

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066541.D
 Acq On : 03 Sep 2020 16:50
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 04 01:22:23 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	7.97	168	388085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	618126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	563519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	686491	165.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.42%	
35) Dibromofluoromethane	7.91	113	637596	172.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	344.90%	
50) Toluene-d8	10.34	98	2392887	173.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	346.68%	
62) 4-Bromofluorobenzene	12.63	95	794078	161.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	458030	137.797	ug/l	92
3) Chloromethane	2.21	50	631178	262.574	ug/l	100
4) Vinyl Chloride	2.35	62	726554	253.096	ug/l	99
5) Bromomethane	2.74	94	480690	212.862	ug/l	85
6) Chloroethane	2.91	64	454218	238.917	ug/l	100
7) Trichlorofluoromethane	3.27	101	1070046	144.386	ug/l	95
8) Diethyl Ether	3.71	74	289119	194.520	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	577832	177.483	ug/l	97
10) Methyl Iodide	4.30	142	631575	184.871	ug/l	98
11) Tert butyl alcohol	5.23	59	196687	645.329	ug/l	100
12) 1,1-Dichloroethene	4.06	96	543733	180.295	ug/l	95
13) Acrolein	3.92	56	134713	958.760	ug/l	98
14) Allyl chloride	4.71	41	944441	255.067	ug/l	99
15) Acrylonitrile	5.42	53	649473	1169.842	ug/l	99
16) Acetone	4.16	43	600187	927.307	ug/l	98
17) Carbon Disulfide	4.41	76	1762337	196.008	ug/l	98
18) Methyl Acetate	4.71	43	291563	255.682	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	1408857	181.389	ug/l	98
20) Methylene Chloride	4.96	84	638670	165.910	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	650508	185.548	ug/l	99
22) Diisopropyl ether	6.36	45	1964229	259.842	ug/l	99
23) Vinyl Acetate	6.30	43	5843852	1235.504	ug/l	97
24) 1,1-Dichloroethane	6.26	63	1165213	209.488	ug/l	99
25) 2-Butanone	7.21	43	848466	1186.280	ug/l	95
26) 2,2-Dichloropropane	7.21	77	1042559	159.231	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	723535	191.085	ug/l	99
28) Bromochloromethane	7.54	49	461774	265.626	ug/l	99
29) Tetrahydrofuran	7.56	42	542093	1390.786	ug/l	99
30) Chloroform	7.71	83	1217933	178.234	ug/l	100
31) Cyclohexane	7.98	56	1019509	206.553	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	1129572	153.905	ug/l	99
36) 1,1-Dichloropropene	8.11	75	950374	171.504	ug/l	99
37) Ethyl Acetate	7.29	43	385745	216.559	ug/l	98
38) Carbon Tetrachloride	8.09	117	1016471	128.276	ug/l	94

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 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)
39) Methylcyclohexane	9.35	83	1144029	175.985	ug/l	99
40) Benzene	8.34	78	2576013	178.622	ug/l	100
41) Methacrylonitrile	7.56	41	543075	573.158	ug/l #	19
42) 1,2-Dichloroethane	8.42	62	812533	139.752	ug/l	99
43) Isopropyl Acetate	8.45	43	756697	208.271	ug/l	99
44) Trichloroethene	9.11	130	678534	143.065	ug/l	98
45) 1,2-Dichloropropane	9.38	63	645724	213.974	ug/l	96
46) Dibromomethane	9.47	93	357093	172.298	ug/l	96
47) Bromodichloromethane	9.66	83	969585	159.824	ug/l	99
48) Methyl methacrylate	9.45	41	402032	216.840	ug/l	99
49) 1,4-Dioxane	9.46	88	82310	3431.881	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1927704	1131.128	ug/l	100
52) Toluene	10.40	92	1678487	166.825	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	917921	166.665	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	1078126	181.350	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	460846	175.643	ug/l	97
56) Ethyl methacrylate	10.66	69	606665	193.828	ug/l	97
57) 1,3-Dichloropropane	10.94	76	811997	184.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	1223319	970.485	ug/l	97
59) 2-Hexanone	10.98	43	1326841	1085.253	ug/l	99
60) Dibromochloromethane	11.14	129	620621	148.427	ug/l	99
61) 1,2-Dibromoethane	11.24	107	447572	167.097	ug/l	99
64) Tetrachloroethene	10.87	164	549375	128.780	ug/l	95
65) Chlorobenzene	11.67	112	1708790	154.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	653069	141.628	ug/l	99
67) Ethyl Benzene	11.74	91	3280949	166.452	ug/l	99
68) m/p-Xylenes	11.85	106	2446729	321.370	ug/l	100
69) o-Xylene	12.18	106	1128634	157.488	ug/l	100
70) Styrene	12.20	104	1982957	161.495	ug/l	99
71) Bromoform	12.36	173	337481	135.957	ug/l #	100
73) Isopropylbenzene	12.48	105	3123126	172.642	ug/l	100
74) N-amyl acetate	12.29	43	717736	240.979	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	497943	213.859	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	692256	375.072	ug/l #	100
77) Bromobenzene	12.76	156	672570	150.174	ug/l	98
78) n-propylbenzene	12.82	91	3700616	183.328	ug/l	99
79) 2-Chlorotoluene	12.91	91	2077540	179.903	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	2618499	166.893	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	167607	209.964	ug/l	96
82) 4-Chlorotoluene	13.01	91	2171458	175.122	ug/l	99
83) tert-Butylbenzene	13.23	119	2177065	160.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	2616537	167.609	ug/l	99
85) sec-Butylbenzene	13.40	105	3053285	173.082	ug/l	100
86) p-Isopropyltoluene	13.52	119	2835868	163.678	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	1321930	157.498	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1279565	151.383	ug/l	100
89) n-Butylbenzene	13.85	91	2700151	181.561	ug/l	99
90) Hexachloroethane	14.11	117	547376	171.014	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	1133751	155.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	86275	155.211	ug/l	97

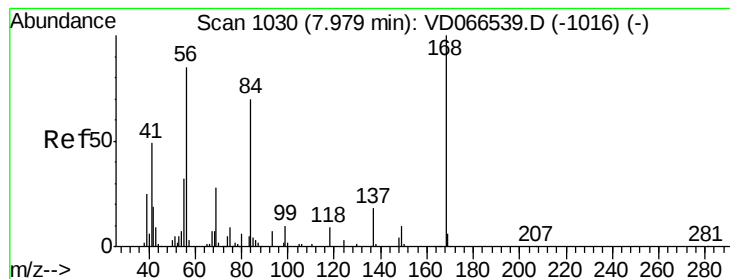
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
Data File : VD066541.D
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Quant Time: Sep 04 01:22:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:16:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	708670	128.311	ug/l	98
94) Hexachlorobutadiene	15.27	225	396573	111.862	ug/l	97
95) Naphthalene	15.41	128	1359513	154.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	605408	126.476	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

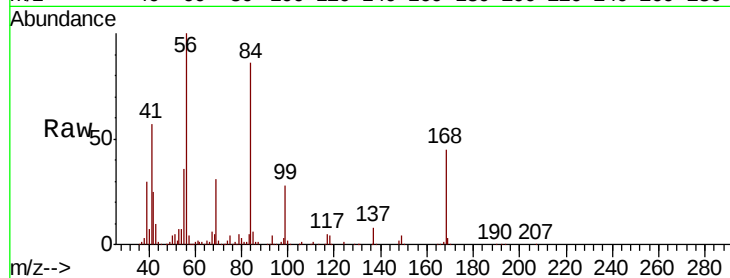
VSTDICC150

Tot Ion:168 Resp: 388085

Ion Ratio Lower Upper

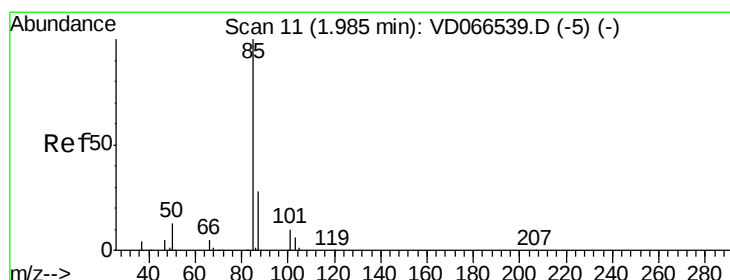
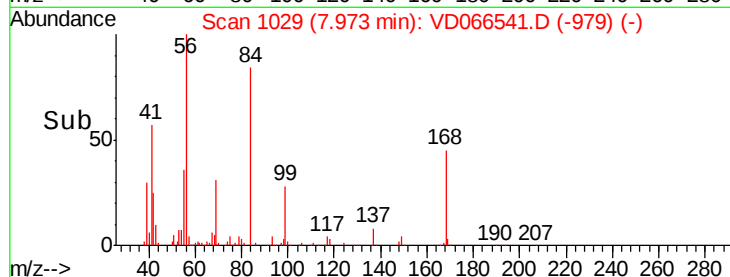
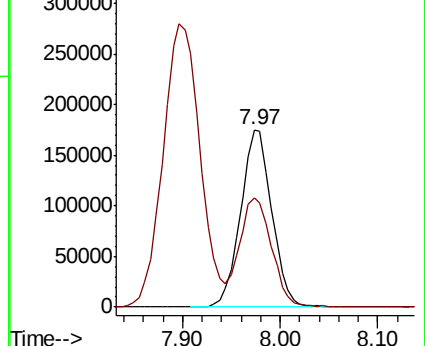
168 100

99 61.1 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: 137.797 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066541.D

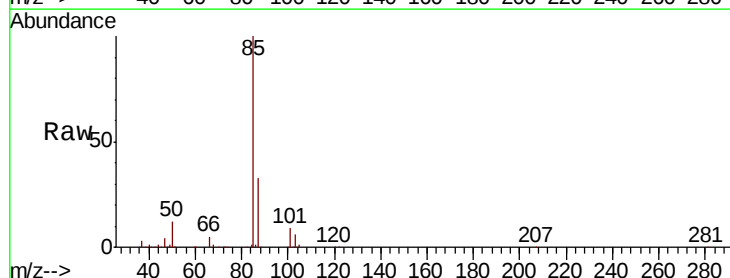
Acq: 03 Sep 2020 16:50

Tgt Ion: 85 Resp: 458030

Ion Ratio Lower Upper

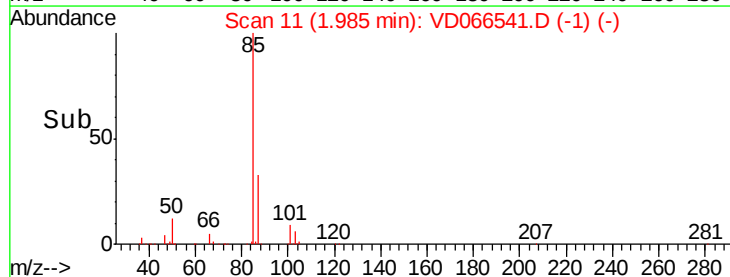
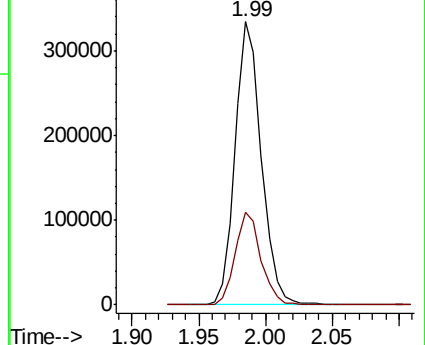
85 100

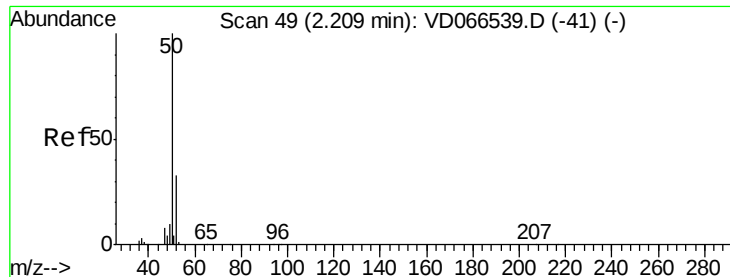
87 32.8 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 262.574 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

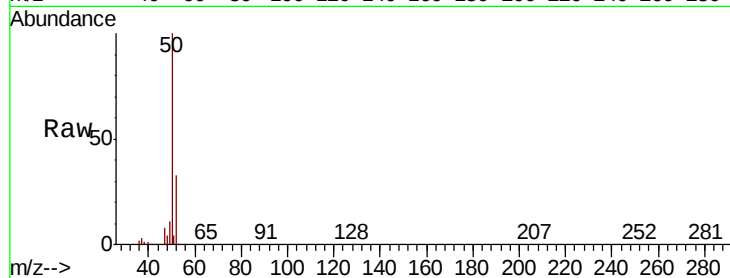
VSTDIC150

Tot Ion: 50 Resp: 631178

Ion Ratio Lower Upper

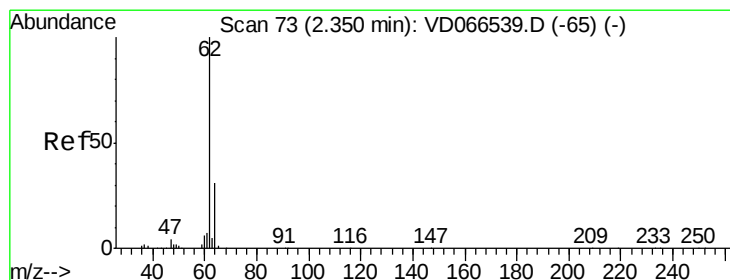
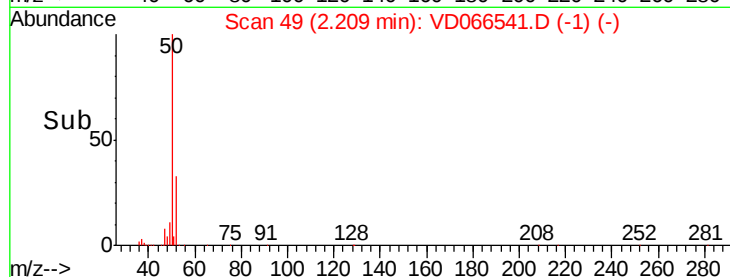
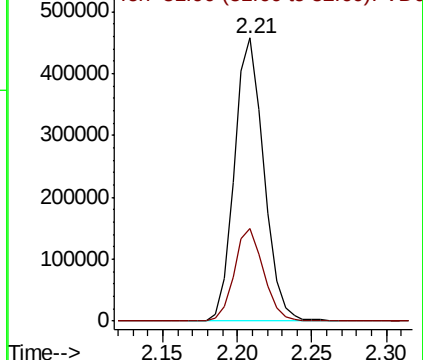
50 100

52 32.9 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: 253.096 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066541.D

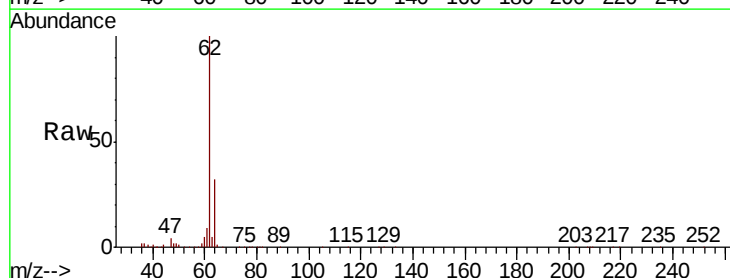
Acq: 03 Sep 2020 16:50

Tgt Ion: 62 Resp: 726554

Ion Ratio Lower Upper

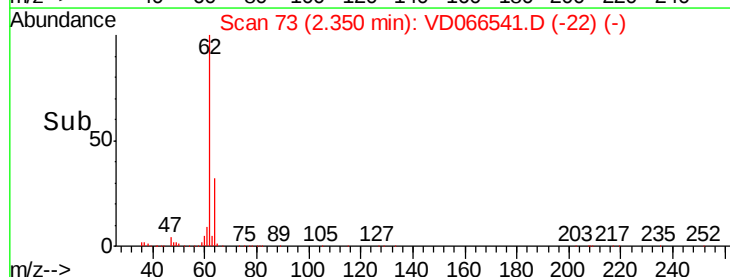
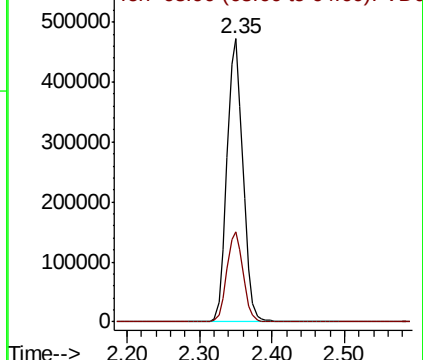
62 100

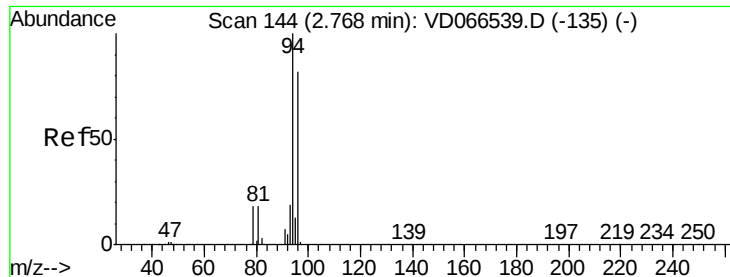
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 212.862 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

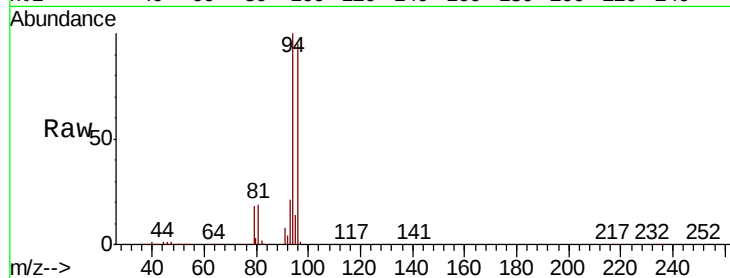
VSTDIC150

Tot Ion: 94 Resp: 480690

Ion Ratio Lower Upper

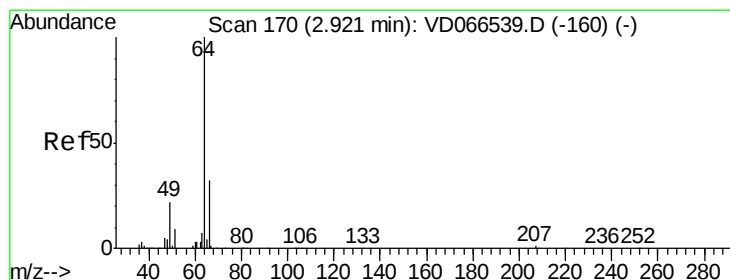
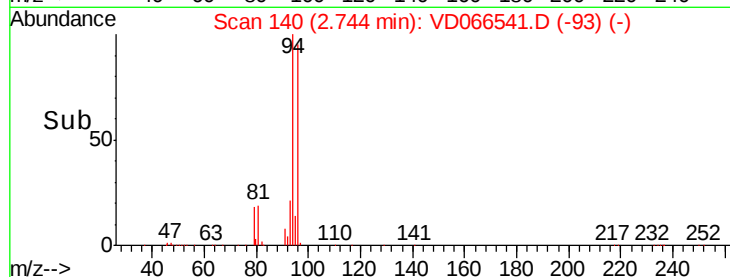
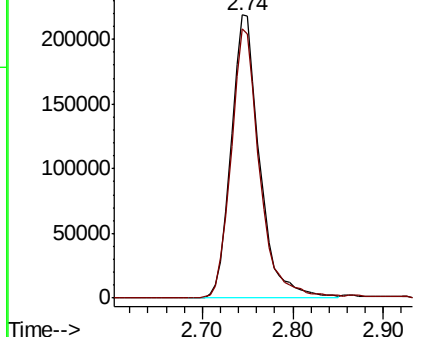
94 100

96 95.1 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 238.917 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066541.D

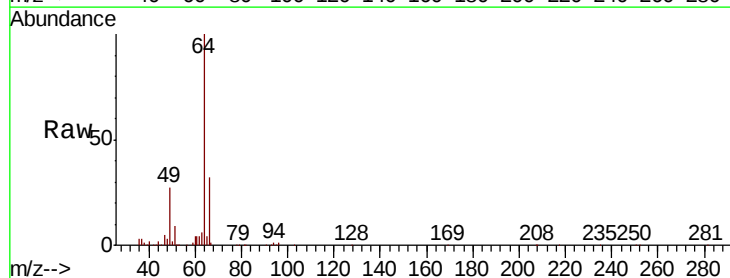
Acq: 03 Sep 2020 16:50

Tgt Ion: 64 Resp: 454218

Ion Ratio Lower Upper

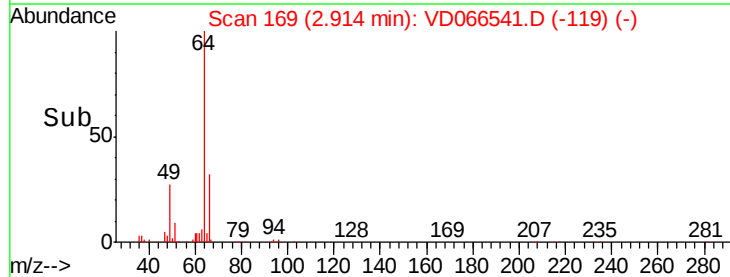
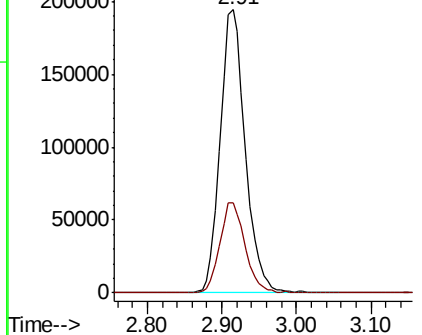
64 100

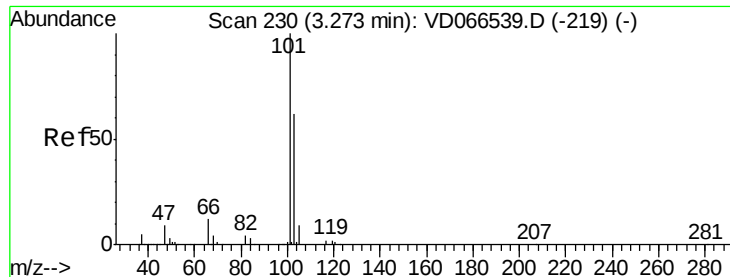
66 31.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



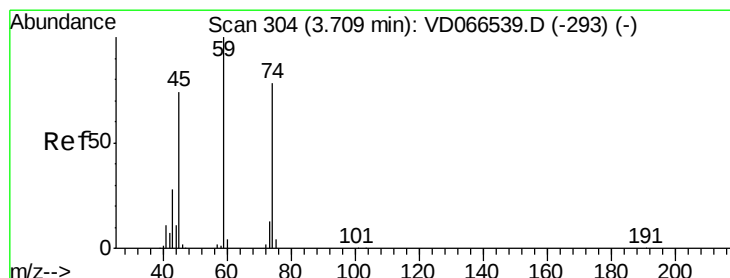
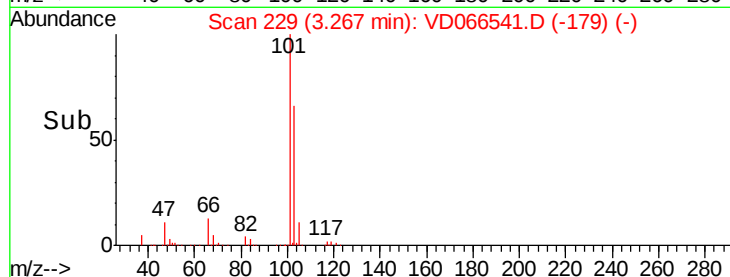
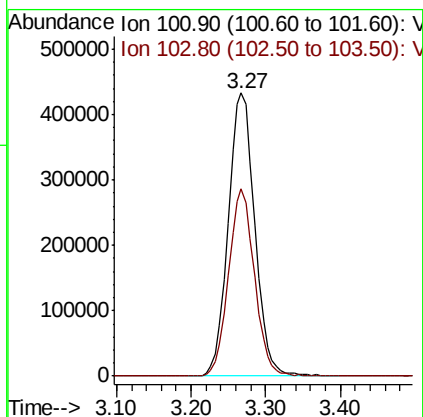
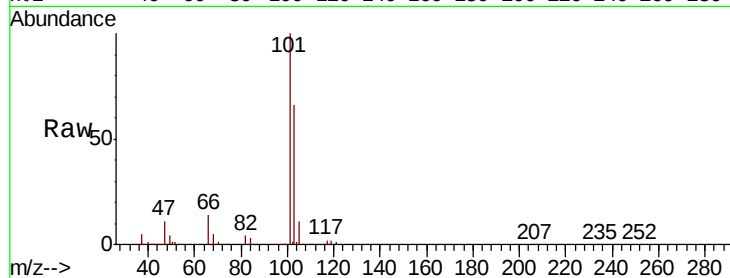


#7

Trichlorofluoromethane
Concen: 144.386 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

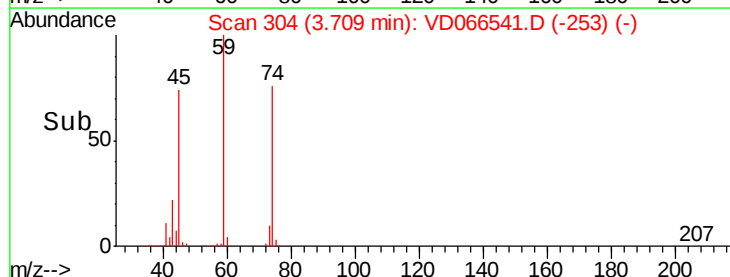
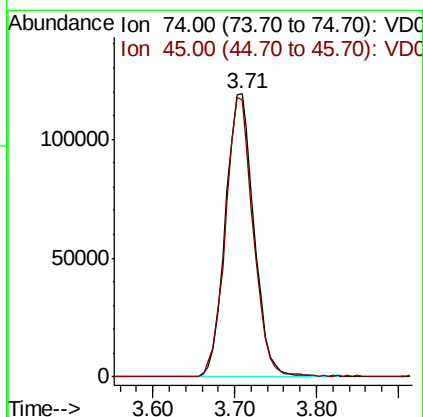
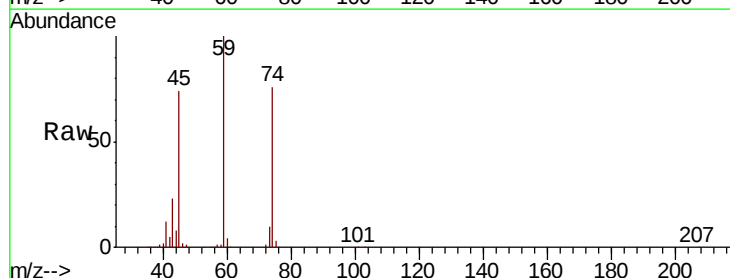
Tot Ion:101 Resp: 1070046
Ion Ratio Lower Upper
101 100
103 66.2 49.7 74.5

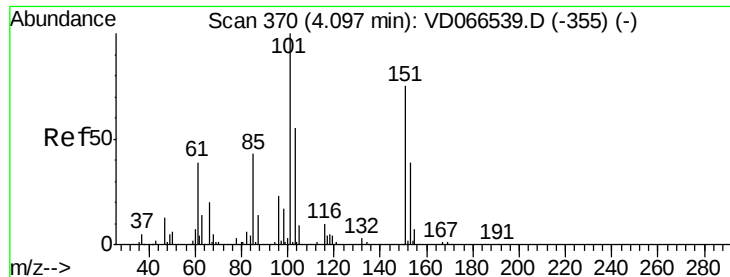


#8

Diethyl Ether
Concen: 194.520 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 74 Resp: 289119
Ion Ratio Lower Upper
74 100
45 96.2 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 177.483 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

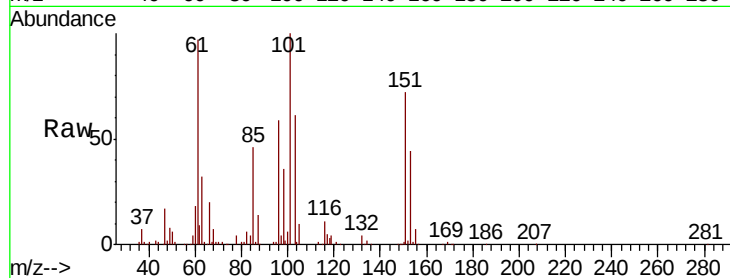
Tot Ion:101 Resp: 577832

Ion Ratio Lower Upper

101 100

85 48.0 37.0 55.6

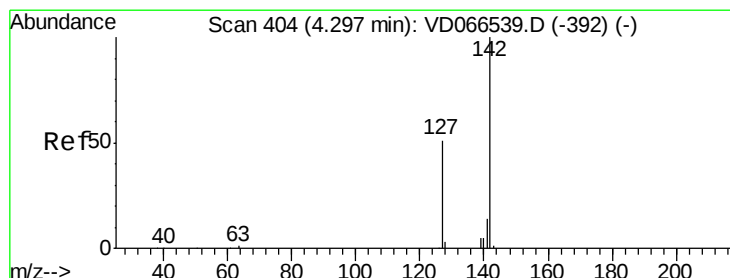
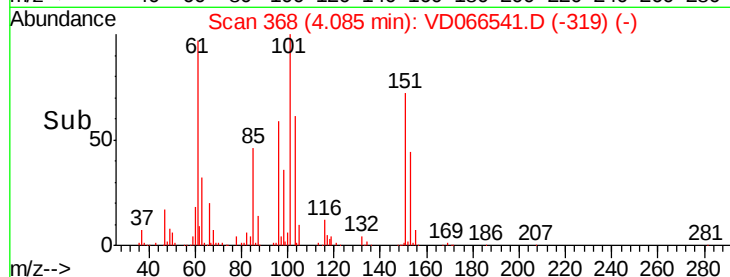
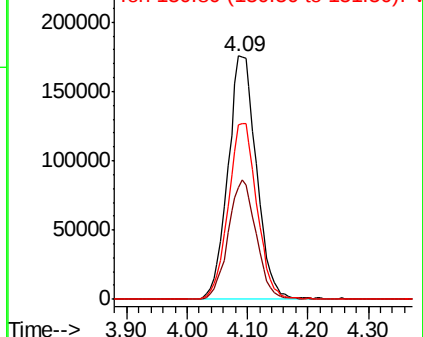
151 72.1 59.4 89.2



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: 184.871 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

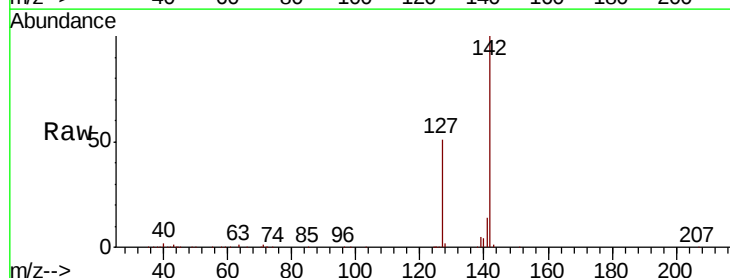
Tgt Ion:142 Resp: 631575

Ion Ratio Lower Upper

142 100

127 49.5 40.6 61.0

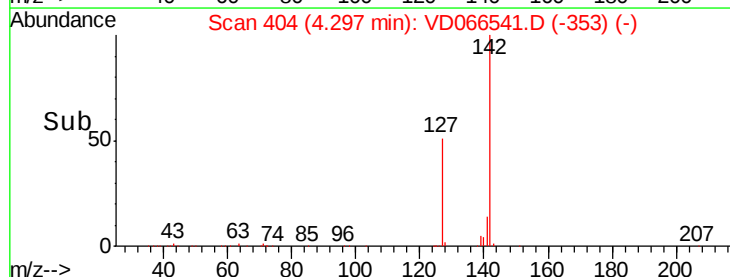
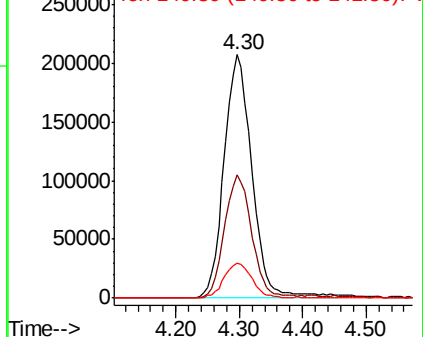
141 14.4 12.2 18.4

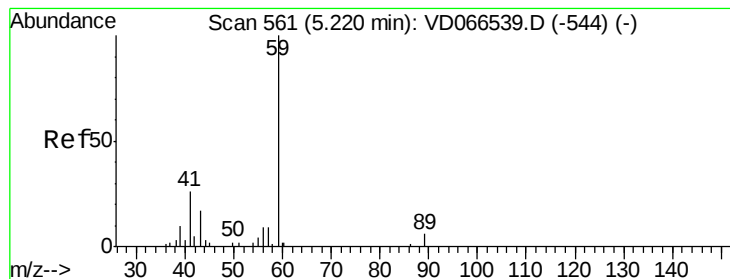


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 645.329 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

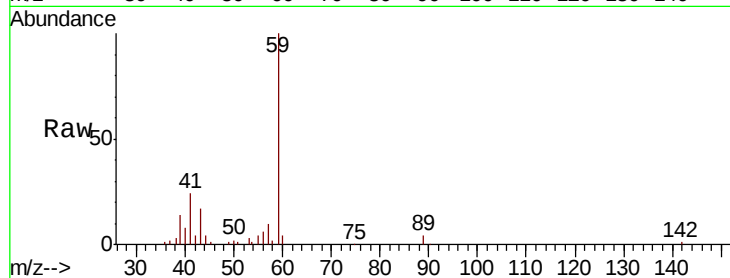
VSTDIC150

Tot Ion: 59 Resp: 196687

Ion Ratio Lower Upper

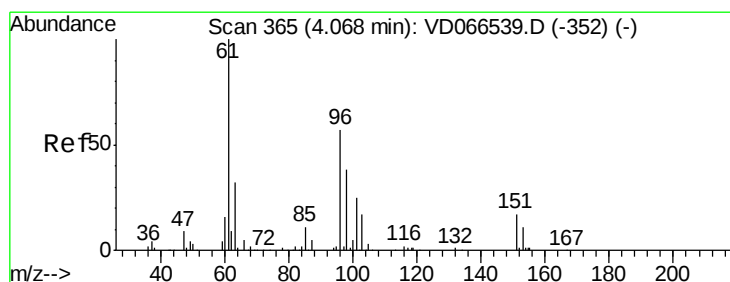
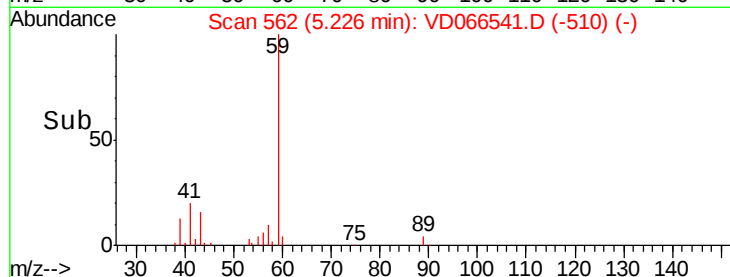
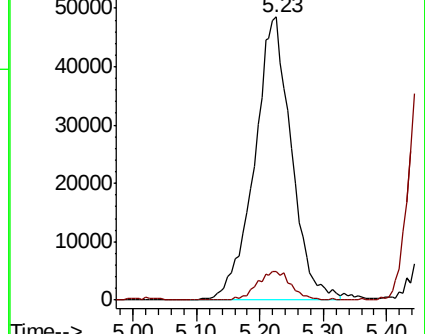
59 100

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: 180.295 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

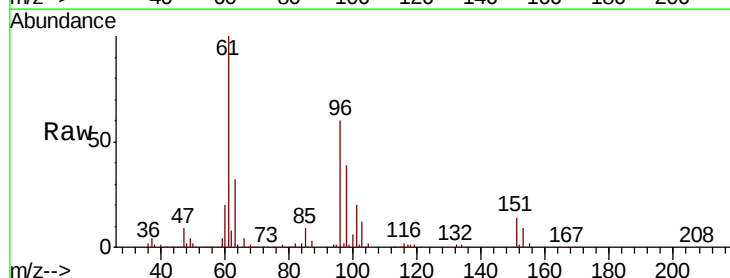
Tgt Ion: 96 Resp: 543733

Ion Ratio Lower Upper

96 100

61 166.9 140.9 211.3

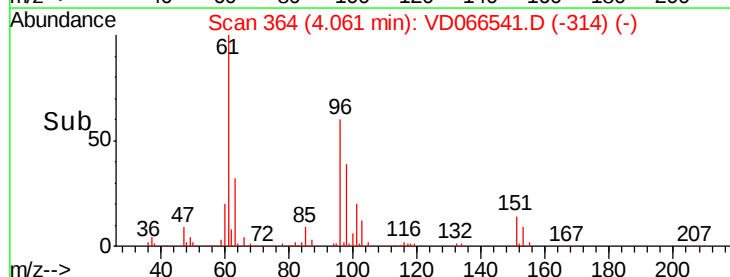
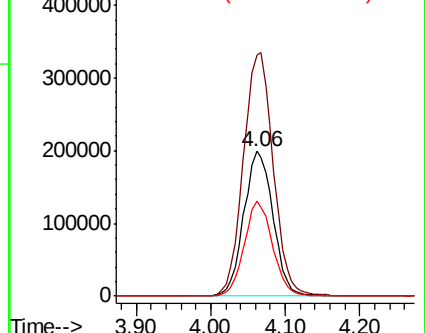
98 65.9 53.2 79.8

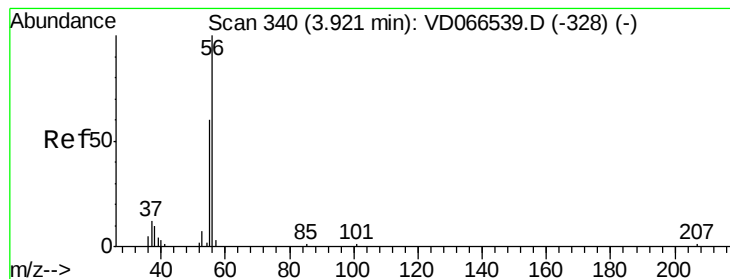


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 958.760 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

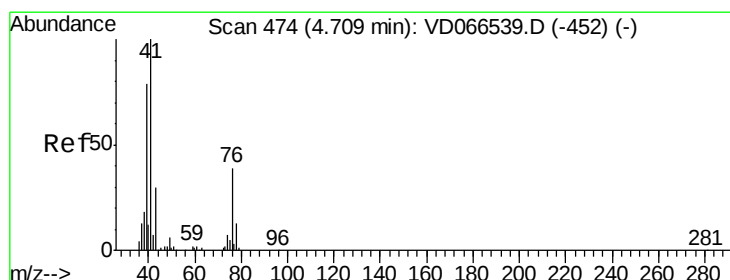
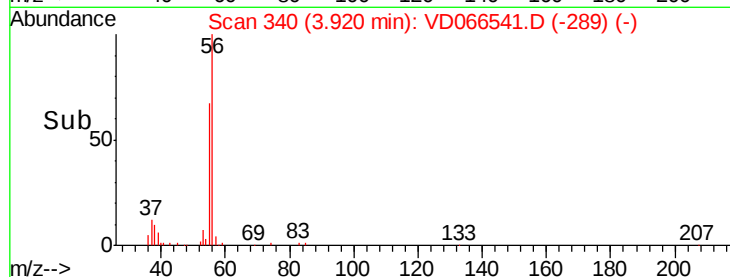
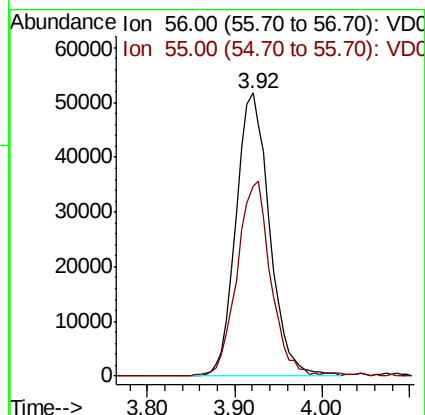
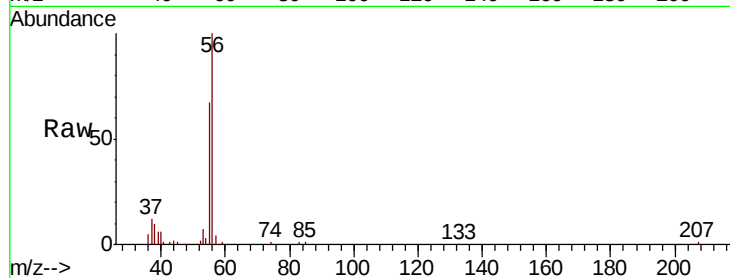
VSTDIC150

Tot Ion: 56 Resp: 134713

Ion Ratio Lower Upper

56 100

55 69.0 53.6 80.4



#14

Allyl chloride

Concen: 255.067 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

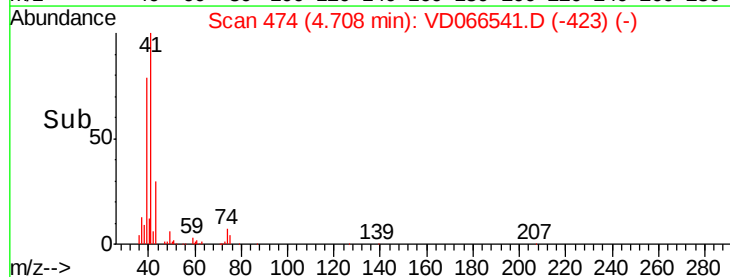
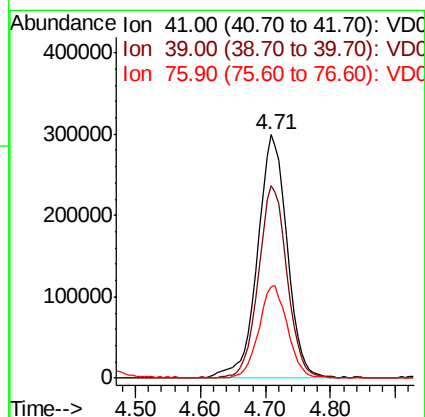
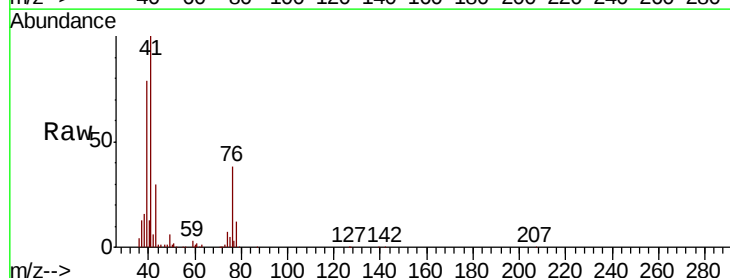
Tgt Ion: 41 Resp: 944441

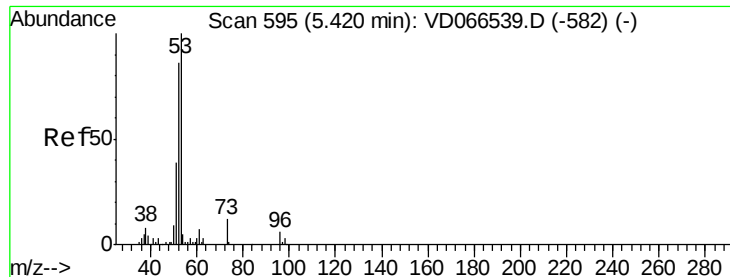
Ion Ratio Lower Upper

41 100

39 76.7 61.9 92.9

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 1169.842 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

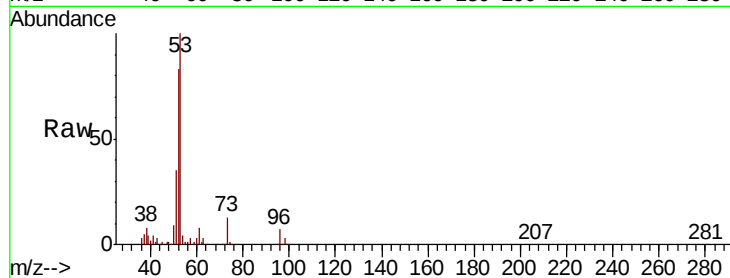
Tot Ion: 53 Resp: 649473

Ion Ratio Lower Upper

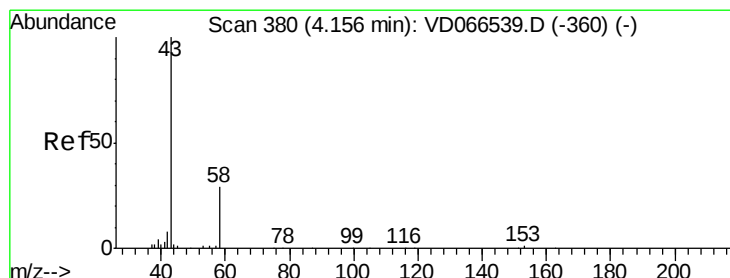
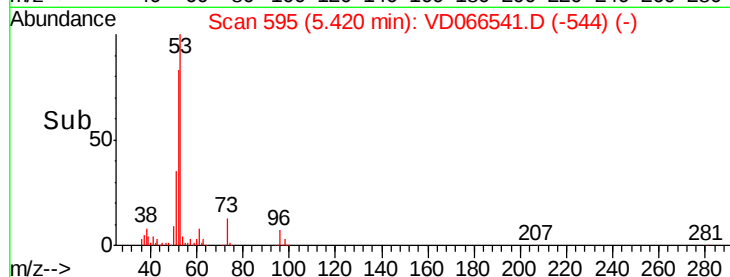
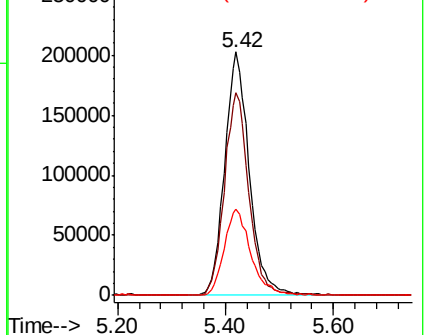
53 100

52 82.2 65.4 98.2

51 38.2 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: 927.307 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066541.D

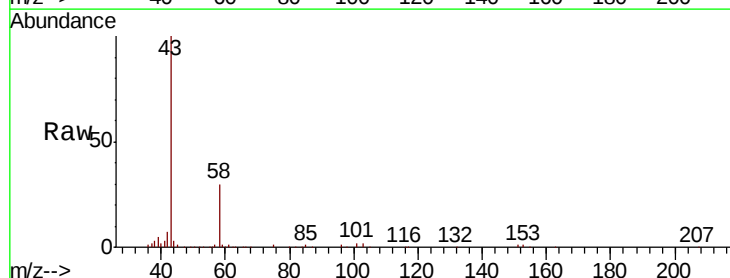
Acq: 03 Sep 2020 16:50

Tgt Ion: 43 Resp: 600187

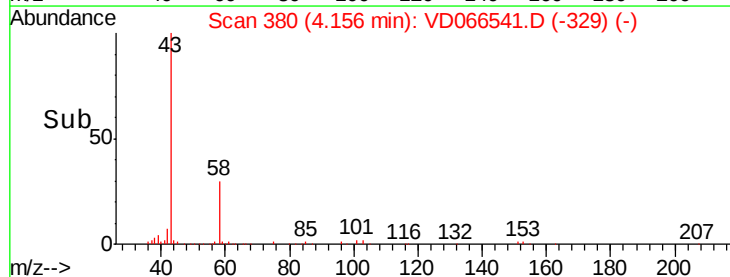
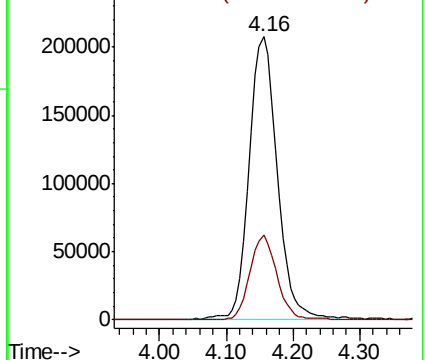
Ion Ratio Lower Upper

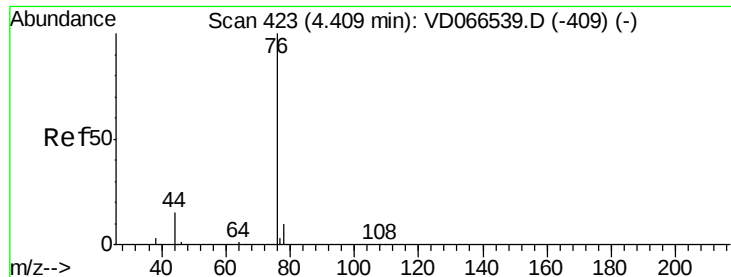
43 100

58 29.9 22.9 34.3



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

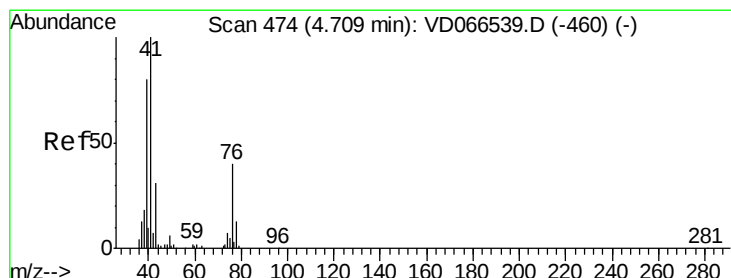
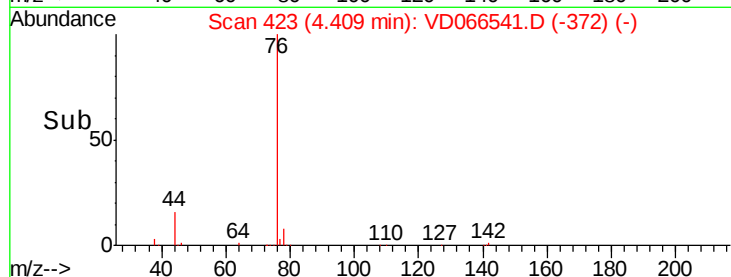
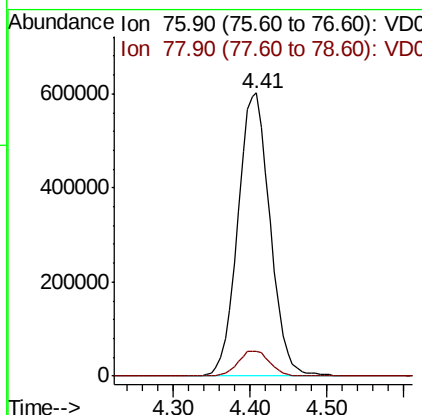
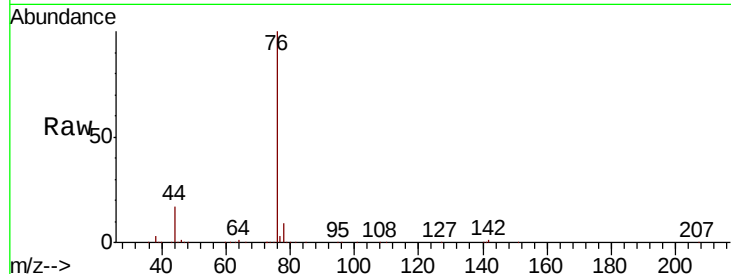




#17
Carbon Disulfide
Concen: 196.008 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

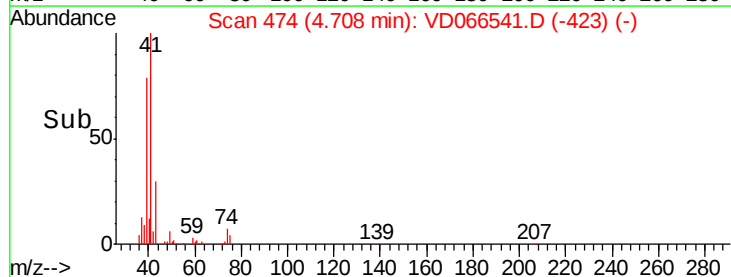
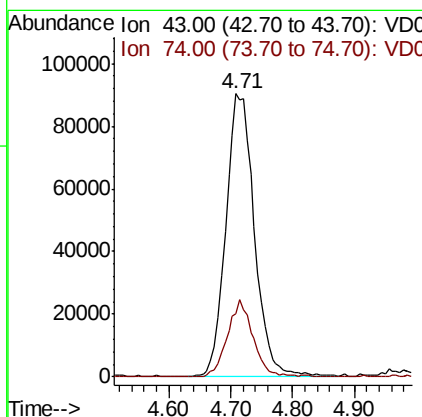
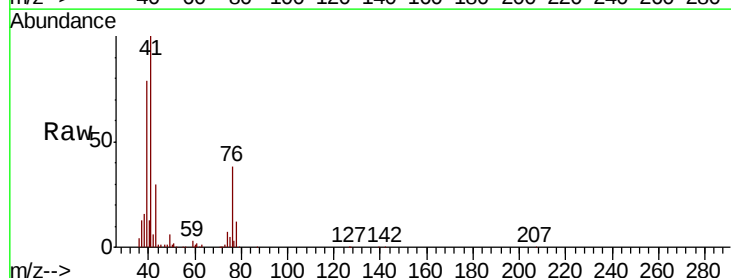
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

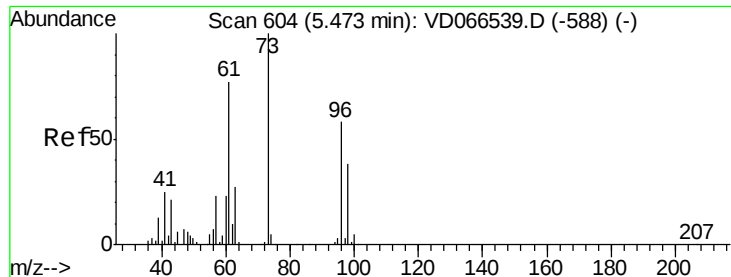
Tot Ion: 76 Resp: 1762337
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 255.682 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 43 Resp: 291563
Ion Ratio Lower Upper
43 100
74 24.3 18.0 27.0

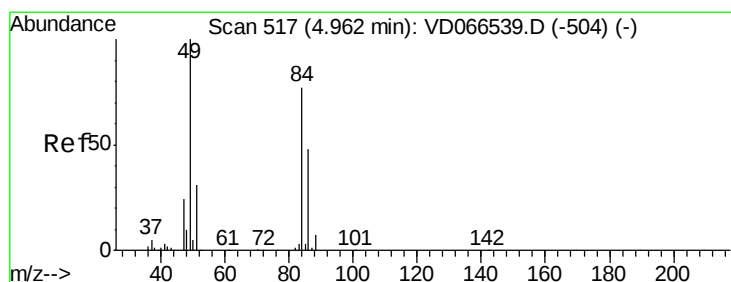
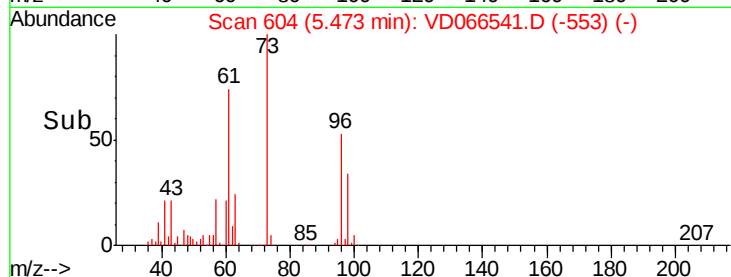
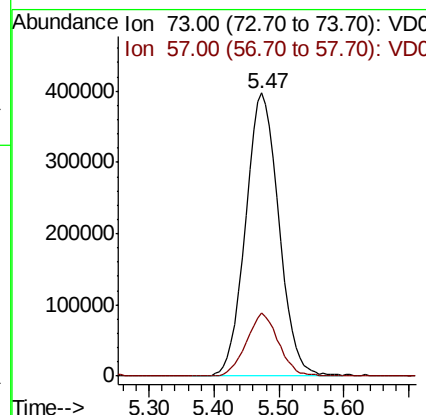
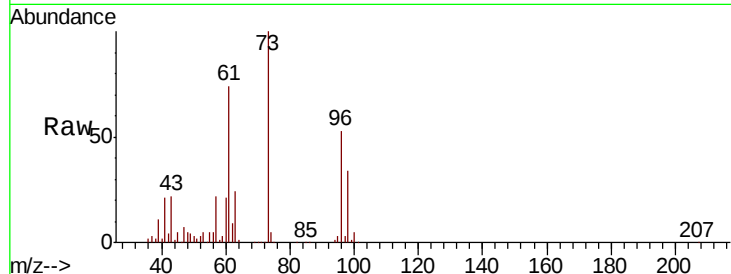




#19
Methyl tert-butyl Ether
Concen: 181.389 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

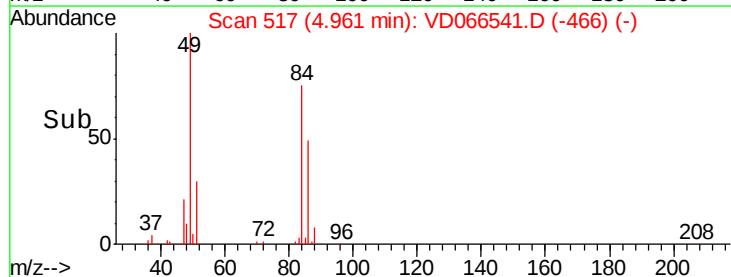
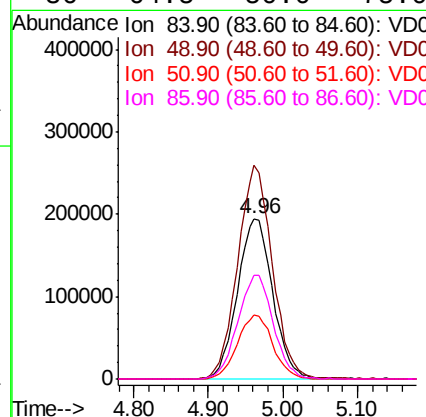
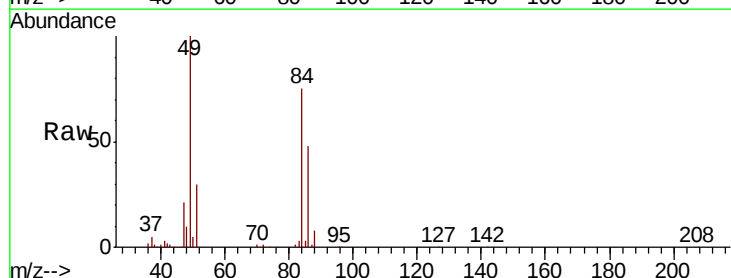
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

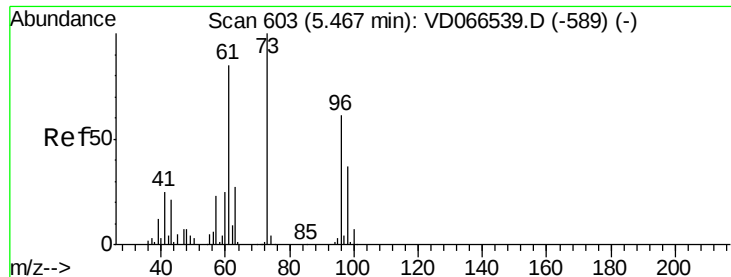
Tot Ion: 73 Resp: 1408857
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 165.910 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 84 Resp: 638670
Ion Ratio Lower Upper
84 100
49 133.2 104.3 156.5
51 40.4 32.2 48.4
86 64.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 185.548 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

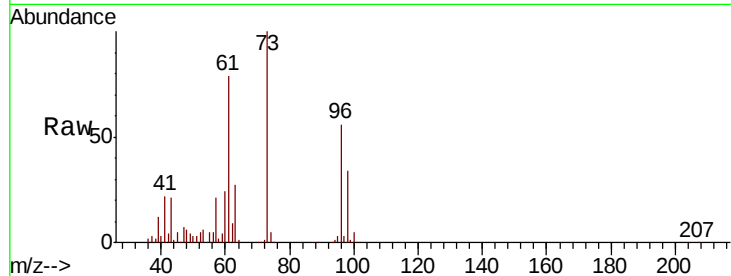
Tot Ion: 96 Resp: 650508

Ion Ratio Lower Upper

96 100

61 141.4 112.1 168.1

98 60.0 48.6 72.8

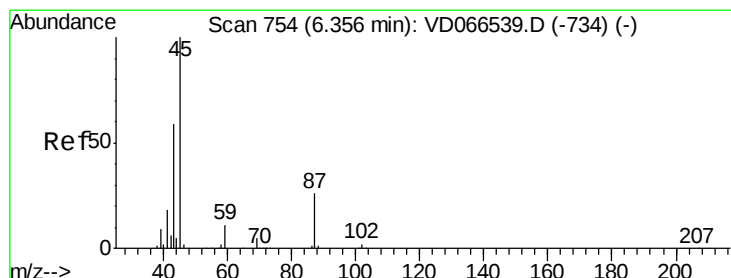
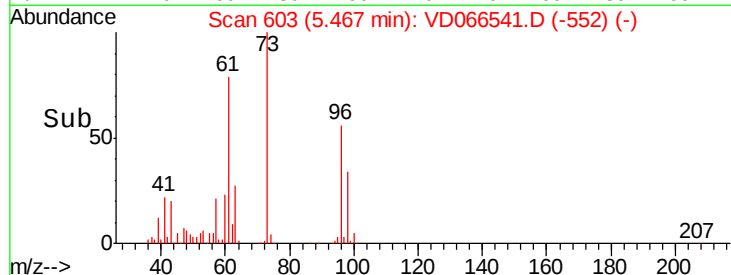
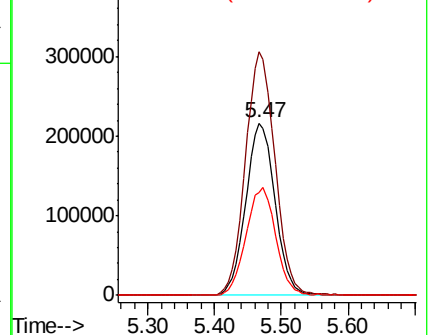


Abundance

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: 259.842 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion: 45 Resp: 1964229

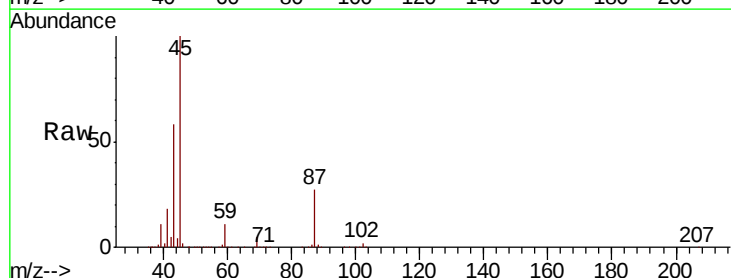
Ion Ratio Lower Upper

45 100

43 57.5 47.0 70.4

87 27.2 21.3 31.9

59 10.8 8.7 13.1



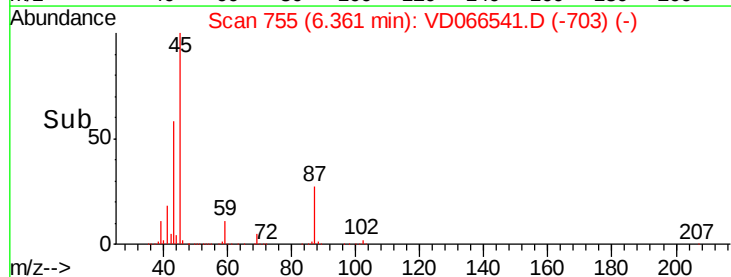
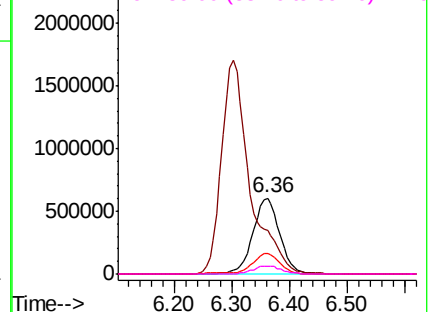
Abundance

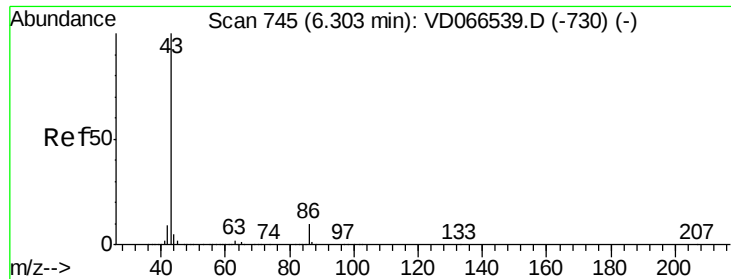
Ion 45.00 (44.70 to 45.70): VDC

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: 1235.504 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

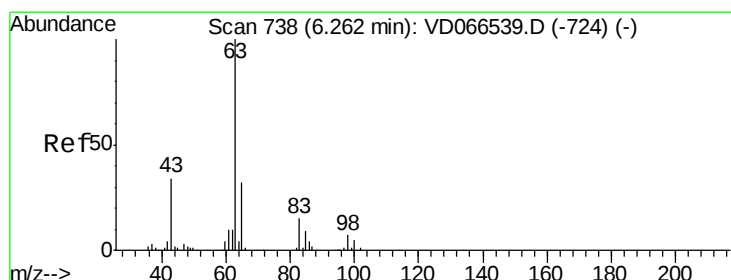
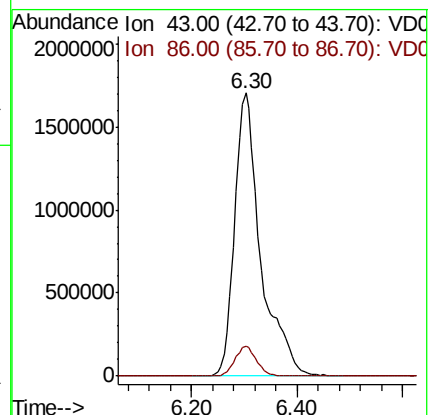
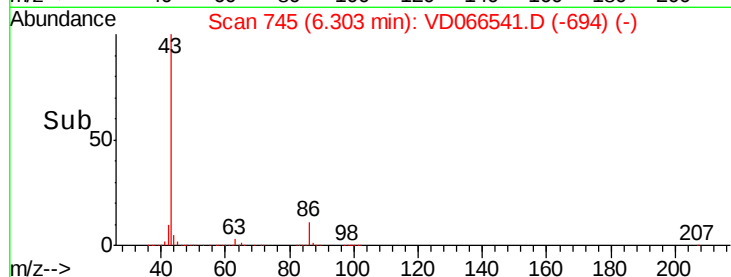
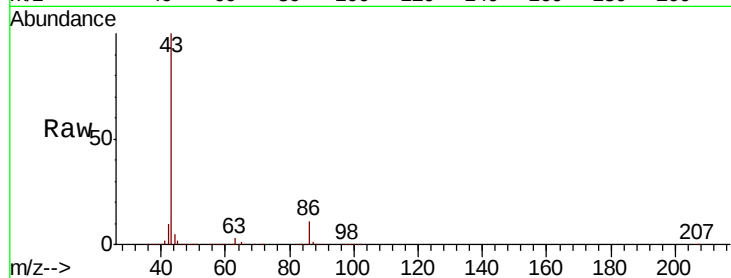
VSTDIC150

Tot Ion: 43 Resp: 5843852

Ion Ratio Lower Upper

43 100

86 10.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 209.488 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

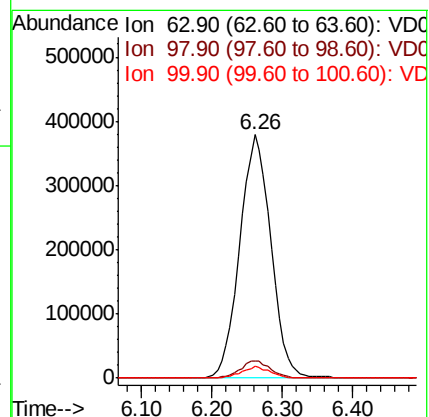
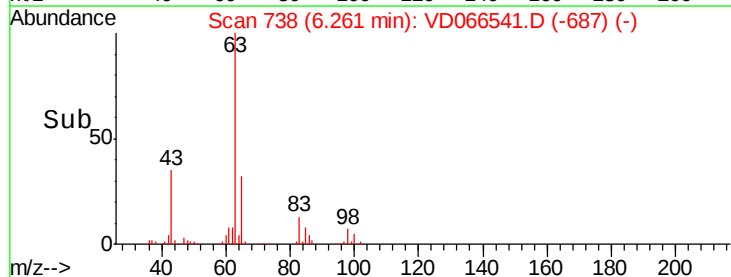
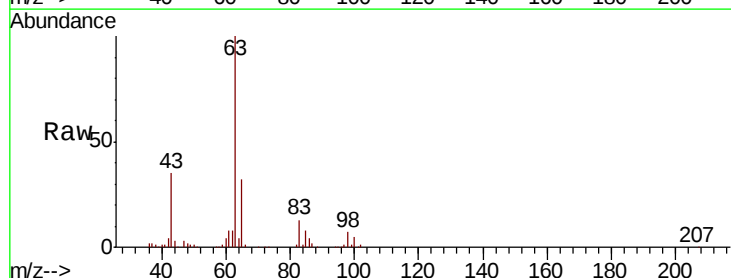
Tgt Ion: 63 Resp: 1165213

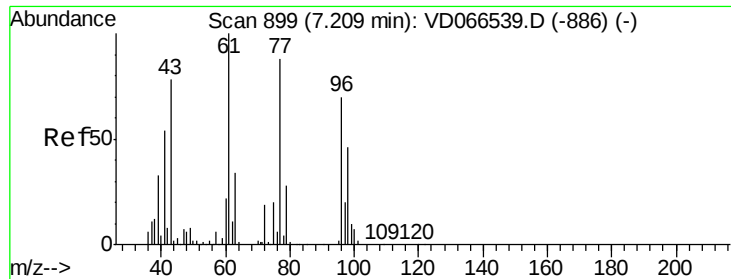
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.9 2.5 7.4

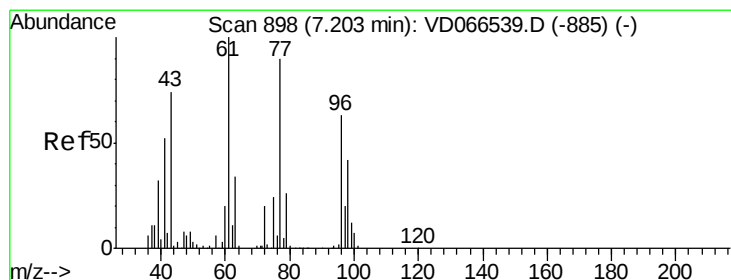
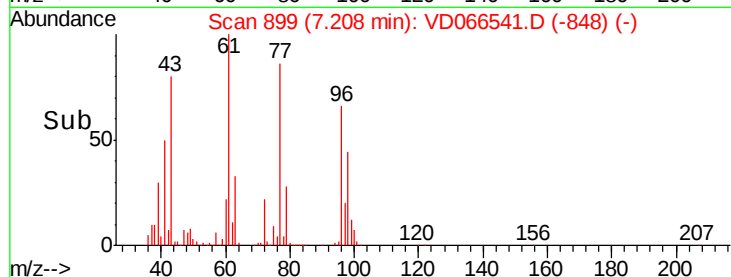
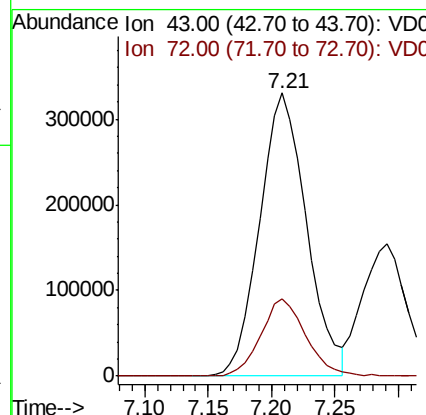
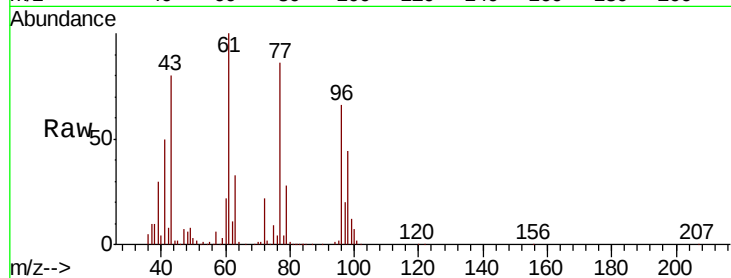




#25
2-Butanone
Concen: 1186.280 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

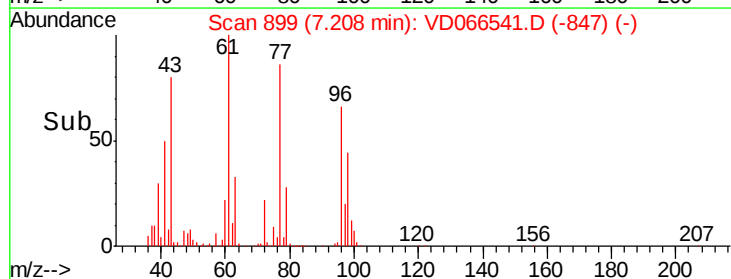
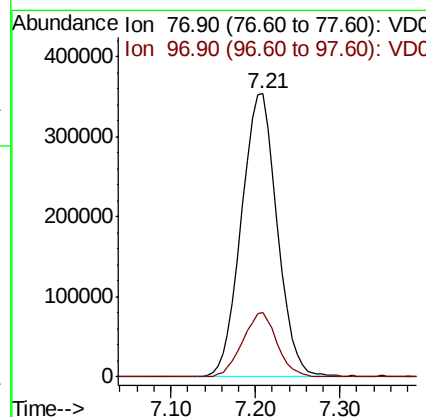
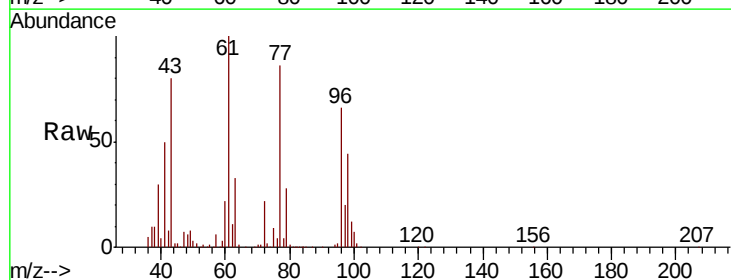
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

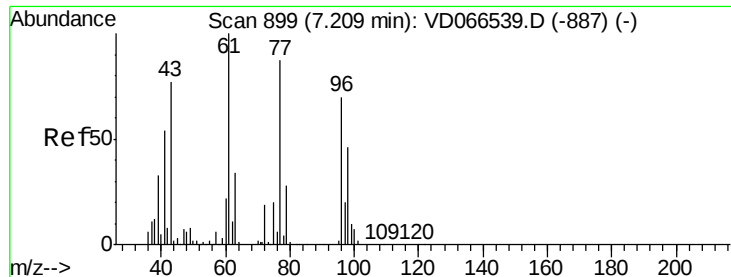
Tot Ion: 43 Resp: 848466
Ion Ratio Lower Upper
43 100
72 27.1 19.8 29.6



#26
2,2-Dichloropropane
Concen: 159.231 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 77 Resp: 1042559
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3



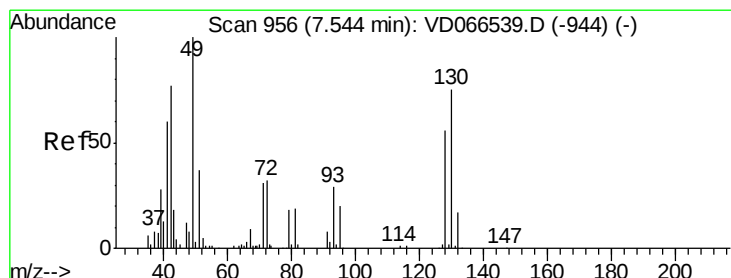
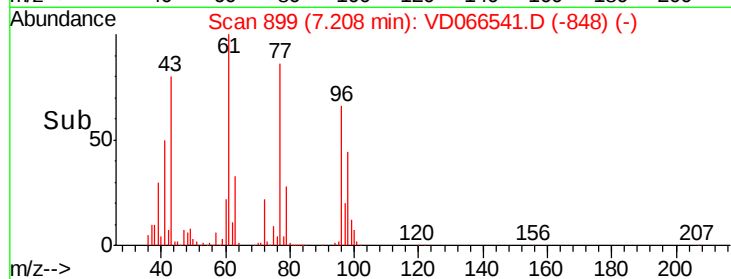
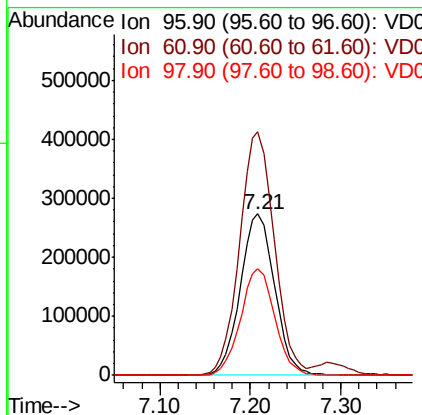
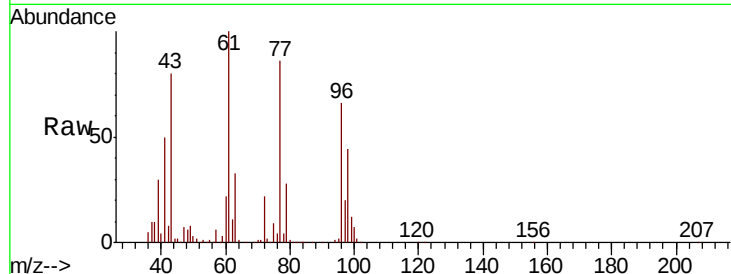


#27

cis-1,2-Dichloroethene
 Concen: 191.085 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

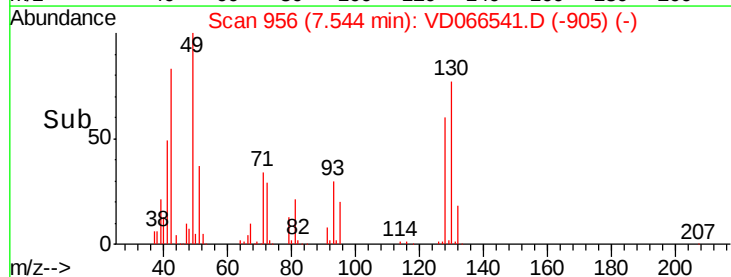
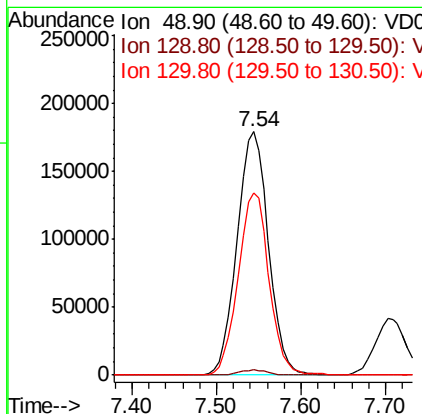
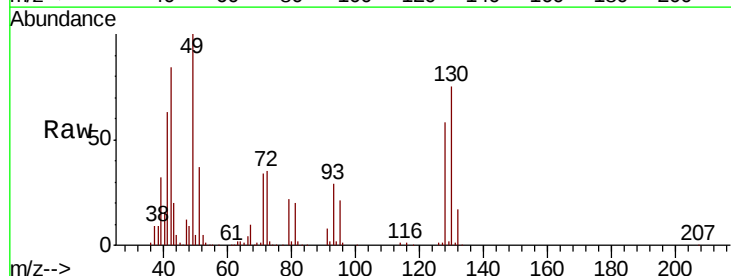
Tot Ion	96	Resp	723535
Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	301.0
98	65.5	0.0	129.8

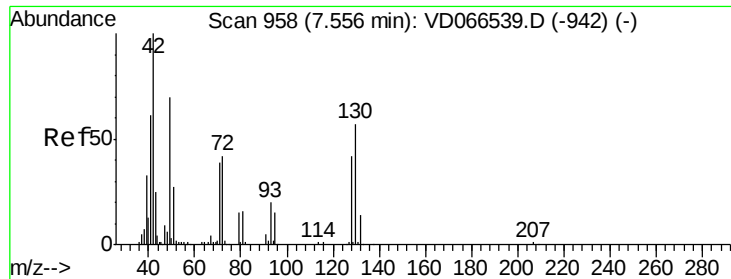


#28

Bromochloromethane
 Concen: 265.626 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	49	Resp	461774
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	73.9	58.2	87.2





#29

Tetrahydrofuran

Concen: 1390.786 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

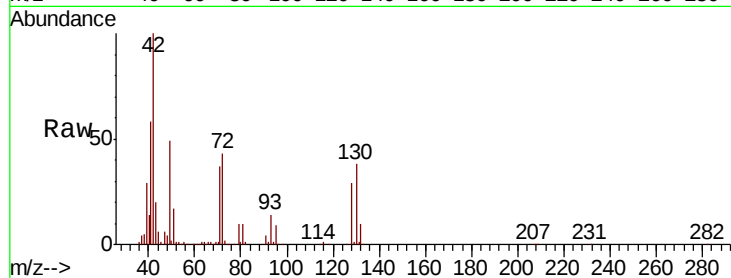
Tot Ion: 42 Resp: 542093

Ion Ratio Lower Upper

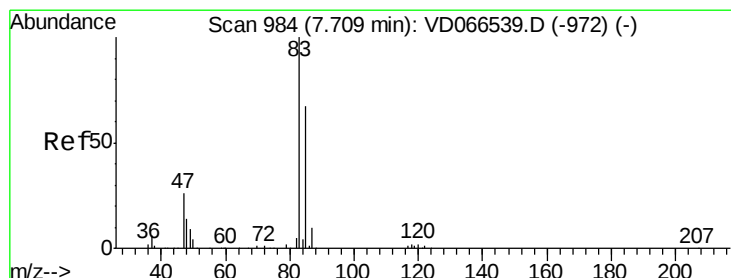
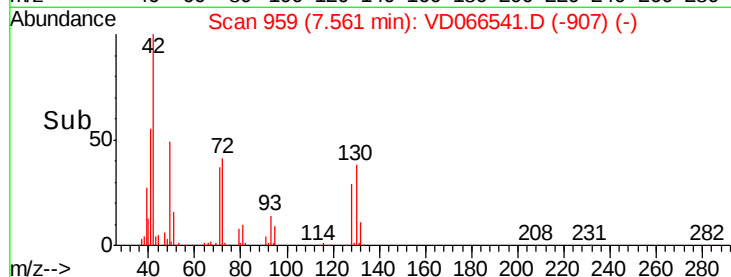
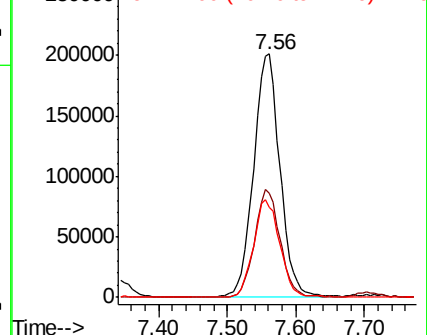
42 100

72 42.5 33.4 50.0

71 39.8 31.9 47.9



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



#30

Chloroform

Concen: 178.234 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066541.D

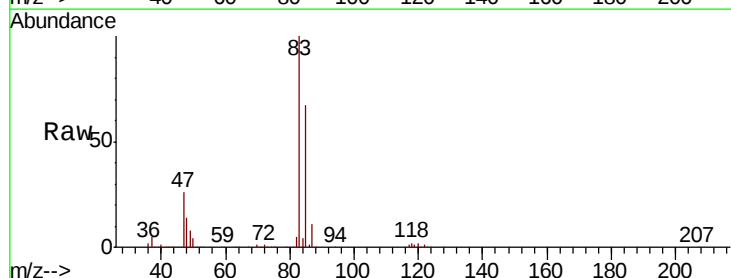
Acq: 03 Sep 2020 16:50

Tgt Ion: 83 Resp: 1217933

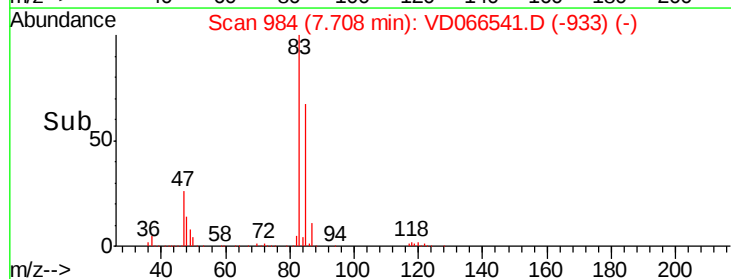
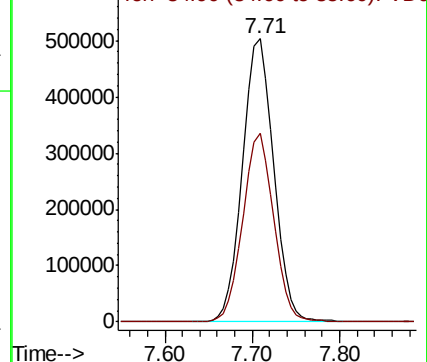
Ion Ratio Lower Upper

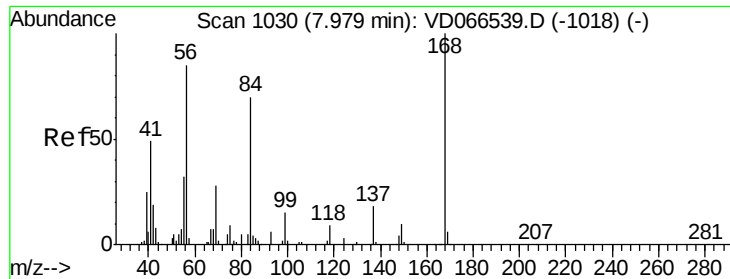
83 100

85 66.7 53.6 80.4



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

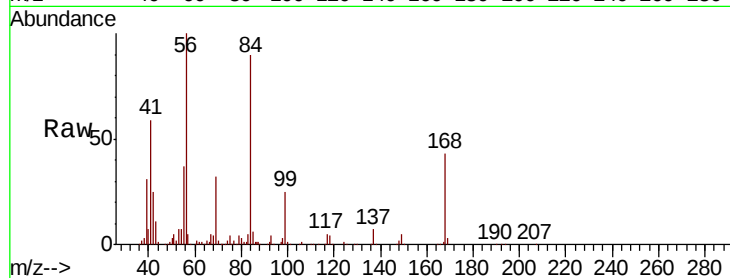




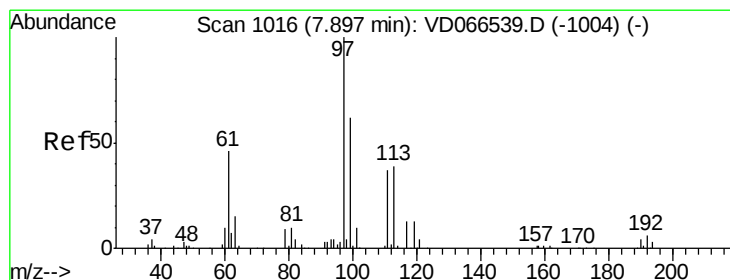
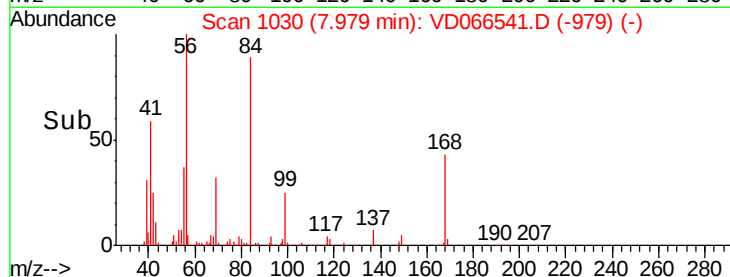
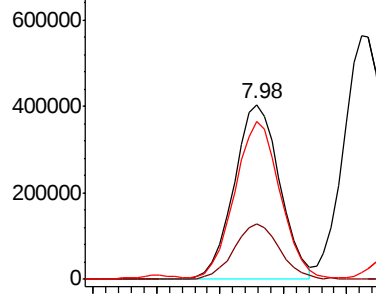
#31
Cyclohexane
Concen: 206.553 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1019509
Ion Ratio Lower Upper
56 100
69 31.5 26.3 39.5
84 88.3 66.1 99.1

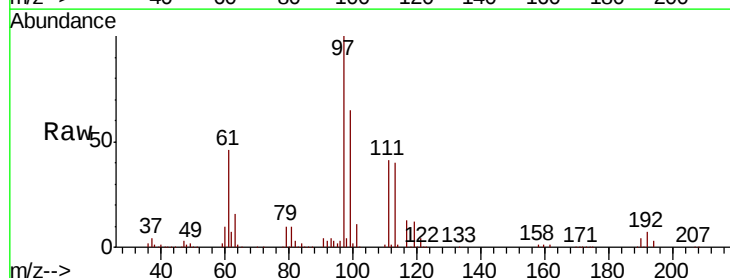


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

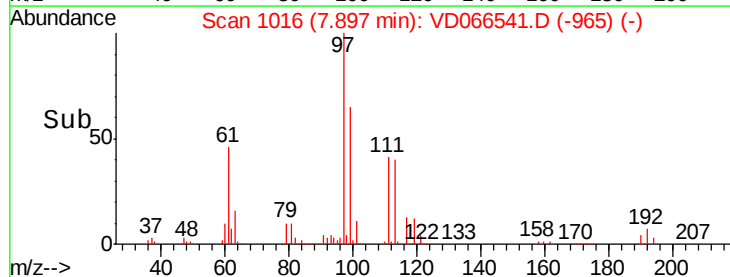
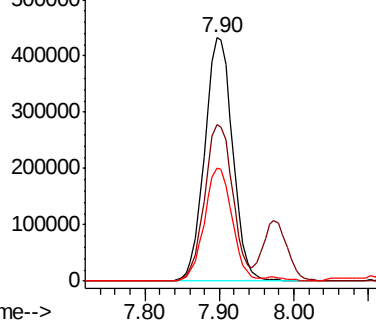


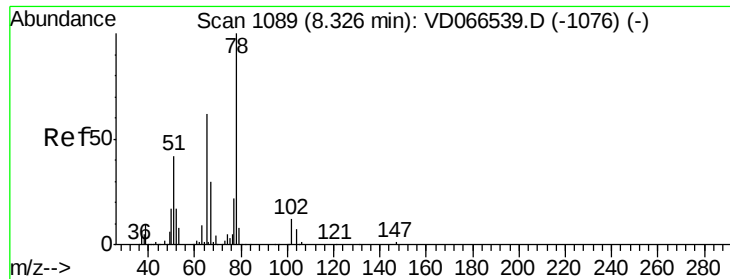
#32
1,1,1-Trichloroethane
Concen: 153.905 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 97 Resp: 1129572
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 45.8 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

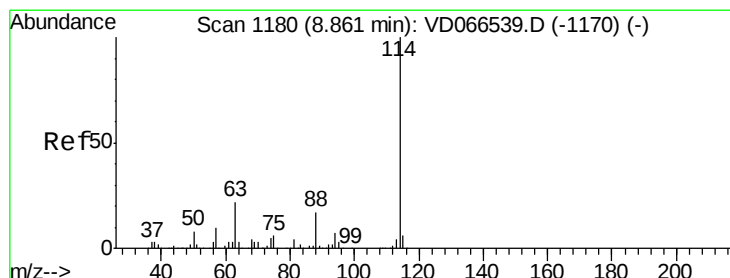
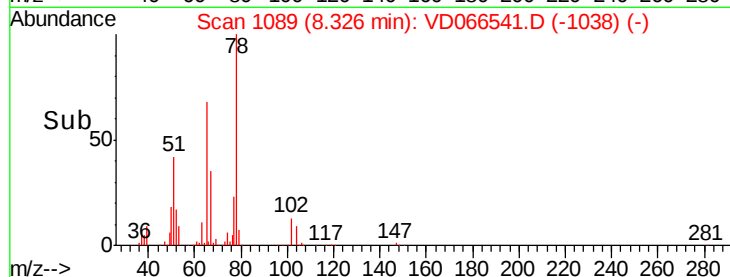
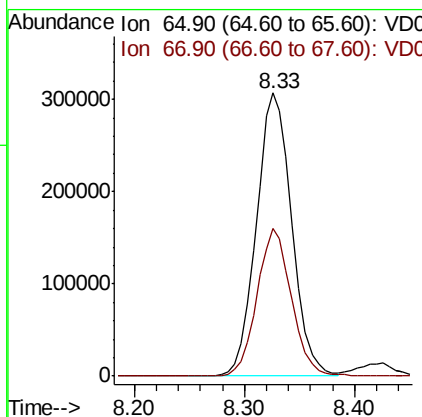
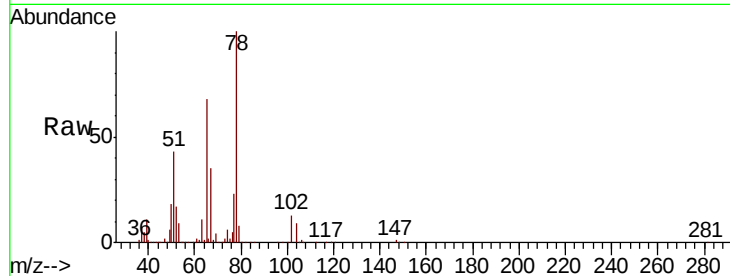




#33
 1,2-Dichloroethane-d4
 Concen: 165.713 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

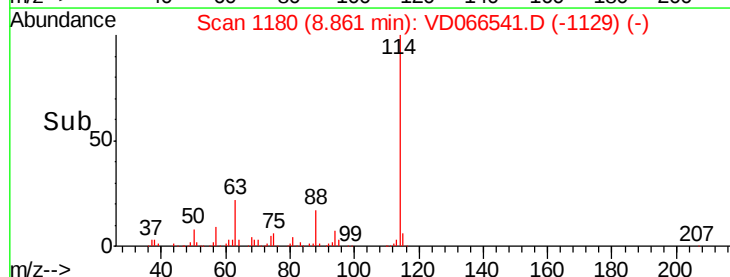
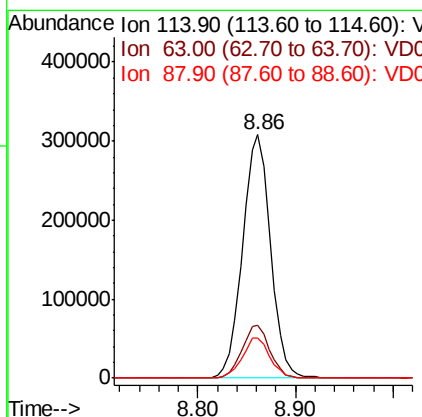
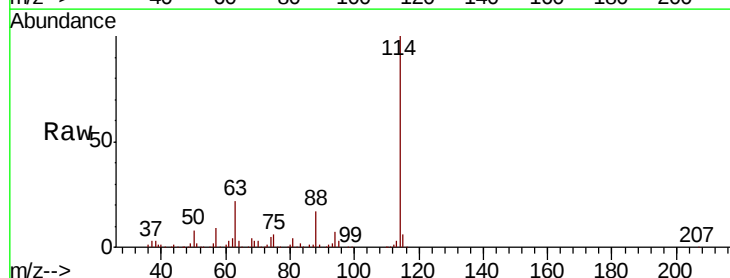
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

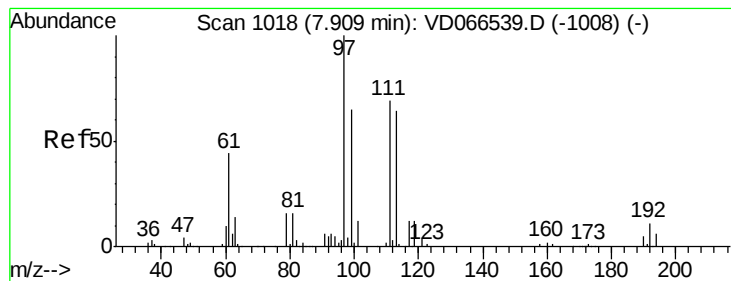
Tot Ion: 65 Resp: 686491
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion: 114 Resp: 618126
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 172.451 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

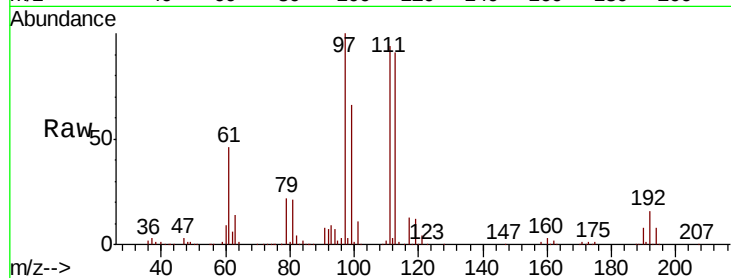
Tot Ion:113 Resp: 637596

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

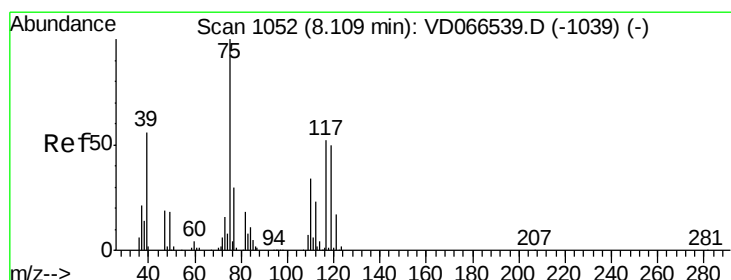
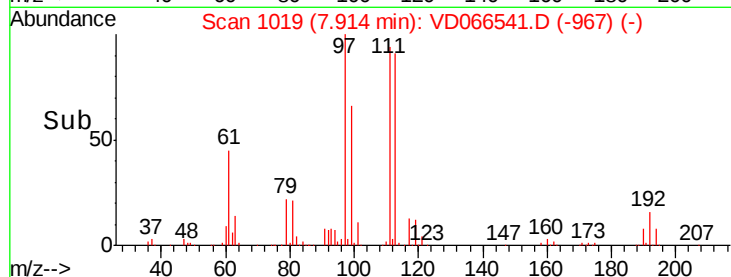
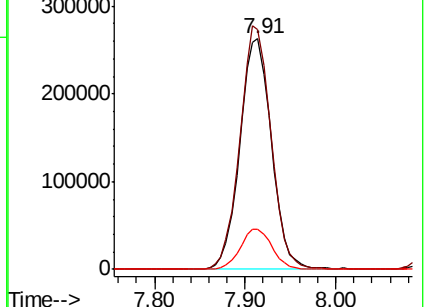
192 17.6 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 171.504 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

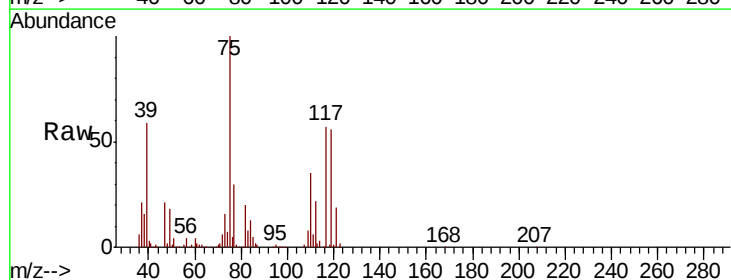
Tgt Ion: 75 Resp: 950374

Ion Ratio Lower Upper

75 100

110 34.6 17.3 52.0

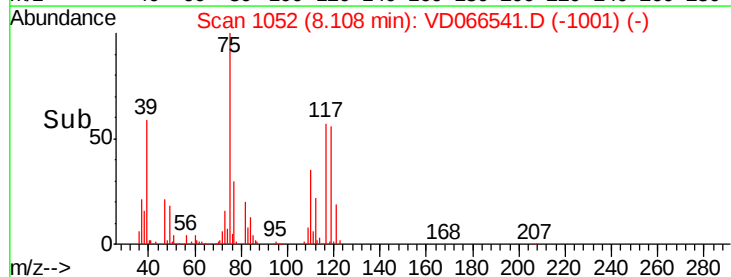
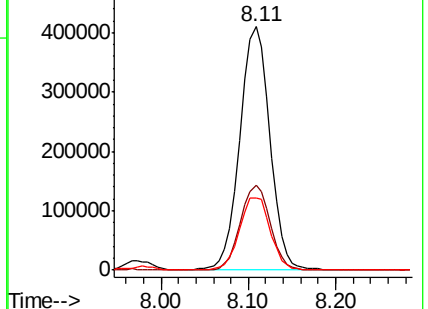
77 30.7 25.1 37.7

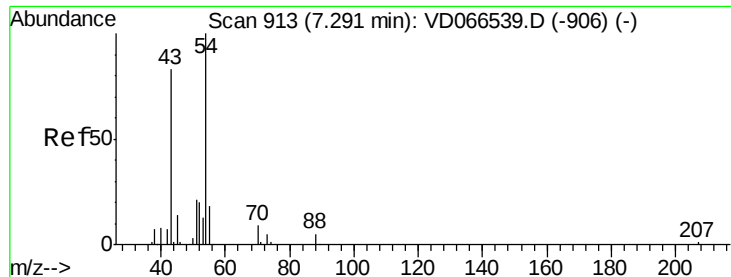


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

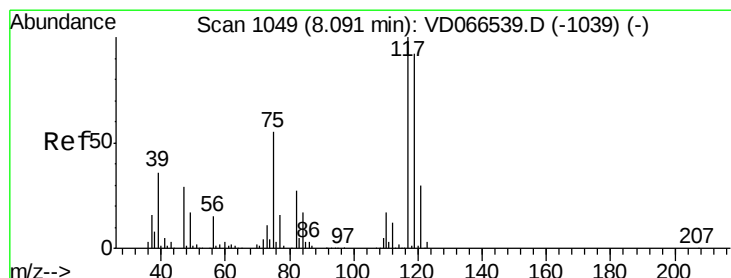
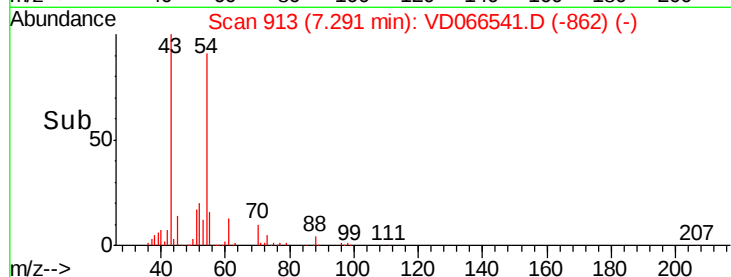
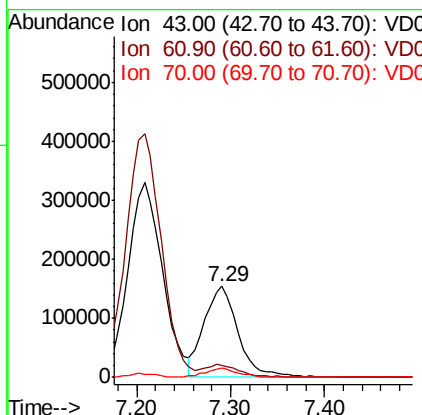
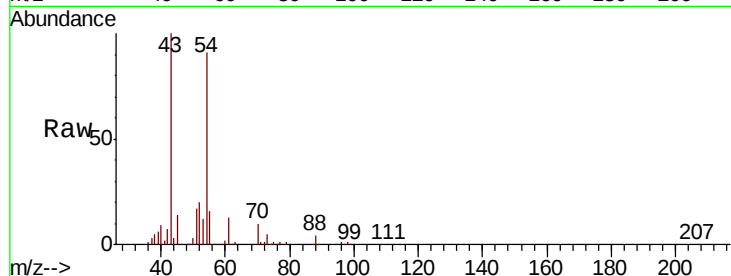




#37
Ethyl Acetate
Concen: 216.559 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

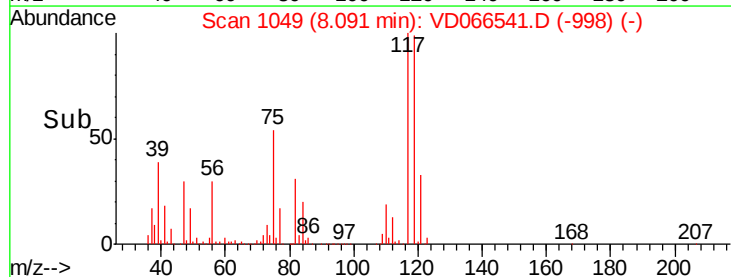
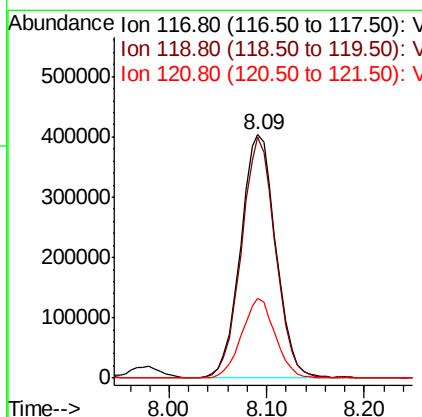
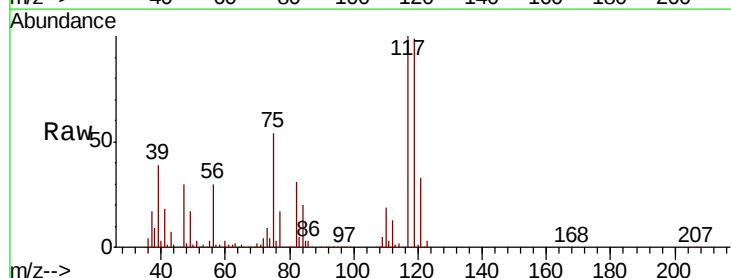
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

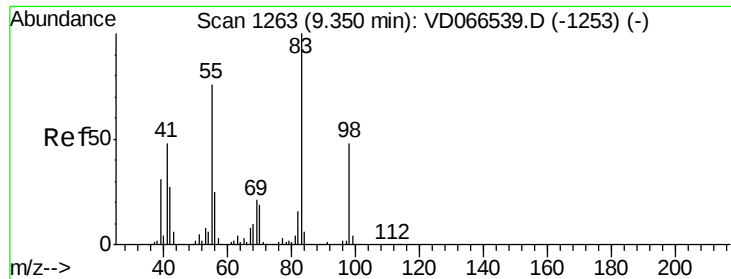
Tot Ion: 43 Resp: 385745
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.8
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 128.276 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 117 Resp: 1016471
Ion Ratio Lower Upper
117 100
119 99.2 73.9 110.9
121 32.6 24.1 36.1

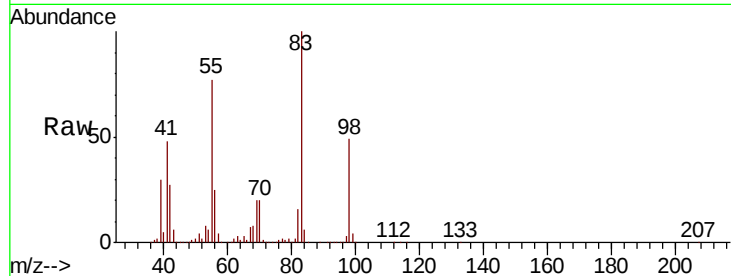




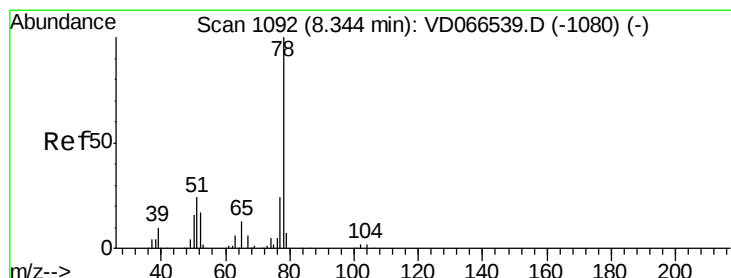
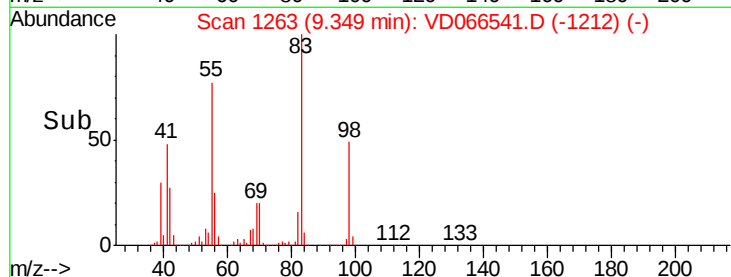
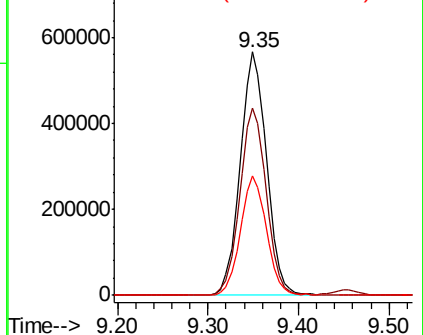
#39
Methvlcvclohexane
Concen: 175.985 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1144029
Ion Ratio Lower Upper
83 100
55 76.9 60.8 91.2
98 49.3 38.6 58.0

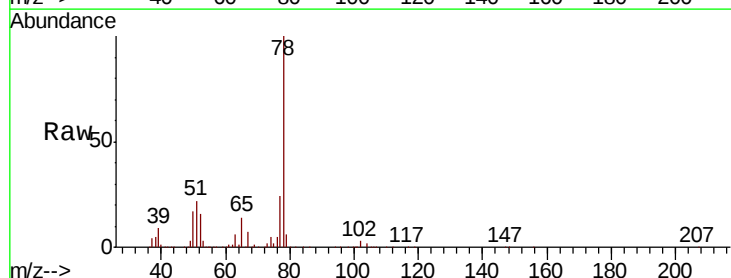


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

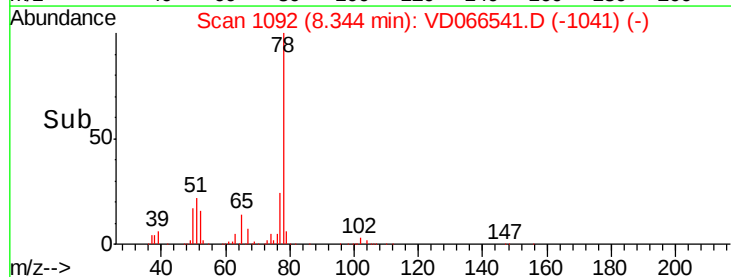
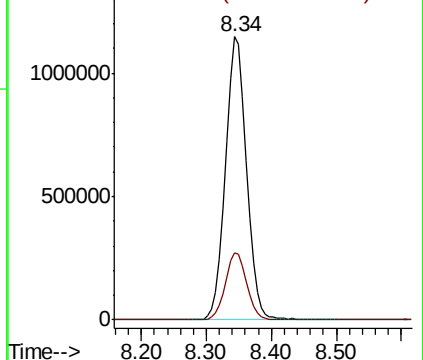


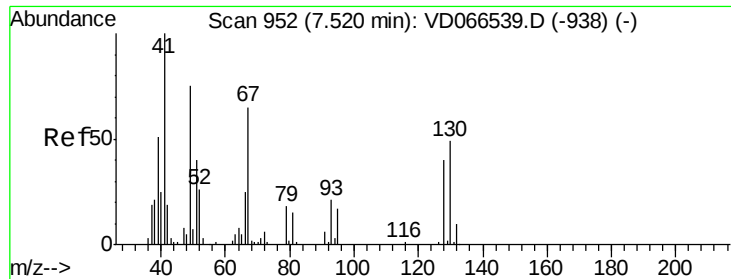
#40
Benzene
Concen: 178.622 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 78 Resp: 2576013
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

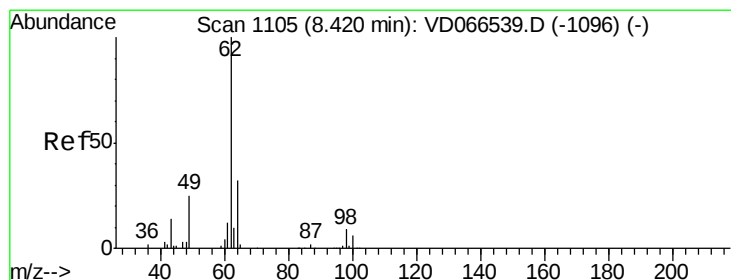
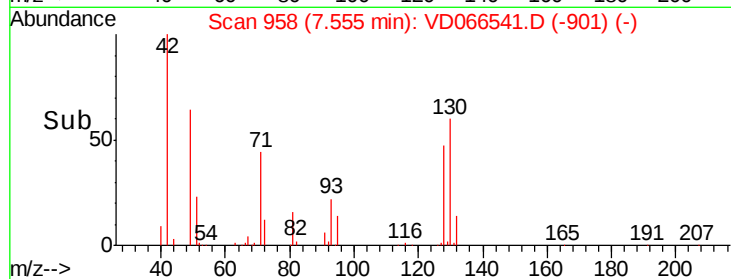
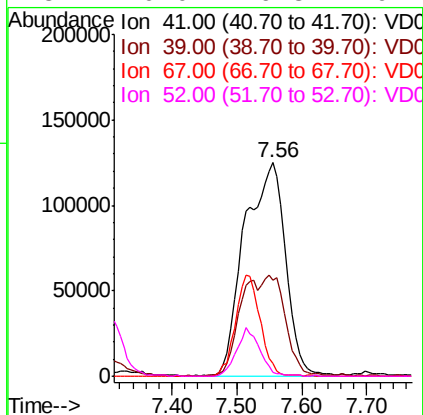
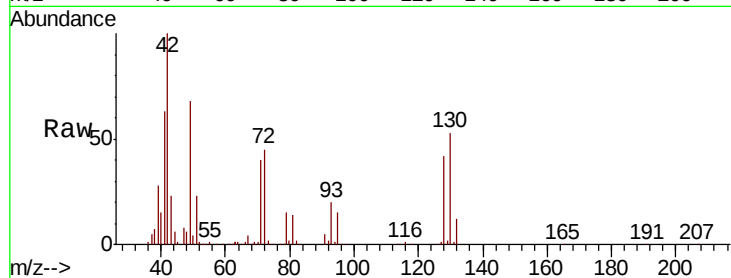




#41
Methacrylonitrile
Concen: 573.158 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

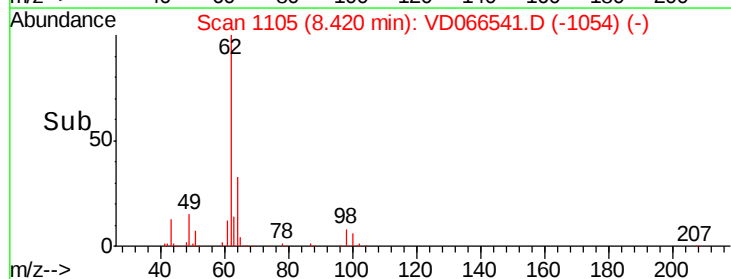
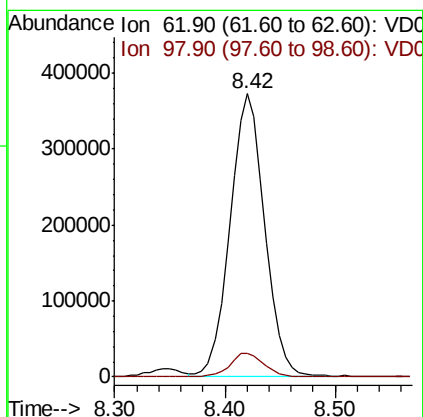
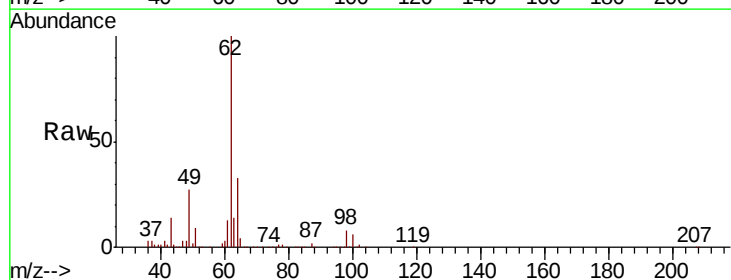
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

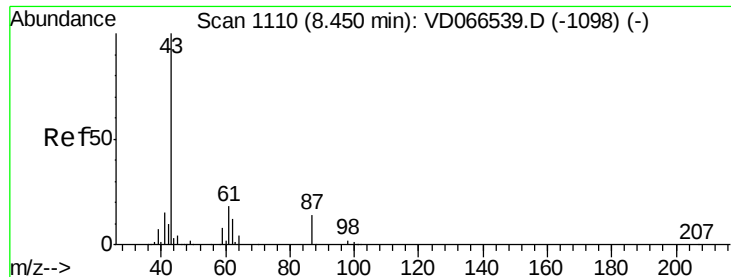
Tot Ion:	41	Resp:	543075
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 139.752 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion:	62	Resp:	812533
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 208.271 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

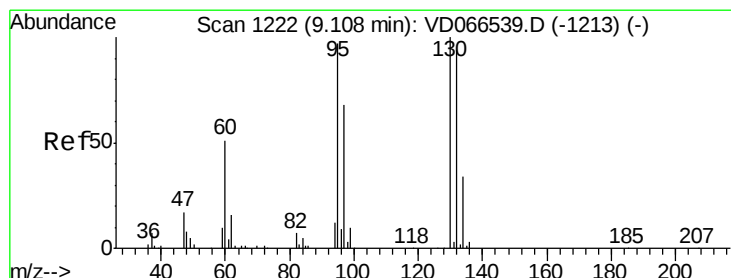
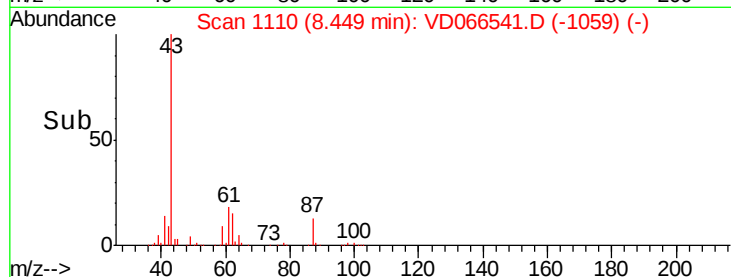
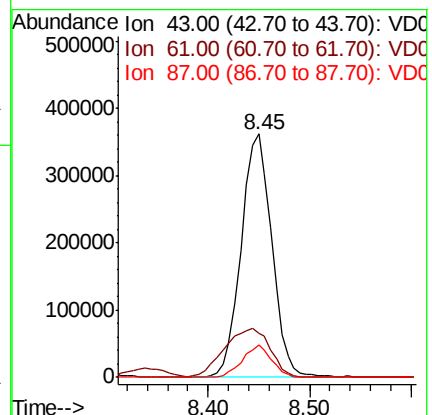
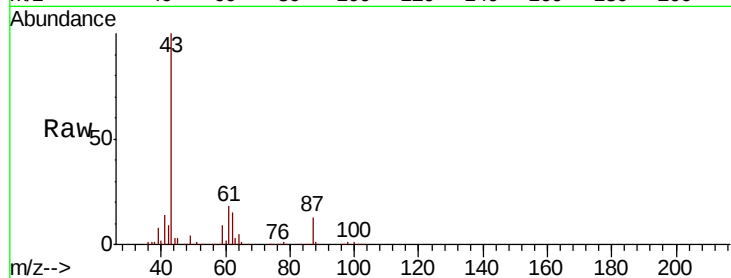
Tot Ion: 43 Resp: 756697

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.8

87 12.7 10.7 16.1



#44

Trichloroethene

Concen: 143.065 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066541.D

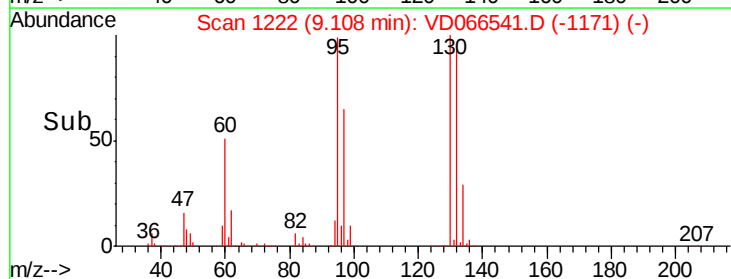
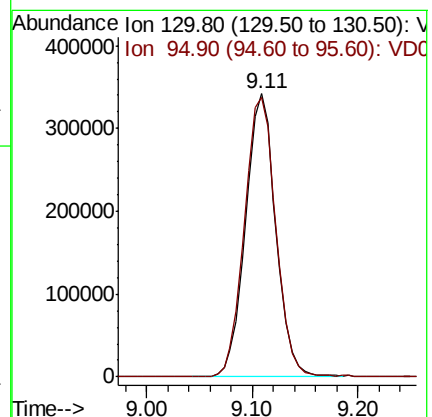
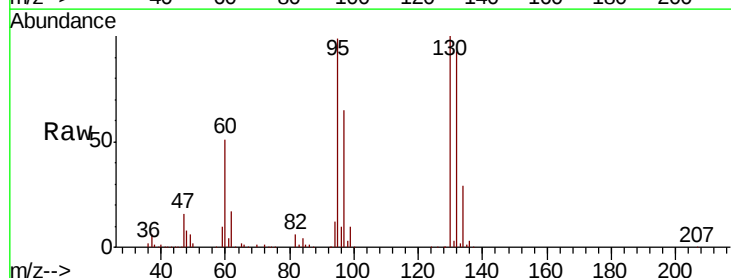
Acq: 03 Sep 2020 16:50

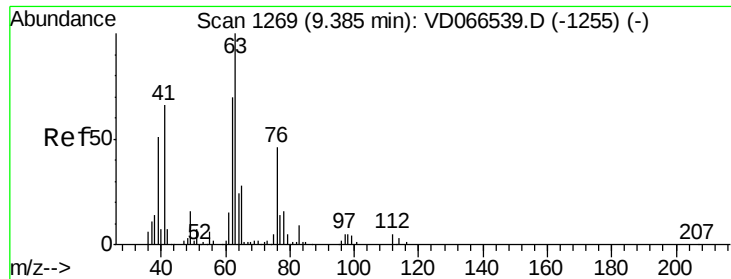
Tgt Ion: 130 Resp: 678534

Ion Ratio Lower Upper

130 100

95 99.0 0.0 194.4

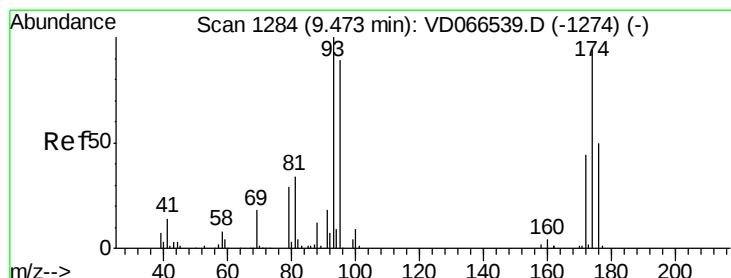
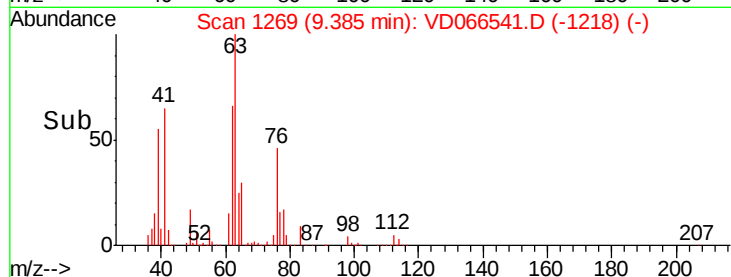
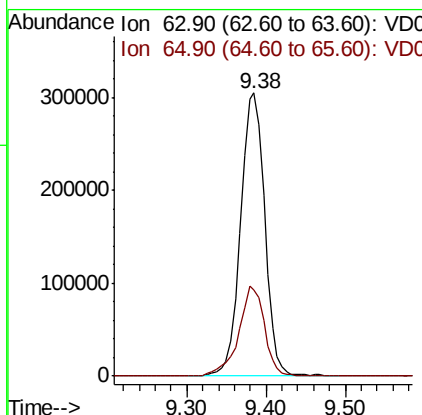
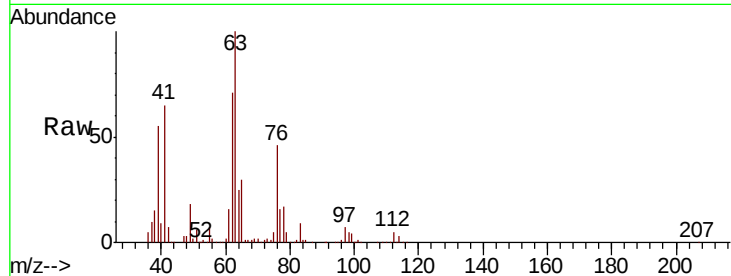




#45
 1,2-Dichloropropane
 Concen: 213.974 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

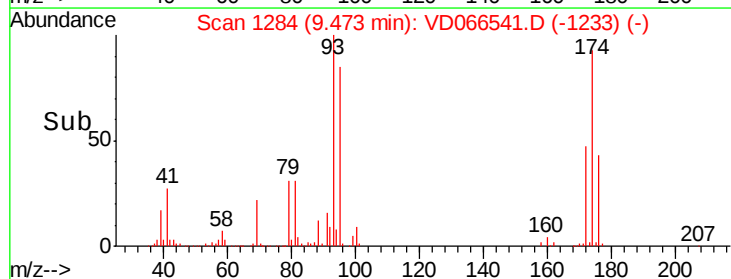
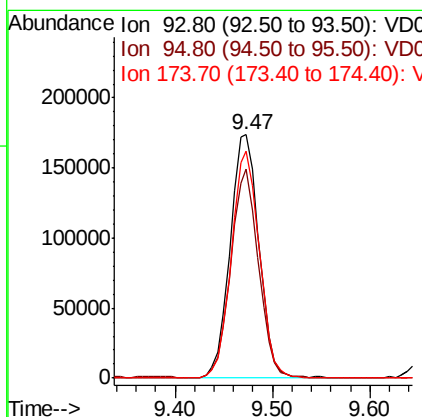
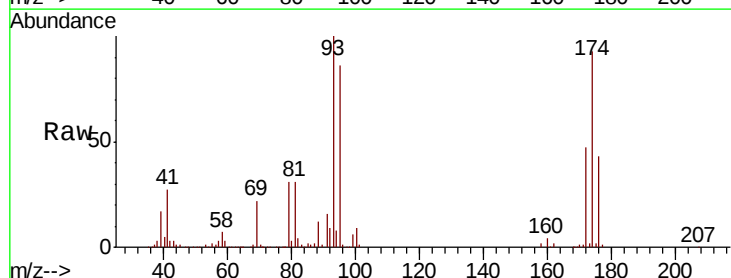
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

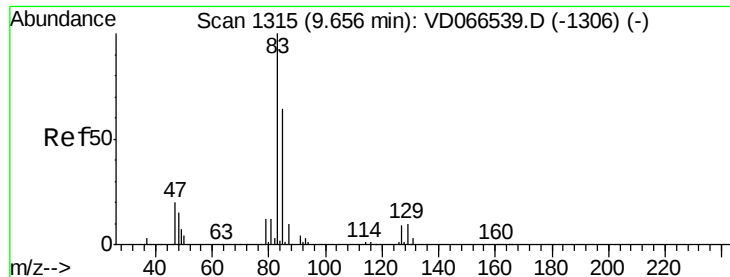
Tot Ion: 63 Resp: 645724
 Ion Ratio Lower Upper
 63 100
 65 30.3 22.6 34.0



#46
 Dibromomethane
 Concen: 172.298 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion: 93 Resp: 357093
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.7 103.1
 174 90.8 70.0 105.0





#47

Bromodichloromethane

Concen: 159.824 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

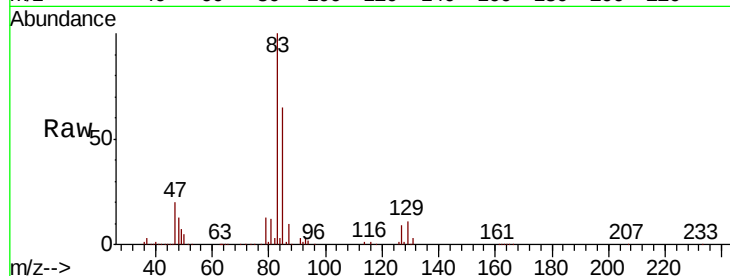
Tot Ion: 83 Resp: 969585

Ion Ratio Lower Upper

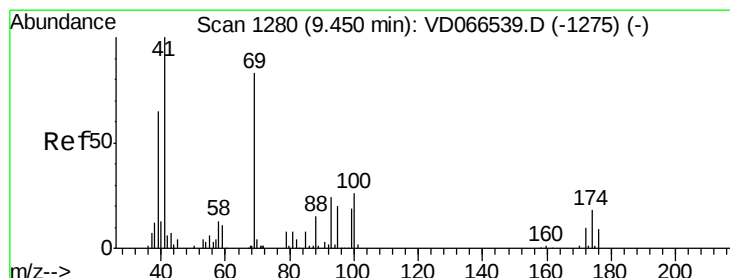
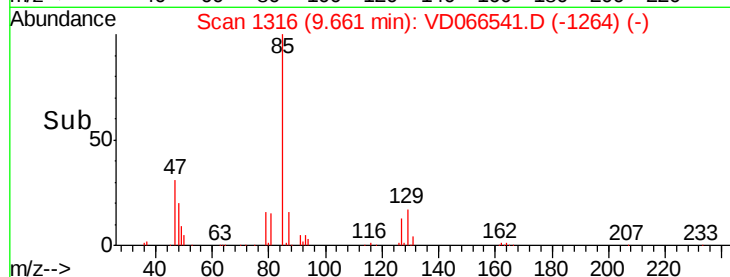
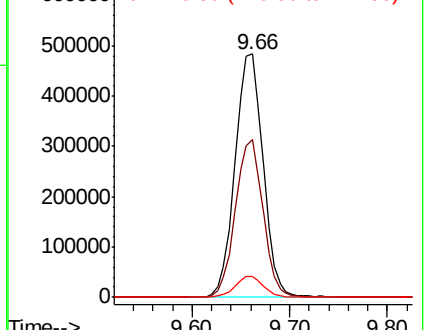
83 100

85 64.8 51.1 76.7

127 8.5 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: 216.840 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

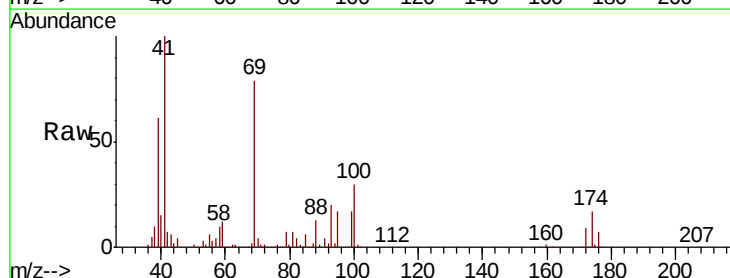
Tgt Ion: 41 Resp: 402032

Ion Ratio Lower Upper

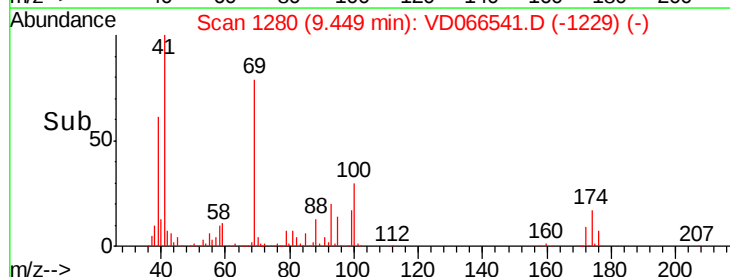
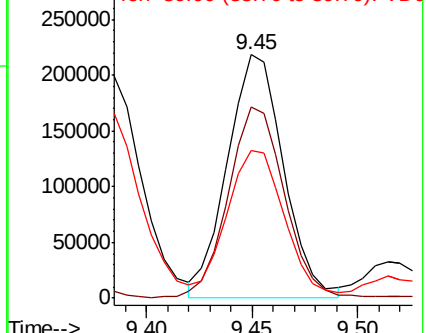
41 100

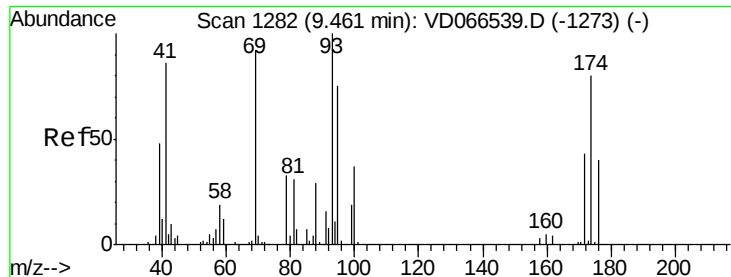
69 79.2 64.5 96.7

39 57.4 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: 3431.881 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

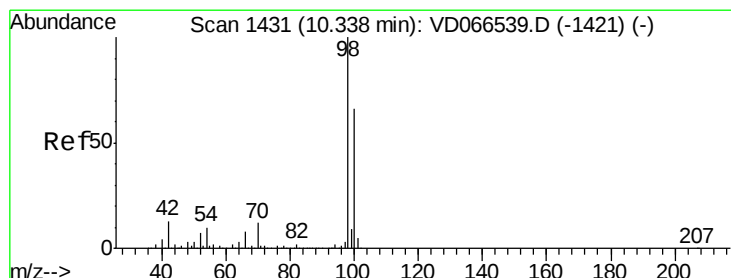
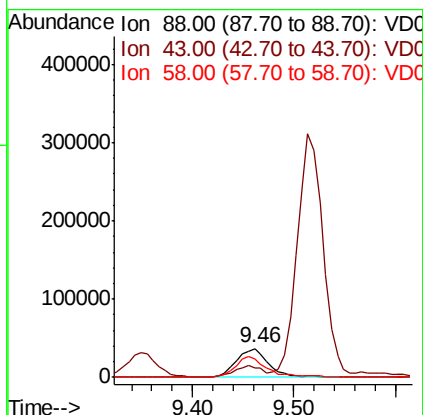
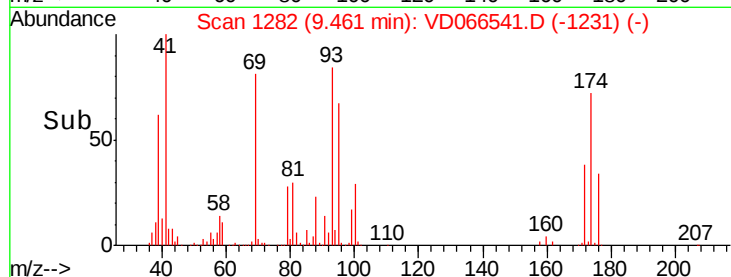
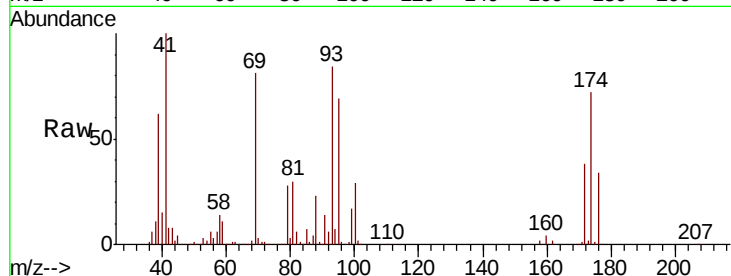
Tot Ion: 88 Resp: 82310

Ion Ratio Lower Upper

88 100

43 32.7 28.3 42.5

58 69.9 56.1 84.1



#50

Toluene-d8

Concen: 173.337 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066541.D

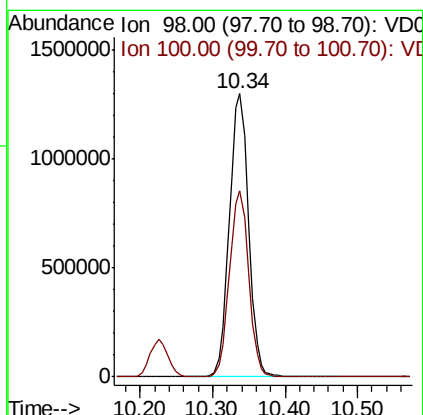
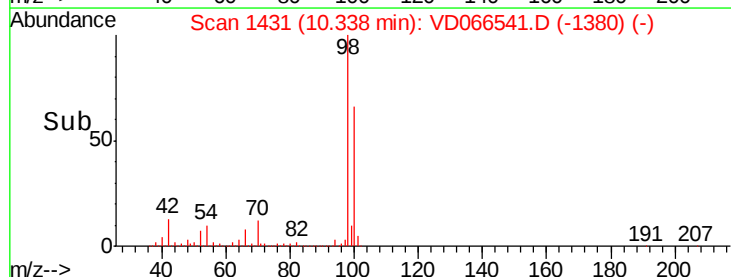
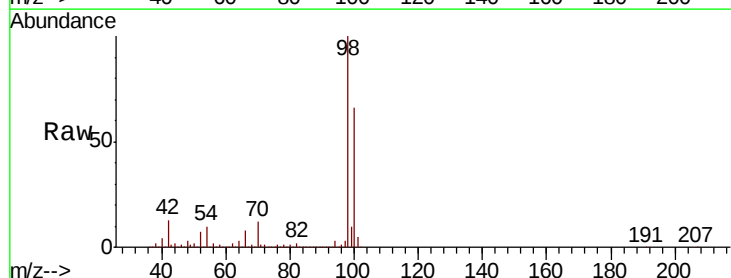
Acq: 03 Sep 2020 16:50

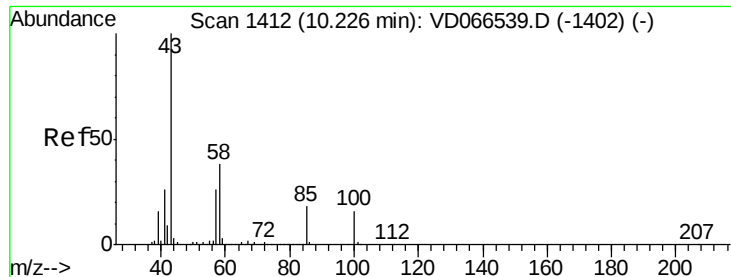
Tgt Ion: 98 Resp: 2392887

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1131.128 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

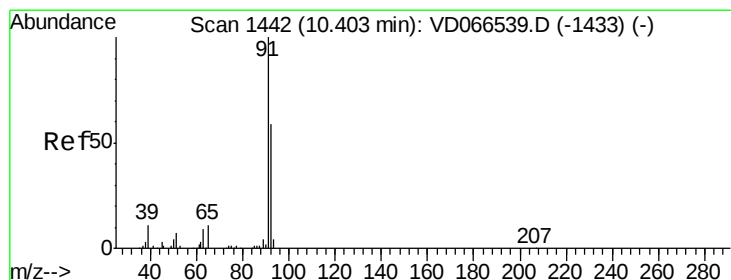
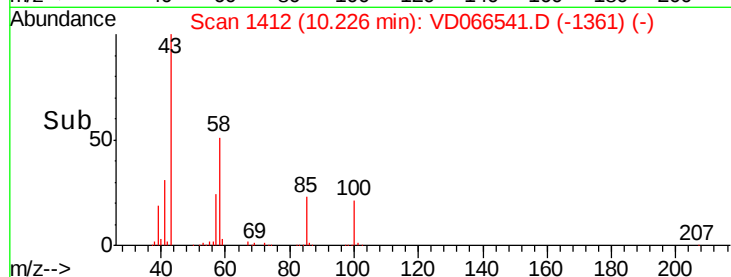
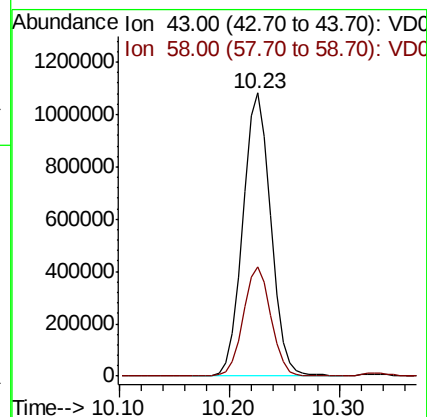
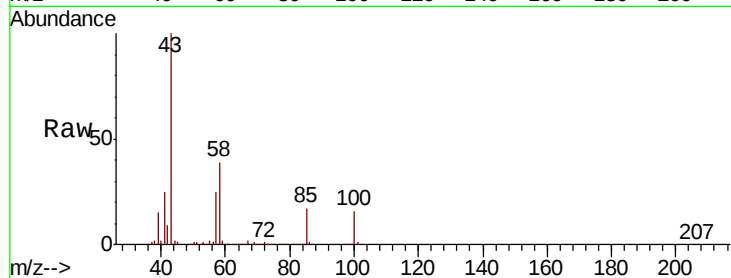
VSTDIC150

Tot Ion: 43 Resp: 1927704

Ion Ratio Lower Upper

43 100

58 38.2 30.5 45.7



#52

Toluene

Concen: 166.825 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066541.D

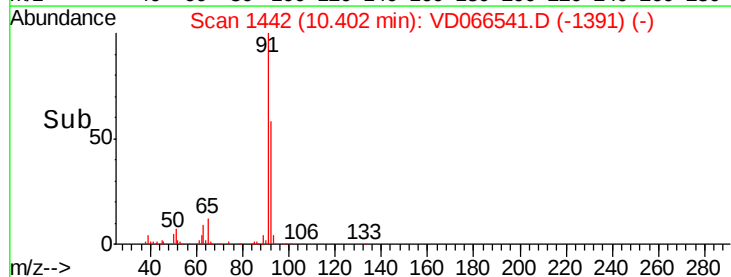
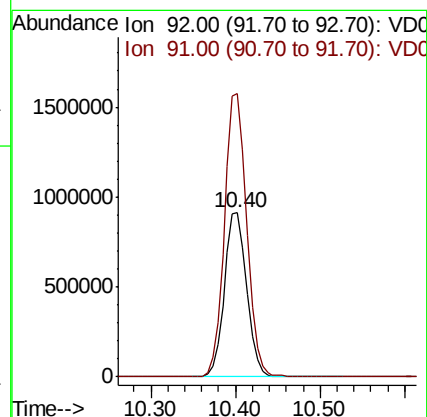
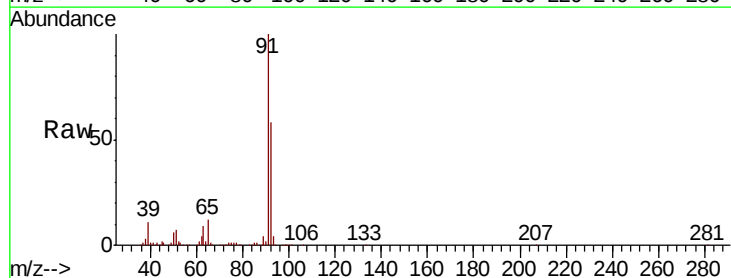
Acq: 03 Sep 2020 16:50

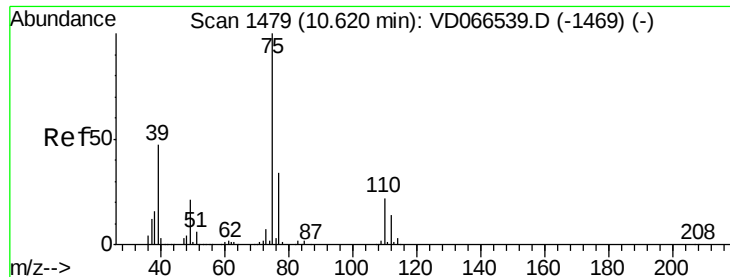
Tgt Ion: 92 Resp: 1678487

Ion Ratio Lower Upper

92 100

91 171.8 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 166.665 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

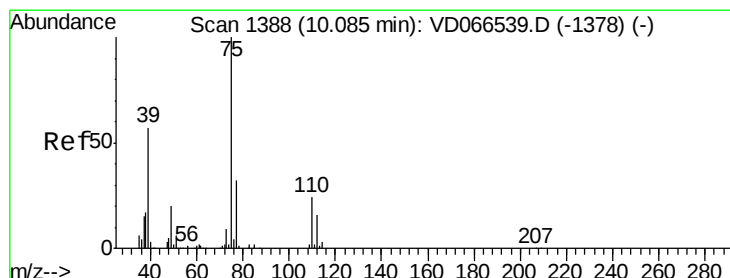
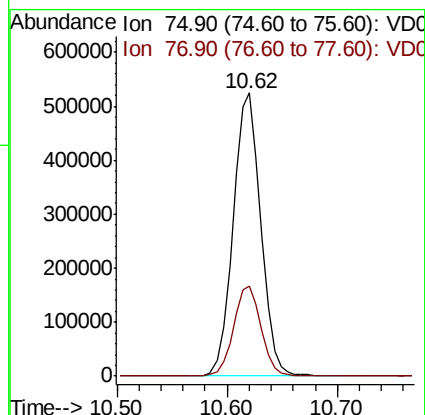
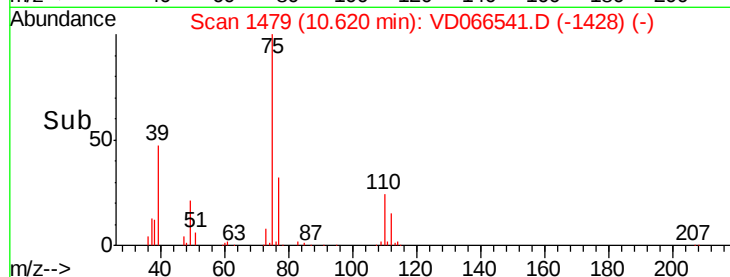
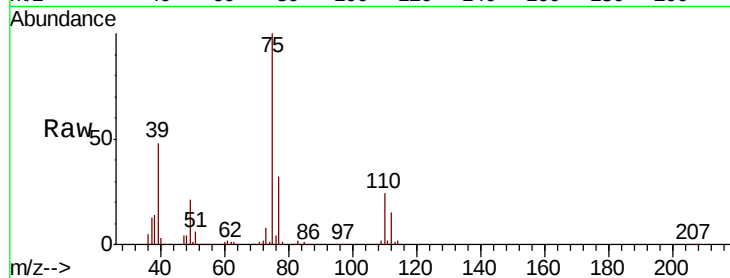
VSTDIC150

Tot Ion: 75 Resp: 917921

Ion Ratio Lower Upper

75 100

77 32.0 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 181.350 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

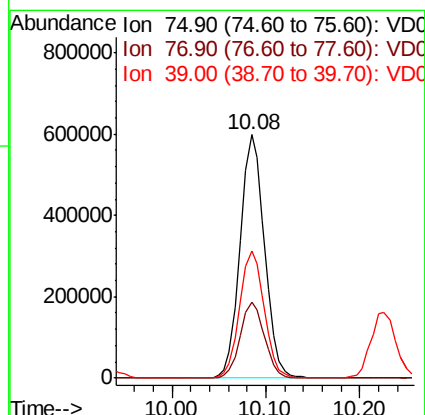
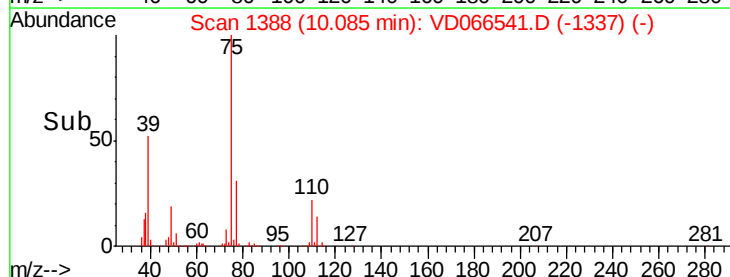
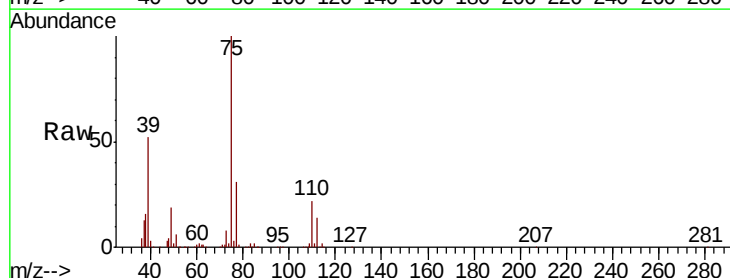
Tgt Ion: 75 Resp: 1078126

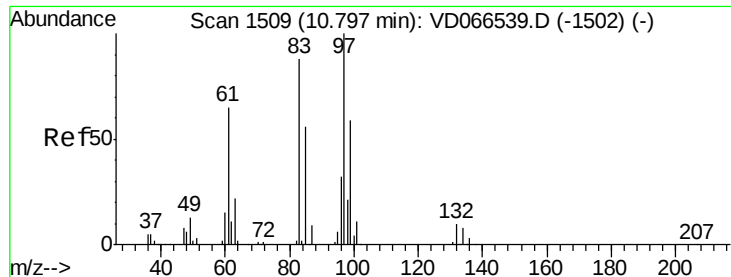
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 52.0 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 175.643 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 460846

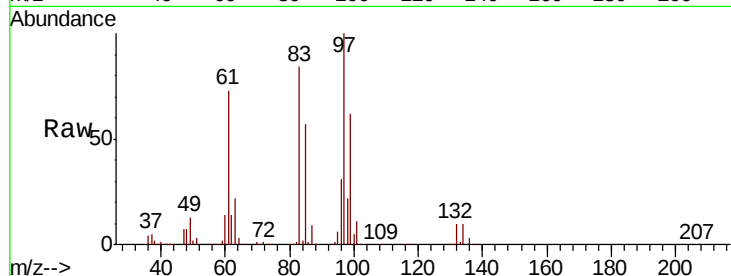
Ion Ratio Lower Upper

97 100

83 84.2 70.1 105.1

85 56.8 44.5 66.7

99 62.0 47.1 70.7

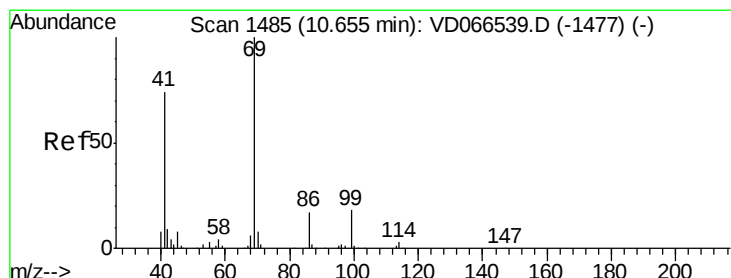
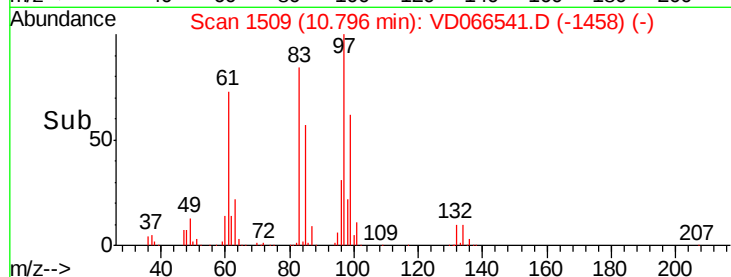
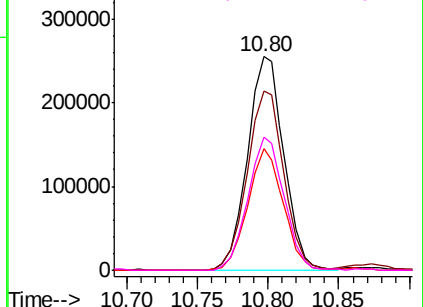


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 193.828 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

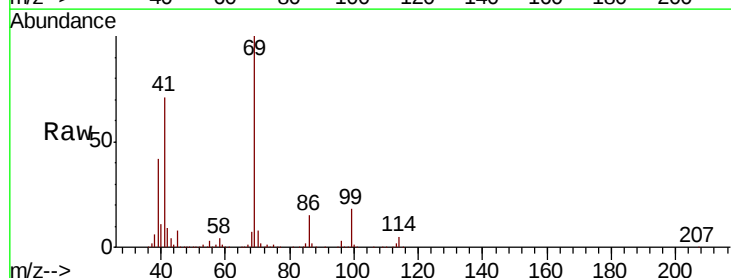
Tgt Ion: 69 Resp: 606665

Ion Ratio Lower Upper

69 100

41 71.5 56.8 85.2

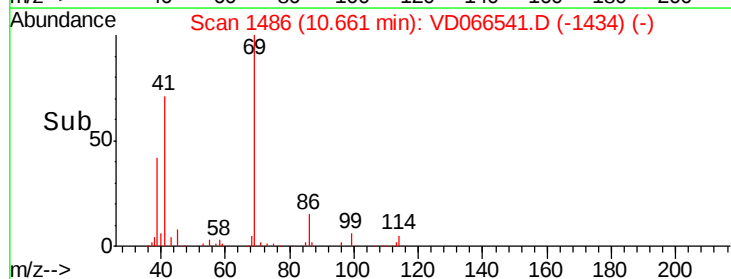
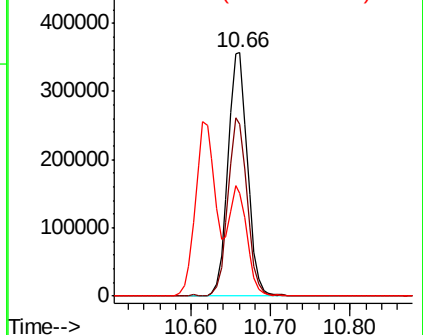
39 43.2 30.6 46.0

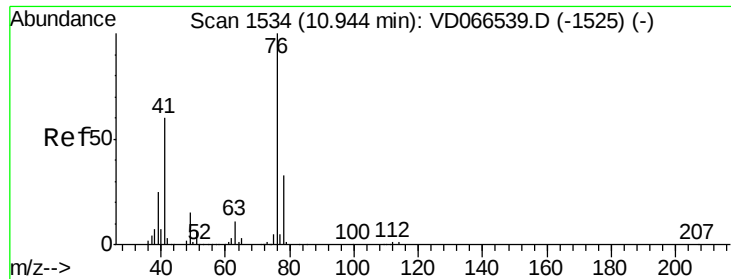


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

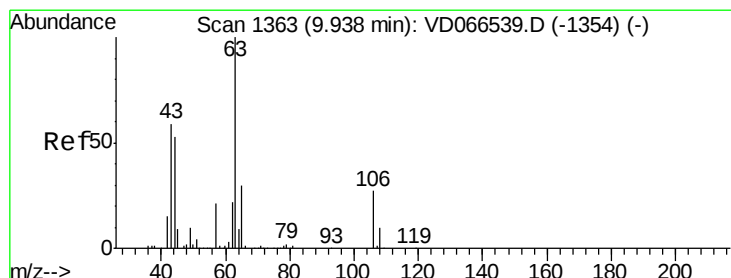
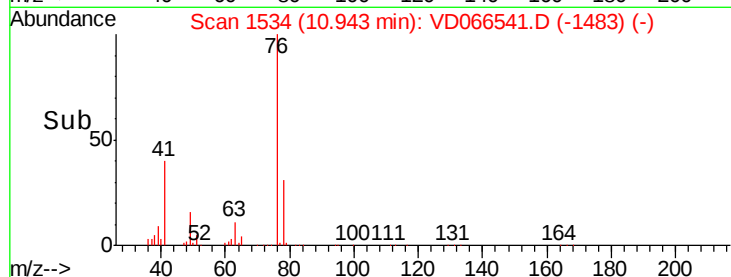
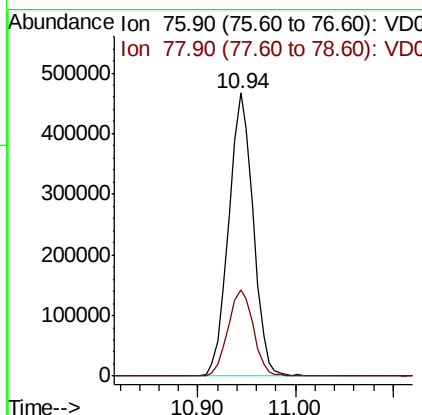
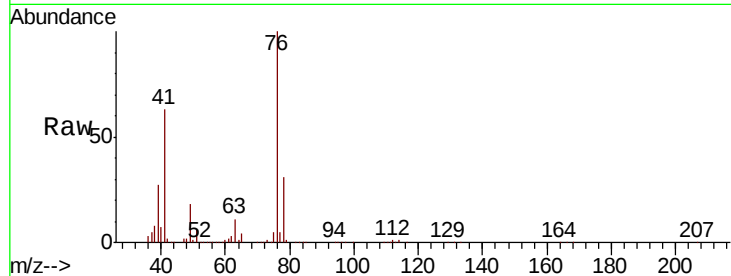




#57
 1,3-Dichloropropane
 Concen: 184.409 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

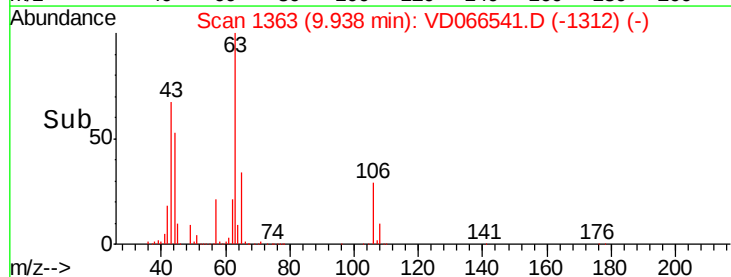
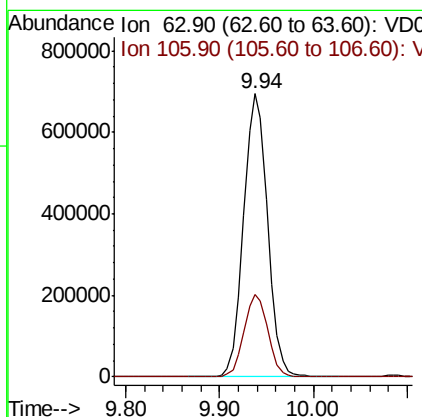
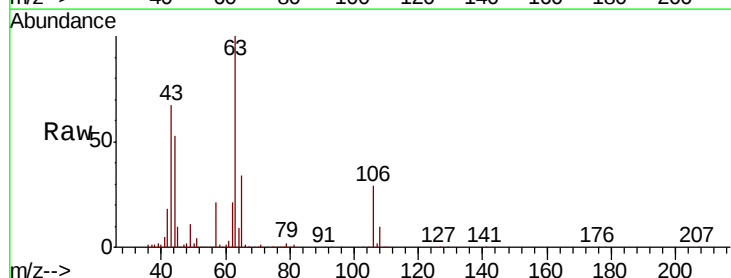
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

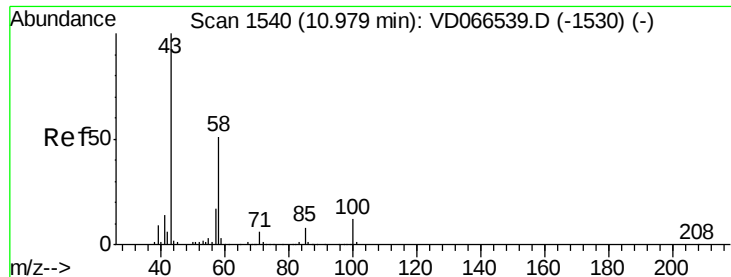
Tot Ion: 76 Resp: 811997
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 970.485 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion: 63 Resp: 1223319
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.0 33.0

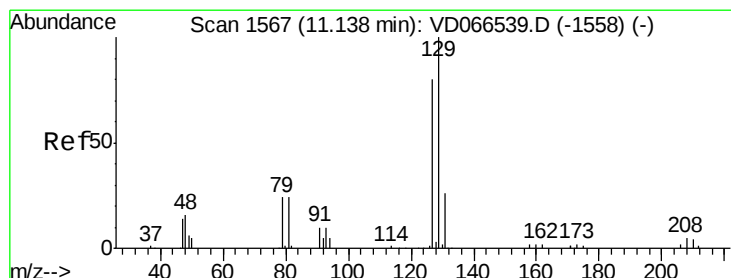
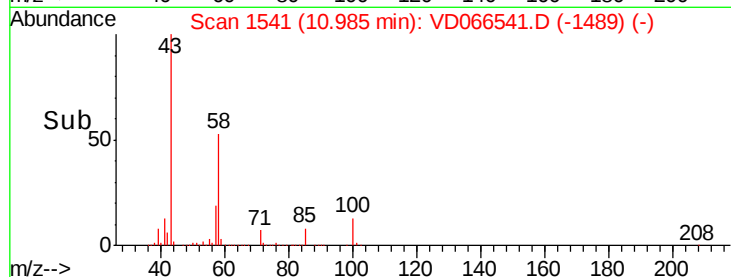
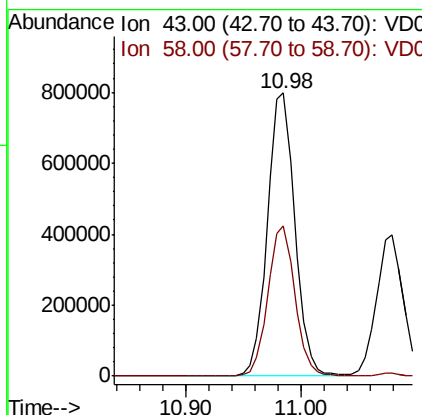
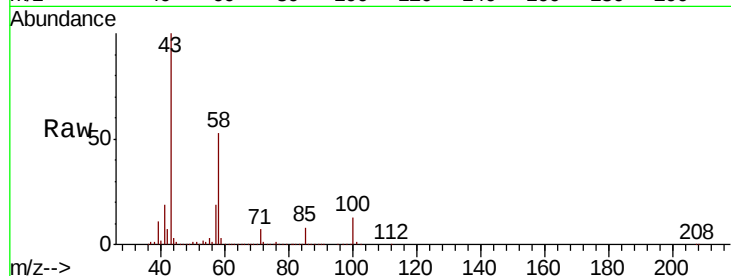




#59
2-Hexanone
Concen: 1085.253 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

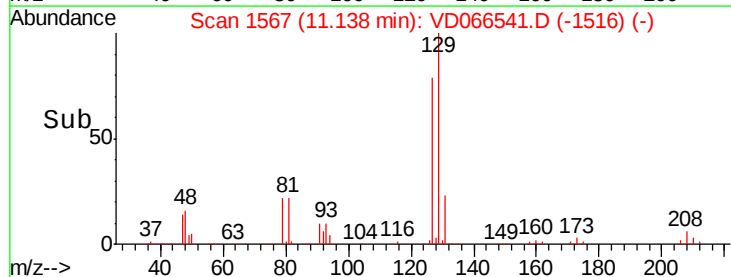
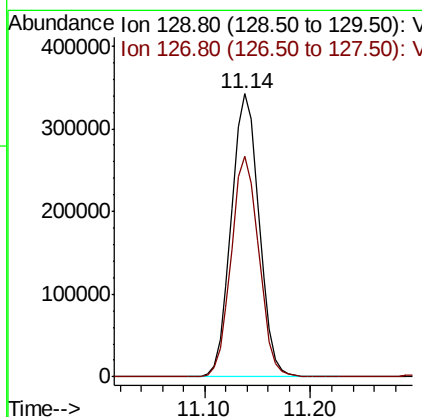
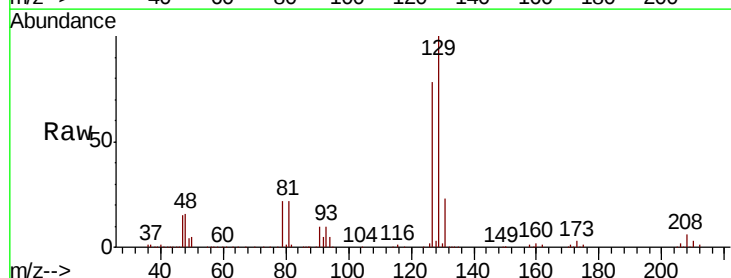
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

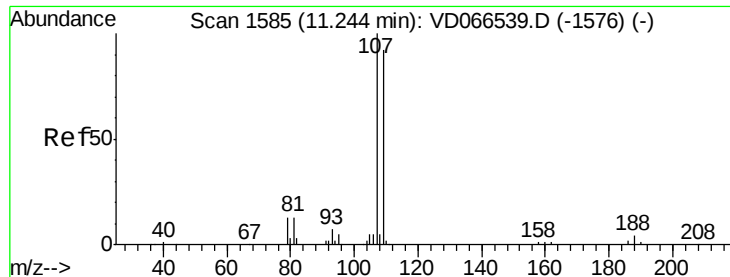
Tot Ion: 43 Resp: 1326841
Ion Ratio Lower Upper
43 100
58 52.2 25.6 76.8



#60
Dibromochloromethane
Concen: 148.427 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 129 Resp: 620621
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3

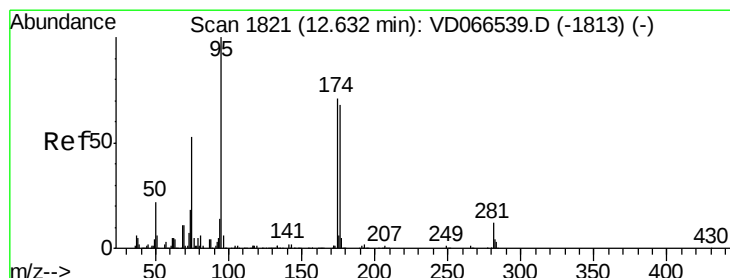
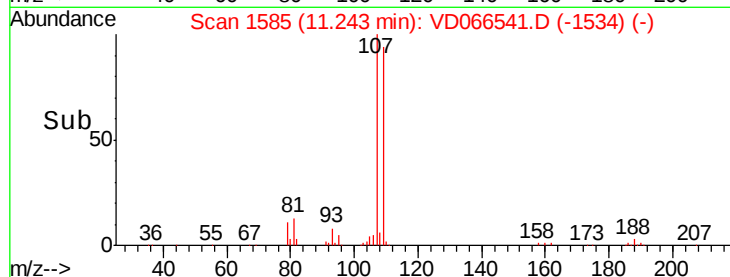
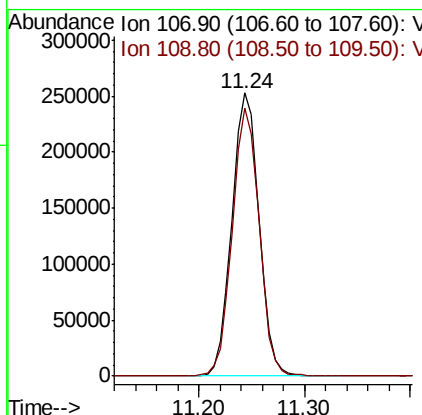
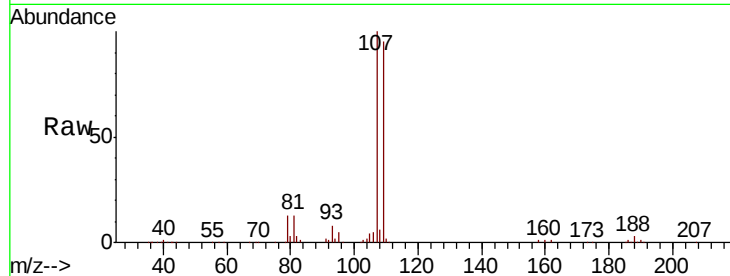




#61
 1,2-Dibromoethane
 Concen: 167.097 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

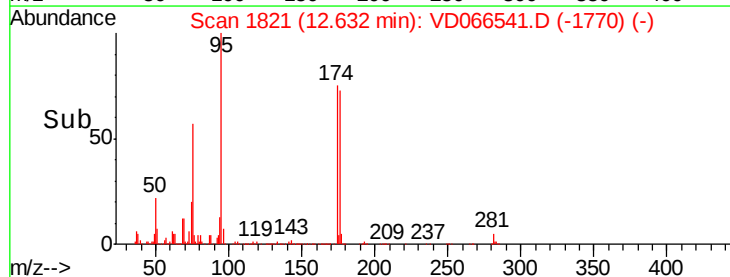
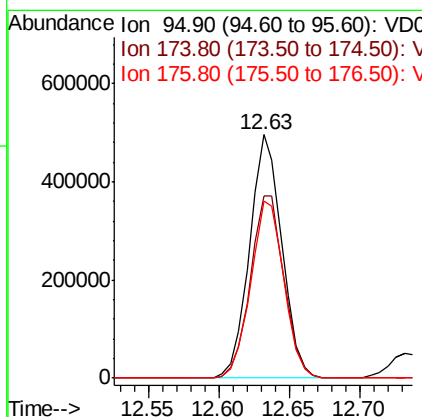
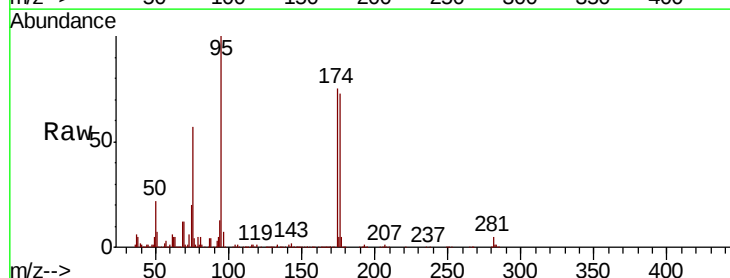
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

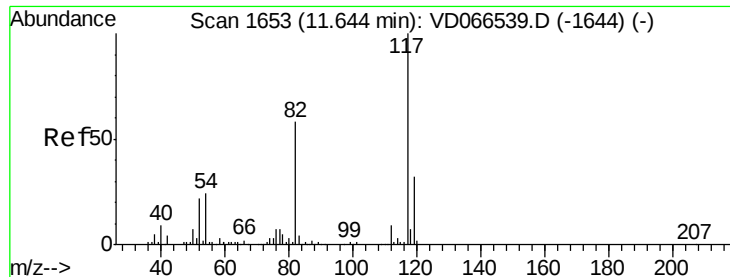
Tot Ion:107 Resp: 447572
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 161.652 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion: 95 Resp: 794078
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 155.8
 176 75.1 0.0 148.6

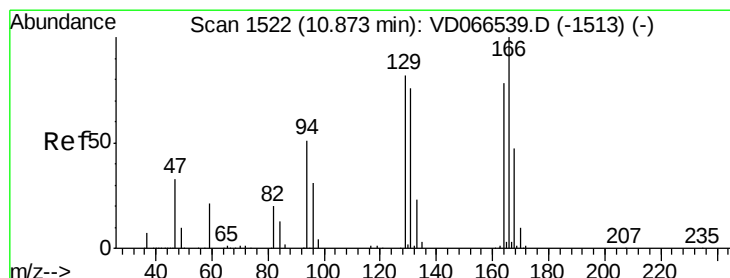
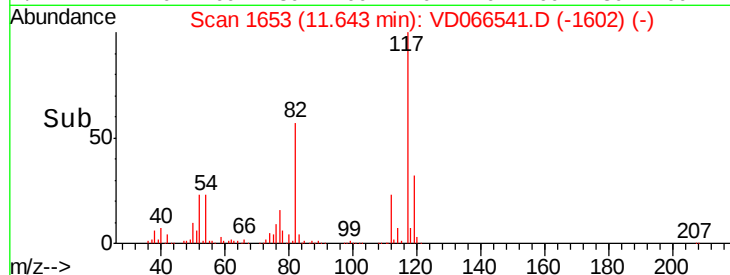
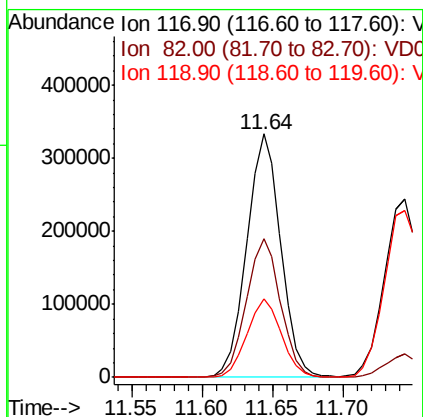
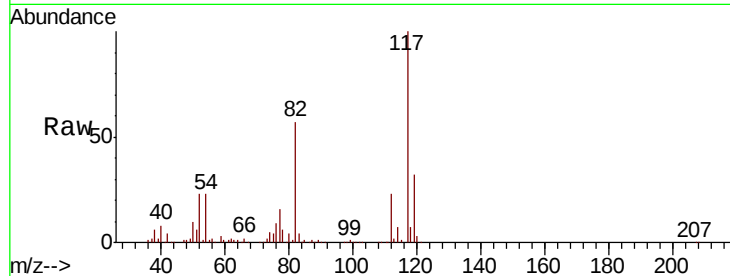




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

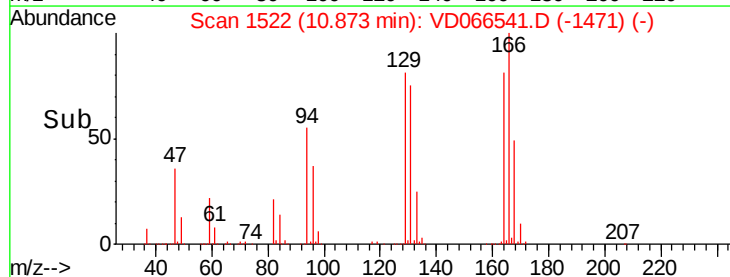
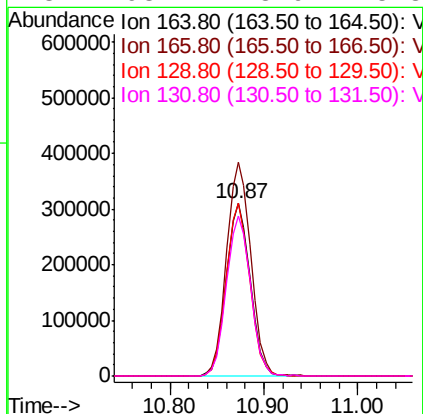
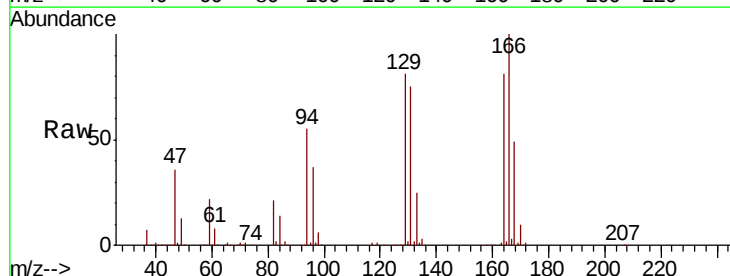
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

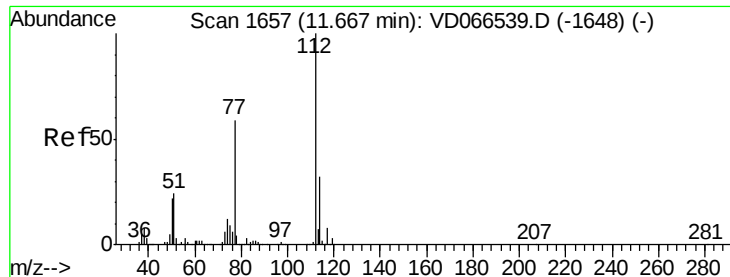
Tot Ion:117 Resp: 563519
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.2
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 128.780 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion:164 Resp: 549375
Ion Ratio Lower Upper
164 100
166 123.8 103.2 154.8
129 100.1 84.5 126.7
131 93.1 78.9 118.3





#65

Chlorobenzene

Concen: 154.360 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

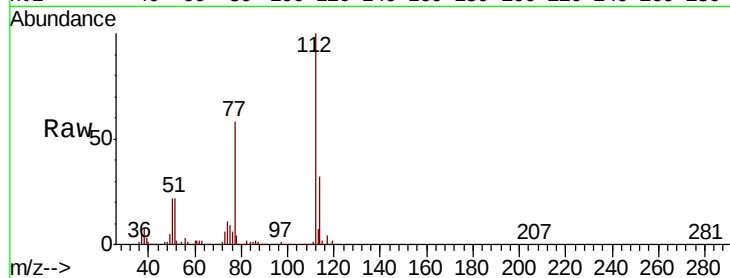
VSTDIC150

Tot Ion:112 Resp: 1708790

Ion Ratio Lower Upper

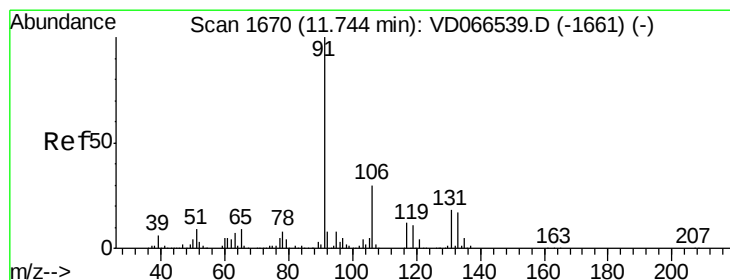
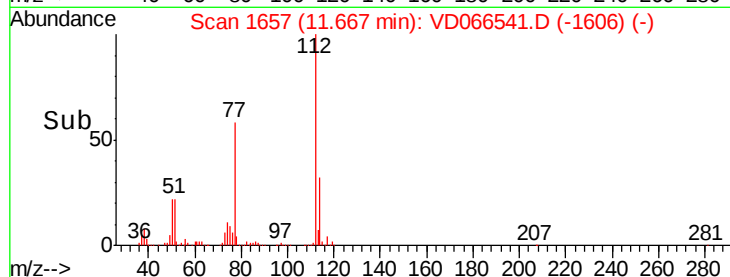
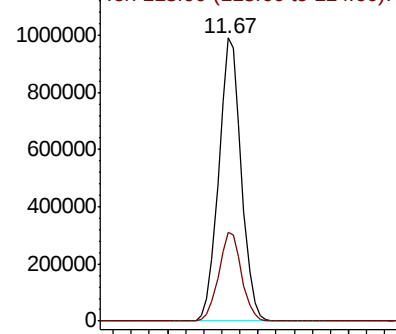
112 100

114 31.5 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: 141.628 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

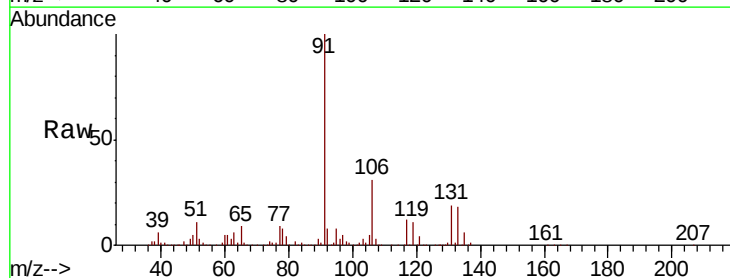
Tgt Ion:131 Resp: 653069

Ion Ratio Lower Upper

131 100

133 94.6 46.7 140.0

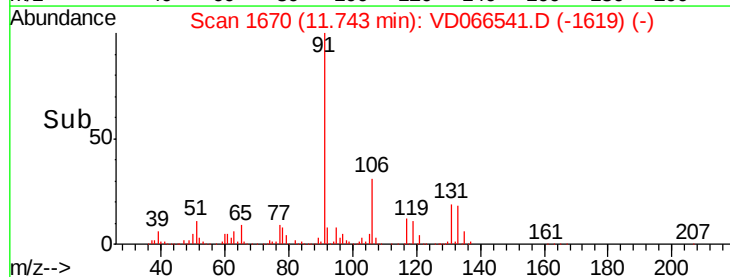
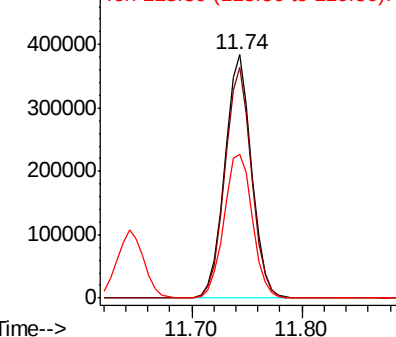
119 63.1 31.9 95.7

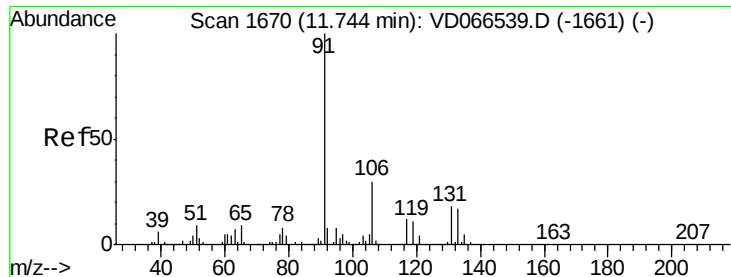


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

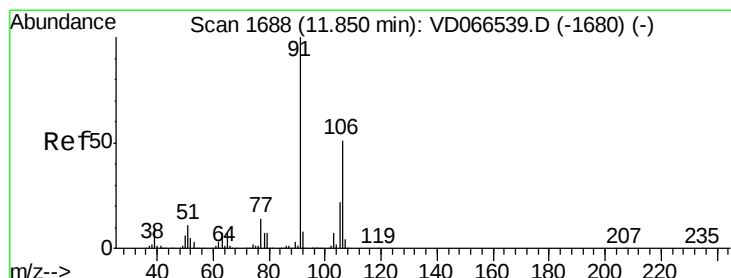
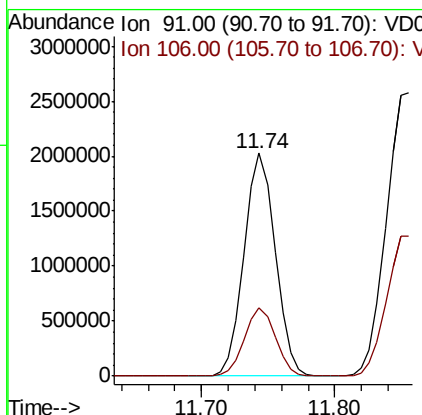
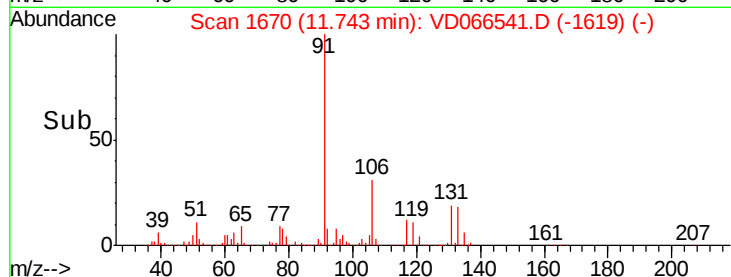
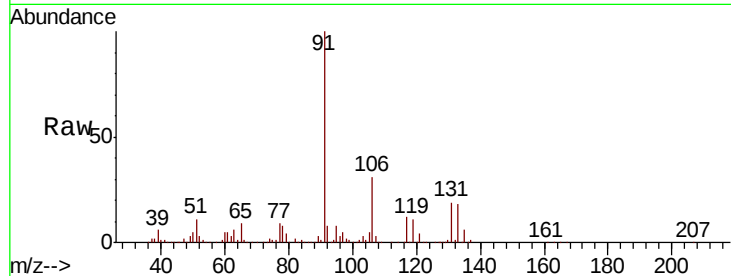




#67
Ethyl Benzene
Concen: 166.452 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

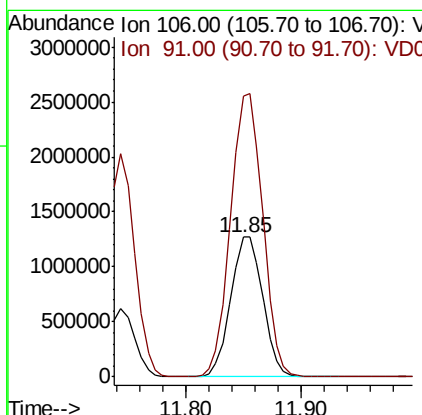
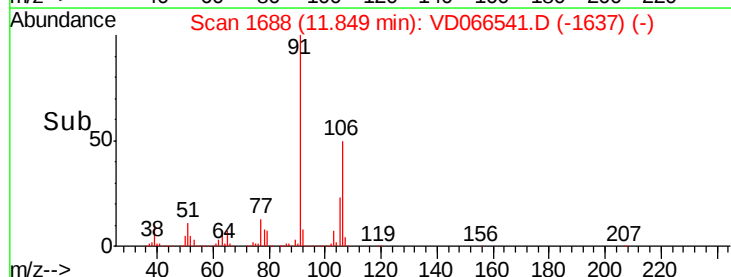
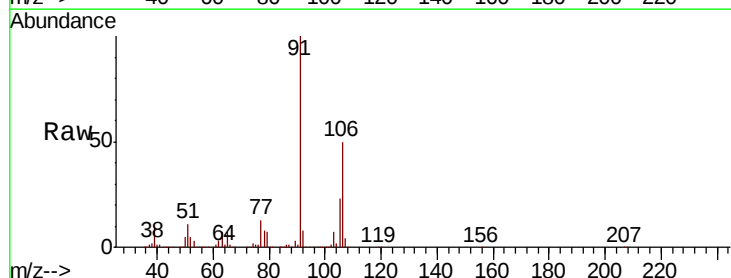
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

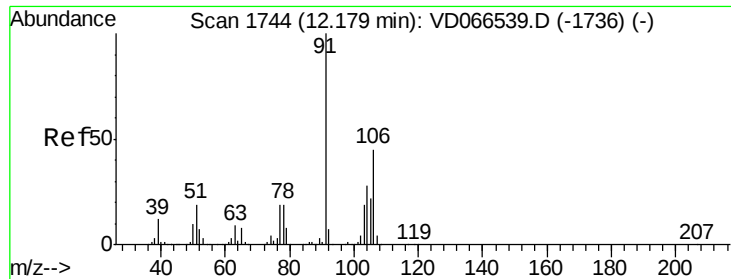
Tot Ion: 91 Resp: 3280949
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 321.370 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 106 Resp: 2446729
Ion Ratio Lower Upper
106 100
91 203.3 162.4 243.6

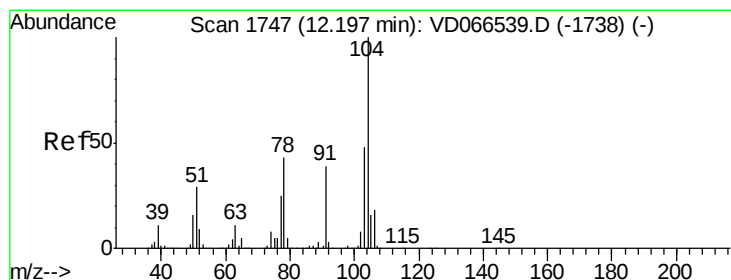
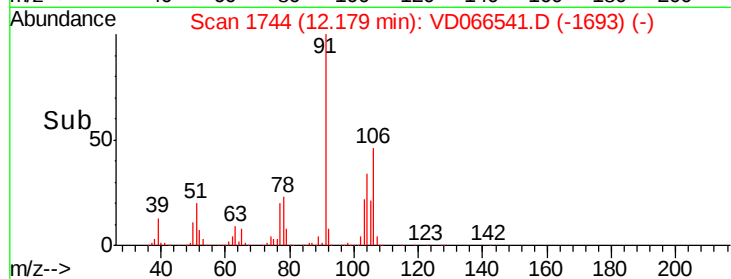
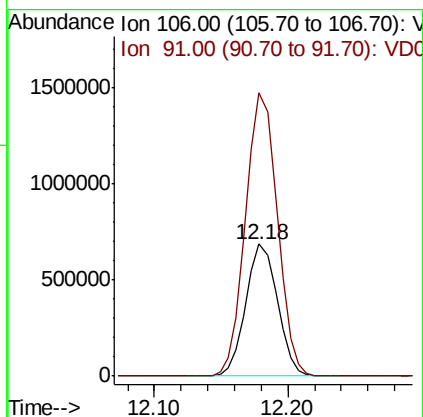
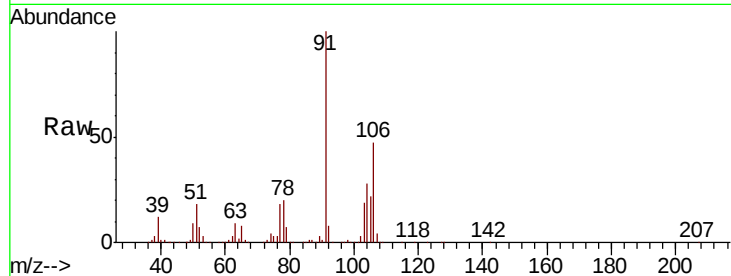




#69
o-Xylene
Concen: 157.488 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

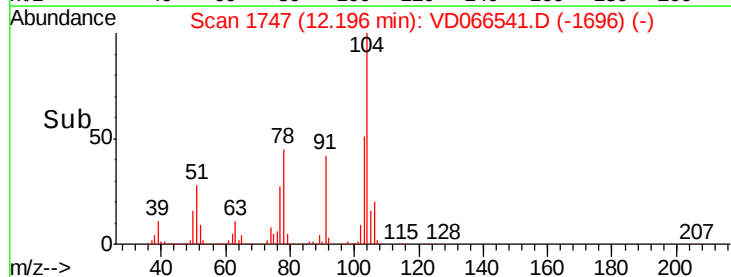
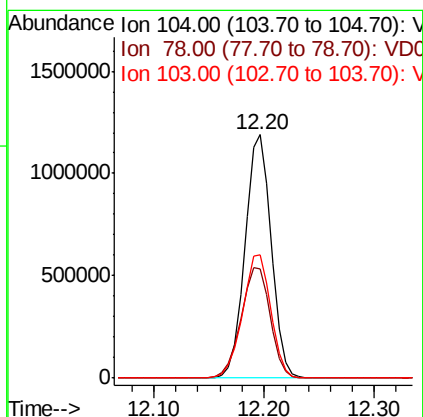
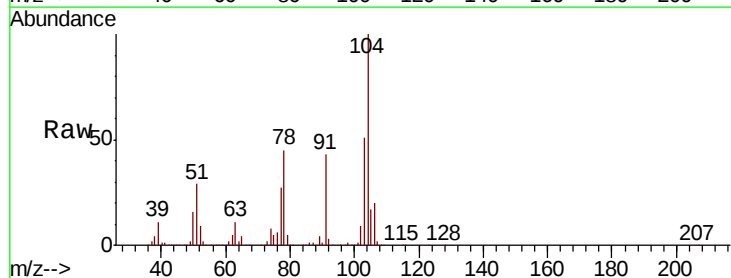
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

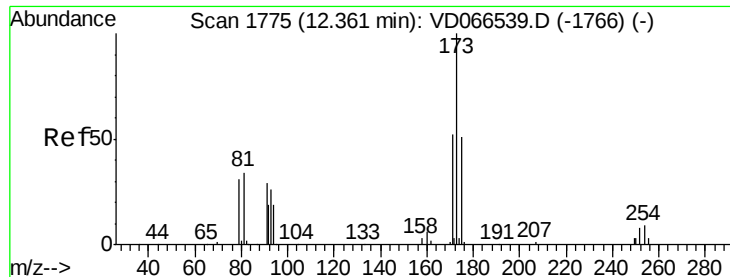
Tot Ion:106 Resp: 1128634
Ion Ratio Lower Upper
106 100
91 216.0 107.9 323.8



#70
Styrene
Concen: 161.495 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion:104 Resp: 1982957
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.8 42.9 64.3





#71

Bromoform

Concen: 135.957 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

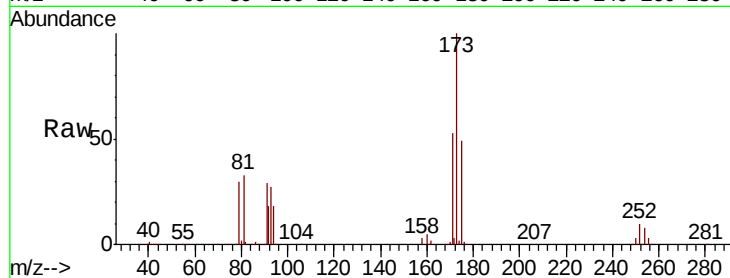
Tot Ion:173 Resp: 337481

Ion Ratio Lower Upper

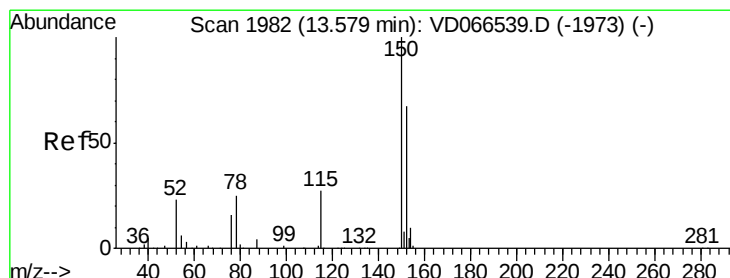
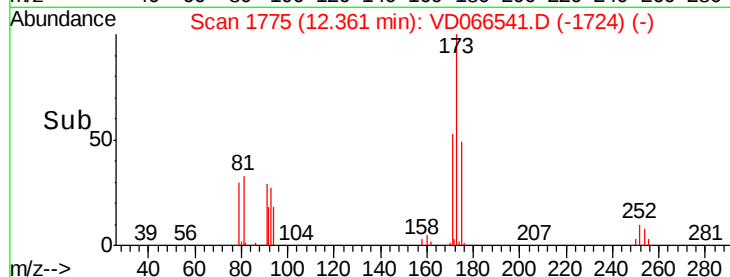
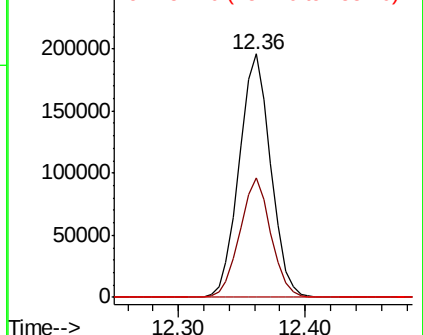
173 100

175 48.1 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: VD066541.D

Acq: 03 Sep 2020 16:50

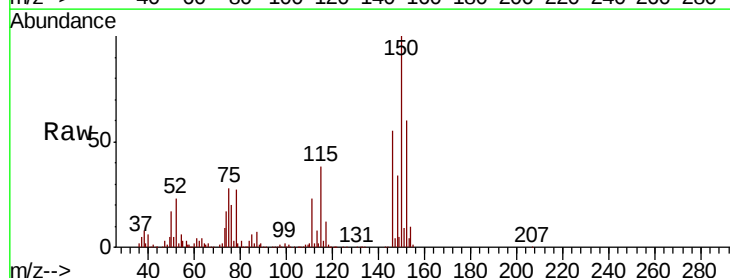
Tgt Ion:152 Resp: 266052

Ion Ratio Lower Upper

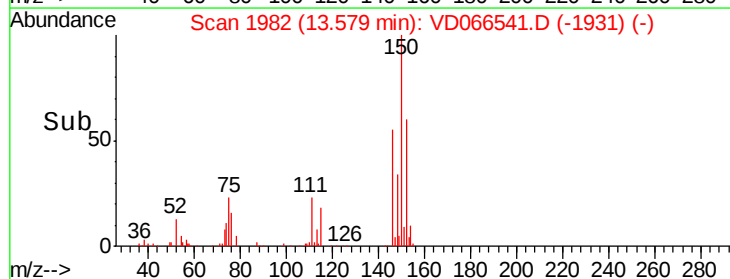
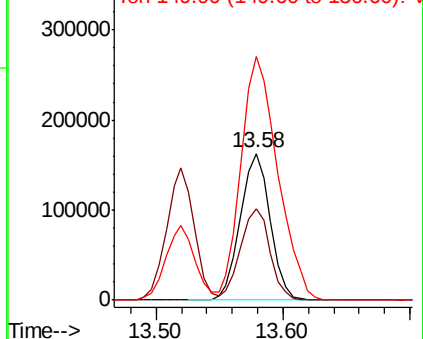
152 100

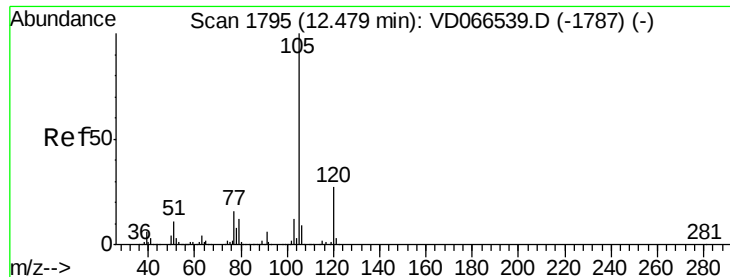
115 61.7 30.4 91.2

150 203.8 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: 172.642 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

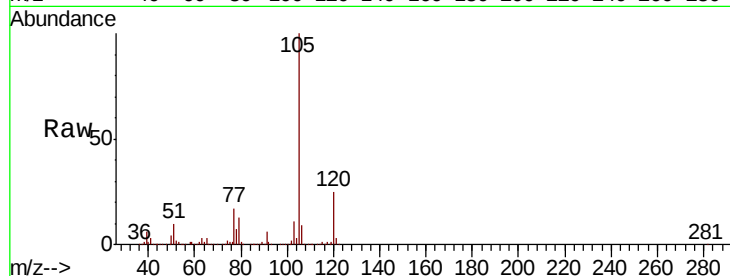
VSTDIC150

Tot Ion:105 Resp: 3123126

Ion Ratio Lower Upper

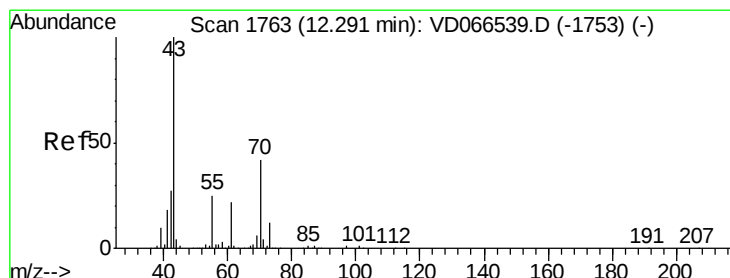
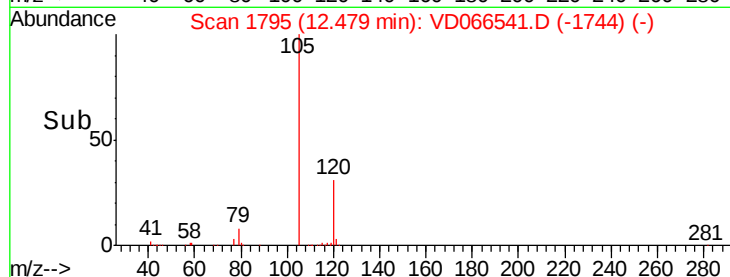
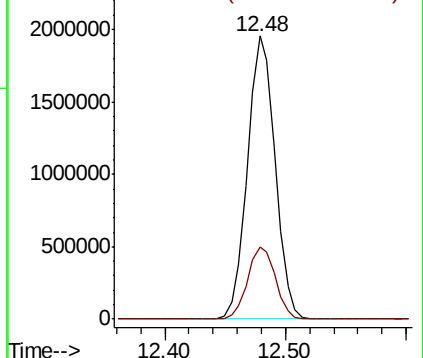
105 100

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: 240.979 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion: 43 Resp: 717736

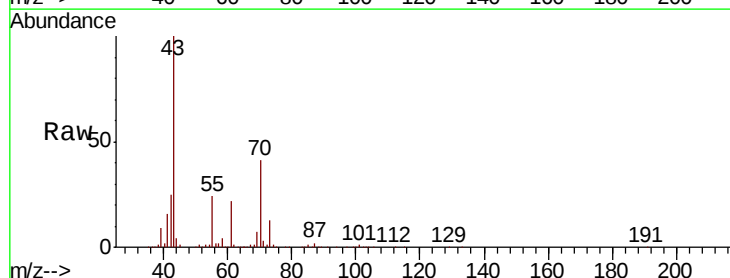
Ion Ratio Lower Upper

43 100

70 40.6 33.4 50.2

55 24.1 20.1 30.1

61 22.7 18.2 27.2

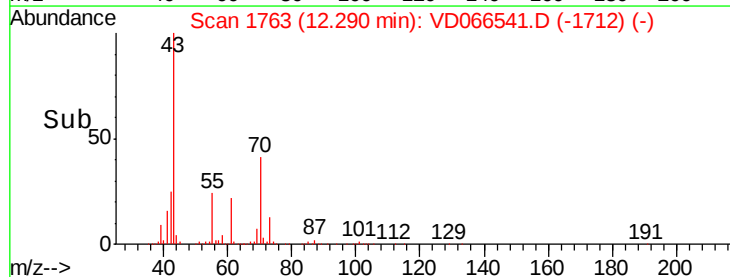
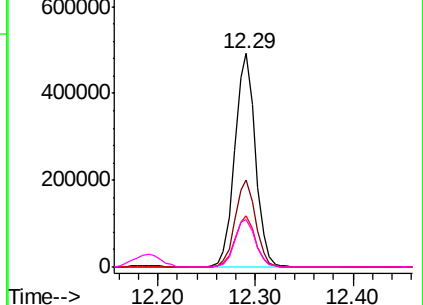


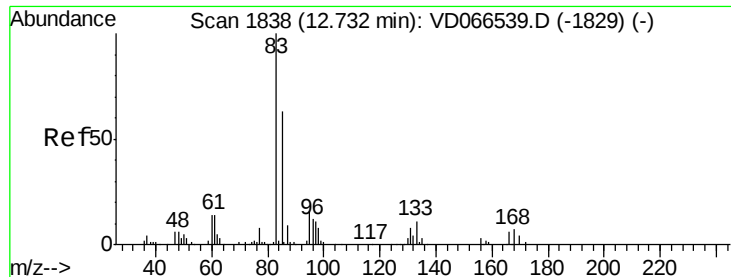
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 213.859 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

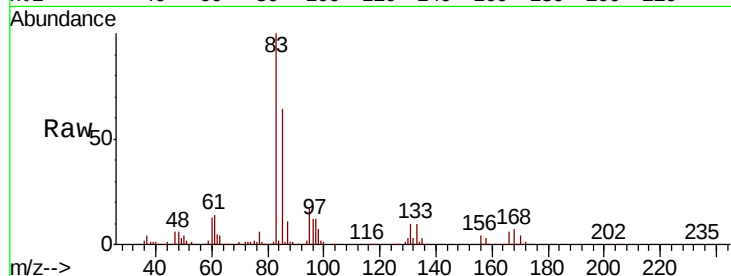
Tot Ion: 83 Resp: 497943

Ion Ratio Lower Upper

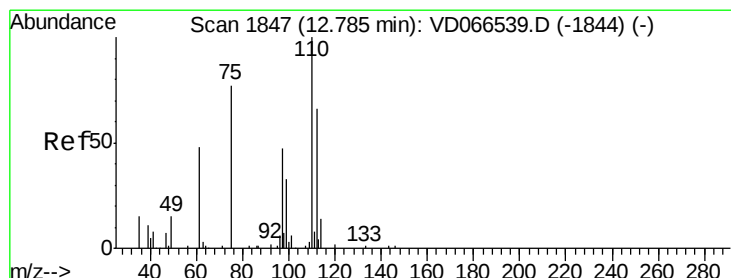
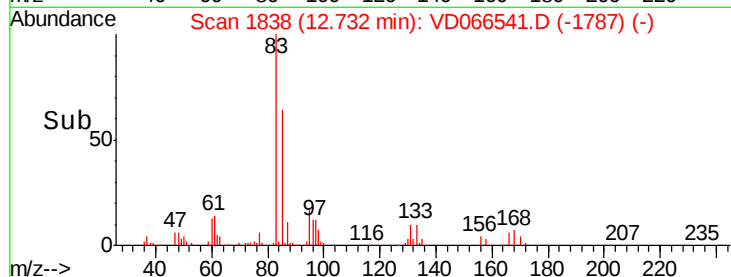
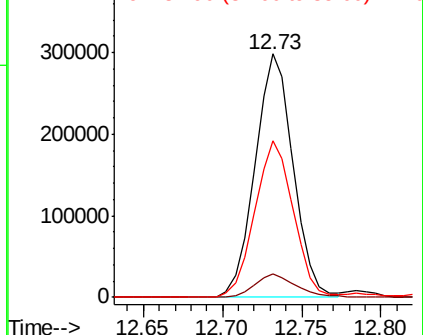
83 100

131 10.3 5.0 15.0

85 64.8 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 375.072 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066541.D

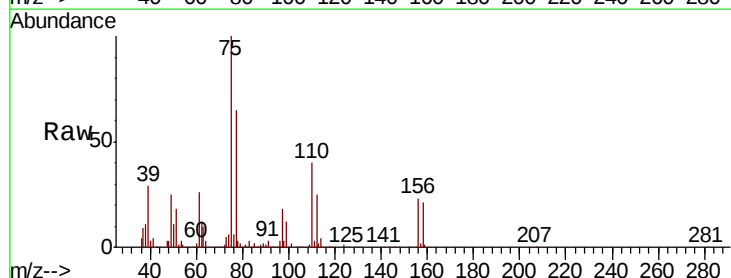
Acq: 03 Sep 2020 16:50

Tgt Ion: 75 Resp: 692256

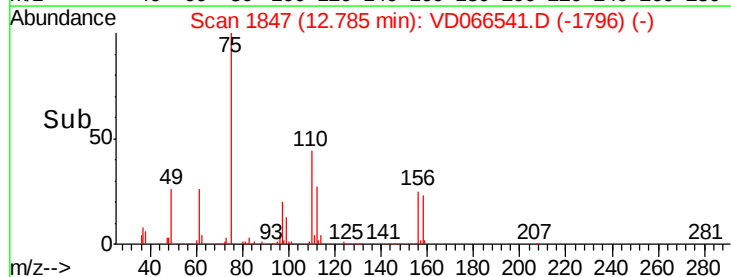
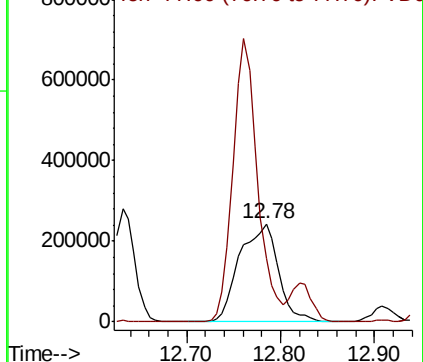
Ion Ratio Lower Upper

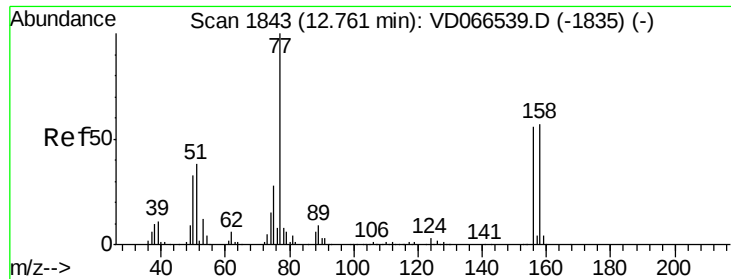
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 150.174 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

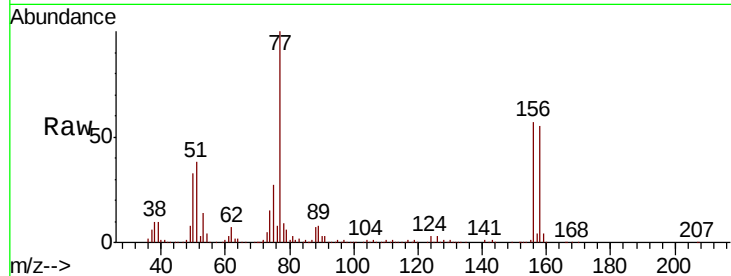
Tot Ion:156 Resp: 672570

Ion Ratio Lower Upper

156 100

77 191.2 98.0 294.1

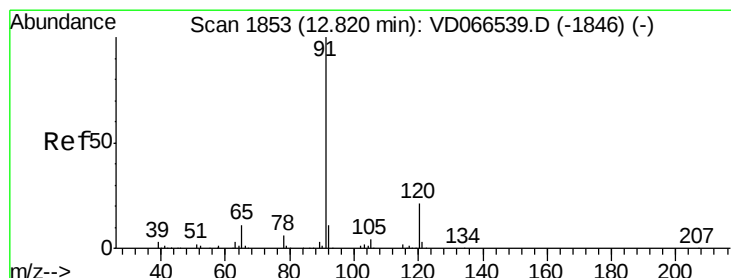
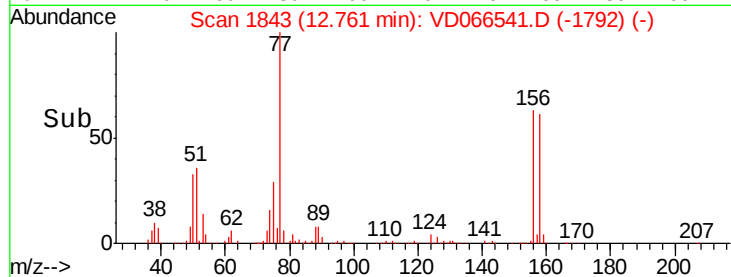
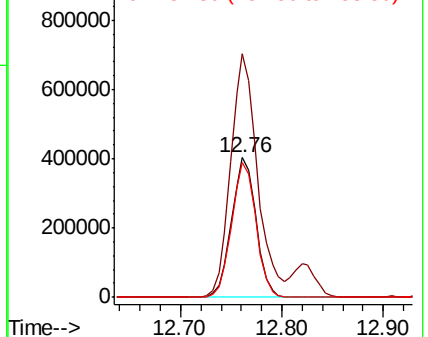
158 96.1 48.1 144.3



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: 183.328 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066541.D

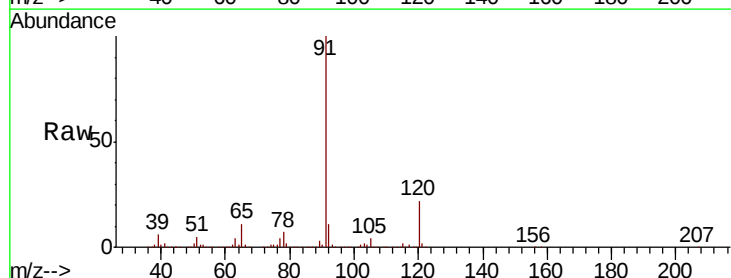
Acq: 03 Sep 2020 16:50

Tgt Ion: 91 Resp: 3700616

Ion Ratio Lower Upper

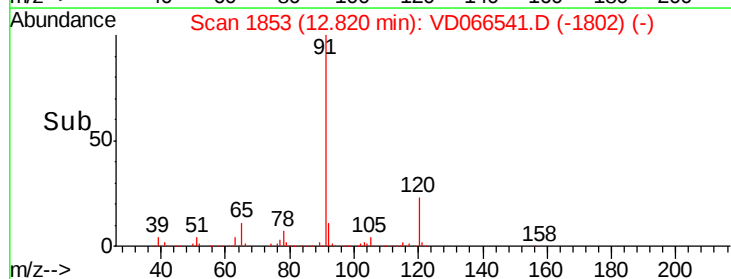
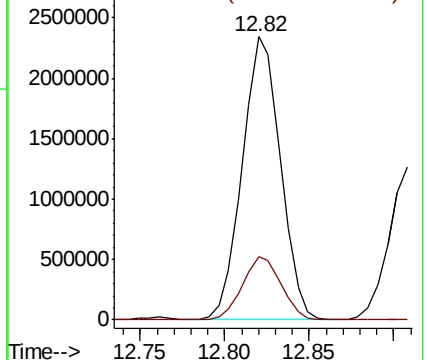
91 100

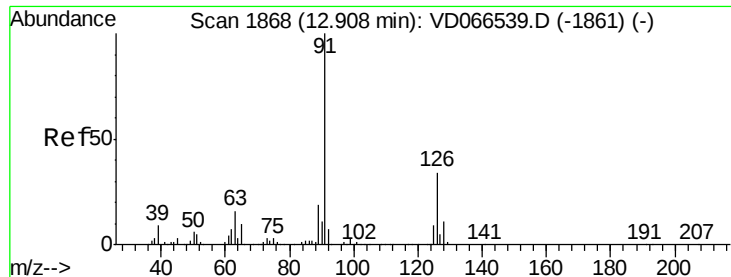
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 179.903 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

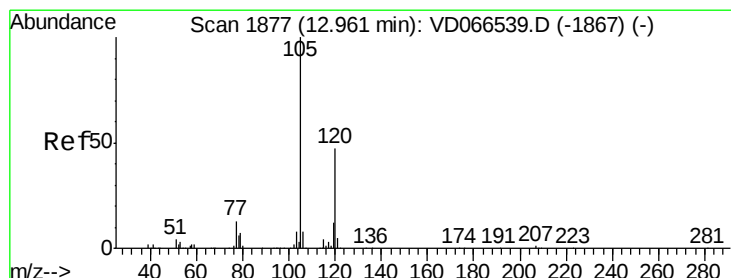
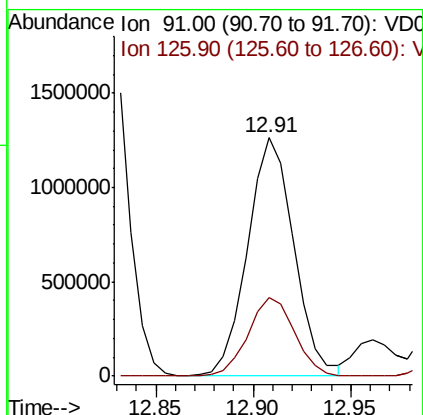
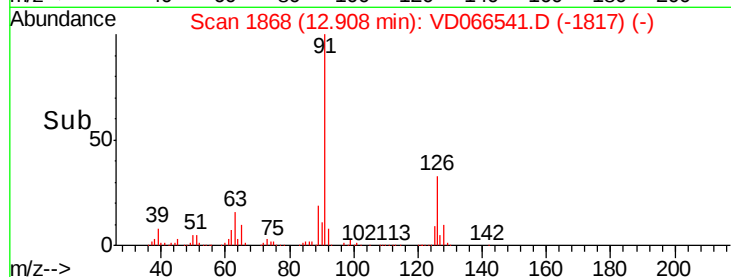
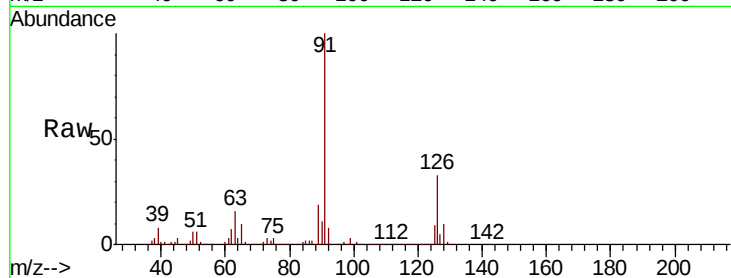
VSTDIC150

Tot Ion: 91 Resp: 2077540

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 166.893 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066541.D

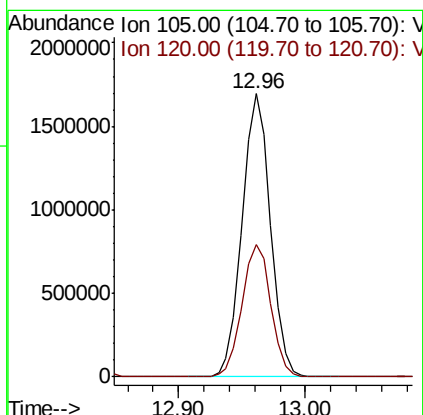
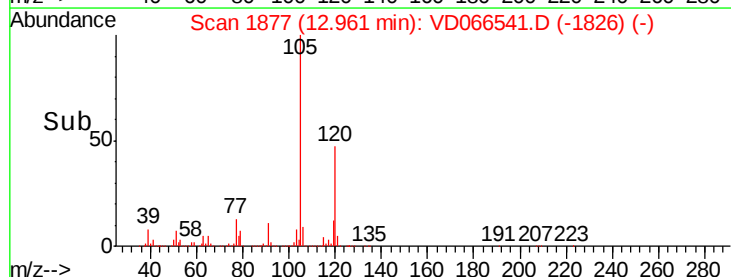
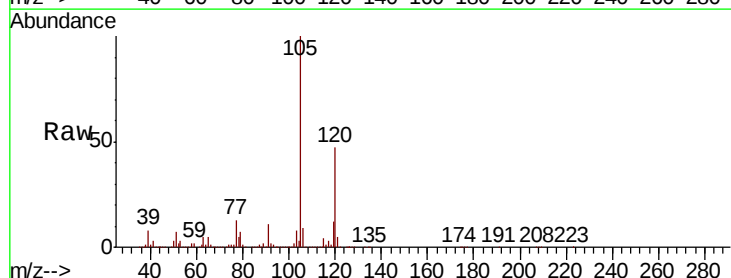
Acq: 03 Sep 2020 16:50

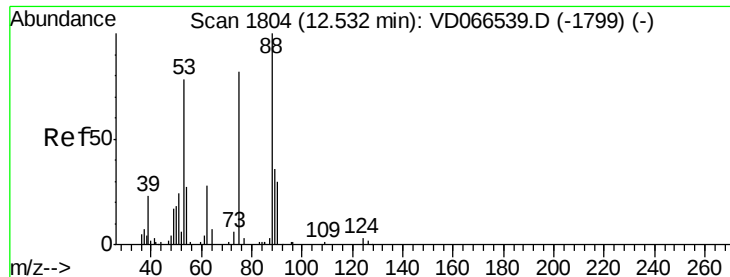
Tgt Ion:105 Resp: 2618499

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 209.964 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

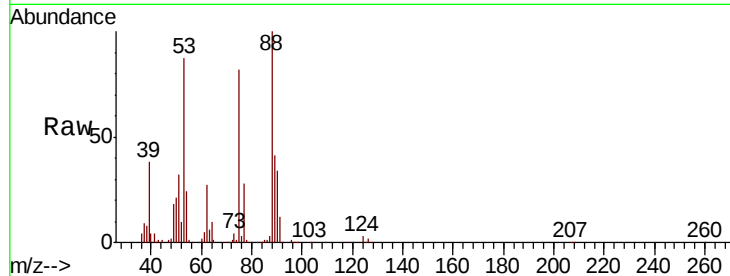
Tot Ion: 75 Resp: 167607

Ion Ratio Lower Upper

75 100

53 104.9 87.0 130.4

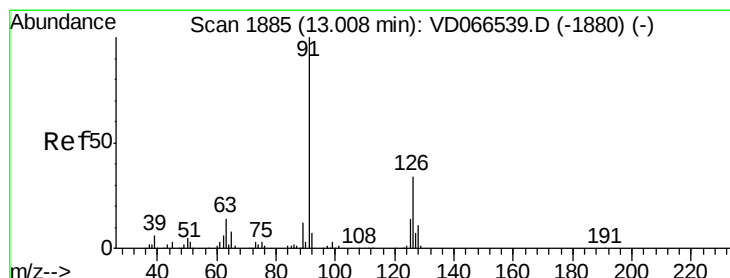
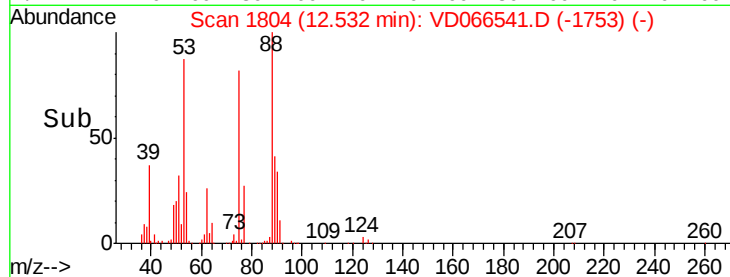
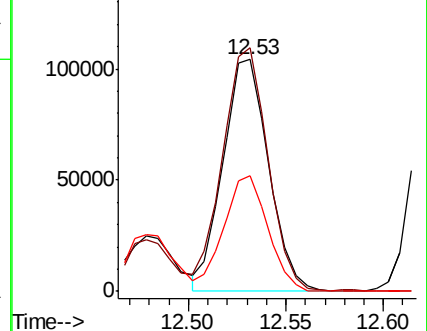
89 48.9 37.1 55.7



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: 175.122 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066541.D

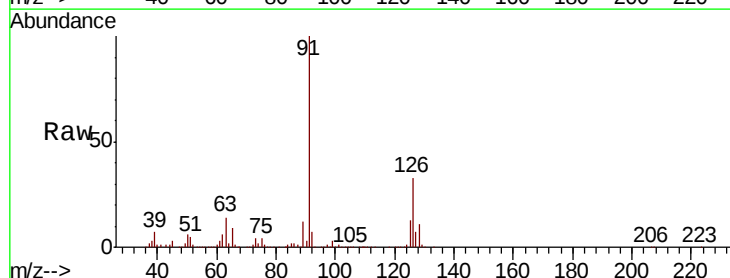
Acq: 03 Sep 2020 16:50

Tgt Ion: 91 Resp: 2171458

Ion Ratio Lower Upper

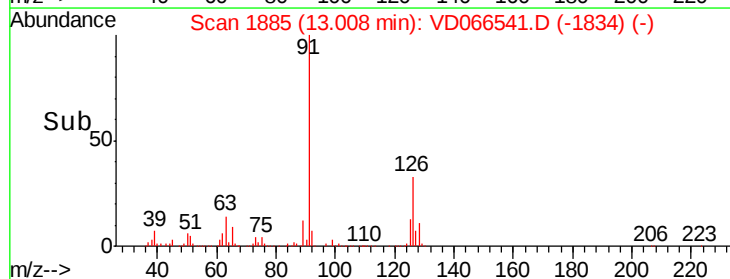
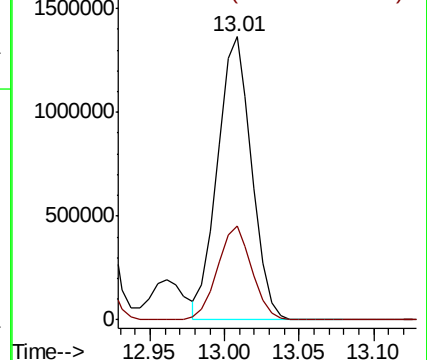
91 100

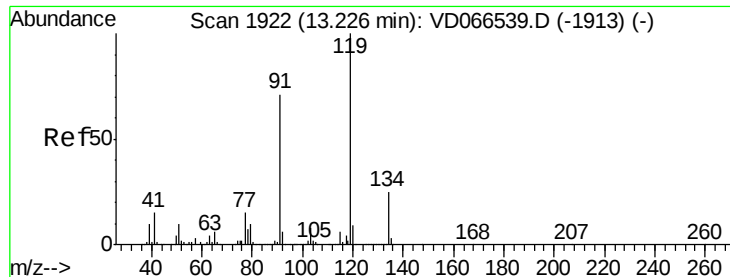
126 33.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

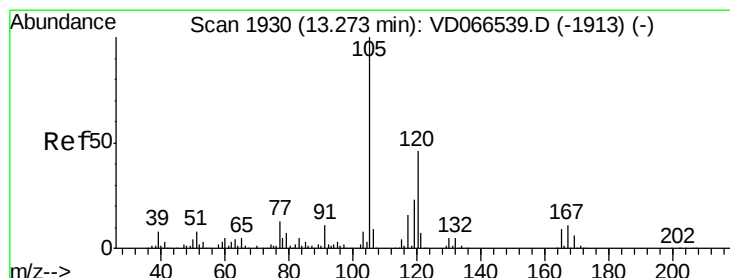
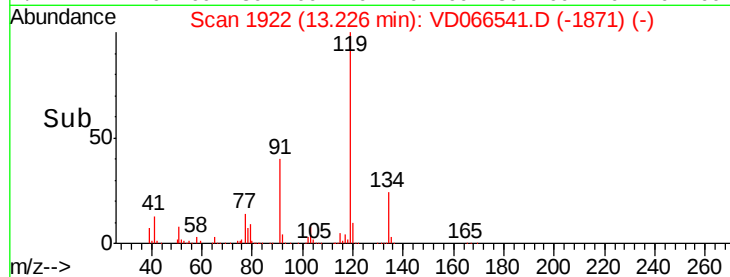
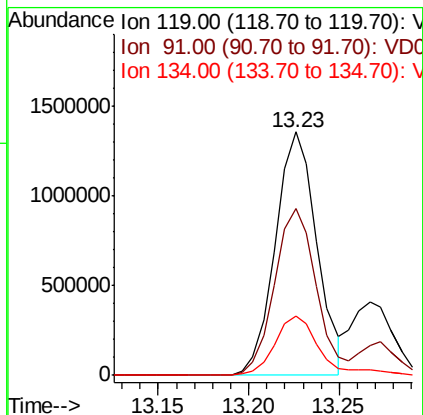
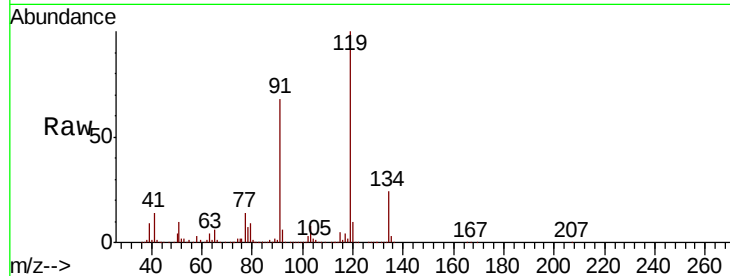




#83
tert-Butylbenzene
Concen: 160.579 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

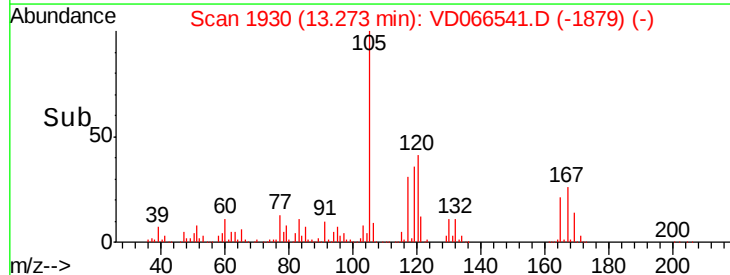
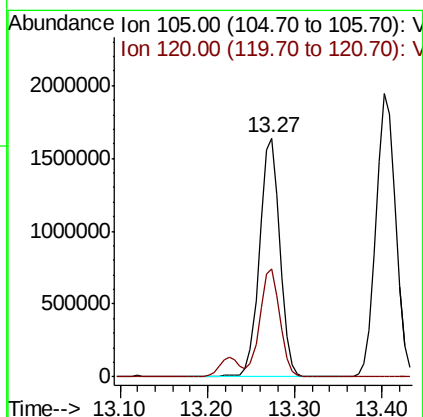
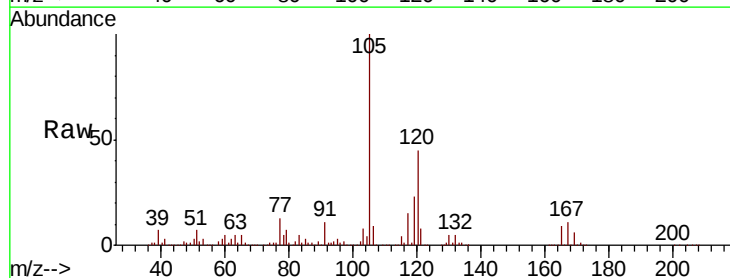
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

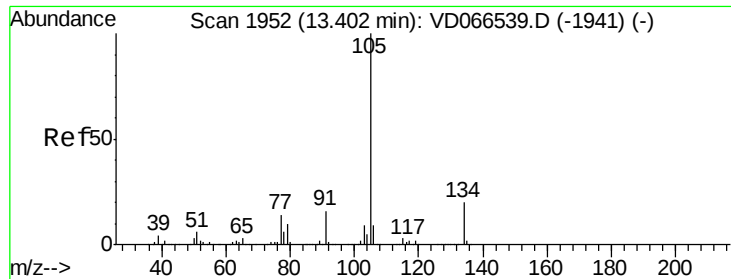
Tot Ion:119 Resp: 2177065
Ion Ratio Lower Upper
119 100
91 69.1 35.2 105.6
134 26.2 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 167.609 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion:105 Resp: 2616537
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 173.082 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

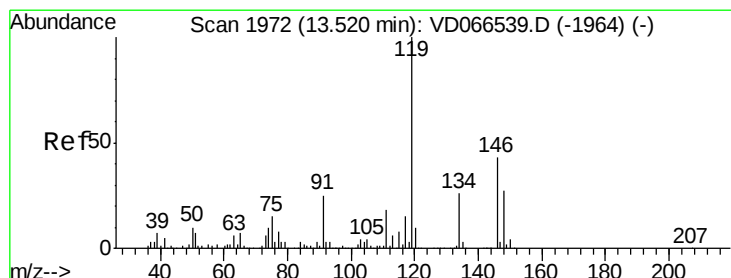
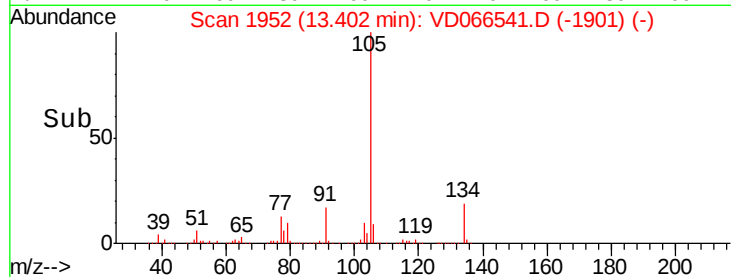
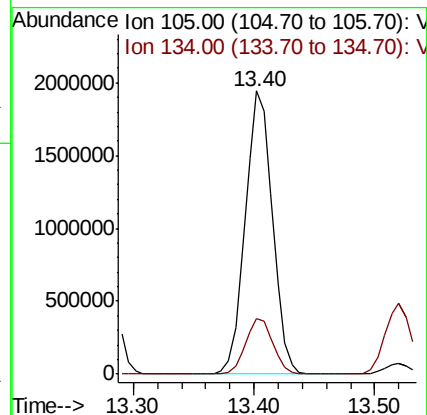
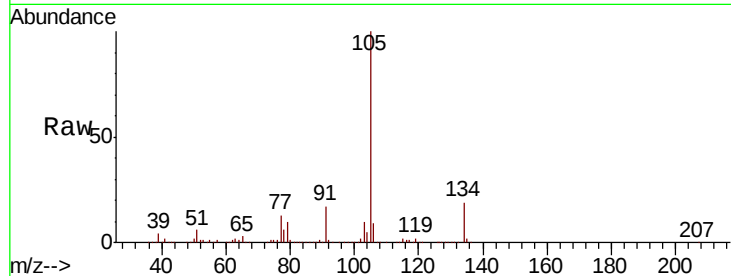
VSTDIC150

Tot Ion:105 Resp: 3053285

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 163.678 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

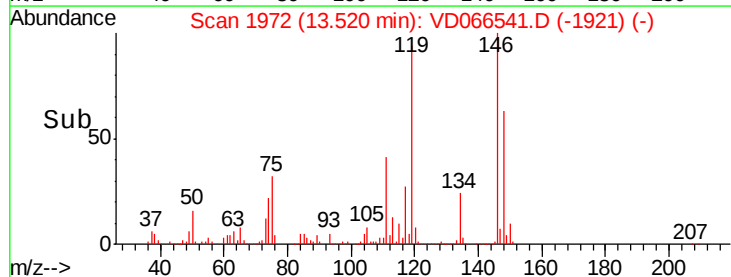
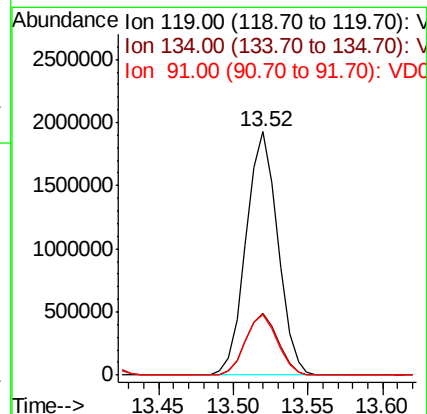
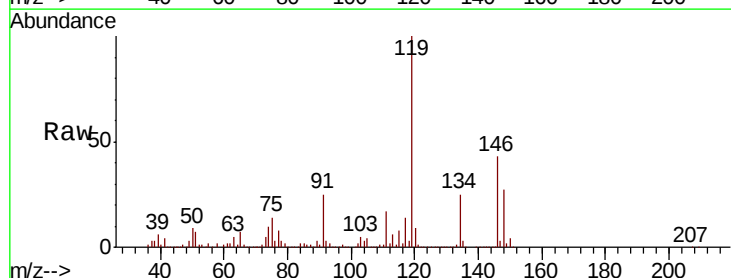
Tgt Ion:119 Resp: 2835868

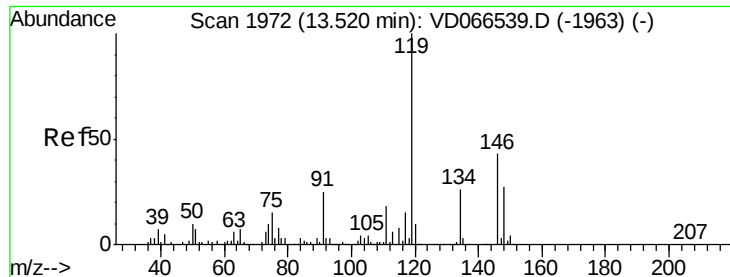
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 24.9 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 157.498 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

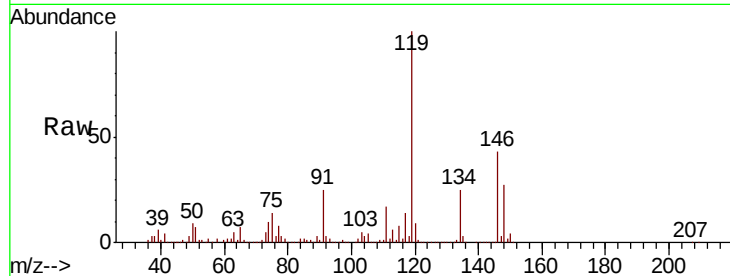
Tot Ion:146 Resp: 1321930

Ion Ratio Lower Upper

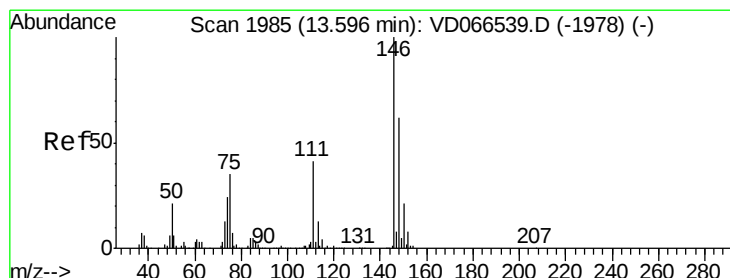
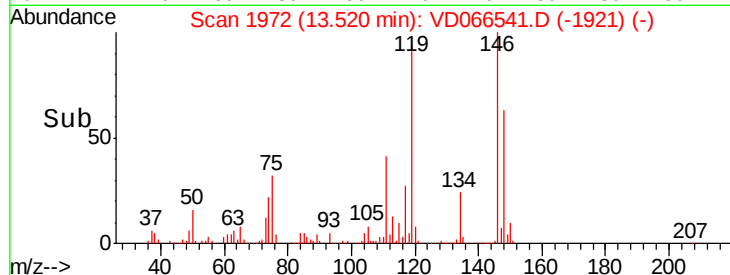
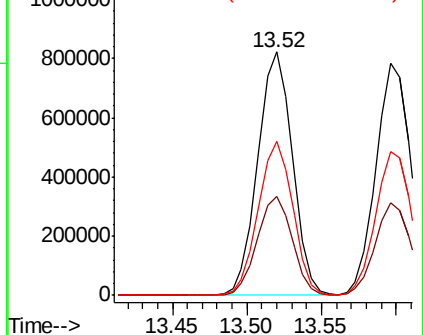
146 100

111 41.2 20.6 61.9

148 63.4 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 151.383 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

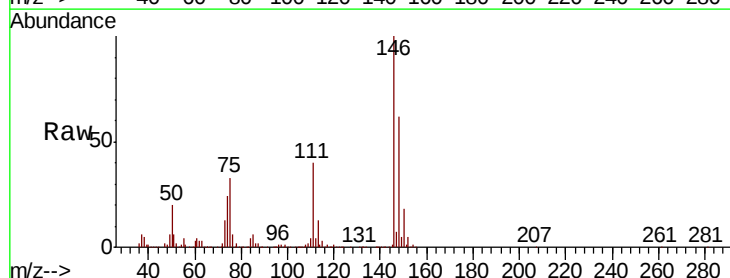
Tgt Ion:146 Resp: 1279565

Ion Ratio Lower Upper

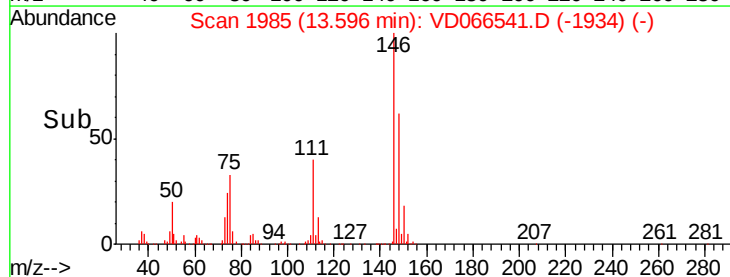
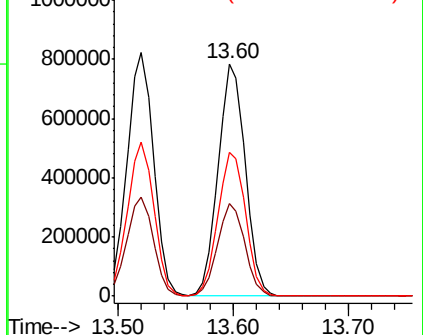
146 100

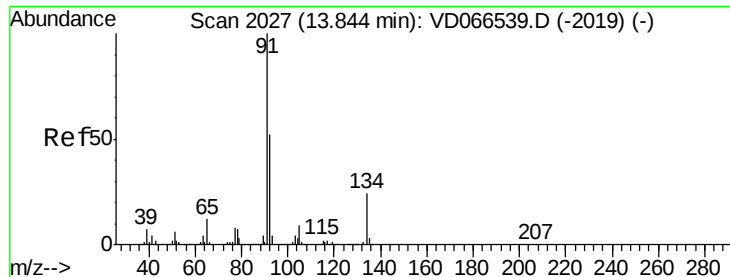
111 39.8 20.1 60.2

148 63.0 31.6 94.8



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





#89

n-Butylbenzene

Concen: 181.561 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

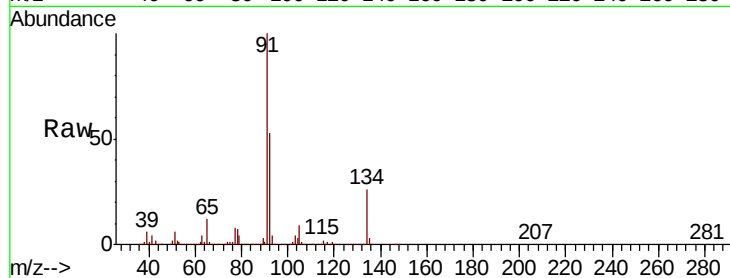
Tot Ion: 91 Resp: 2700151

Ion Ratio Lower Upper

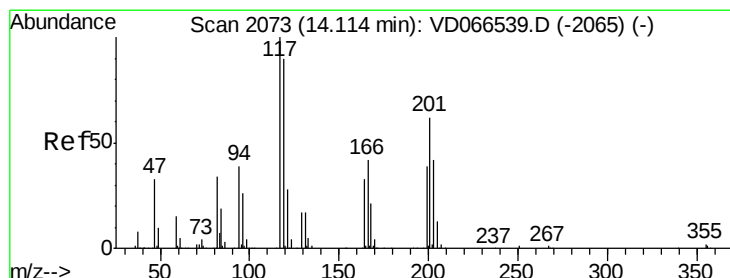
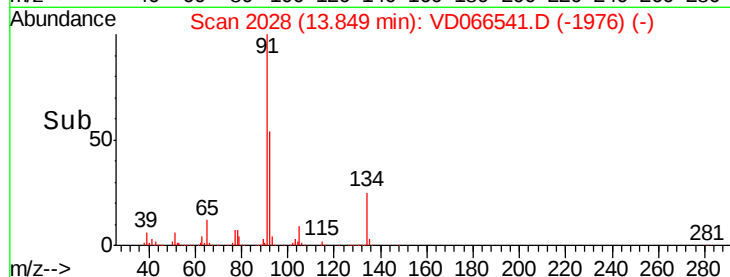
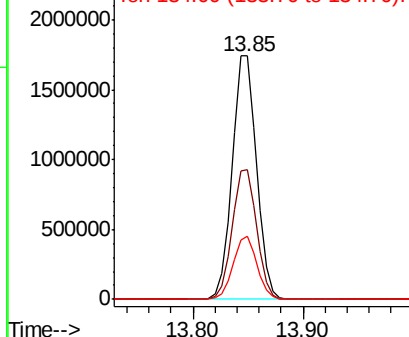
91 100

92 53.3 26.5 79.5

134 25.2 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: 171.014 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066541.D

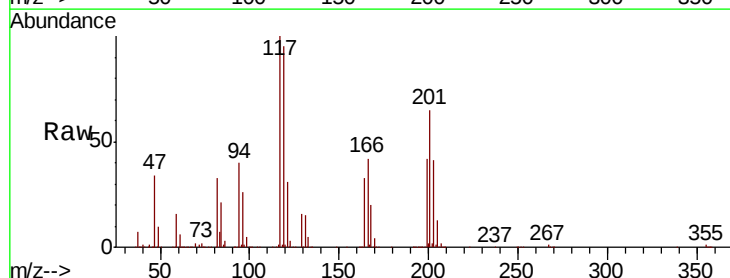
Acq: 03 Sep 2020 16:50

Tgt Ion: 117 Resp: 547376

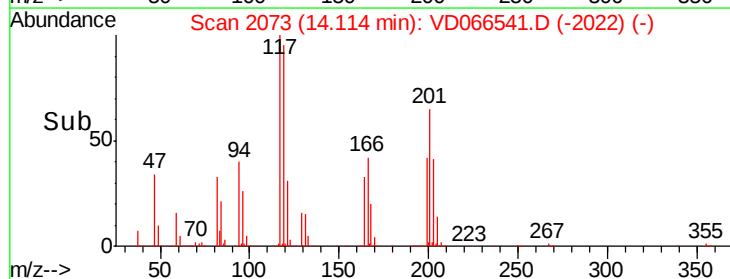
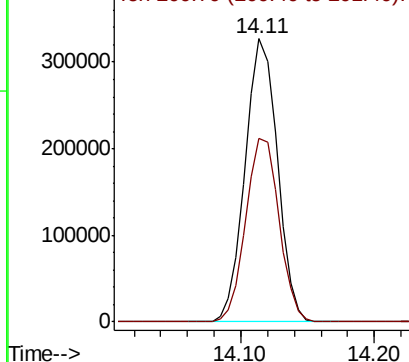
Ion Ratio Lower Upper

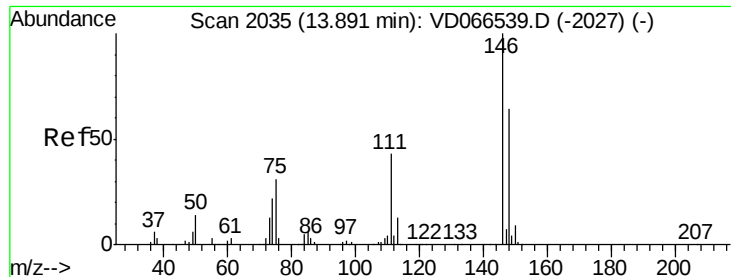
117 100

201 66.8 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: 155.665 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

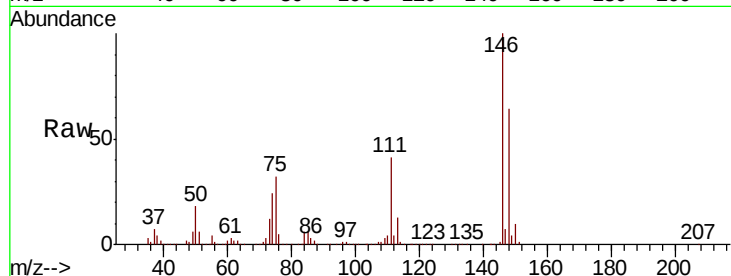
Tot Ion:146 Resp: 1133751

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.4

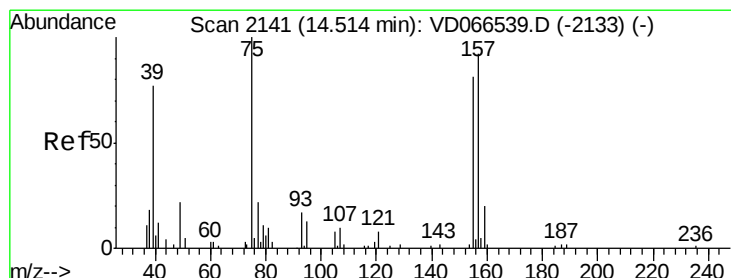
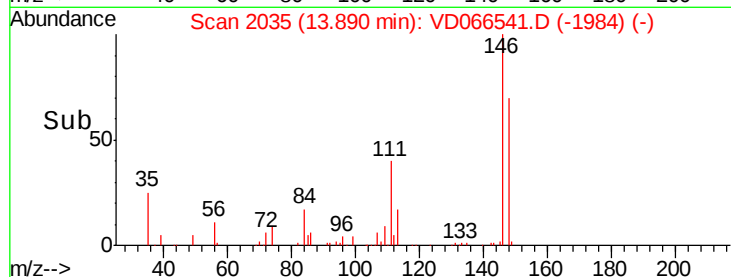
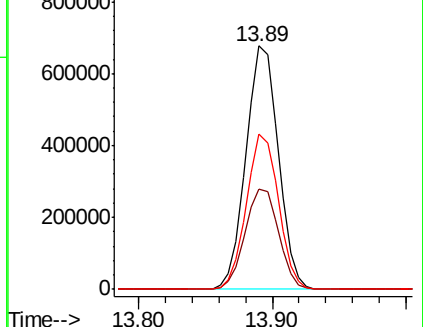
148 63.1 31.8 95.3



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: 155.211 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

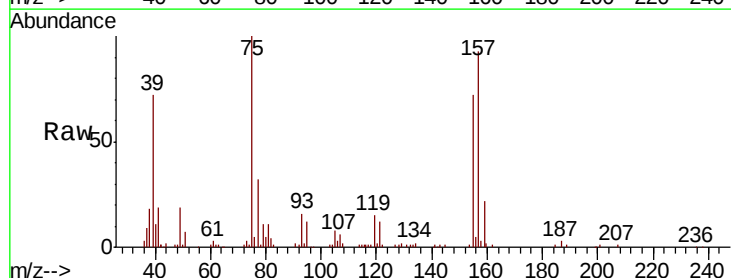
Tgt Ion: 75 Resp: 86275

Ion Ratio Lower Upper

75 100

155 77.0 39.3 117.8

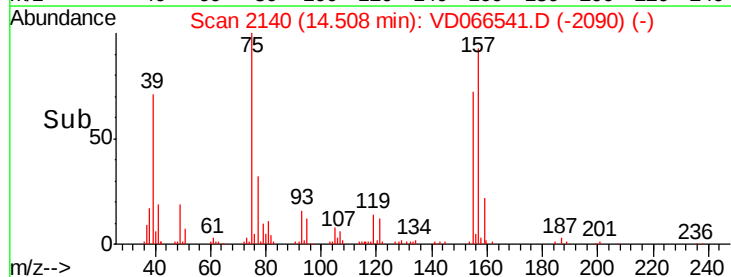
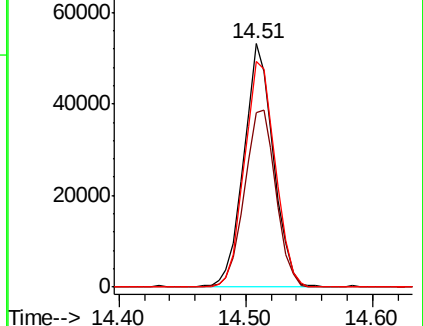
157 96.4 46.0 137.8

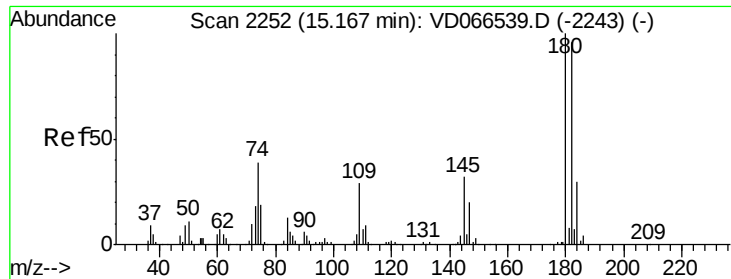


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

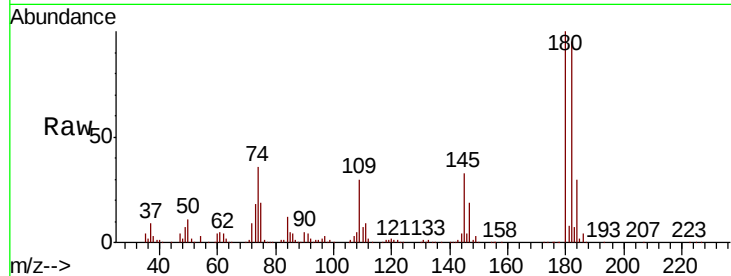




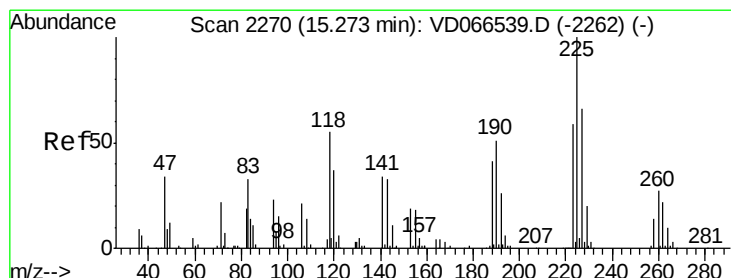
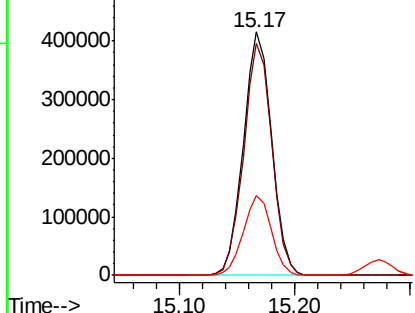
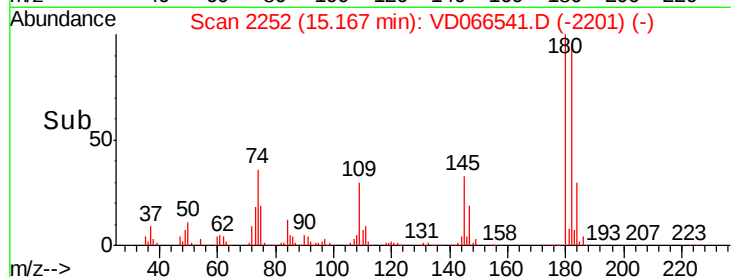
#93
 1,2,4-Trichlorobenzene
 Concen: 128.311 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.0
145	32.6	16.7	50.0

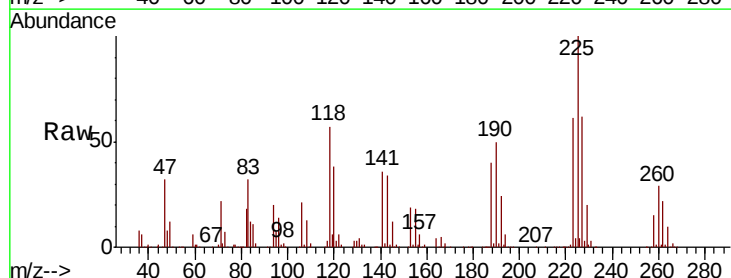


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

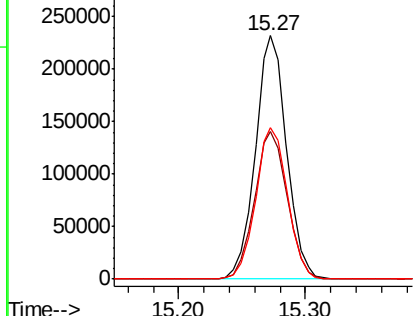
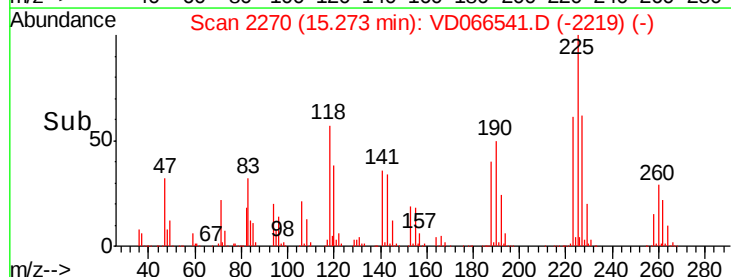


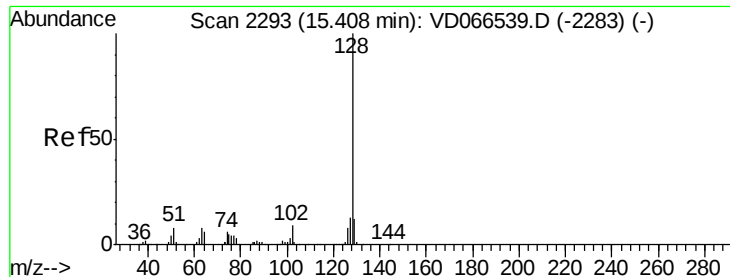
#94
 Hexachlorobutadiene
 Concen: 111.862 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.5	91.5
227	63.3	32.4	97.2



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





#95

Naphthalene

Concen: 154.307 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

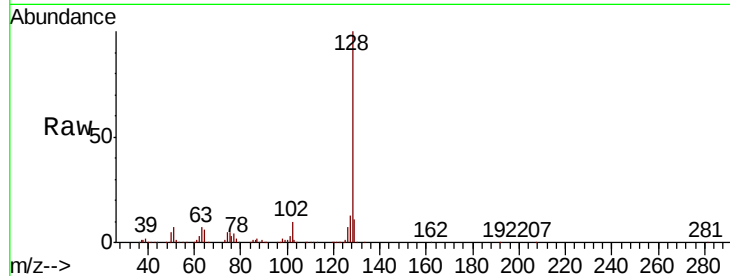
Tot Ion:128 Resp: 1359513

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

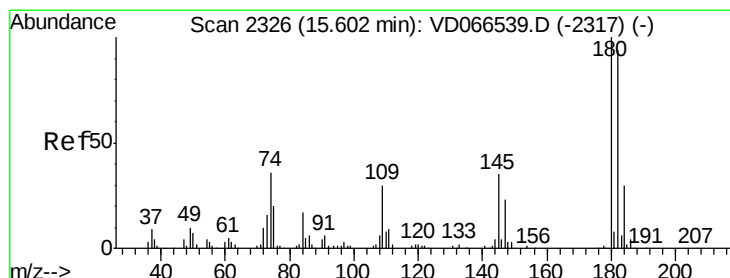
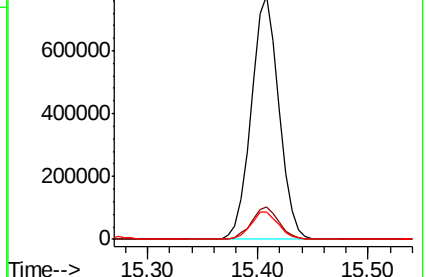
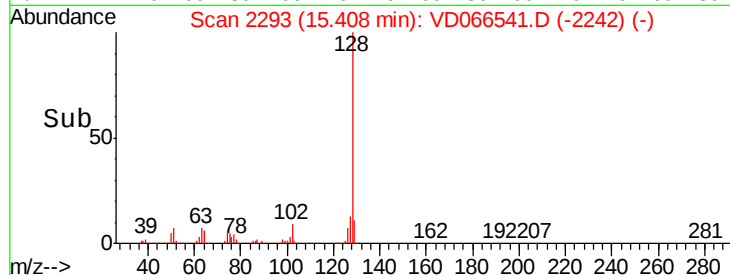
129 11.2 9.1 13.7



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: 126.476 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

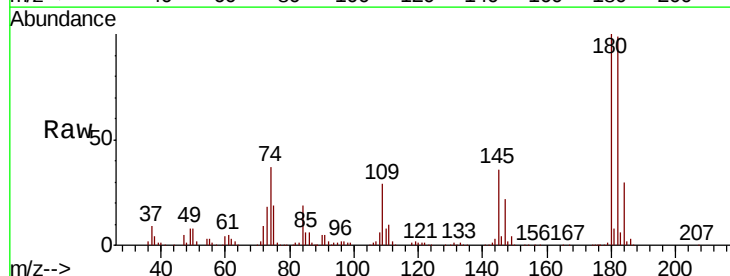
Tgt Ion:180 Resp: 605408

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 34.9 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

