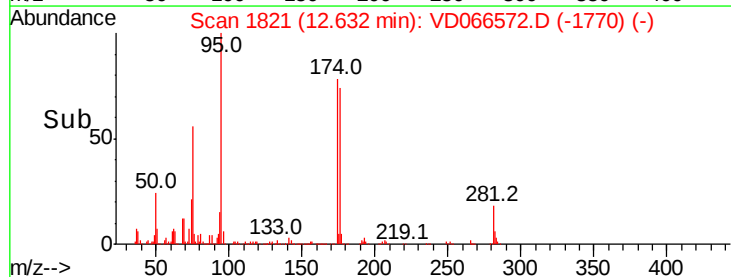
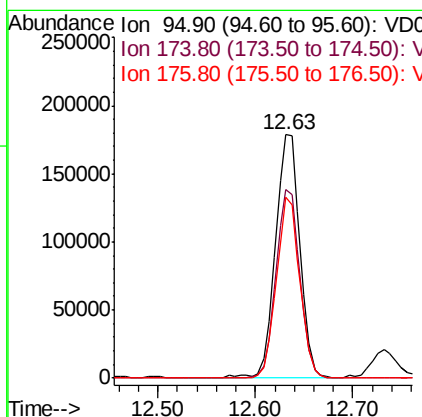
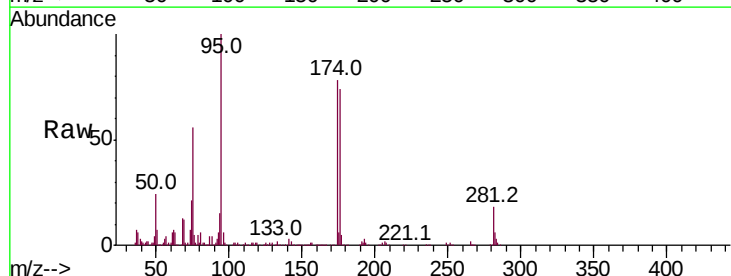
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

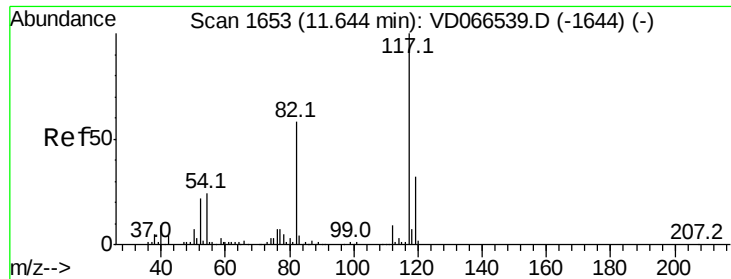
Tot Ion:107 Resp: 175654
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 50.194 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Tgt Ion: 95 Resp: 307537
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 155.8
 176 71.4 0.0 148.6

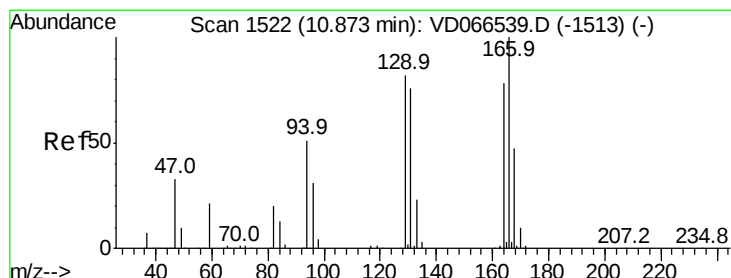
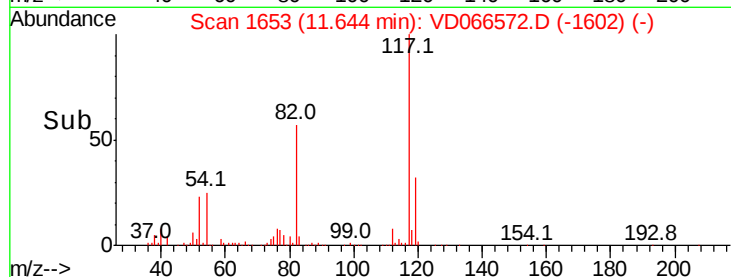
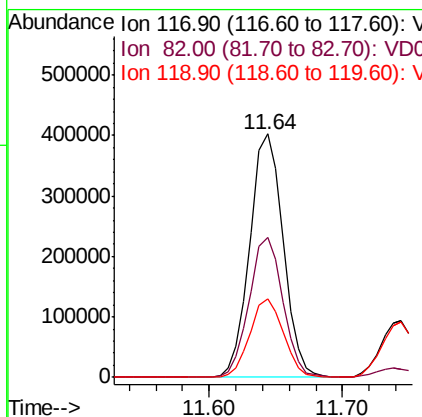
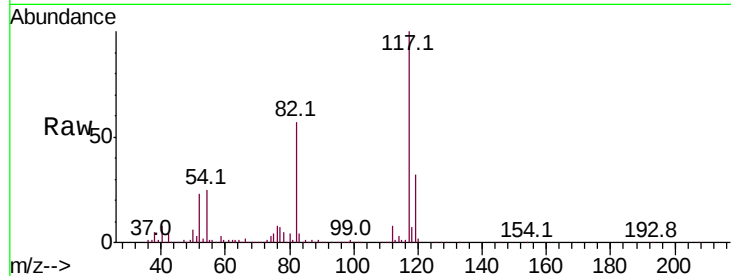




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

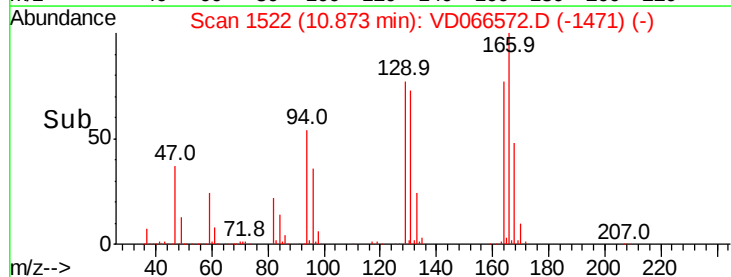
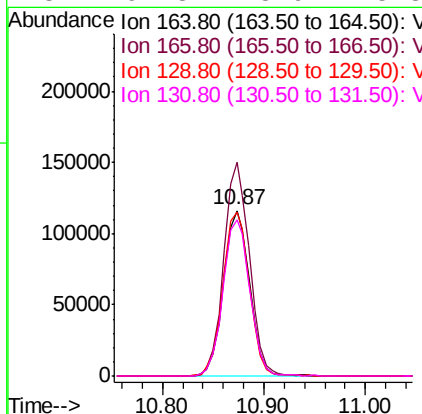
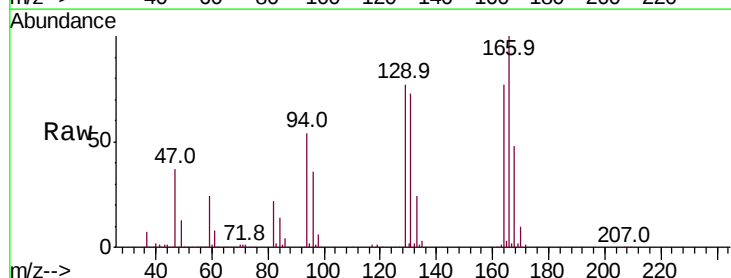
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

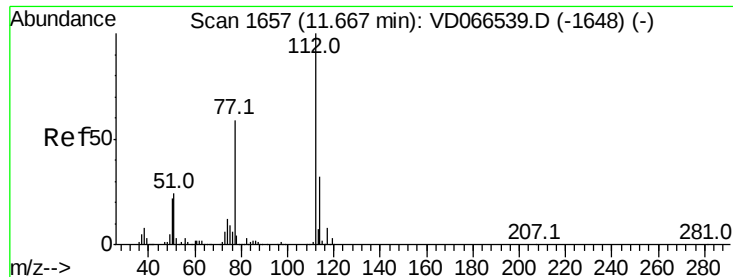
Tot Ion:117 Resp: 696435
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 44.320 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion:164 Resp: 207824
Ion Ratio Lower Upper
164 100
166 129.1 103.2 154.8
129 99.4 84.5 126.7
131 94.8 78.9 118.3





#65

Chlorobenzene

Concen: 45.958 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

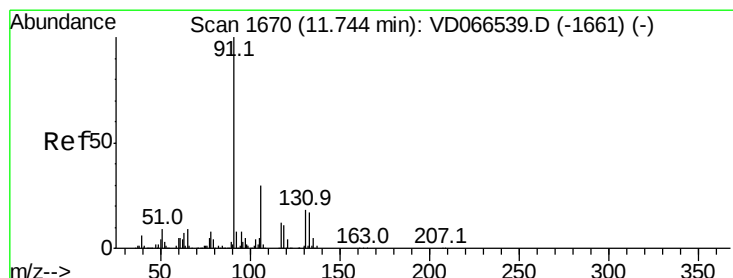
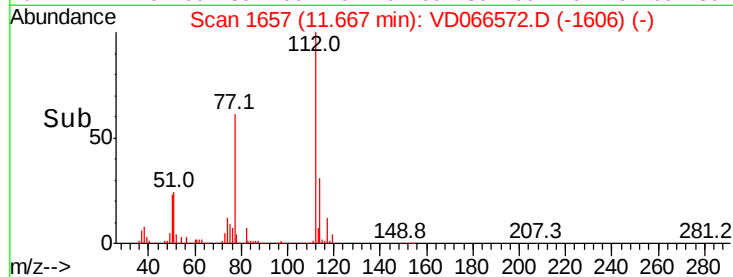
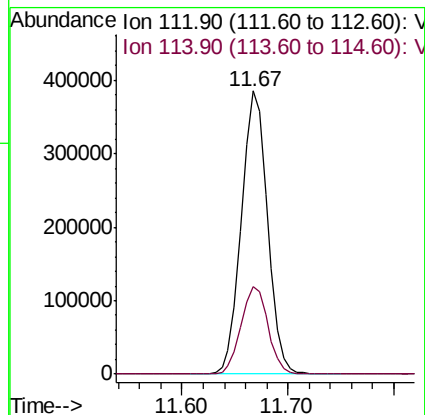
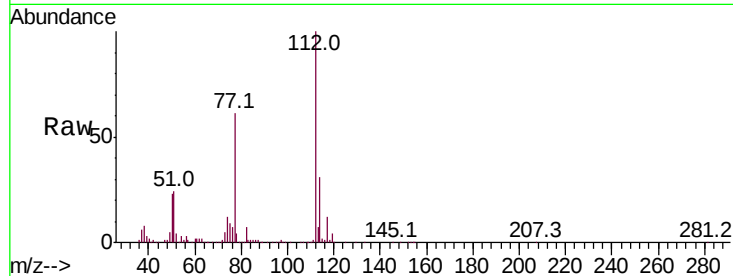
VSTDCCC050EC

Tot Ion:112 Resp: 660602

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 45.818 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

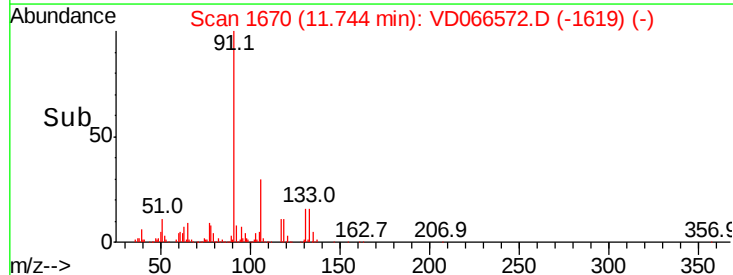
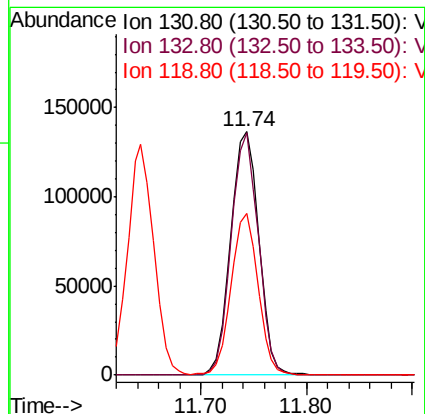
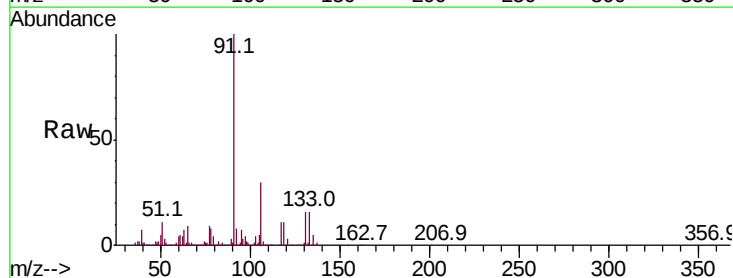
Tgt Ion:131 Resp: 251352

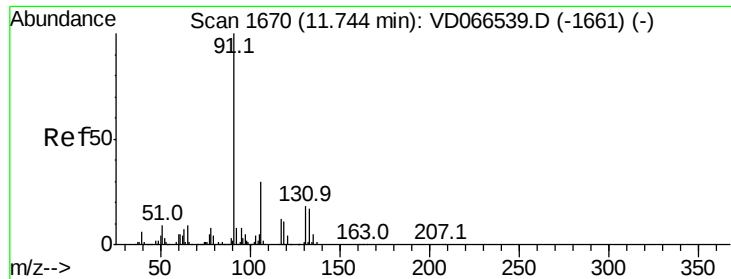
Ion Ratio Lower Upper

131 100

133 95.7 46.7 140.0

119 63.5 31.9 95.7





#67

Ethyl Benzene

Concen: 52.896 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

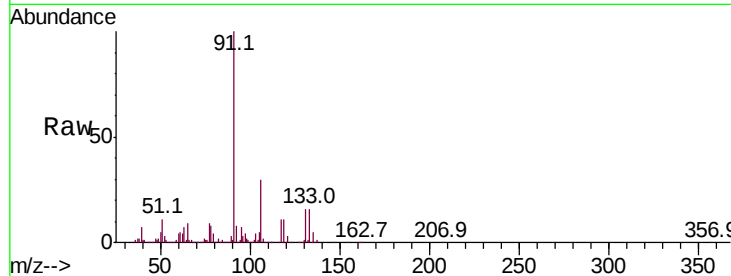
VSTDCCC050EC

Tot Ion: 91 Resp: 1396101

Ion Ratio Lower Upper

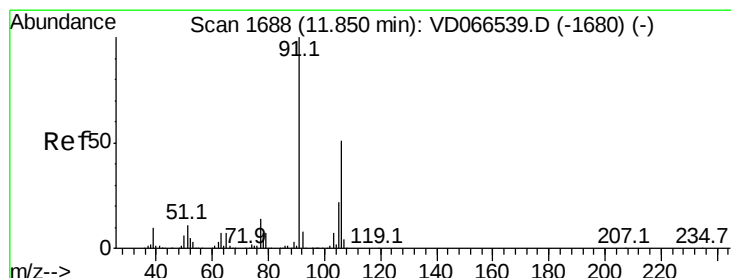
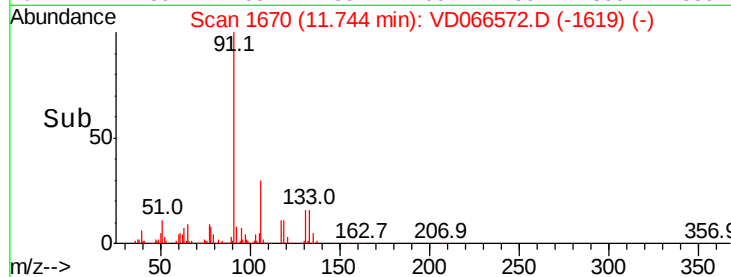
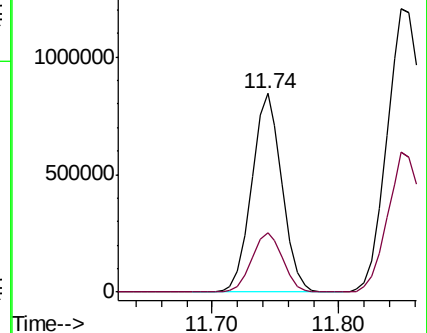
91 100

106 29.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 115.427 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066572.D

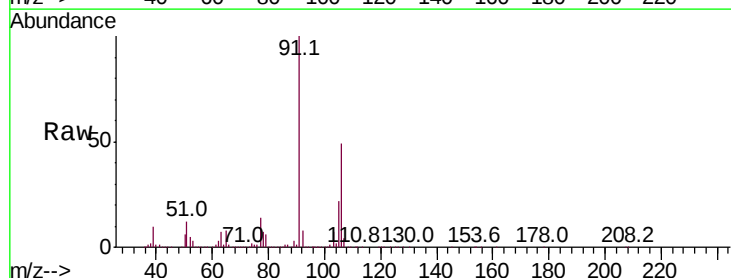
Acq: 04 Sep 2020 19:24

Tgt Ion:106 Resp: 1131174

Ion Ratio Lower Upper

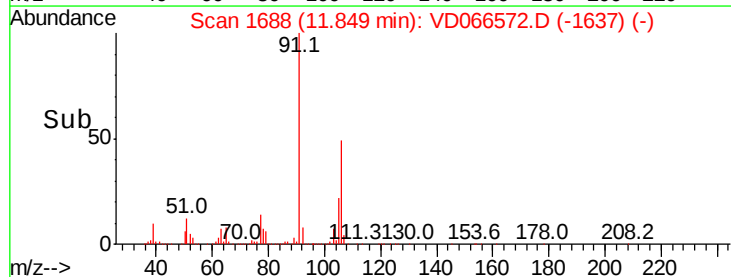
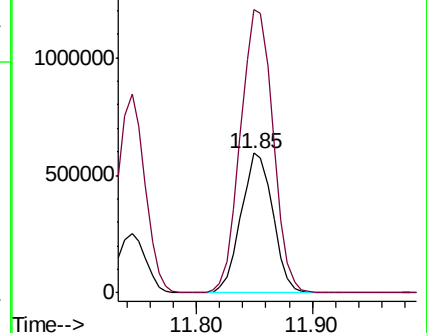
106 100

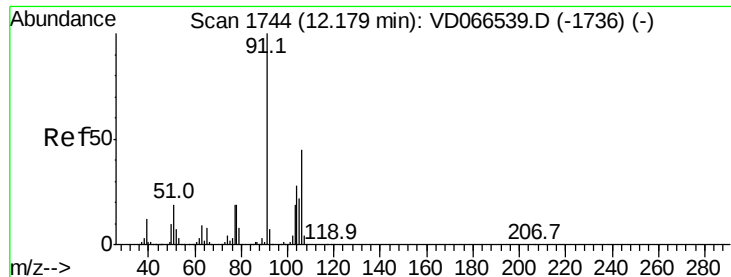
91 208.5 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

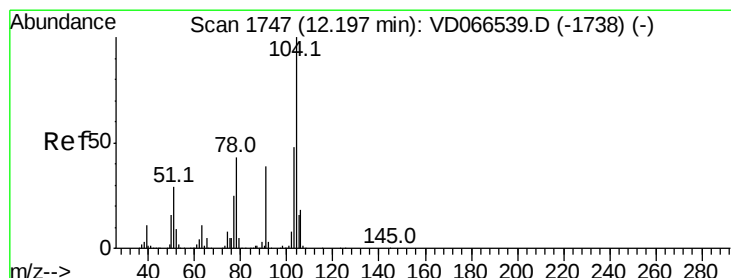
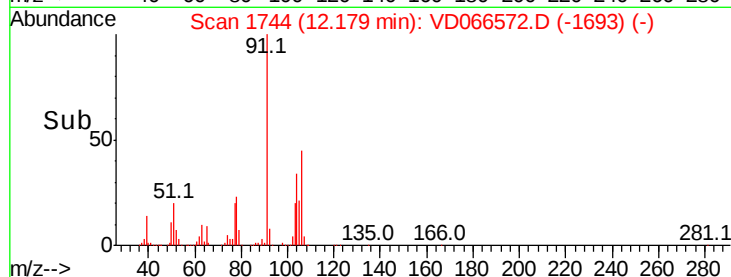
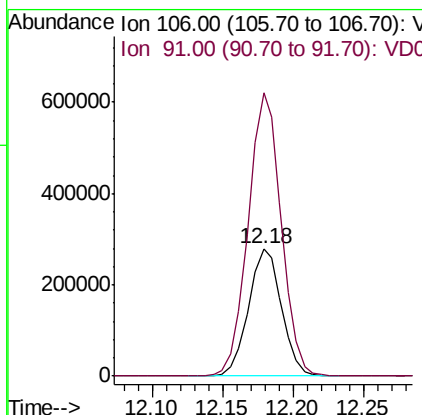
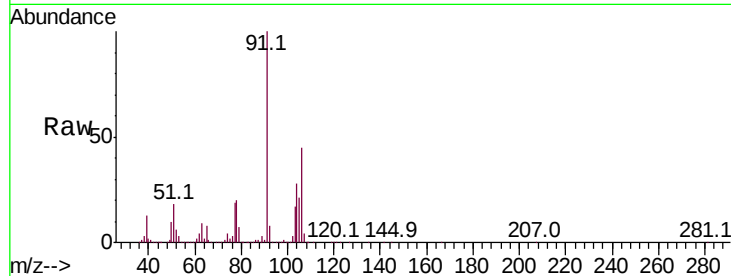




#69
o-Xylene
Concen: 52.228 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

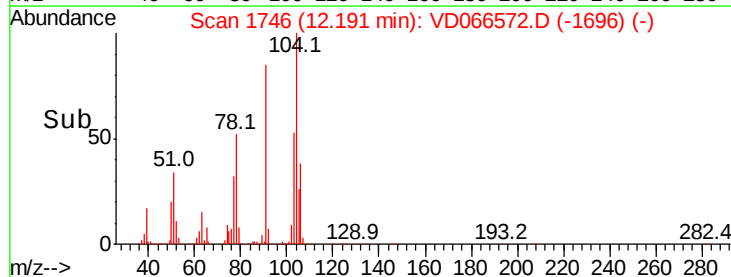
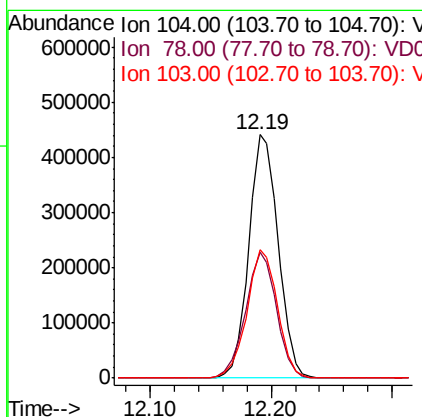
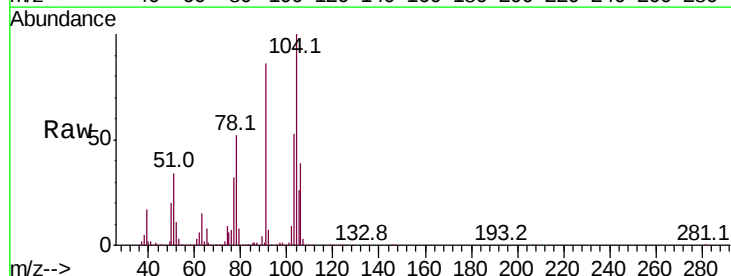
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

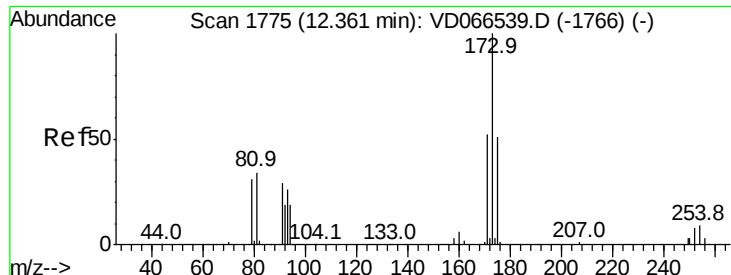
Tot Ion:106 Resp: 458700
Ion Ratio Lower Upper
106 100
91 222.0 107.9 323.8



#70
Styrene
Concen: 49.115 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion:104 Resp: 749919
Ion Ratio Lower Upper
104 100
78 54.5 40.7 61.1
103 54.8 42.9 64.3





#71

Bromoform

Concen: 45.931 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

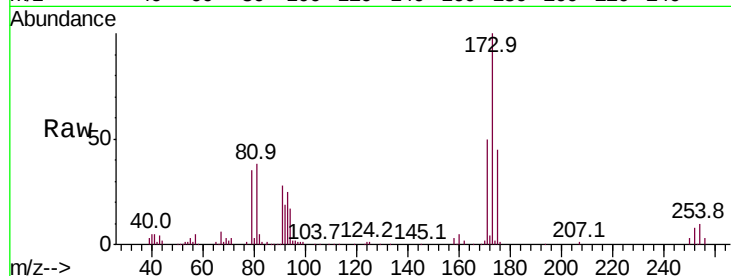
Tot Ion:173 Resp: 126984

Ion Ratio Lower Upper

173 100

175 49.8 24.2 72.6

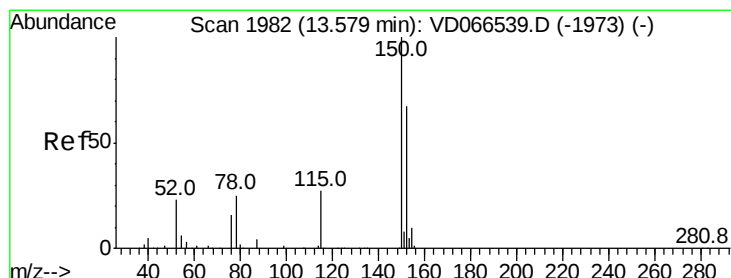
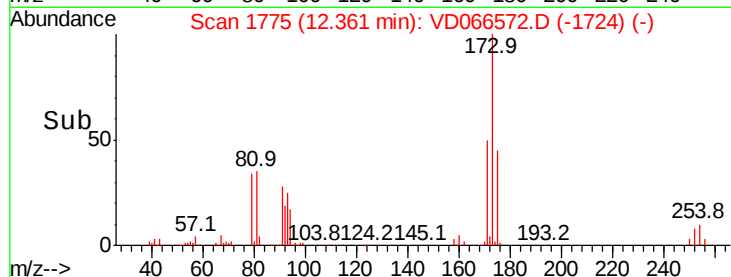
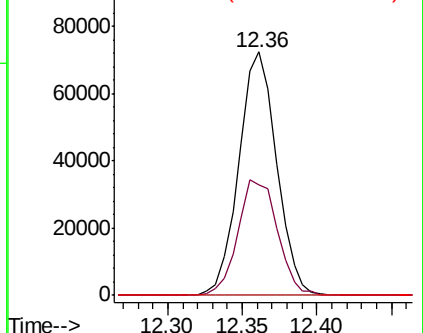
254 0.1 0.0 0.0#



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: VD066572.D

Acq: 04 Sep 2020 19:24

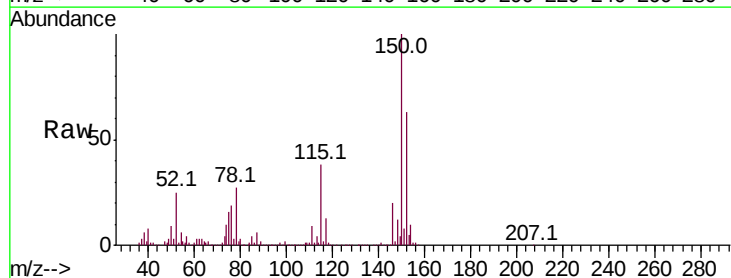
Tgt Ion:152 Resp: 333653

Ion Ratio Lower Upper

152 100

115 60.0 30.4 91.2

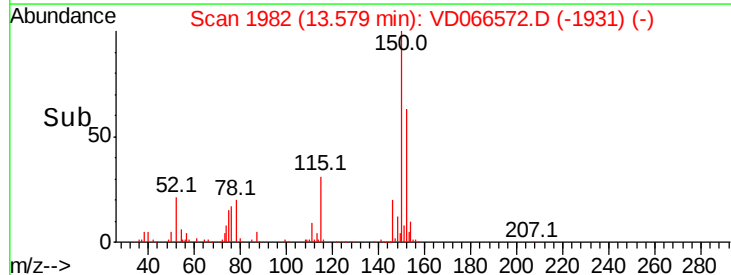
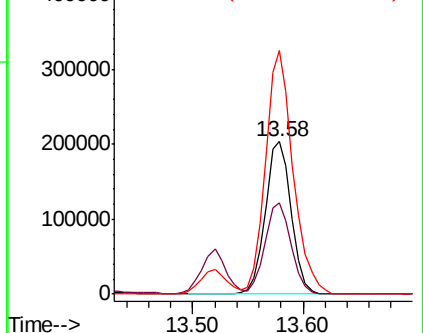
150 169.4 0.0 345.8

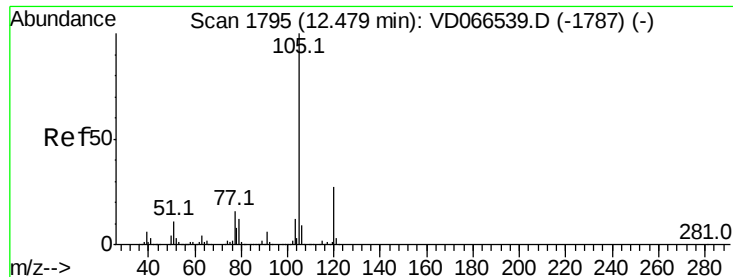


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.553 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

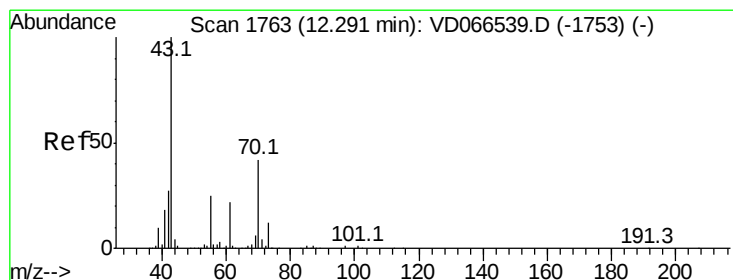
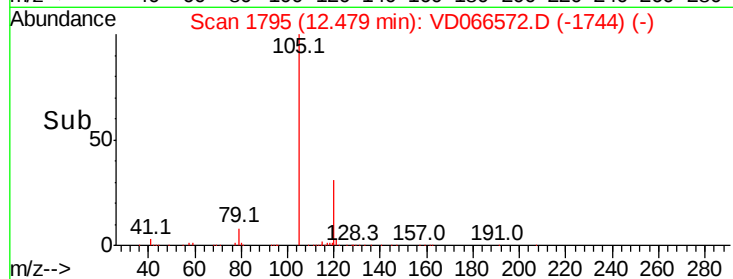
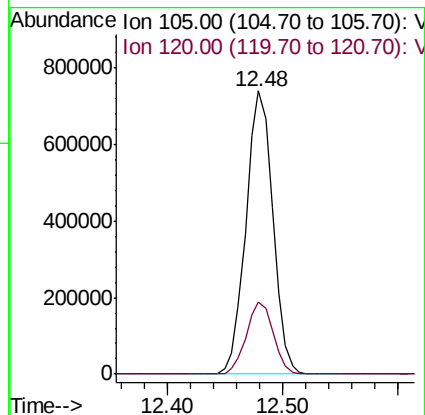
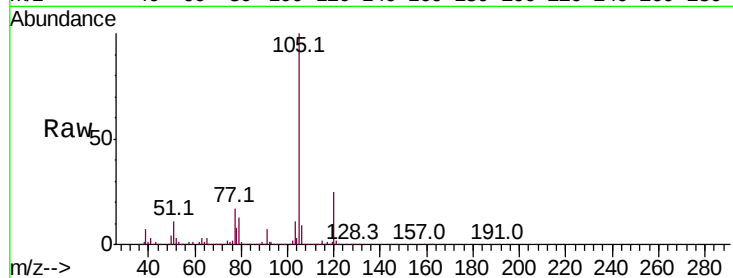
VSTDCCC050EC

Tot Ion:105 Resp: 1199425

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



#74

N-ethyl acetate

Concen: 48.582 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Tgt Ion: 43 Resp: 271818

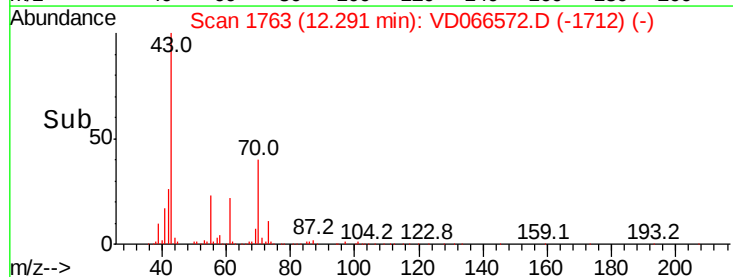
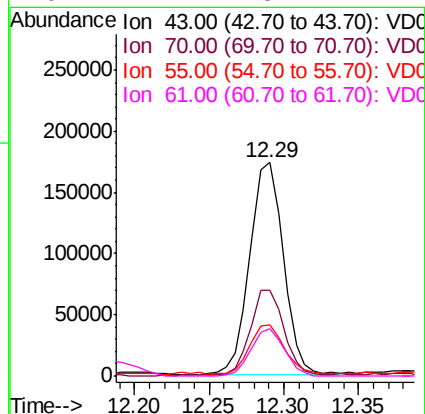
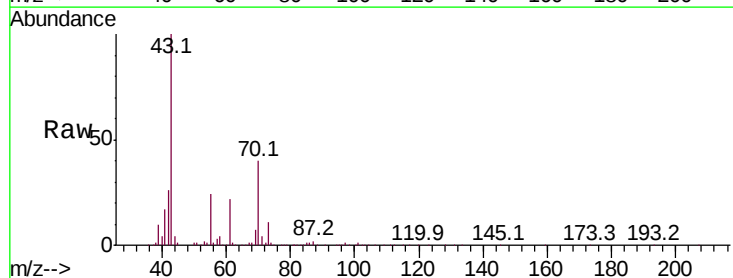
Ion Ratio Lower Upper

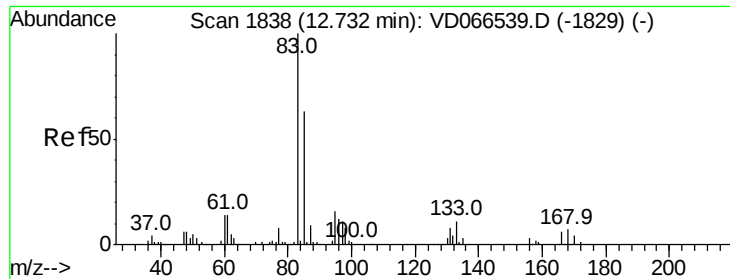
43 100

70 40.4 33.4 50.2

55 24.5 20.1 30.1

61 22.2 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.676 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

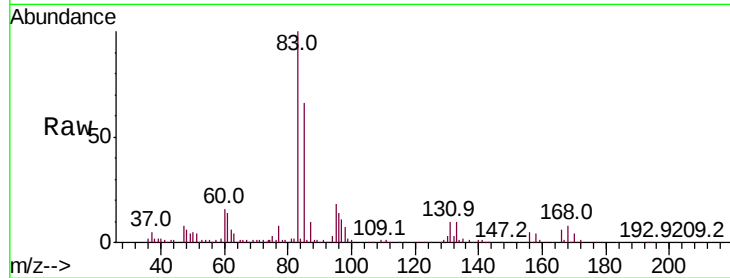
Tot Ion: 83 Resp: 194978

Ion Ratio Lower Upper

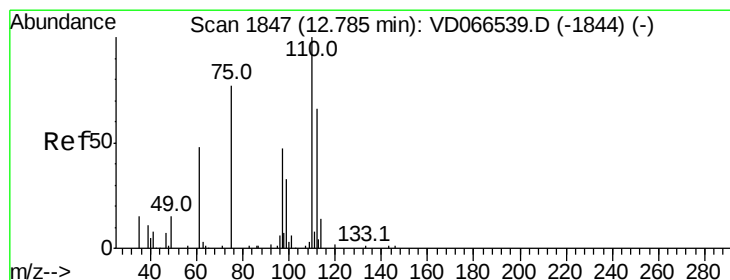
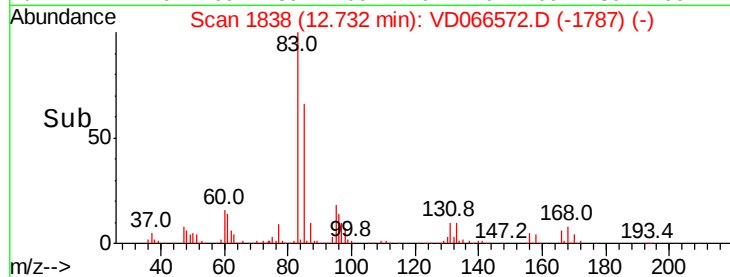
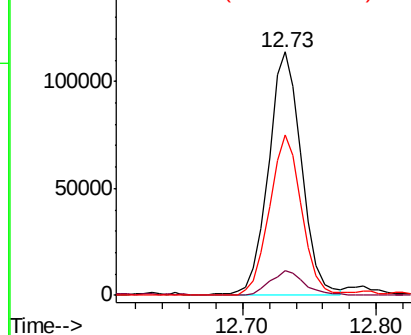
83 100

131 10.8 5.0 15.0

85 64.3 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: 81.751 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066572.D

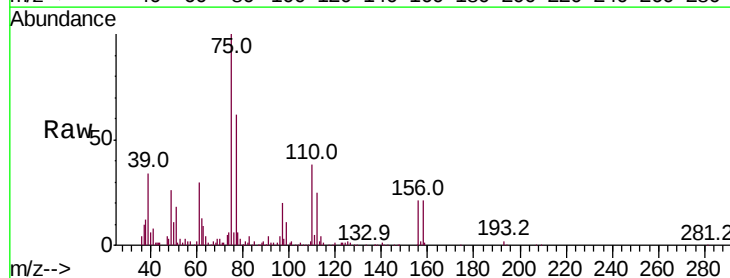
Acq: 04 Sep 2020 19:24

Tgt Ion: 75 Resp: 262328

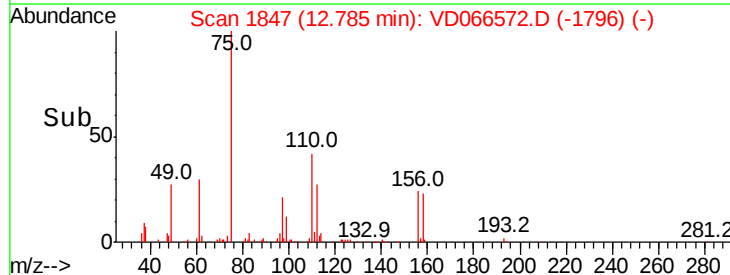
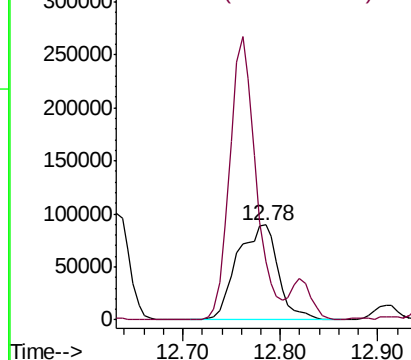
Ion Ratio Lower Upper

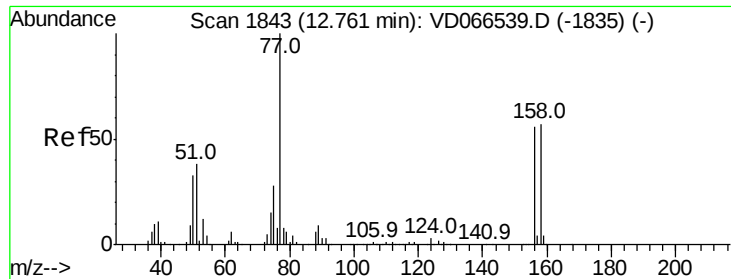
75 100

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: 46.708 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

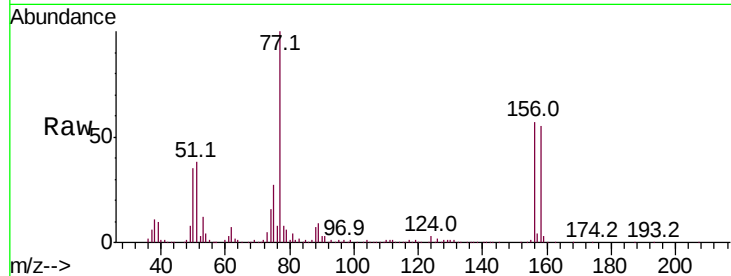
Tot Ion:156 Resp: 257242

Ion Ratio Lower Upper

156 100

77 194.6 98.0 294.1

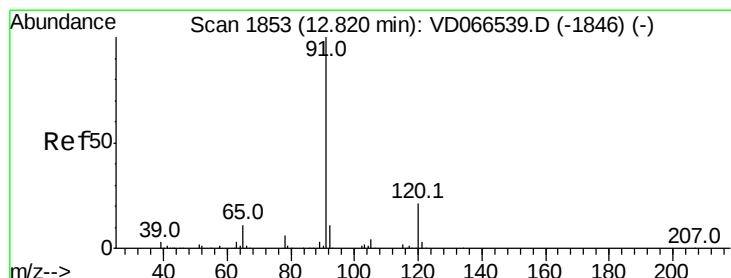
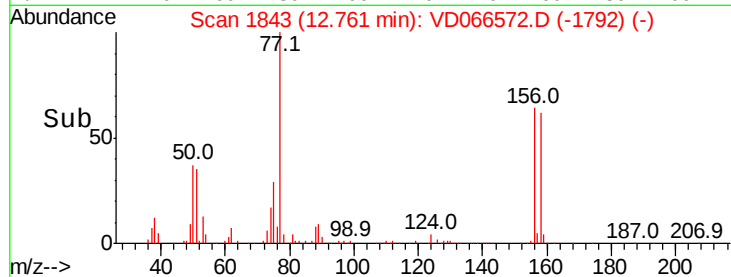
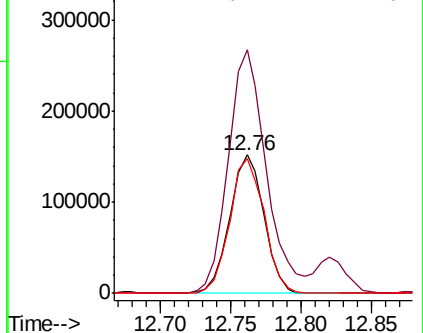
158 97.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.069 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066572.D

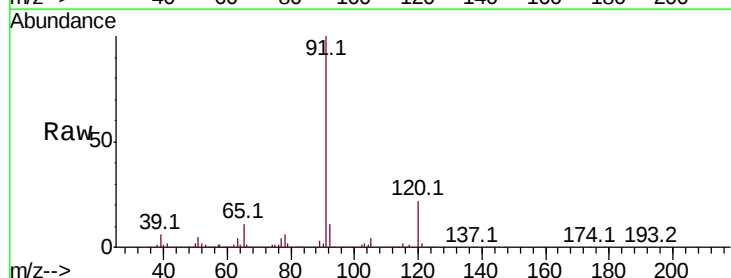
Acq: 04 Sep 2020 19:24

Tgt Ion: 91 Resp: 1439502

Ion Ratio Lower Upper

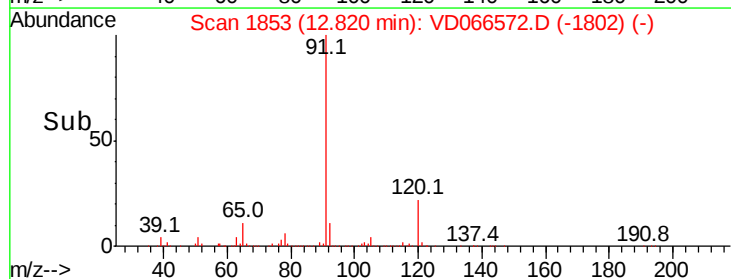
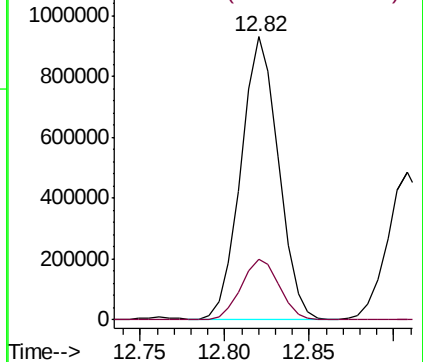
91 100

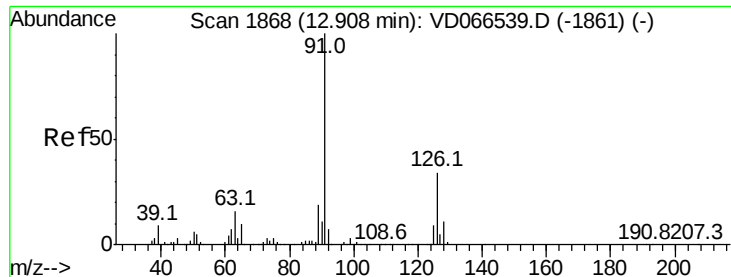
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

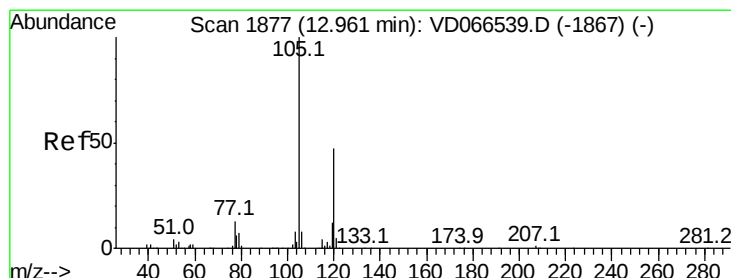
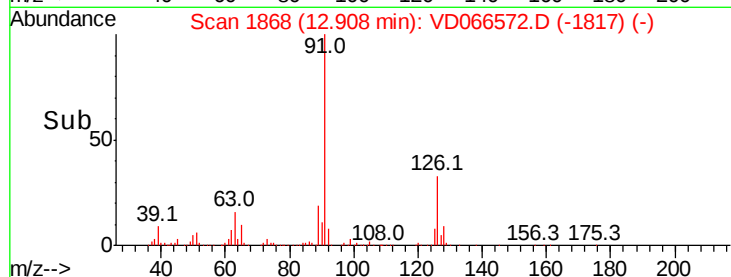
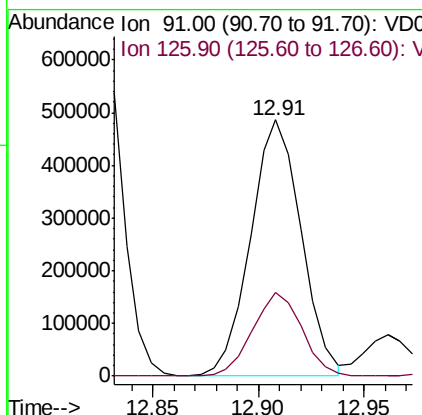
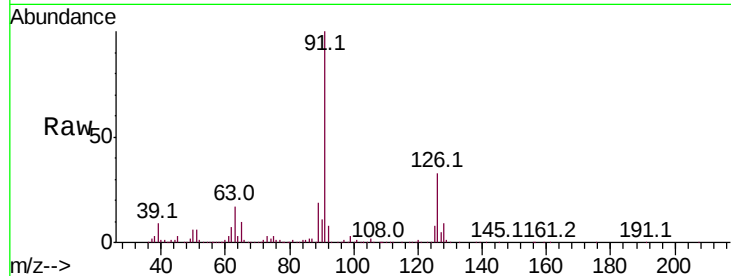




#79
 2-Chlorotoluene
 Concen: 48.034 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

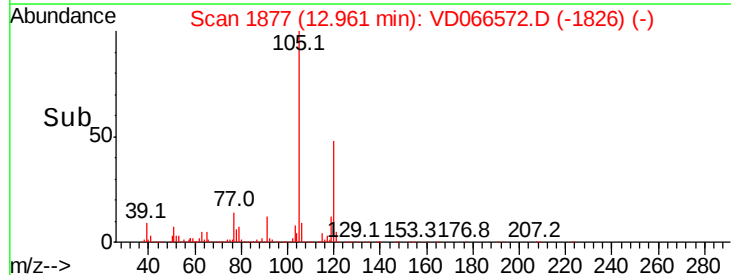
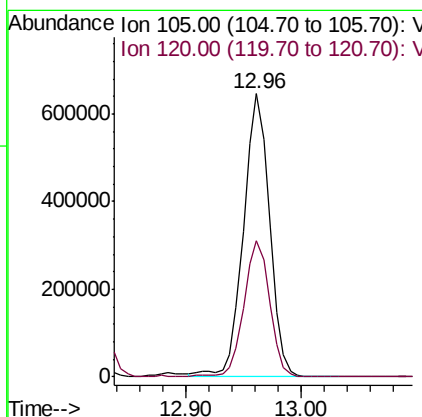
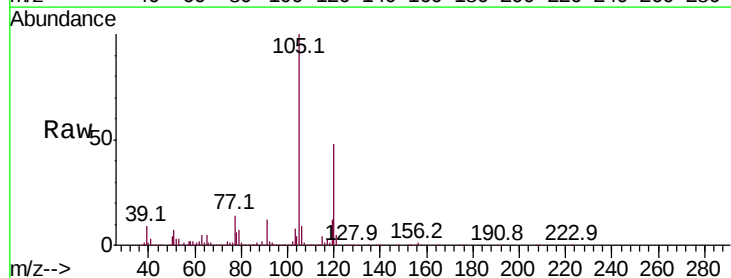
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

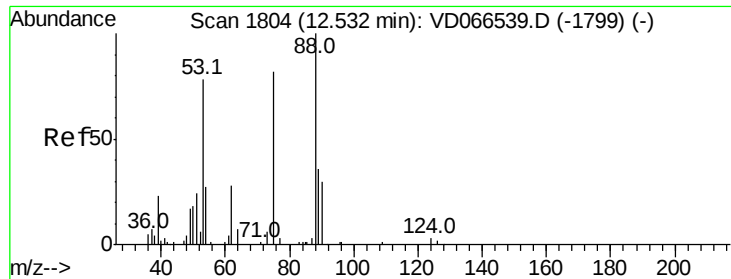
Tot Ion: 91 Resp: 806968
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.748 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Tgt Ion: 105 Resp: 1013560
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.733 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

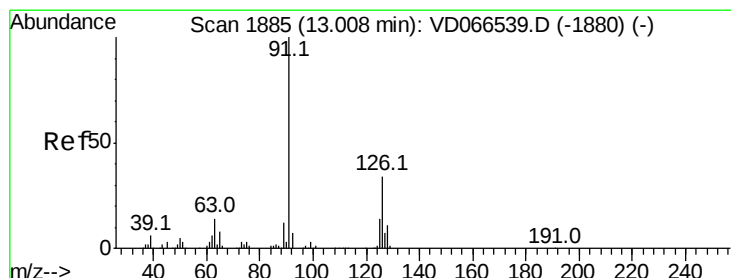
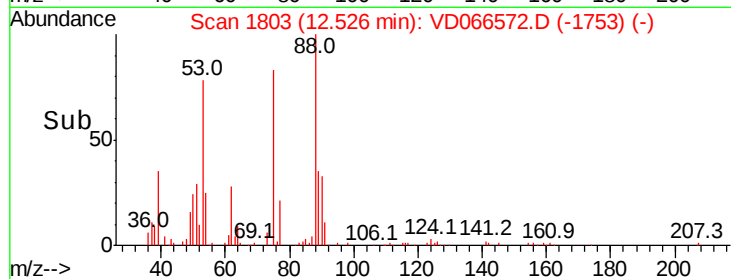
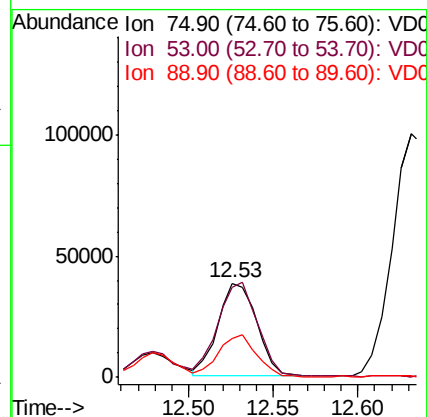
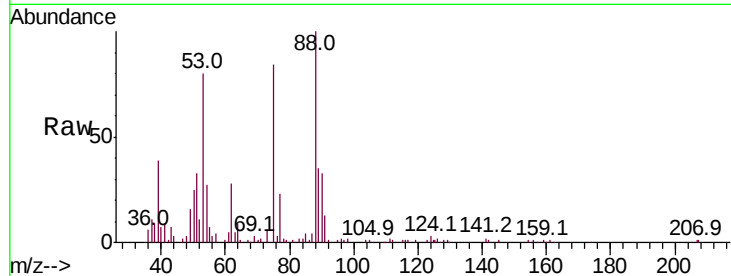
Tot Ion: 75 Resp: 61483

Ion Ratio Lower Upper

75 100

53 106.1 87.0 130.4

89 46.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 46.339 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066572.D

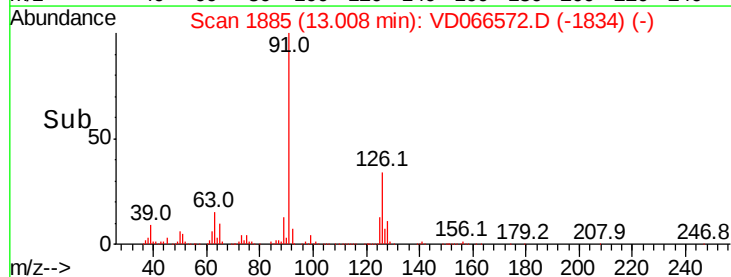
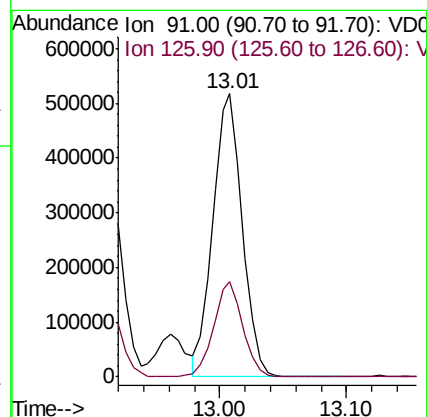
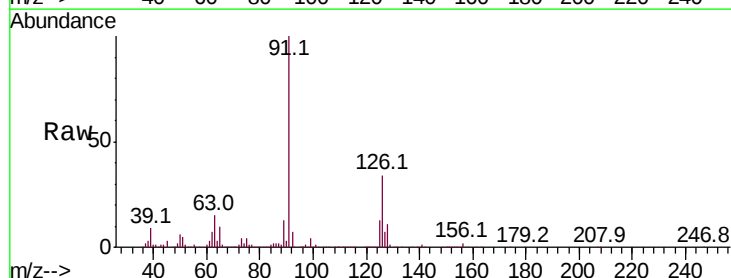
Acq: 04 Sep 2020 19:24

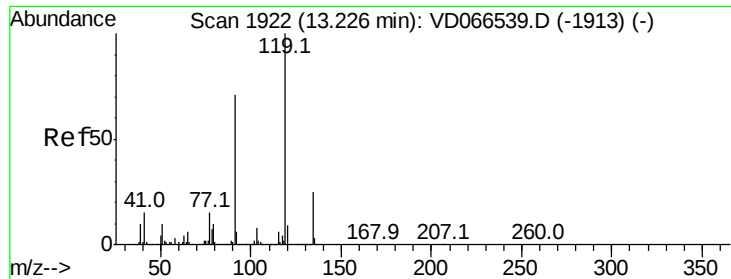
Tgt Ion: 91 Resp: 832499

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.1





#83

tert-Butylbenzene

Concen: 48.901 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

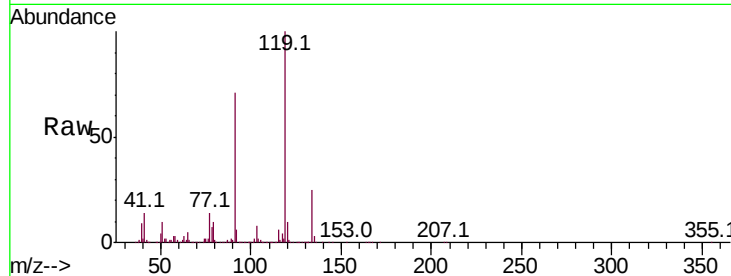
Tot Ion:119 Resp: 830294

Ion Ratio Lower Upper

119 100

91 70.7 35.2 105.6

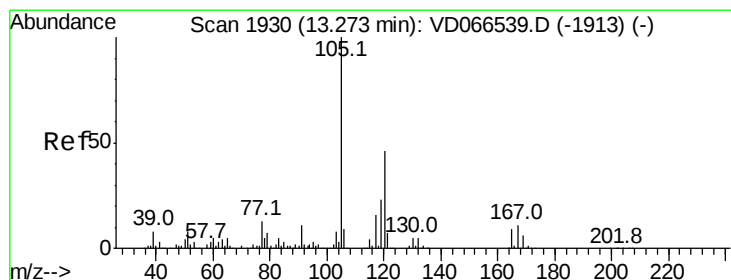
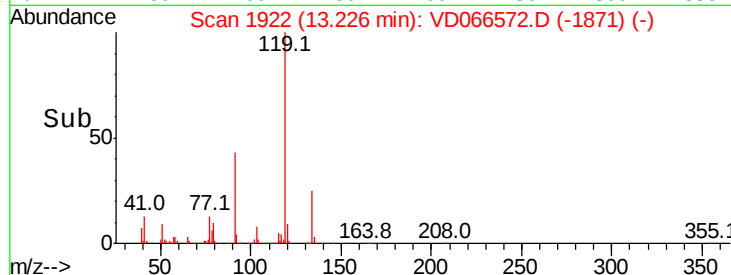
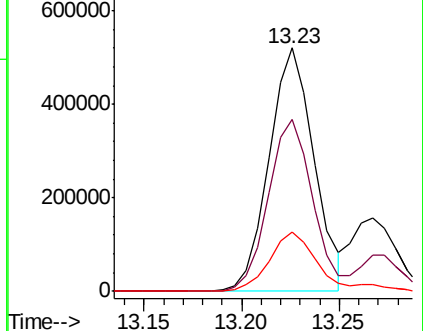
134 26.6 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.250 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066572.D

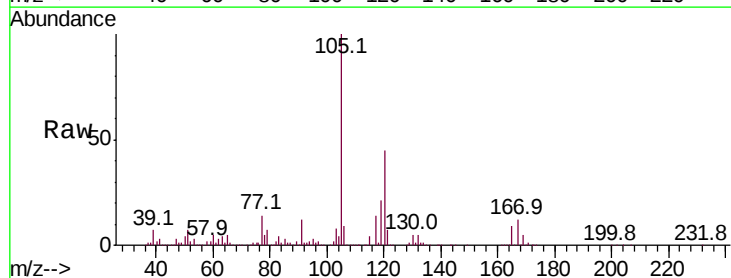
Acq: 04 Sep 2020 19:24

Tgt Ion:105 Resp: 1040213

Ion Ratio Lower Upper

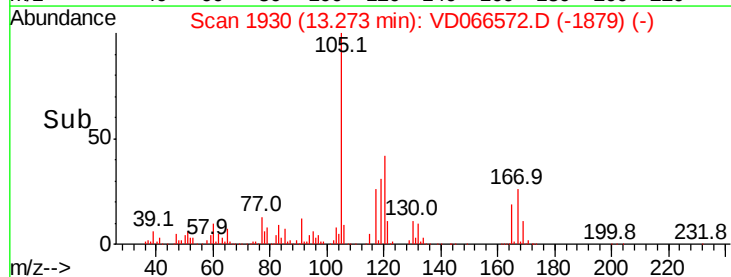
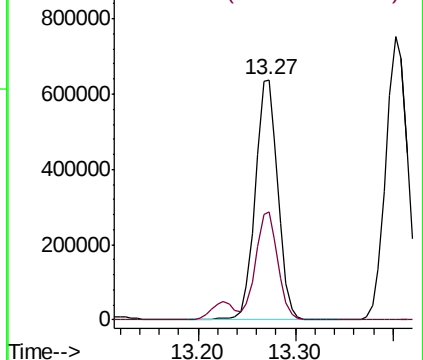
105 100

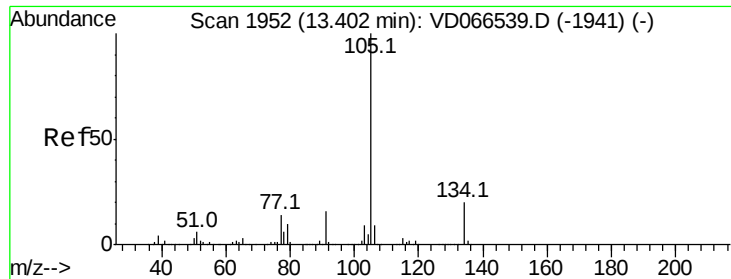
120 44.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.093 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

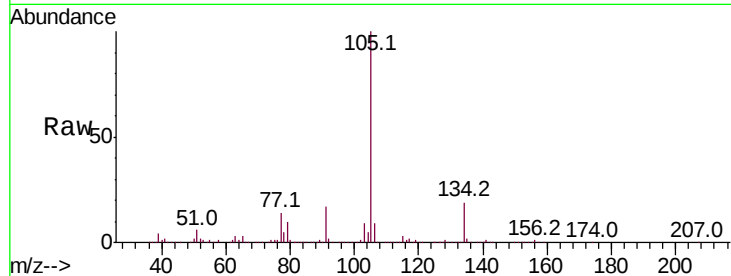
VSTDCCC050EC

Tot Ion:105 Resp: 1176464

Ion Ratio Lower Upper

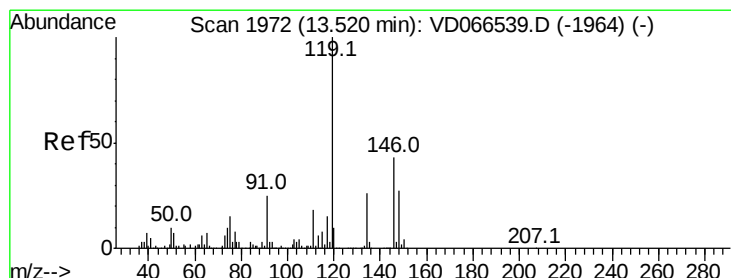
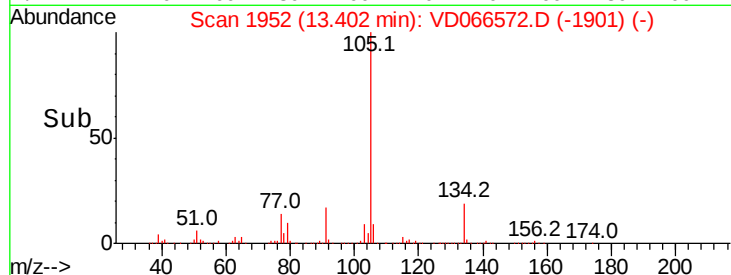
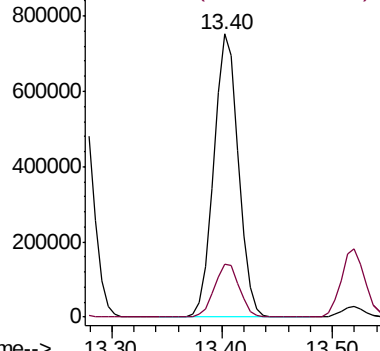
105 100

134 19.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.409 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

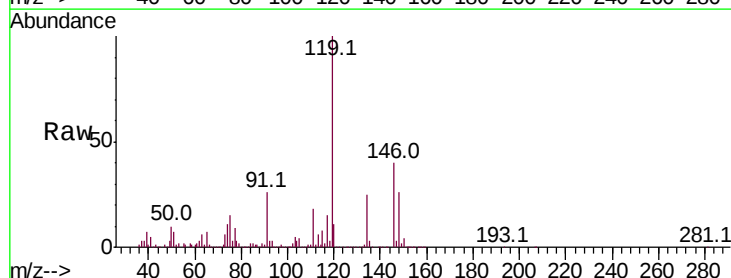
Tgt Ion:119 Resp: 1087872

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

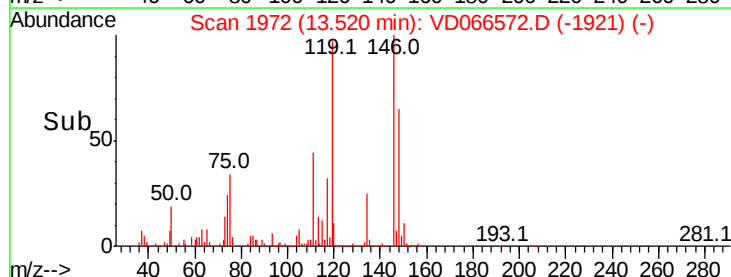
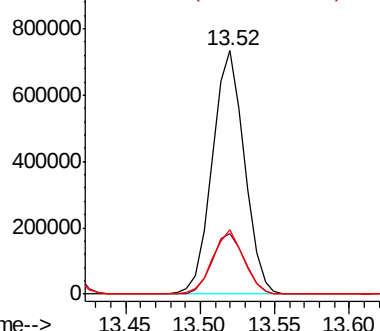
91 25.5 12.5 37.5

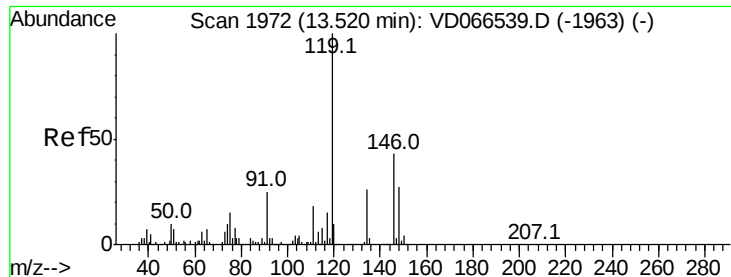


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.093 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

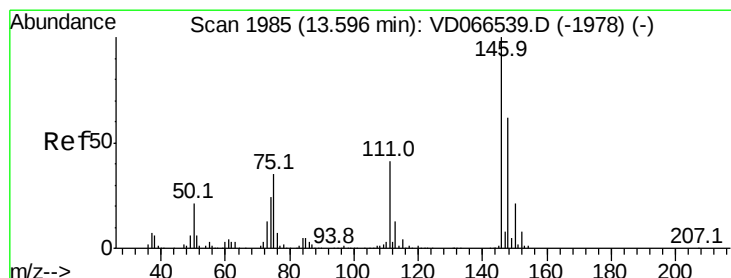
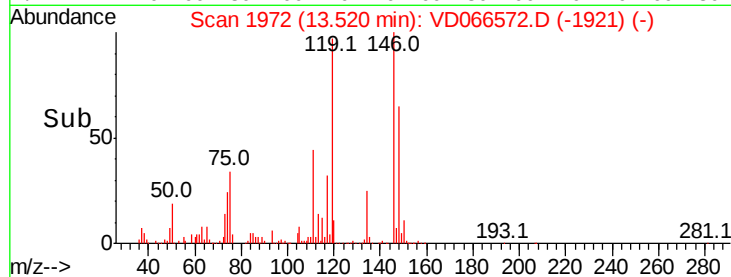
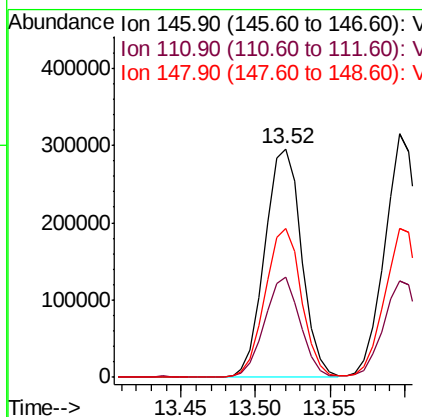
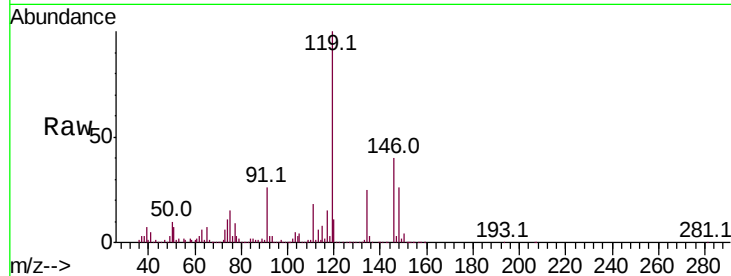
Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 503963

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.6	61.9
148	64.5	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 45.839 ug/l

RT: 13.60 min Scan# 1985

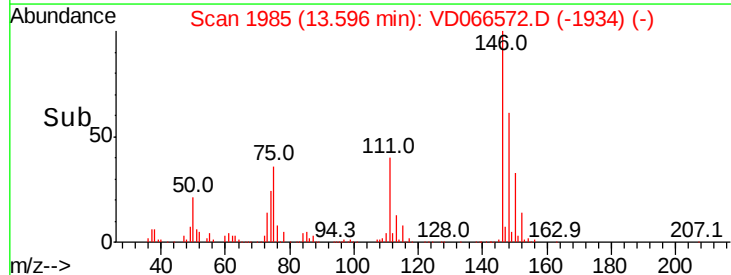
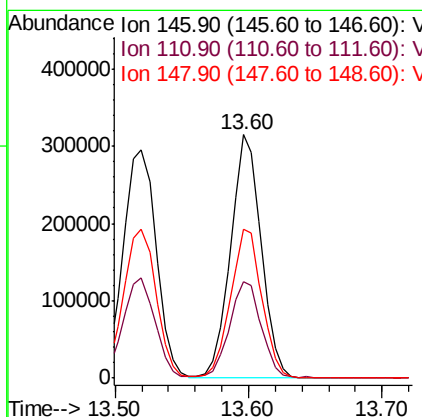
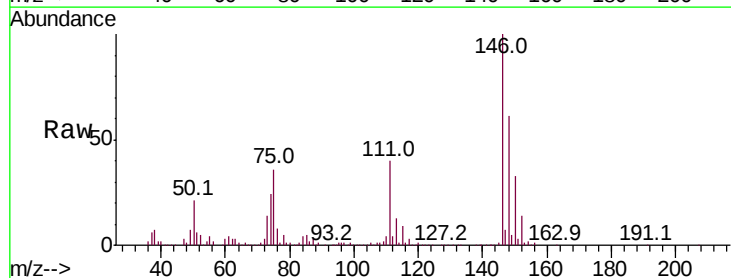
Delta R.T. -0.00 min

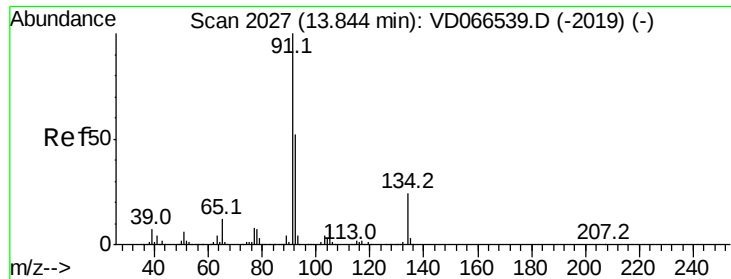
Lab File: VD066572.D

Acq: 04 Sep 2020 19:24

Tgt Ion:146 Resp: 503045

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.2
148	62.7	31.6	94.8

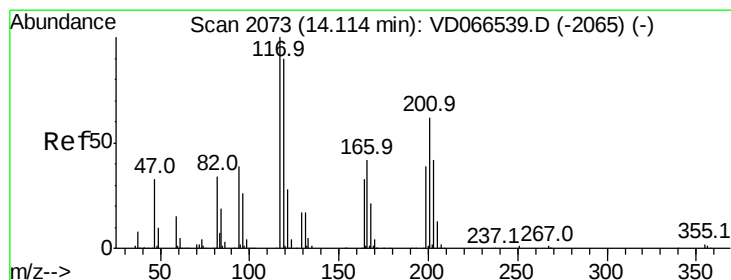
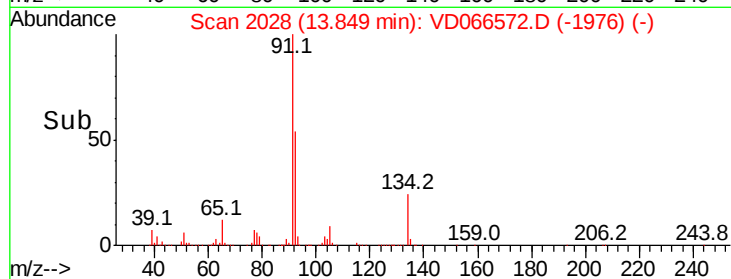
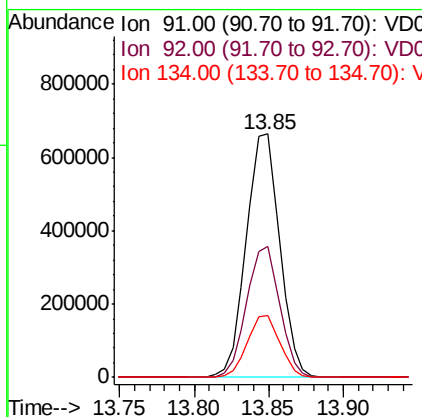
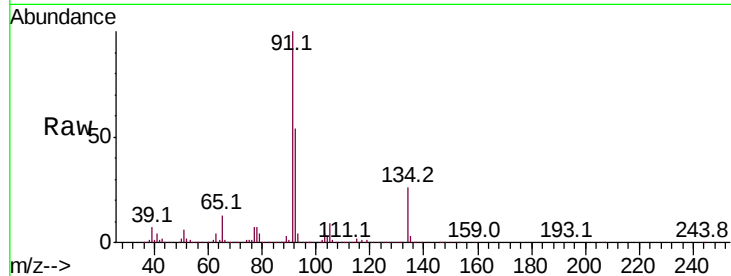




#89
n-Butylbenzene
Concen: 47.812 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

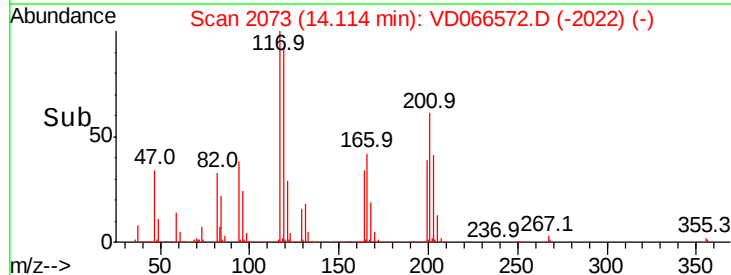
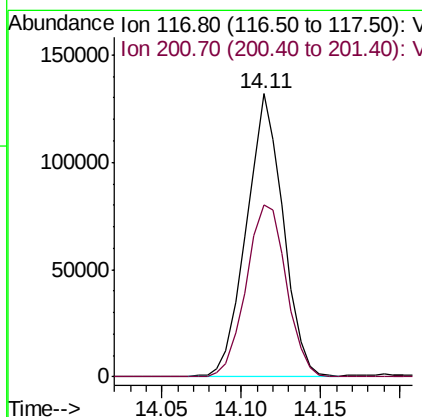
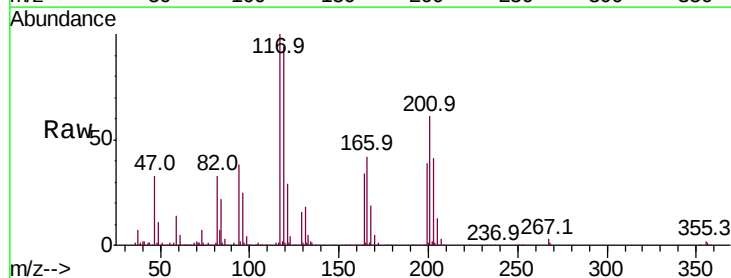
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

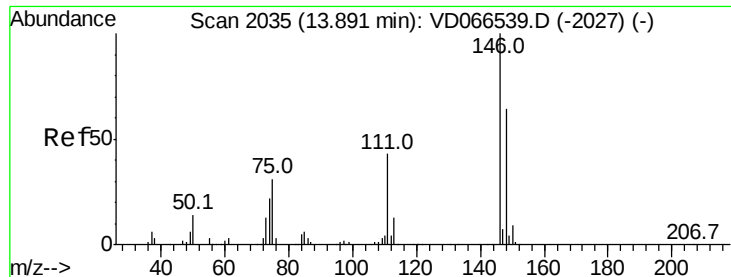
Tot Ion: 91 Resp: 1025831
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 25.1 12.1 36.3



#90
Hexachloroethane
Concen: 44.803 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 117 Resp: 212548
Ion Ratio Lower Upper
117 100
201 66.2 31.9 95.5

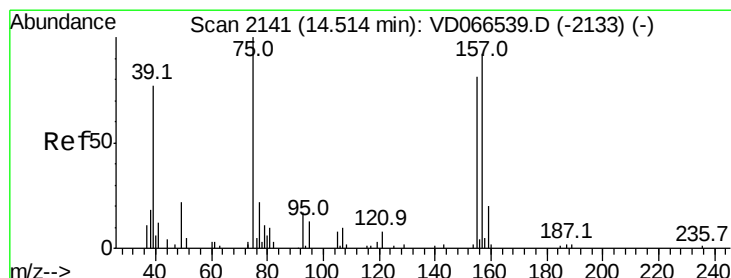
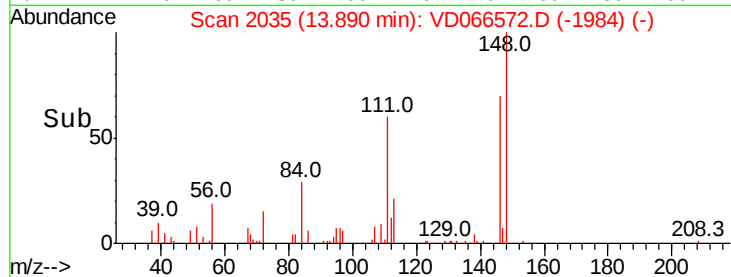
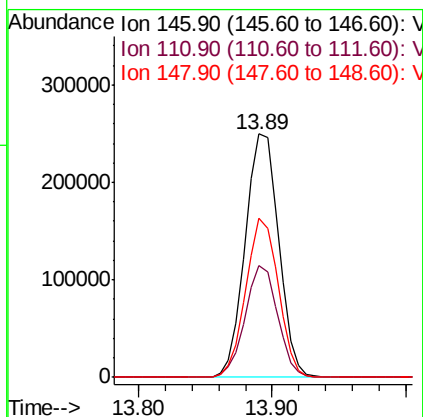
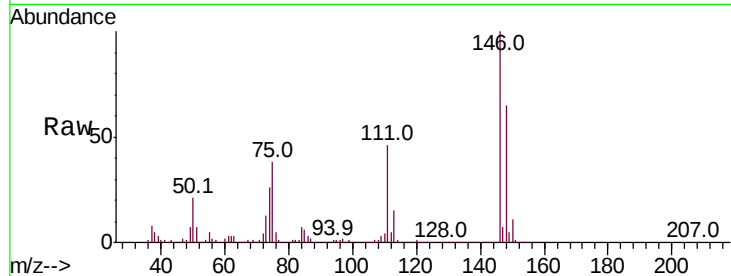




#91
1,2-Dichlorobenzene
Concen: 45.254 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

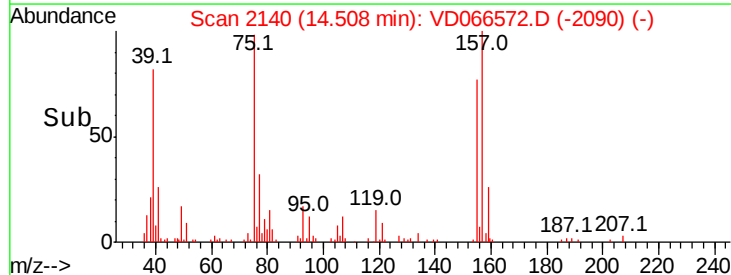
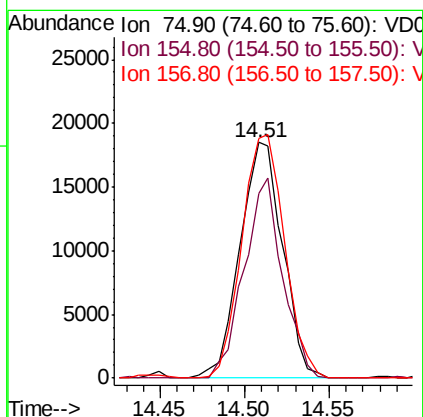
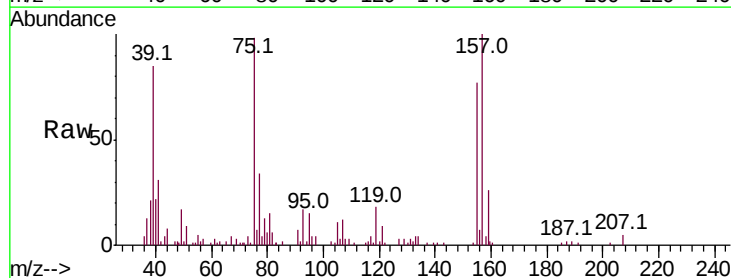
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

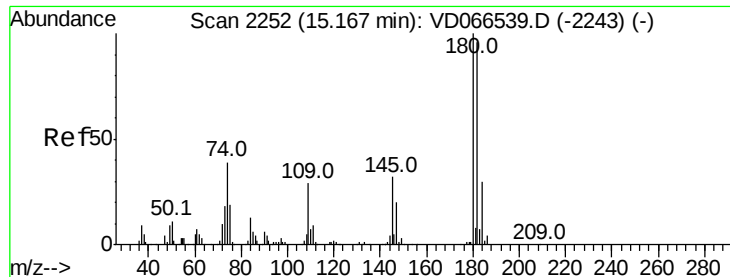
Tot Ion:146 Resp: 432479
Ion Ratio Lower Upper
146 100
111 44.5 21.1 63.4
148 63.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.741 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion: 75 Resp: 32428
Ion Ratio Lower Upper
75 100
155 76.9 39.3 117.8
157 103.9 46.0 137.8

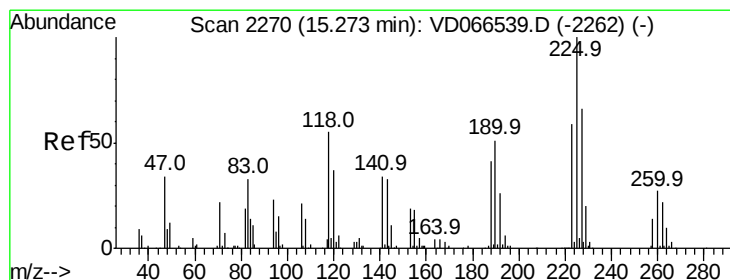
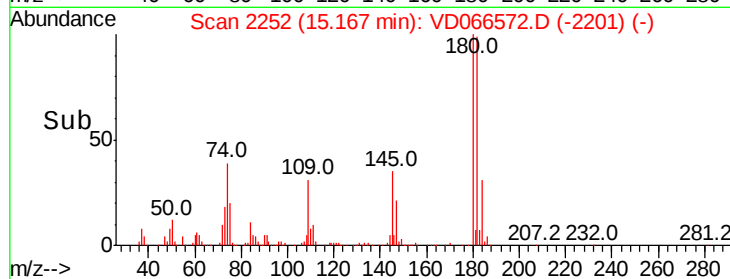
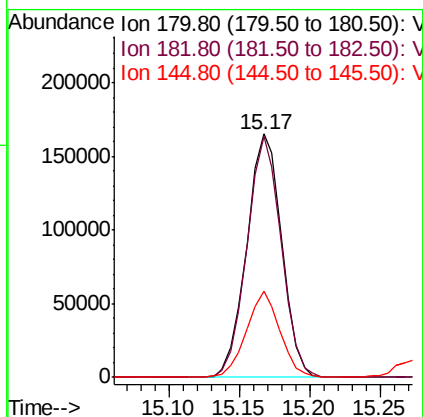
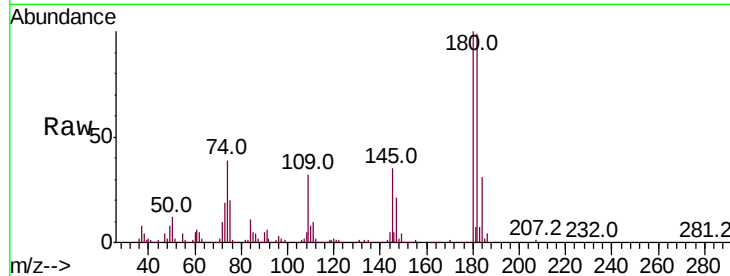




#93
 1,2,4-Trichlorobenzene
 Concen: 50.120 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

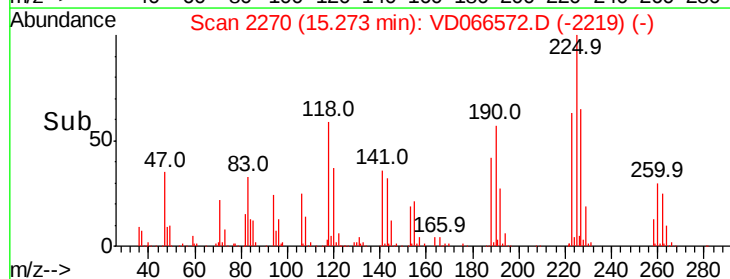
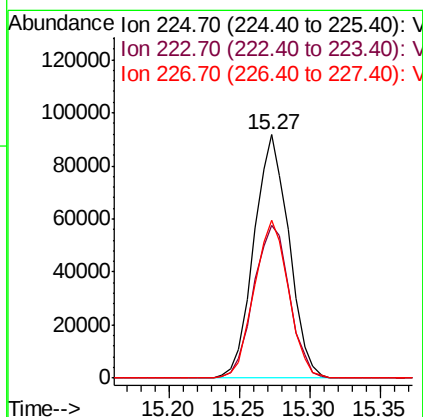
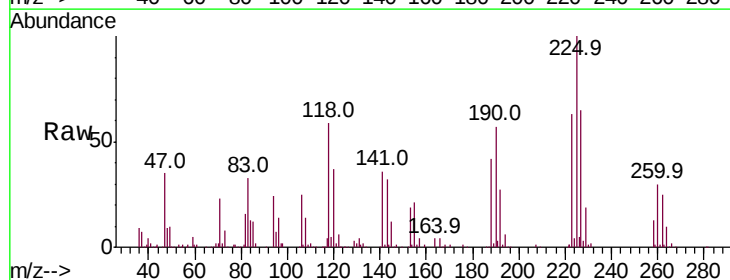
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

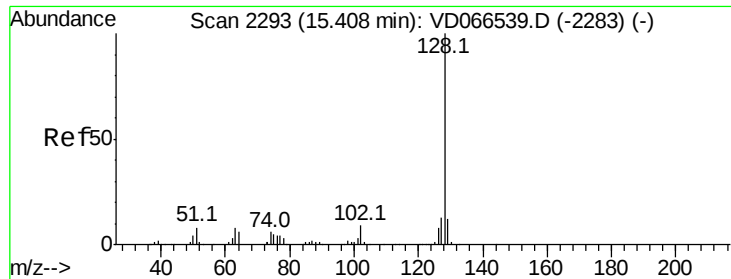
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.4	145.0
145	34.1	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 46.359 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066572.D
 Acq: 04 Sep 2020 19:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.5	91.5
227	63.9	32.4	97.2

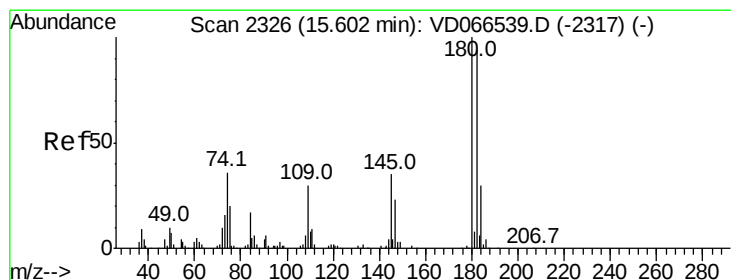
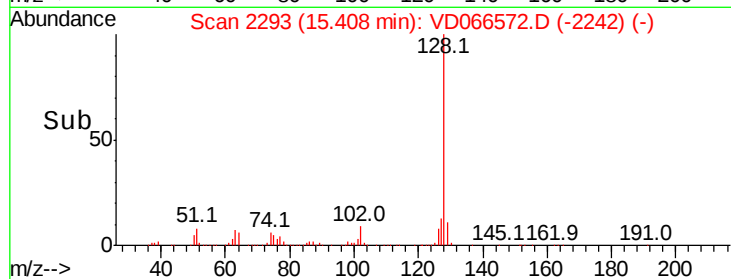
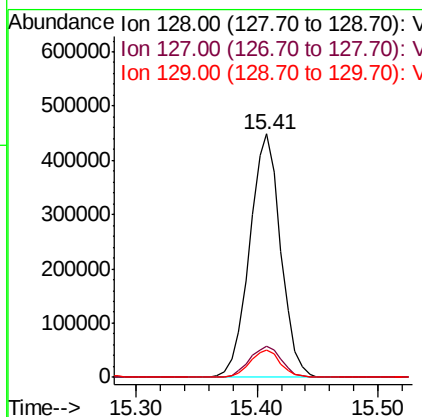
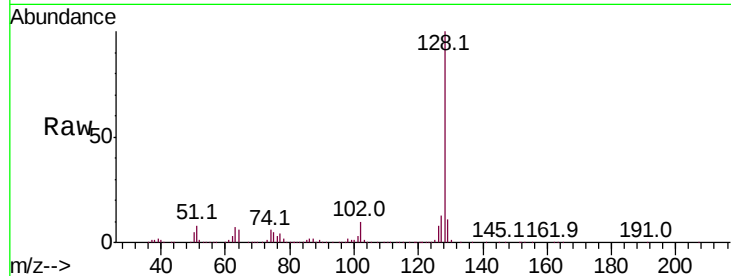




#95
Naphthalene
Concen: 79.802 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	11.1	9.1	13.7



#96
1,2,3-Trichlorobenzene
Concen: 50.055 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066572.D
Acq: 04 Sep 2020 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	36.8	17.3	51.7

