

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066540.D
 Acq On : 03 Sep 2020 16:23
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 04 01:21:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	388742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	628828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	568326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	465006	112.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.12%	
35) Dibromofluoromethane	7.91	113	430965	114.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	229.16%	
50) Toluene-d8	10.34	98	1636271	116.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.02%	
62) 4-Bromofluorobenzene	12.63	95	526603	105.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	304105	91.335	ug/l	93
3) Chloromethane	2.21	50	419980	174.419	ug/l	97
4) Vinyl Chloride	2.35	62	494006	171.797	ug/l	98
5) Bromomethane	2.75	94	331461	146.531	ug/l	87
6) Chloroethane	2.92	64	311312	163.472	ug/l	97
7) Trichlorofluoromethane	3.27	101	720209	97.017	ug/l	98
8) Diethyl Ether	3.70	74	199525	134.014	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	387199	118.729	ug/l	99
10) Methyl Iodide	4.30	142	421363	123.131	ug/l	97
11) Tert butyl alcohol	5.22	59	131355	430.247	ug/l	100
12) 1,1-Dichloroethene	4.07	96	369445	122.296	ug/l	96
13) Acrolein	3.92	56	89372	634.991	ug/l	96
14) Allyl chloride	4.71	41	637498	171.879	ug/l	99
15) Acrylonitrile	5.41	53	432382	777.498	ug/l	99
16) Acetone	4.15	43	411243	634.309	ug/l	98
17) Carbon Disulfide	4.40	76	1208858	134.222	ug/l	99
18) Methyl Acetate	4.71	43	197099	172.551	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	944523	121.401	ug/l	95
20) Methylene Chloride	4.96	84	449472	116.564	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	445368	126.820	ug/l	98
22) Diisopropyl ether	6.36	45	1332860	176.022	ug/l	98
23) Vinyl Acetate	6.30	43	3965291	836.923	ug/l	100
24) 1,1-Dichloroethane	6.26	63	789702	141.737	ug/l	98
25) 2-Butanone	7.21	43	580754	810.607	ug/l	95
26) 2,2-Dichloropropane	7.20	77	710891	108.391	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	499229	131.623	ug/l	100
28) Bromochloromethane	7.54	49	332729	191.072	ug/l	100
29) Tetrahydrofuran	7.56	42	365010	934.881	ug/l	99
30) Chloroform	7.71	83	838197	122.456	ug/l	99
31) Cyclohexane	7.98	56	690458	139.651	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	776192	105.578	ug/l	99
36) 1,1-Dichloropropene	8.11	75	646882	114.749	ug/l	98
37) Ethyl Acetate	7.29	43	251742	138.924	ug/l	96
38) Carbon Tetrachloride	8.10	117	679342	84.272	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	767420	116.042	ug/l	98
40) Benzene	8.34	78	1777092	121.127	ug/l	100
41) Methacrylonitrile	7.56	41	374559	388.579	ug/l #	19
42) 1,2-Dichloroethane	8.42	62	560103	94.696	ug/l	100
43) Isopropyl Acetate	8.45	43	516517	139.745	ug/l	98
44) Trichloroethene	9.11	130	461525	95.654	ug/l	96
45) 1,2-Dichloropropane	9.38	63	443485	144.457	ug/l	94
46) Dibromomethane	9.47	93	248427	117.826	ug/l	97
47) Bromodichloromethane	9.66	83	668950	108.391	ug/l	98
48) Methyl methacrylate	9.45	41	274499	145.534	ug/l	97
49) 1,4-Dioxane	9.46	88	56269	2306.184	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	1321412	762.175	ug/l	99
52) Toluene	10.40	92	1154412	112.785	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	625861	111.703	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	737083	121.874	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	322159	120.696	ug/l	96
56) Ethyl methacrylate	10.66	69	414923	130.310	ug/l	98
57) 1,3-Dichloropropane	10.94	76	566349	126.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	846644	660.230	ug/l	97
59) 2-Hexanone	10.98	43	910222	731.820	ug/l	99
60) Dibromochloromethane	11.14	129	424019	99.682	ug/l	100
61) 1,2-Dibromoethane	11.24	107	316305	116.080	ug/l	100
64) Tetrachloroethene	10.87	164	378407	87.953	ug/l	94
65) Chlorobenzene	11.67	112	1174451	105.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	442485	95.148	ug/l	99
67) Ethyl Benzene	11.74	91	2246080	112.987	ug/l	99
68) m/p-Xylenes	11.86	106	1674453	218.074	ug/l	100
69) o-Xylene	12.18	106	754377	104.374	ug/l	98
70) Styrene	12.20	104	1327996	107.239	ug/l	99
71) Bromoform	12.36	173	227786	90.990	ug/l #	98
73) Isopropylbenzene	12.48	105	2119747	115.209	ug/l	100
74) N-amyl acetate	12.29	43	470407	155.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	343522	145.060	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	471080	250.949	ug/l #	100
77) Bromobenzene	12.76	156	451670	99.157	ug/l	98
78) n-propylbenzene	12.82	91	2530445	123.253	ug/l	100
79) 2-Chlorotoluene	12.91	91	1403319	119.478	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1775777	111.280	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	116454	143.434	ug/l	94
82) 4-Chlorotoluene	13.01	91	1478792	117.257	ug/l	100
83) tert-Butylbenzene	13.23	119	1453578	105.414	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1778990	112.044	ug/l	98
85) sec-Butylbenzene	13.40	105	2066250	115.163	ug/l	100
86) p-Isopropyltoluene	13.52	119	1926265	109.311	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	897752	105.164	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	868155	100.985	ug/l	99
89) n-Butylbenzene	13.85	91	1834722	121.297	ug/l	99
90) Hexachloroethane	14.12	117	369932	113.635	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	764069	103.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	58103	102.773	ug/l	95

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QLast Update : Fri Sep 04 01:16:19 2020
Response via : Initial Calibration

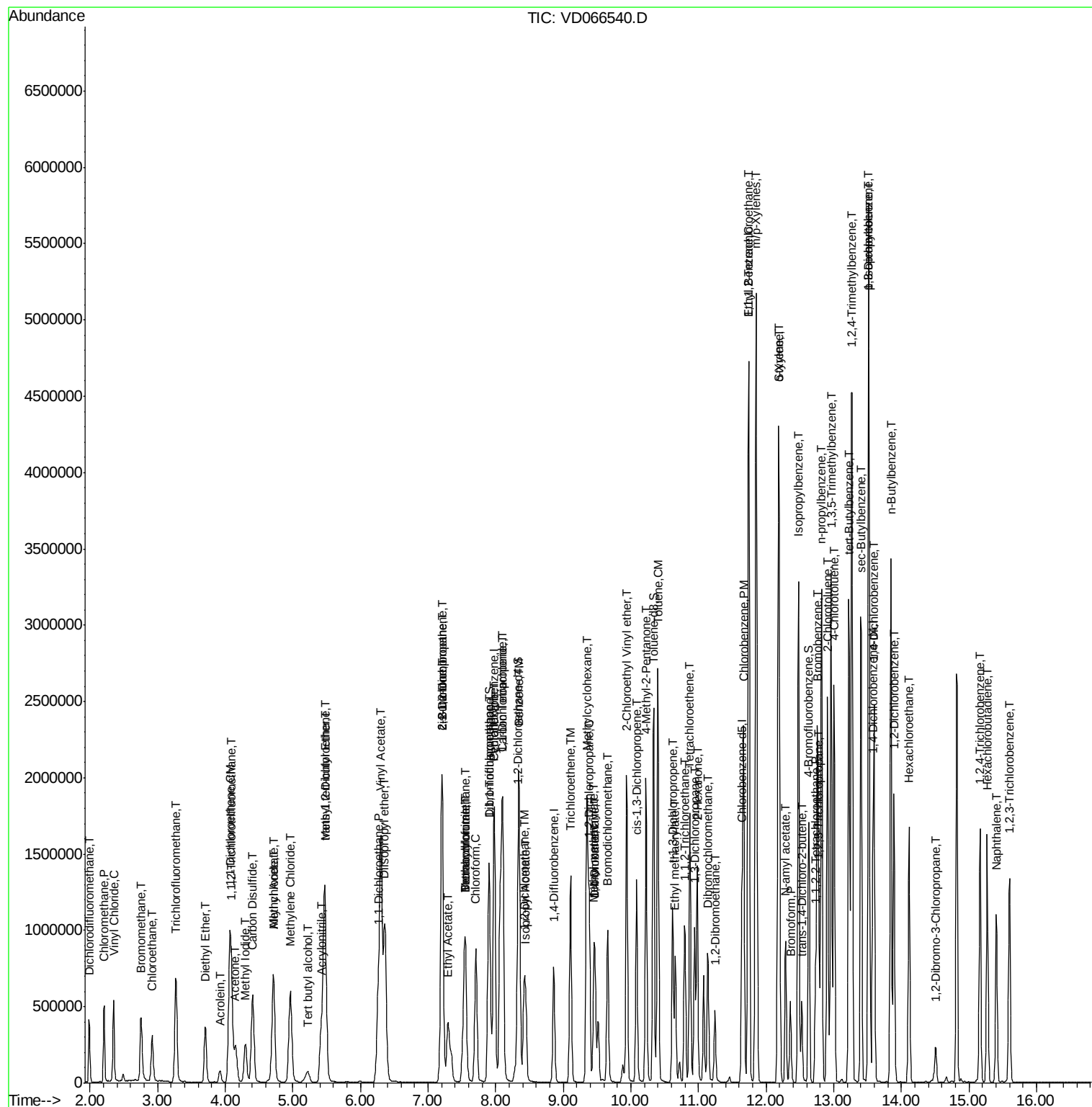
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	490689	87.351	ug/l	98
94) Hexachlorobutadiene	15.27	225	276693	76.736	ug/l	98
95) Naphthalene	15.41	128	935799	104.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	421424	86.561	ug/l	100

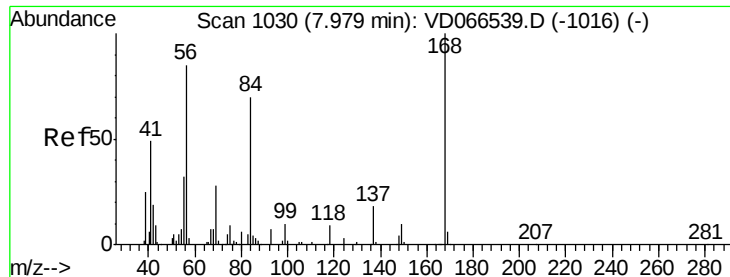
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

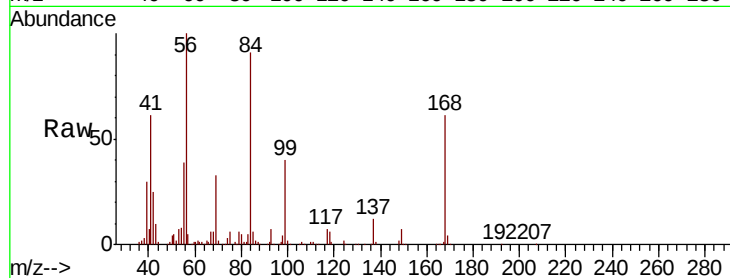
VSTDIC100

Tot Ion:168 Resp: 388742

Ion Ratio Lower Upper

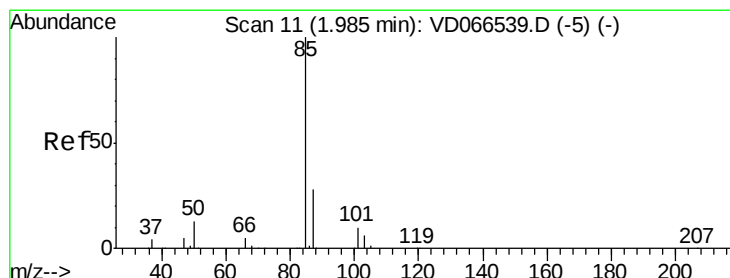
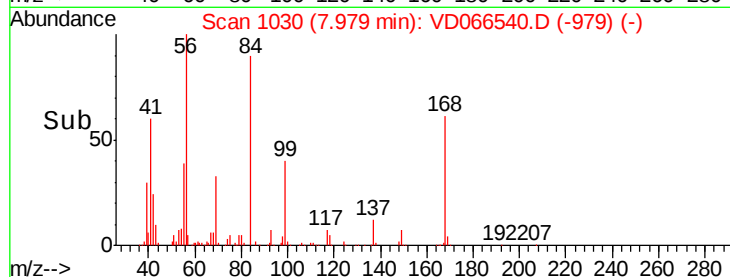
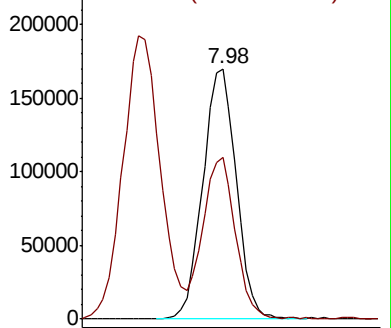
168 100

99 64.0 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 91.335 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066540.D

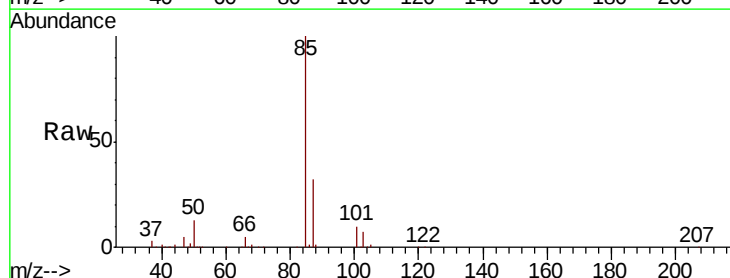
Acq: 03 Sep 2020 16:23

Tgt Ion: 85 Resp: 304105

Ion Ratio Lower Upper

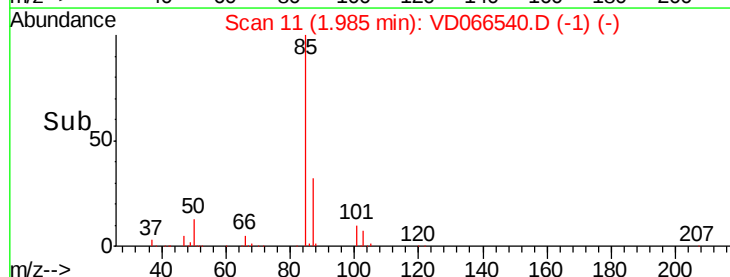
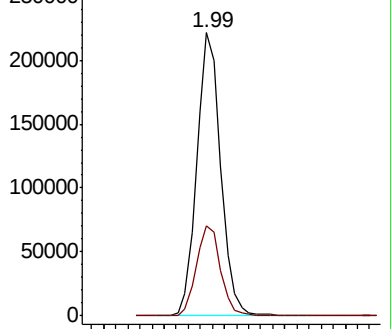
85 100

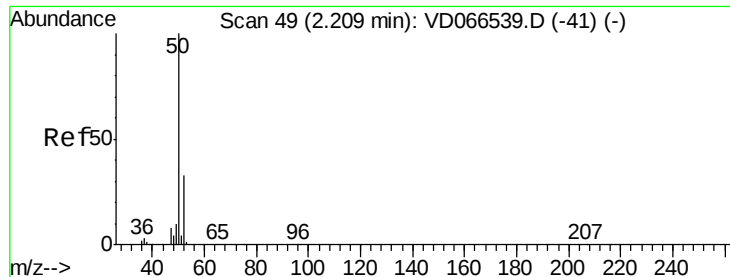
87 31.9 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 174.419 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

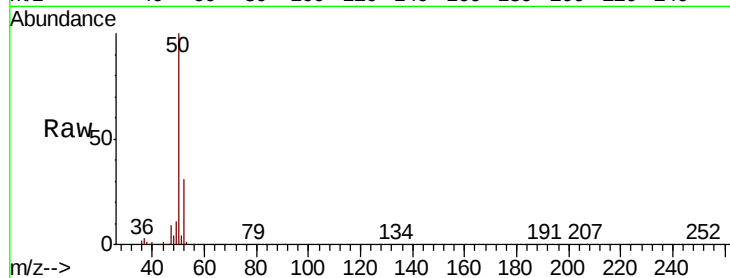
VSTDICC100

Tot Ion: 50 Resp: 419980

Ion Ratio Lower Upper

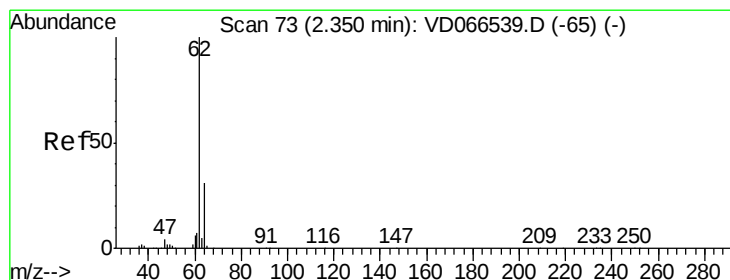
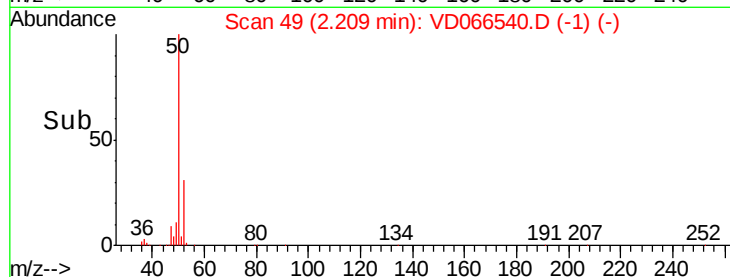
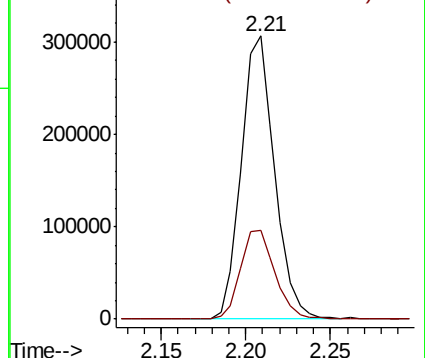
50 100

52 31.2 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: 171.797 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066540.D

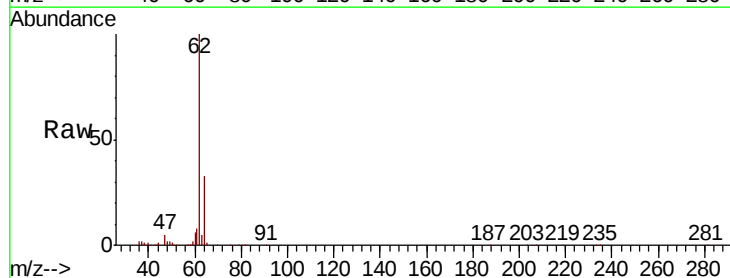
Acq: 03 Sep 2020 16:23

Tgt Ion: 62 Resp: 494006

Ion Ratio Lower Upper

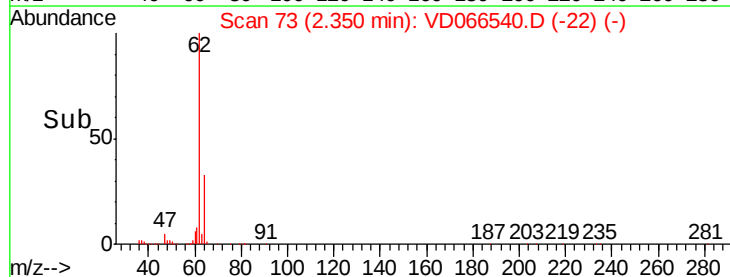
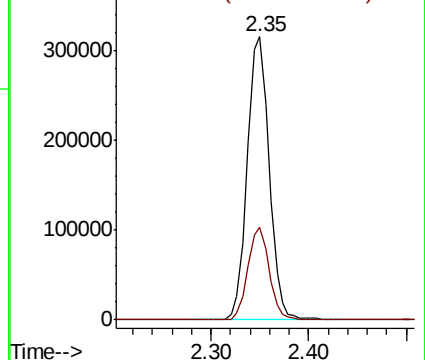
62 100

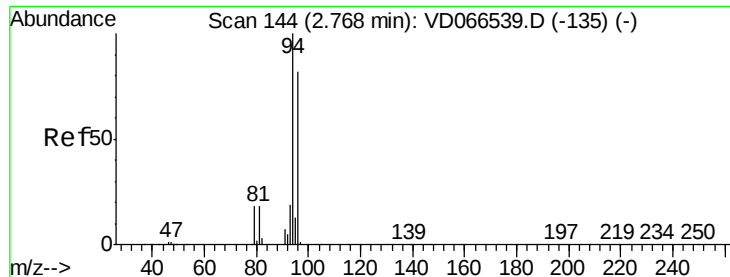
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 146.531 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

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ClientSampleId :

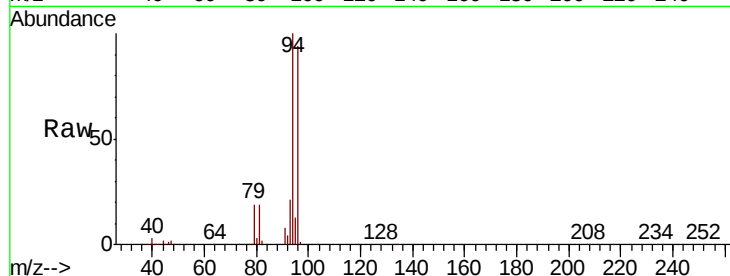
VSTDIC100

Tot Ion: 94 Resp: 331461

Ion Ratio Lower Upper

94 100

96 93.5 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.75

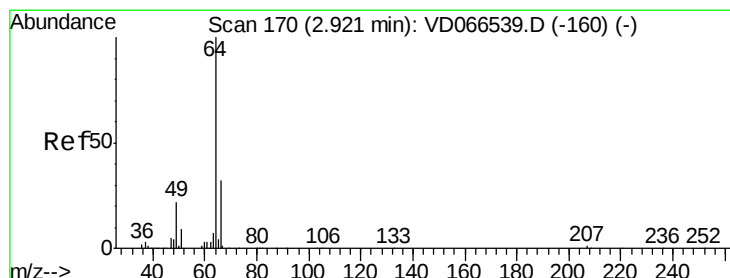
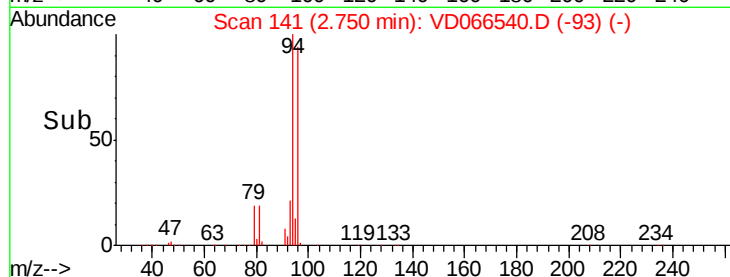
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 163.472 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066540.D

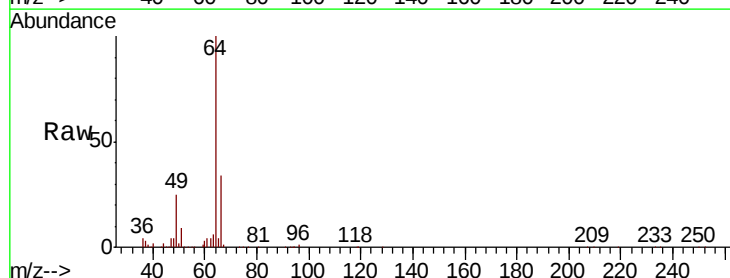
Acq: 03 Sep 2020 16:23

Tgt Ion: 64 Resp: 311312

Ion Ratio Lower Upper

64 100

66 33.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

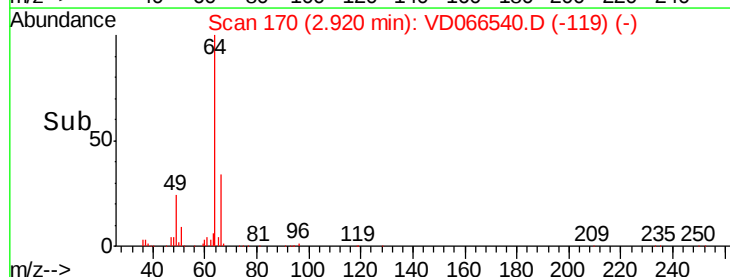
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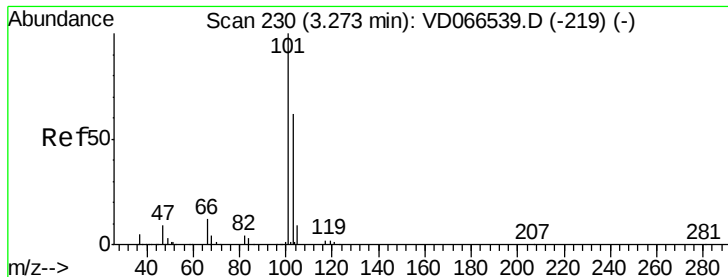
100000

50000

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Time-->



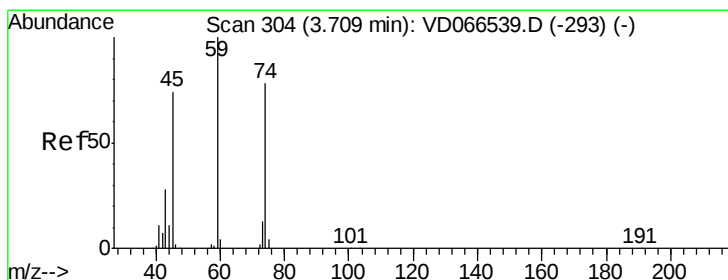
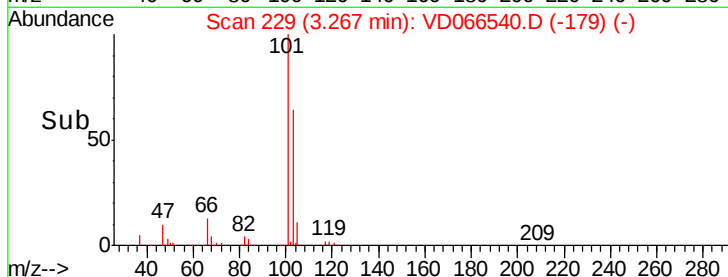
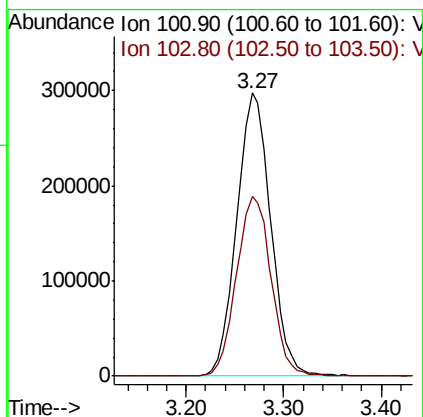
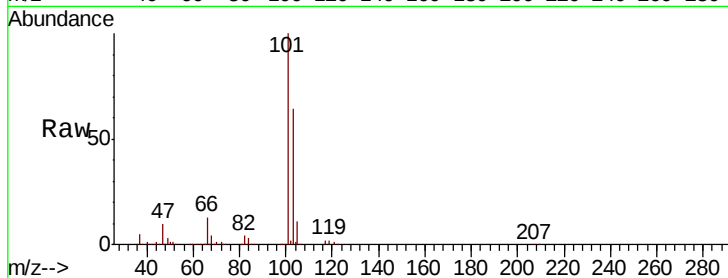


#7

Trichlorofluoromethane
 Concen: 97.017 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

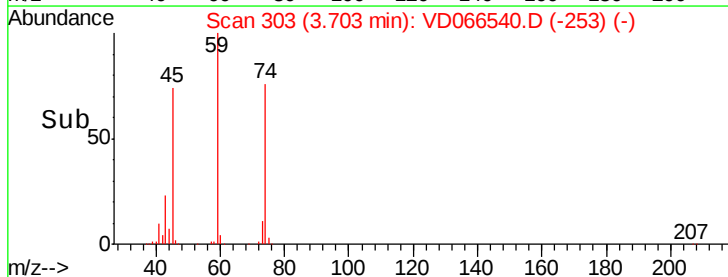
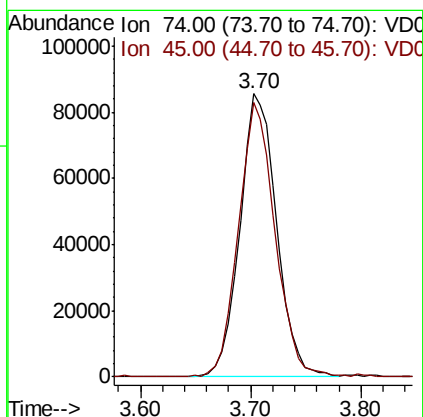
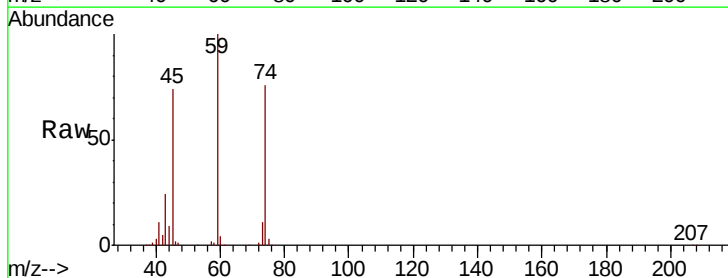
Tot Ion:101 Resp: 720209
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.7 74.5

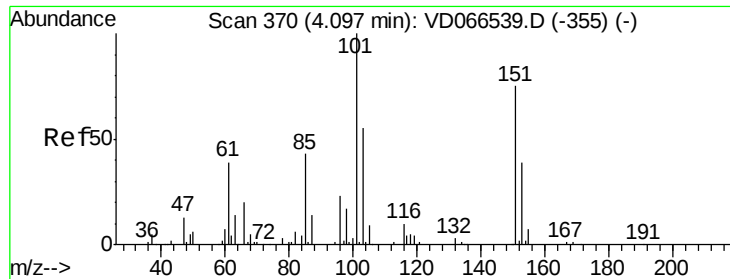


#8

Diethyl Ether
 Concen: 134.014 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 74 Resp: 199525
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 118.729 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

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VSTDIC100

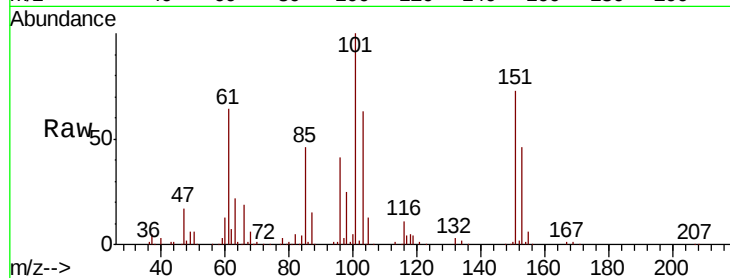
Tot Ion:101 Resp: 387199

Ion Ratio Lower Upper

101 100

85 47.6 37.0 55.6

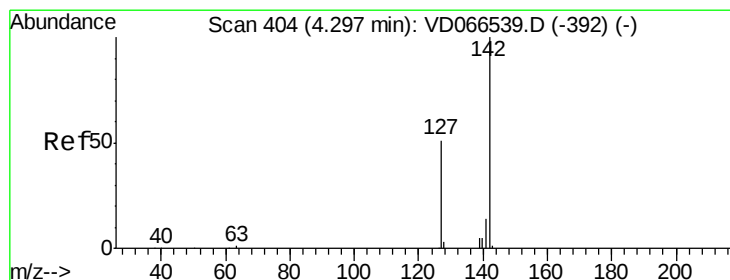
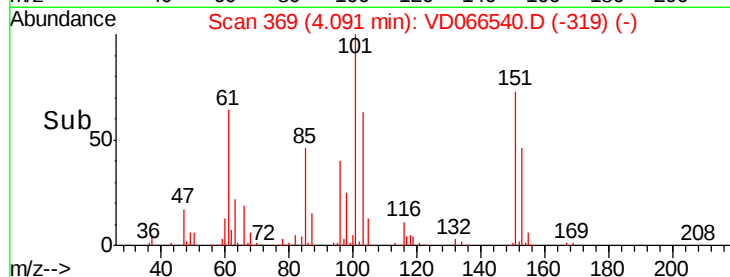
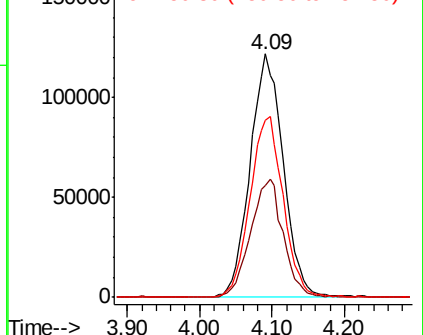
151 74.3 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 123.131 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

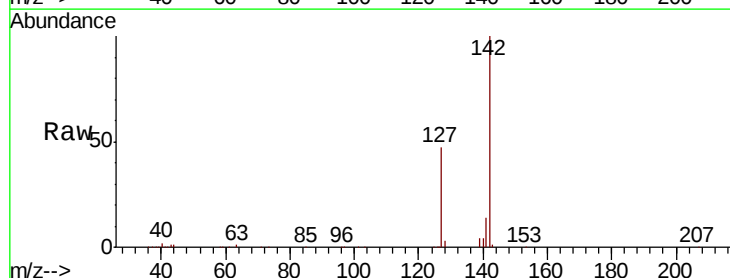
Tgt Ion:142 Resp: 421363

Ion Ratio Lower Upper

142 100

127 48.8 40.6 61.0

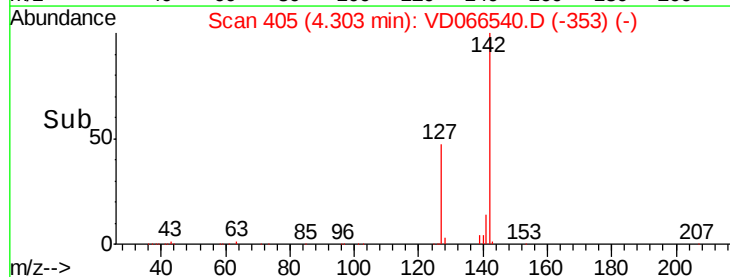
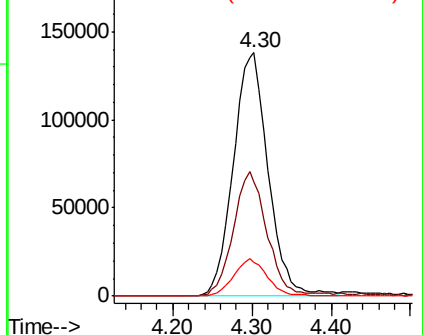
141 14.7 12.2 18.4

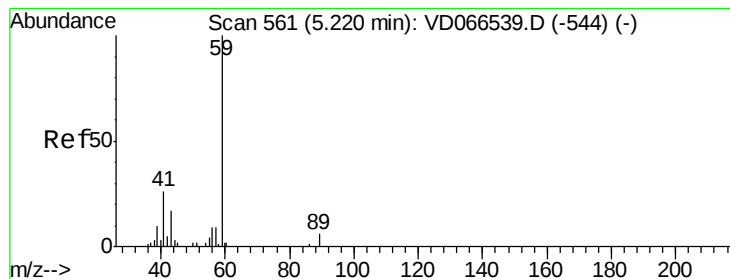


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 430.247 ug/l

RT: 5.22 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

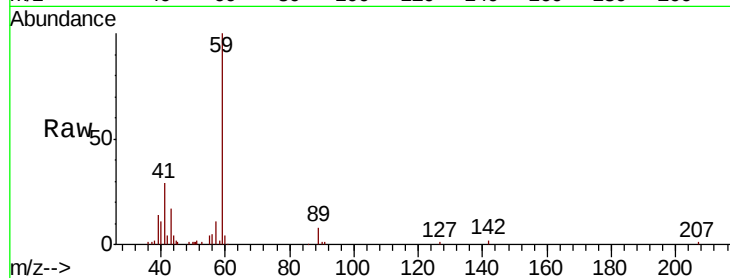
VSTDIC100

Tot Ion: 59 Resp: 131355

Ion Ratio Lower Upper

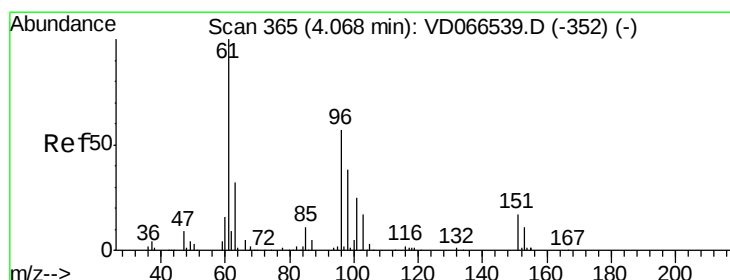
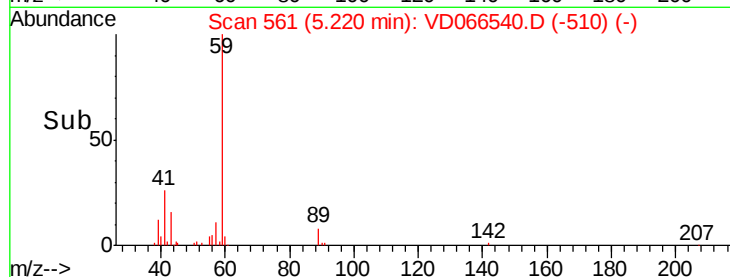
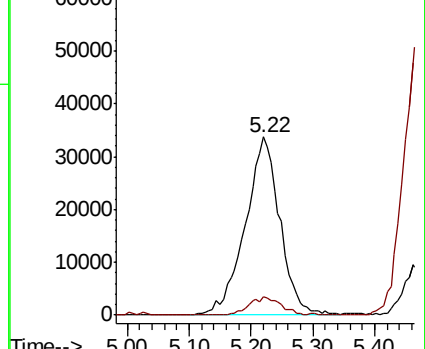
59 100

57 9.4 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: 122.296 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

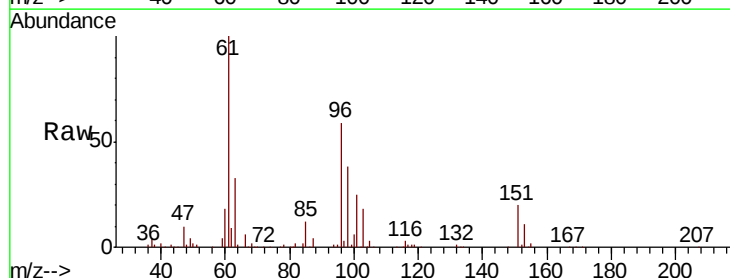
Tgt Ion: 96 Resp: 369445

Ion Ratio Lower Upper

96 100

61 169.3 140.9 211.3

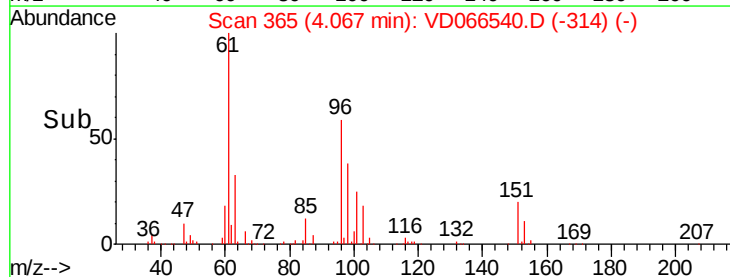
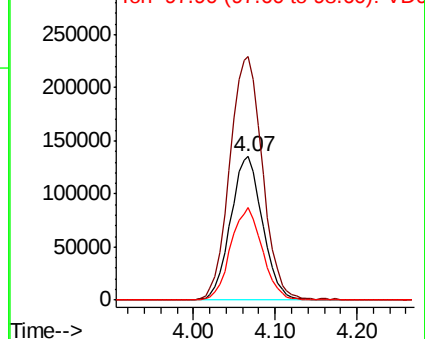
98 64.7 53.2 79.8

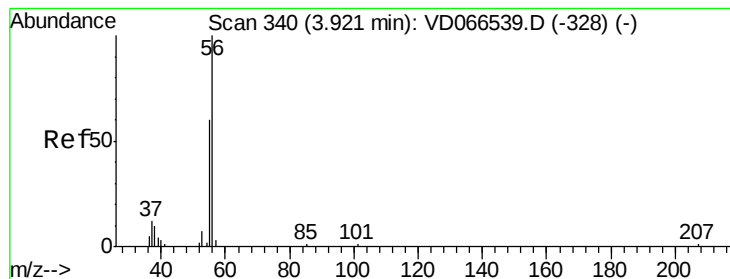


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 634.991 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

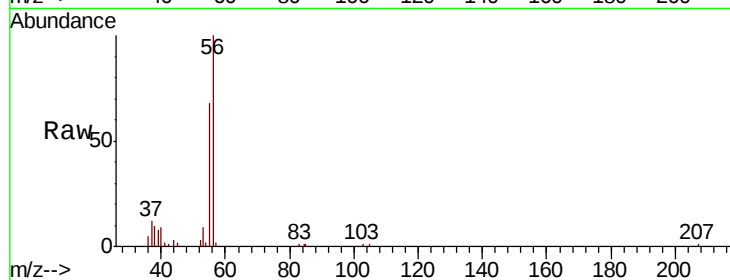
VSTDIC100

Tot Ion: 56 Resp: 89372

Ion Ratio Lower Upper

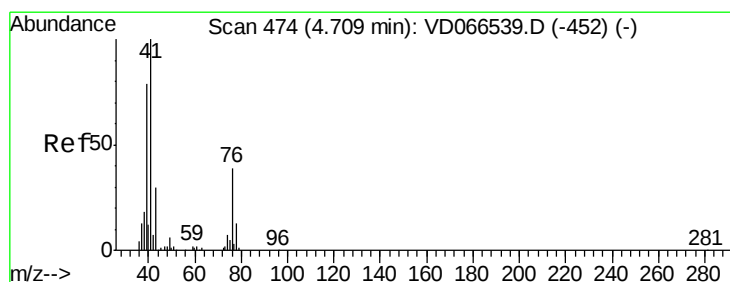
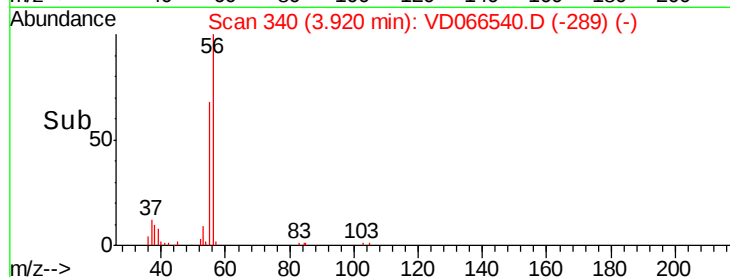
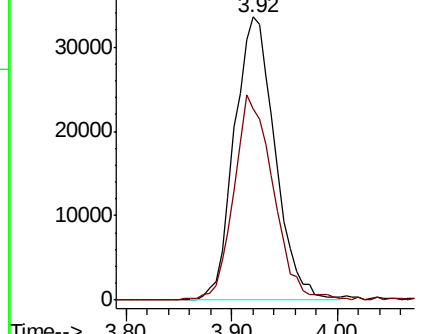
56 100

55 70.1 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: 171.879 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

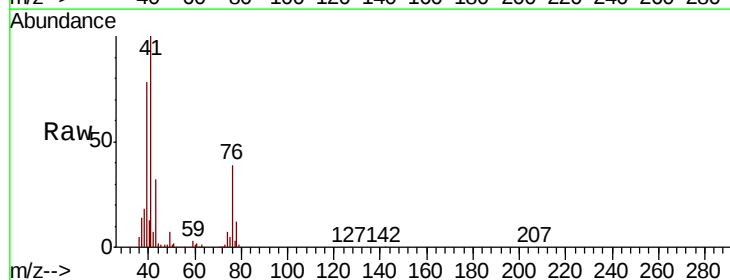
Tgt Ion: 41 Resp: 637498

Ion Ratio Lower Upper

41 100

39 76.8 61.9 92.9

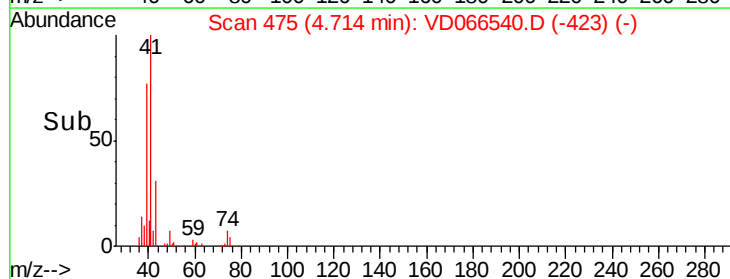
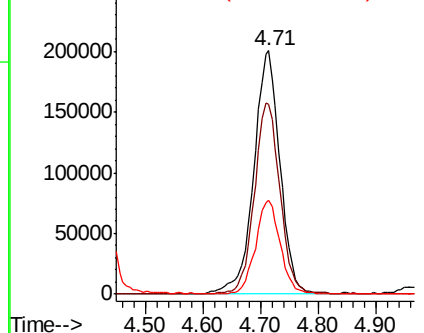
76 35.8 29.0 43.6

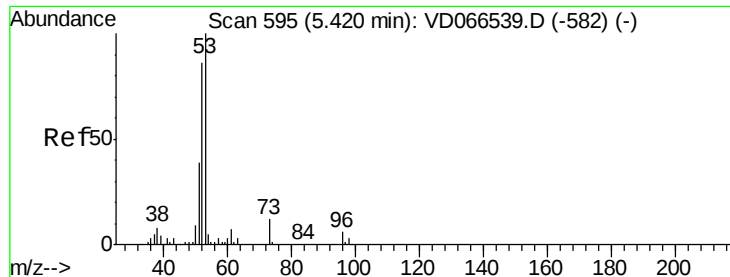


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 777.498 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

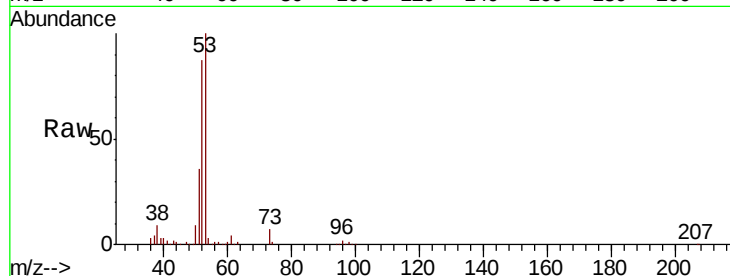
Tot Ion: 53 Resp: 432382

Ion Ratio Lower Upper

53 100

52 83.5 65.4 98.2

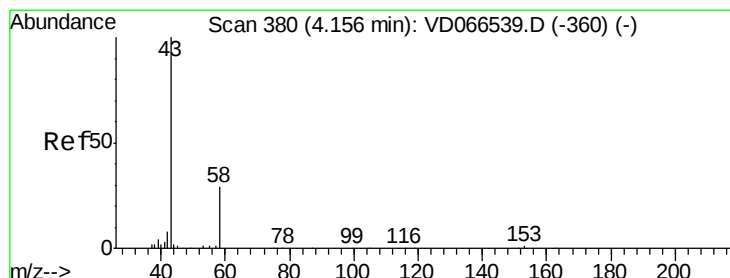
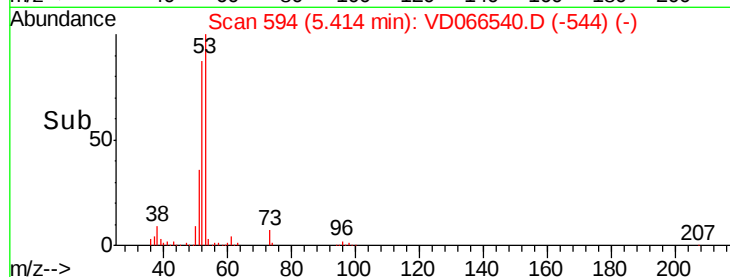
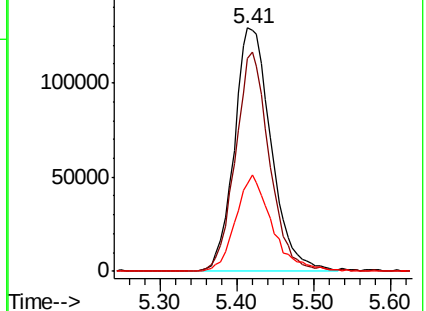
51 39.1 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 634.309 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066540.D

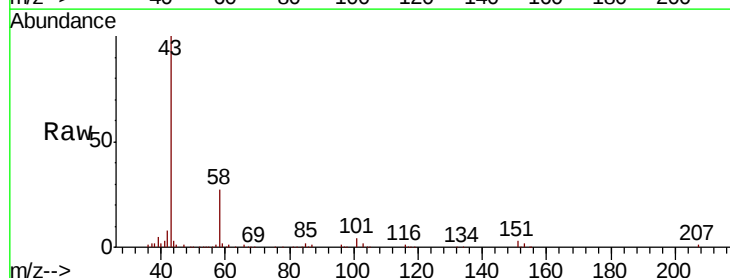
Acq: 03 Sep 2020 16:23

Tgt Ion: 43 Resp: 411243

Ion Ratio Lower Upper

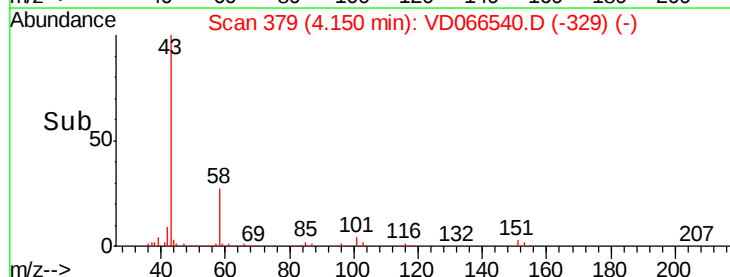
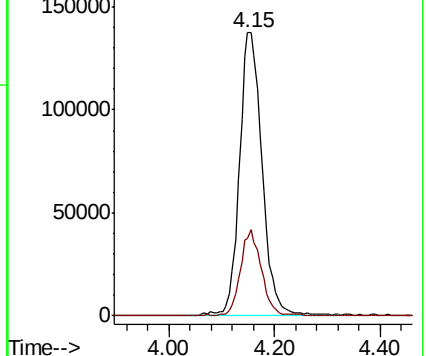
43 100

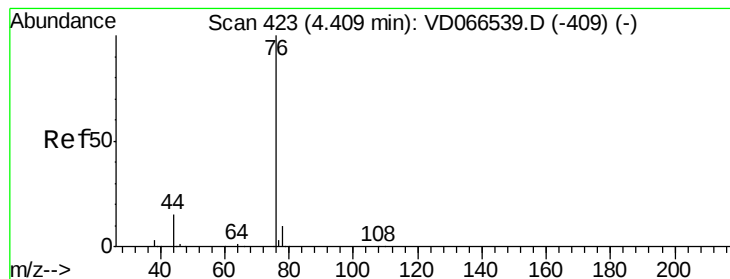
58 27.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 134.222 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

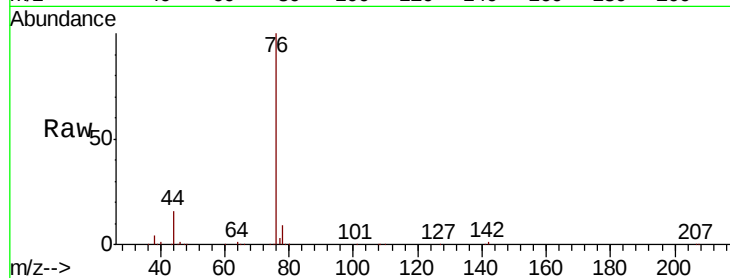
VSTDIC100

Tot Ion: 76 Resp: 1208858

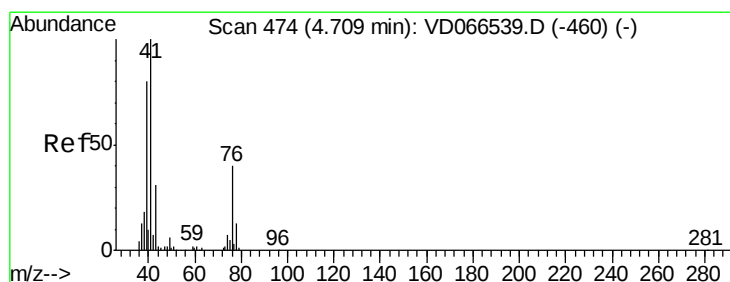
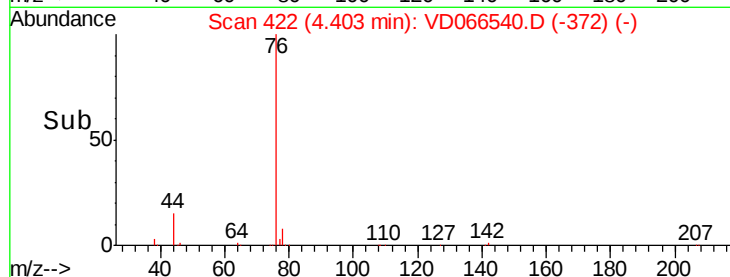
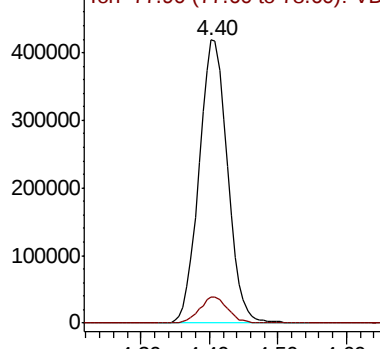
Ion Ratio Lower Upper

76 100

78 9.1 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: 172.551 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066540.D

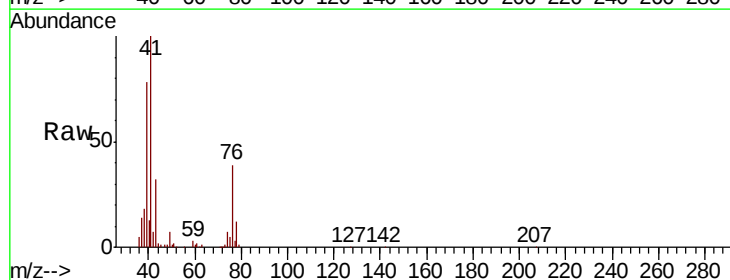
Acq: 03 Sep 2020 16:23

Tgt Ion: 43 Resp: 197099

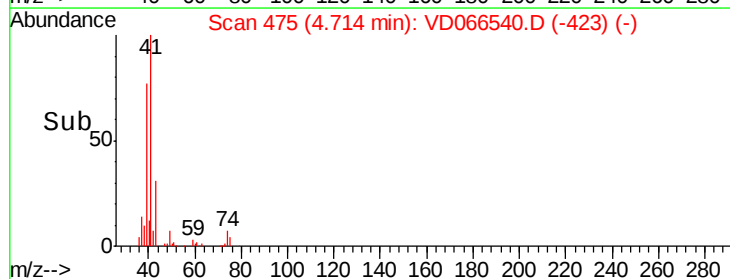
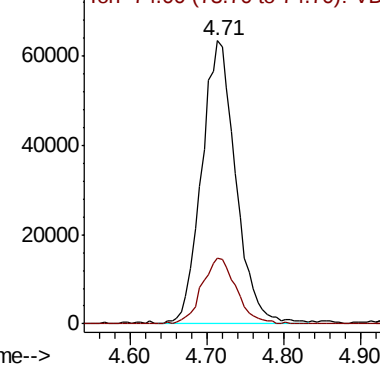
Ion Ratio Lower Upper

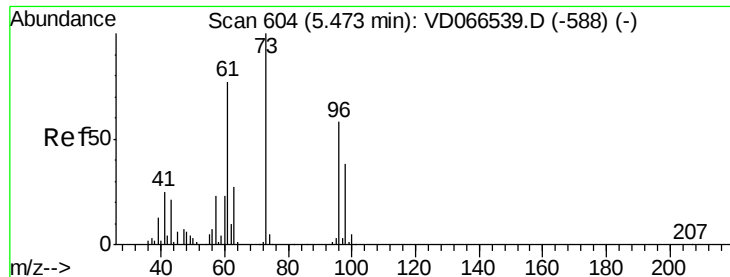
43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

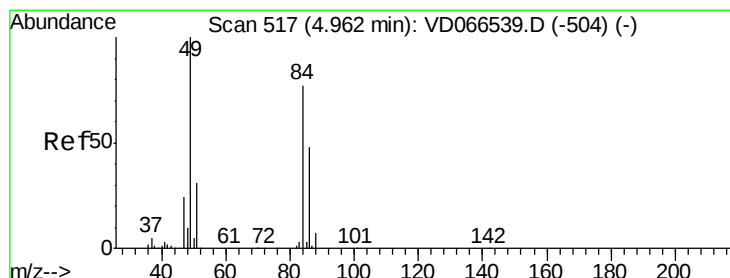
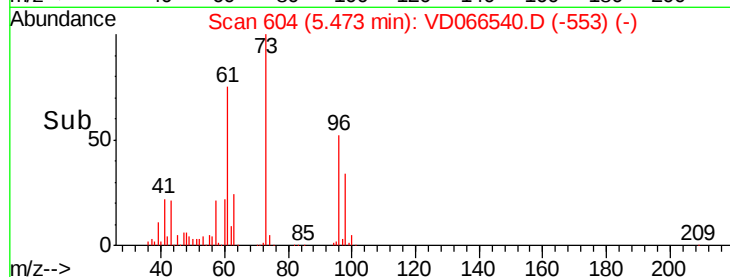
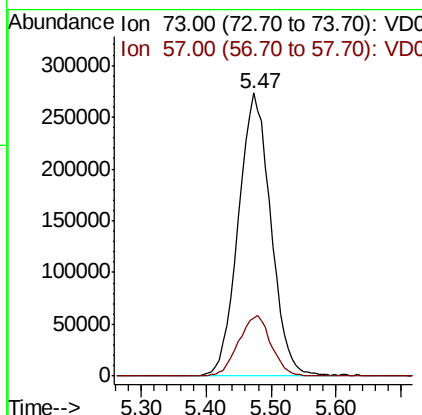
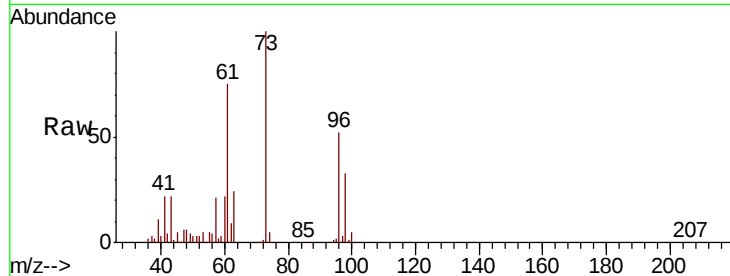




#19
Methyl tert-butyl Ether
Concen: 121.401 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

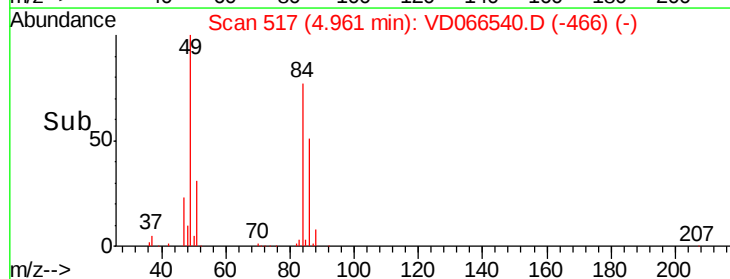
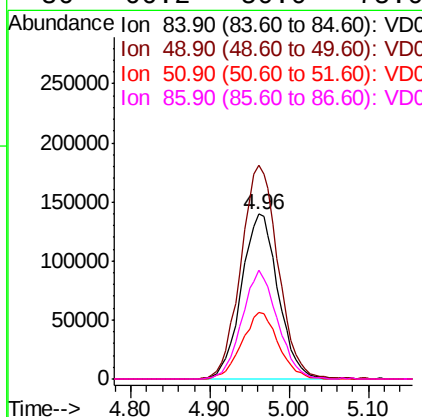
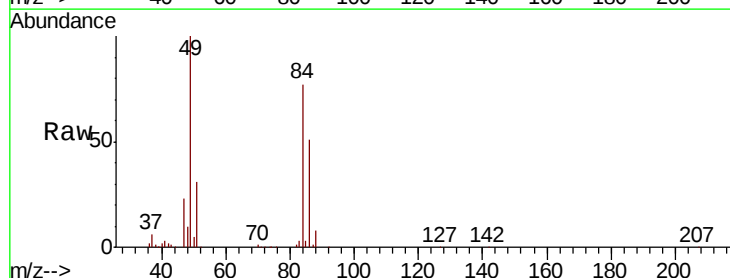
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

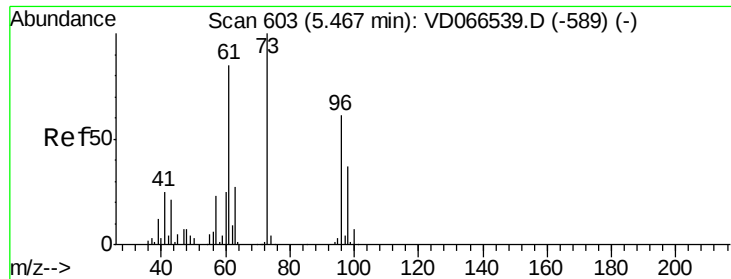
Tot Ion: 73 Resp: 944523
Ion Ratio Lower Upper
73 100
57 20.6 18.3 27.5



#20
Methylene Chloride
Concen: 116.564 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 84 Resp: 449472
Ion Ratio Lower Upper
84 100
49 129.4 104.3 156.5
51 40.1 32.2 48.4
86 66.2 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 126.820 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

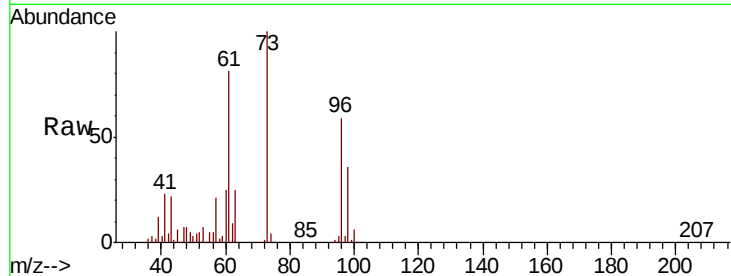
Tot Ion: 96 Resp: 445368

Ion Ratio Lower Upper

96 100

61 136.9 112.1 168.1

98 61.8 48.6 72.8

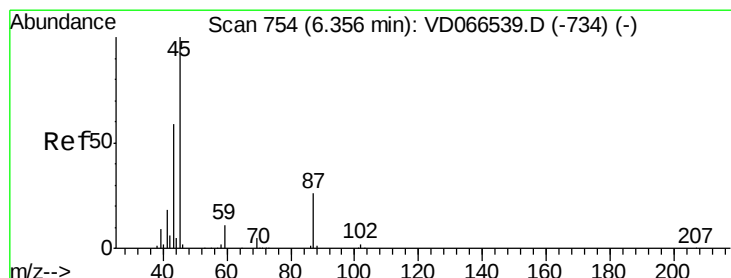
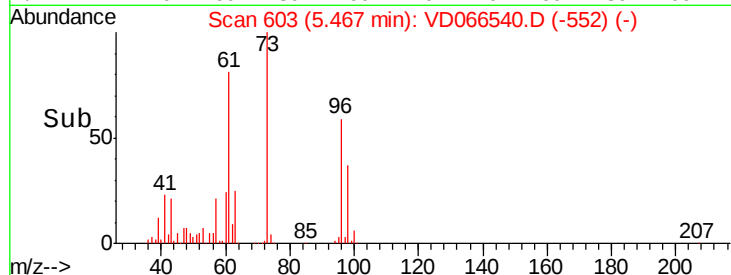
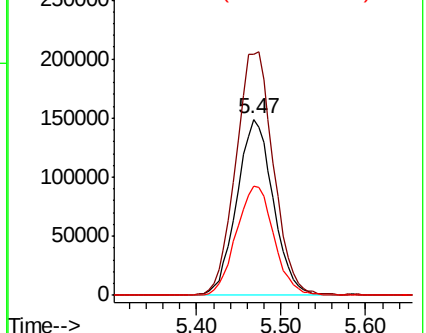


Abundance

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: 176.022 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Tgt Ion: 45 Resp: 1332860

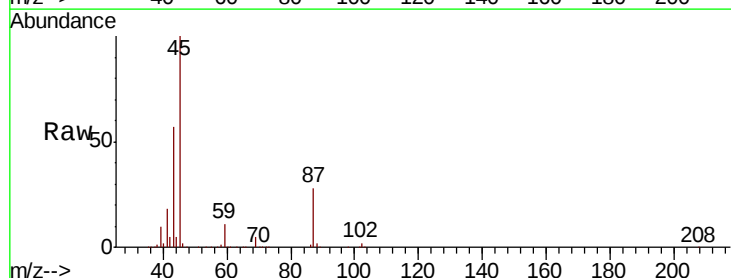
Ion Ratio Lower Upper

45 100

43 57.1 47.0 70.4

87 27.7 21.3 31.9

59 11.2 8.7 13.1



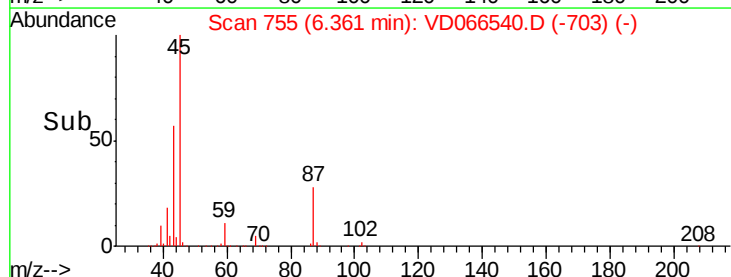
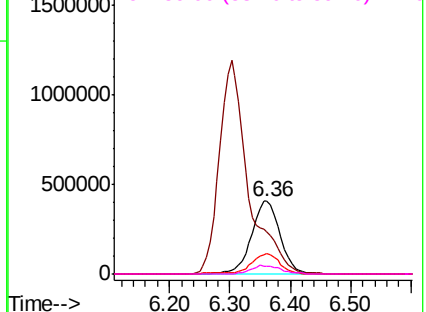
Abundance

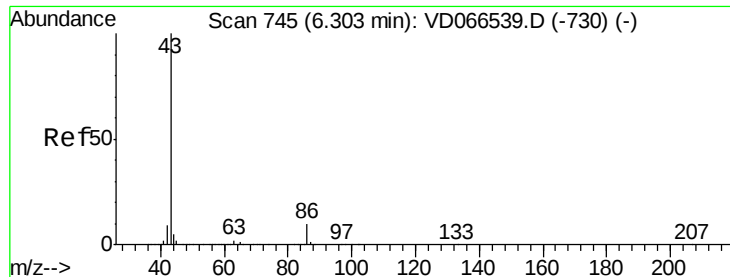
Ion 45.00 (44.70 to 45.70): VDC

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: 836.923 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

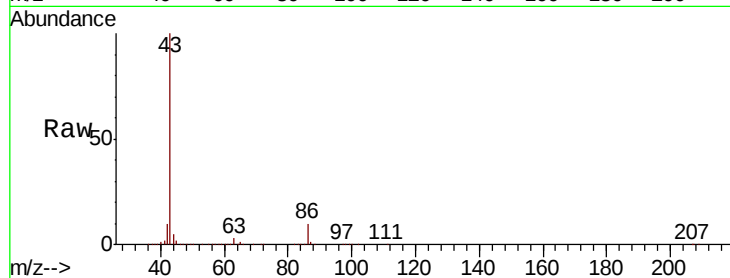
MSVOA_D

ClientSampleId :

VSTDIC100

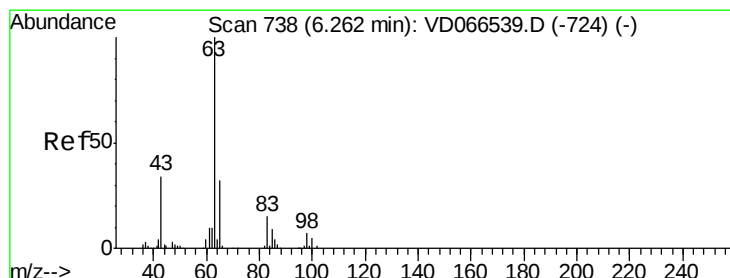
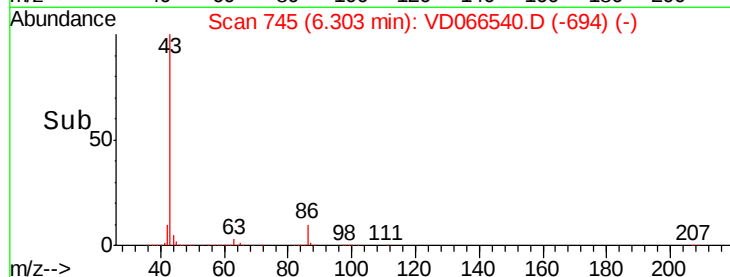
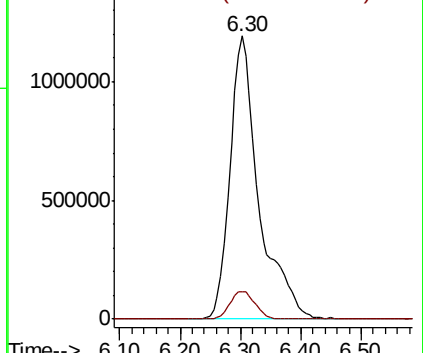
Tot Ion: 43 Resp: 3965291

Ion	Ratio	Lower	Upper
43	100		
86	9.7	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: 141.737 ug/l

RT: 6.26 min Scan# 738

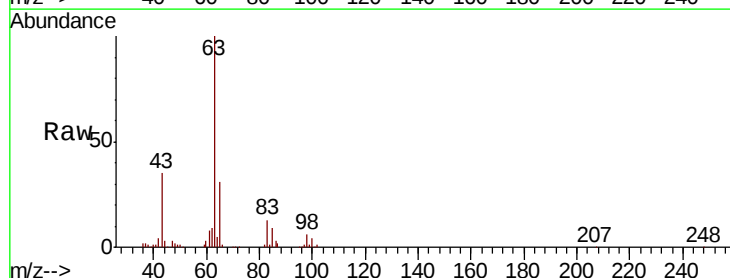
Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Tgt Ion: 63 Resp: 789702

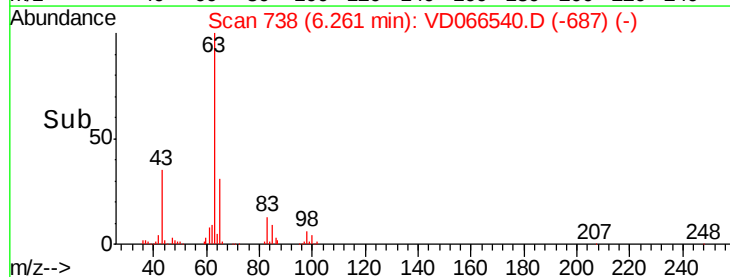
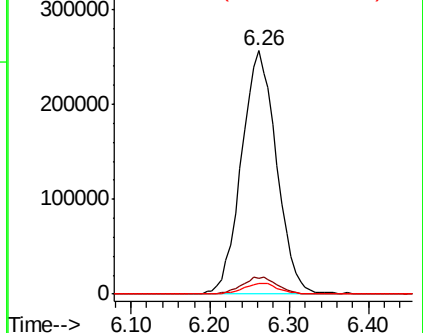
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.1
100	4.1	2.5	7.4

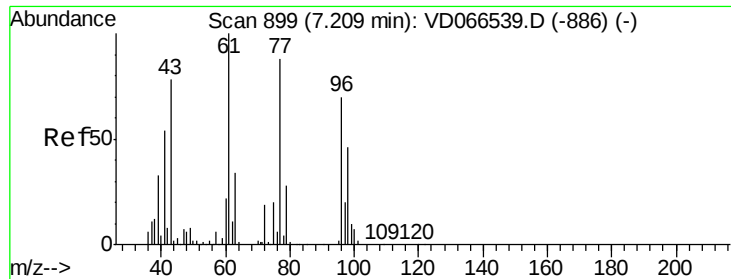


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

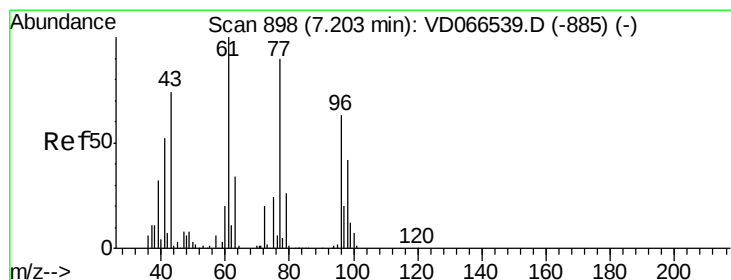
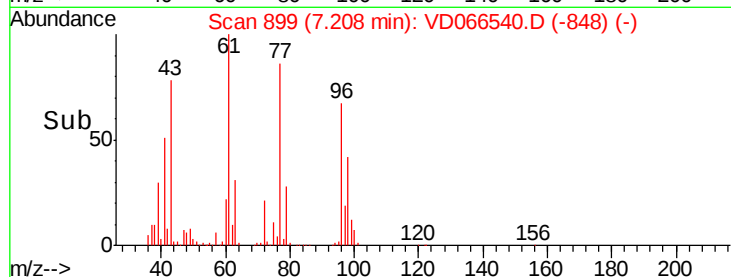
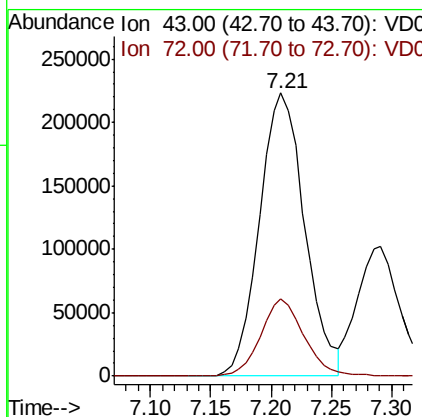
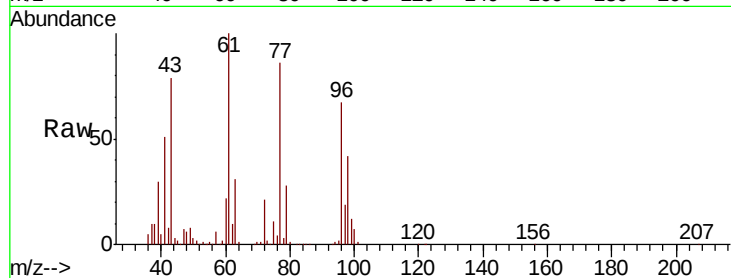




#25
2-Butanone
Concen: 810.607 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

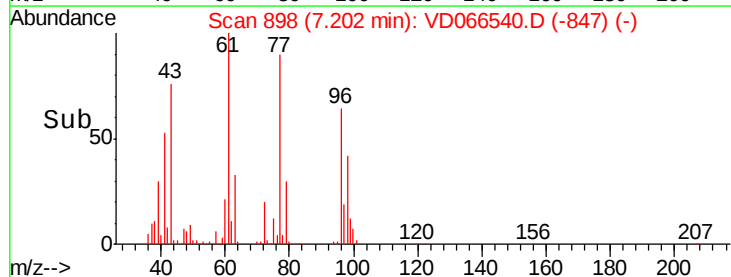
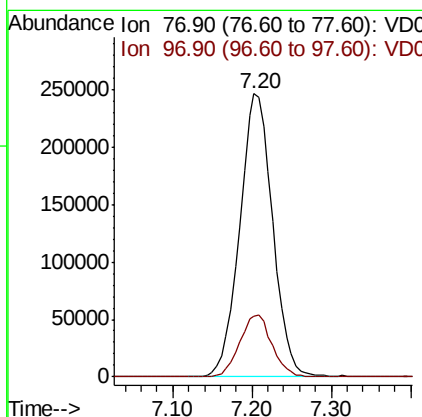
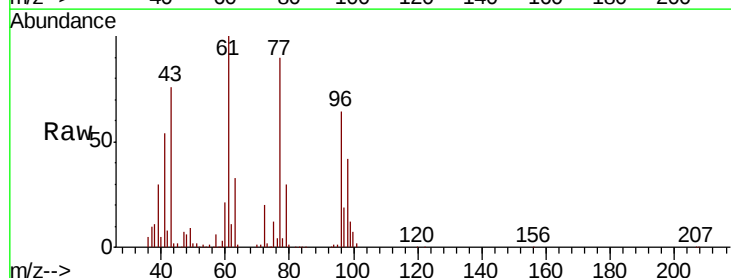
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

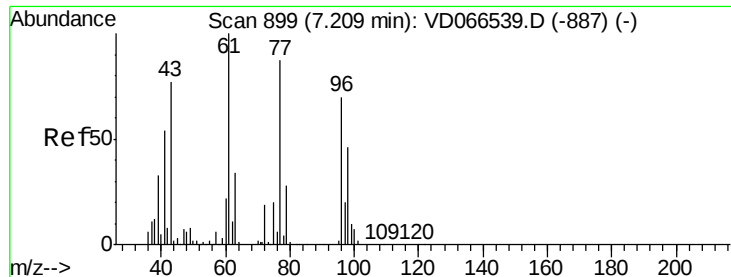
Tot Ion: 43 Resp: 580754
Ion Ratio Lower Upper
43 100
72 27.2 19.8 29.6



#26
2,2-Dichloropropane
Concen: 108.391 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 77 Resp: 710891
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3

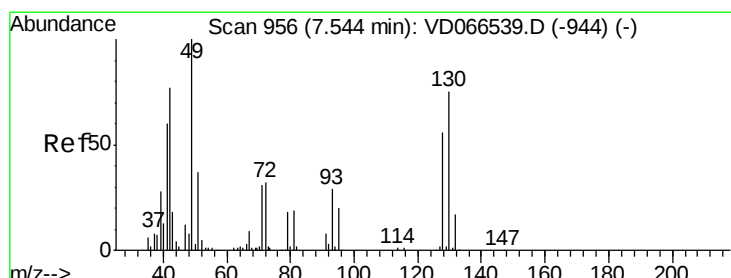
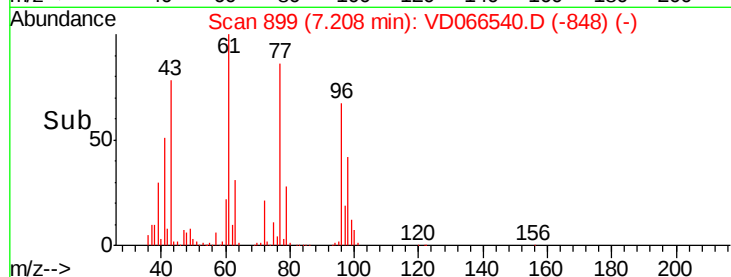
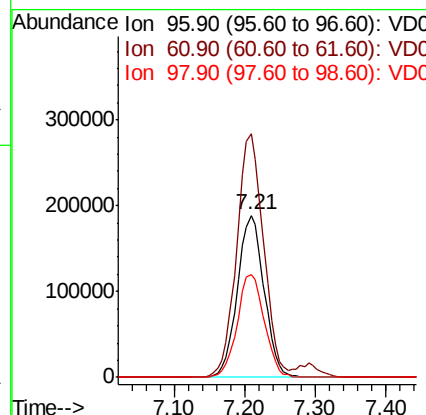
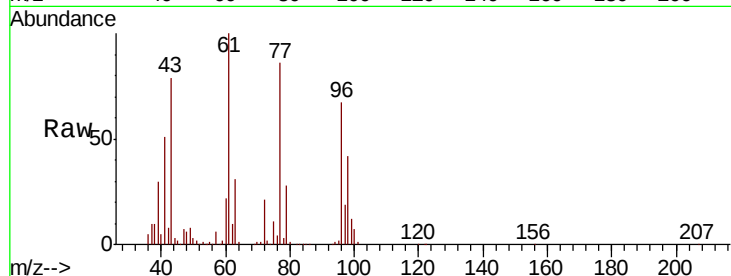




#27
 cis-1,2-Dichloroethene
 Concen: 131.623 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

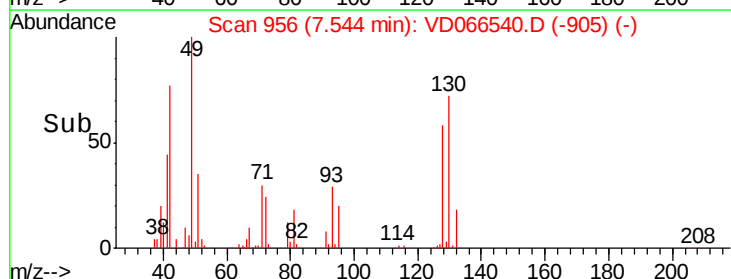
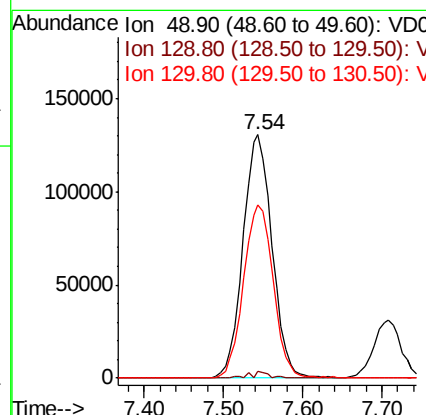
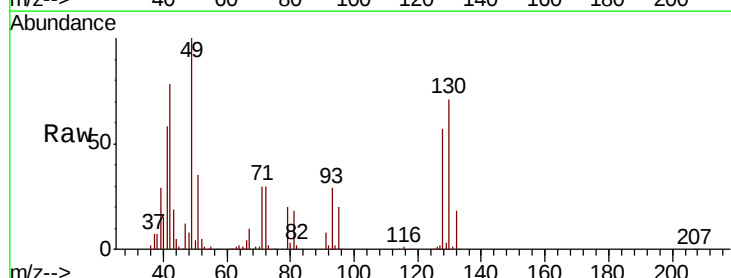
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

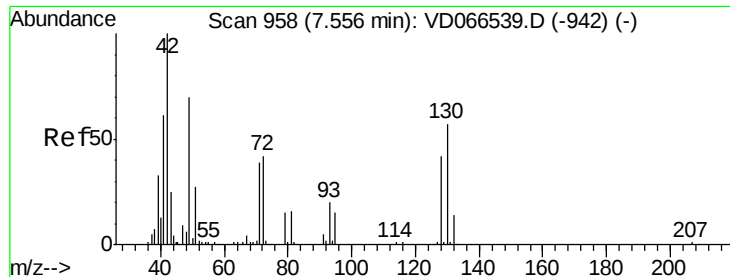
Tot Ion: 96 Resp: 499229
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 301.0
 98 64.4 0.0 129.8



#28
 Bromochloromethane
 Concen: 191.072 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 49 Resp: 332729
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 2.6
 130 72.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 934.881 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

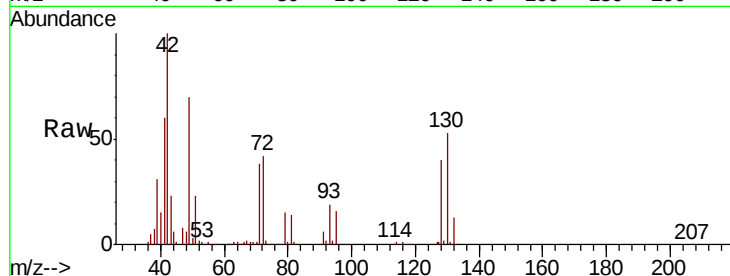
Tot Ion: 42 Resp: 365010

Ion Ratio Lower Upper

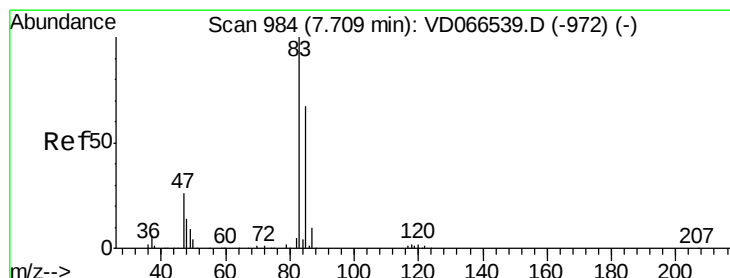
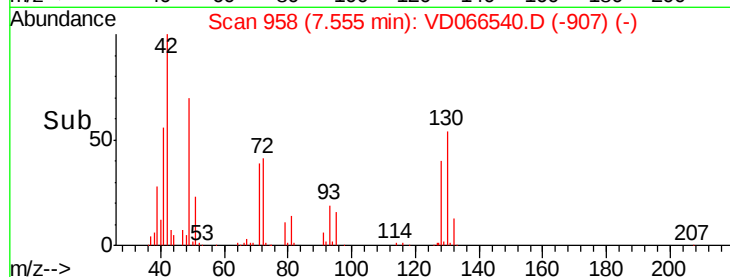
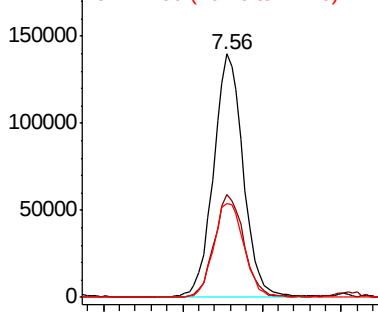
42 100

72 42.4 33.4 50.0

71 39.7 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: 122.456 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066540.D

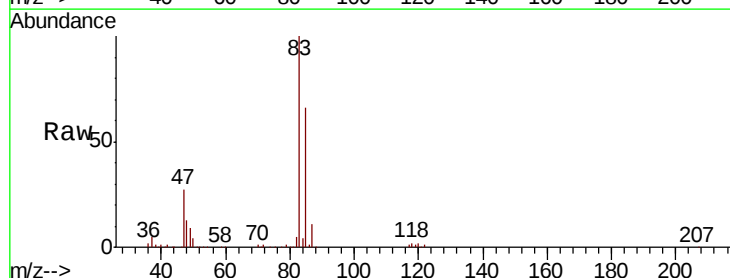
Acq: 03 Sep 2020 16:23

Tgt Ion: 83 Resp: 838197

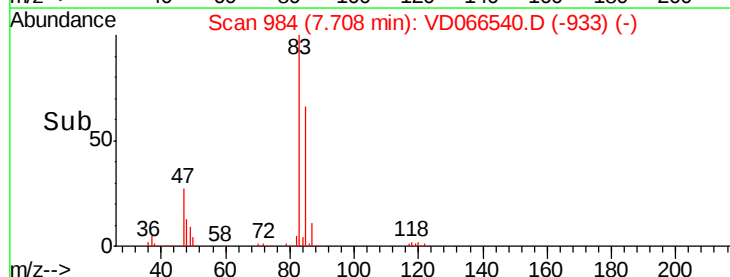
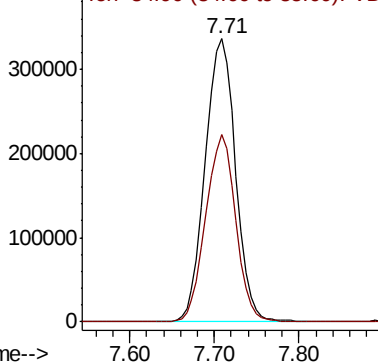
Ion Ratio Lower Upper

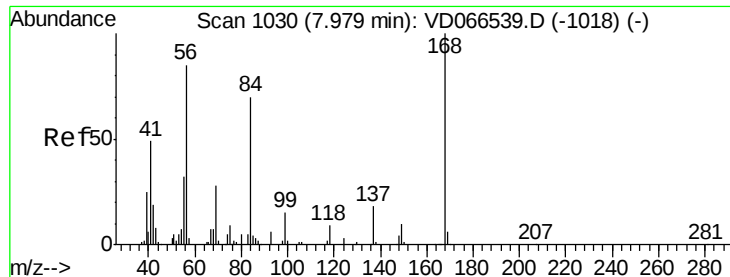
83 100

85 66.2 53.6 80.4



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

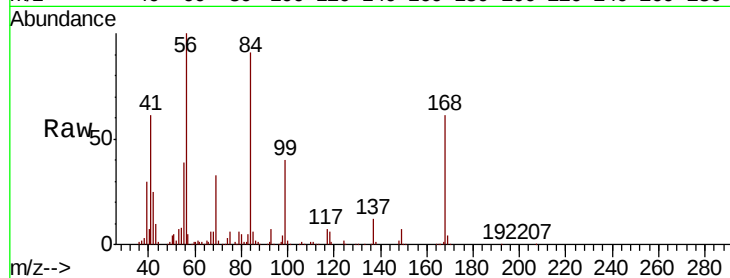




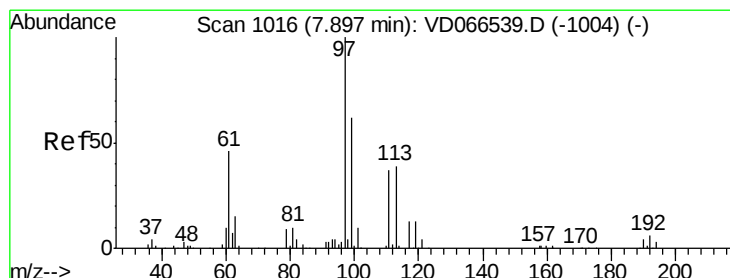
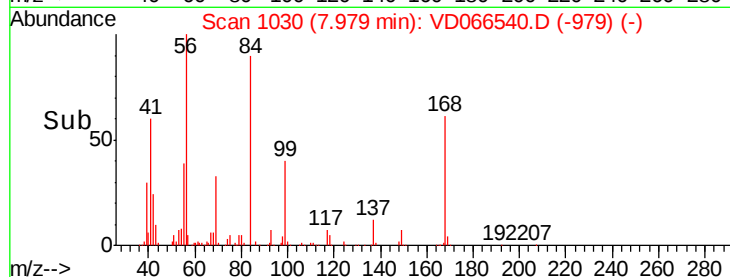
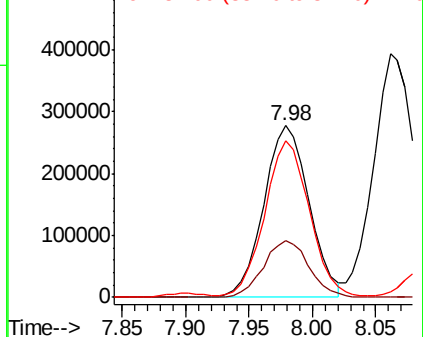
#31
Cyclohexane
Concen: 139.651 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 56 Resp: 690458
Ion Ratio Lower Upper
56 100
69 33.1 26.3 39.5
84 89.2 66.1 99.1

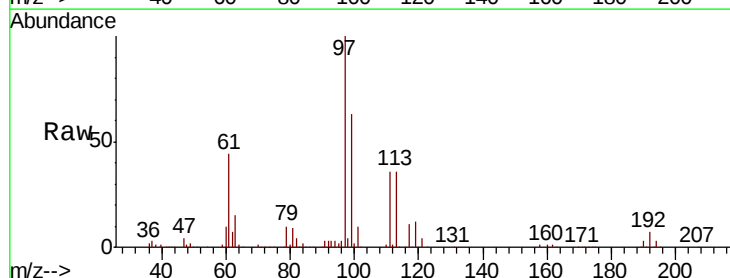


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

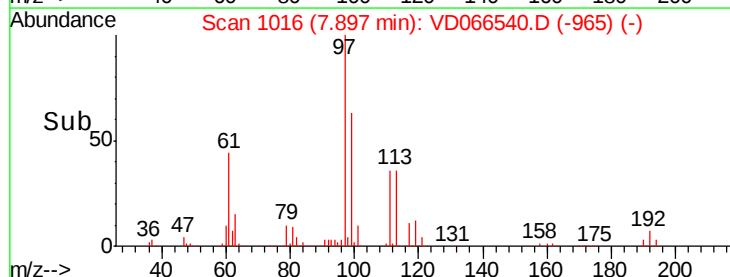
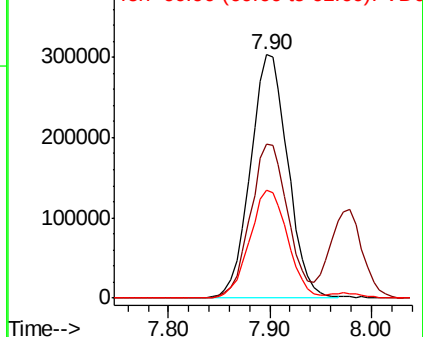


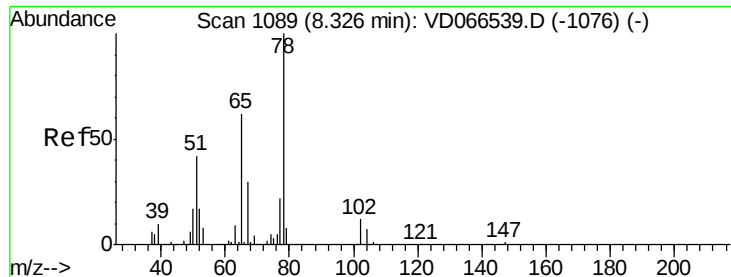
#32
1,1,1-Trichloroethane
Concen: 105.578 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 97 Resp: 776192
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 45.2 37.4 56.0



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

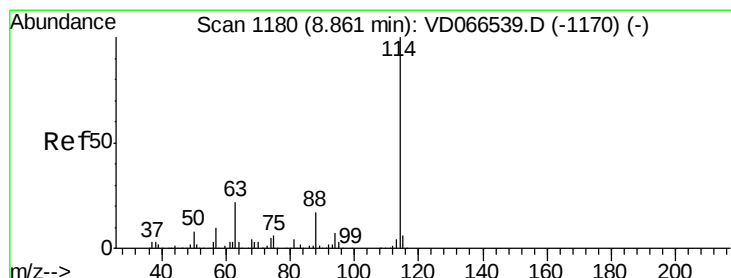
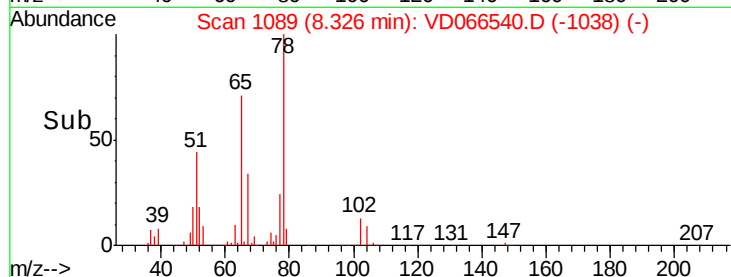
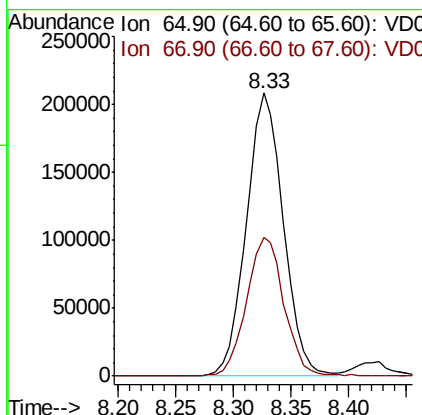
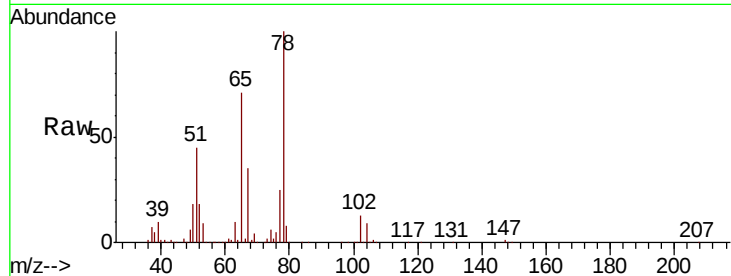




#33
 1,2-Dichloroethane-d4
 Concen: 112.058 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

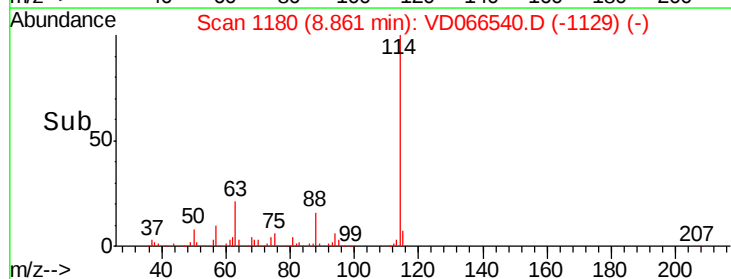
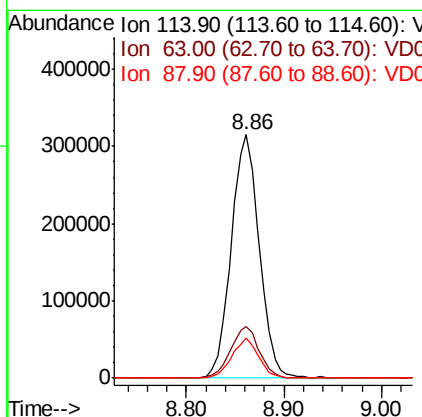
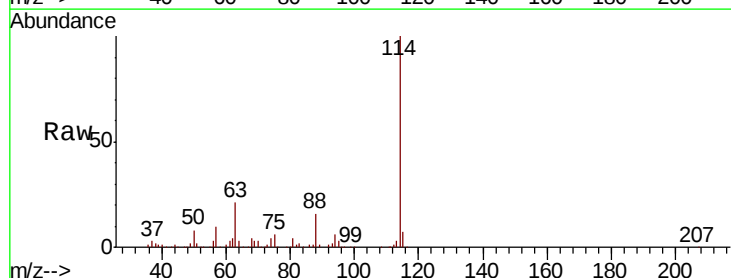
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

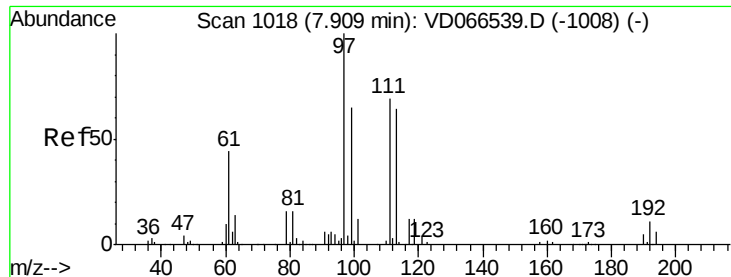
Tot Ion: 65 Resp: 465006
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 114 Resp: 628828
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.3 0.0 33.2

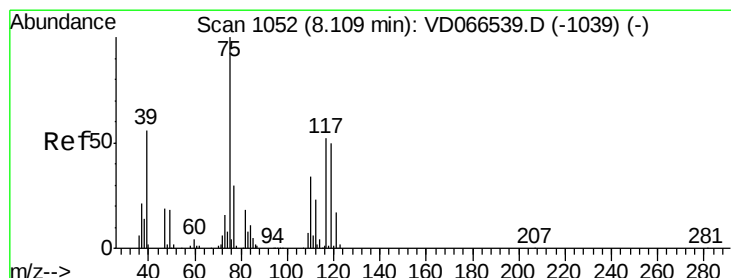
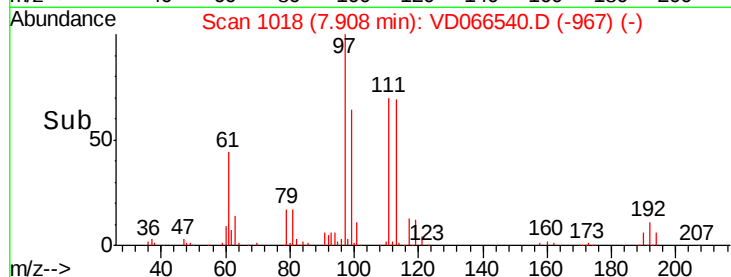
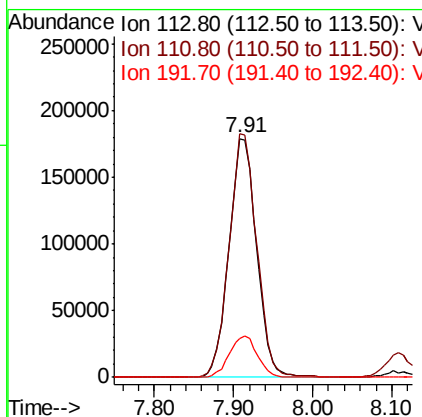
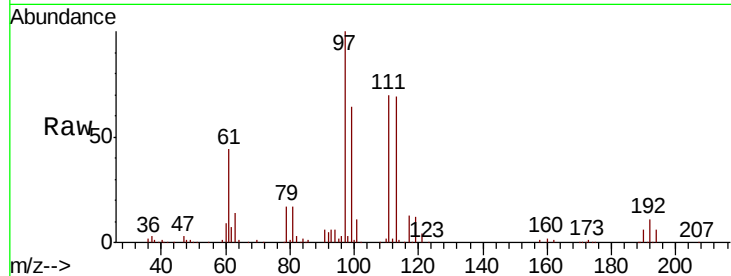




#35
 Dibromofluoromethane
 Concen: 114.579 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

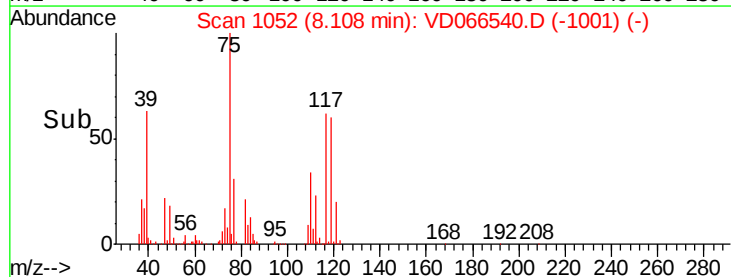
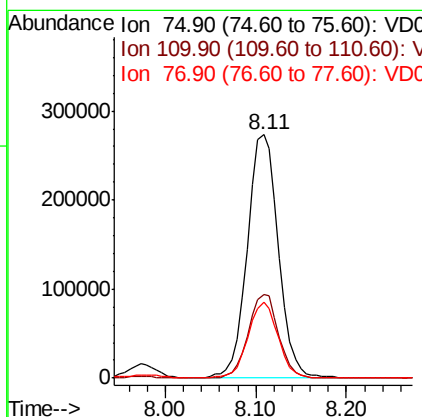
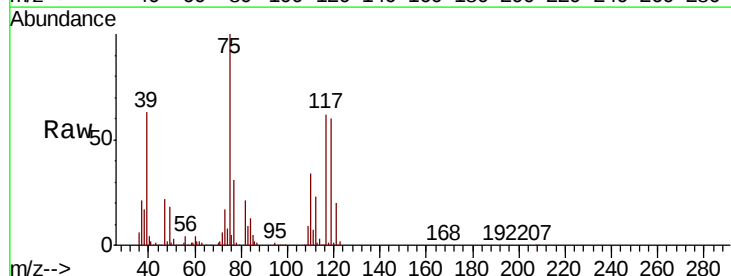
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

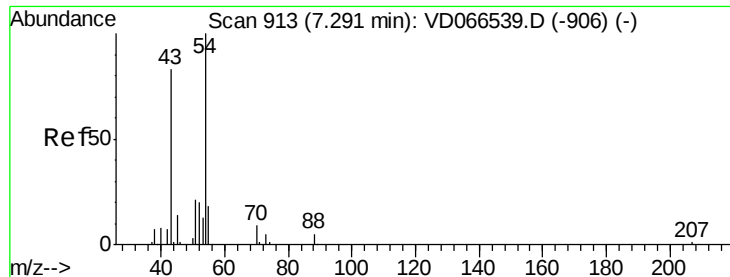
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.2	124.8
192	17.8	13.7	20.5



#36
 1,1-Dichloropropene
 Concen: 114.749 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.3	52.0
77	30.1	25.1	37.7

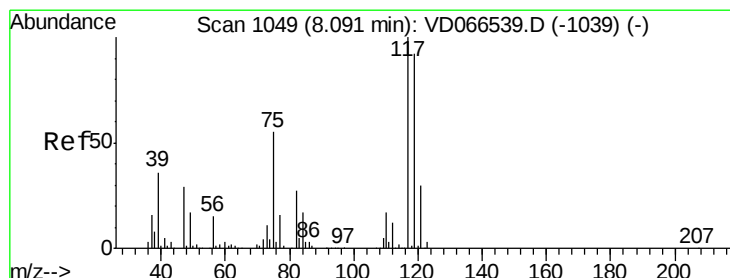
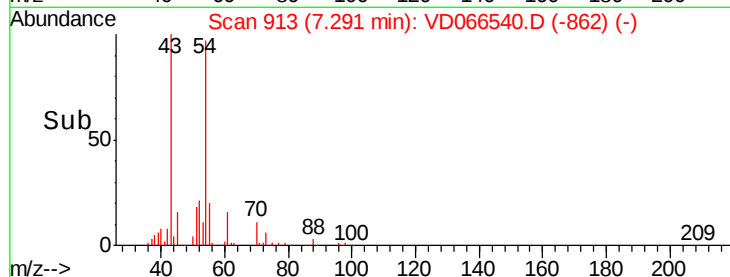
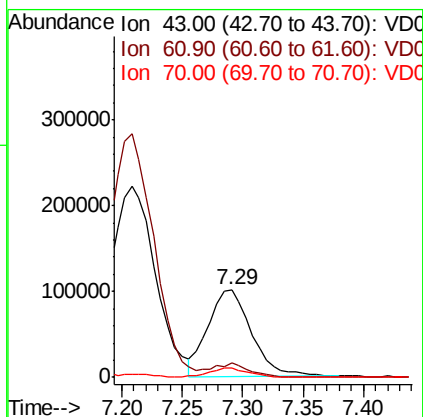
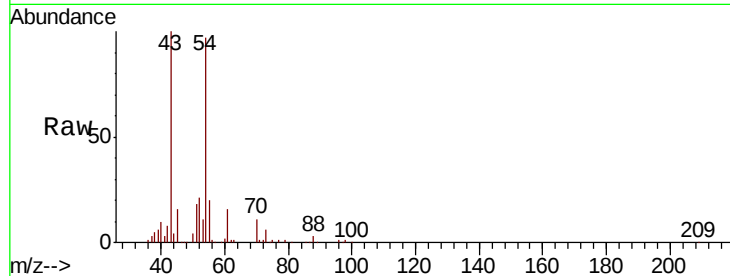




#37
Ethyl Acetate
Concen: 138.924 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

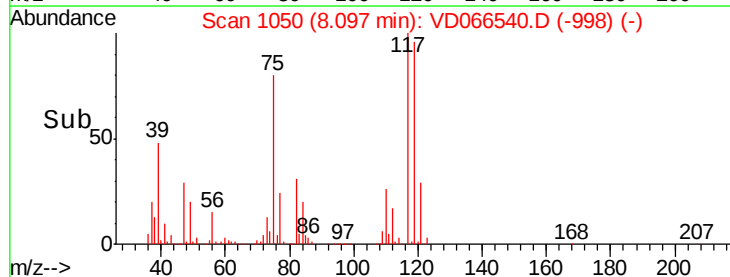
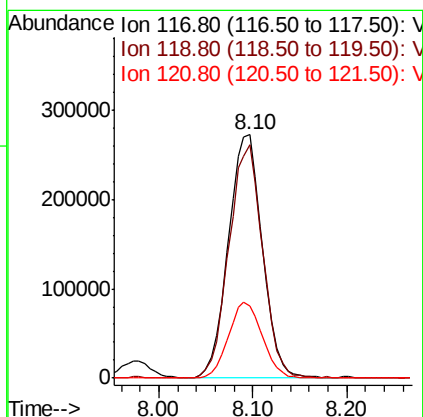
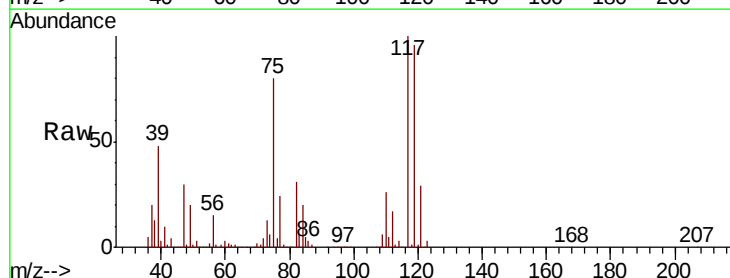
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

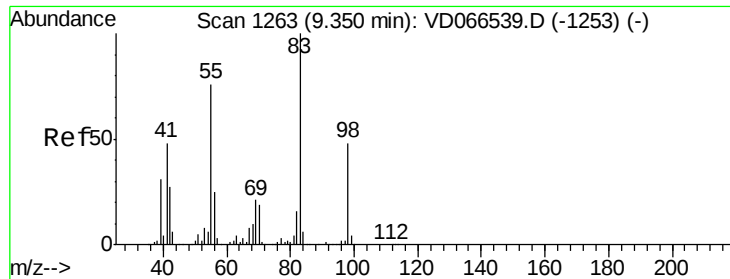
Tot Ion: 43 Resp: 251742
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.8
70 10.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 84.272 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 117 Resp: 679342
Ion Ratio Lower Upper
117 100
119 96.1 73.9 110.9
121 29.5 24.1 36.1

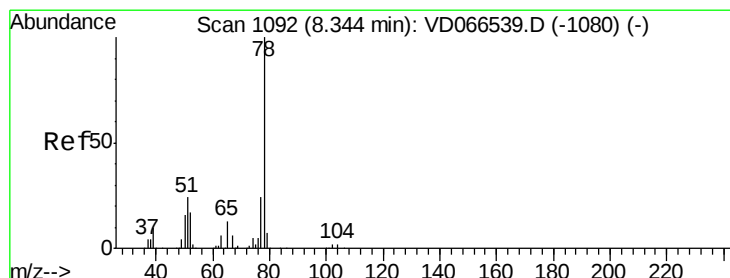
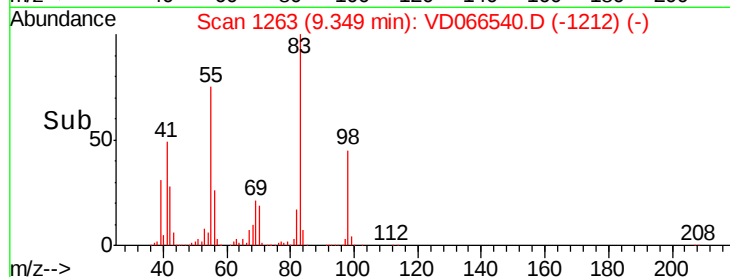
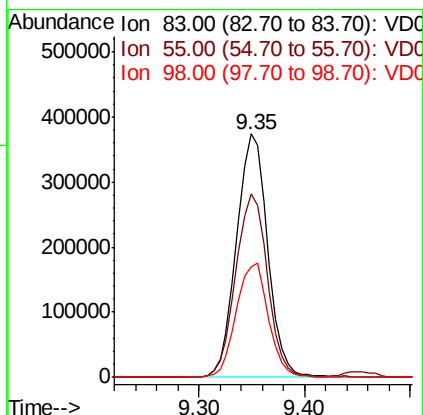
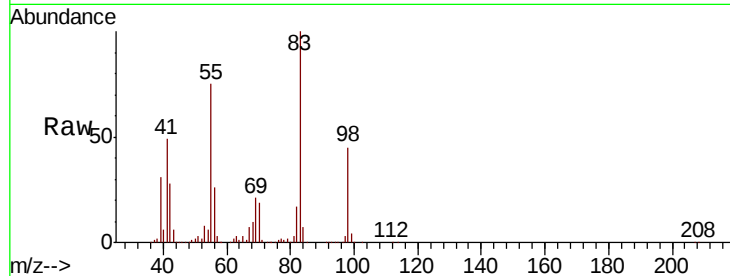




#39
Methvlcvclohexane
Concen: 116.042 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

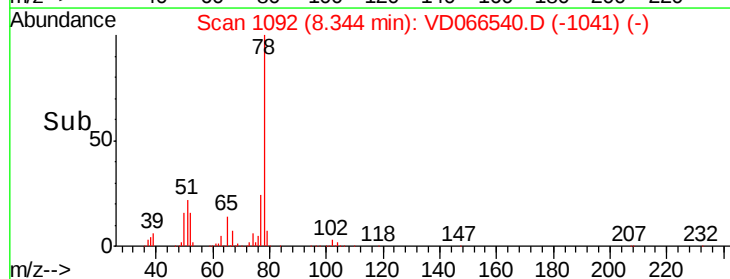
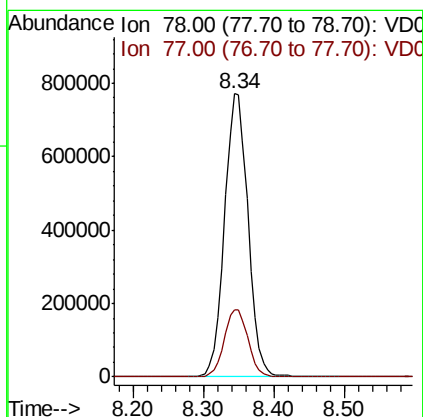
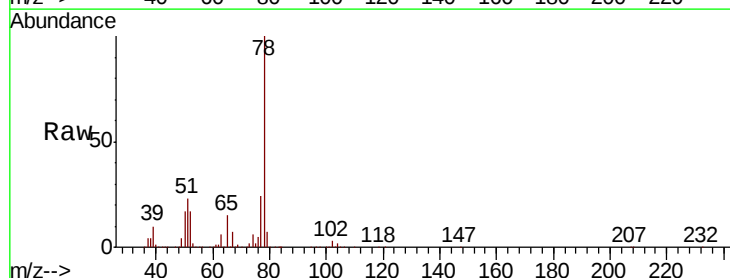
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

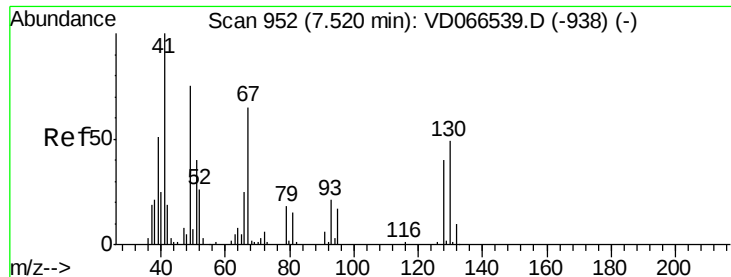
Tot Ion: 83 Resp: 767420
Ion Ratio Lower Upper
83 100
55 75.4 60.8 91.2
98 45.4 38.6 58.0



#40
Benzene
Concen: 121.127 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 78 Resp: 1777092
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

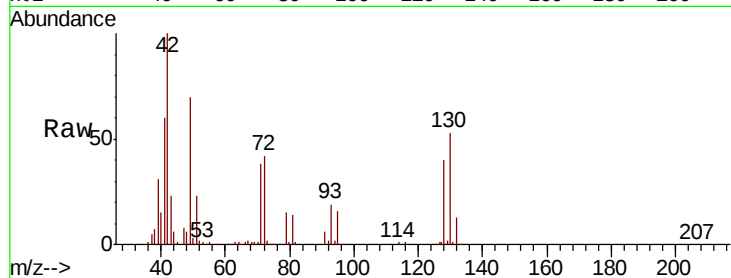




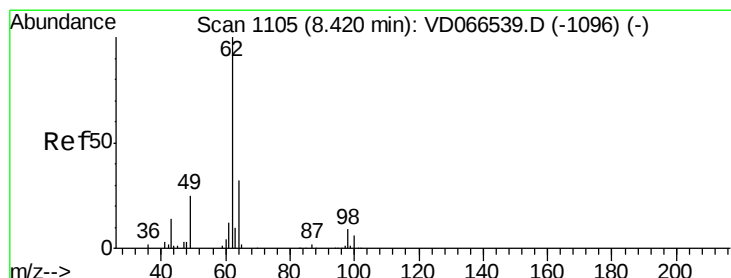
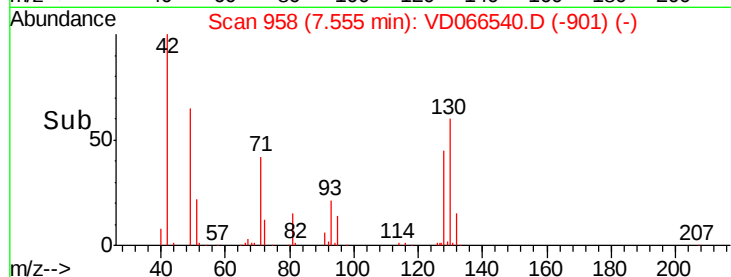
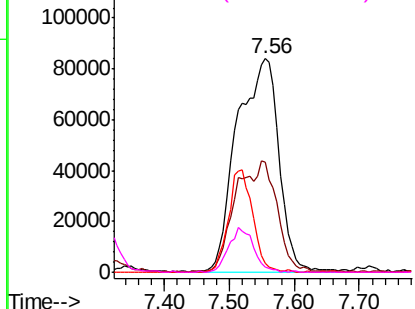
#41
Methacrylonitrile
Concen: 388.579 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 41 Resp: 374559
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#

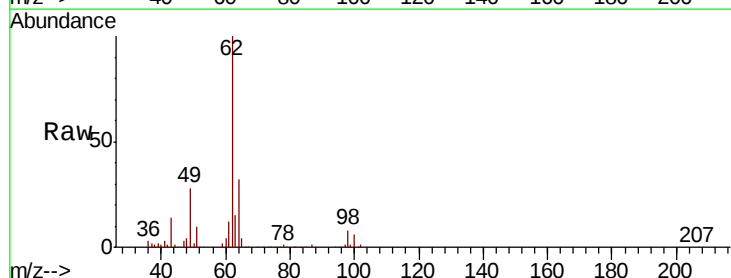


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

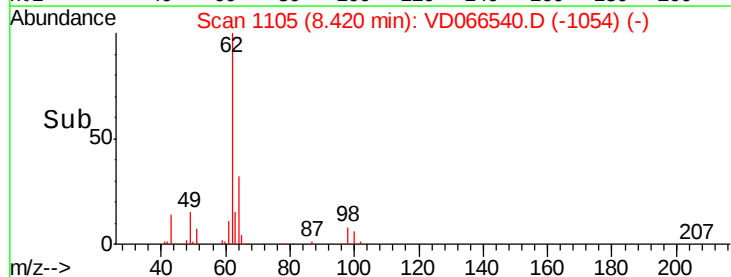
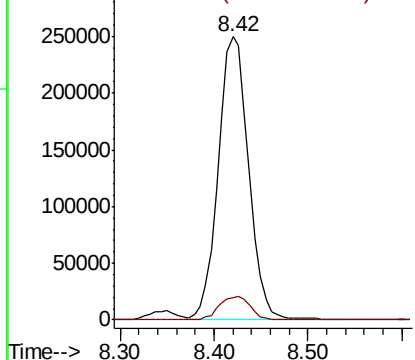


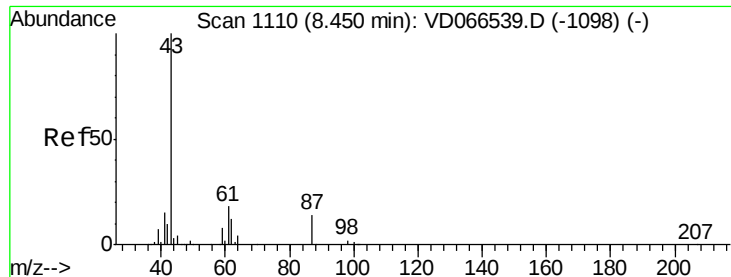
#42
1,2-Dichloroethane
Concen: 94.696 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 62 Resp: 560103
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 139.745 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

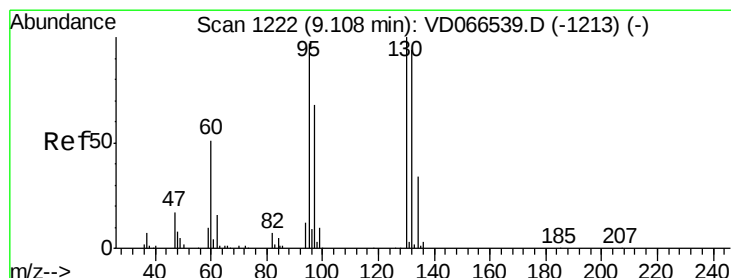
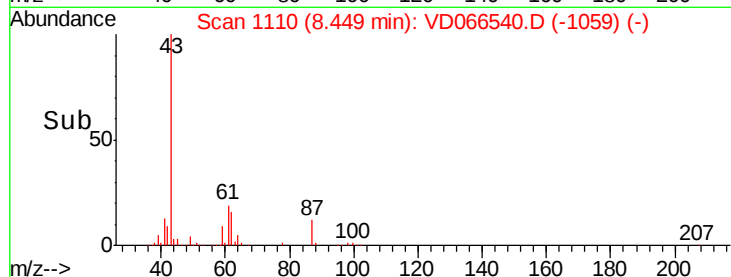
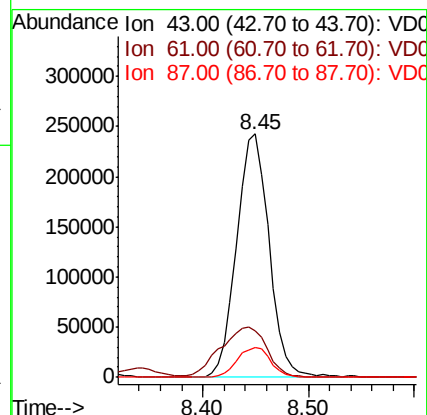
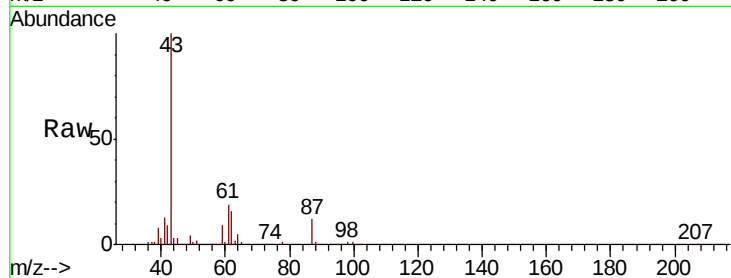
Tot Ion: 43 Resp: 516517

Ion Ratio Lower Upper

43 100

61 29.0 23.8 35.8

87 12.6 10.7 16.1



#44

Trichloroethene

Concen: 95.654 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066540.D

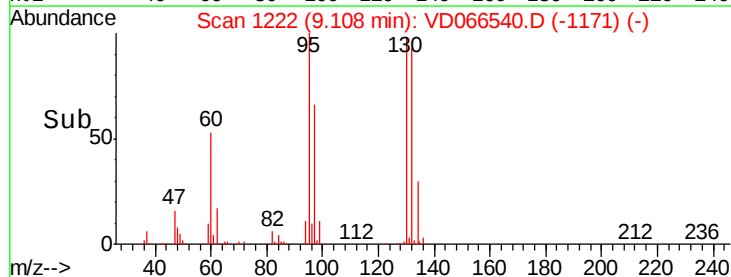
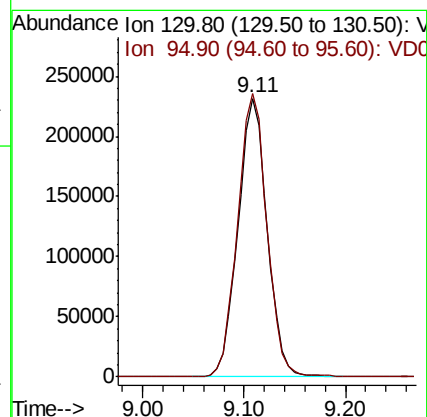
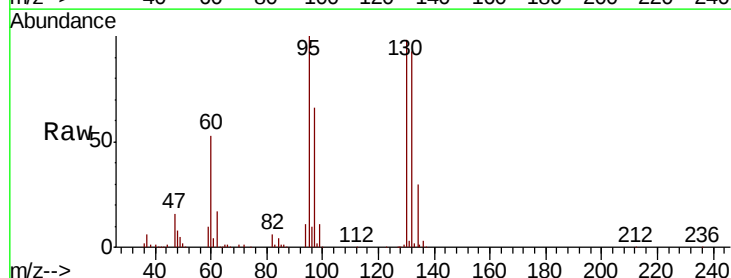
Acq: 03 Sep 2020 16:23

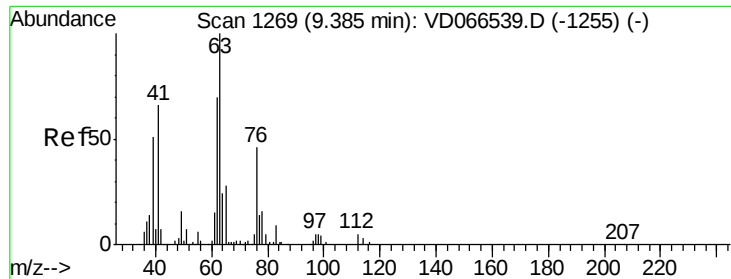
Tgt Ion:130 Resp: 461525

Ion Ratio Lower Upper

130 100

95 101.5 0.0 194.4

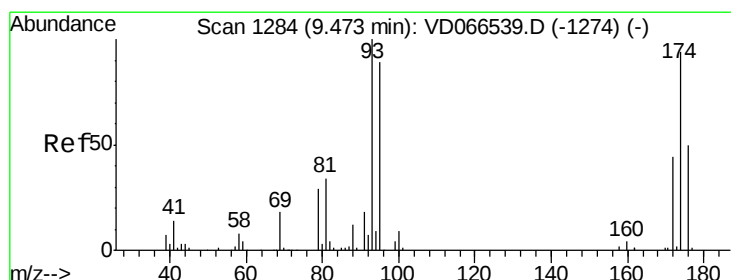
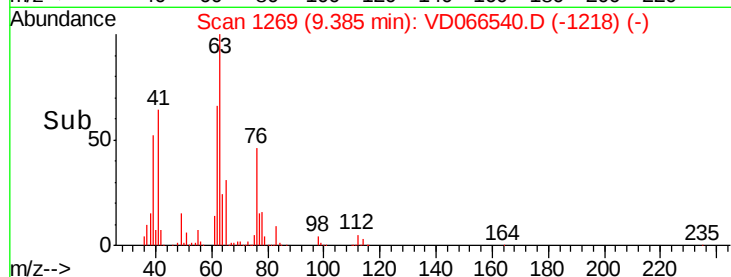
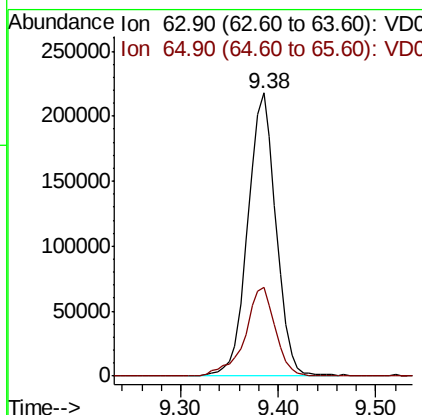
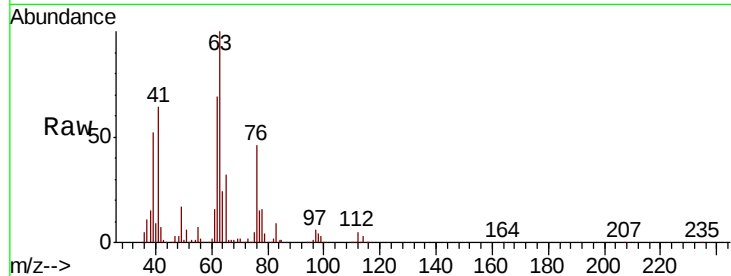




#45
 1,2-Dichloropropane
 Concen: 144.457 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

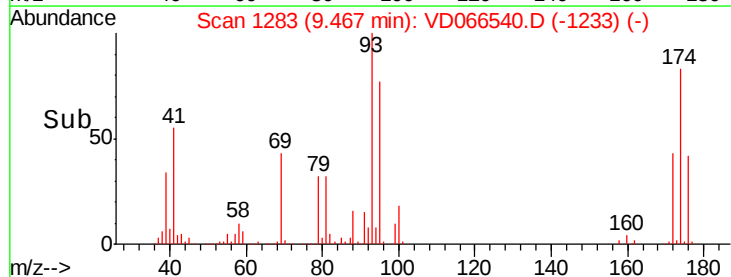
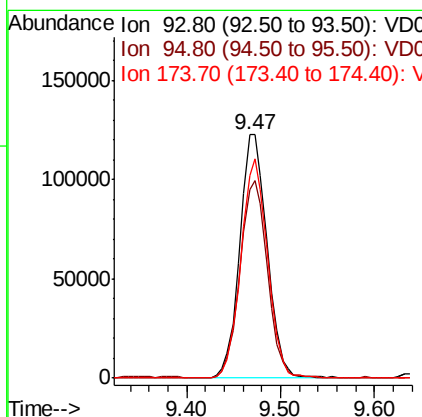
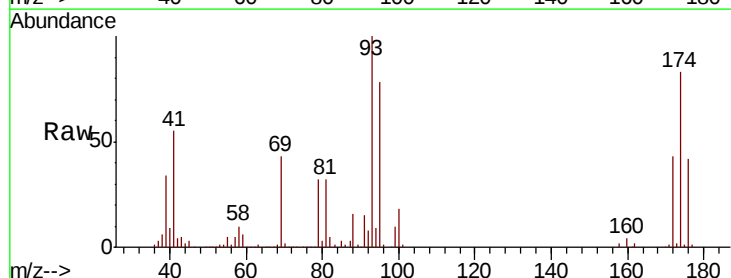
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

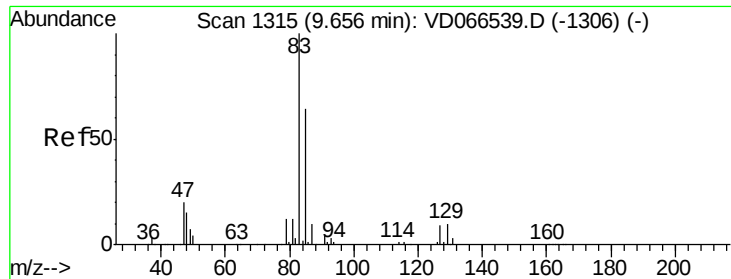
Tot Ion: 63 Resp: 443485
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.6 34.0



#46
 Dibromomethane
 Concen: 117.826 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 93 Resp: 248427
 Ion Ratio Lower Upper
 93 100
 95 81.2 68.7 103.1
 174 87.6 70.0 105.0





#47

Bromodichloromethane

Concen: 108.391 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

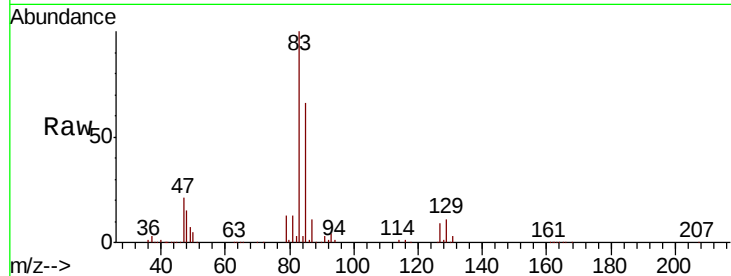
Tot Ion: 83 Resp: 668950

Ion Ratio Lower Upper

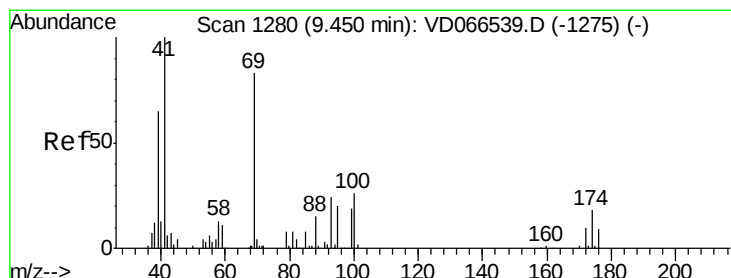
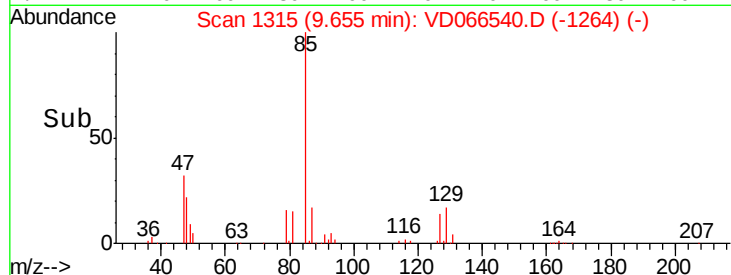
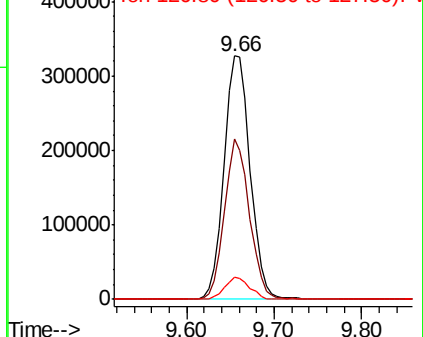
83 100

85 65.9 51.1 76.7

127 9.0 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: 145.534 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

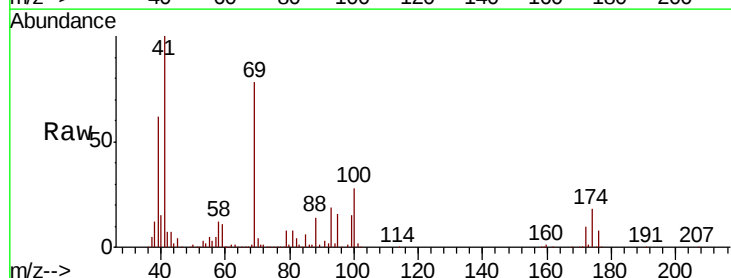
Tgt Ion: 41 Resp: 274499

Ion Ratio Lower Upper

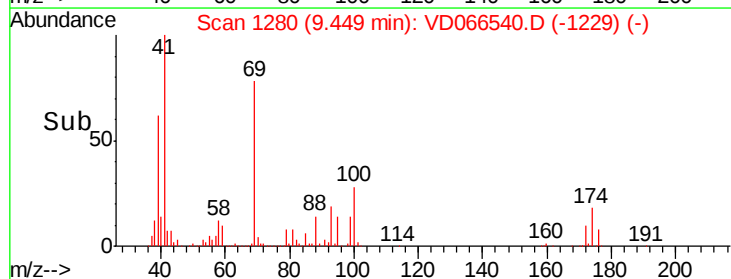
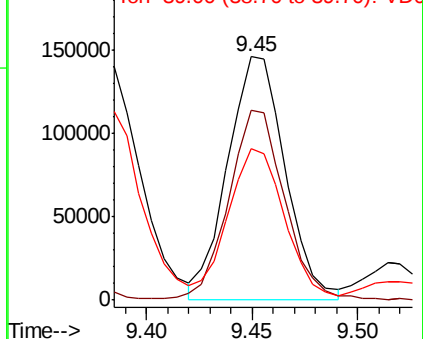
41 100

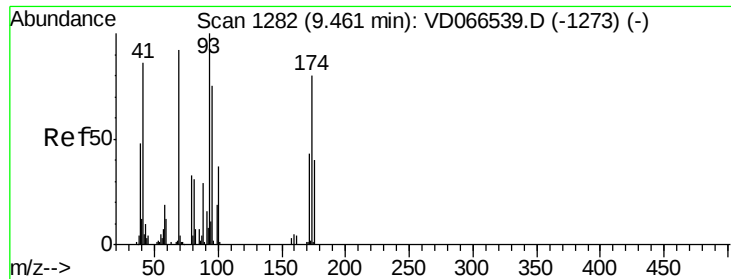
69 76.0 64.5 96.7

39 57.9 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

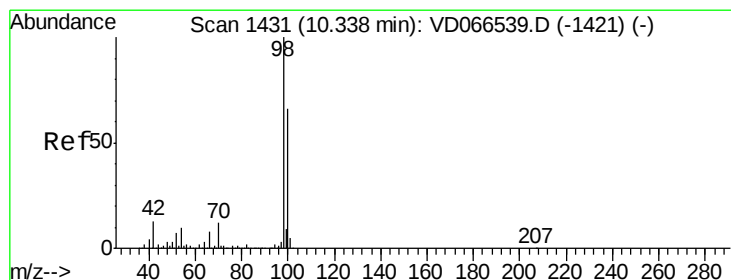
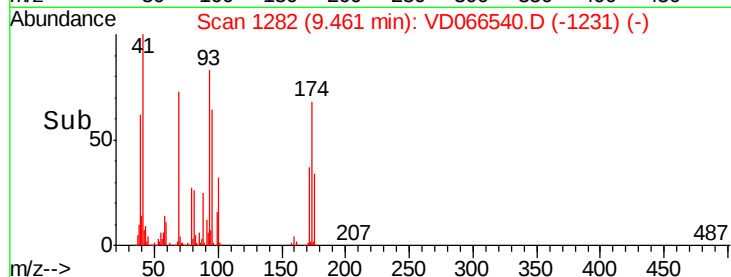
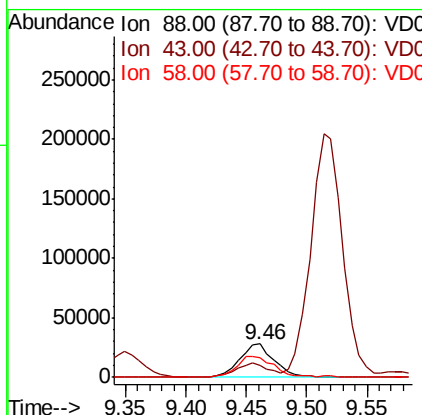
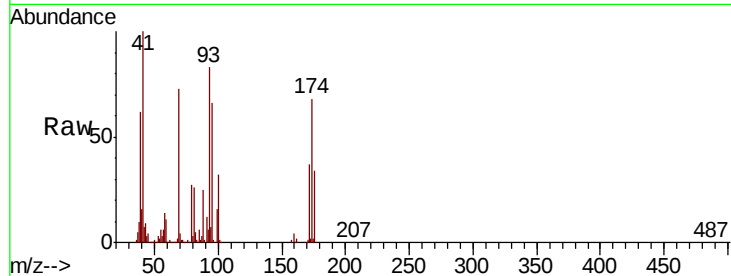




#49
1,4-Dioxane
Concen: 2306.184 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

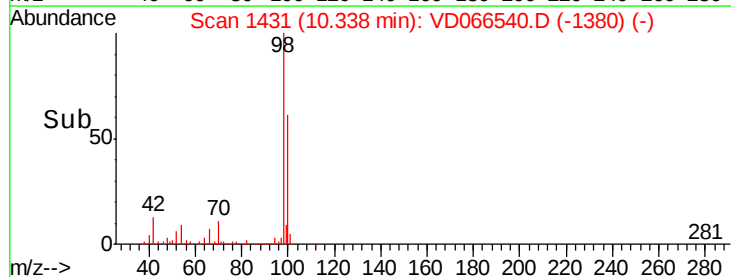
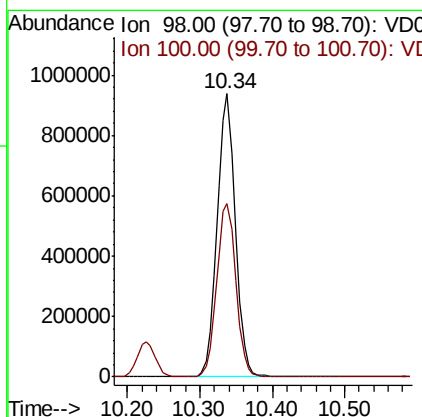
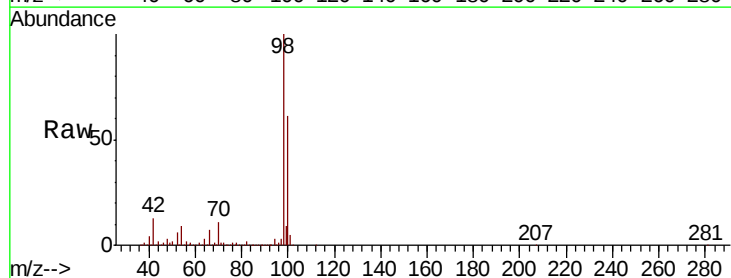
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

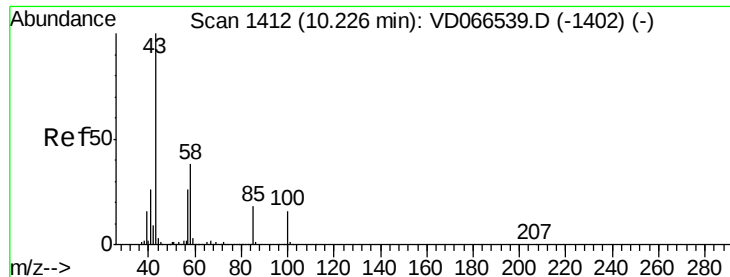
Tot Ion: 88 Resp: 56269
Ion Ratio Lower Upper
88 100
43 37.2 28.3 42.5
58 67.8 56.1 84.1



#50
Toluene-d8
Concen: 116.512 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 98 Resp: 1636271
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 762.175 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

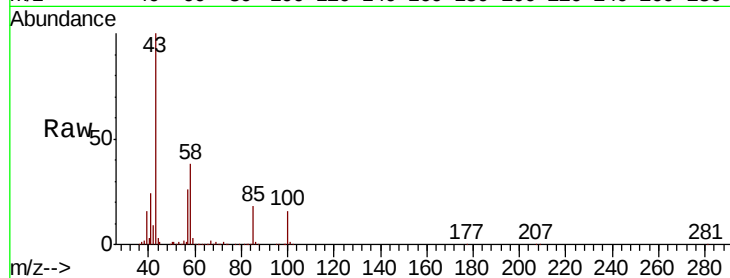
VSTDIC100

Tot Ion: 43 Resp: 1321412

Ion Ratio Lower Upper

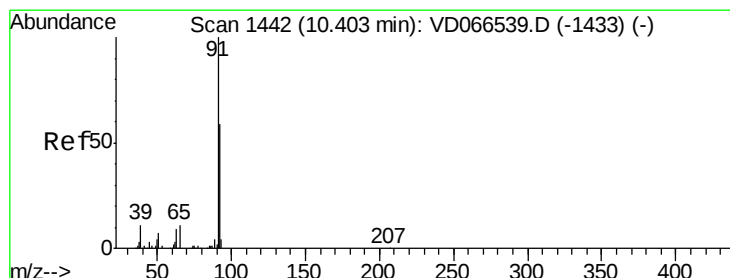
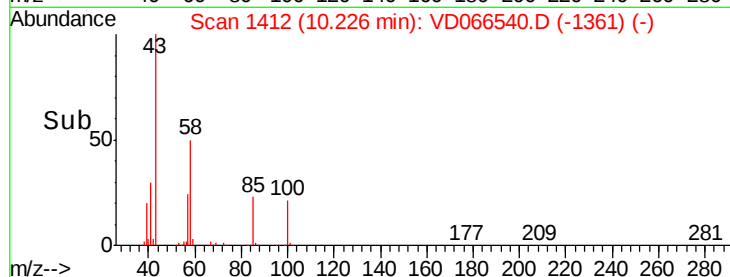
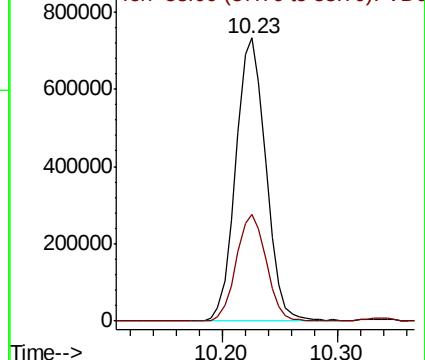
43 100

58 37.5 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 112.785 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066540.D

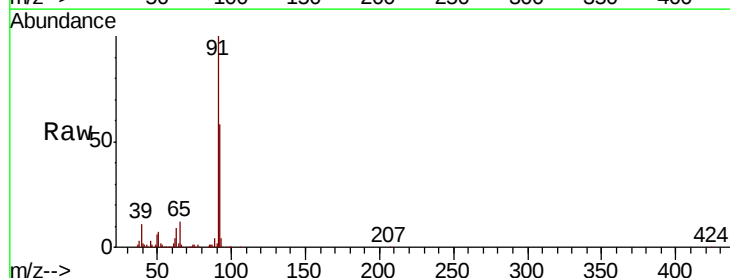
Acq: 03 Sep 2020 16:23

Tgt Ion: 92 Resp: 1154412

Ion Ratio Lower Upper

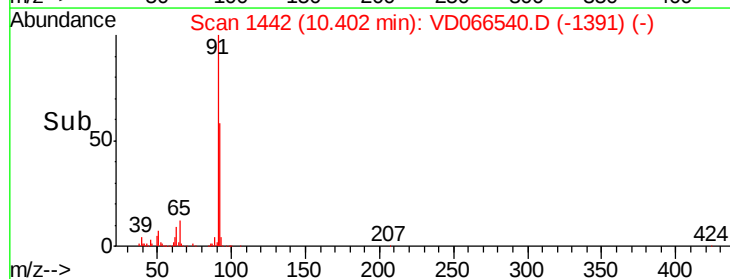
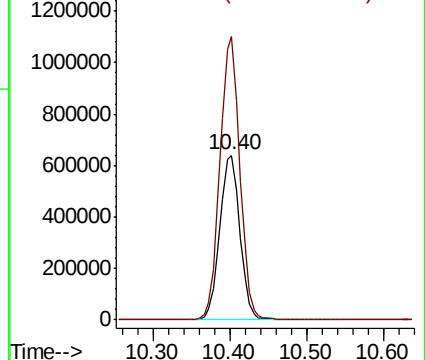
92 100

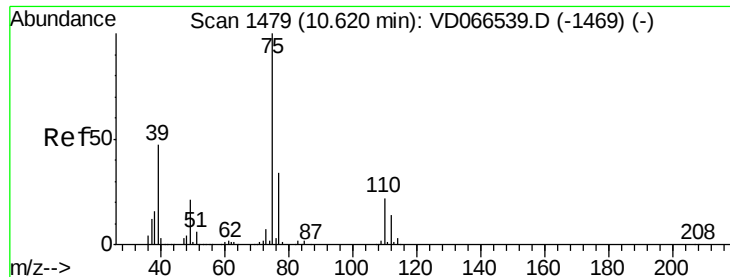
91 169.6 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 111.703 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

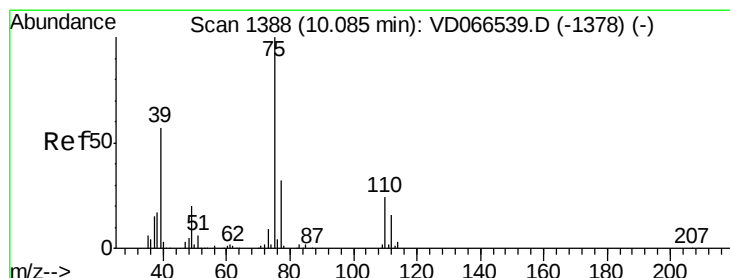
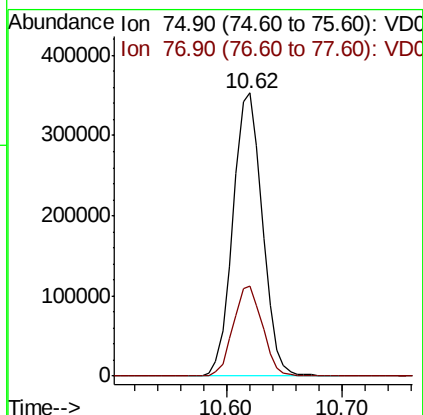
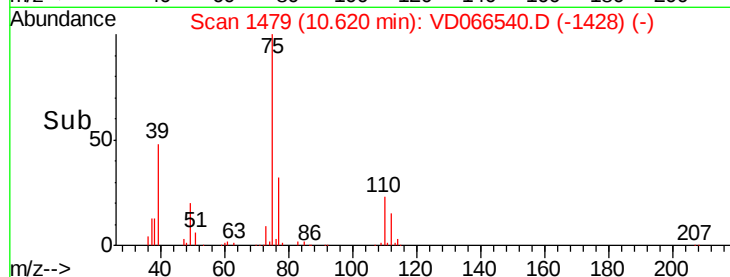
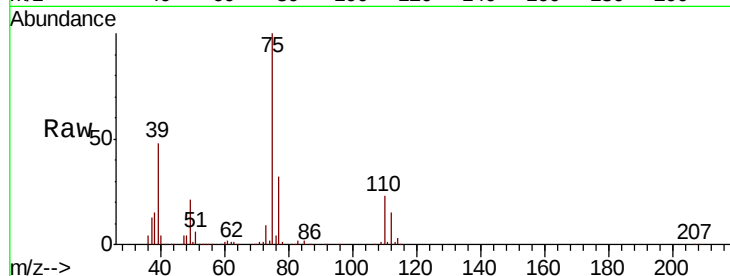
VSTDIC100

Tot Ion: 75 Resp: 625861

Ion Ratio Lower Upper

75 100

77 31.9 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 121.874 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

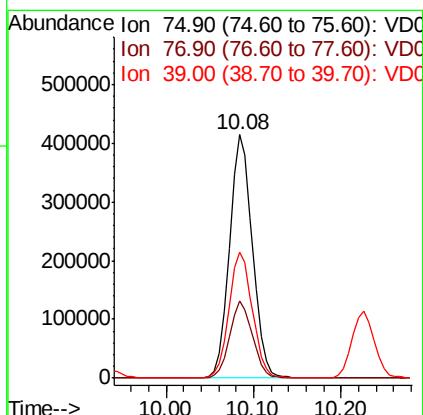
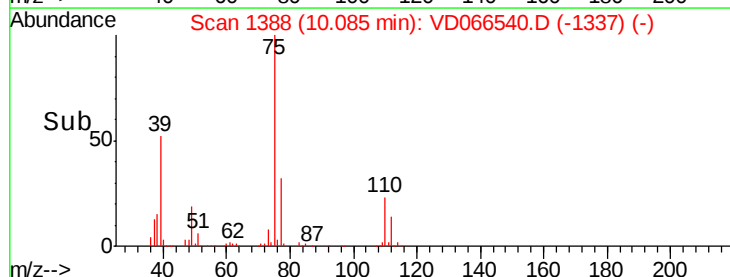
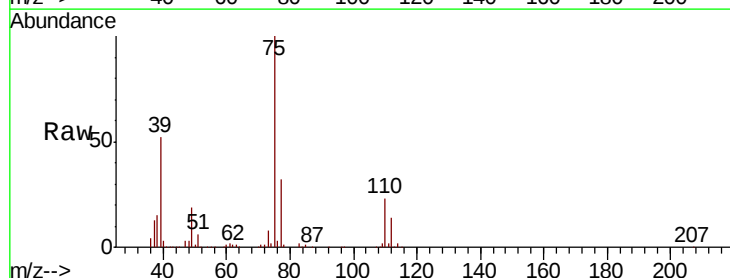
Tgt Ion: 75 Resp: 737083

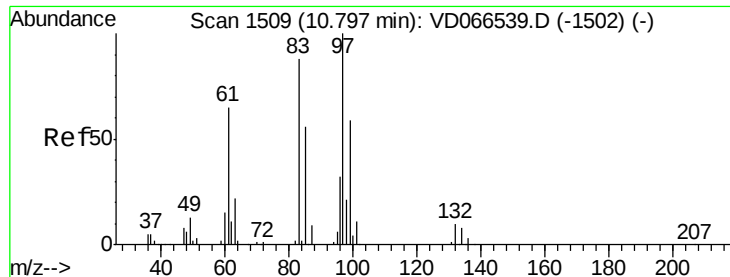
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 51.5 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 120.696 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 322159

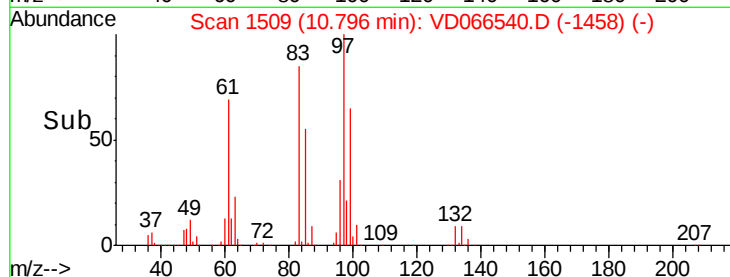
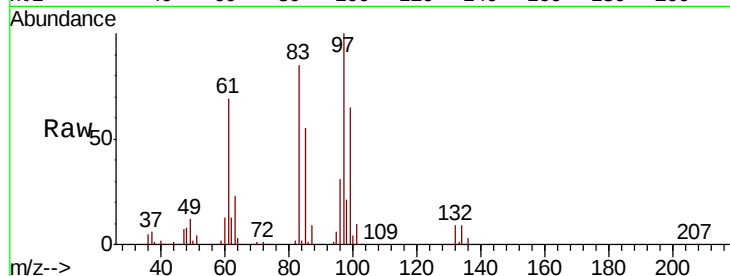
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.1	105.1
85	55.1	44.5	66.7
99	64.8	47.1	70.7

97 100

83 85.4 70.1 105.1

85 55.1 44.5 66.7

99 64.8 47.1 70.7



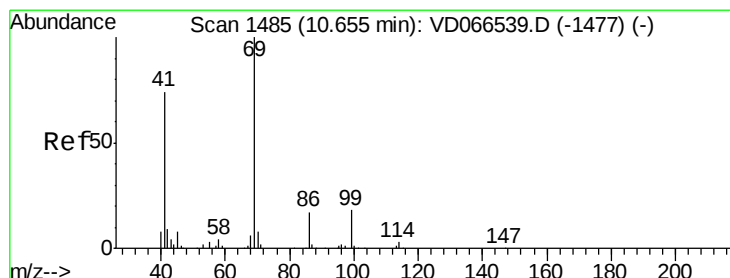
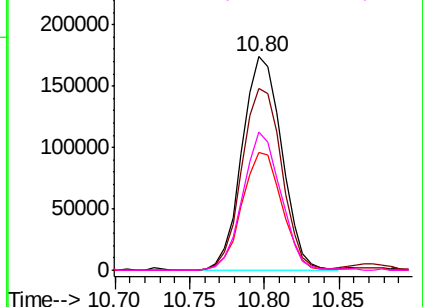
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 130.310 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

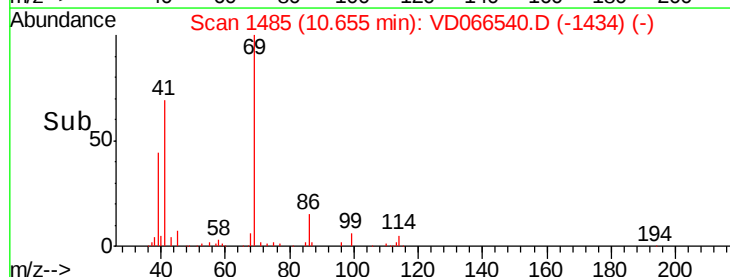
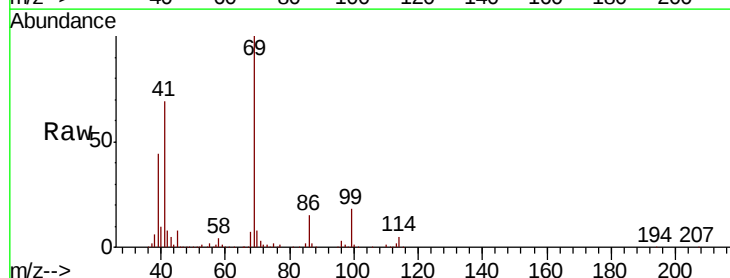
Tgt Ion: 69 Resp: 414923

Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.8	85.2
39	37.5	30.6	46.0

69 100

41 69.6 56.8 85.2

39 37.5 30.6 46.0

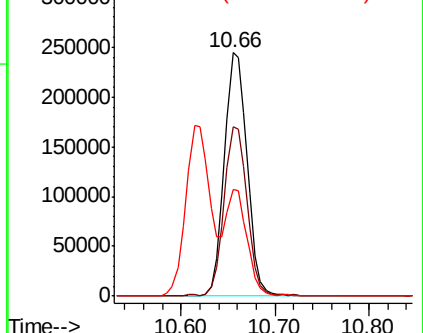


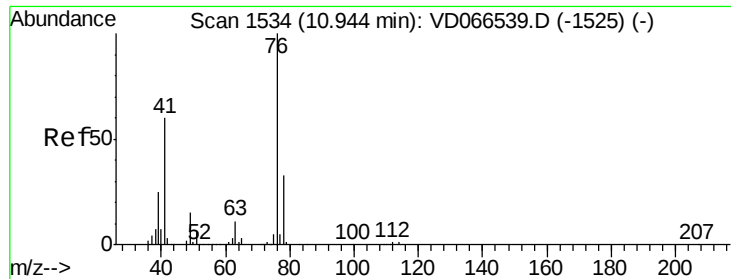
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

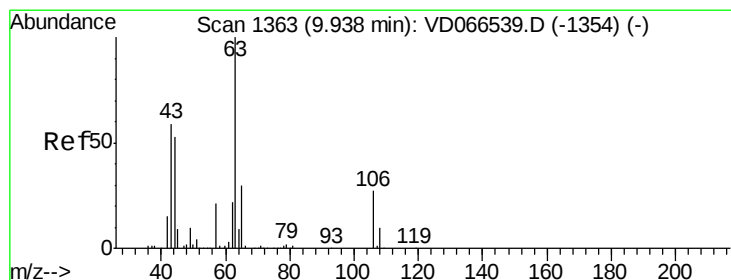
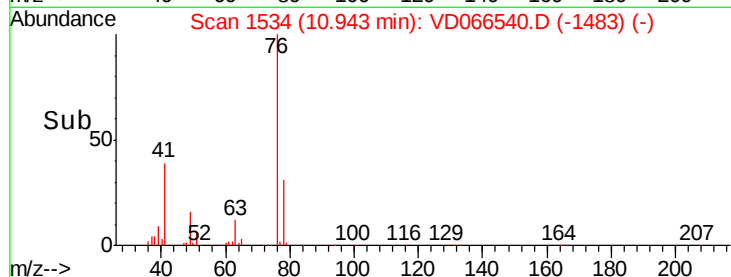
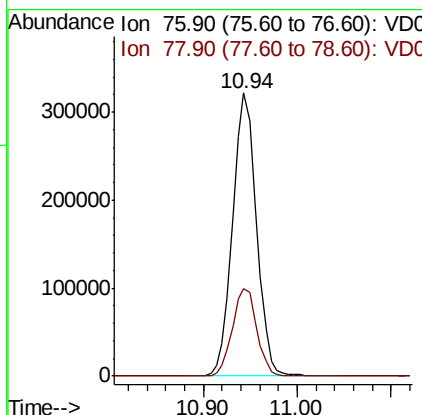
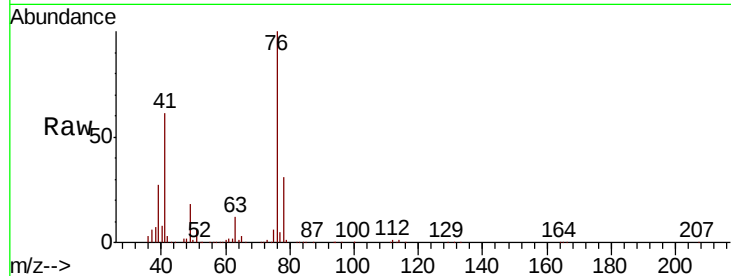




#57
 1,3-Dichloropropane
 Concen: 126.432 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

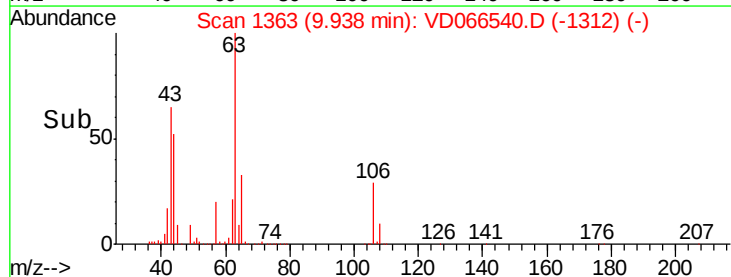
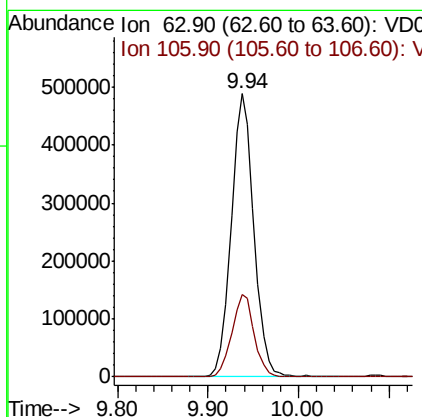
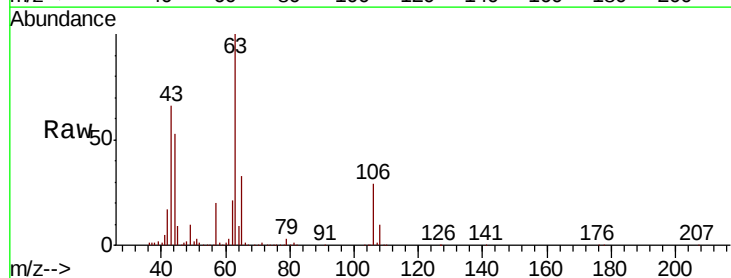
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

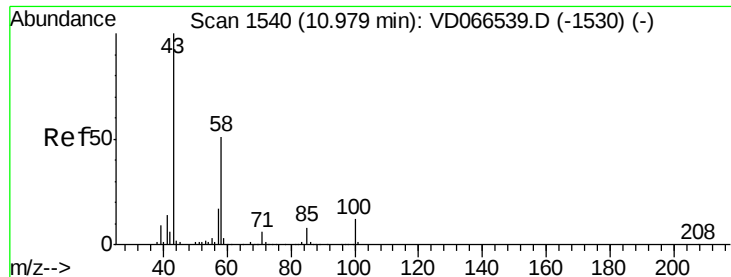
Tot Ion: 76 Resp: 566349
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 660.230 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 63 Resp: 846644
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.0 33.0

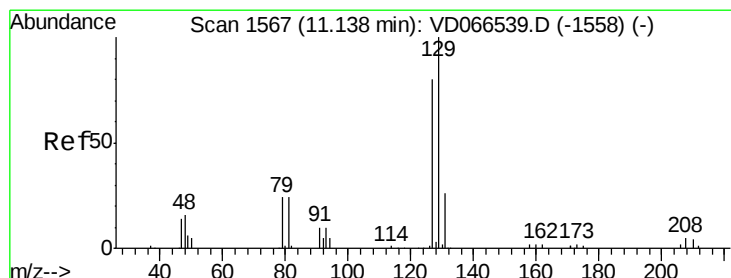
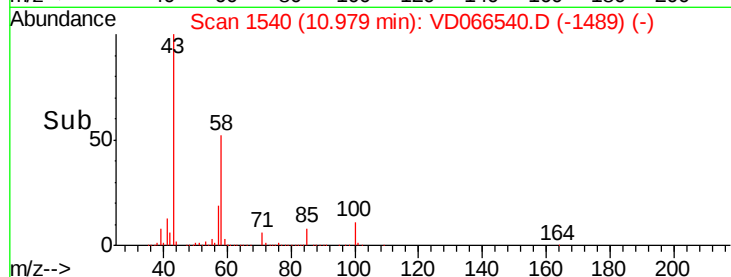
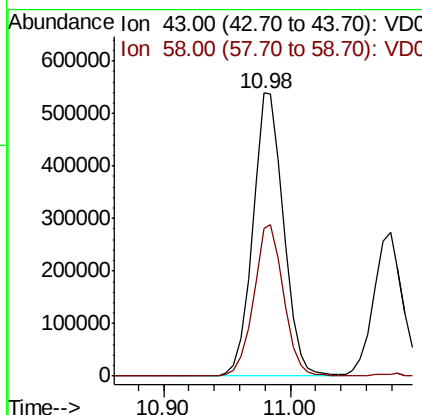
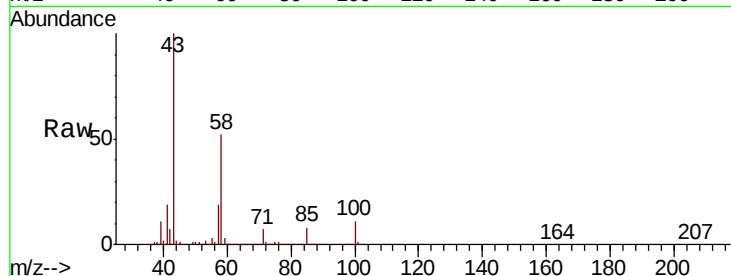




#59
2-Hexanone
Concen: 731.820 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

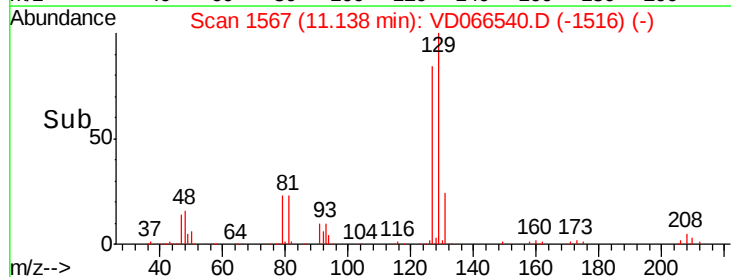
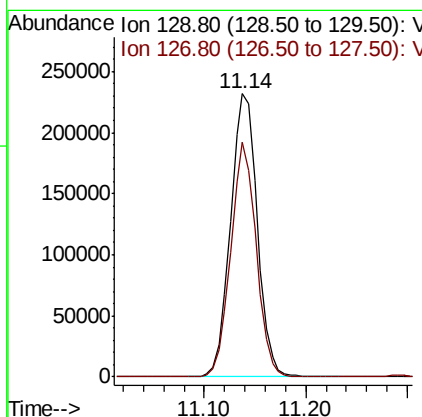
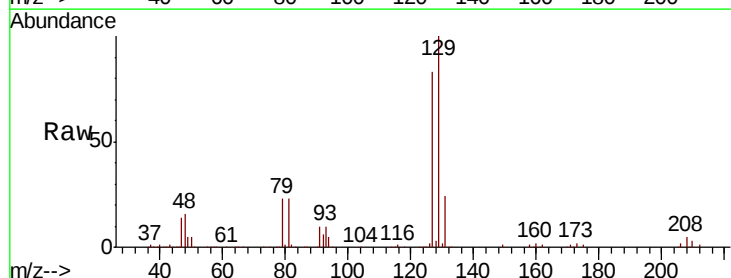
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

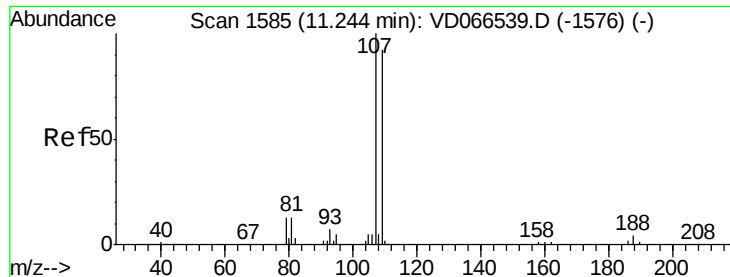
Tot Ion: 43 Resp: 910222
Ion Ratio Lower Upper
43 100
58 52.0 25.6 76.8



#60
Dibromochloromethane
Concen: 99.682 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion: 129 Resp: 424019
Ion Ratio Lower Upper
129 100
127 79.1 39.5 118.3

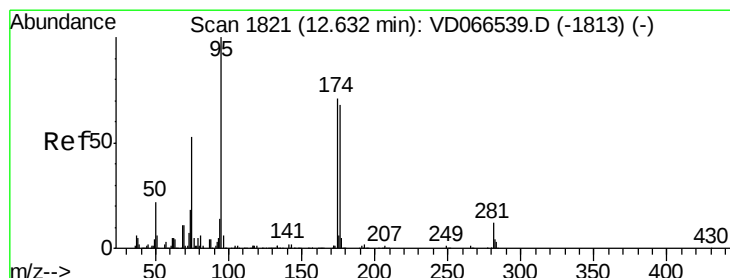
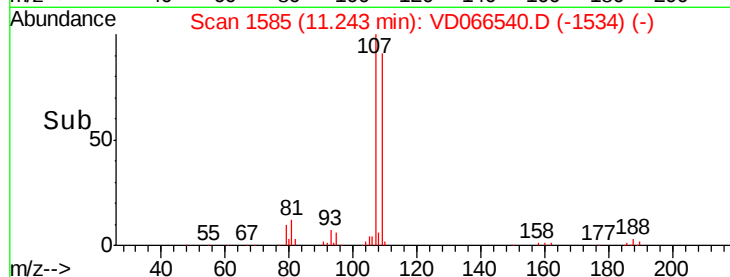
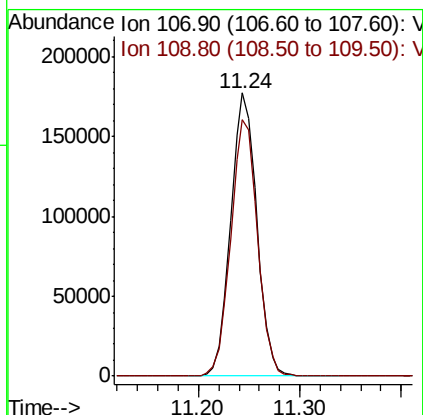
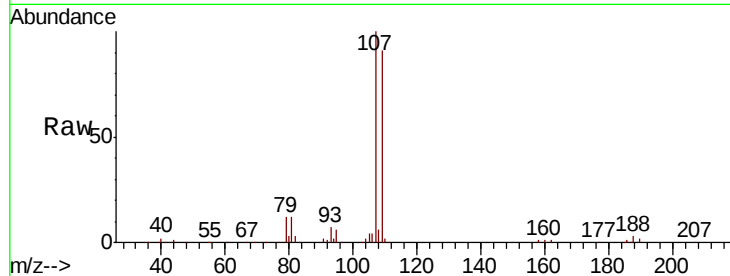




#61
 1,2-Dibromoethane
 Concen: 116.080 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

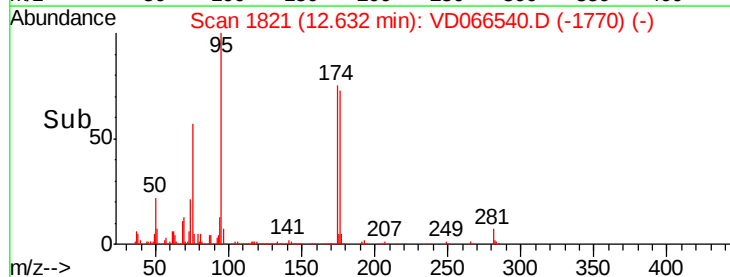
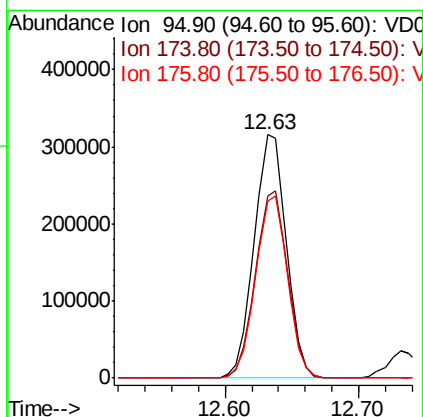
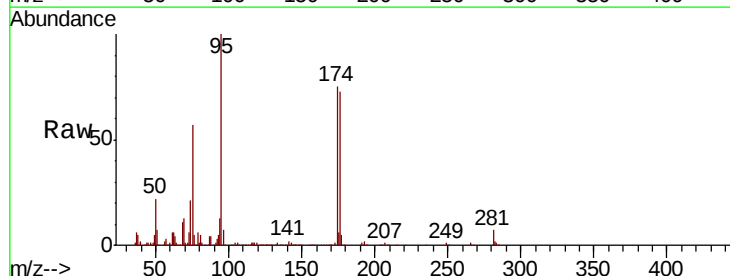
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

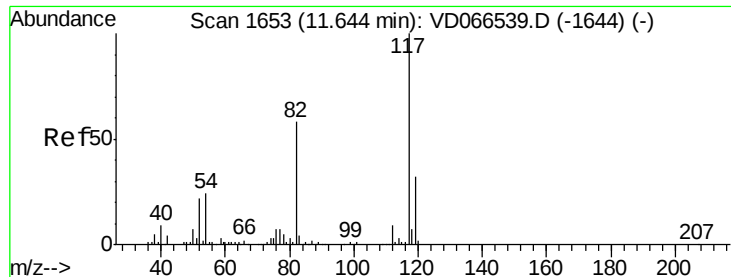
Tot Ion:107 Resp: 316305
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 105.377 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 95 Resp: 526603
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 155.8
 176 74.1 0.0 148.6

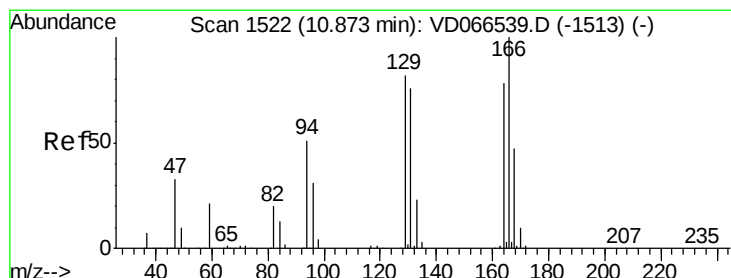
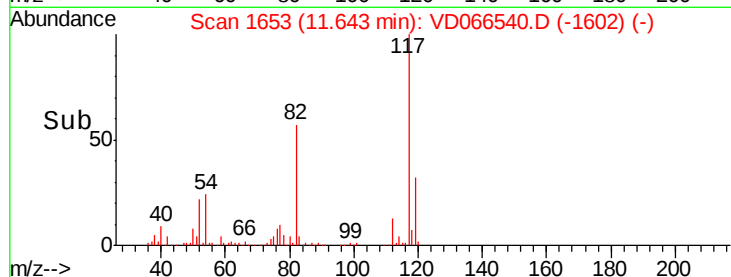
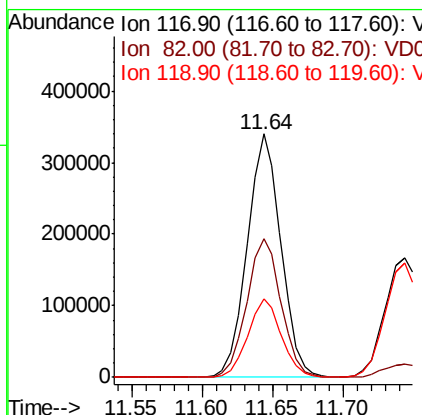
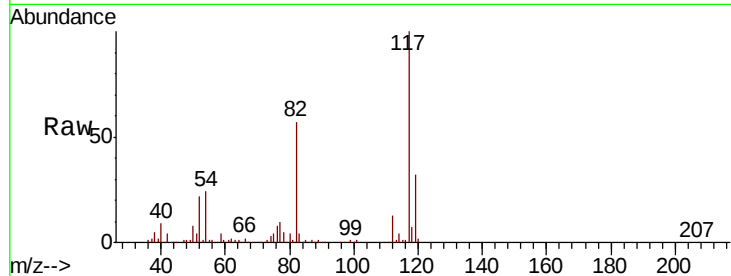




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

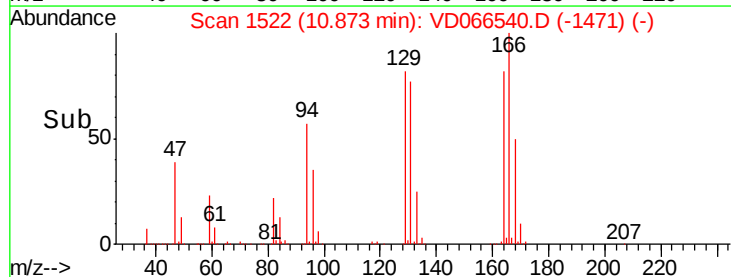
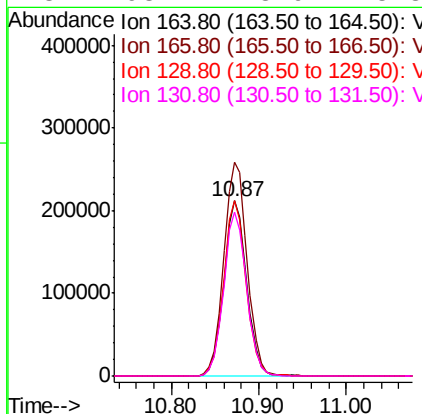
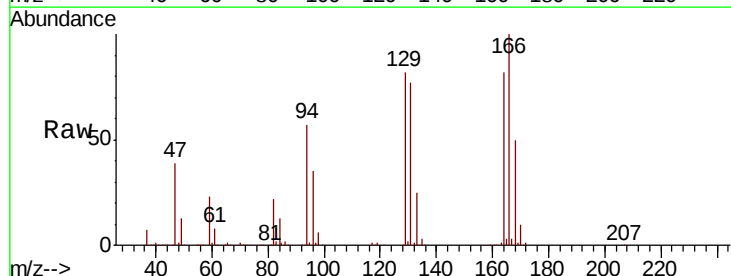
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

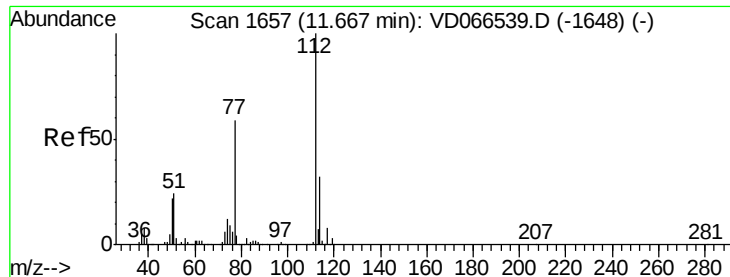
Tot Ion:117 Resp: 568326
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.2
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 87.953 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion:164 Resp: 378407
Ion Ratio Lower Upper
164 100
166 121.8 103.2 154.8
129 100.2 84.5 126.7
131 93.2 78.9 118.3





#65

Chlorobenzene

Concen: 105.194 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

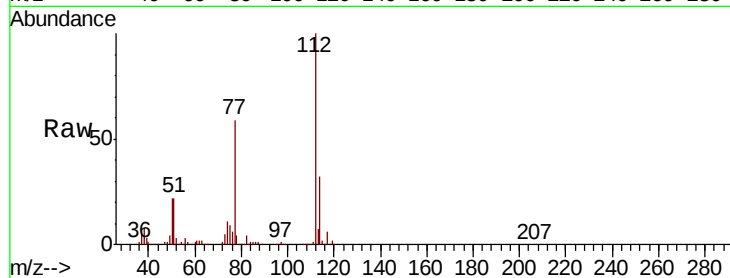
VSTDIC100

Tot Ion:112 Resp: 1174451

Ion Ratio Lower Upper

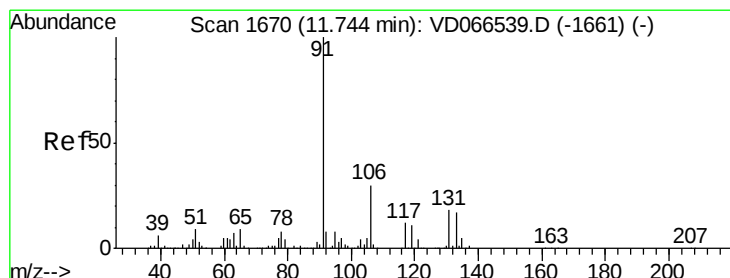
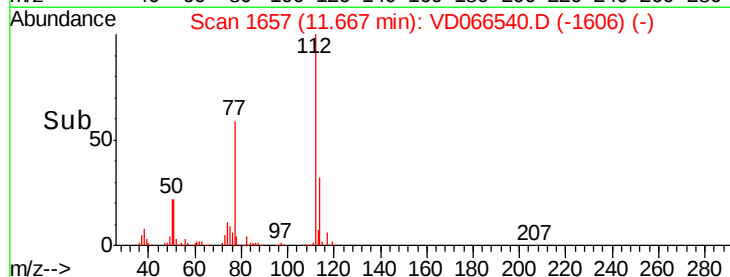
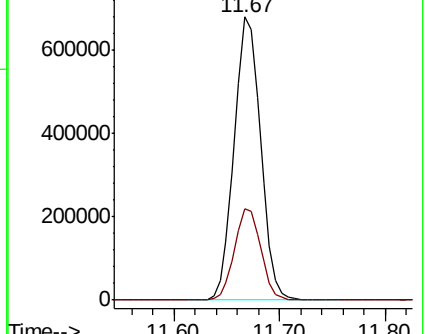
112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 95.148 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

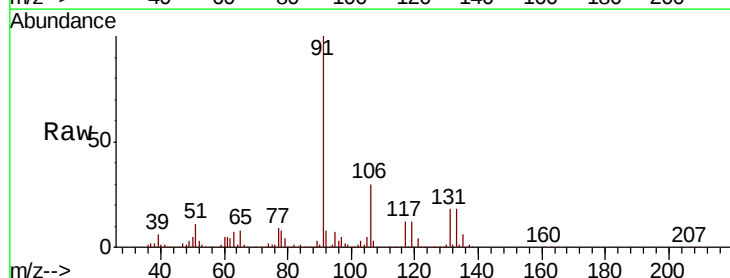
Tgt Ion:131 Resp: 442485

Ion Ratio Lower Upper

131 100

133 95.4 46.7 140.0

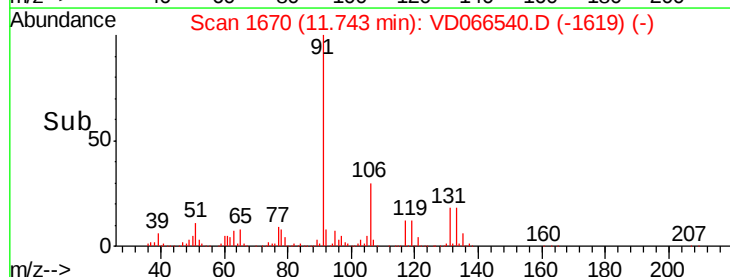
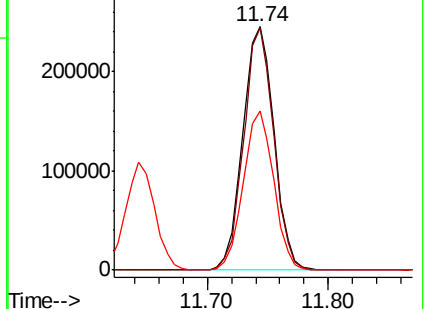
119 63.8 31.9 95.7

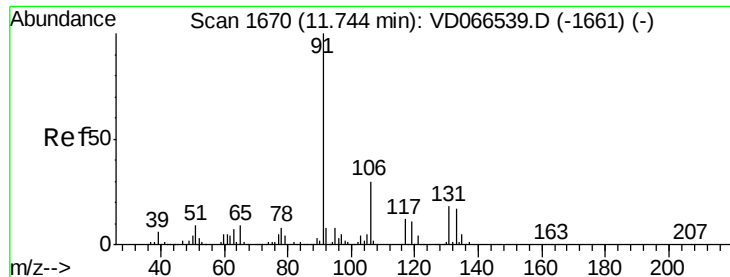


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 112.987 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

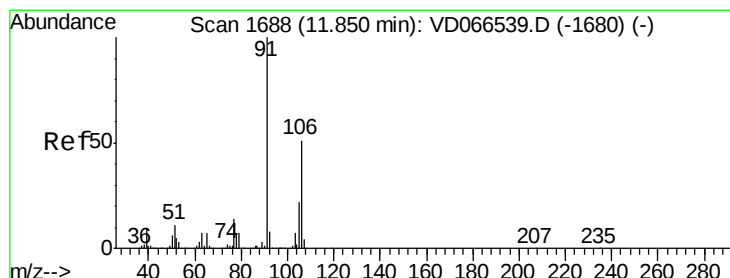
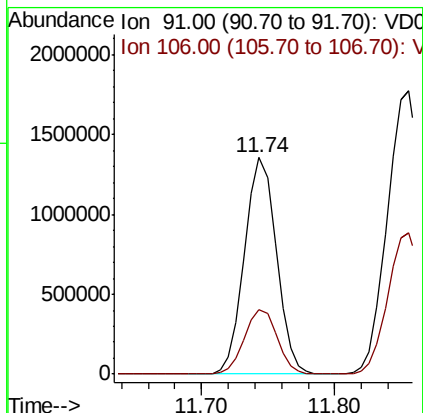
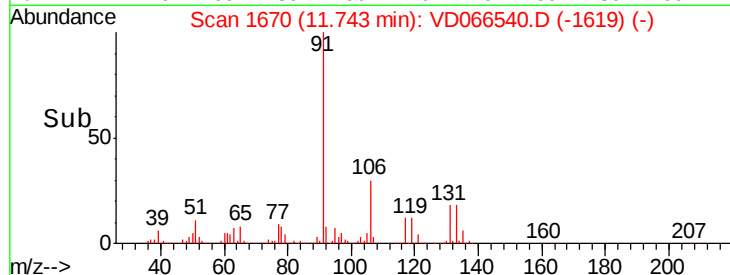
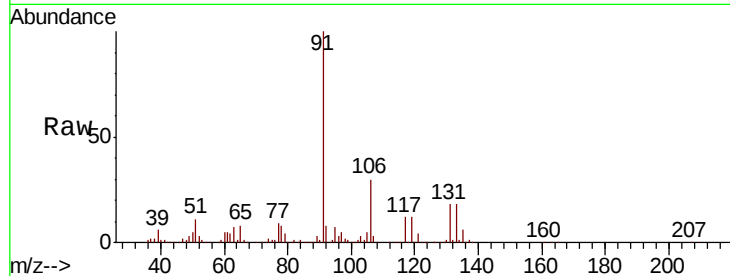
VSTDIC100

Tot Ion: 91 Resp: 2246080

Ion Ratio Lower Upper

91 100

106 29.7 24.3 36.5



#68

m/p-Xylenes

Concen: 218.074 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066540.D

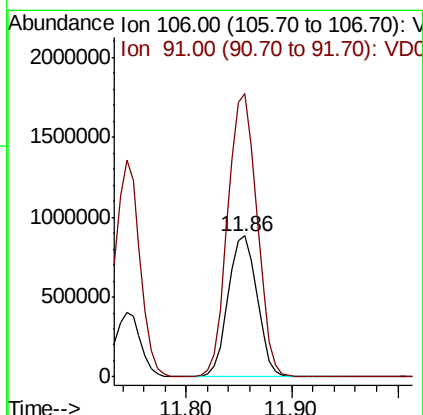
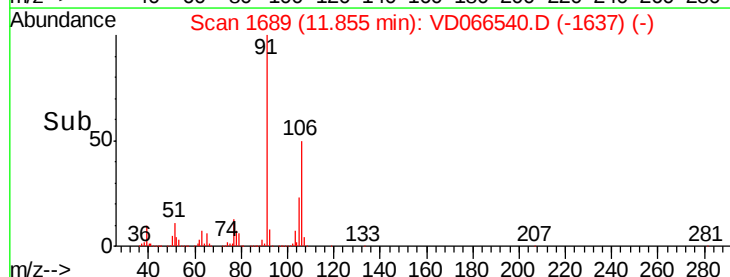
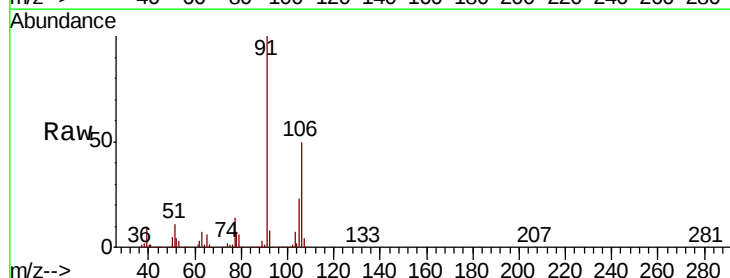
Acq: 03 Sep 2020 16:23

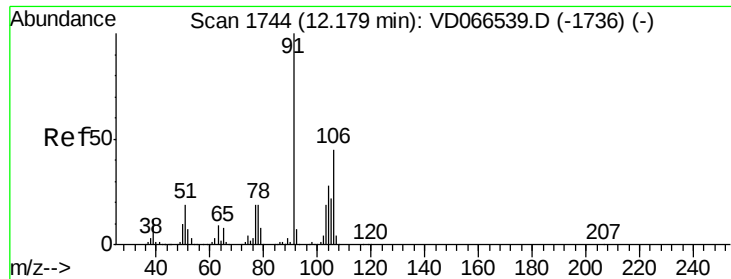
Tgt Ion: 106 Resp: 1674453

Ion Ratio Lower Upper

106 100

91 202.9 162.4 243.6

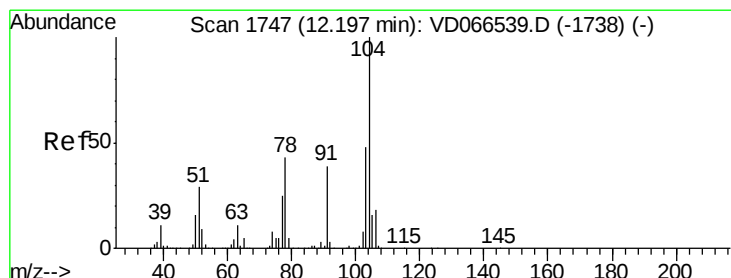
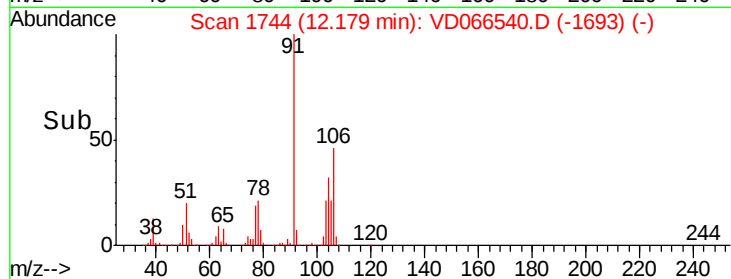
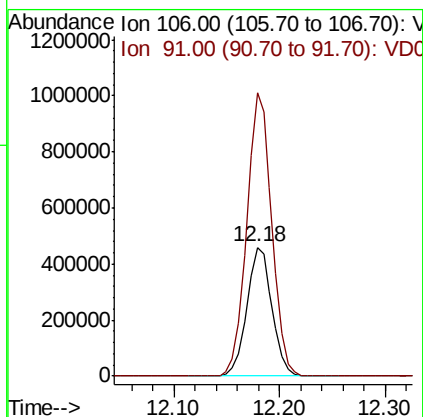
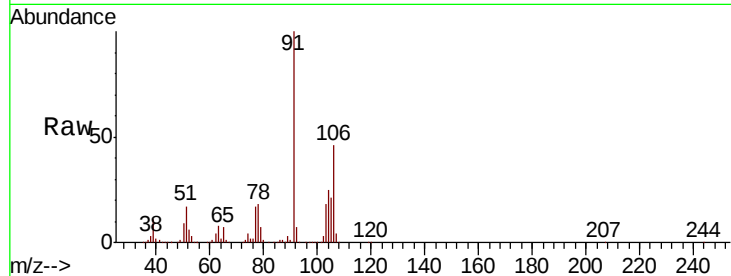




#69
o-Xylene
Concen: 104.374 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

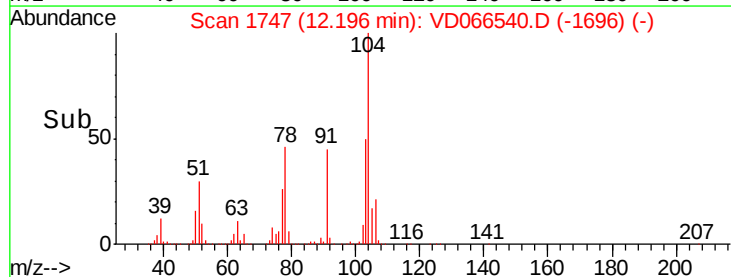
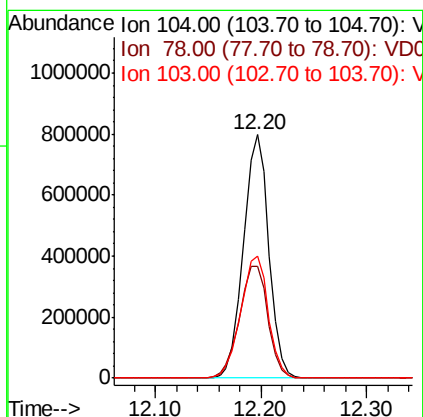
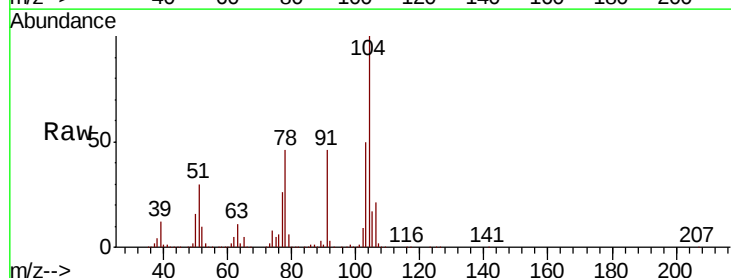
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

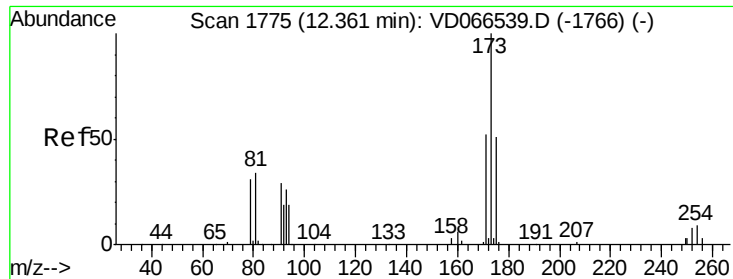
Tot Ion:106 Resp: 754377
Ion Ratio Lower Upper
106 100
91 219.6 107.9 323.8



#70
Styrene
Concen: 107.239 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066540.D
Acq: 03 Sep 2020 16:23

Tgt Ion:104 Resp: 1327996
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 54.5 42.9 64.3





#71

Bromoform

Concen: 90.990 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

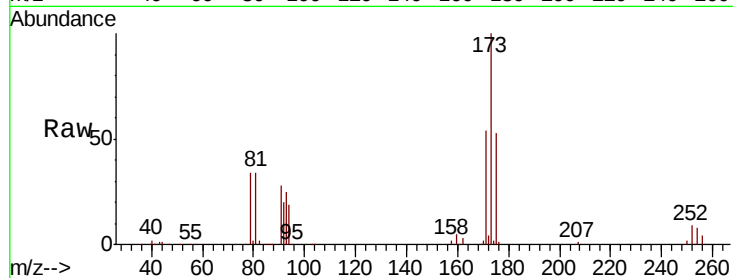
Tot Ion:173 Resp: 227786

Ion Ratio Lower Upper

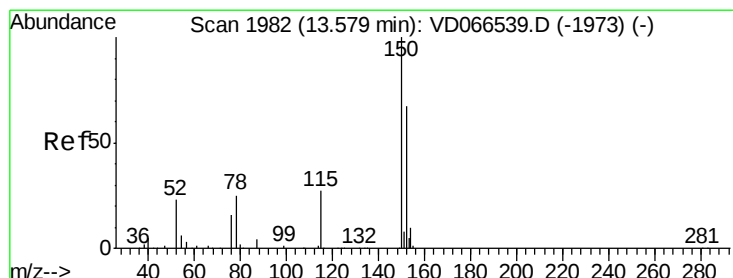
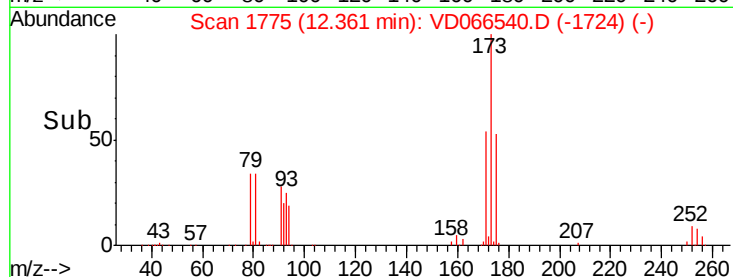
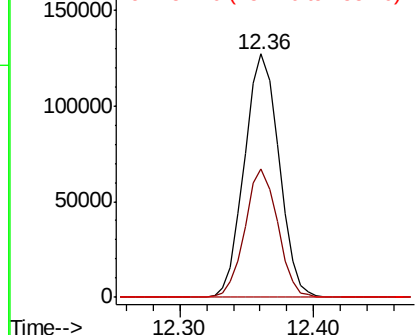
173 100

175 49.9 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: VD066540.D

Acq: 03 Sep 2020 16:23

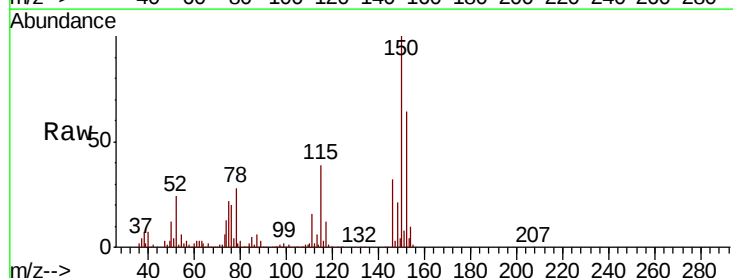
Tgt Ion:152 Resp: 270597

Ion Ratio Lower Upper

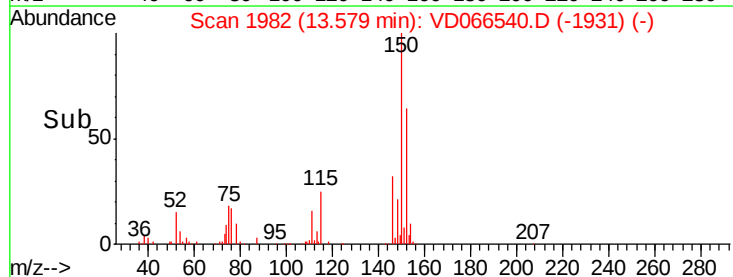
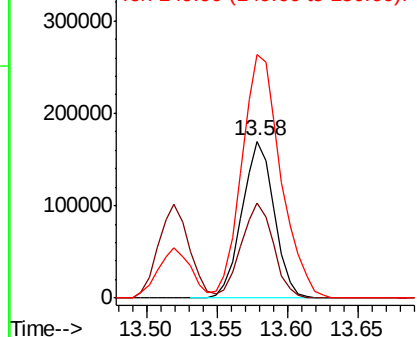
152 100

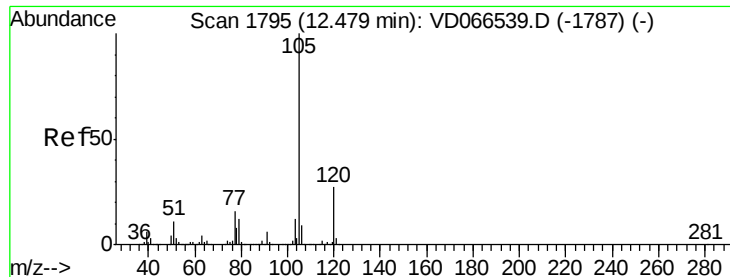
115 60.8 30.4 91.2

150 188.4 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: 115.209 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

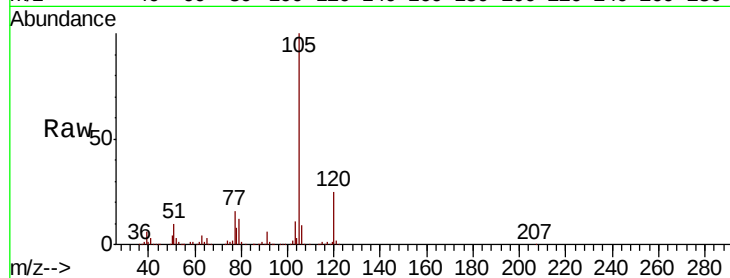
VSTDIC100

Tot Ion:105 Resp: 2119747

Ion Ratio Lower Upper

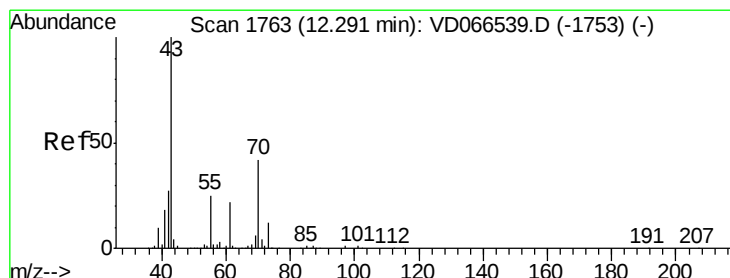
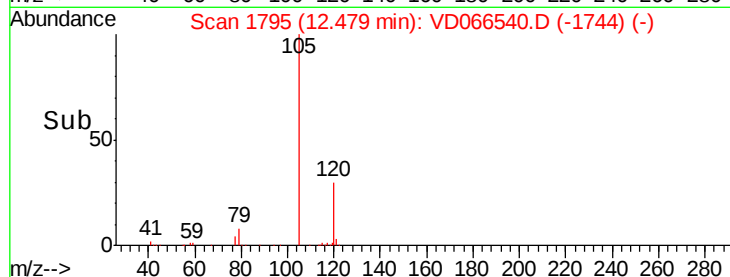
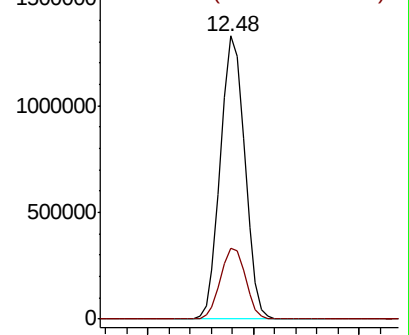
105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 155.286 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Tgt Ion: 43 Resp: 470407

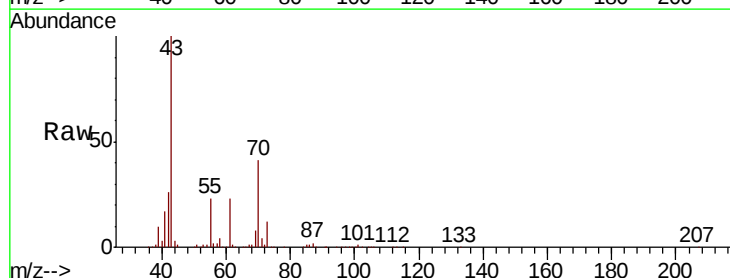
Ion Ratio Lower Upper

43 100

70 41.3 33.4 50.2

55 24.2 20.1 30.1

61 22.6 18.2 27.2

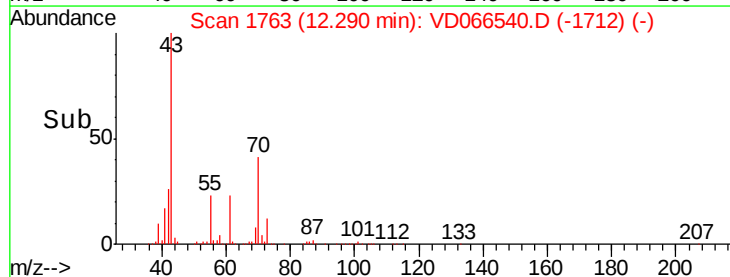
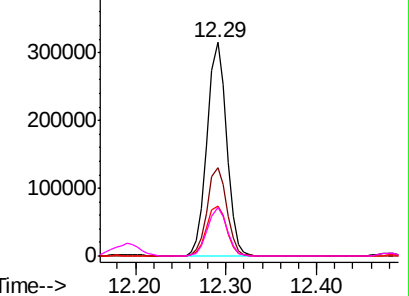


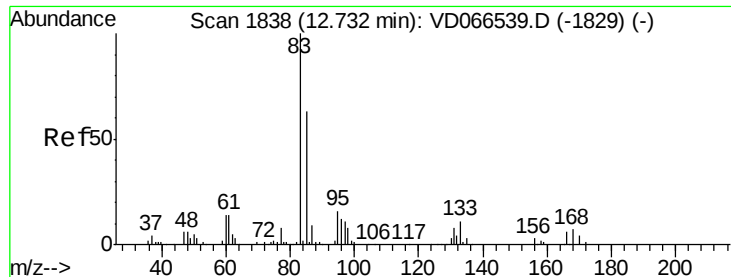
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 145.060 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

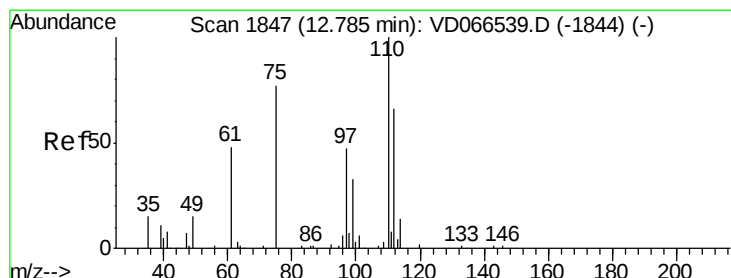
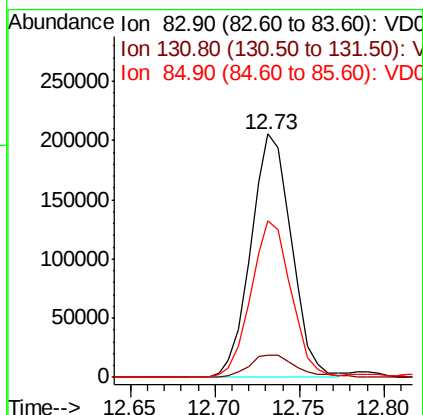
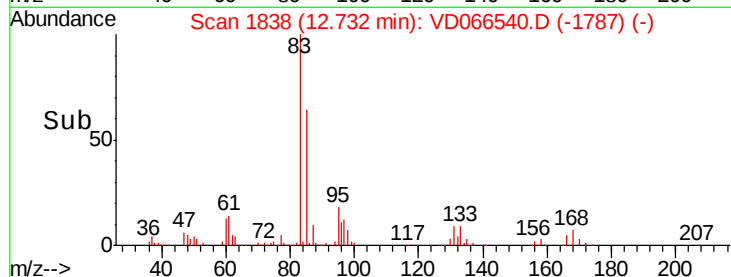
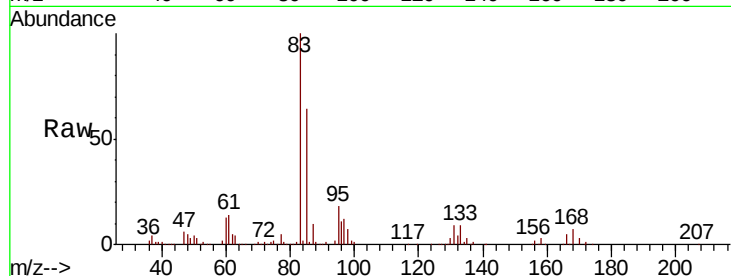
Tot Ion: 83 Resp: 343522

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 63.6 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 250.949 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066540.D

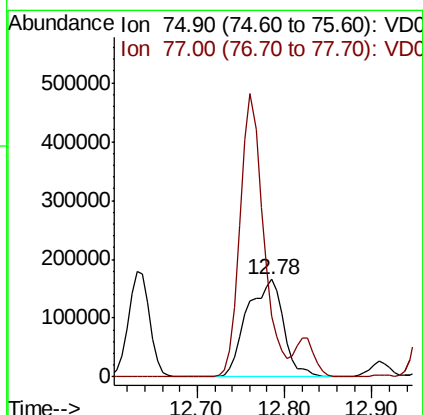
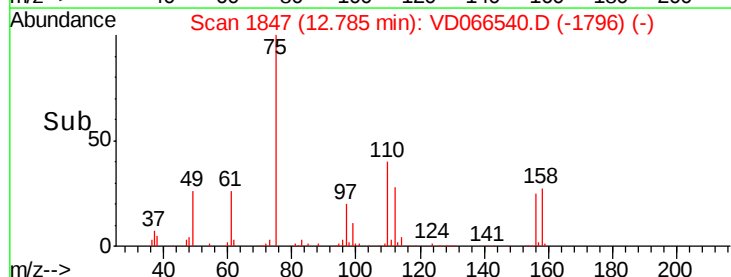
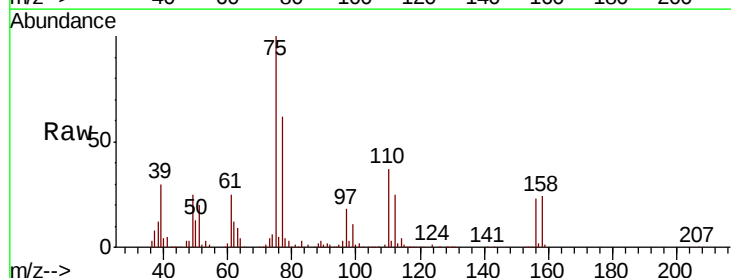
Acq: 03 Sep 2020 16:23

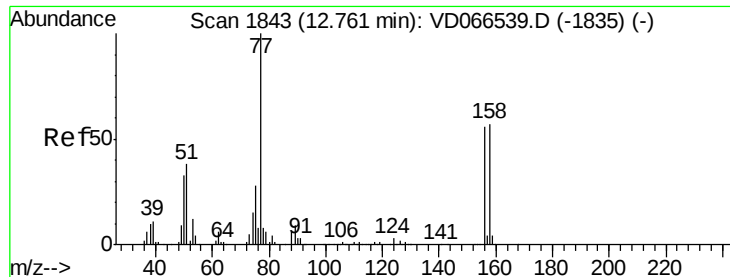
Tgt Ion: 75 Resp: 471080

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.157 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

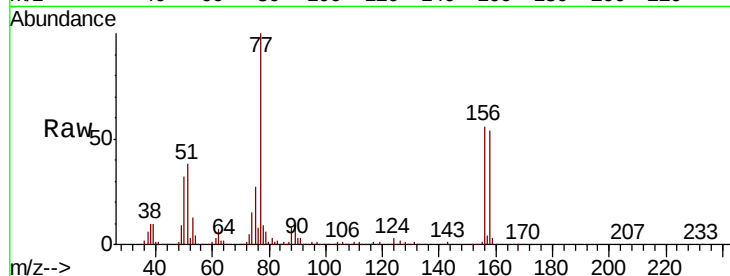
Tot Ion:156 Resp: 451670

Ion Ratio Lower Upper

156 100

77 192.3 98.0 294.1

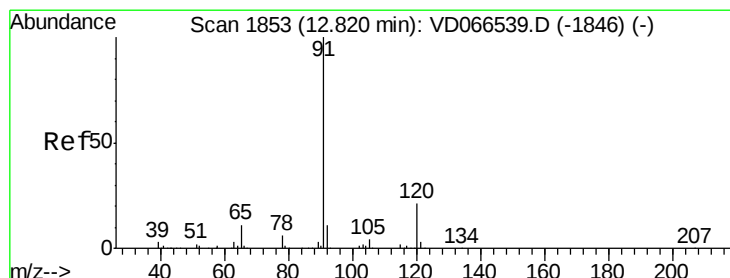
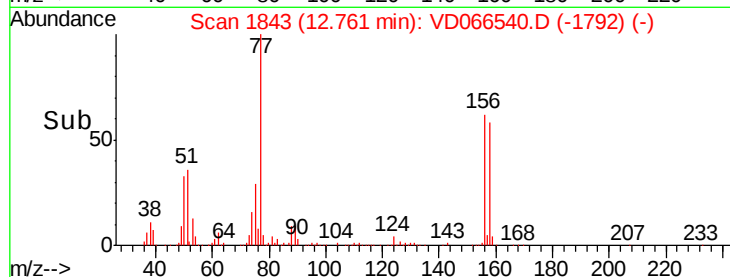
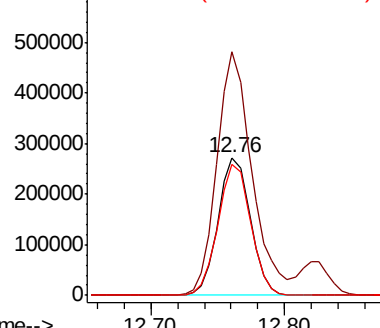
158 96.7 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 123.253 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066540.D

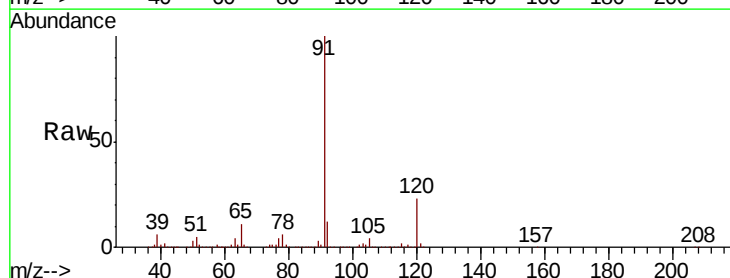
Acq: 03 Sep 2020 16:23

Tgt Ion: 91 Resp: 2530445

Ion Ratio Lower Upper

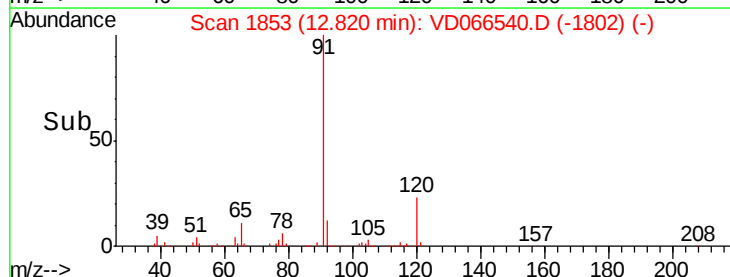
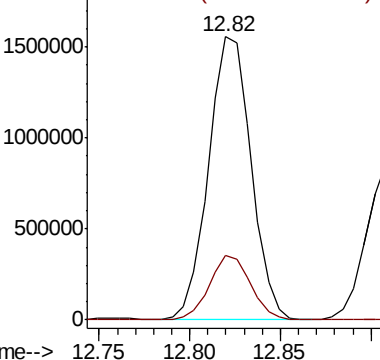
91 100

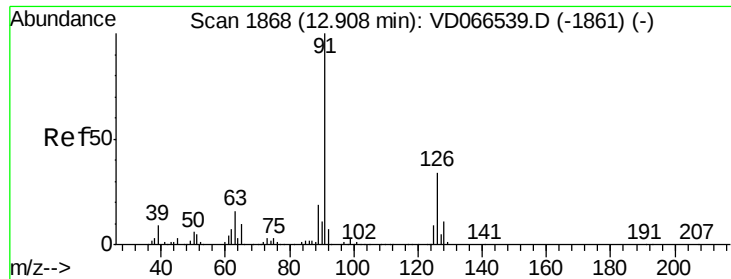
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

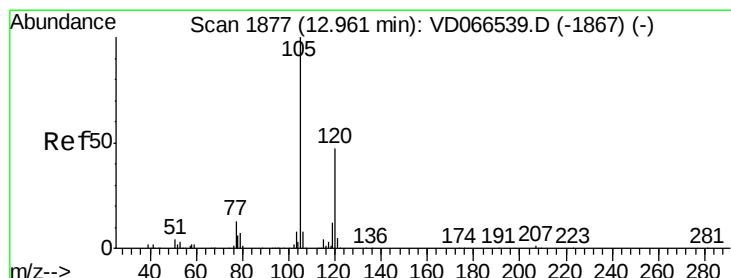
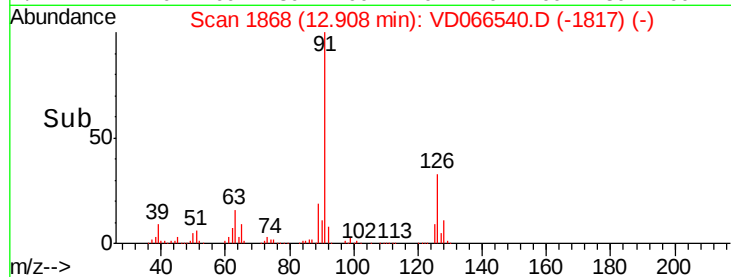
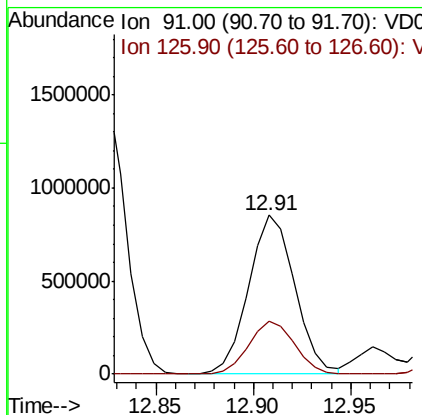
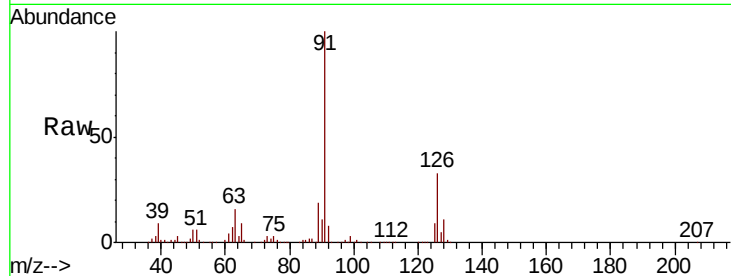




#79
 2-Chlorotoluene
 Concen: 119.478 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

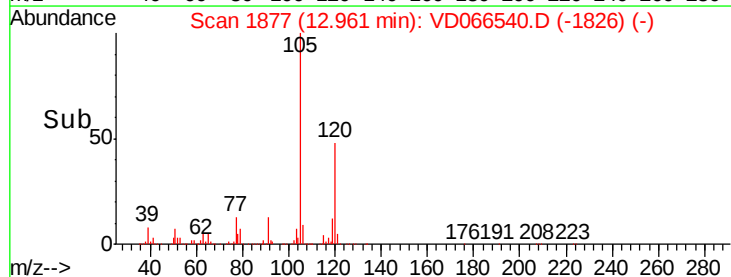
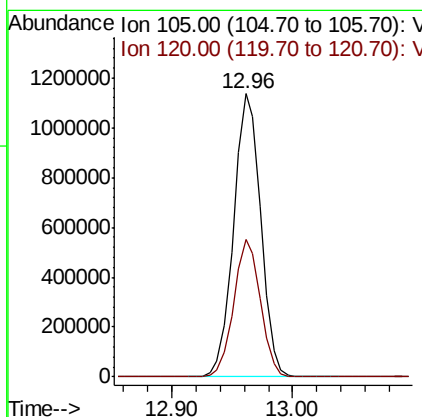
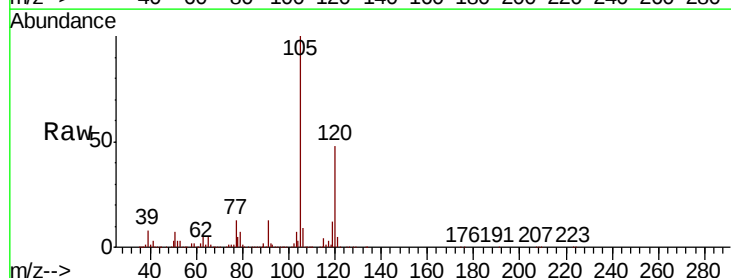
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

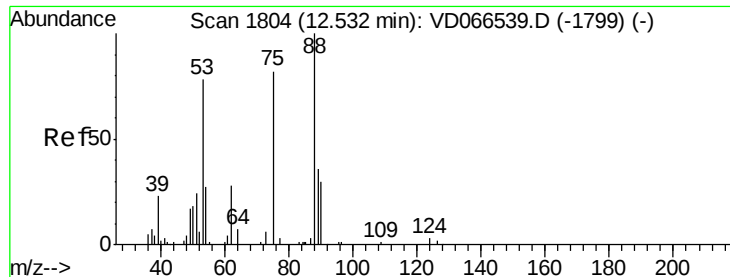
Tot Ion: 91 Resp: 1403319
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 111.280 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion: 105 Resp: 1775777
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 143.434 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

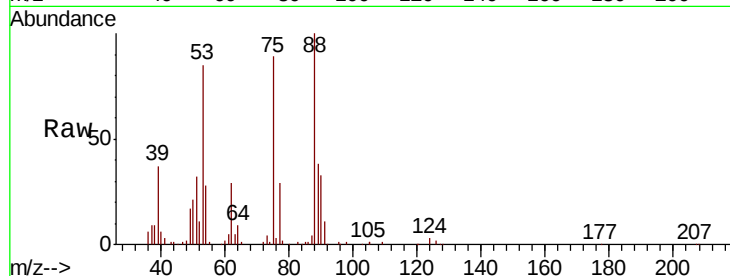
Tot Ion: 75 Resp: 116454

Ion Ratio Lower Upper

75 100

53 100.8 87.0 130.4

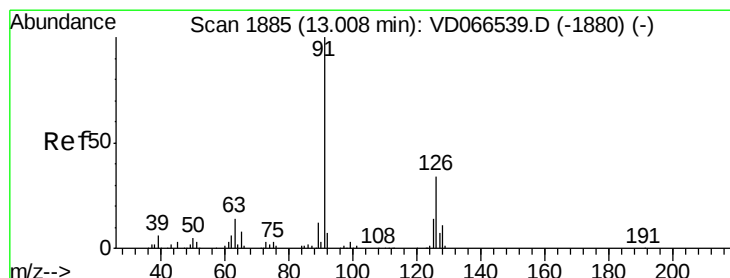
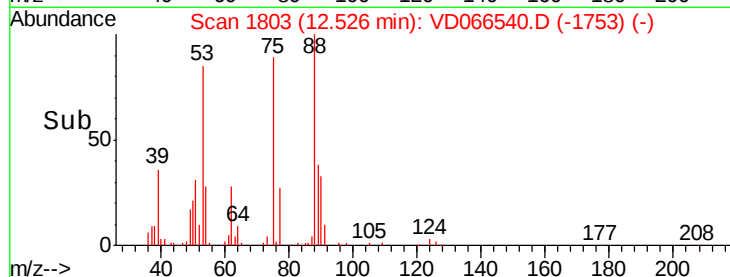
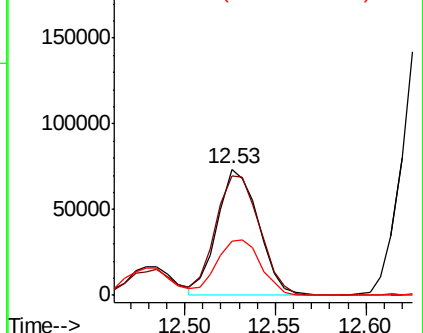
89 47.3 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 117.257 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066540.D

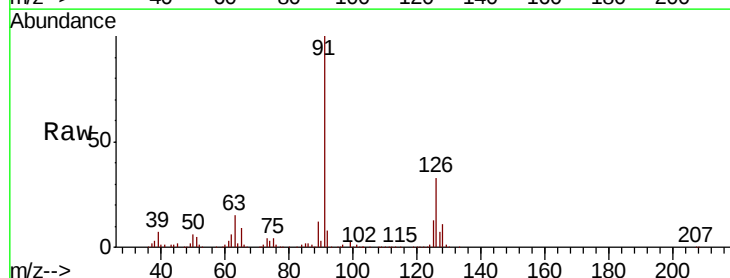
Acq: 03 Sep 2020 16:23

Tgt Ion: 91 Resp: 1478792

Ion Ratio Lower Upper

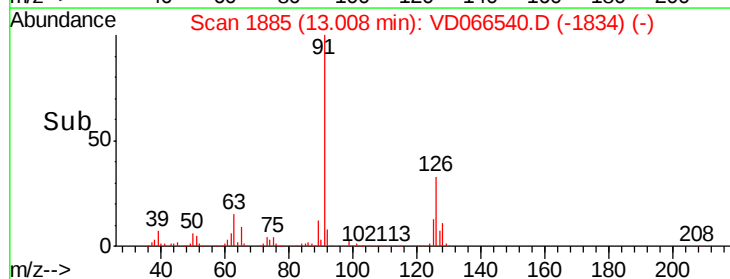
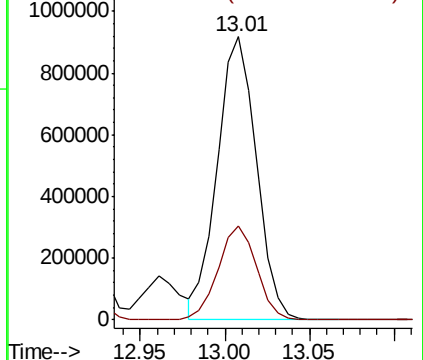
91 100

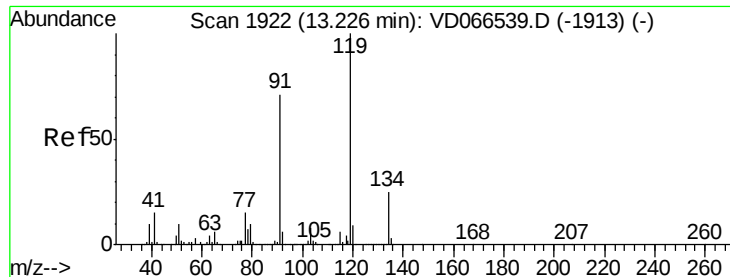
126 32.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 105.414 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

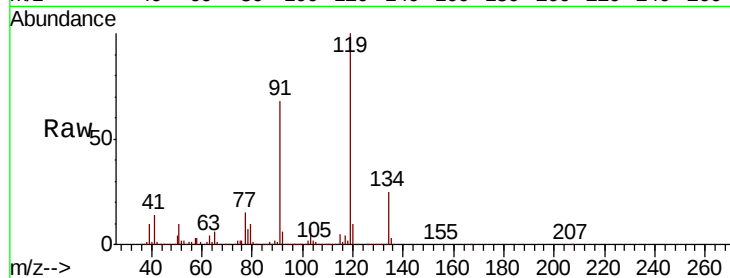
Tot Ion:119 Resp: 1453578

Ion Ratio Lower Upper

119 100

91 68.9 35.2 105.6

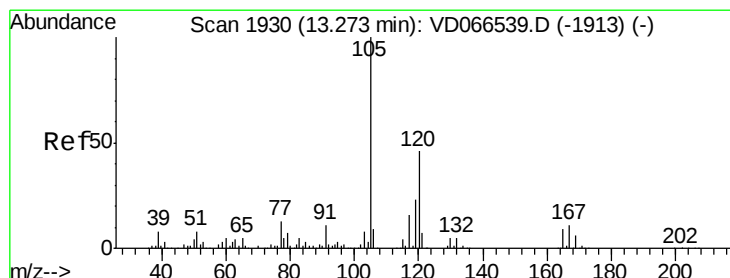
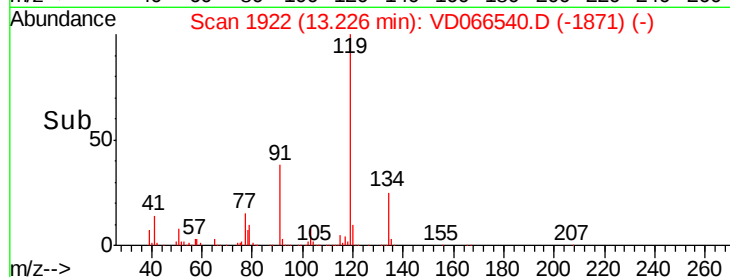
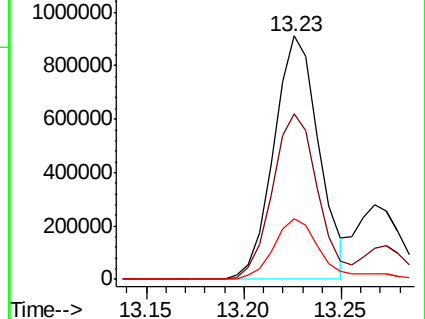
134 26.8 13.5 40.5



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: 112.044 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066540.D

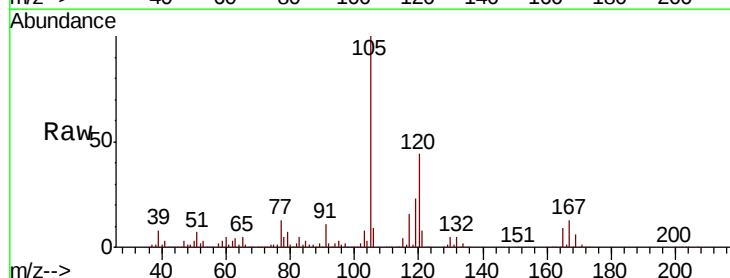
Acq: 03 Sep 2020 16:23

Tgt Ion:105 Resp: 1778990

Ion Ratio Lower Upper

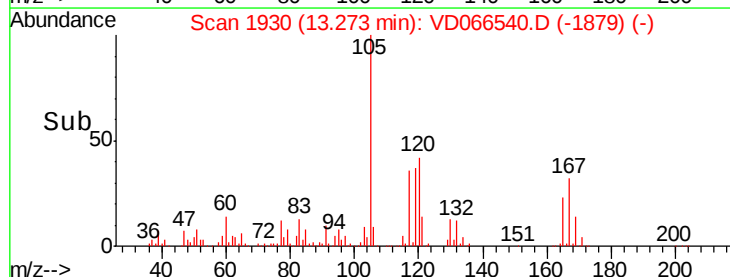
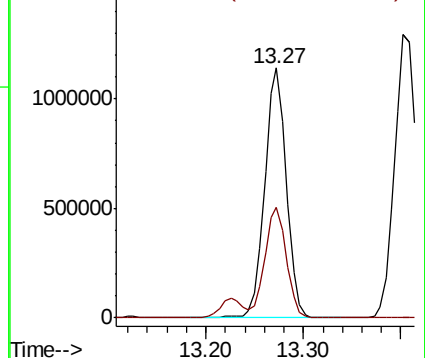
105 100

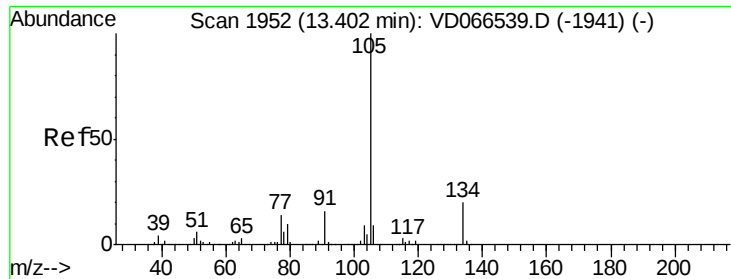
120 44.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 115.163 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

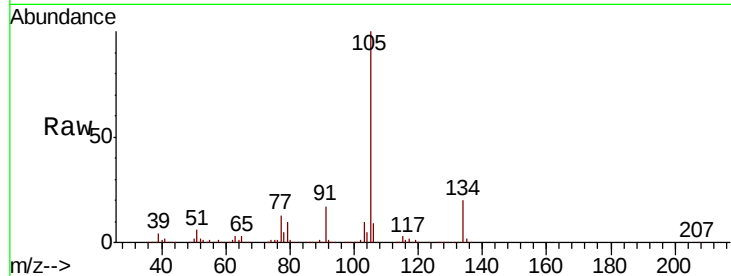
VSTDIC100

Tot Ion:105 Resp: 2066250

Ion Ratio Lower Upper

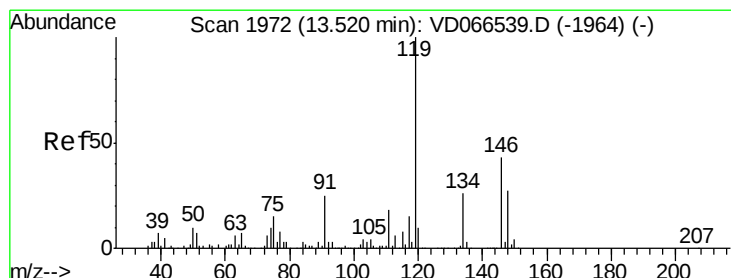
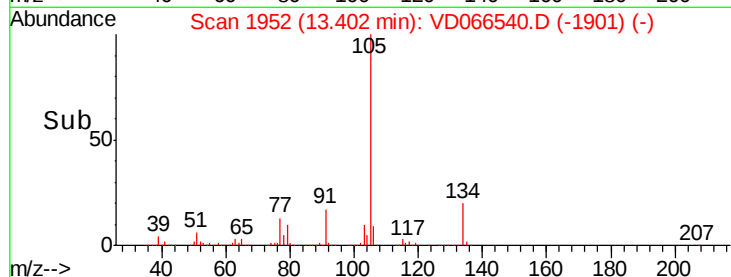
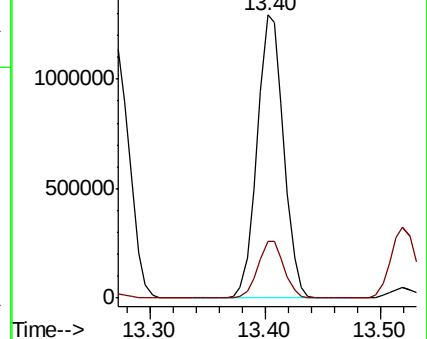
105 100

134 19.8 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: 109.311 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

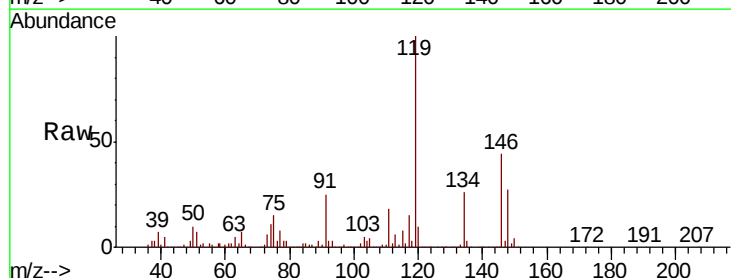
Tgt Ion:119 Resp: 1926265

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

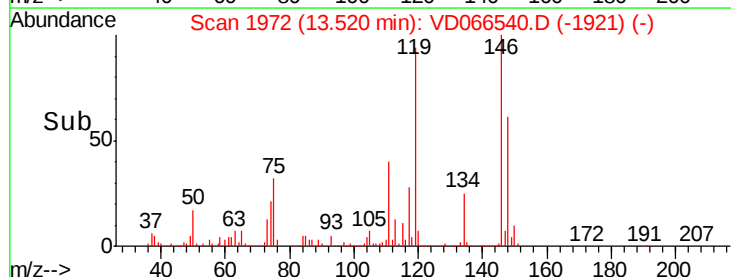
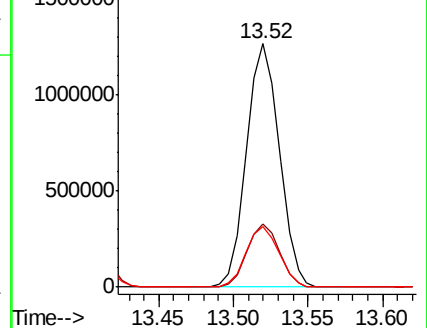
91 24.9 12.5 37.5

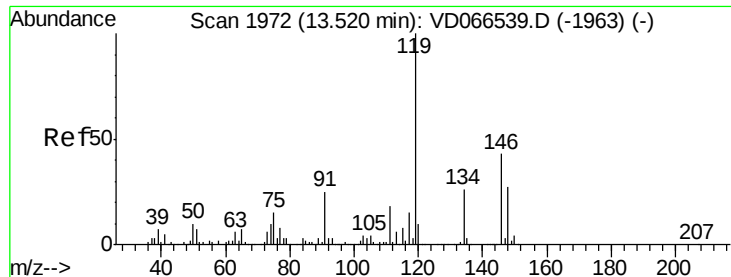


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 105.164 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

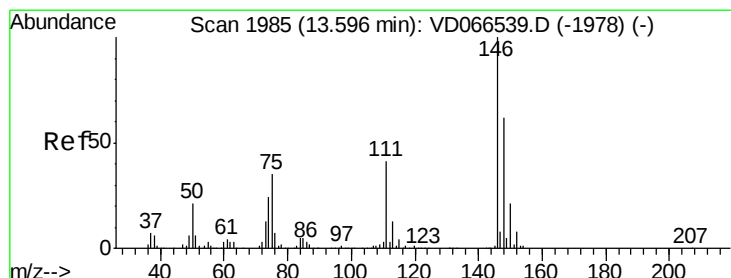
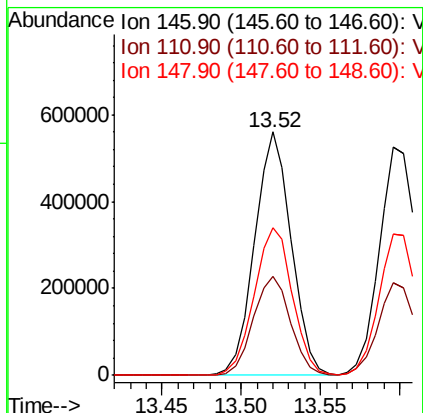
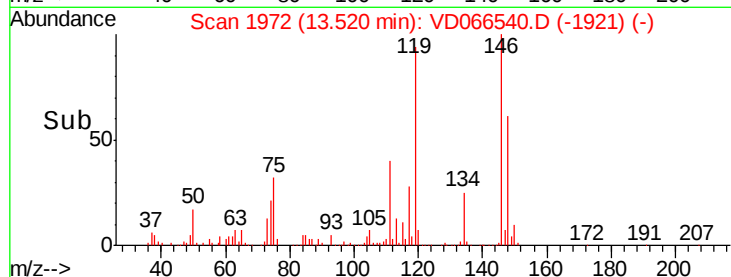
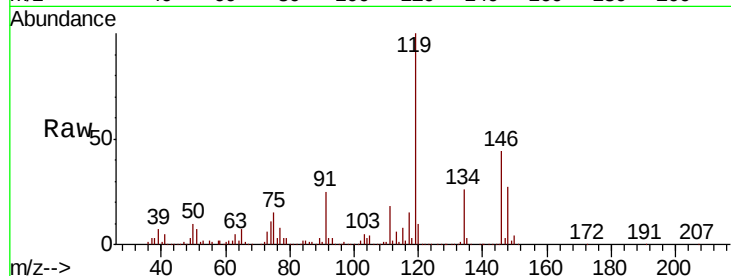
Tot Ion:146 Resp: 897752

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 100.985 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

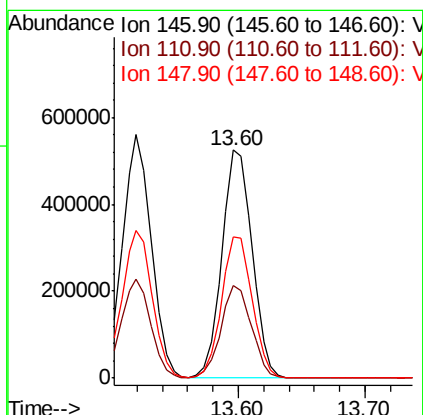
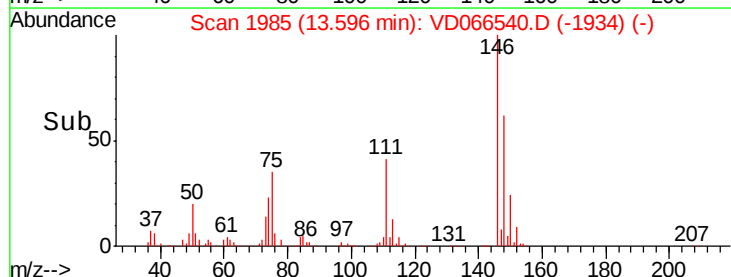
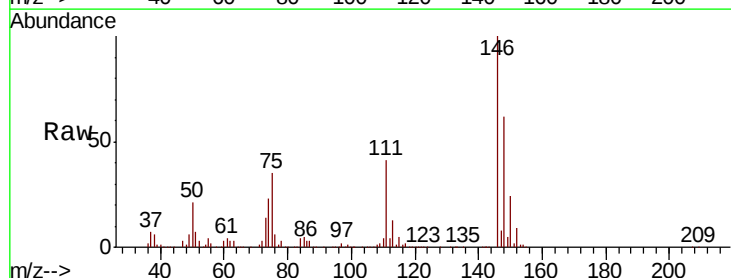
Tgt Ion:146 Resp: 868155

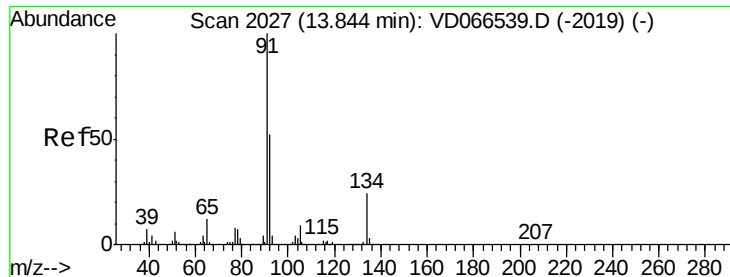
Ion Ratio Lower Upper

146 100

111 40.6 20.1 60.2

148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 121.297 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

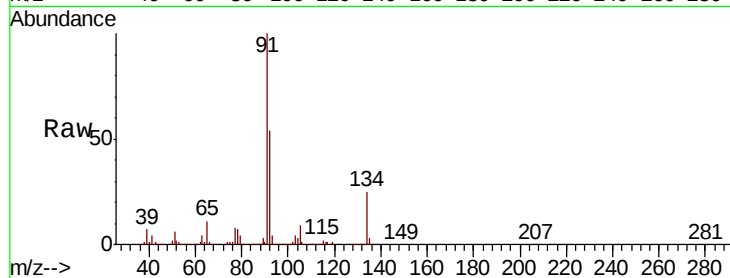
Tot Ion: 91 Resp: 1834722

Ion Ratio Lower Upper

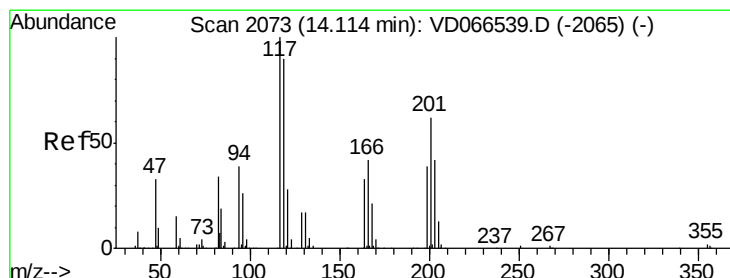
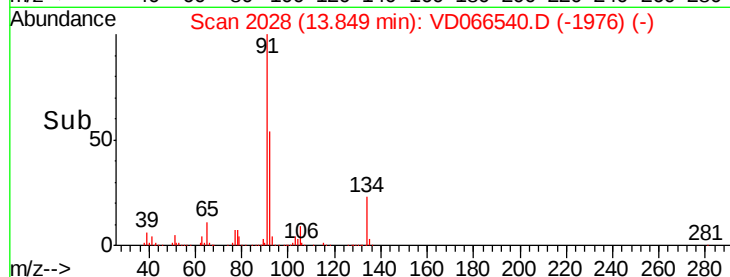
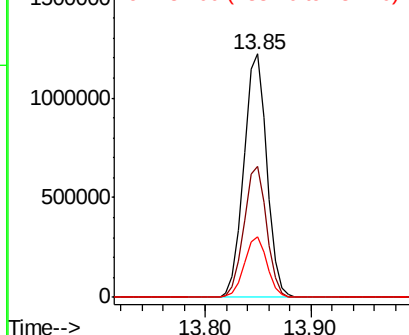
91 100

92 53.3 26.5 79.5

134 24.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 113.635 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD066540.D

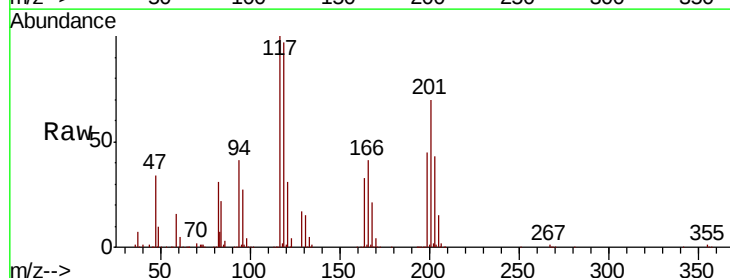
Acq: 03 Sep 2020 16:23

Tgt Ion: 117 Resp: 369932

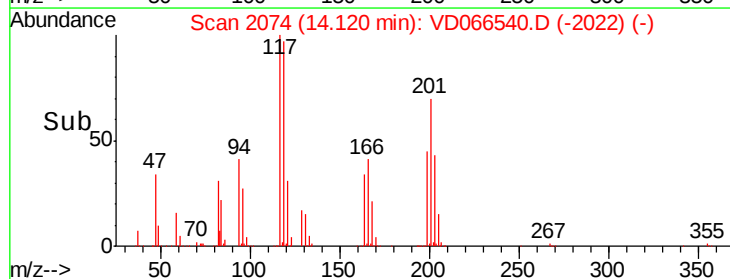
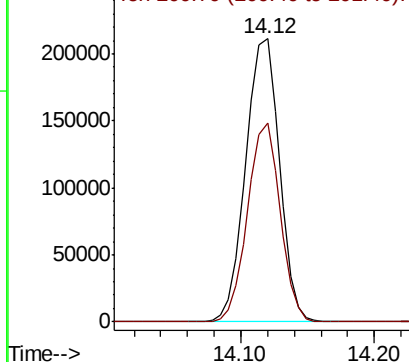
Ion Ratio Lower Upper

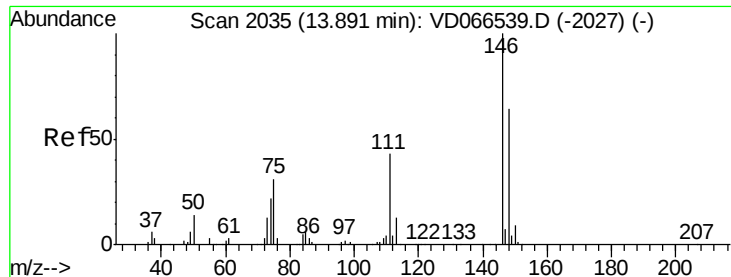
117 100

201 67.7 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 103.145 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

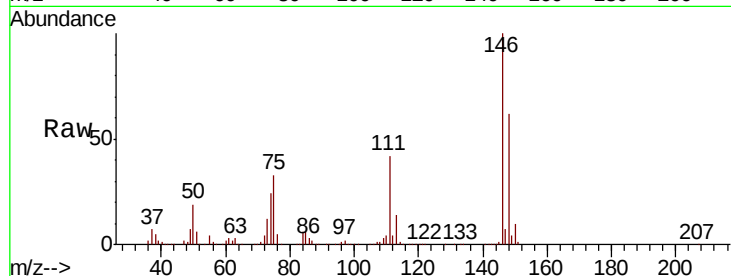
Tot Ion:146 Resp: 764069

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.4

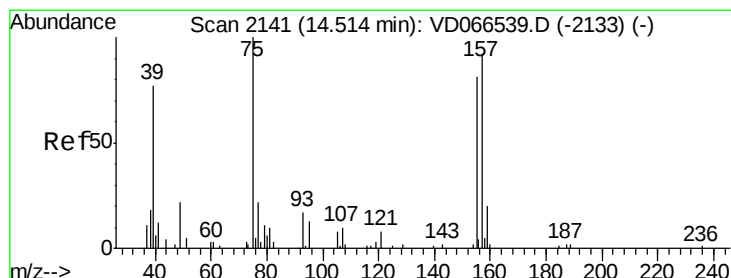
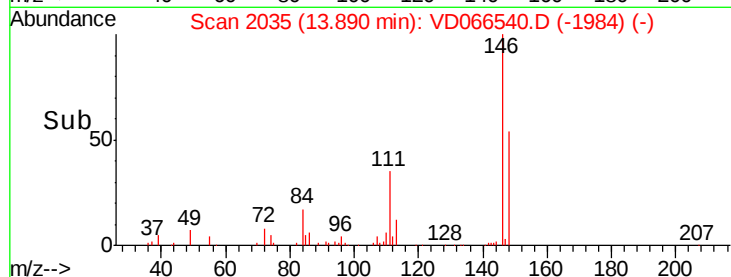
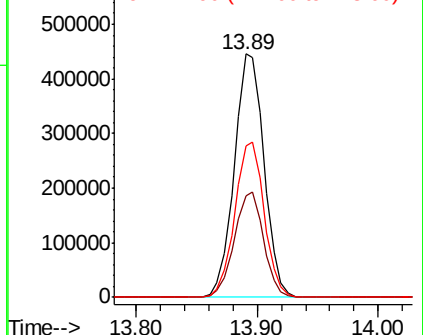
148 63.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 102.773 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

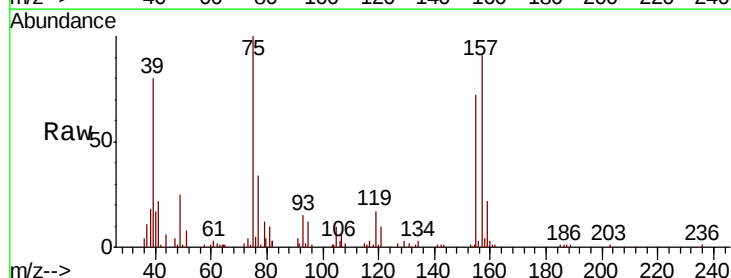
Tgt Ion: 75 Resp: 58103

Ion Ratio Lower Upper

75 100

155 75.4 39.3 117.8

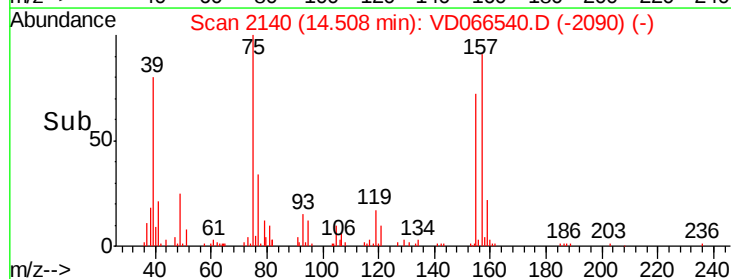
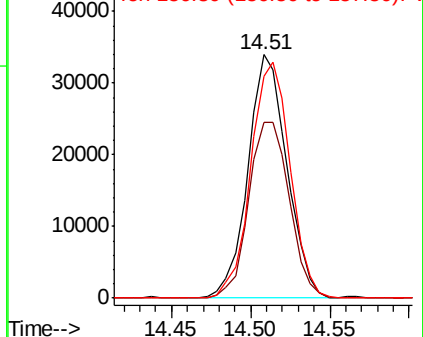
157 97.8 46.0 137.8

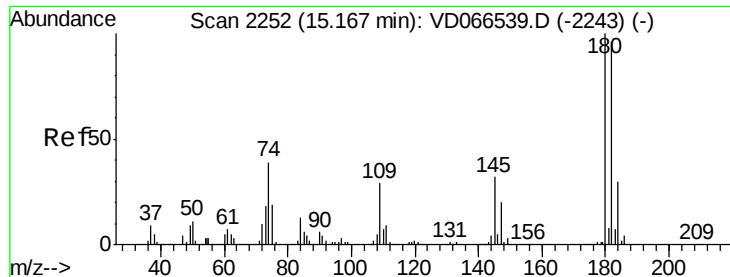


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

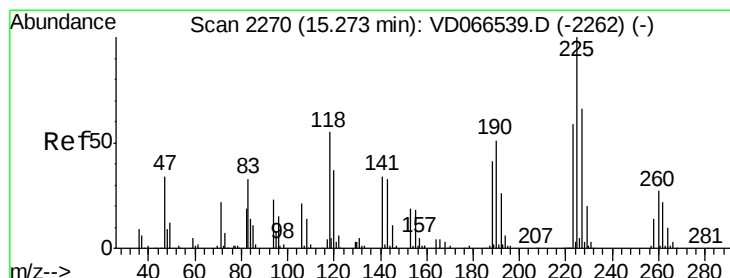
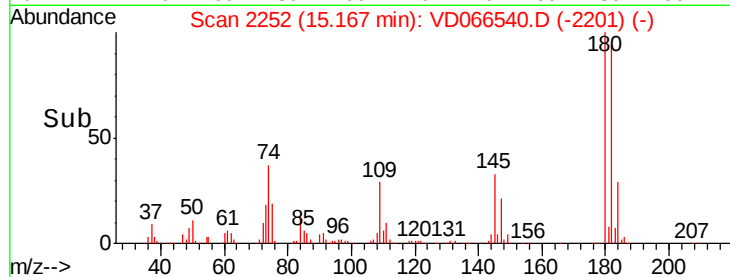
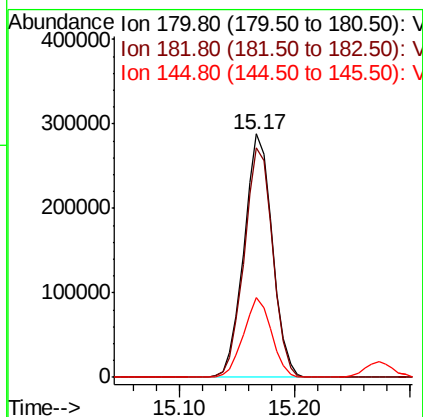
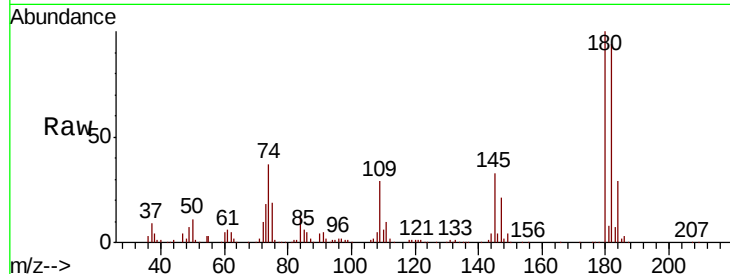




#93
 1,2,4-Trichlorobenzene
 Concen: 87.351 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

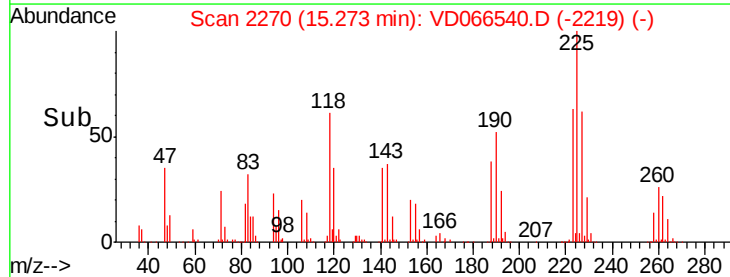
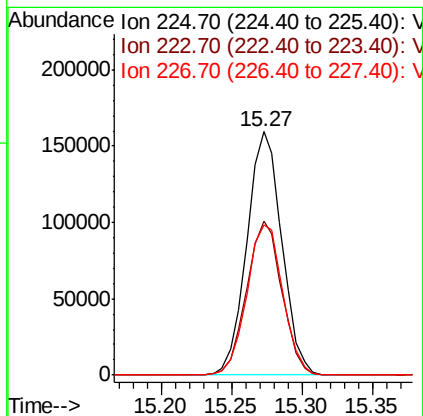
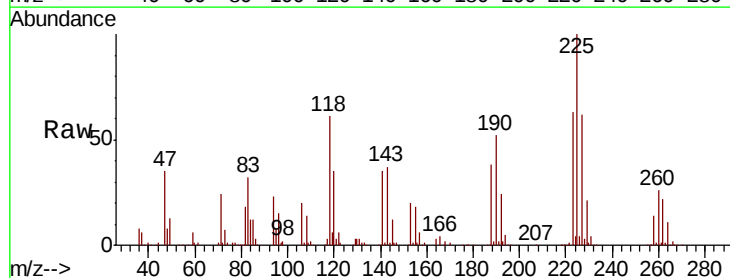
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

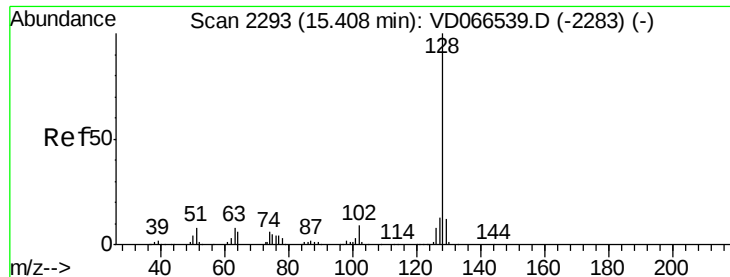
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	32.3	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 76.736 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066540.D
 Acq: 03 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.5	91.5
227	63.8	32.4	97.2





#95

Naphthalene

Concen: 104.431 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

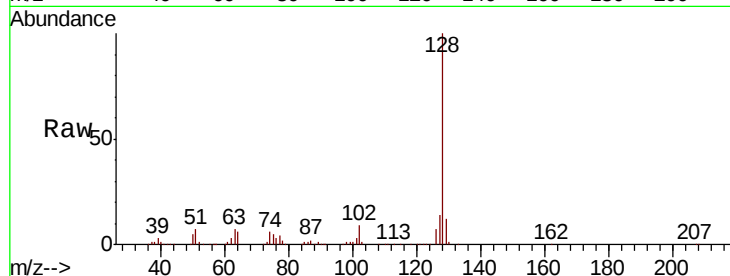
Tot Ion:128 Resp: 935799

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

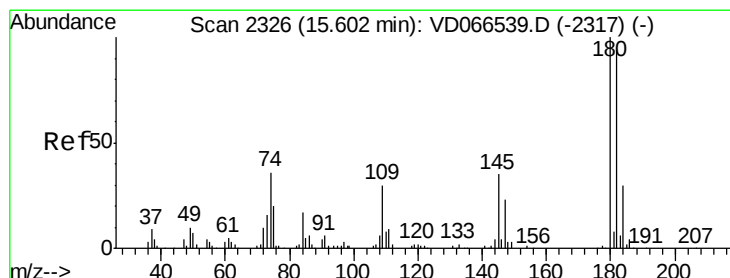
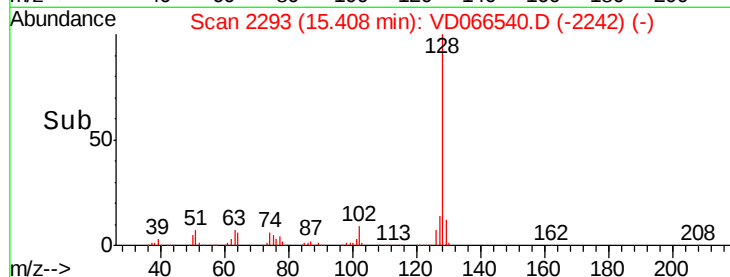
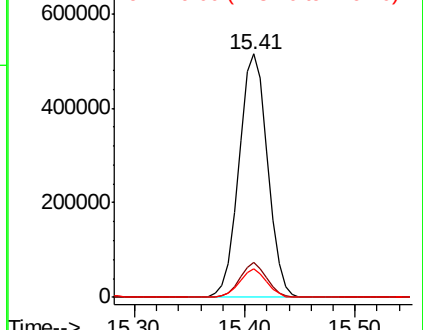
129 11.0 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 86.561 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066540.D

Acq: 03 Sep 2020 16:23

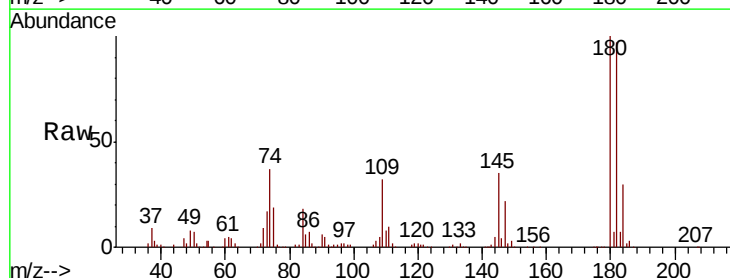
Tgt Ion:180 Resp: 421424

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 34.8 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

