

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
 Data File : VD066576.D
 Acq On : 09 Sep 2020 12:02
 Operator : VA/SY
 Sample : VD0909SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Quant Time: Sep 09 13:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	642785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	576818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236895	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.91	113	222475	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.34	98	819224	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.63	95	275768	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	78634	22.161 ug/l	91
3) Chloromethane	2.21	50	95287	19.272 ug/l	99
4) Vinyl Chloride	2.35	62	114913	20.954 ug/l	97
5) Bromomethane	2.76	94	80718	20.608 ug/l	92
6) Chloroethane	2.92	64	73559	21.118 ug/l	89
7) Trichlorofluoromethane	3.27	101	156381	19.303 ug/l	99
8) Diethyl Ether	3.71	74	38637	18.940 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84685	19.315 ug/l	99
10) Methyl Iodide	4.30	142	70791	20.300 ug/l	99
11) Tert butyl alcohol	5.22	59	37037	97.467 ug/l	99
12) 1,1-Dichloroethene	4.06	96	75368	19.134 ug/l	93
13) Acrolein	3.92	56	18787	97.132 ug/l	93
14) Allyl chloride	4.71	41	119218	18.467 ug/l	94
15) Acrylonitrile	5.42	53	83416	95.187 ug/l	98
16) Acetone	4.16	43	92198	105.929 ug/l	96
17) Carbon Disulfide	4.41	76	246366	19.025 ug/l	99
18) Methyl Acetate	4.72	43	39512	19.044 ug/l	99
19) Methyl tert-butyl Ether	5.48	73	177997	19.270 ug/l	99
20) Methylene Chloride	4.97	84	96550	15.832 ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	88947	19.015 ug/l	97
22) Diisopropyl ether	6.36	45	253428	19.090 ug/l	93
23) Vinyl Acetate	6.30	43	729543	96.568 ug/l	97
24) 1,1-Dichloroethane	6.27	63	157573	18.875 ug/l	99
25) 2-Butanone	7.21	43	111388	95.335 ug/l	97
26) 2,2-Dichloropropane	7.20	77	153442	20.037 ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	94698	18.826 ug/l	97
28) Bromochloromethane	7.55	49	56211	17.489 ug/l	99
29) Tetrahydrofuran	7.56	42	66552	91.460 ug/l	98
30) Chloroform	7.70	83	168783	19.110 ug/l	94
31) Cyclohexane	7.98	56	139485	18.075 ug/l	# 90
32) 1,1,1-Trichloroethane	7.90	97	158186	19.050 ug/l	100
36) 1,1-Dichloropropene	8.11	75	131123	19.602 ug/l	98
37) Ethyl Acetate	7.29	43	50549	18.977 ug/l	99
38) Carbon Tetrachloride	8.09	117	143452	20.288 ug/l	95

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 Data File : VD066576.D
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 Operator : VA/SY
 Sample : VD0909SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Quant Time: Sep 09 13:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	145992	19.544	ug/l	93
40) Benzene	8.35	78	341435	18.636	ug/l	97
41) Methacrylonitrile	7.56	41	69724	54.075	ug/l #	34
42) 1,2-Dichloroethane	8.43	62	113971	19.200	ug/l	98
43) Isopropyl Acetate	8.45	43	97295	19.060	ug/l	99
44) Trichloroethene	9.11	130	96119	20.001	ug/l	92
45) 1,2-Dichloropropane	9.38	63	85073	18.465	ug/l	94
46) Dibromomethane	9.47	93	49423	19.443	ug/l	97
47) Bromodichloromethane	9.66	83	129043	18.764	ug/l	96
48) Methyl methacrylate	9.45	41	45031	17.446	ug/l	91
49) 1,4-Dioxane	9.46	88	10398	372.862	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	249535	96.928	ug/l	97
52) Toluene	10.40	92	219977	18.968	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	118015	19.439	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	140473	19.268	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	61916	18.944	ug/l	93
56) Ethyl methacrylate	10.66	69	73640	19.351	ug/l	96
57) 1,3-Dichloropropane	10.94	76	110105	19.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	199503	114.619	ug/l	97
59) 2-Hexanone	10.98	43	167205	96.580	ug/l	99
60) Dibromochloromethane	11.14	129	84057	19.449	ug/l	98
61) 1,2-Dibromoethane	11.24	107	59799	18.807	ug/l	99
64) Tetrachloroethene	10.87	164	74821	19.265	ug/l	95
65) Chlorobenzene	11.67	112	225095	18.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85152	18.741	ug/l	98
67) Ethyl Benzene	11.74	91	425901	19.483	ug/l	97
68) m/p-Xylenes	11.86	106	322470	39.729	ug/l	98
69) o-Xylene	12.18	106	137901	18.958	ug/l	96
70) Styrene	12.20	104	240147	18.990	ug/l	97
71) Bromoform	12.36	173	44158	19.284	ug/l #	100
73) Isopropylbenzene	12.48	105	398350	19.674	ug/l	99
74) N-amyl acetate	12.29	43	86179	18.793	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	69332	19.382	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	89014	33.845	ug/l #	100
77) Bromobenzene	12.76	156	88904	19.695	ug/l	98
78) n-propylbenzene	12.82	91	484168	19.726	ug/l	100
79) 2-Chlorotoluene	12.91	91	270958	19.678	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	335874	19.709	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20401	18.110	ug/l	95
82) 4-Chlorotoluene	13.00	91	285824	19.411	ug/l	98
83) tert-Butylbenzene	13.23	119	272794	19.602	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	338941	19.977	ug/l	97
85) sec-Butylbenzene	13.40	105	397031	19.802	ug/l	99
86) p-Isopropyltoluene	13.52	119	358925	19.889	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	172039	19.197	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	173029	19.237	ug/l	98
89) n-Butylbenzene	13.84	91	348007	19.789	ug/l	100
90) Hexachloroethane	14.11	117	73024	18.780	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	147483	18.828	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10837	17.834	ug/l	86

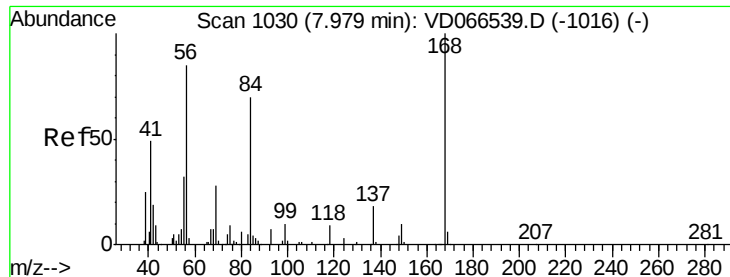
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
Data File : VD066576.D
Acq On : 09 Sep 2020 12:02
Operator : VA/SY
Sample : VD0909SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Sep 09 13:09:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	94110	20.019	ug/l	99
94) Hexachlorobutadiene	15.27	225	57223	20.262	ug/l	99
95) Naphthalene	15.41	128	170947	20.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	82310	20.537	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

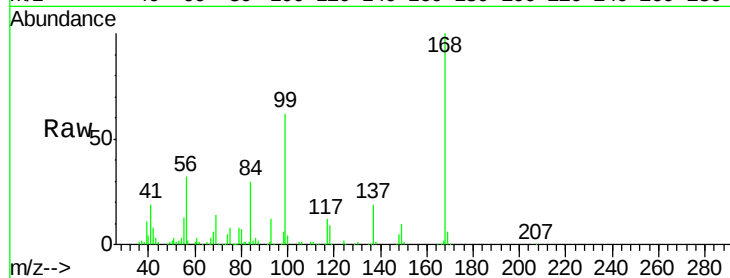
VD0909SBS01

Tgt Ion:168 Resp: 390971

Ion Ratio Lower Upper

168 100

99 61.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

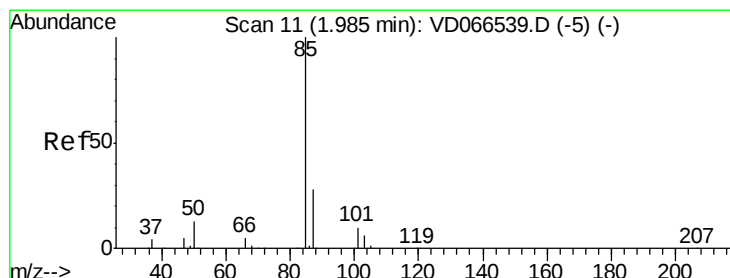
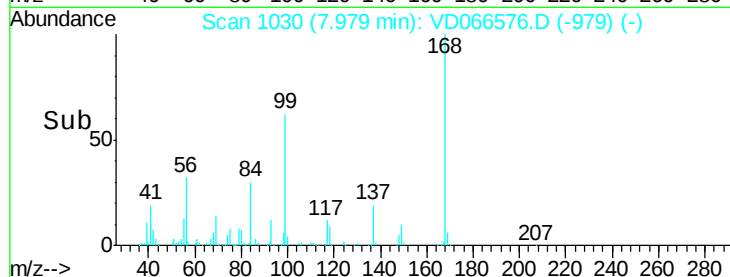
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.161 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066576.D

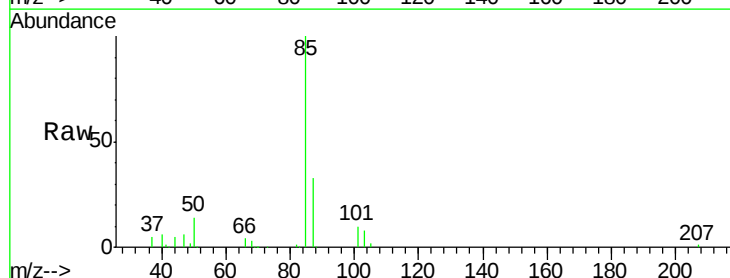
Acq: 09 Sep 2020 12:02

Tgt Ion: 85 Resp: 78634

Ion Ratio Lower Upper

85 100

87 32.9 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

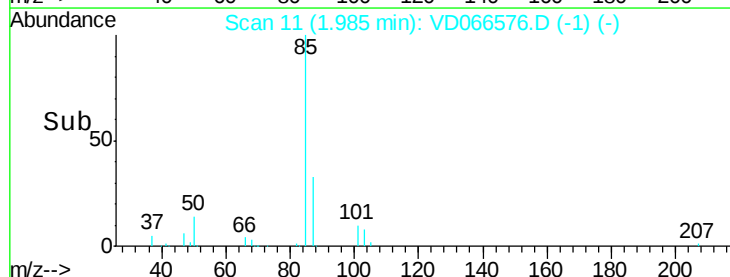
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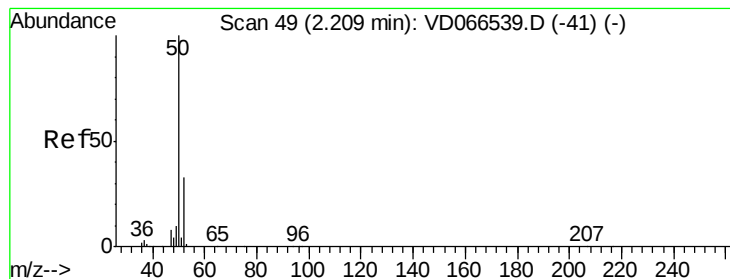
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.272 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

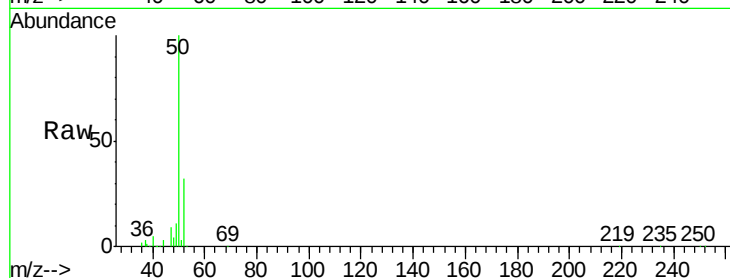
VD0909SBS01

Tgt Ion: 50 Resp: 95287

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

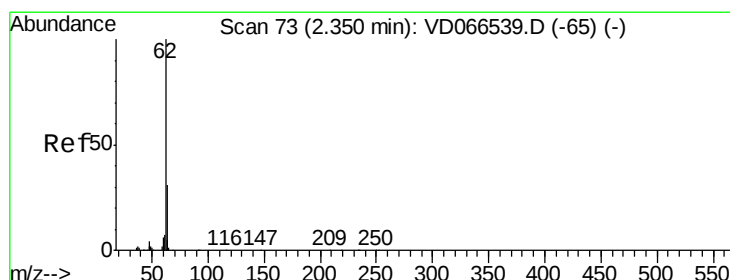
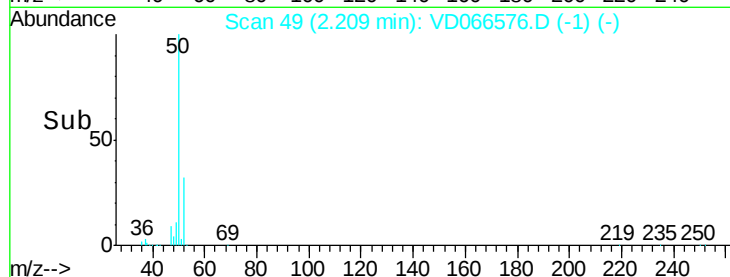
60000

40000

20000

0

Time--> 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 20.954 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066576.D

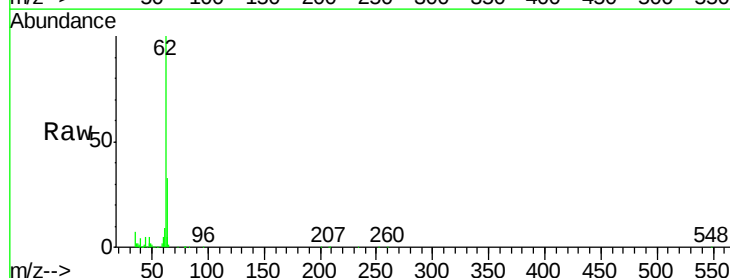
Acq: 09 Sep 2020 12:02

Tgt Ion: 62 Resp: 114913

Ion Ratio Lower Upper

62 100

64 33.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

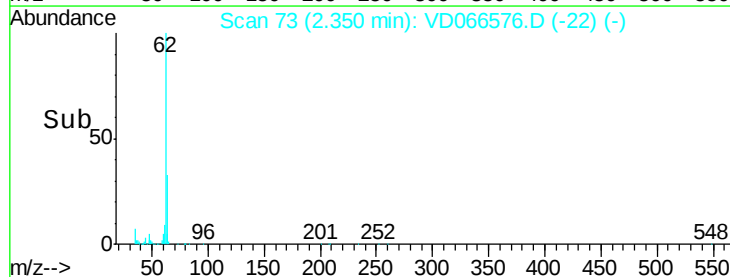
60000

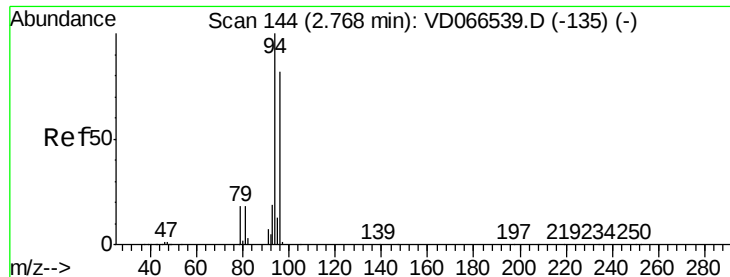
40000

20000

0

Time--> 2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 20.608 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

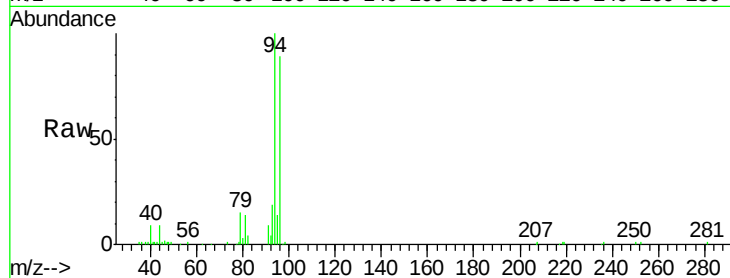
VD0909SBS01

Tgt Ion: 94 Resp: 80718

Ion Ratio Lower Upper

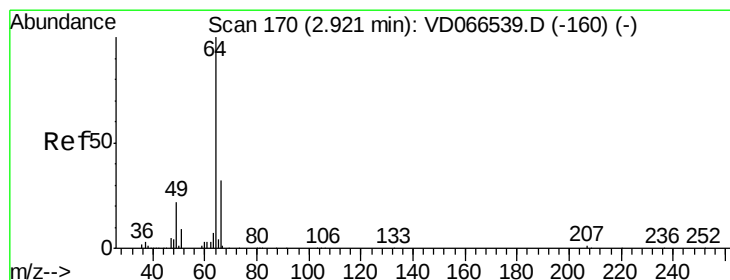
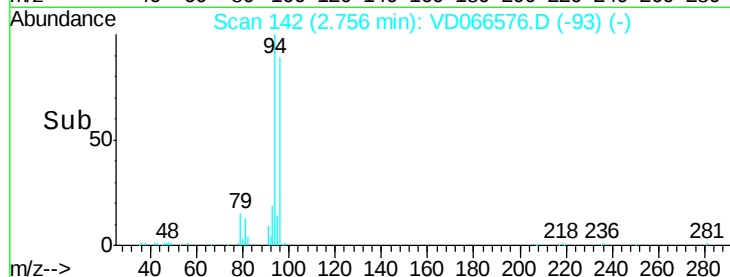
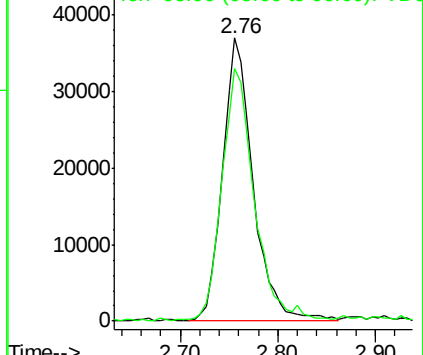
94 100

96 88.7 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: 21.118 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066576.D

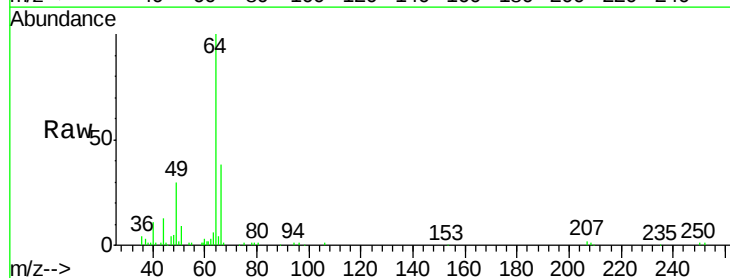
Acq: 09 Sep 2020 12:02

Tgt Ion: 64 Resp: 73559

Ion Ratio Lower Upper

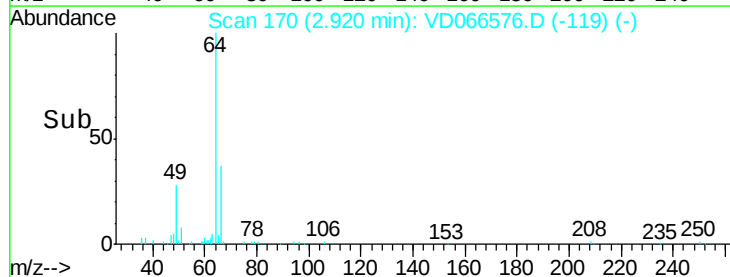
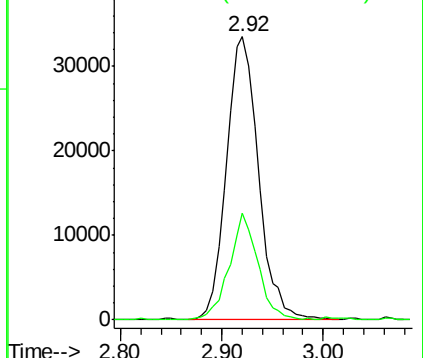
64 100

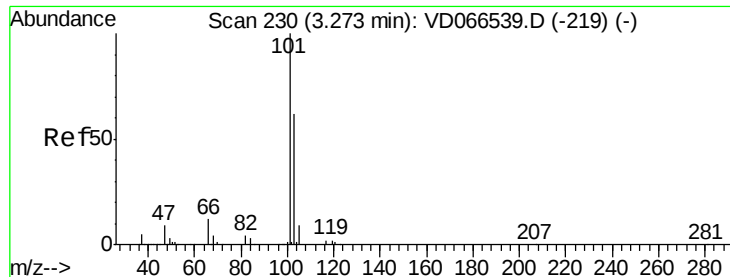
66 37.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



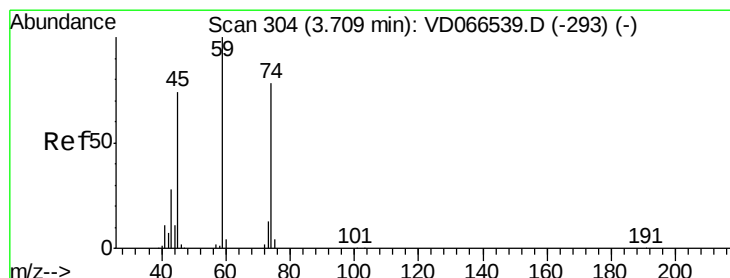
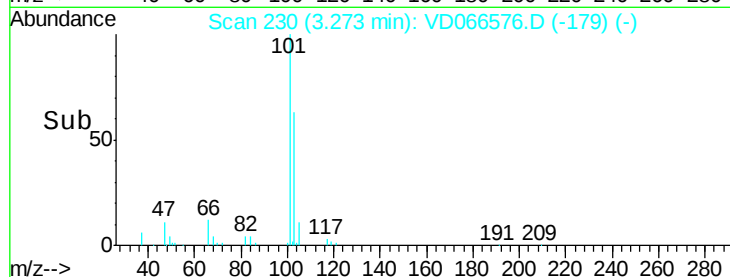
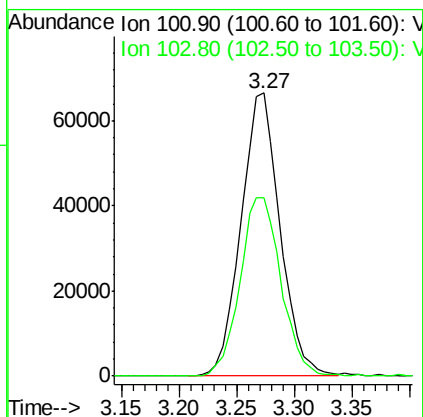
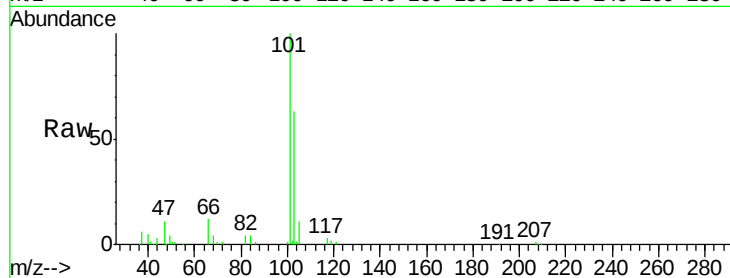


#7

Trichlorofluoromethane
Concen: 19.303 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

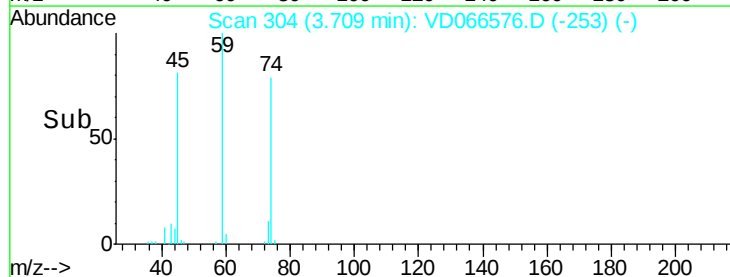
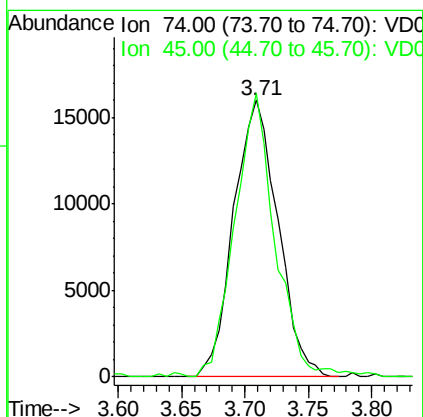
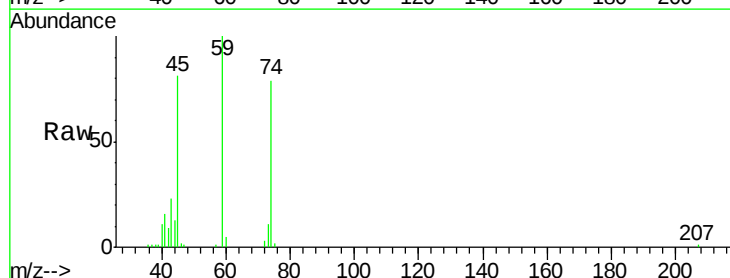
Tgt Ion: 101 Resp: 156381
Ion Ratio Lower Upper
101 100
103 62.9 49.7 74.5

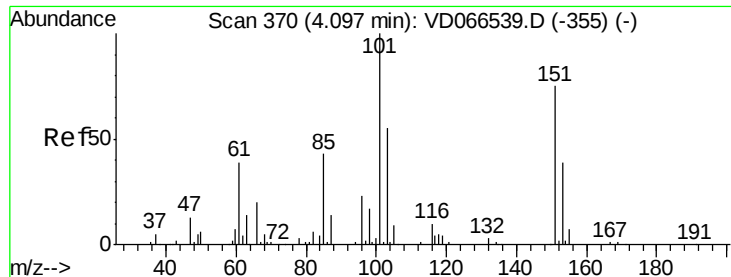


#8

Diethyl Ether
Concen: 18.940 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 74 Resp: 38637
Ion Ratio Lower Upper
74 100
45 94.0 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.315 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

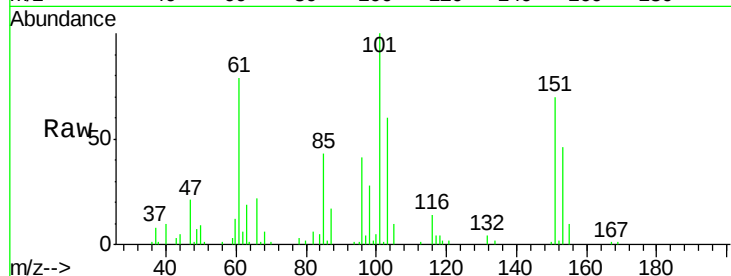
Tgt Ion:101 Resp: 84685

Ion Ratio Lower Upper

101 100

85 46.8 37.0 55.6

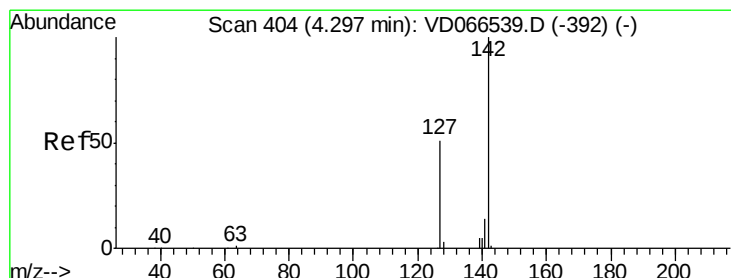
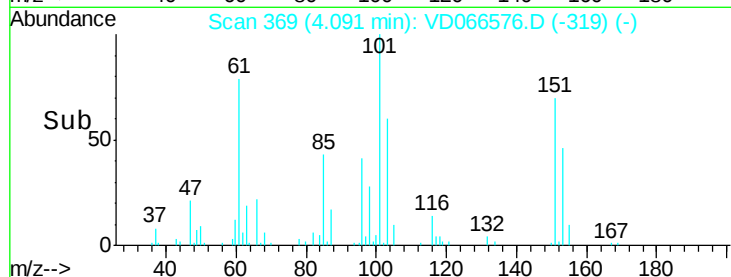
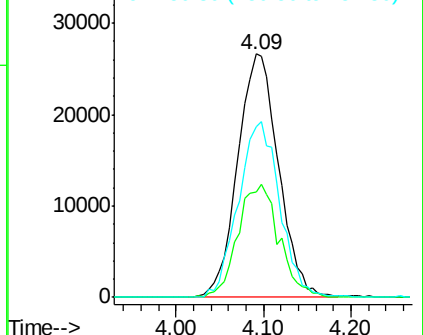
151 73.1 59.4 89.2



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: 20.300 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

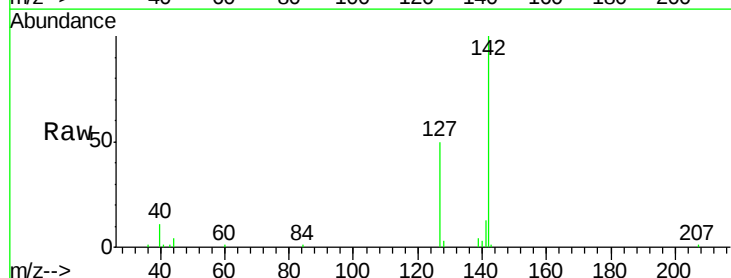
Tgt Ion:142 Resp: 70791

Ion Ratio Lower Upper

142 100

127 49.9 40.6 61.0

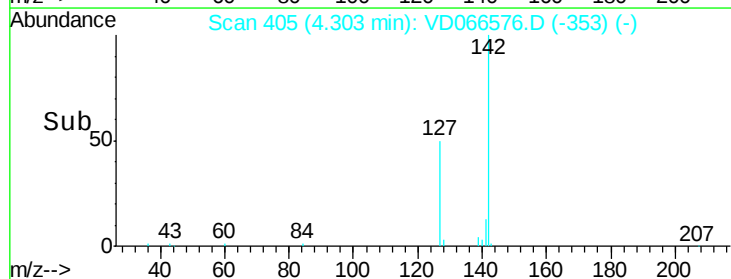
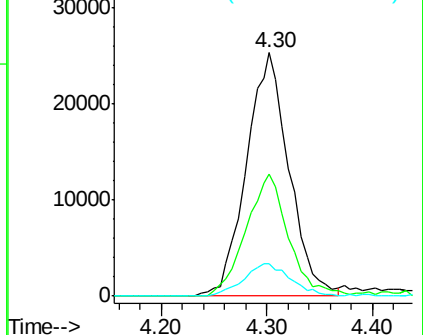
141 14.6 12.2 18.4

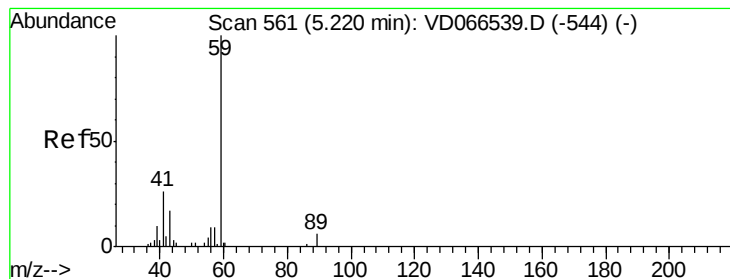


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.467 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

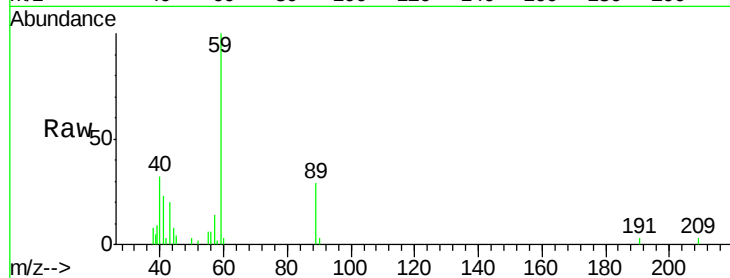
VD0909SBS01

Tgt Ion: 59 Resp: 37037

Ion Ratio Lower Upper

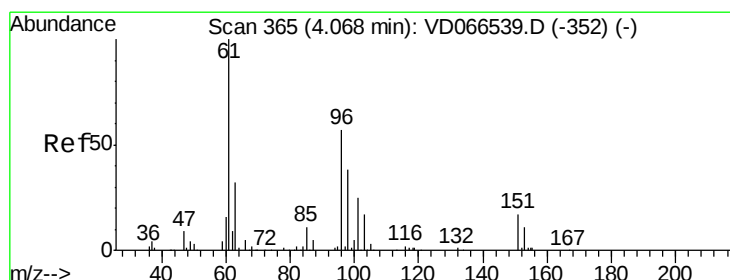
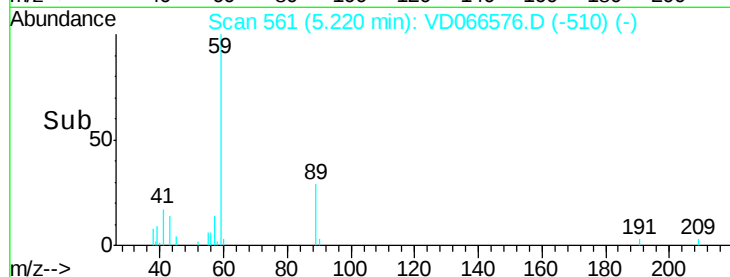
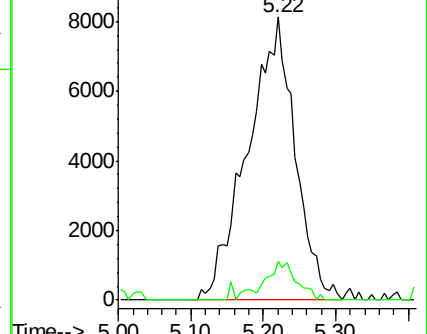
59 100

57 9.1 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.134 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

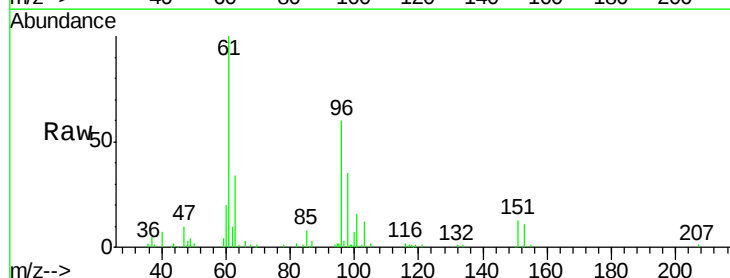
Tgt Ion: 96 Resp: 75368

Ion Ratio Lower Upper

96 100

61 167.3 140.9 211.3

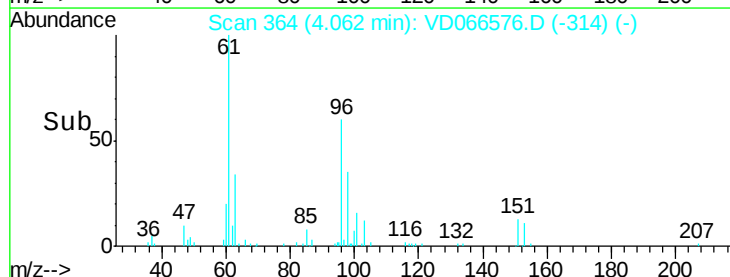
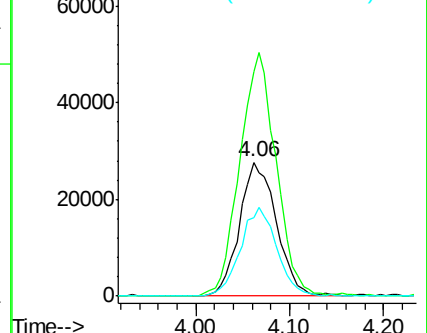
98 59.0 53.2 79.8

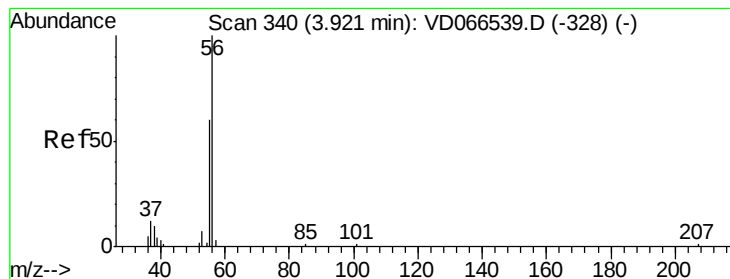


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 97.132 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

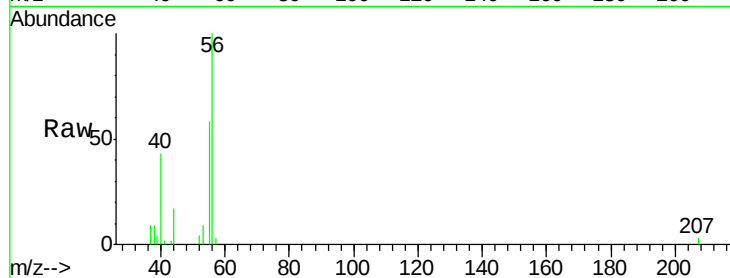
VD0909SBS01

Tgt Ion: 56 Resp: 18787

Ion Ratio Lower Upper

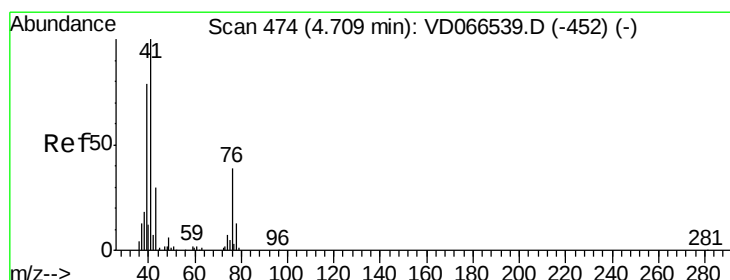
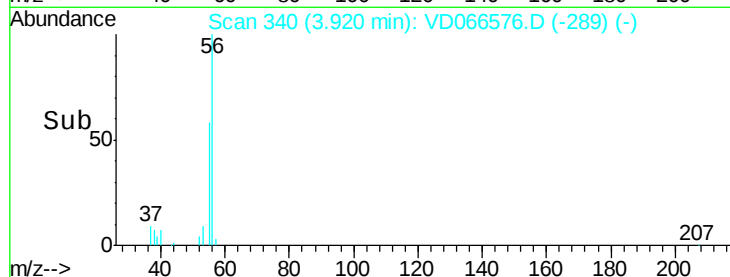
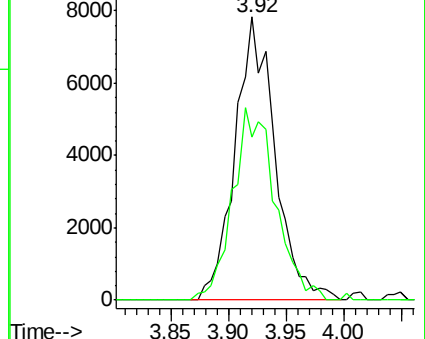
56 100

55 72.3 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.467 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

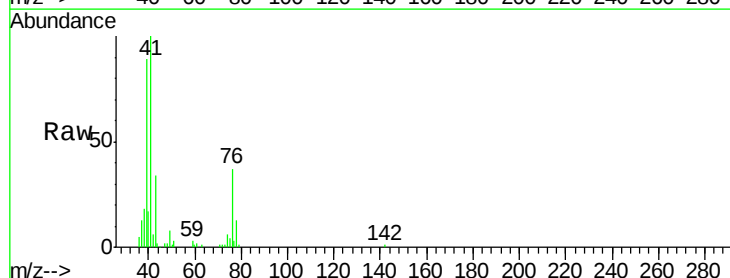
Tgt Ion: 41 Resp: 119218

Ion Ratio Lower Upper

41 100

39 85.0 61.9 92.9

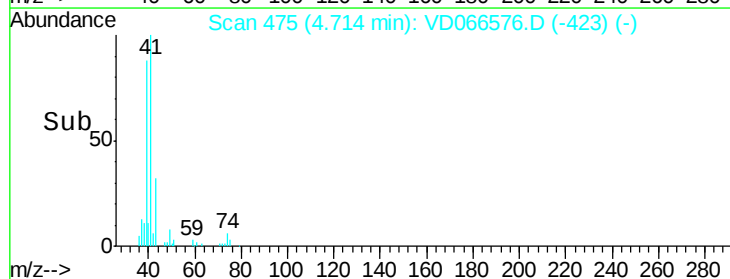
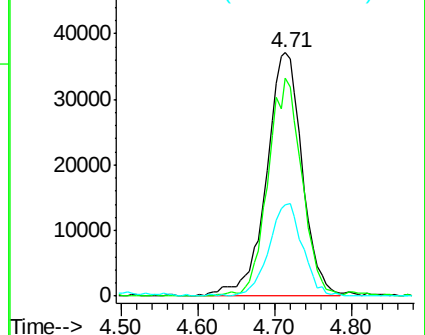
76 35.7 29.0 43.6

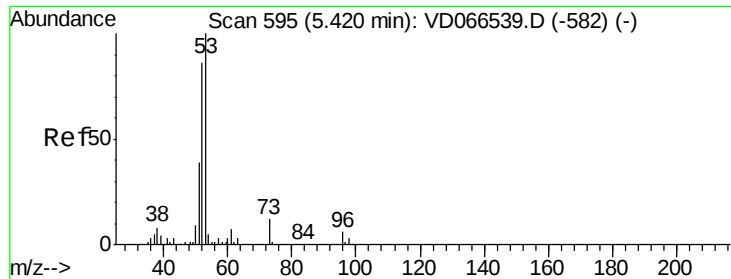


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 95.187 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

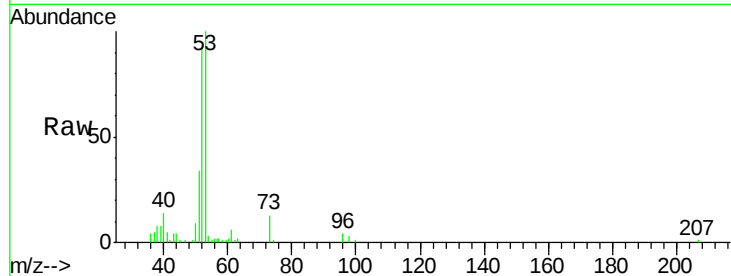
Tgt Ion: 53 Resp: 83416

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

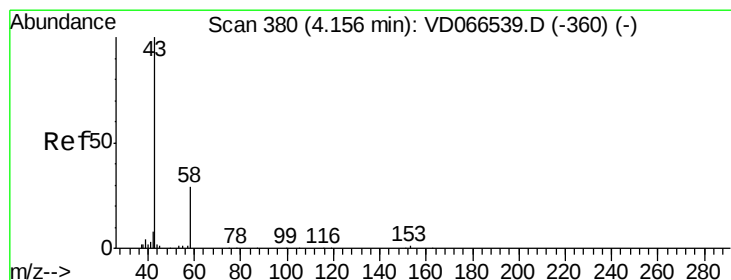
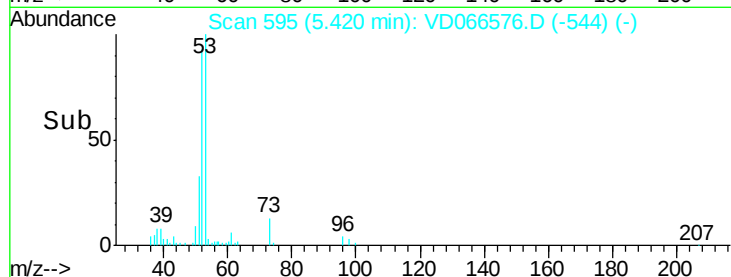
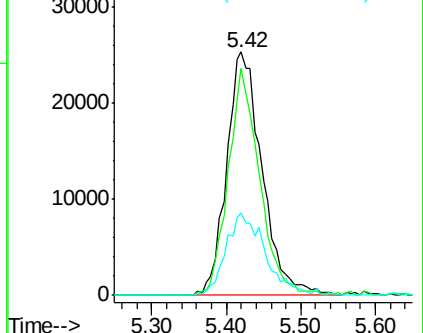
51 37.2 31.2 46.8



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: 105.929 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066576.D

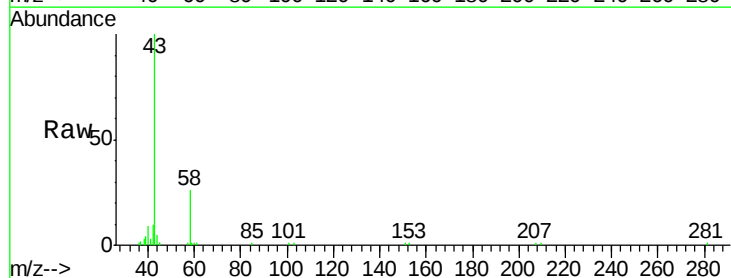
Acq: 09 Sep 2020 12:02

Tgt Ion: 43 Resp: 92198

Ion Ratio Lower Upper

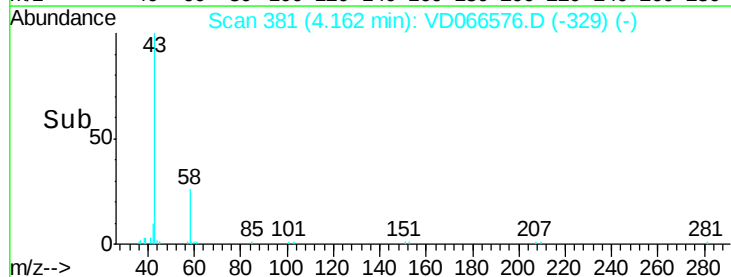
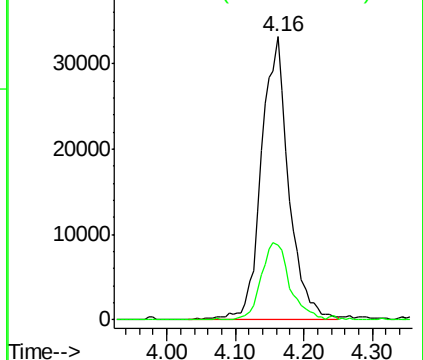
43 100

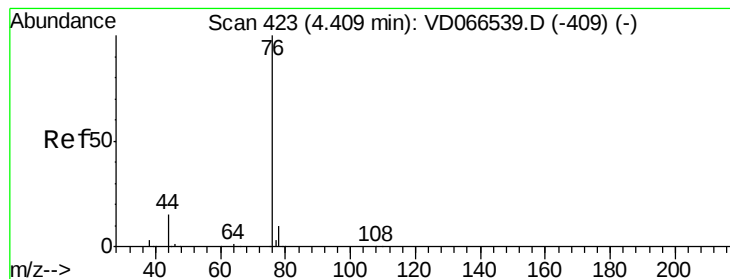
58 26.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.025 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

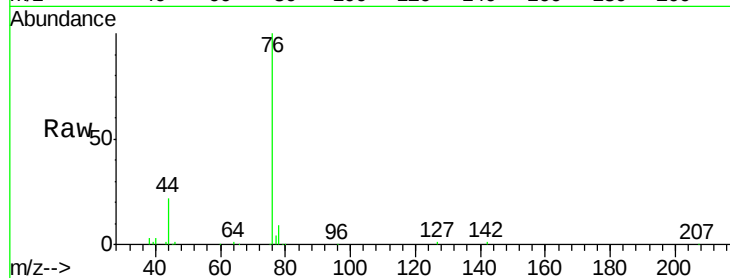
VD0909SBS01

Tgt Ion: 76 Resp: 246366

Ion Ratio Lower Upper

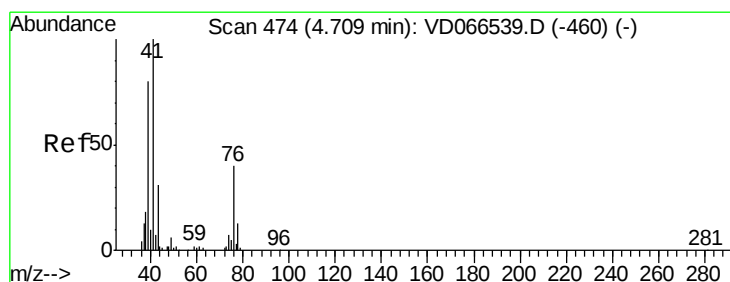
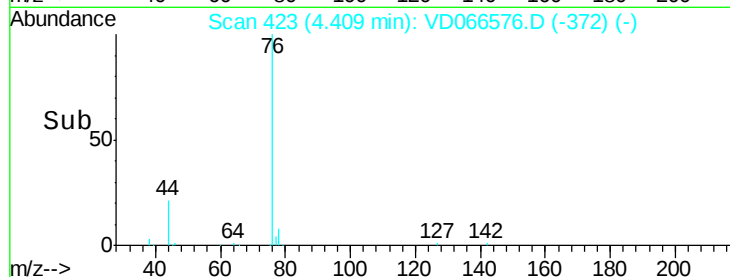
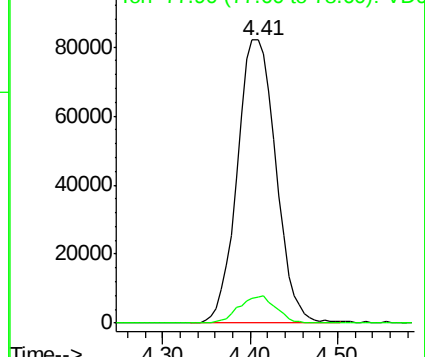
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 19.044 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066576.D

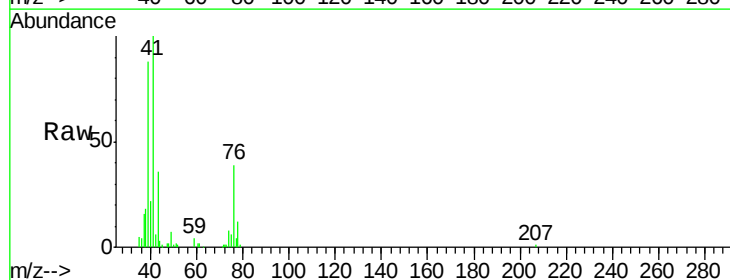
Acq: 09 Sep 2020 12:02

Tgt Ion: 43 Resp: 39512

Ion Ratio Lower Upper

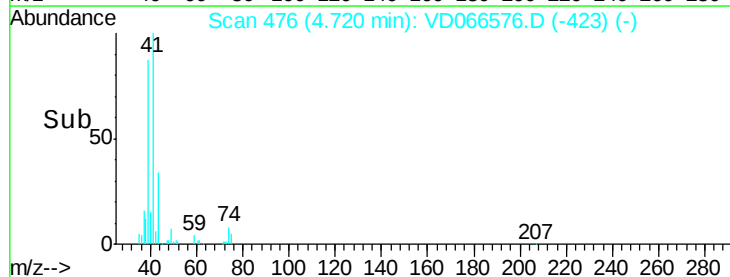
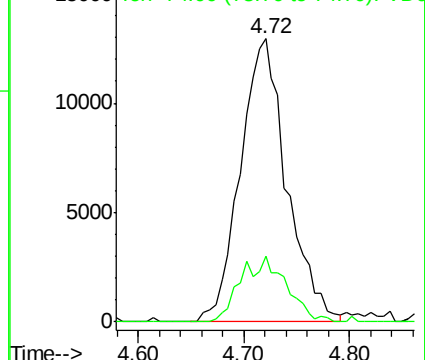
43 100

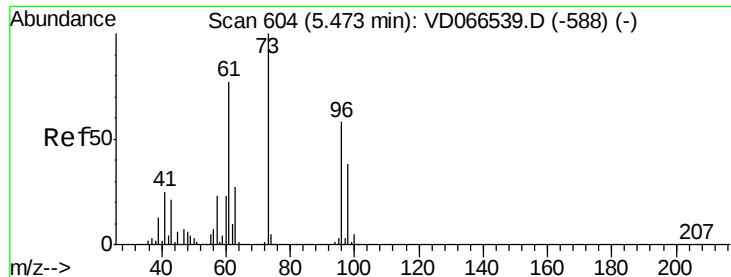
74 22.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

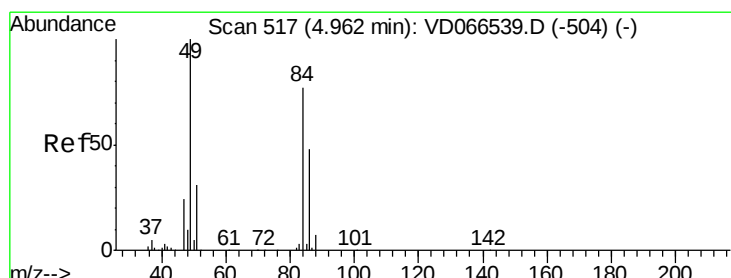
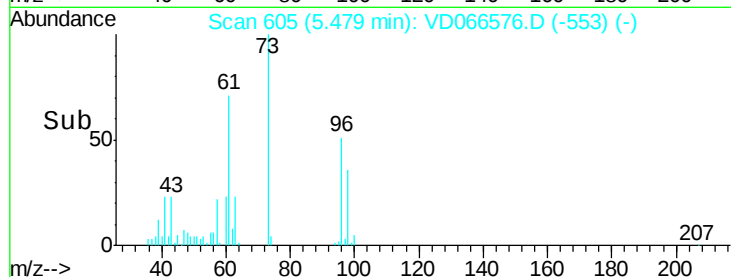
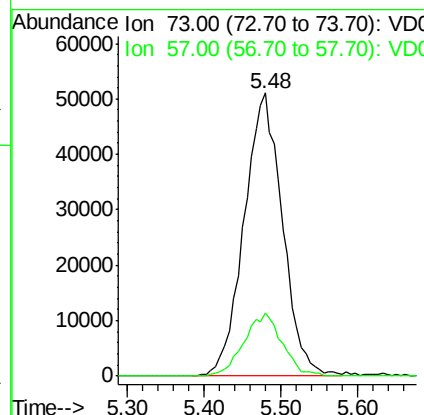
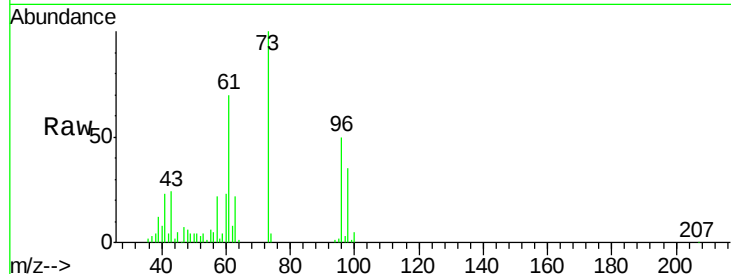




#19
Methyl tert-butyl Ether
Concen: 19.270 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

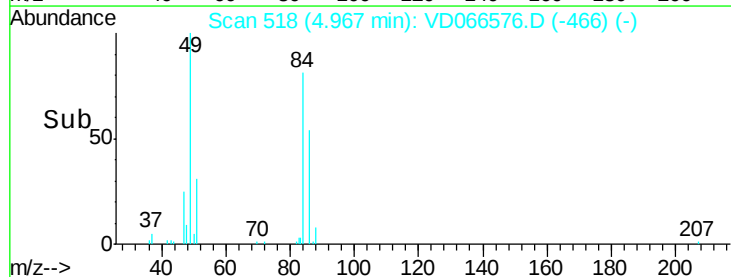
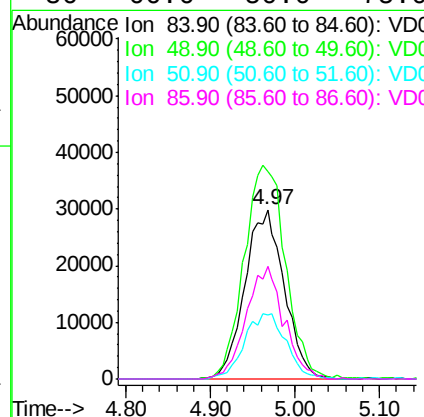
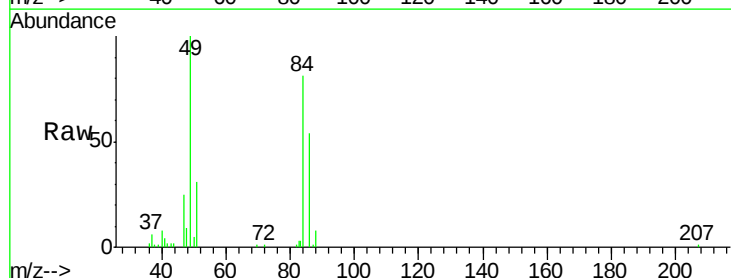
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

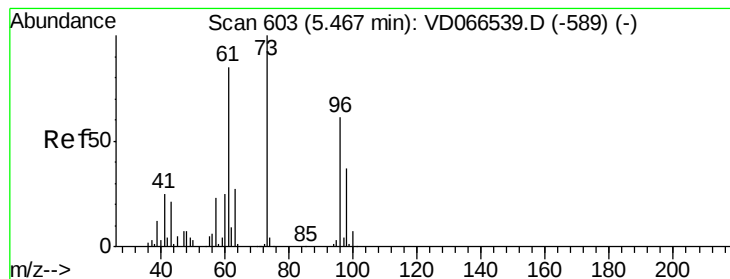
Tgt Ion: 73 Resp: 177997
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 15.832 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 84 Resp: 96550
Ion Ratio Lower Upper
84 100
49 122.7 104.3 156.5
51 37.6 32.2 48.4
86 66.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.015 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

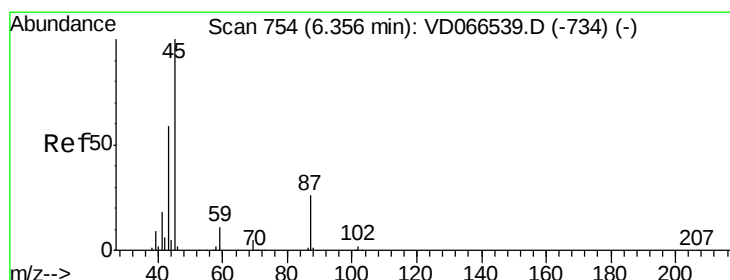
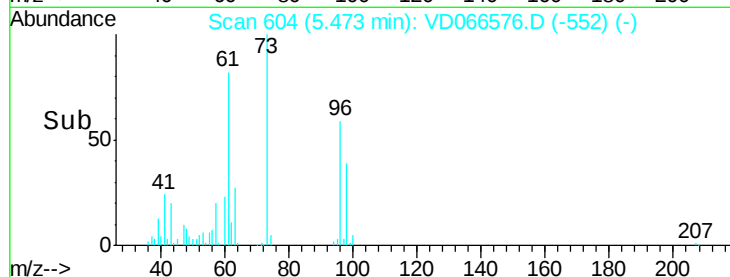
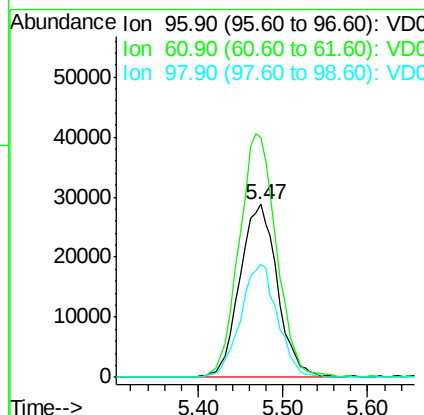
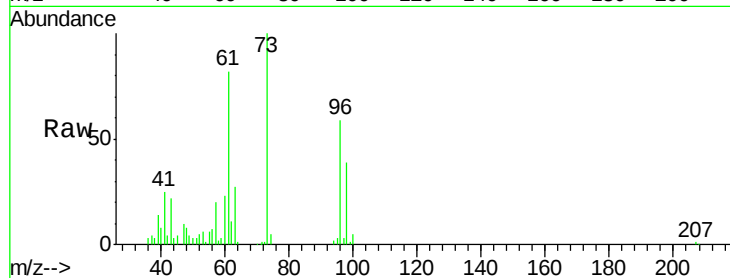
Tgt Ion: 96 Resp: 88947

Ion Ratio Lower Upper

96 100

61 138.5 112.1 168.1

98 65.5 48.6 72.8



#22

Diisopropyl ether

Concen: 19.090 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Tgt Ion: 45 Resp: 253428

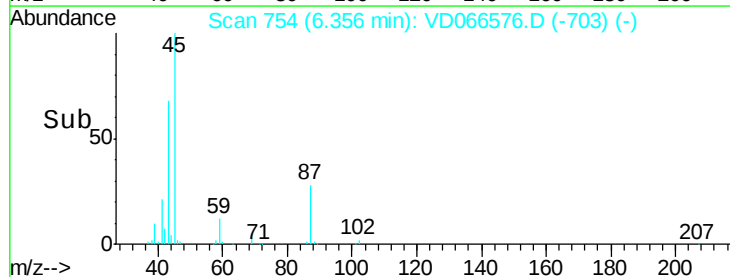
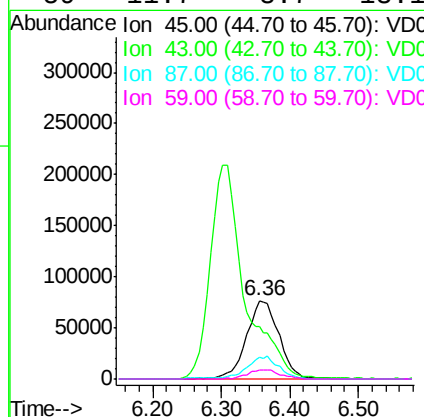
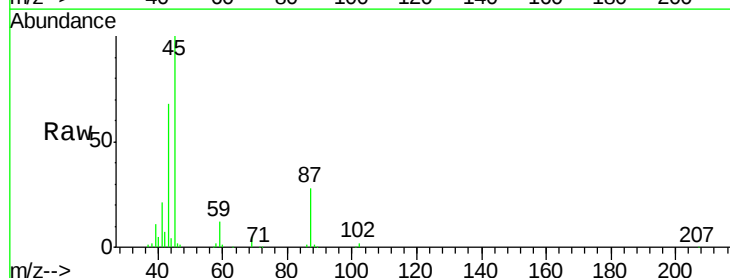
Ion Ratio Lower Upper

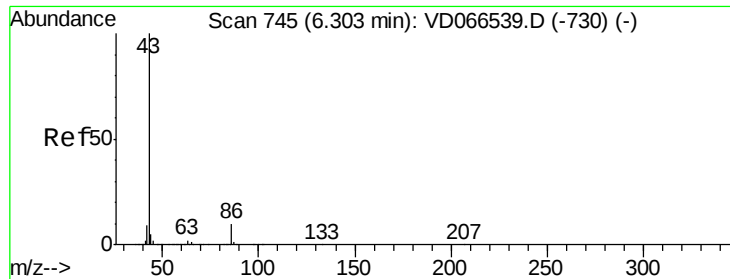
45 100

43 66.5 47.0 70.4

87 27.8 21.3 31.9

59 11.7 8.7 13.1





#23

Vinyl Acetate

Concen: 96.568 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

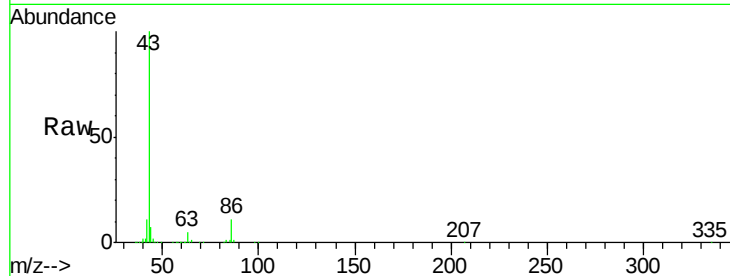
VD0909SBS01

Tgt Ion: 43 Resp: 729543

Ion Ratio Lower Upper

43 100

86 10.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

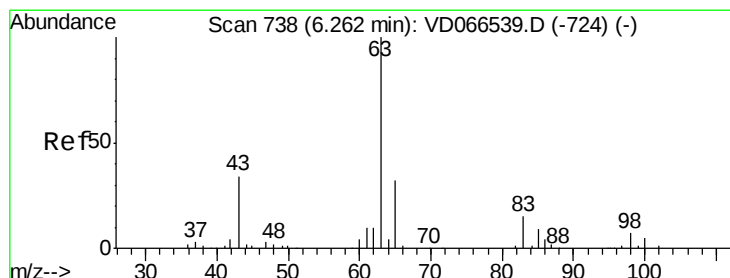
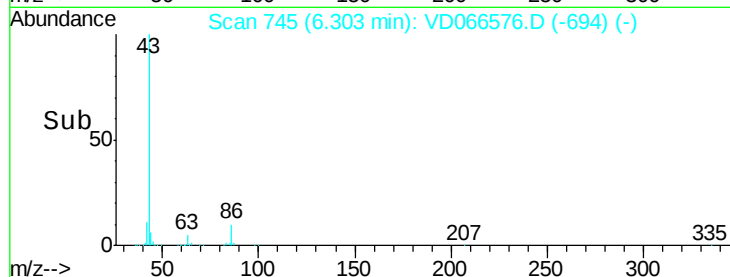
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 18.875 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

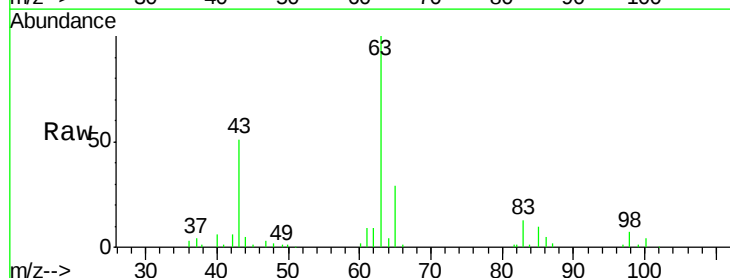
Tgt Ion: 63 Resp: 157573

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

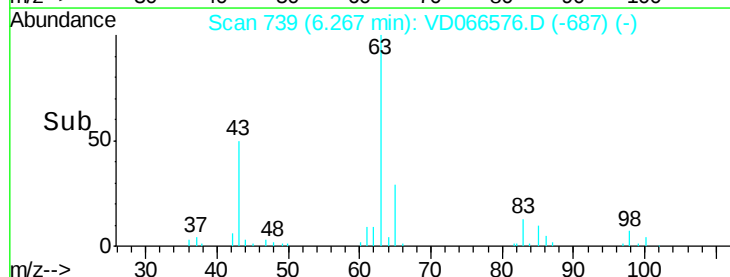
60000

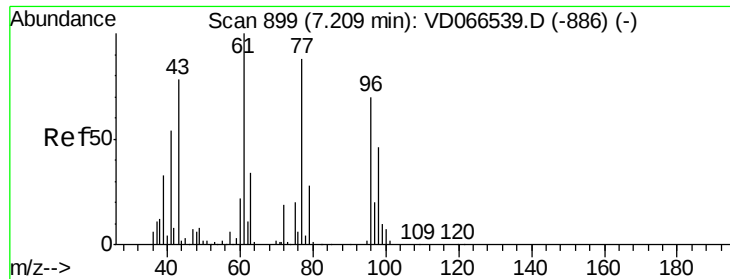
40000

20000

0

Time--> 6.10 6.20 6.30 6.40

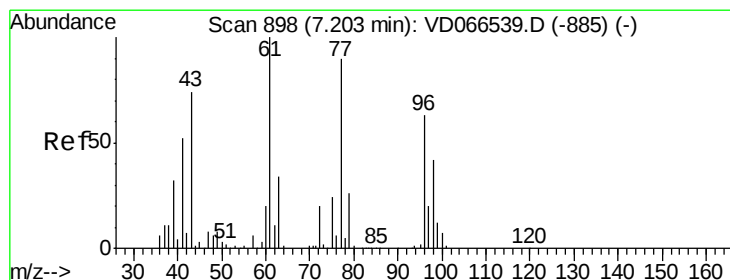
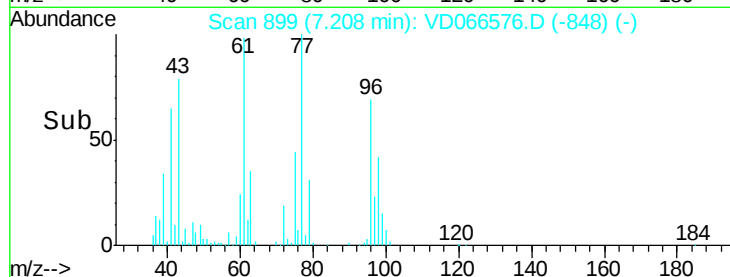
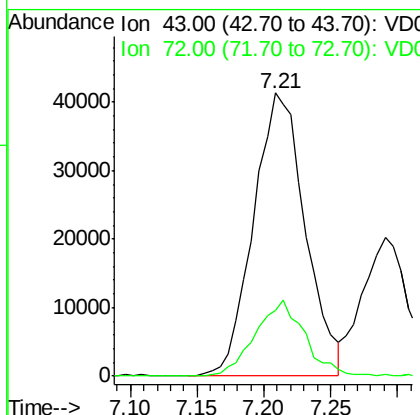
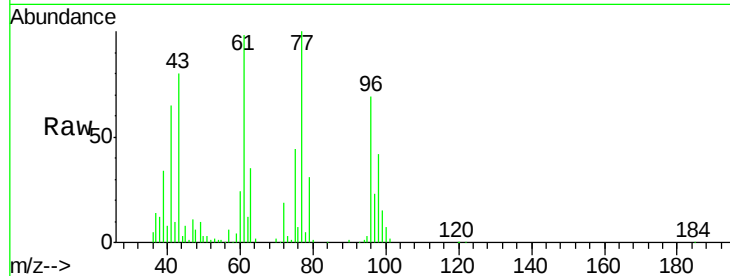




#25
 2-Butanone
 Concen: 95.335 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

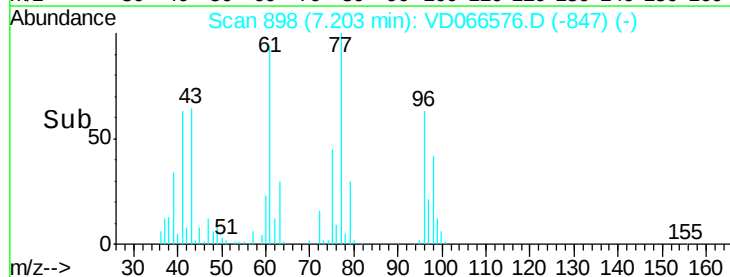
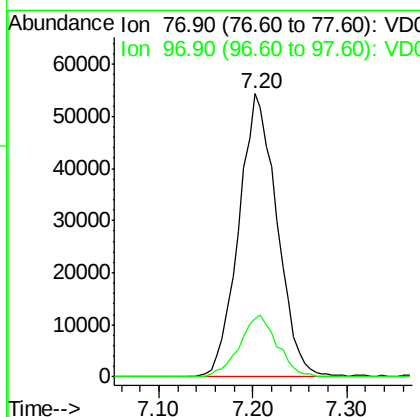
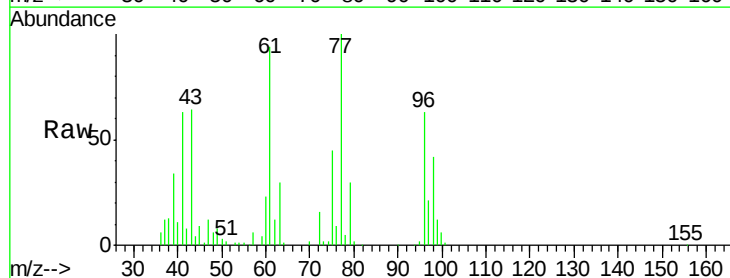
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

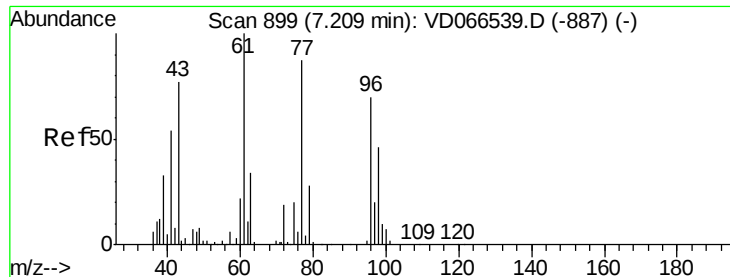
Tgt Ion: 43 Resp: 111388
 Ion Ratio Lower Upper
 43 100
 72 23.3 19.8 29.6



#26
 2,2-Dichloropropane
 Concen: 20.037 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 77 Resp: 153442
 Ion Ratio Lower Upper
 77 100
 97 21.4 10.8 32.3



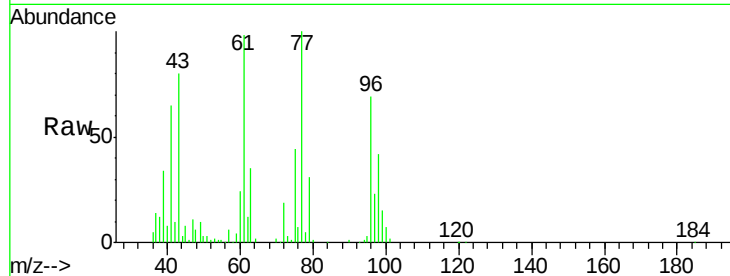


#27

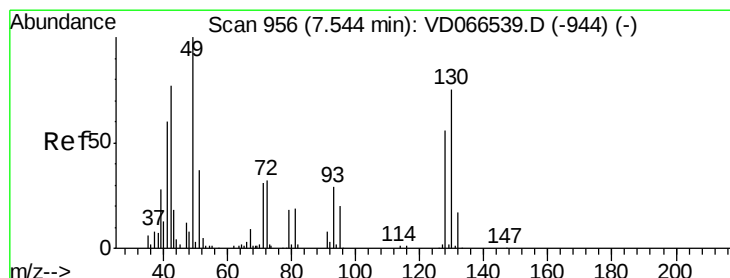
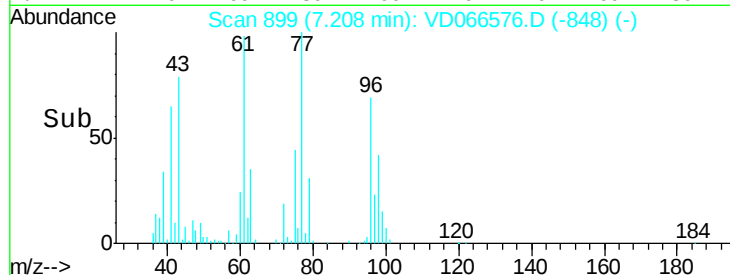
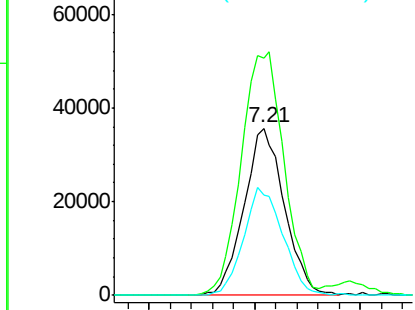
cis-1,2-Dichloroethene
 Concen: 18.826 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tgt Ion: 96 Resp: 94698
 Ion Ratio Lower Upper
 96 100
 61 154.6 0.0 301.0
 98 62.8 0.0 129.8



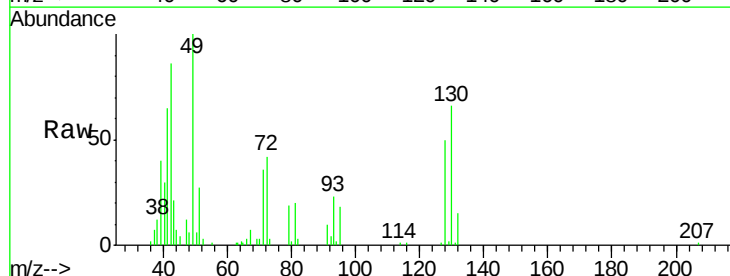
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



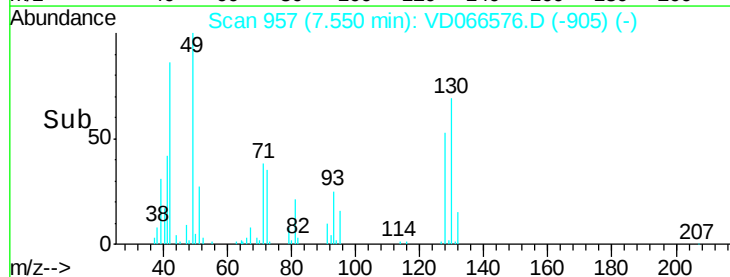
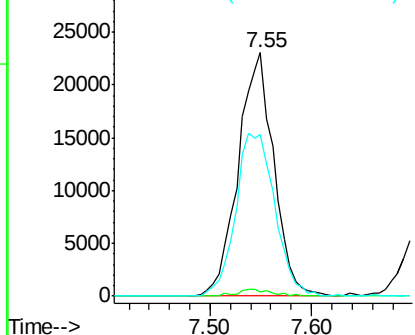
#28

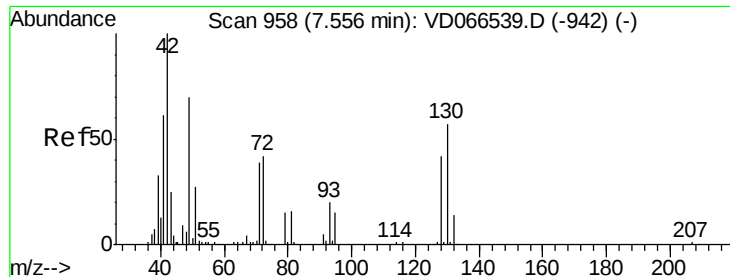
Bromochloromethane
 Concen: 17.489 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 49 Resp: 56211
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.6
 130 73.3 58.2 87.2



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





#29

Tetrahydrofuran

Concen: 91.460 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

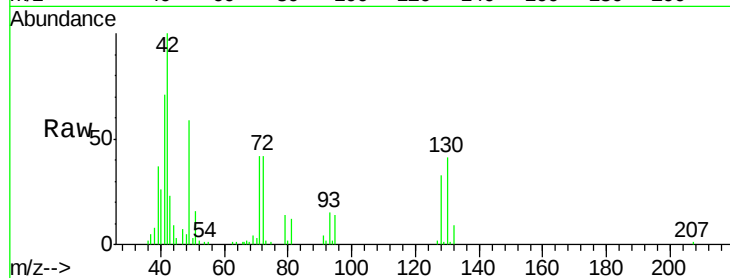
Tgt Ion: 42 Resp: 66552

Ion Ratio Lower Upper

42 100

72 43.7 33.4 50.0

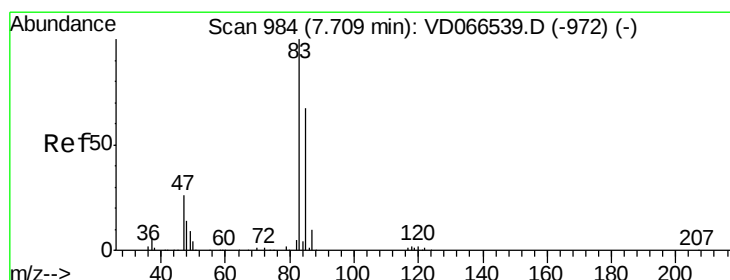
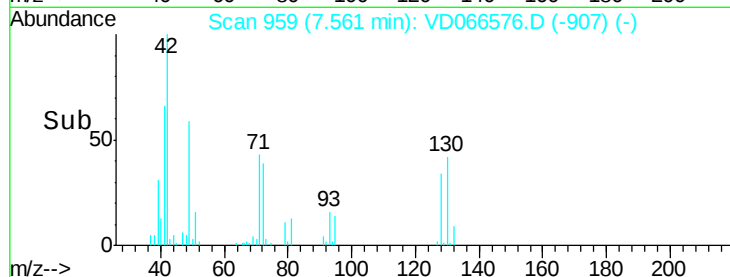
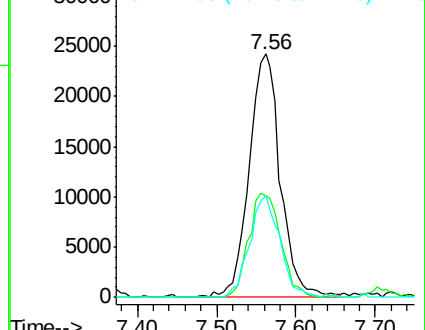
71 40.3 31.9 47.9



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: 19.110 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.01 min

Lab File: VD066576.D

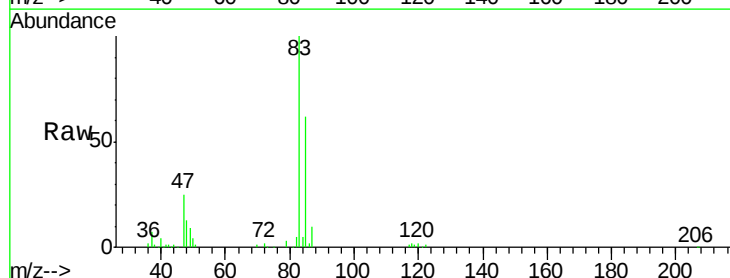
Acq: 09 Sep 2020 12:02

Tgt Ion: 83 Resp: 168783

Ion Ratio Lower Upper

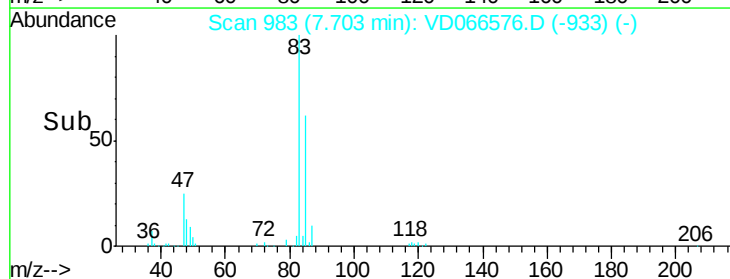
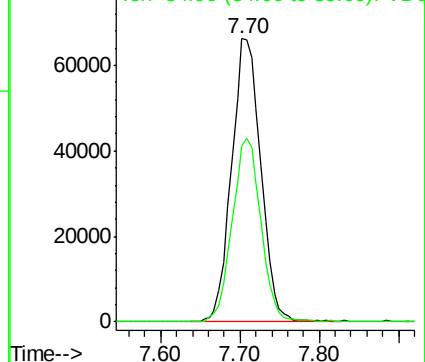
83 100

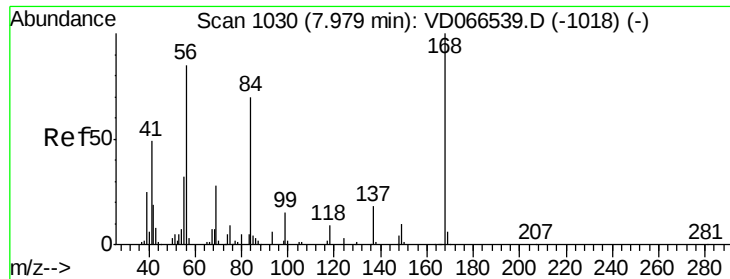
85 62.1 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

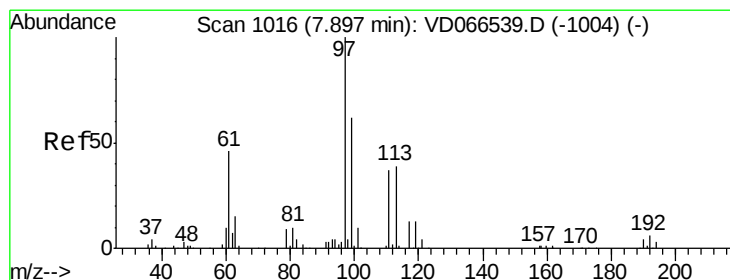
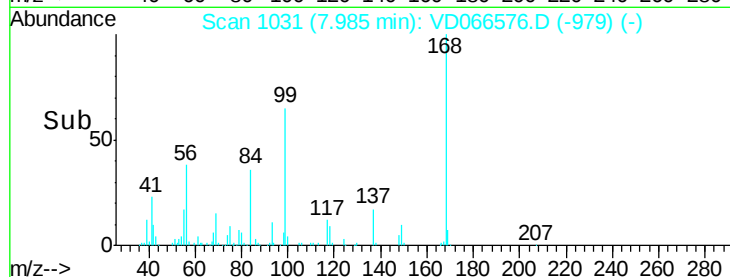
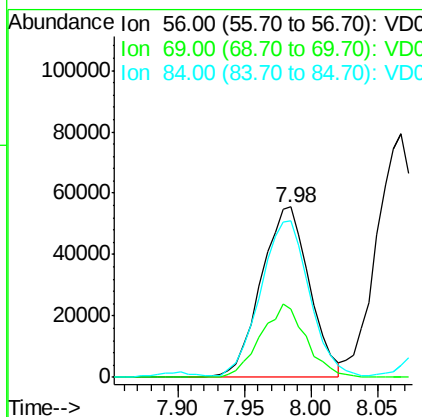
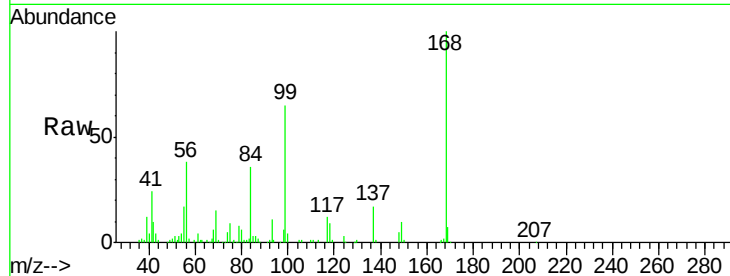




#31
Cyclohexane
Concen: 18.075 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

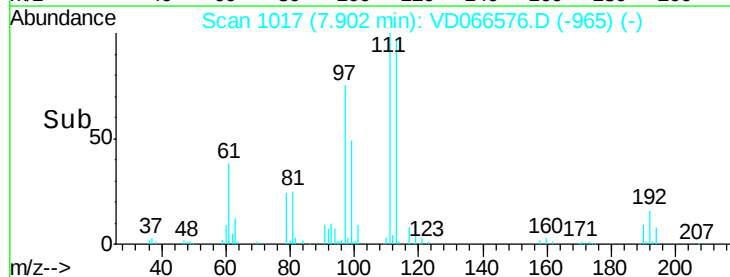
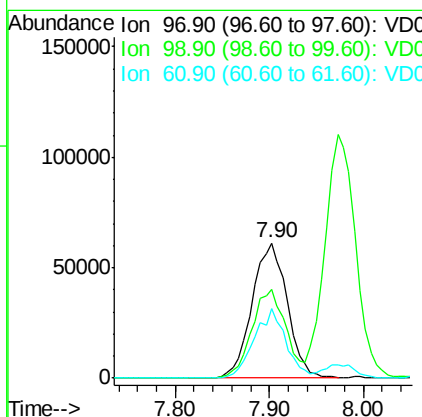
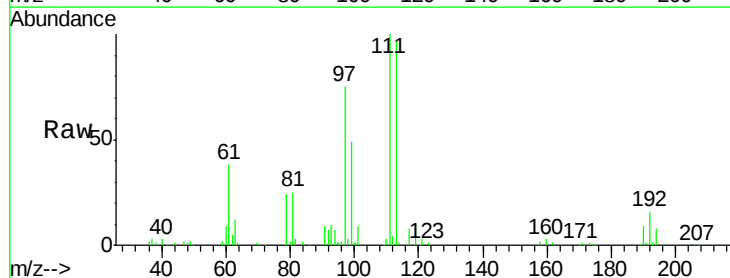
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

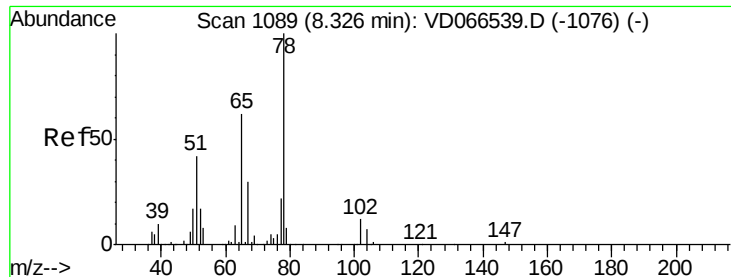
Tgt Ion: 56 Resp: 139485
Ion Ratio Lower Upper
56 100
69 39.6 26.3 39.5#
84 90.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 19.050 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 97 Resp: 158186
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.3 37.4 56.0

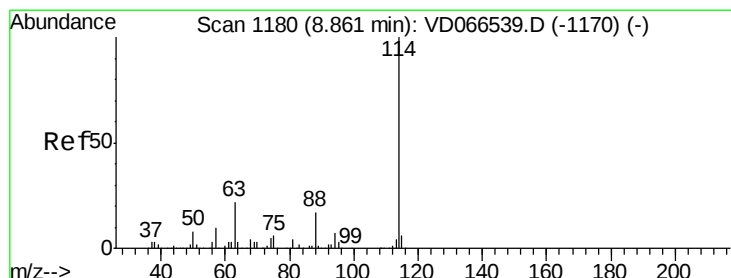
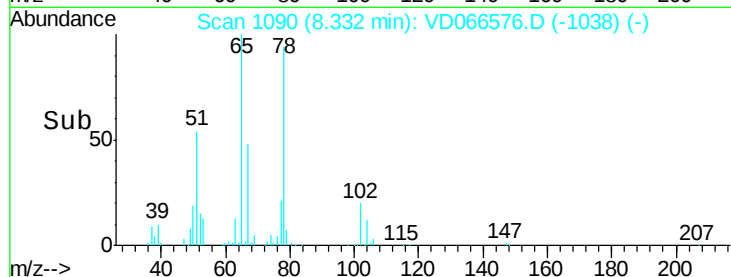
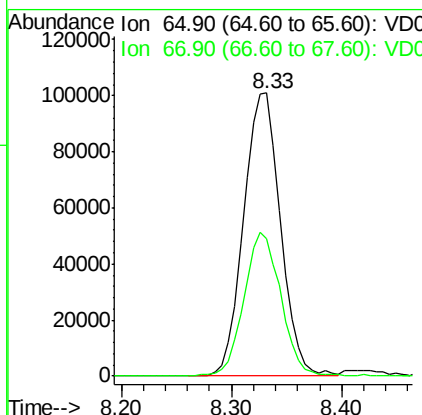
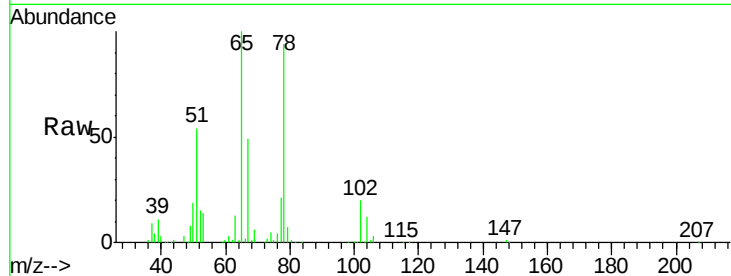




#33
 1,2-Dichloroethane-d4
 Concen: 50.080 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

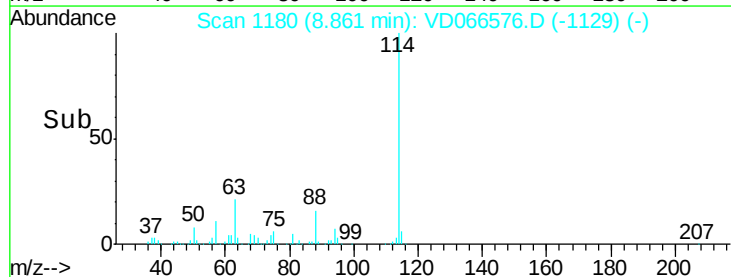
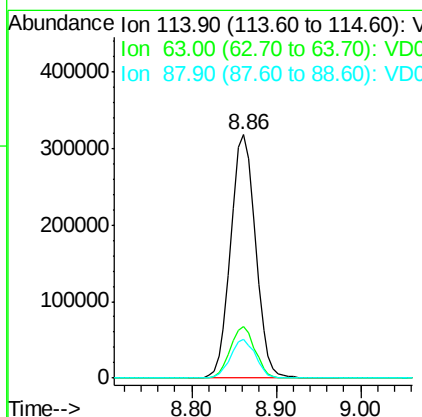
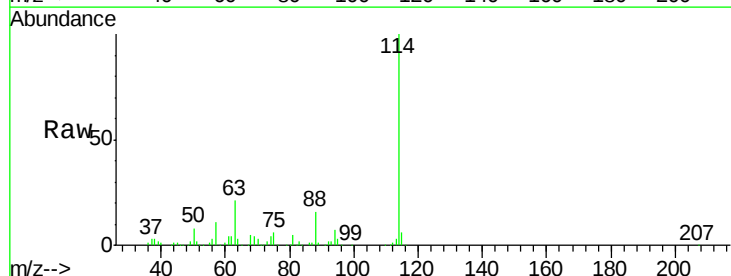
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

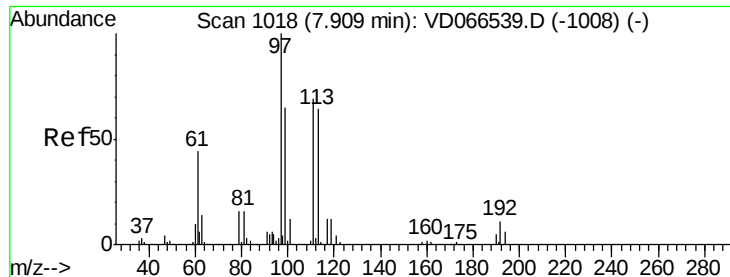
Tgt Ion: 65 Resp: 236895
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 114 Resp: 642785
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.305 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

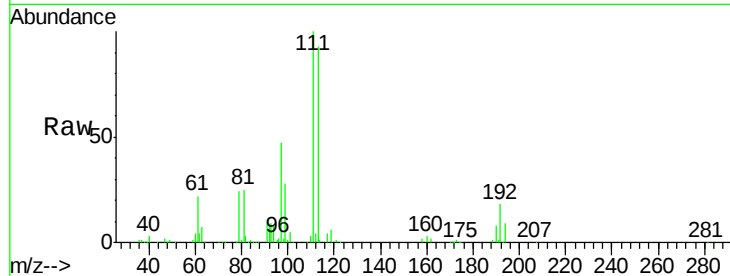
Tgt Ion:113 Resp: 222475

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

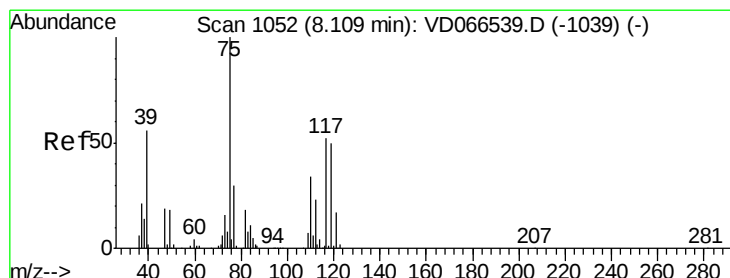
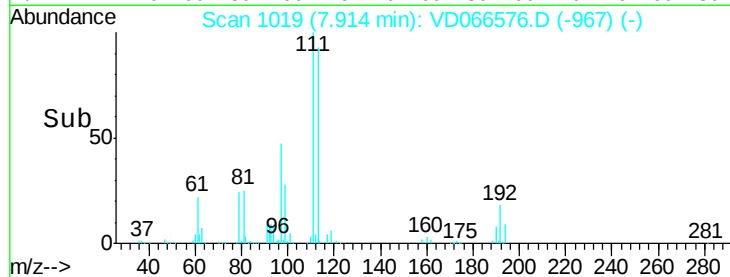
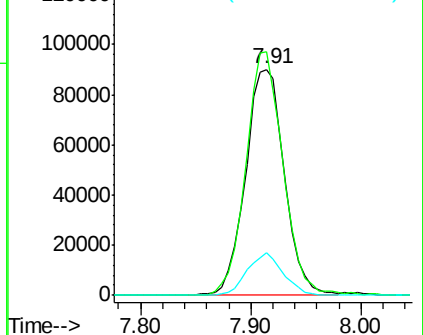
192 17.5 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.602 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

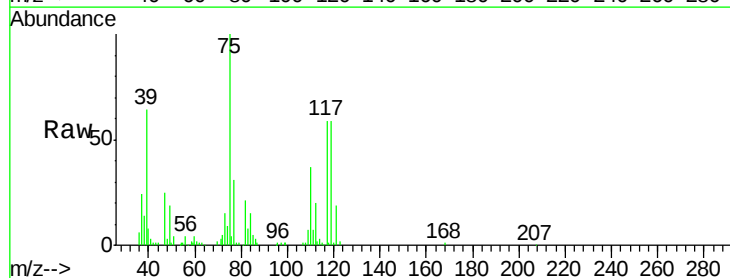
Tgt Ion: 75 Resp: 131123

Ion Ratio Lower Upper

75 100

110 33.8 17.3 52.0

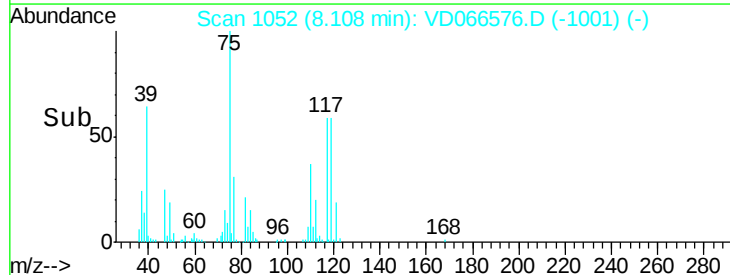
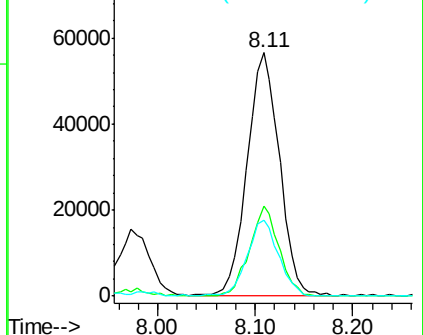
77 30.5 25.1 37.7

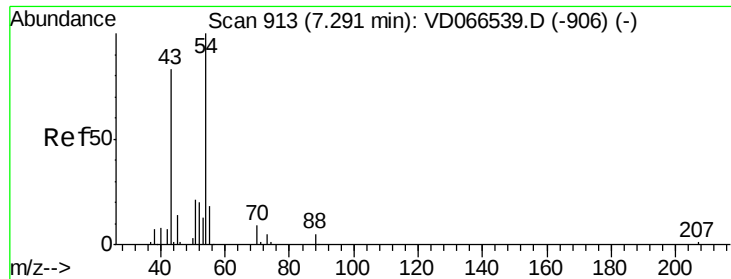


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

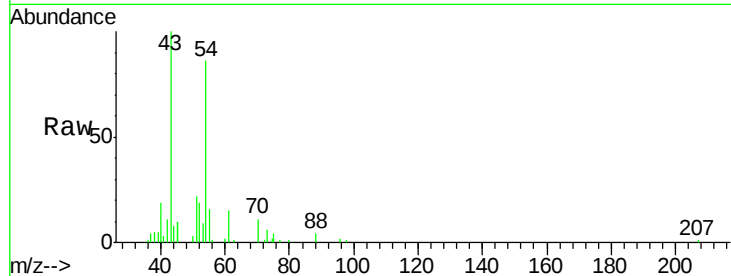




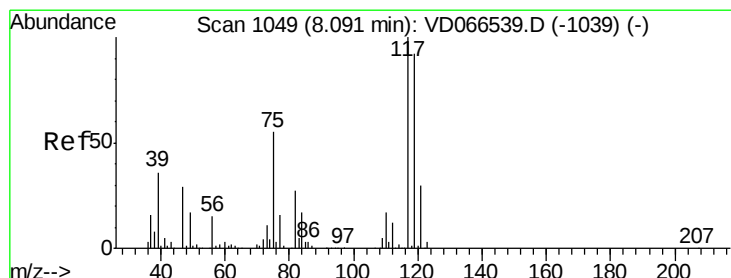
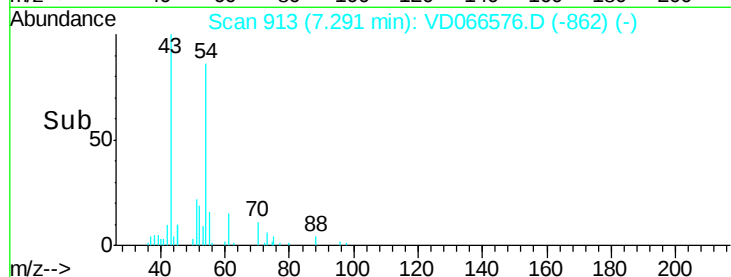
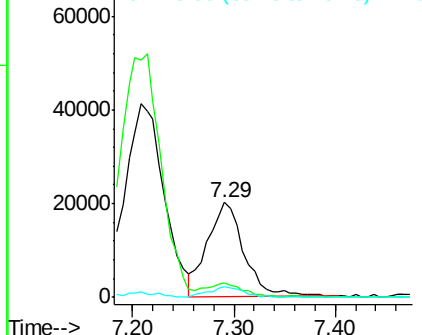
#37
 Ethyl Acetate
 Concen: 18.977 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tgt Ion: 43 Resp: 50549
 Ion Ratio Lower Upper
 43 100
 61 15.4 11.8 17.8
 70 10.3 7.9 11.9

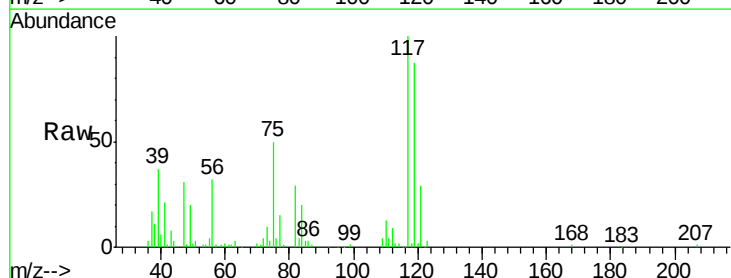


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 70.00 (69.70 to 70.70): VDC

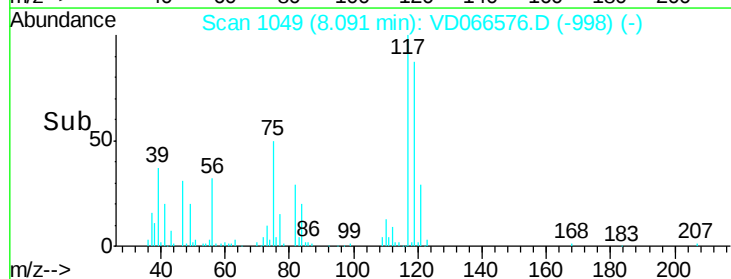
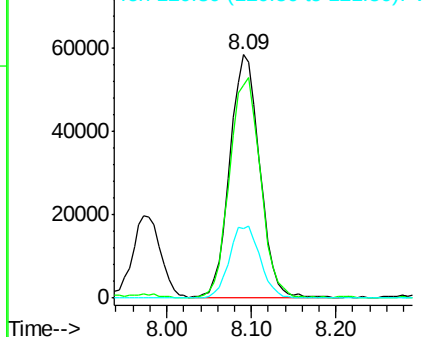


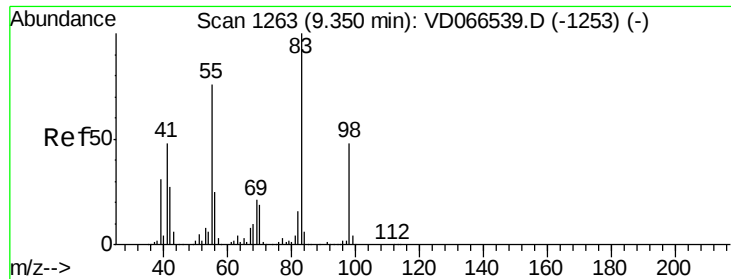
#38
 Carbon Tetrachloride
 Concen: 20.288 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 117 Resp: 143452
 Ion Ratio Lower Upper
 117 100
 119 87.2 73.9 110.9
 121 28.7 24.1 36.1



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

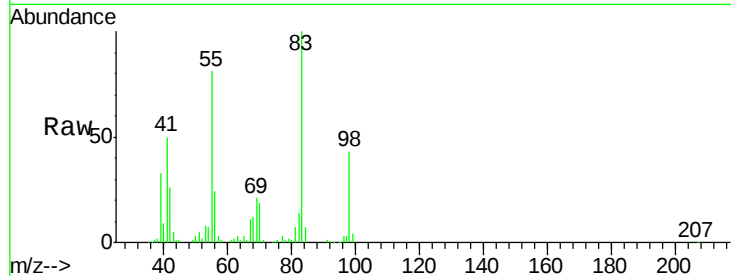




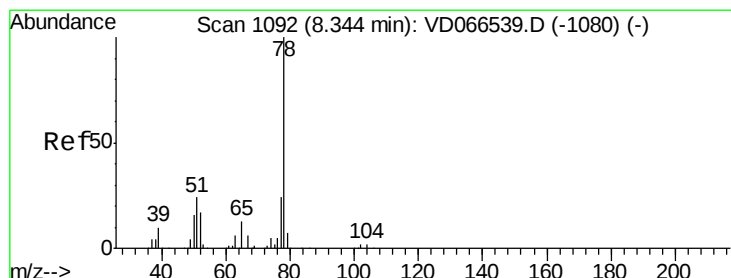
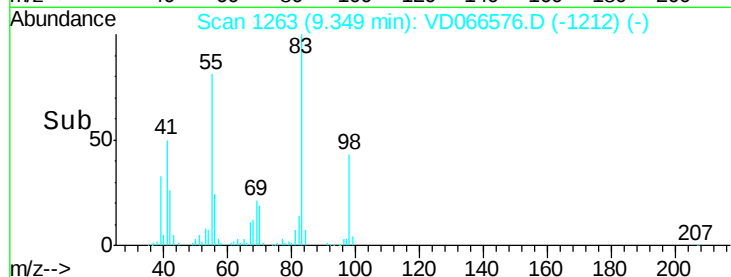
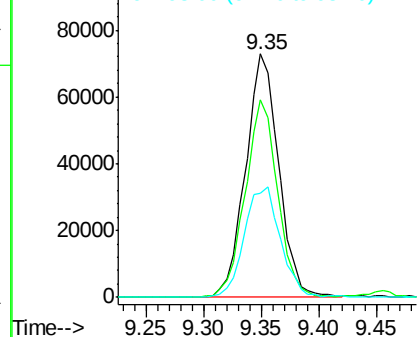
#39
Methylcyclohexane
Concen: 19.544 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tgt Ion: 83 Resp: 145992
Ion Ratio Lower Upper
83 100
55 81.0 60.8 91.2
98 42.7 38.6 58.0

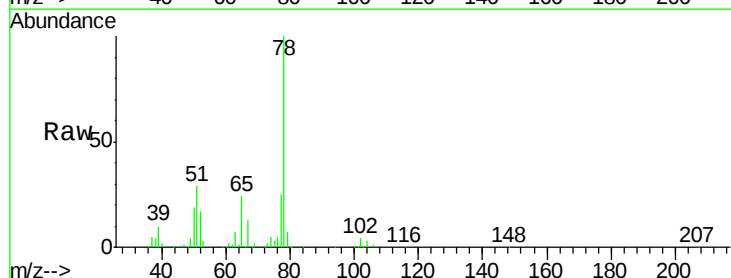


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

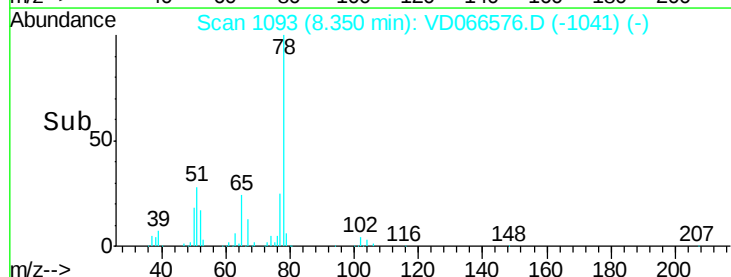
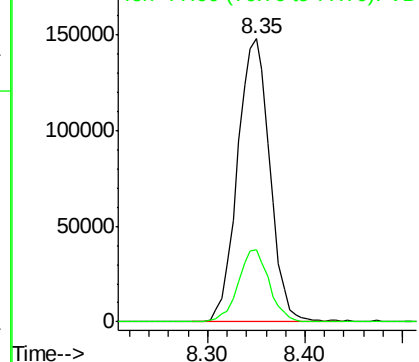


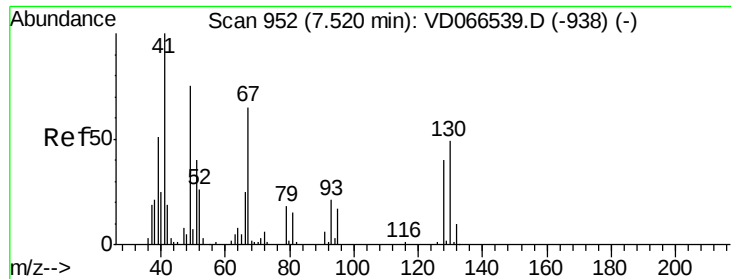
#40
Benzene
Concen: 18.636 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 78 Resp: 341435
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7



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

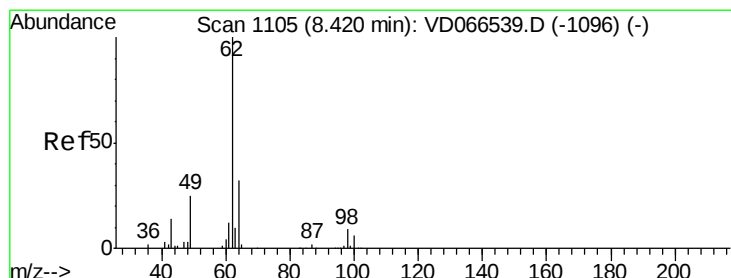
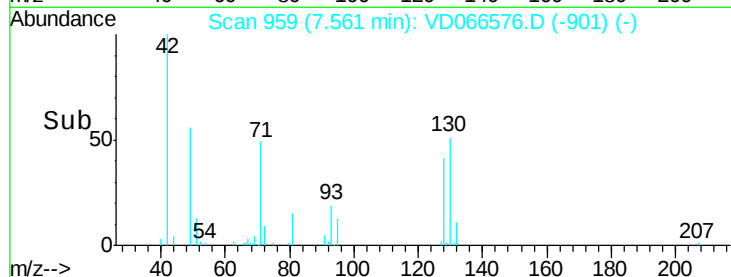
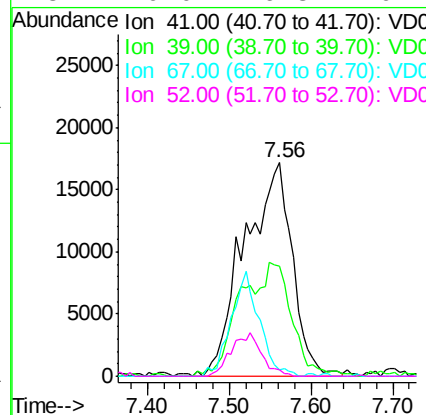
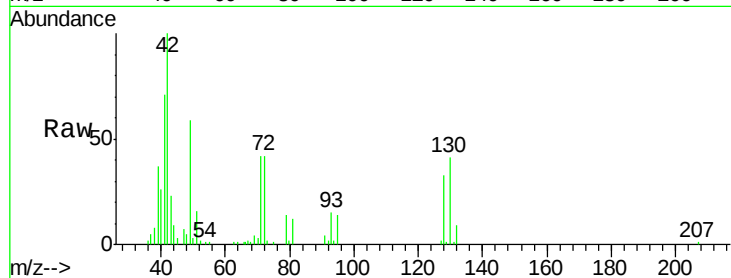




#41
Methacrylonitrile
Concen: 54.075 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

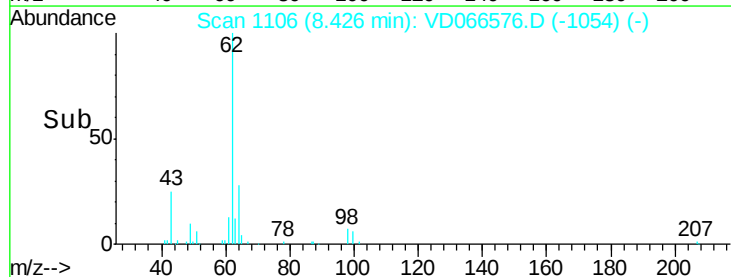
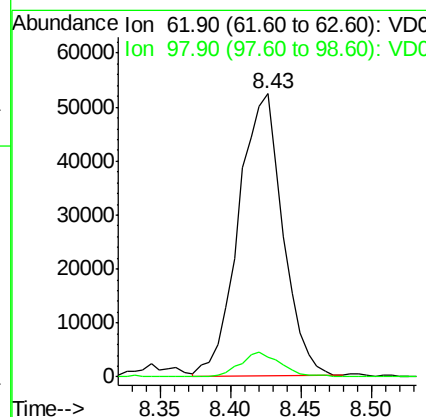
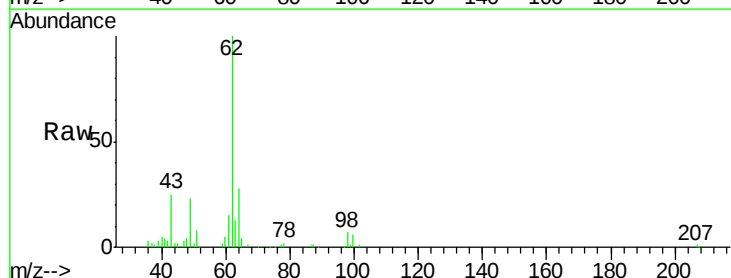
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

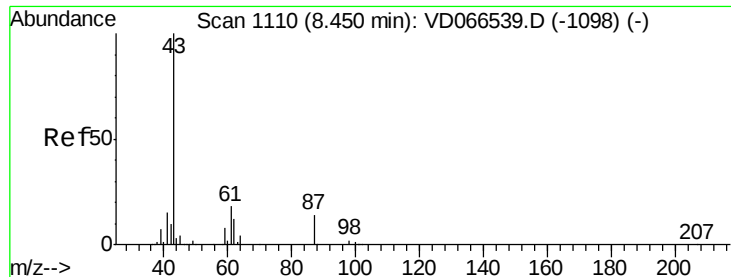
Tgt Ion: 41 Resp: 69724
Ion Ratio Lower Upper
41 100
39 30.8 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 19.200 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 62 Resp: 113971
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.060 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

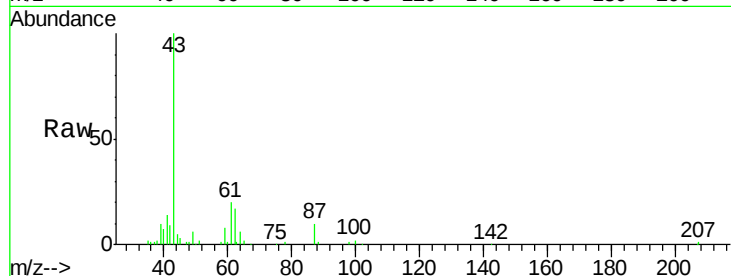
Tgt Ion: 43 Resp: 97295

Ion Ratio Lower Upper

43 100

61 30.3 23.8 35.8

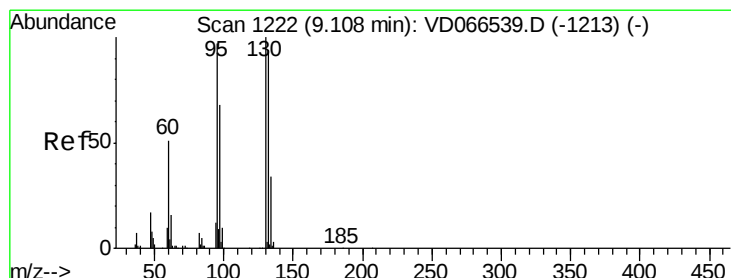
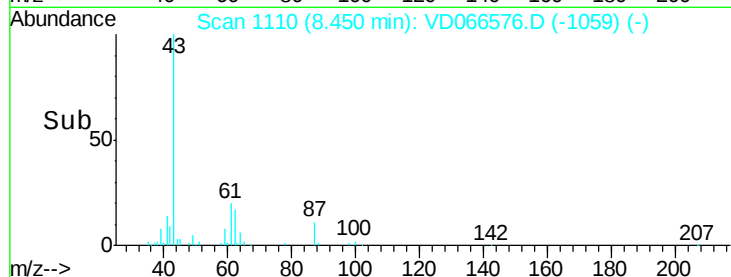
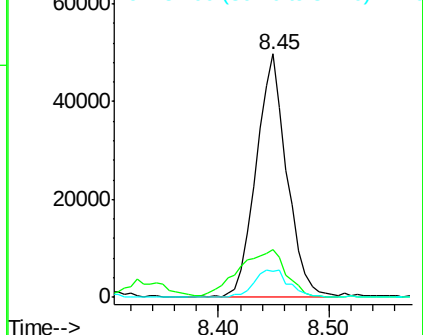
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.001 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066576.D

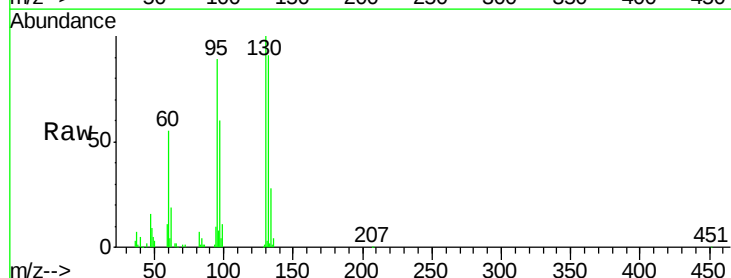
Acq: 09 Sep 2020 12:02

Tgt Ion: 130 Resp: 96119

Ion Ratio Lower Upper

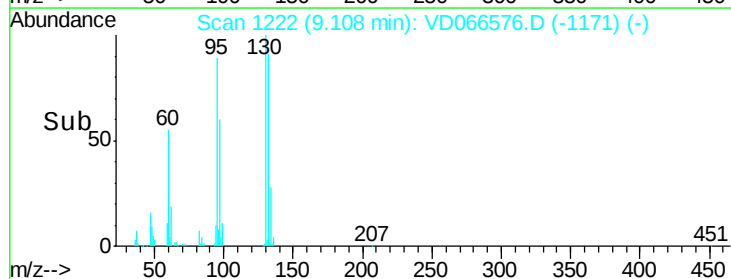
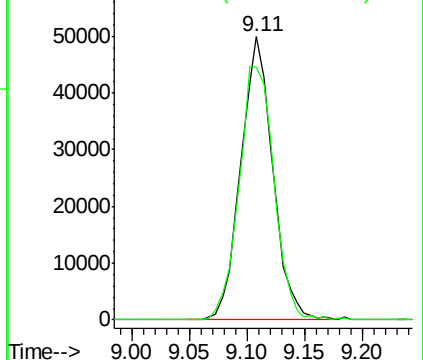
130 100

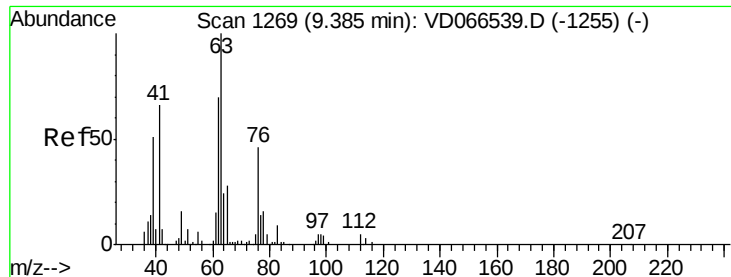
95 89.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.465 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

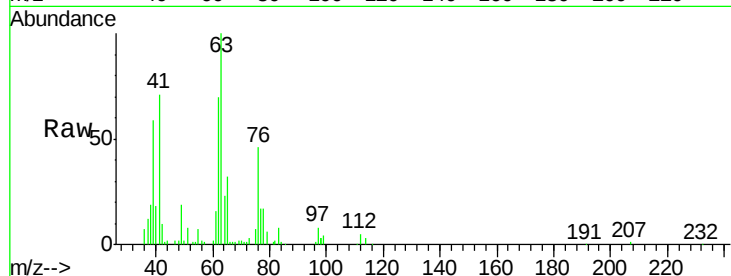
VD0909SBS01

Tgt Ion: 63 Resp: 85073

Ion Ratio Lower Upper

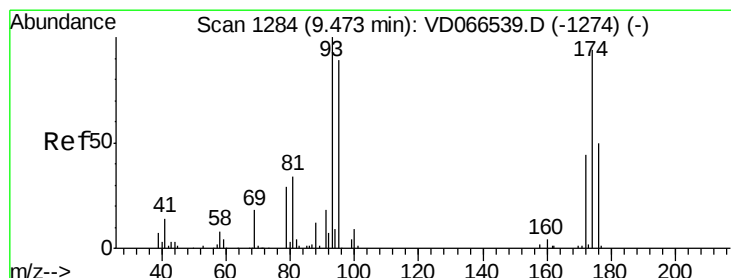
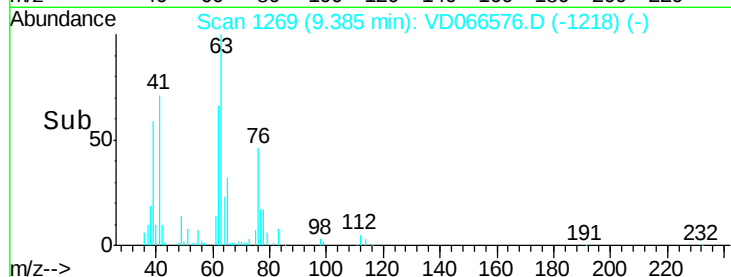
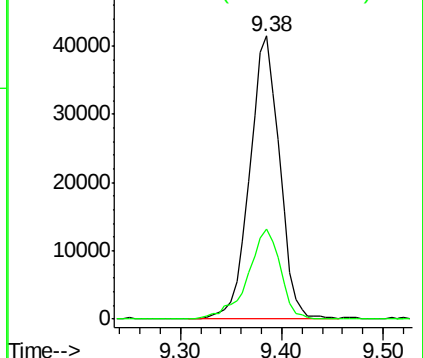
63 100

65 31.6 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.443 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

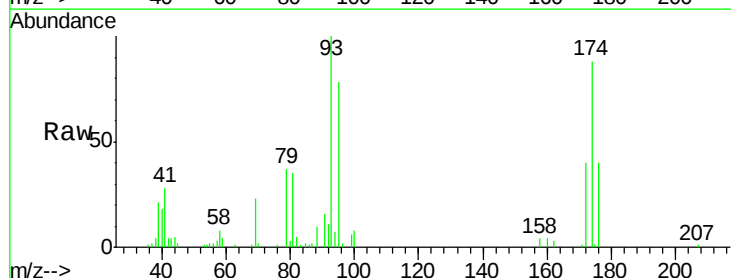
Tgt Ion: 93 Resp: 49423

Ion Ratio Lower Upper

93 100

95 80.5 68.7 103.1

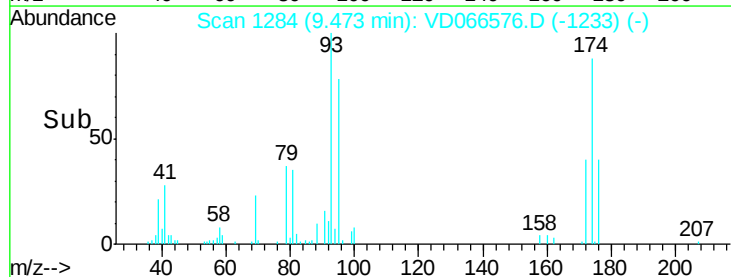
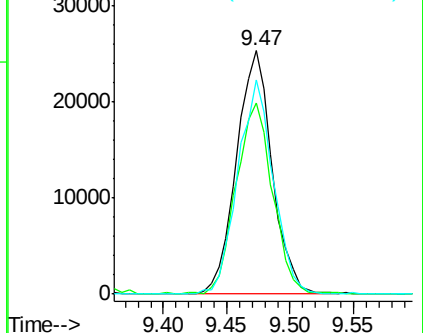
174 87.5 70.0 105.0

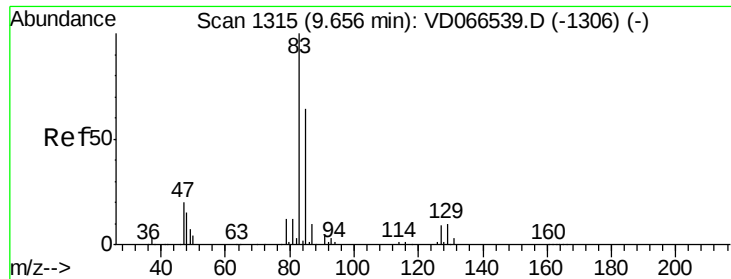


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 18.764 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

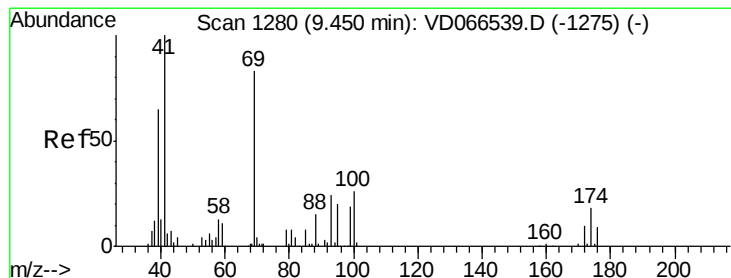
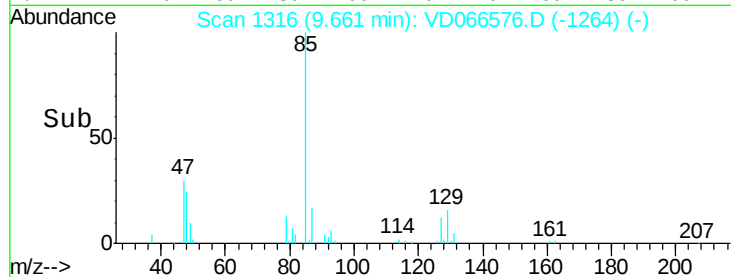
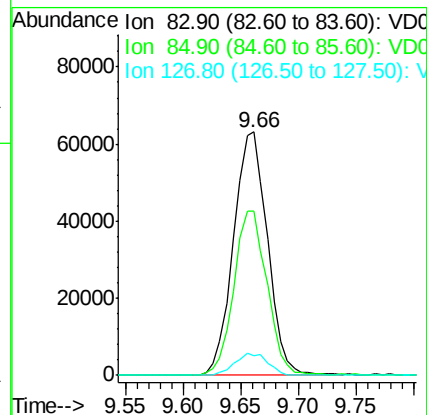
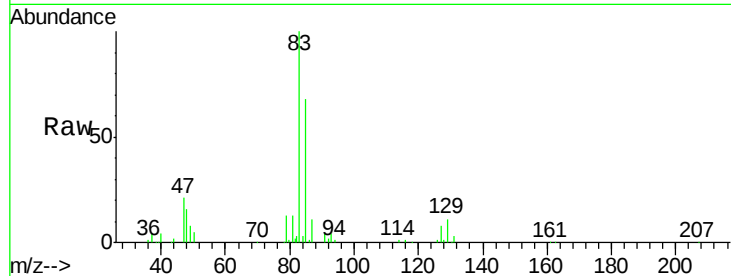
Tgt Ion: 83 Resp: 129043

Ion Ratio Lower Upper

83 100

85 67.7 51.1 76.7

127 8.2 6.9 10.3



#48

Methyl methacrylate

Concen: 17.446 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

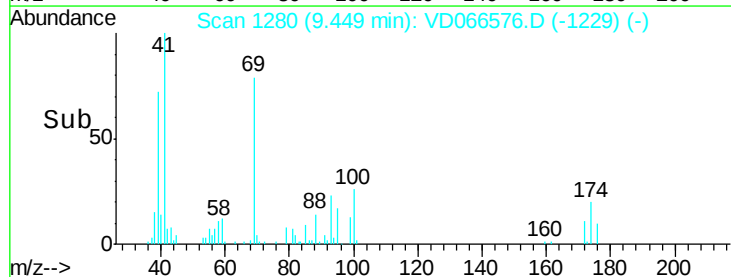
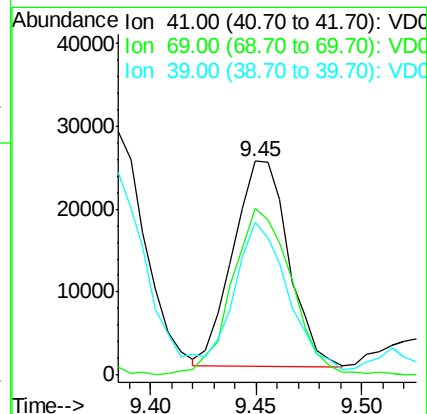
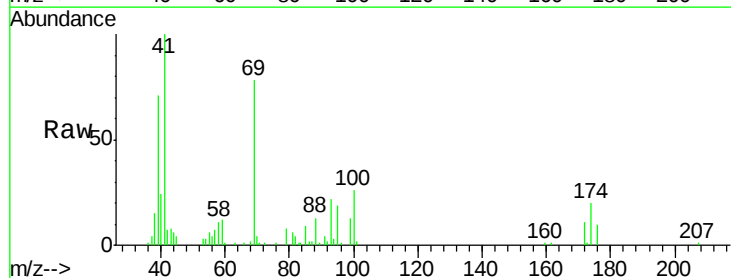
Tgt Ion: 41 Resp: 45031

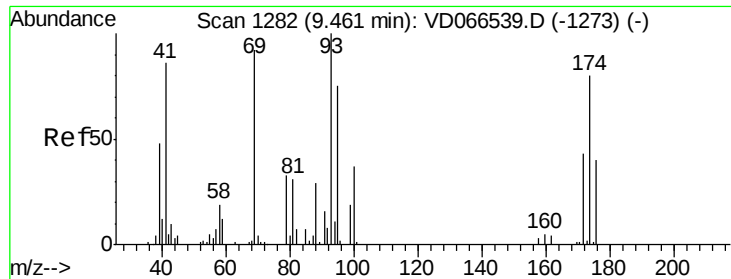
Ion Ratio Lower Upper

41 100

69 87.1 64.5 96.7

39 67.5 46.6 69.8





#49

1,4-Dioxane

Concen: 372.862 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

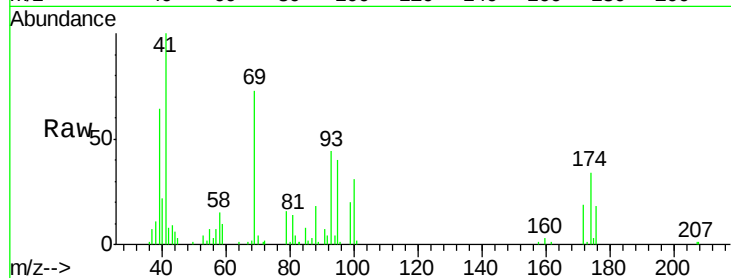
Tgt Ion: 88 Resp: 10398

Ion Ratio Lower Upper

88 100

43 37.8 28.3 42.5

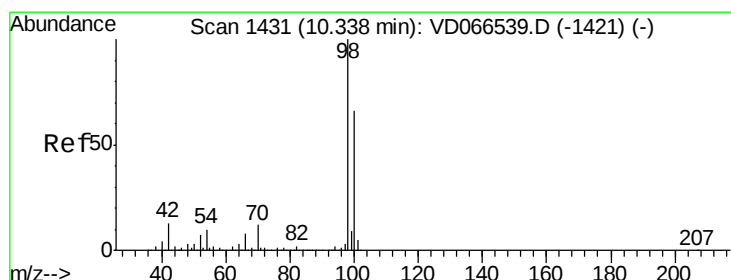
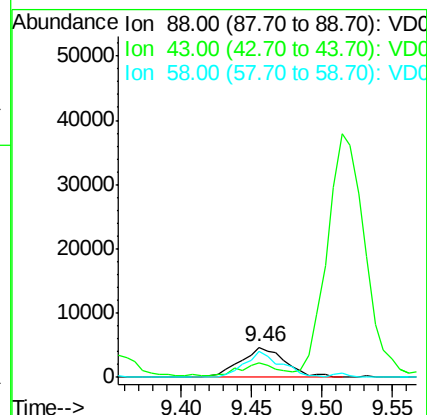
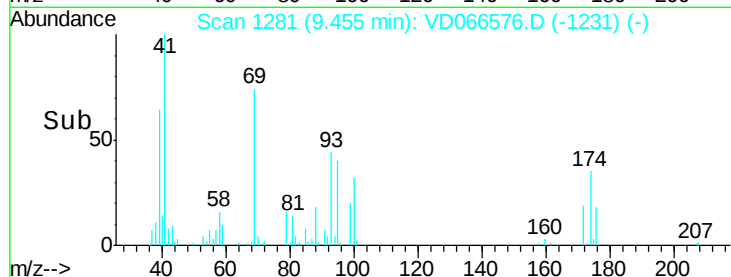
58 70.0 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.858 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066576.D

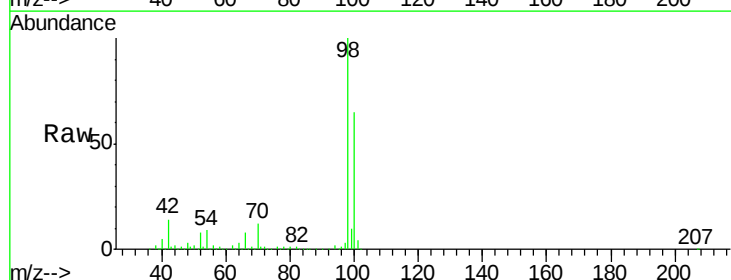
Acq: 09 Sep 2020 12:02

Tgt Ion: 98 Resp: 819224

Ion Ratio Lower Upper

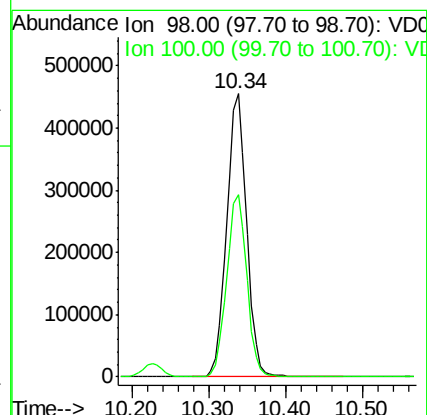
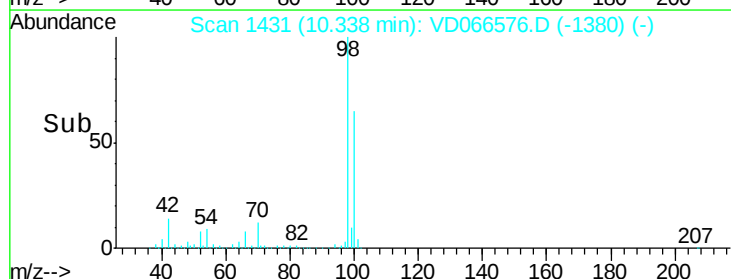
98 100

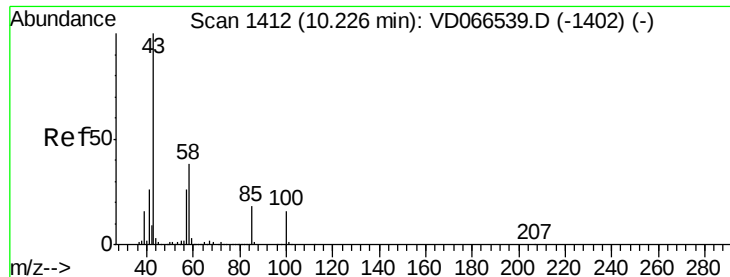
100 65.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

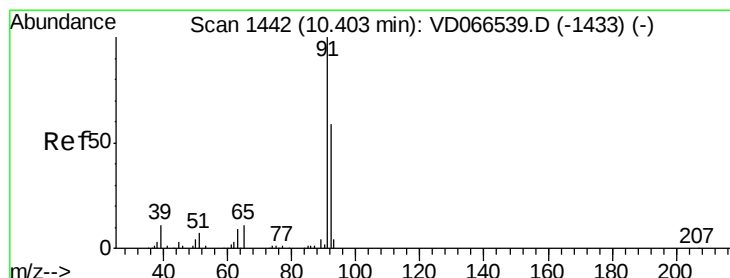
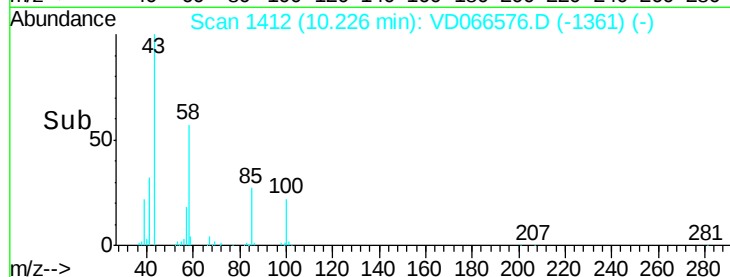
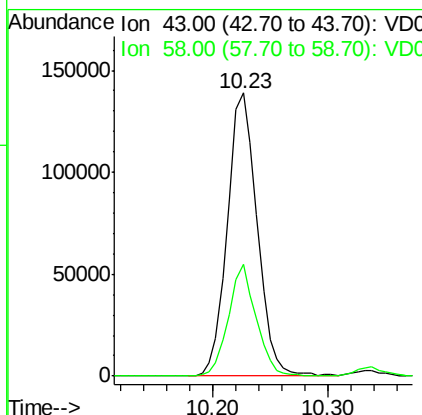
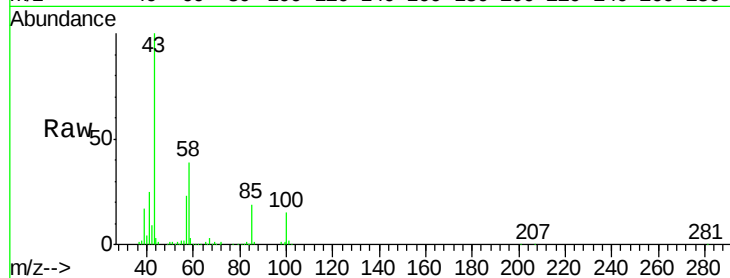




#51
 4-Methyl-2-Pentanone
 Concen: 96.928 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

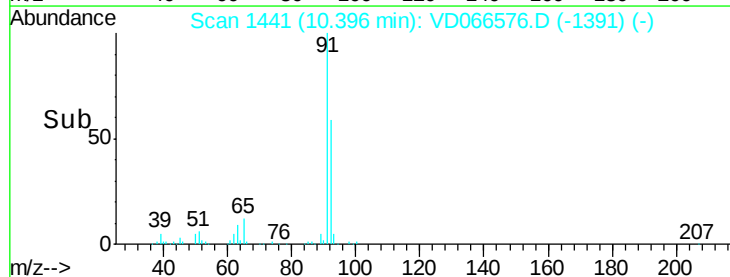
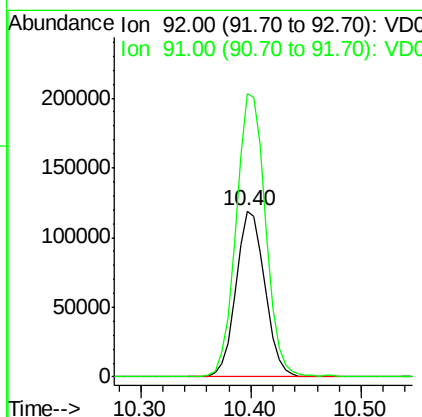
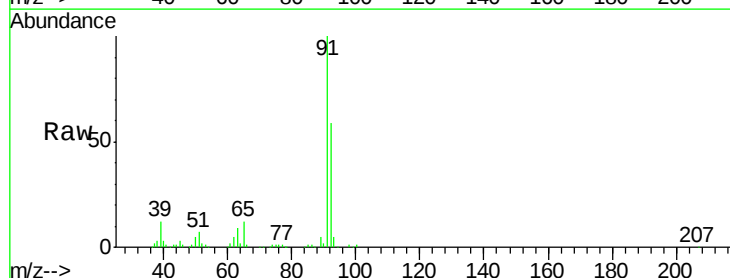
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

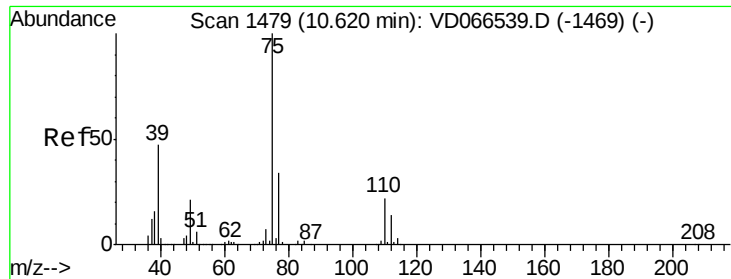
Tgt Ion: 43 Resp: 249535
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.5 45.7



#52
 Toluene
 Concen: 18.968 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 92 Resp: 219977
 Ion Ratio Lower Upper
 92 100
 91 173.4 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 19.439 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

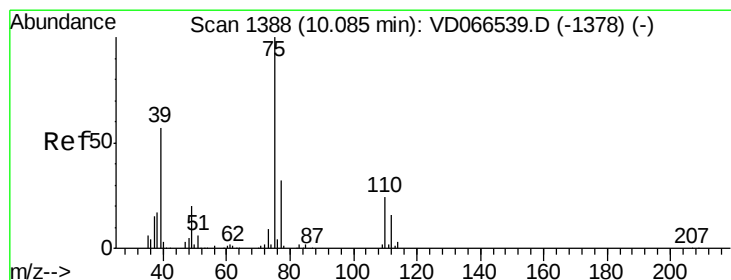
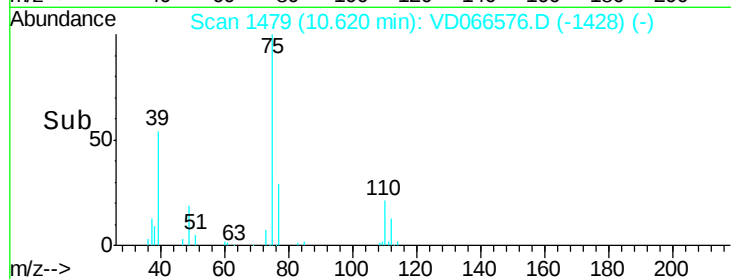
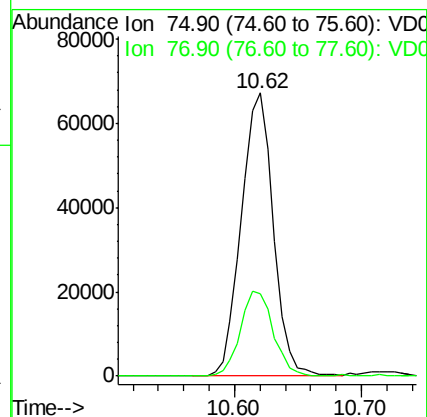
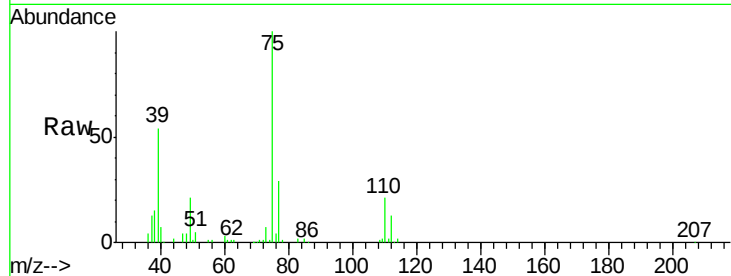
VD0909SBS01

Tgt Ion: 75 Resp: 118015

Ion Ratio Lower Upper

75 100

77 29.0 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 19.268 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

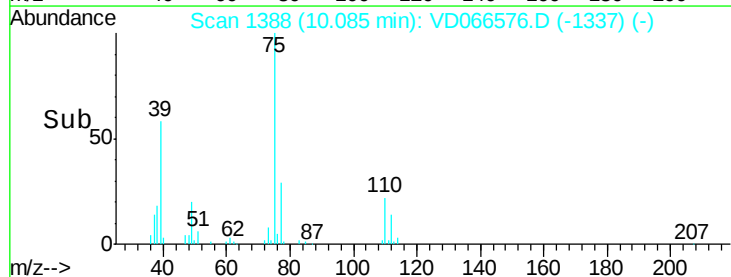
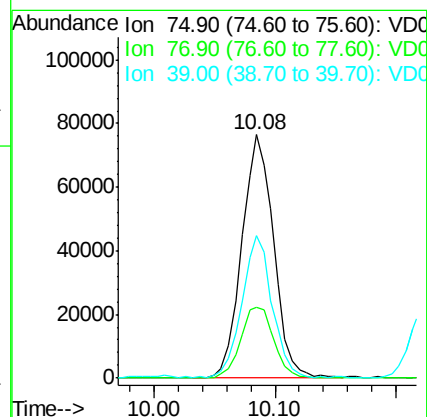
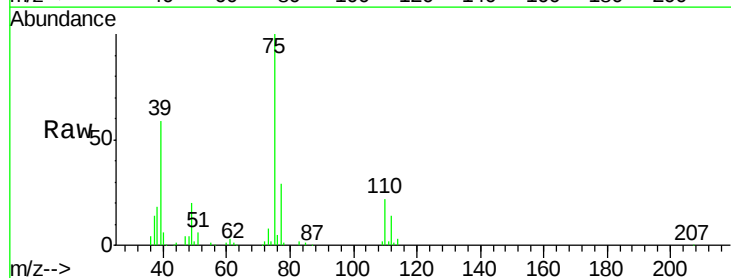
Tgt Ion: 75 Resp: 140473

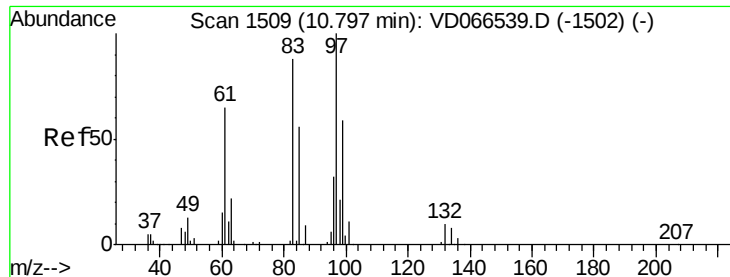
Ion Ratio Lower Upper

75 100

77 29.3 25.4 38.0

39 58.5 45.4 68.0

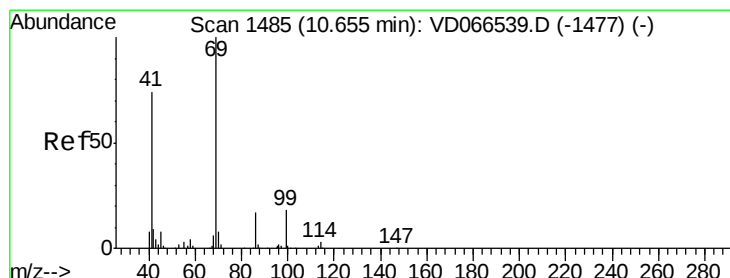
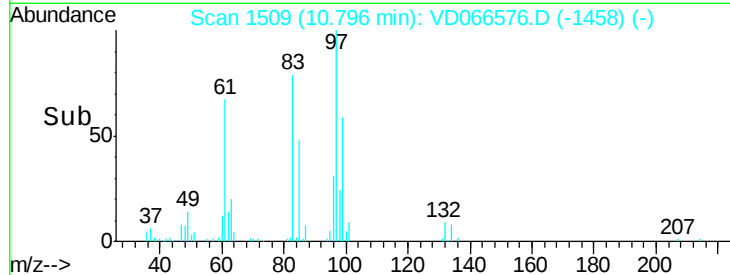
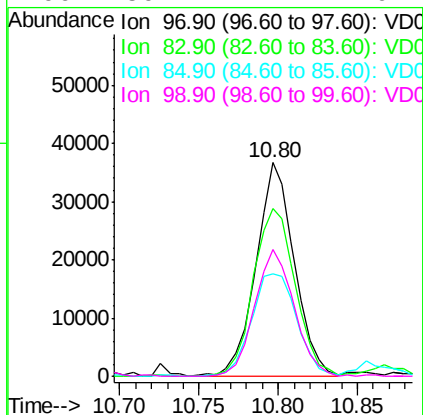
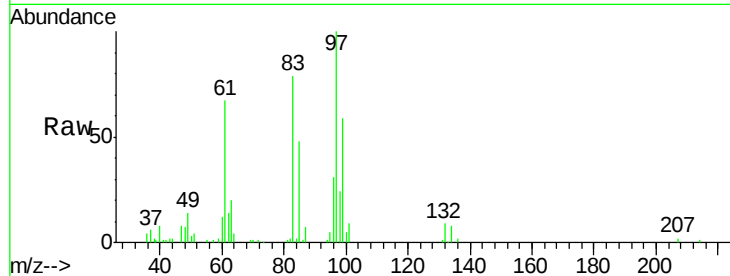




#55
 1,1,2-Trichloroethane
 Concen: 18.944 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

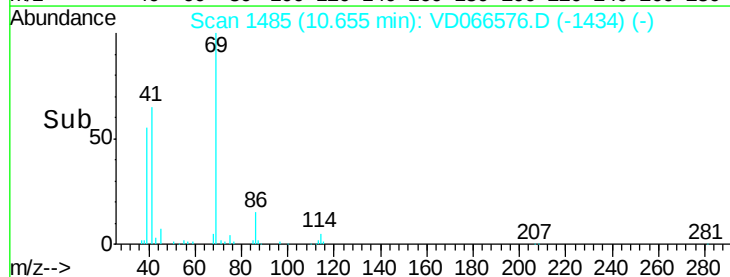
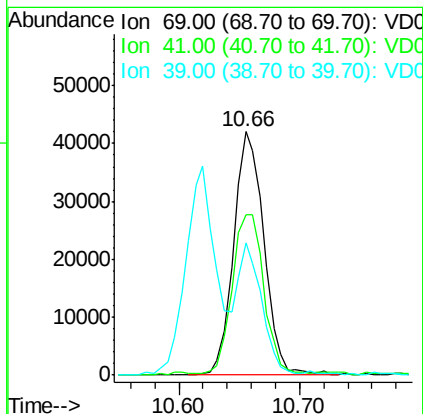
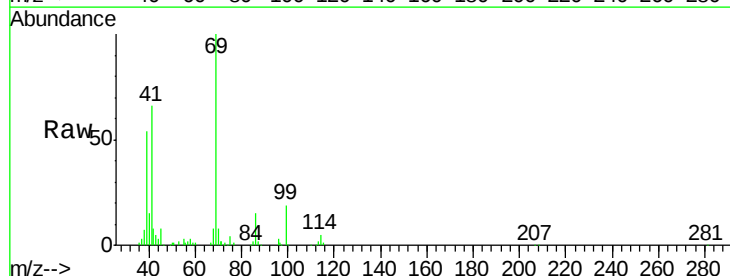
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

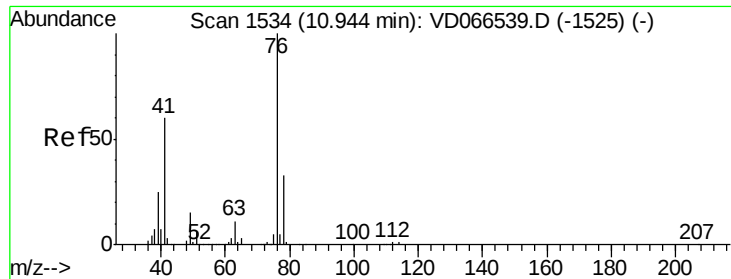
Tgt Ion: 97 Resp: 61916
 Ion Ratio Lower Upper
 97 100
 83 78.7 70.1 105.1
 85 47.8 44.5 66.7
 99 59.1 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 19.351 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 69 Resp: 73640
 Ion Ratio Lower Upper
 69 100
 41 68.2 56.8 85.2
 39 41.1 30.6 46.0

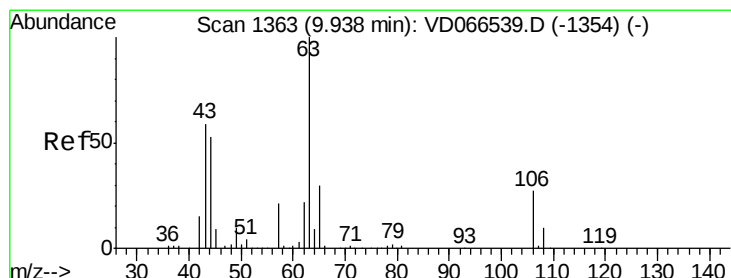
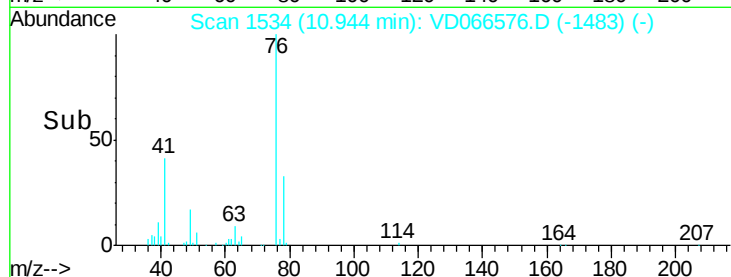
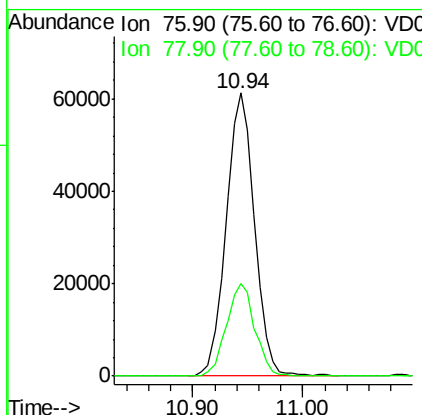
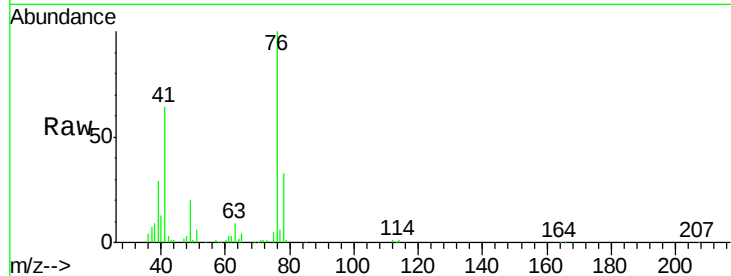




#57
 1,3-Dichloropropane
 Concen: 19.233 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

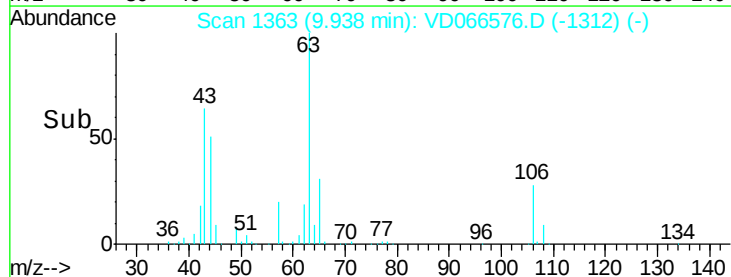
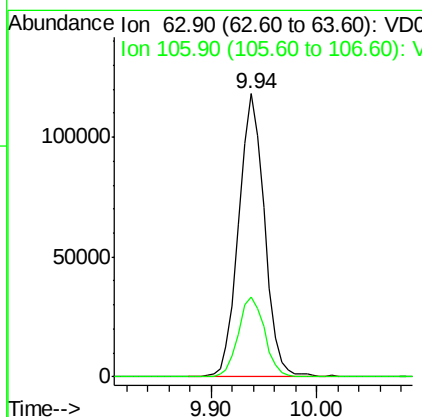
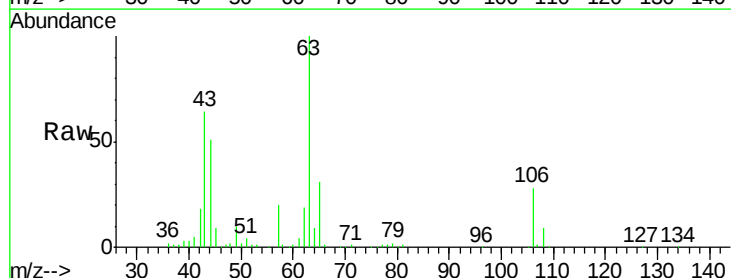
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

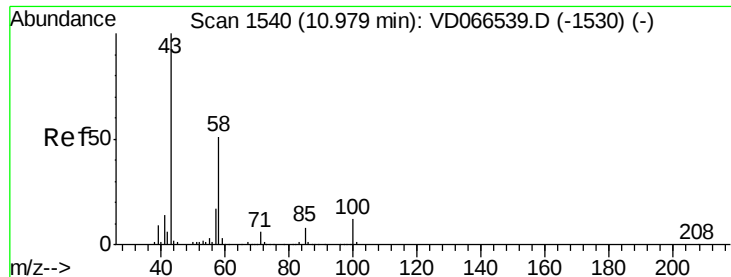
Tgt Ion: 76 Resp: 110105
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.619 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 63 Resp: 199503
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.0 33.0

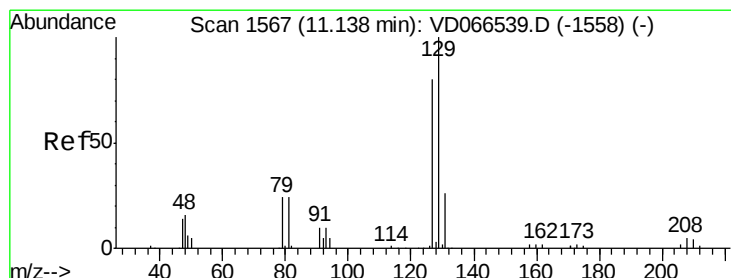
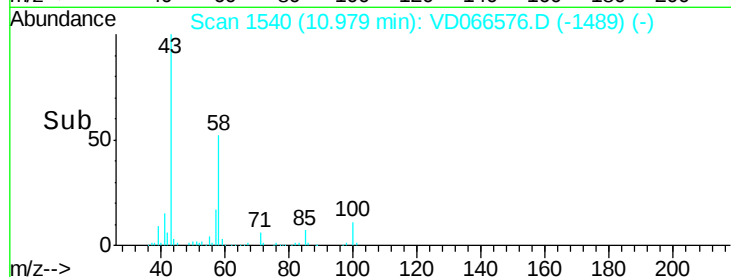
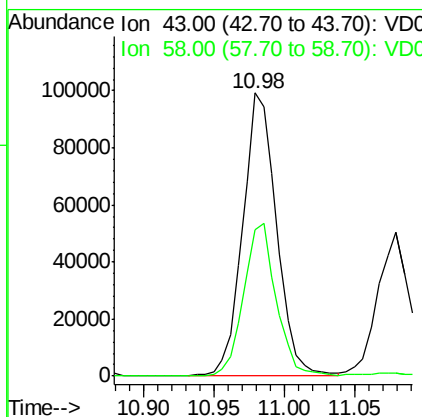
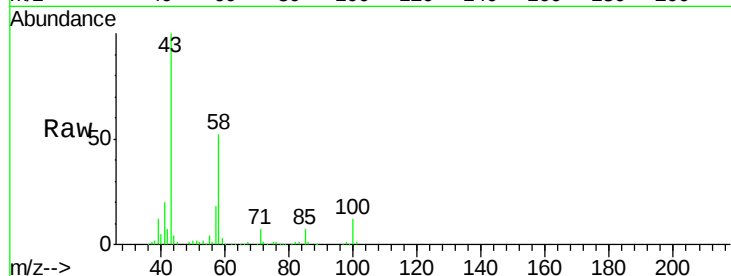




#59
2-Hexanone
Concen: 96.580 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

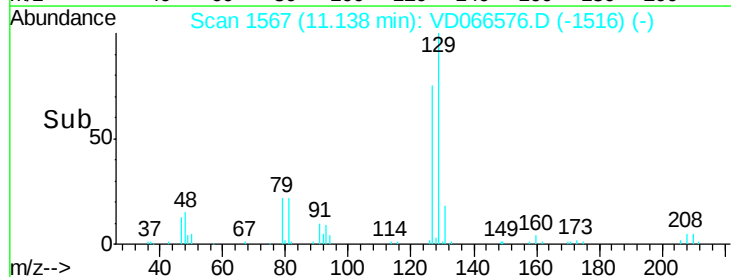
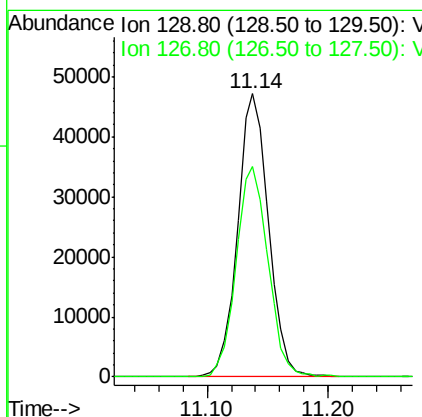
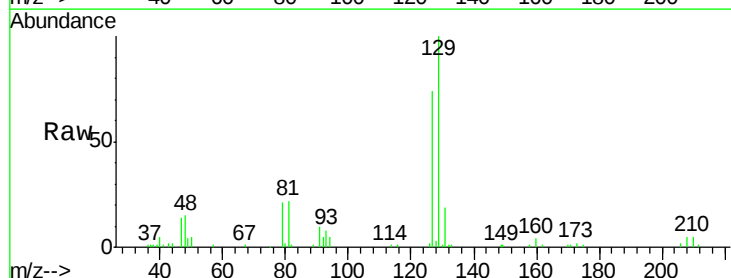
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

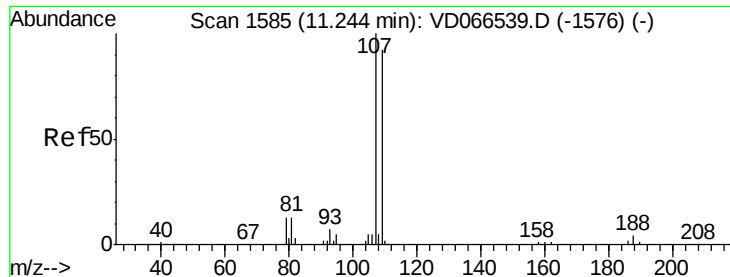
Tgt Ion: 43 Resp: 167205
Ion Ratio Lower Upper
43 100
58 51.9 25.6 76.8



#60
Dibromochloromethane
Concen: 19.449 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 129 Resp: 84057
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3

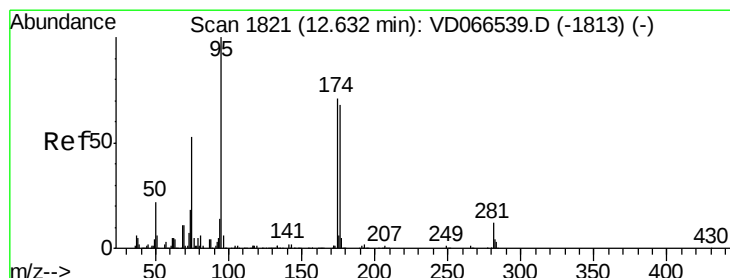
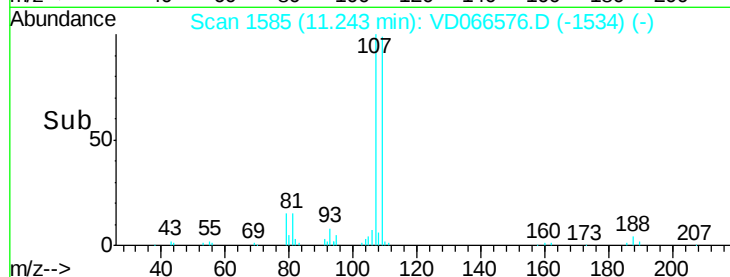
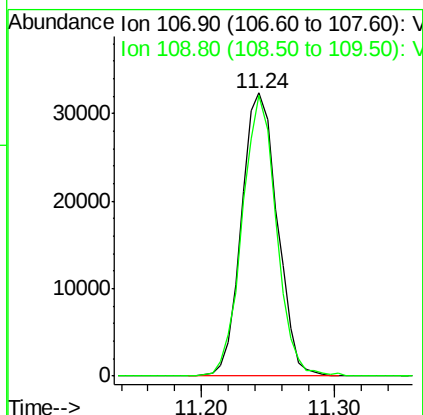
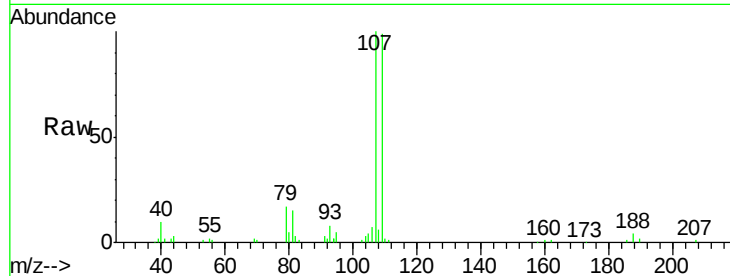




#61
1,2-Dibromoethane
Concen: 18.807 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

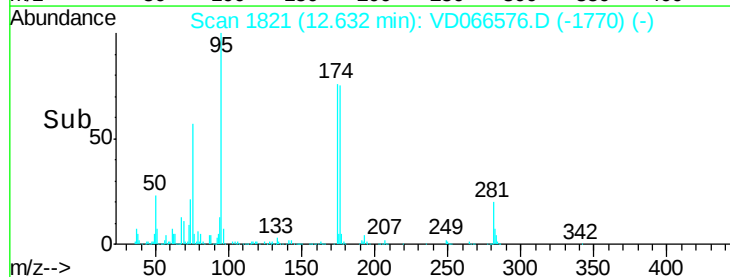
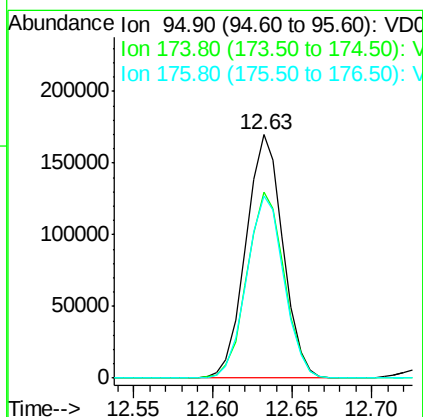
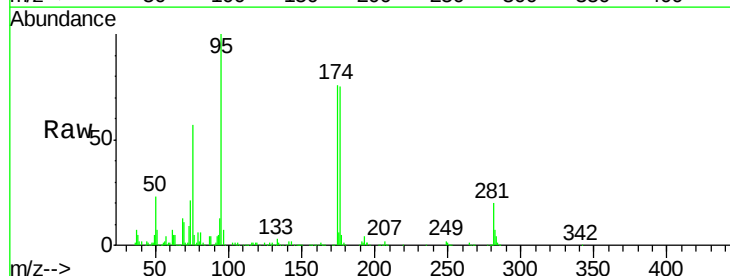
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

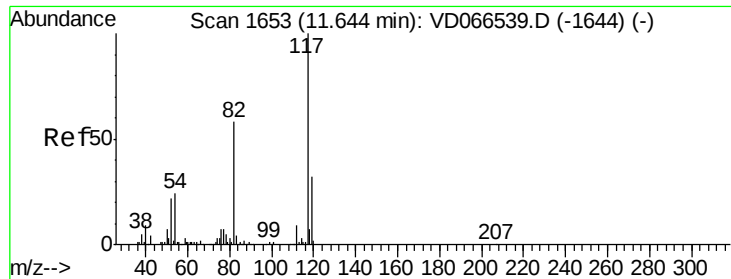
Tgt Ion: 107 Resp: 59799
Ion Ratio Lower Upper
107 100
109 94.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 53.660 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 95 Resp: 275768
Ion Ratio Lower Upper
95 100
174 76.6 0.0 155.8
176 75.5 0.0 148.6

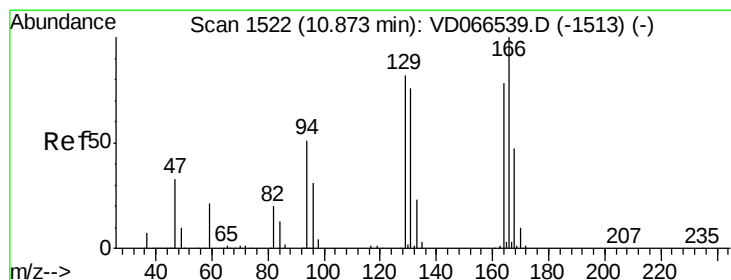
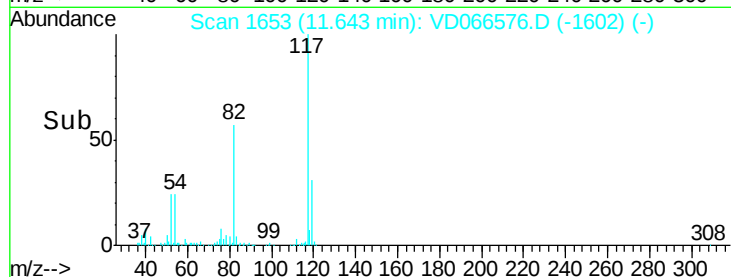
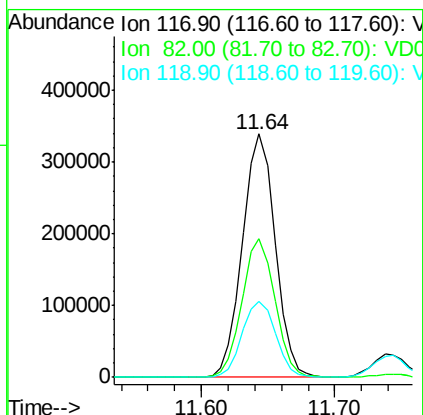
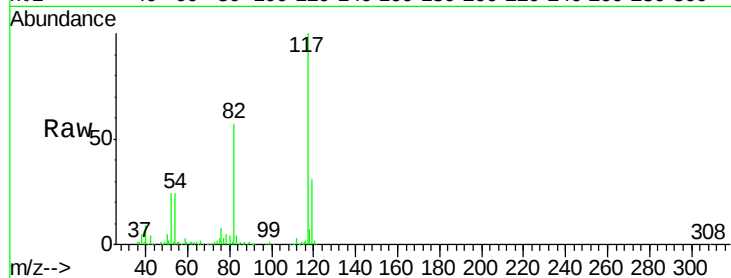




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

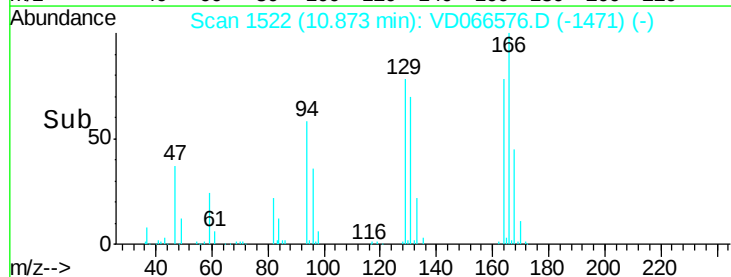
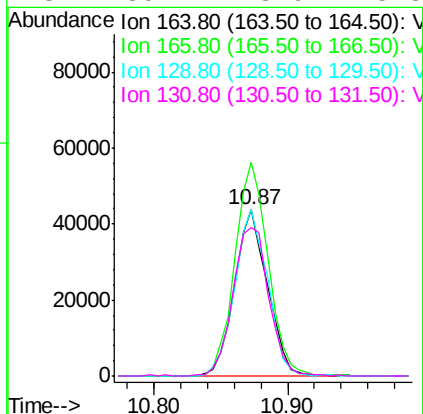
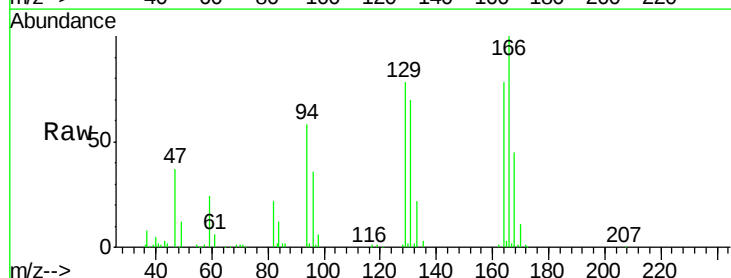
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

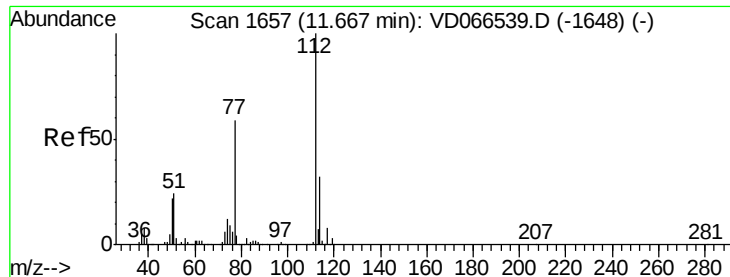
Tgt Ion:117 Resp: 576818
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.2
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 19.265 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion:164 Resp: 74821
Ion Ratio Lower Upper
164 100
166 128.6 103.2 154.8
129 100.2 84.5 126.7
131 89.2 78.9 118.3





#65

Chlorobenzene

Concen: 18.907 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

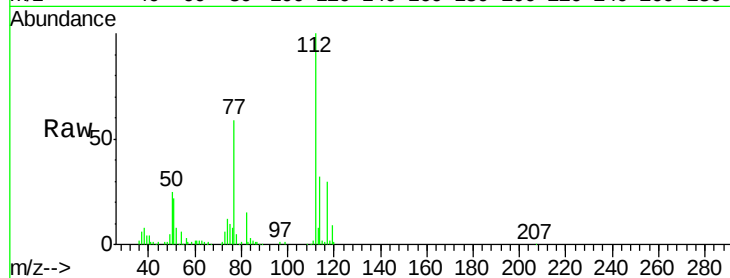
VD0909SBS01

Tgt Ion:112 Resp: 225095

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

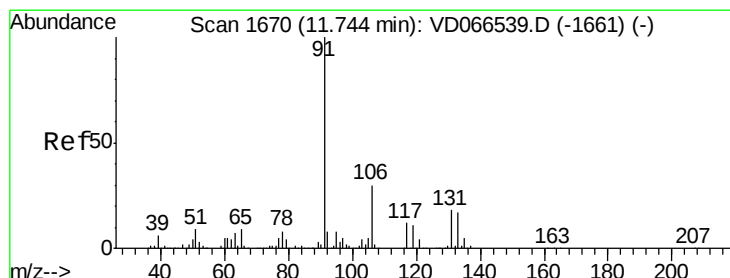
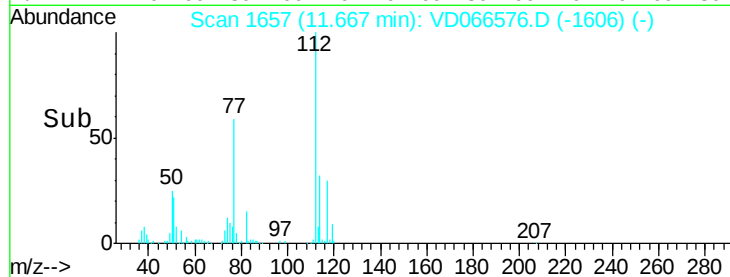
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.741 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

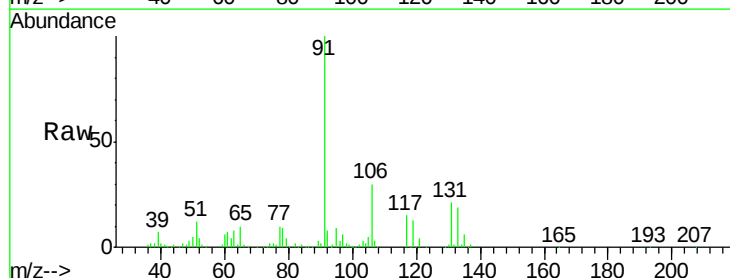
Tgt Ion:131 Resp: 85152

Ion Ratio Lower Upper

131 100

133 95.9 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

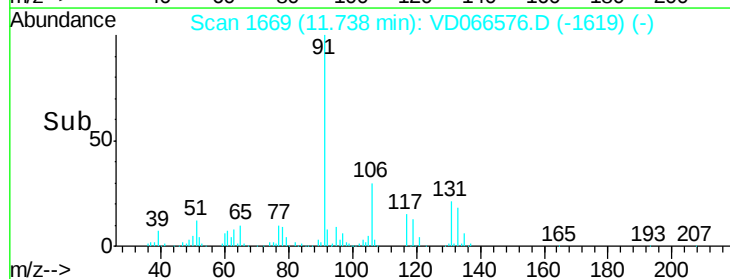
11.74

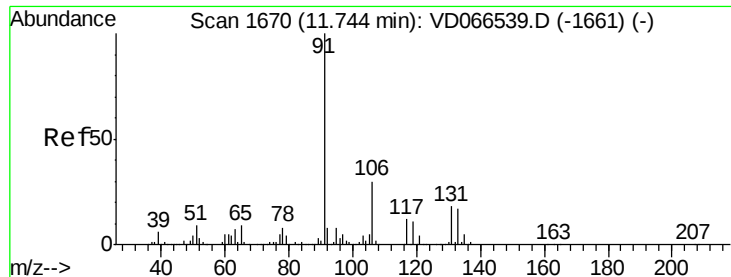
100000

50000

0

Time-->

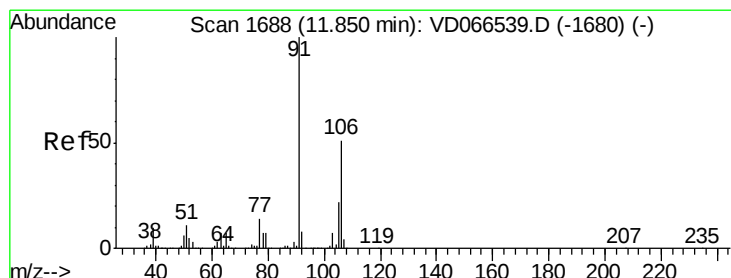
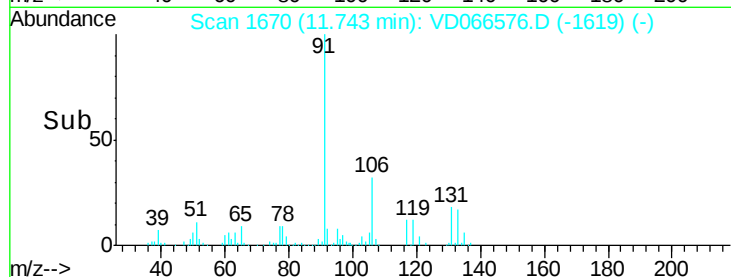
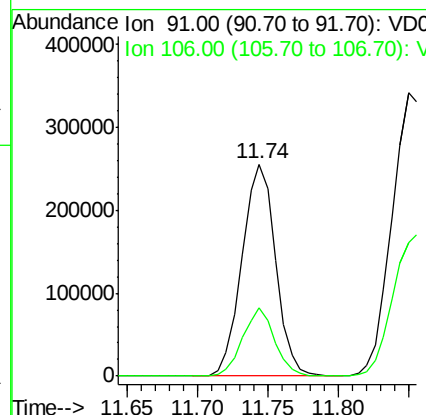
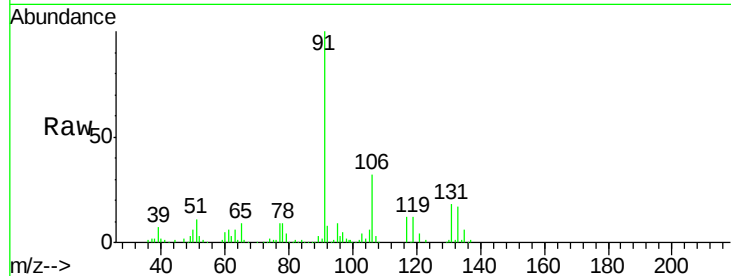




#67
Ethyl Benzene
Concen: 19.483 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

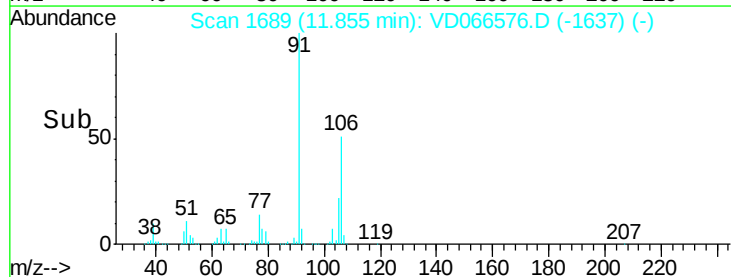
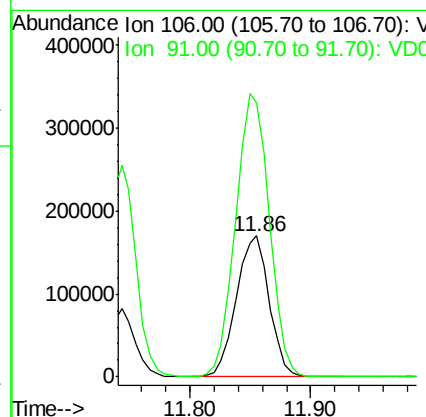
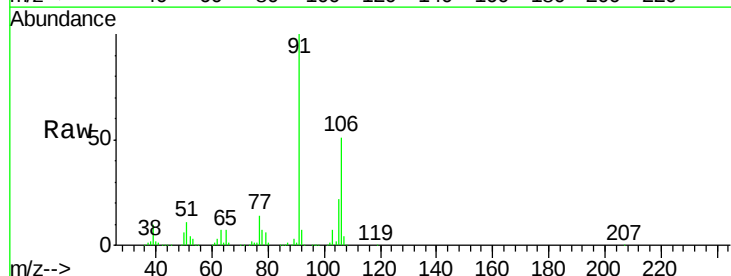
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

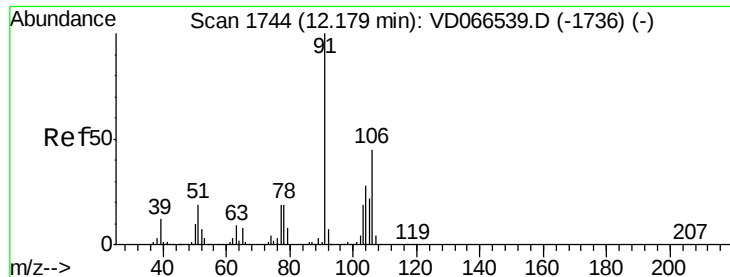
Tgt Ion: 91 Resp: 425901
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5



#68
m/p-Xylenes
Concen: 39.729 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 106 Resp: 322470
Ion Ratio Lower Upper
106 100
91 205.9 162.4 243.6

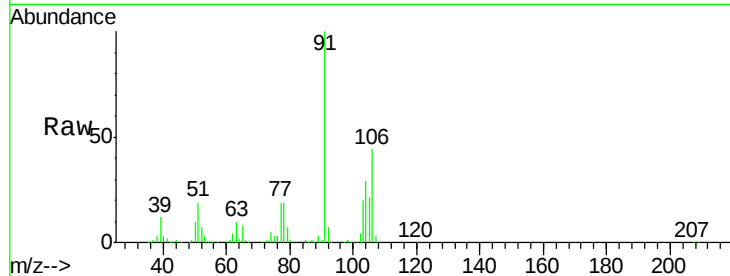




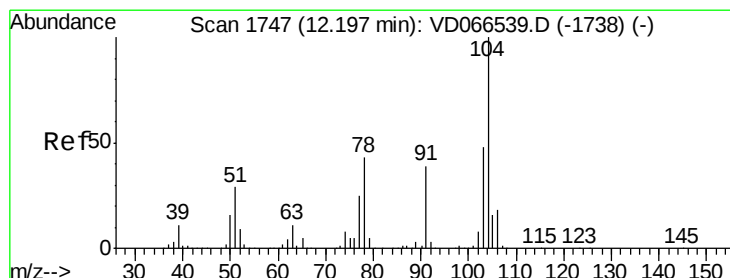
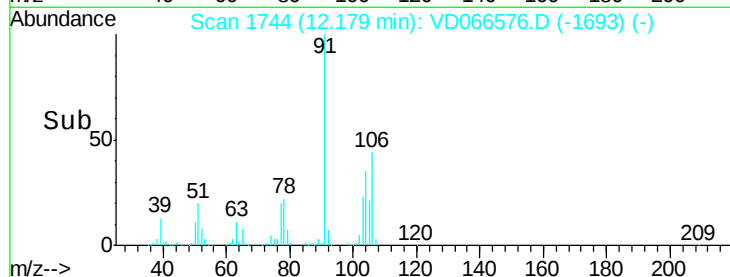
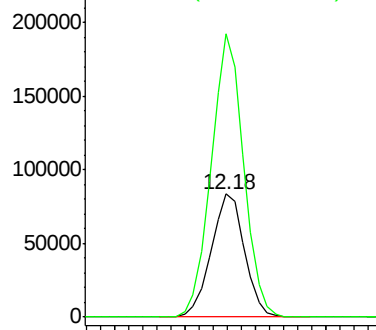
#69
o-Xylene
Concen: 18.958 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tgt Ion:106 Resp: 137901
Ion Ratio Lower Upper
106 100
91 223.0 107.9 323.8

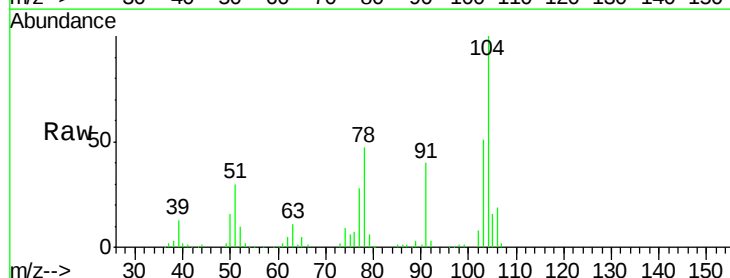


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

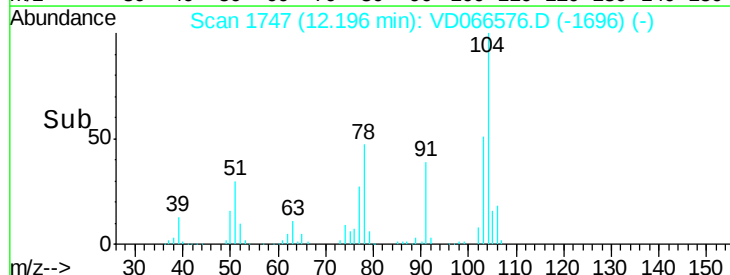
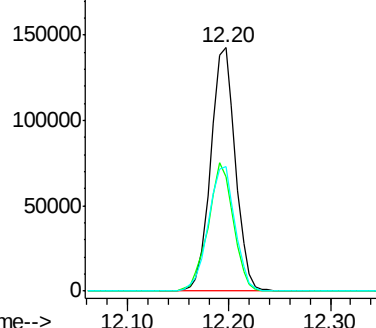


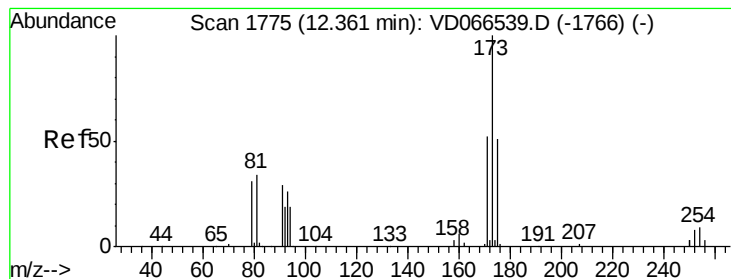
#70
Styrene
Concen: 18.990 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion:104 Resp: 240147
Ion Ratio Lower Upper
104 100
78 53.8 40.7 61.1
103 55.6 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.284 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

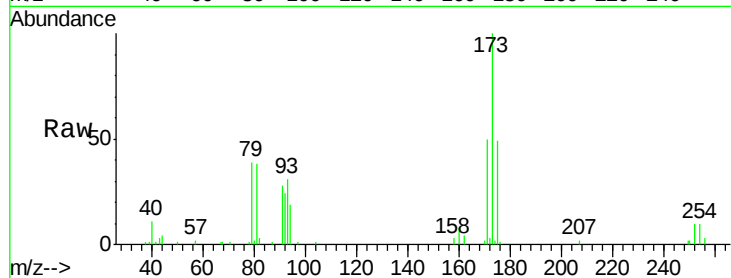
Tgt Ion:173 Resp: 44158

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

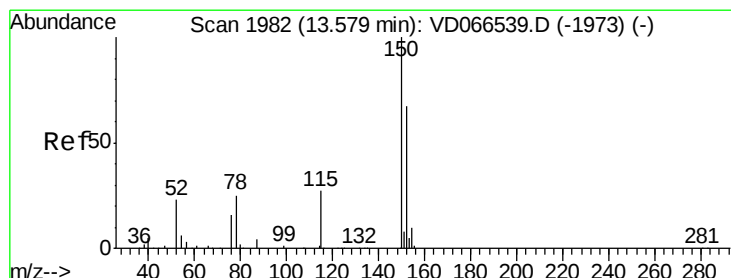
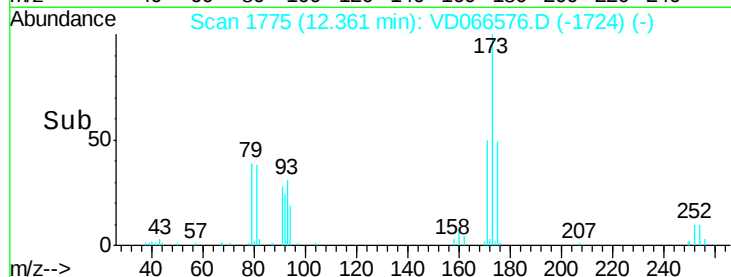
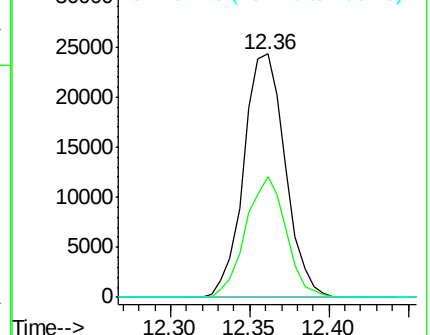
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

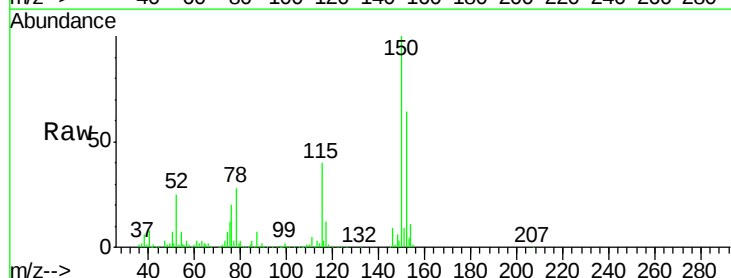
Tgt Ion:152 Resp: 273471

Ion Ratio Lower Upper

152 100

115 62.7 30.4 91.2

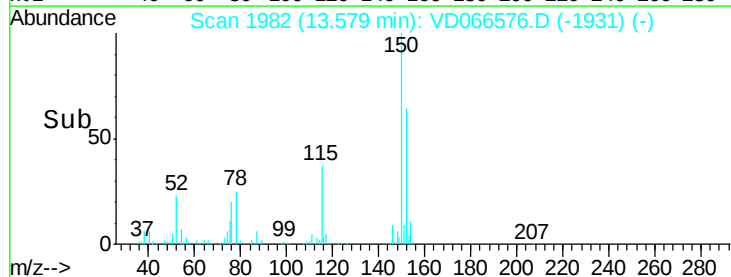
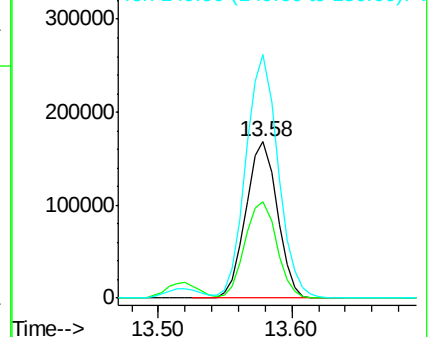
150 160.0 0.0 345.8

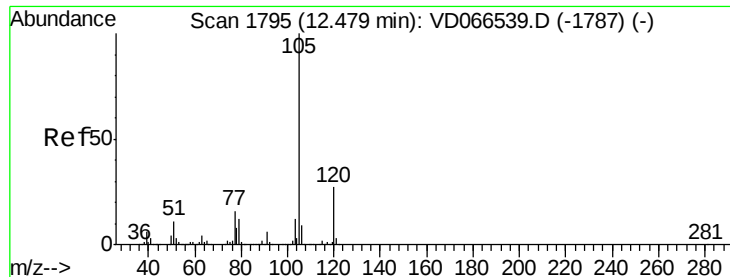


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.674 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

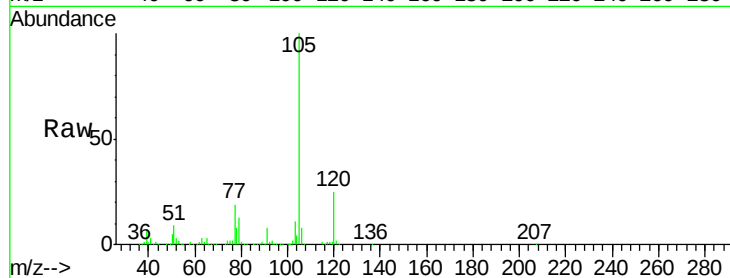
VD0909SBS01

Tgt Ion: 105 Resp: 398350

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

250000

200000

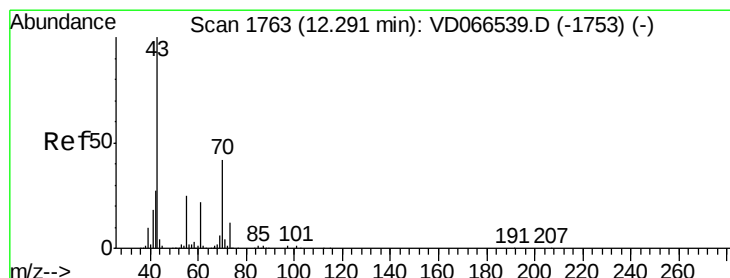
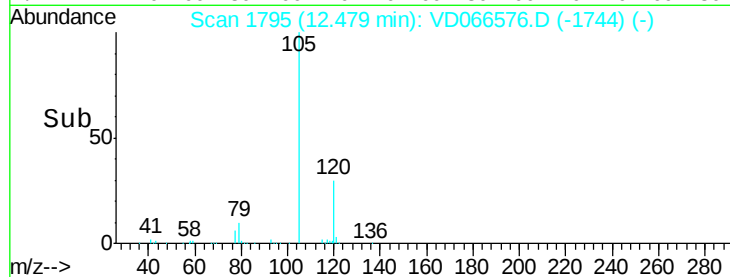
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.793 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Tgt Ion: 43 Resp: 86179

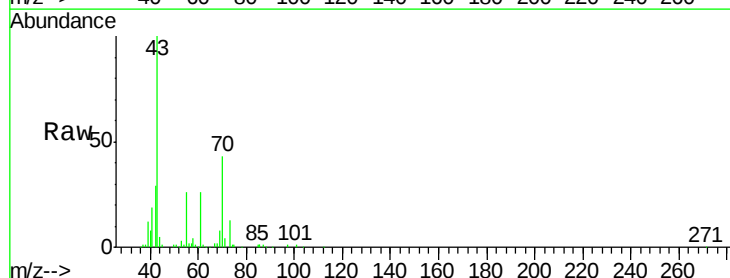
Ion Ratio Lower Upper

43 100

70 41.0 33.4 50.2

55 26.7 20.1 30.1

61 23.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

80000

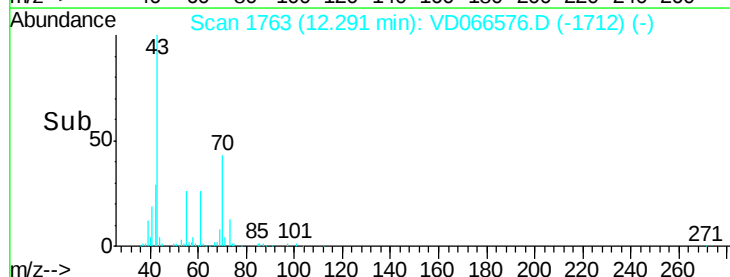
60000

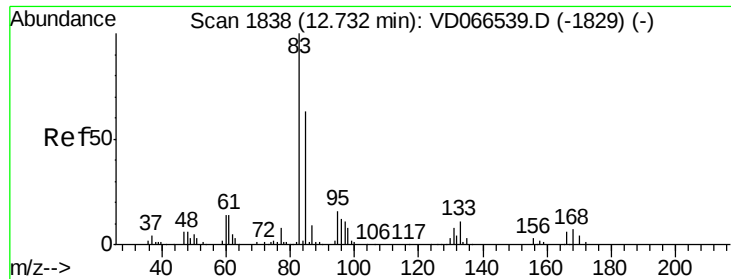
40000

20000

0

Time-->

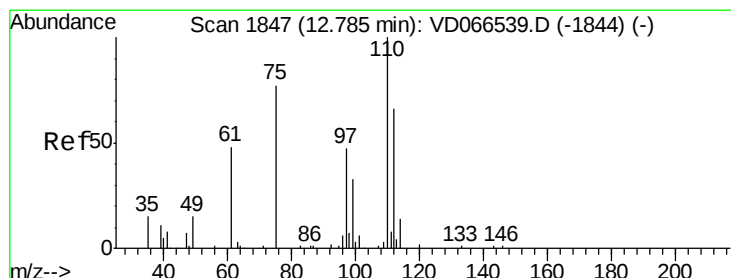
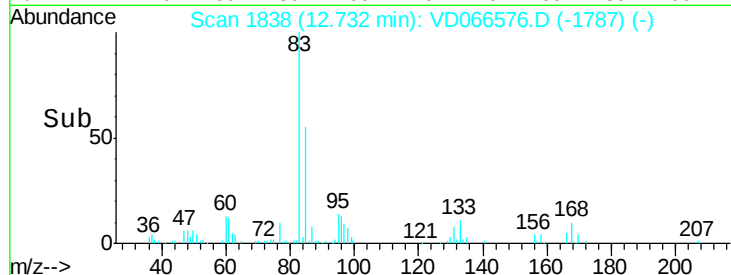
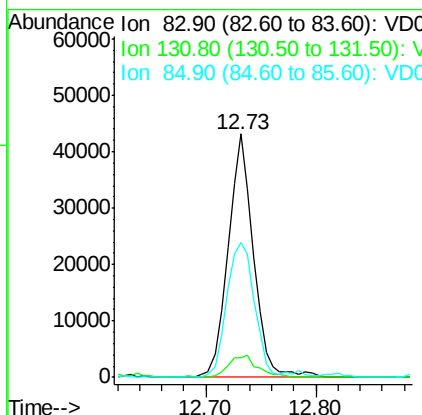
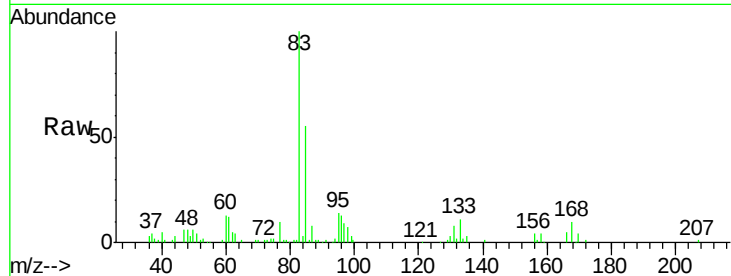




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.382 ug/l
 RT: 12.73 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

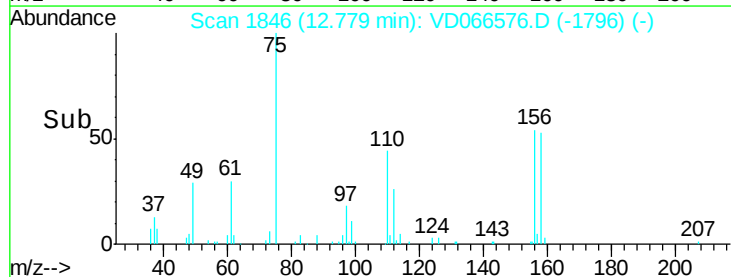
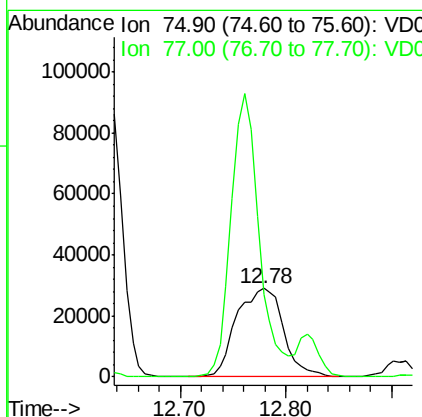
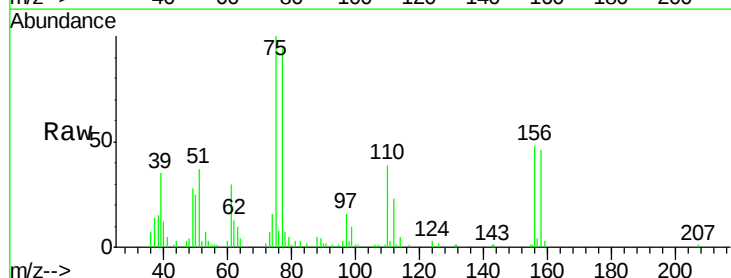
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

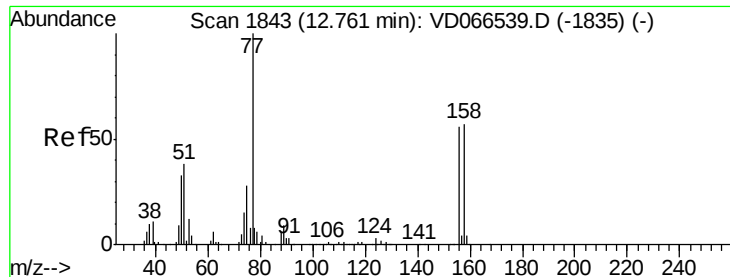
Tgt Ion: 83 Resp: 69332
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 15.0
 85 60.7 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 33.845 ug/l
 RT: 12.78 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 75 Resp: 89014
 Ion Ratio Lower Upper
 75 100
 77 192.6 0.0 0.0#





#77

Bromobenzene

Concen: 19.695 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

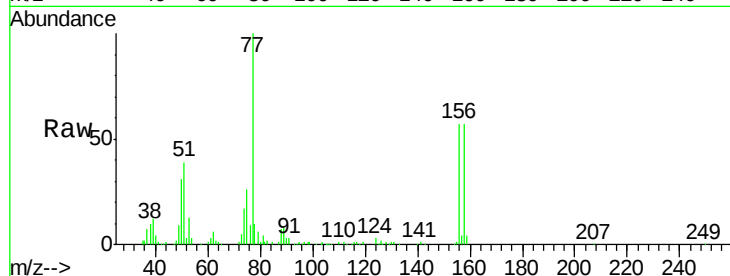
Tgt Ion:156 Resp: 88904

Ion Ratio Lower Upper

156 100

77 192.8 98.0 294.1

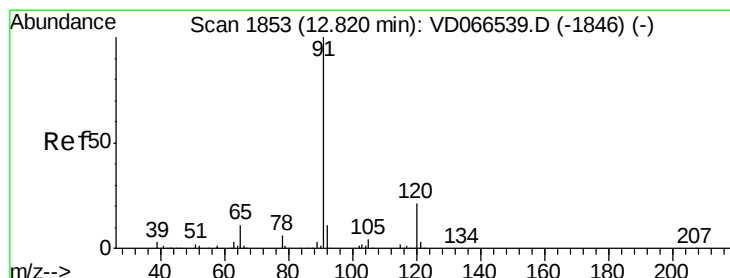
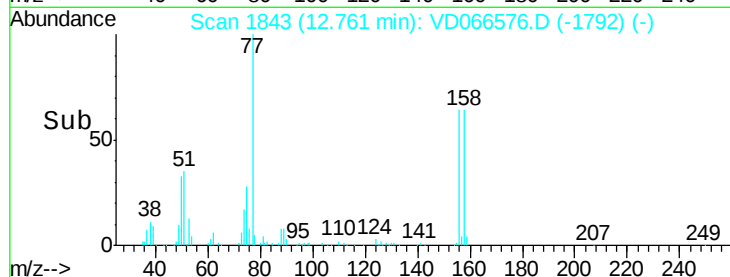
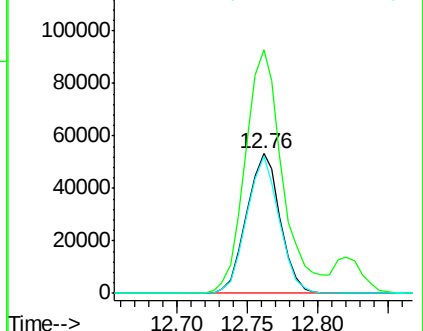
158 94.8 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.726 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066576.D

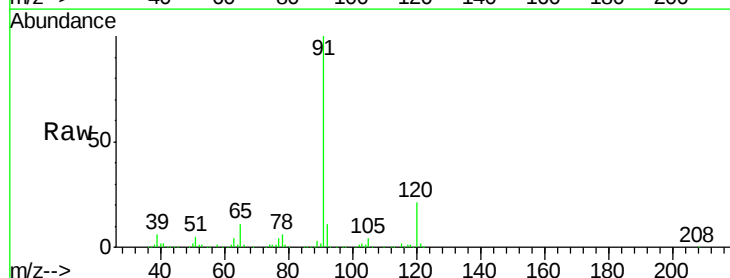
Acq: 09 Sep 2020 12:02

Tgt Ion: 91 Resp: 484168

Ion Ratio Lower Upper

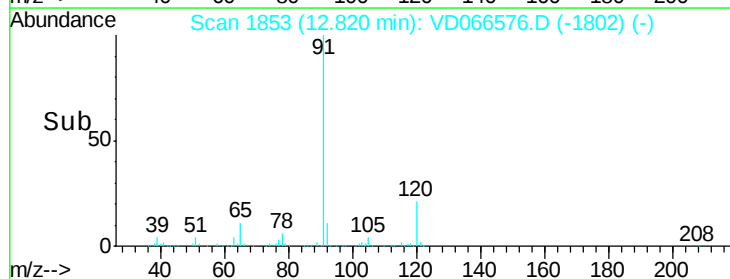
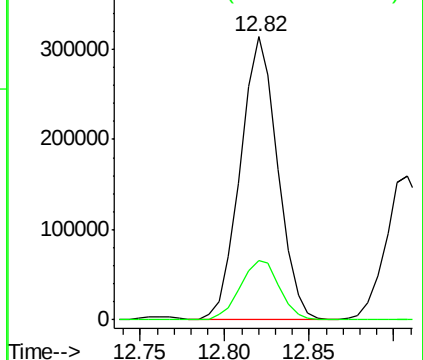
91 100

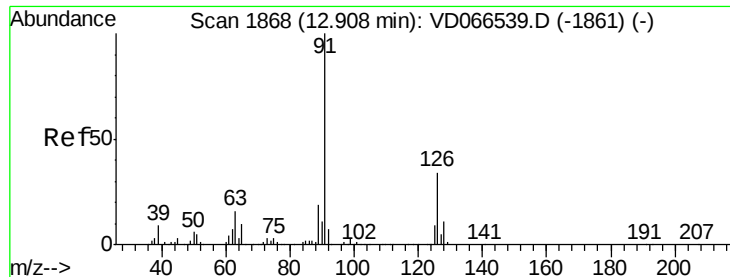
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.678 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

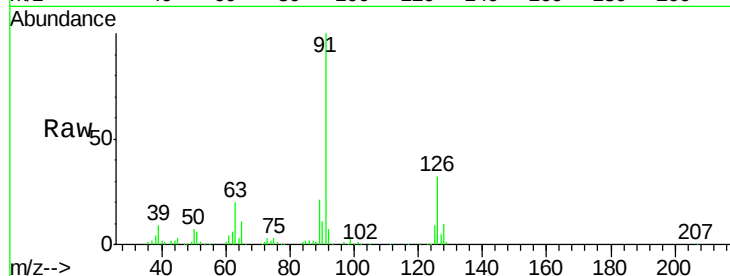
VD0909SBS01

Tgt Ion: 91 Resp: 270958

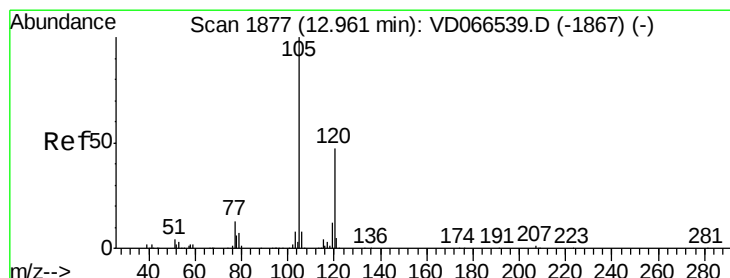
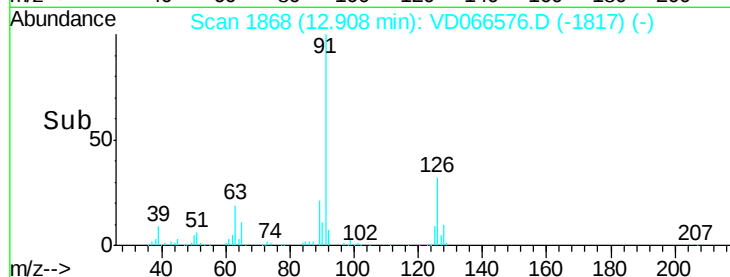
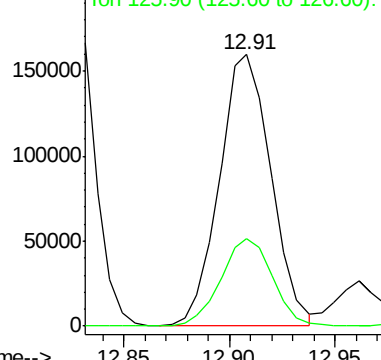
Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.709 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066576.D

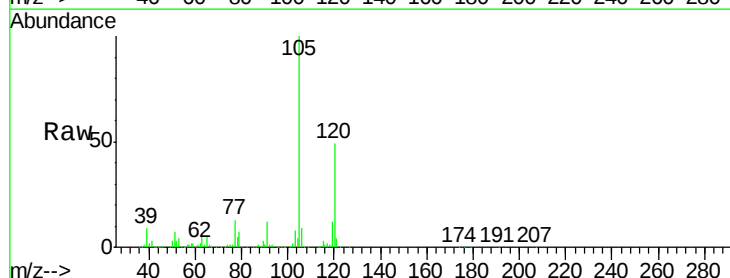
Acq: 09 Sep 2020 12:02

Tgt Ion: 105 Resp: 335874

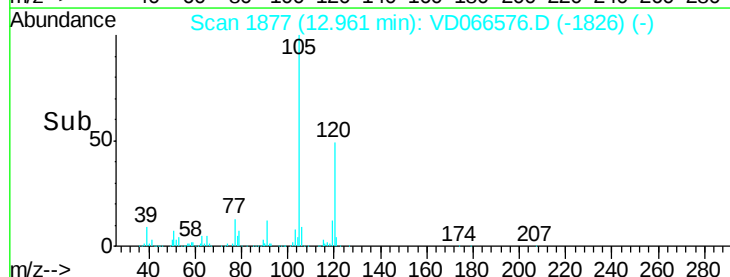
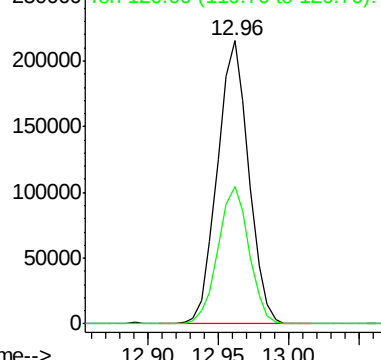
Ion Ratio Lower Upper

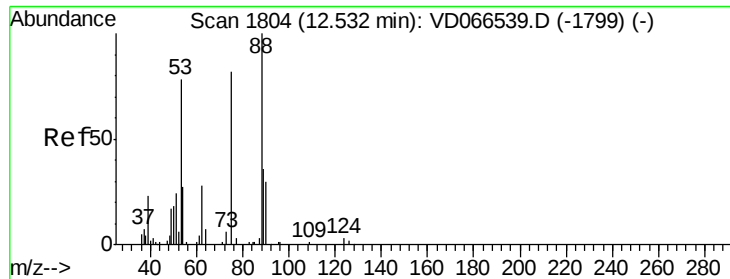
105 100

120 48.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.110 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

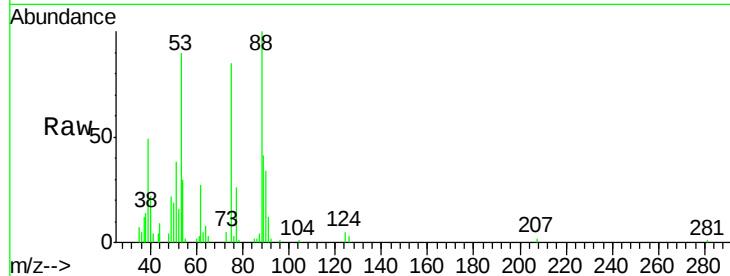
Tgt Ion: 75 Resp: 20401

Ion Ratio Lower Upper

75 100

53 105.0 87.0 130.4

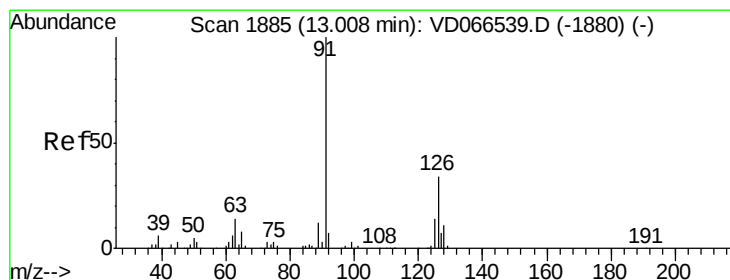
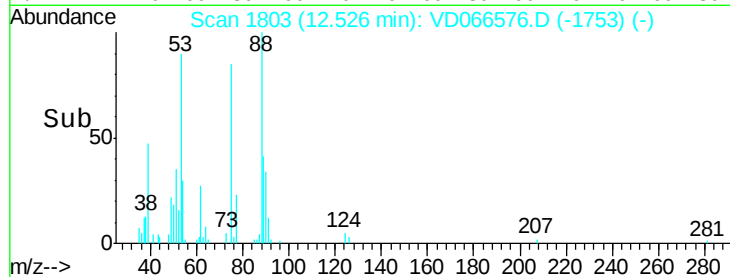
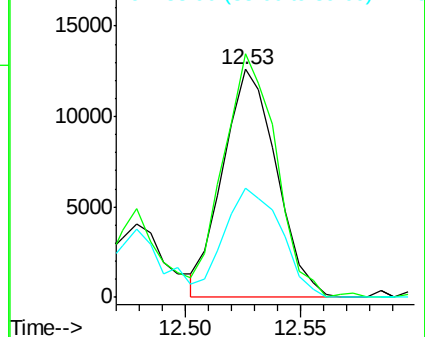
89 51.0 37.1 55.7



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: 19.411 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066576.D

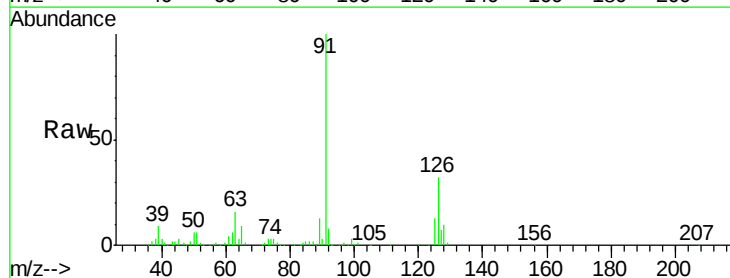
Acq: 09 Sep 2020 12:02

Tgt Ion: 91 Resp: 285824

Ion Ratio Lower Upper

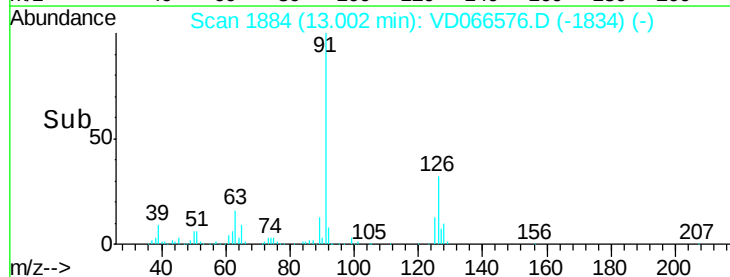
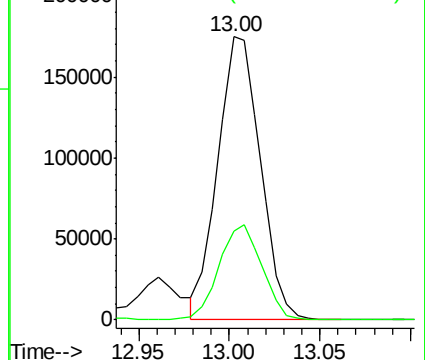
91 100

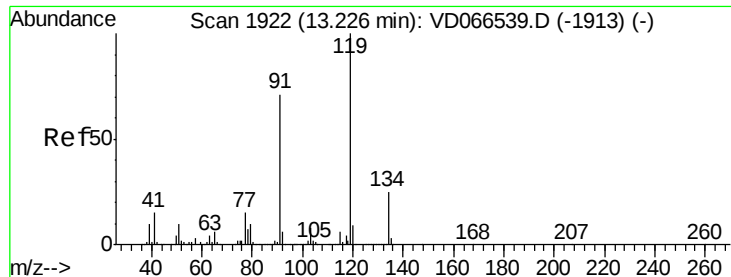
126 34.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

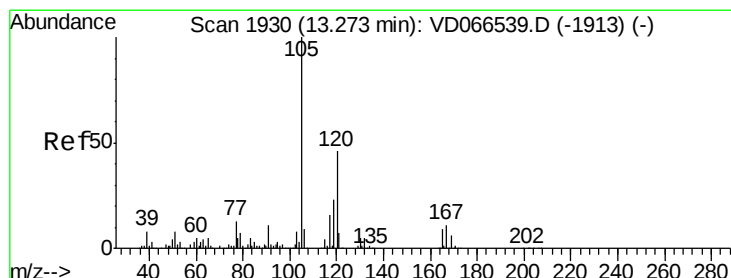
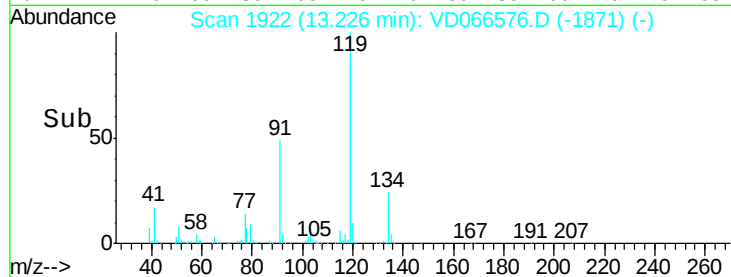
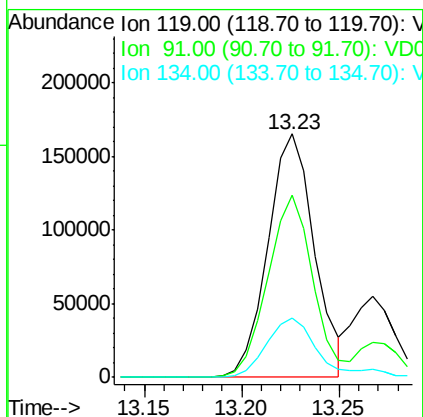
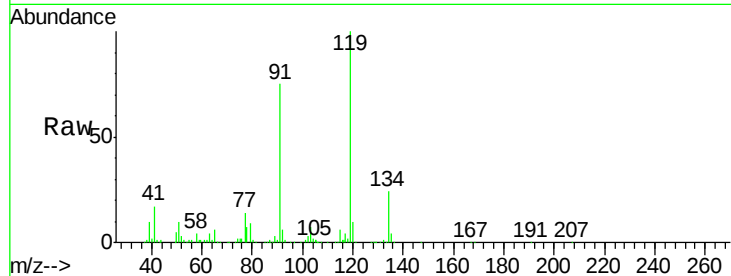




#83
 tert-Butylbenzene
 Concen: 19.602 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

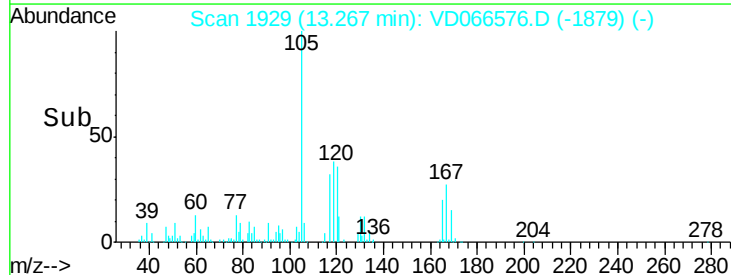
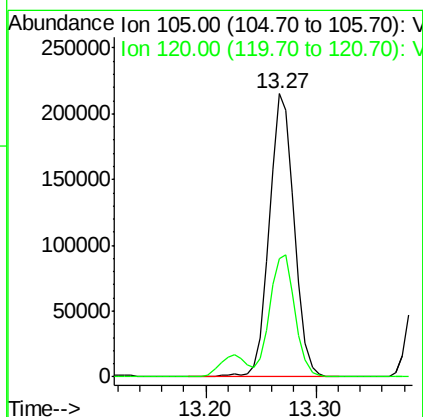
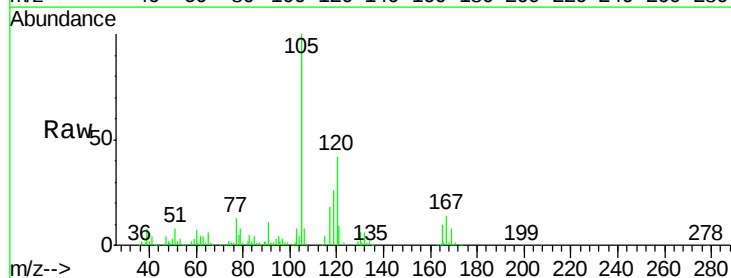
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

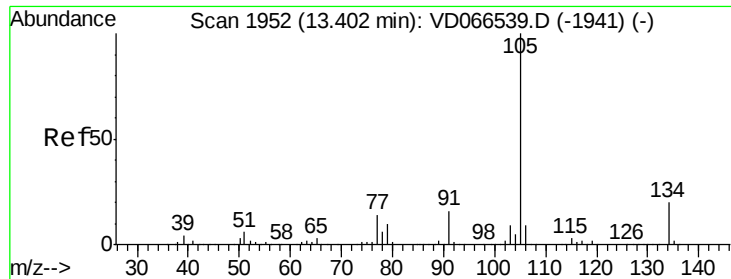
Tgt Ion:119 Resp: 272794
 Ion Ratio Lower Upper
 119 100
 91 73.4 35.2 105.6
 134 27.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.977 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion:105 Resp: 338941
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.6 67.7

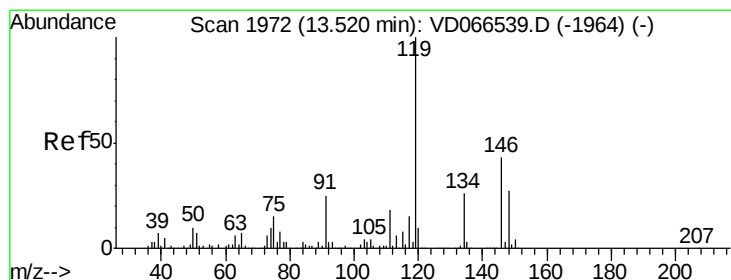
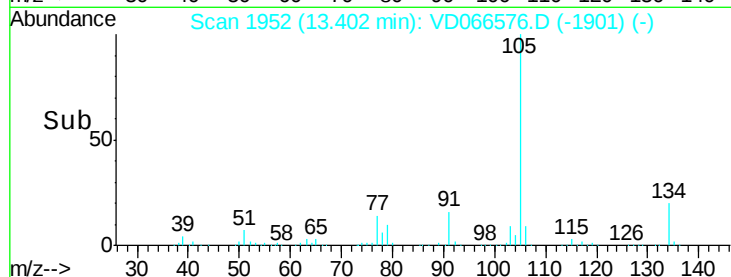
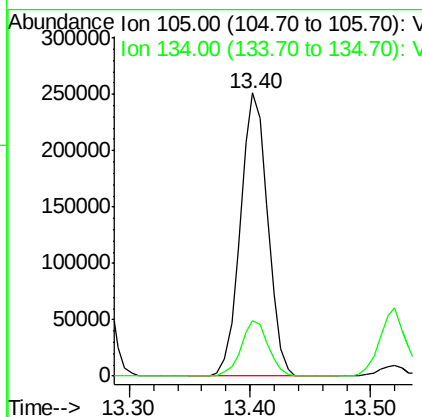
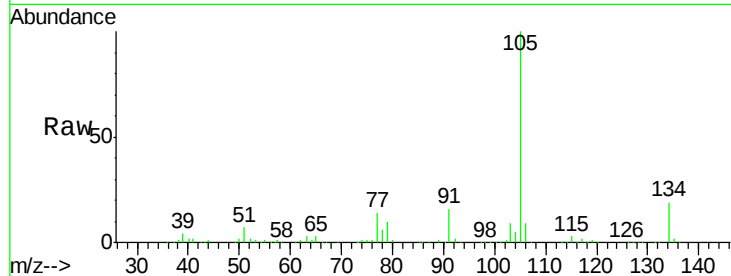




#85
 sec-Butylbenzene
 Concen: 19.802 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

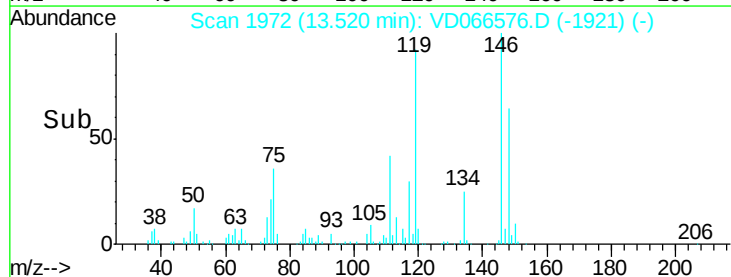
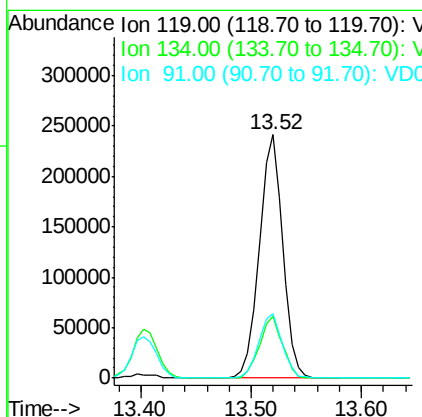
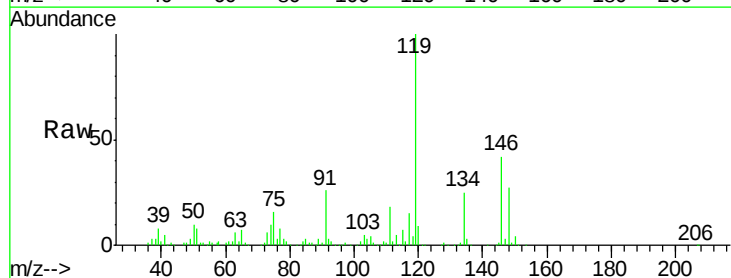
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

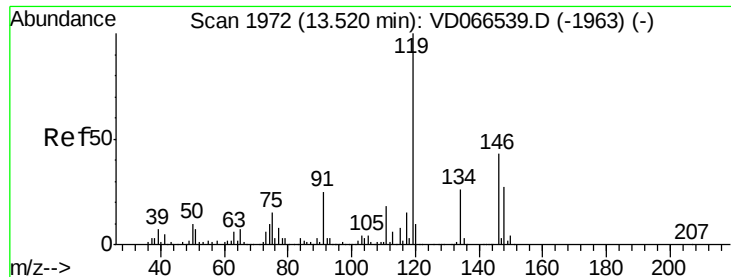
Tgt Ion:105 Resp: 397031
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.889 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion:119 Resp: 358925
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.0
 91 26.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.197 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

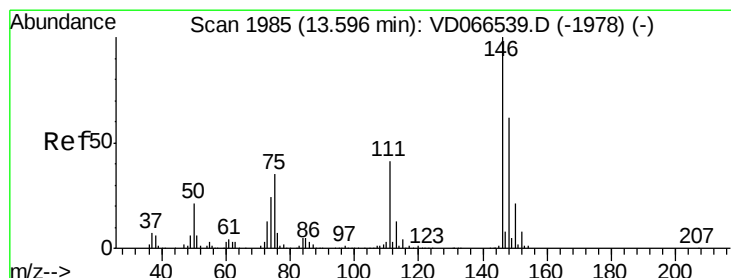
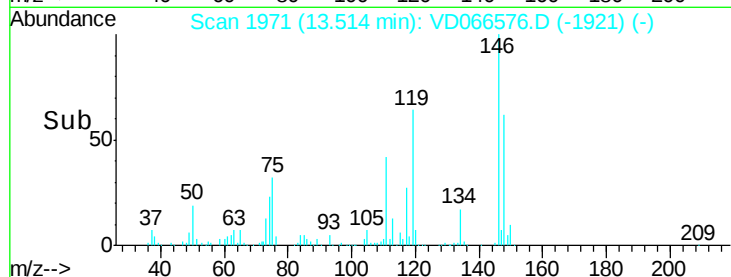
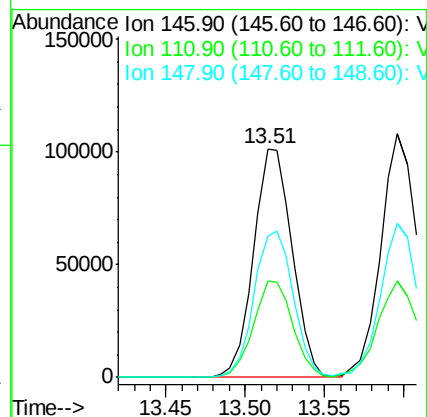
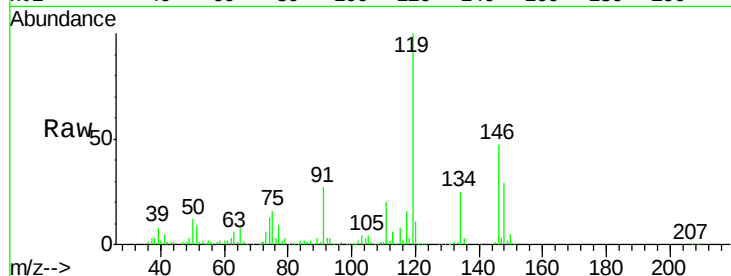
Tgt Ion:146 Resp: 172039

Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.9

148 64.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.237 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066576.D

Acq: 09 Sep 2020 12:02

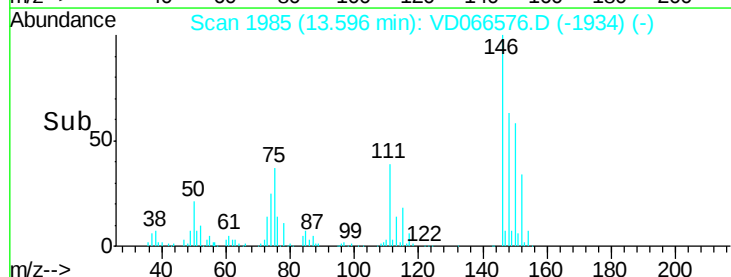
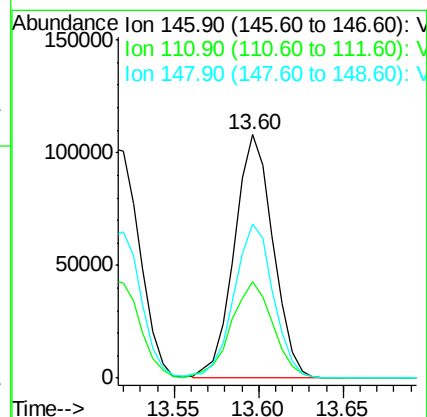
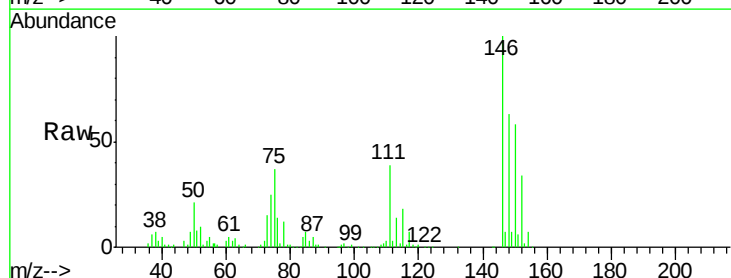
Tgt Ion:146 Resp: 173029

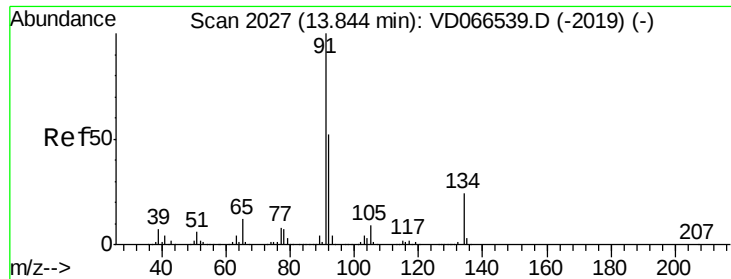
Ion Ratio Lower Upper

146 100

111 42.6 20.1 60.2

148 64.0 31.6 94.8

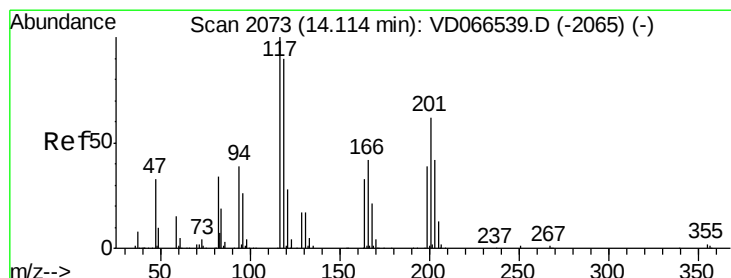
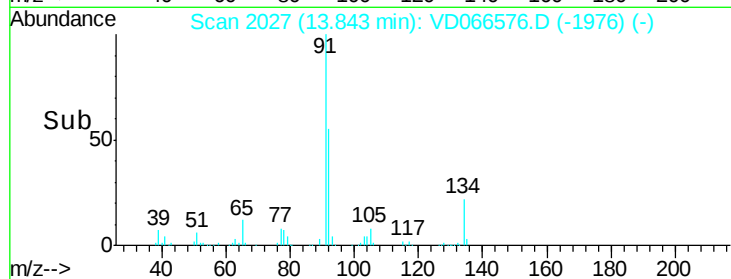
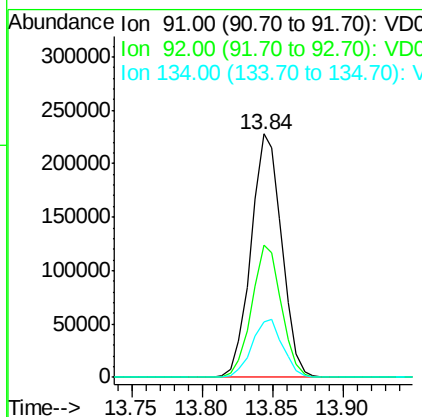
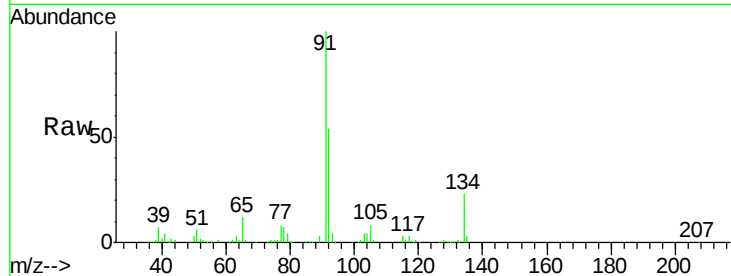




#89
n-Butylbenzene
Concen: 19.789 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

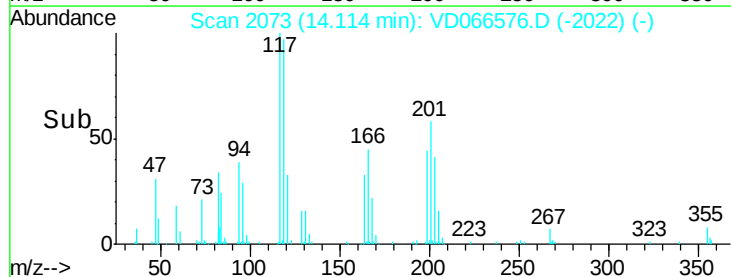
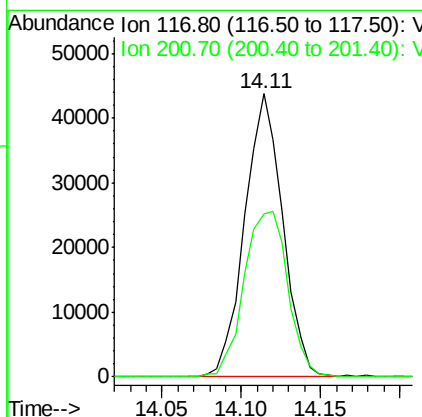
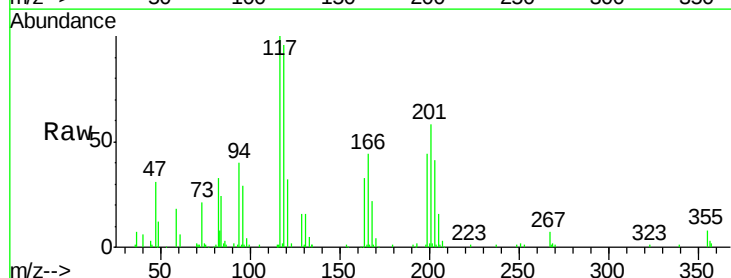
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

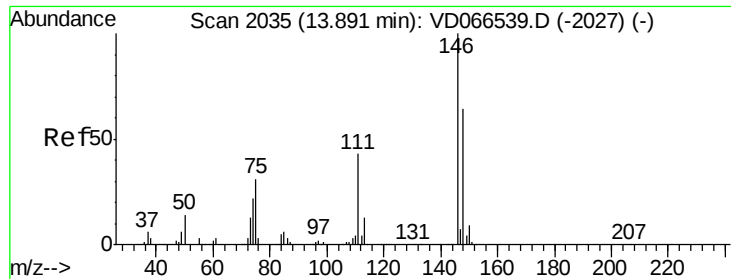
Tgt Ion: 91 Resp: 348007
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.0 12.1 36.3



#90
Hexachloroethane
Concen: 18.780 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion: 117 Resp: 73024
Ion Ratio Lower Upper
117 100
201 67.2 31.9 95.5

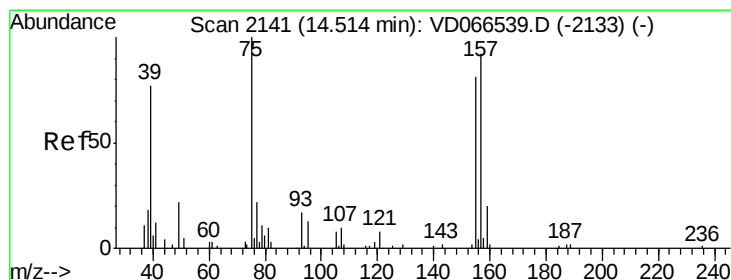
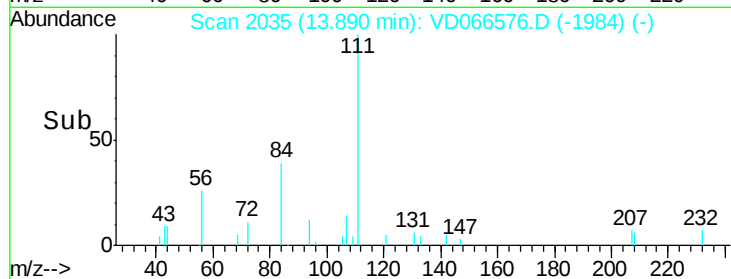
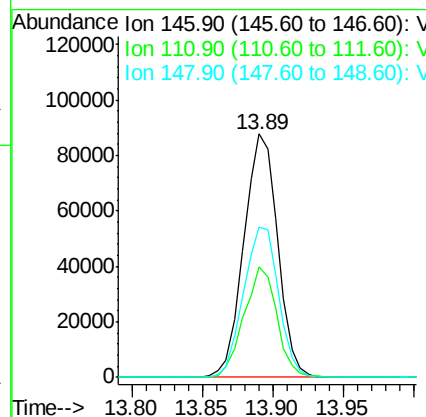
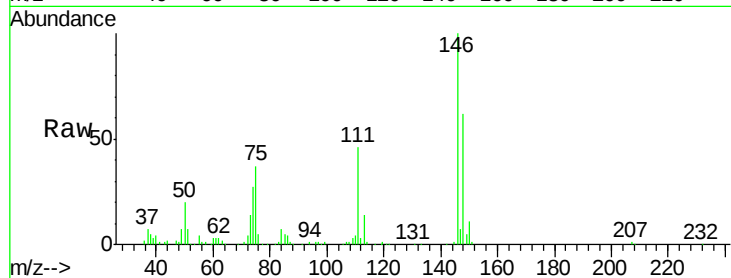




#91
 1,2-Dichlorobenzene
 Concen: 18.828 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

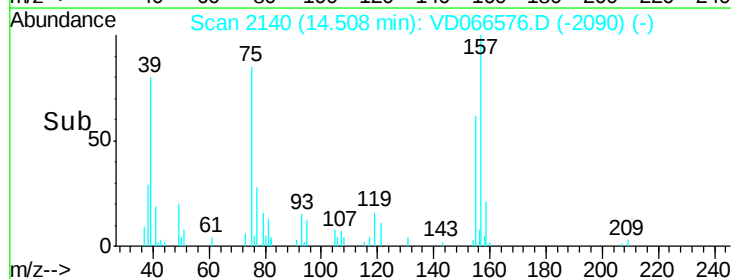
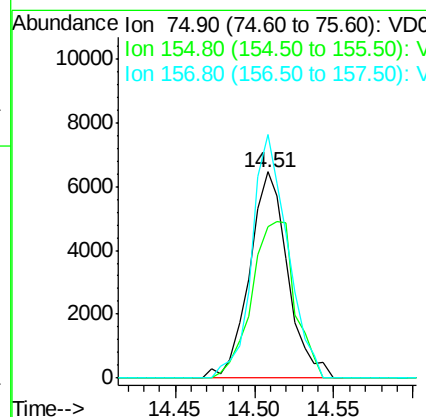
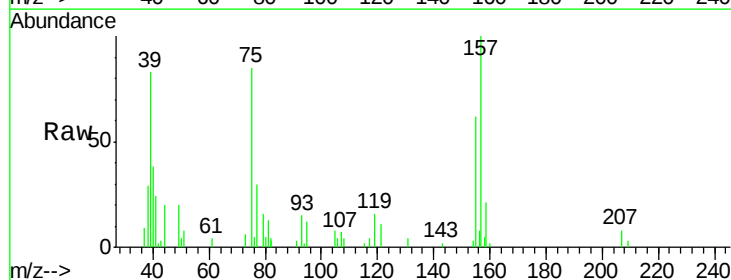
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

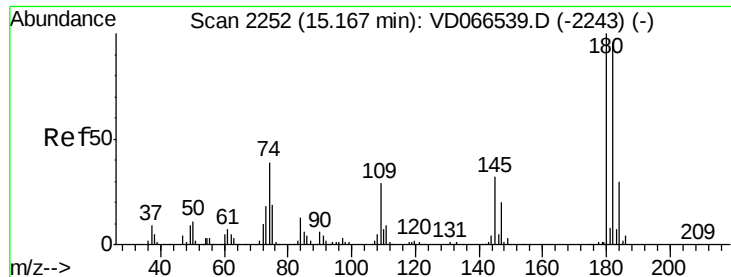
Tgt Ion: 146 Resp: 147483
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.1 63.4
 148 63.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.834 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion: 75 Resp: 10837
 Ion Ratio Lower Upper
 75 100
 155 85.3 39.3 117.8
 157 110.1 46.0 137.8

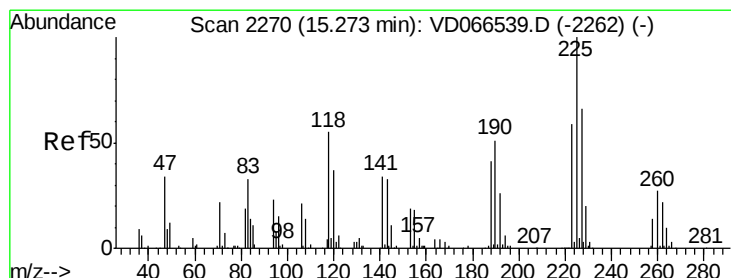
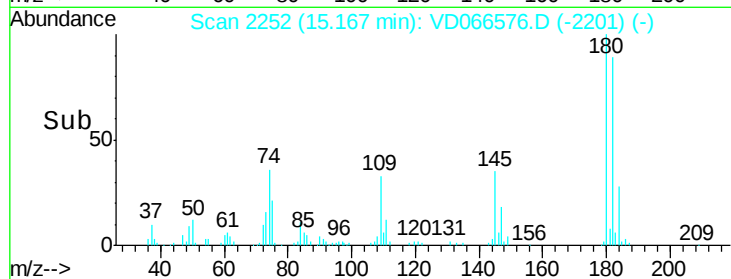
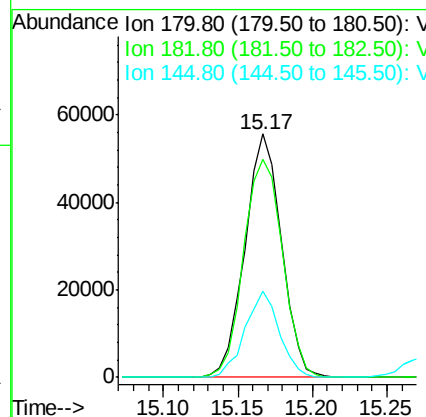
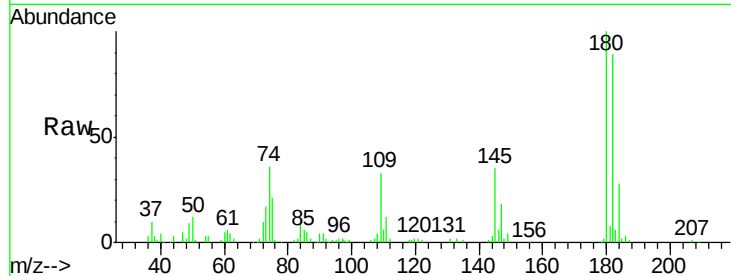




#93
 1,2,4-Trichlorobenzene
 Concen: 20.019 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

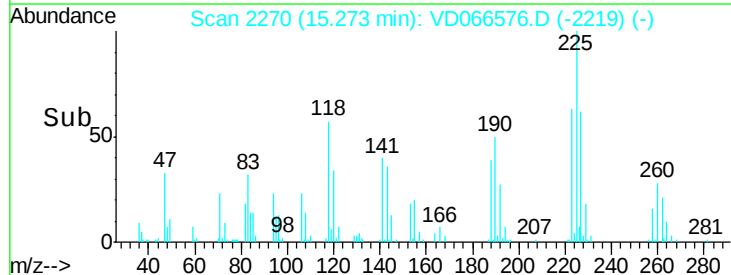
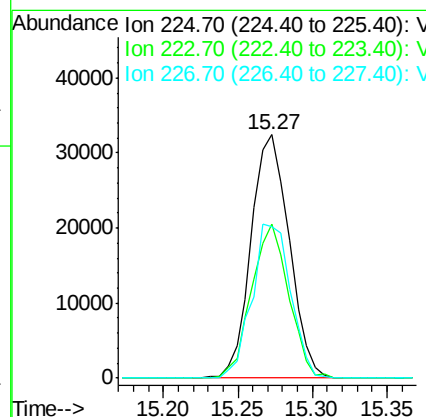
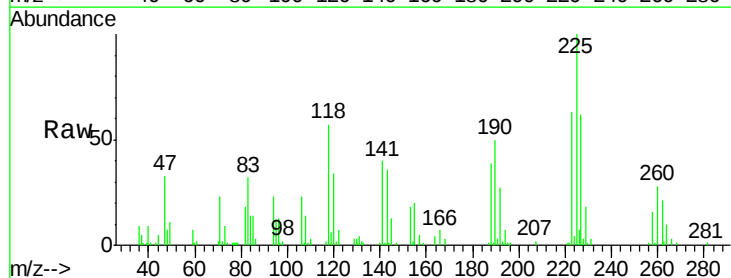
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

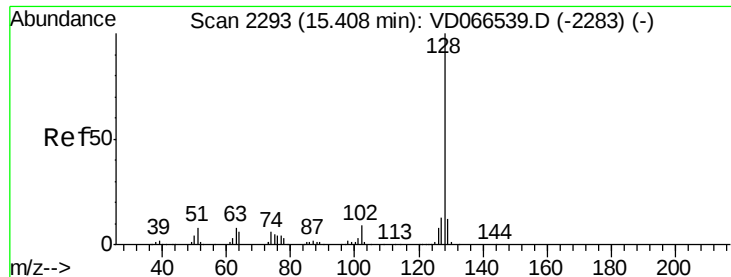
Tgt Ion:180 Resp: 94110
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.4 145.0
 145 33.3 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 20.262 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066576.D
 Acq: 09 Sep 2020 12:02

Tgt Ion:225 Resp: 57223
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.5 91.5
 227 64.1 32.4 97.2

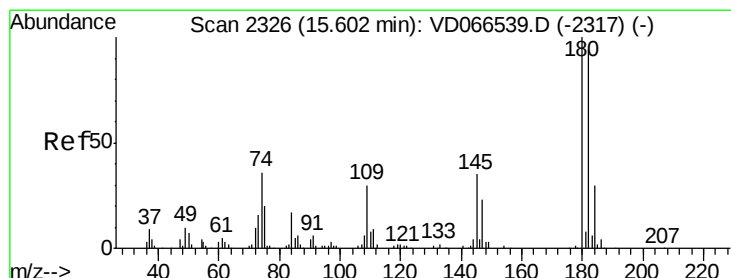
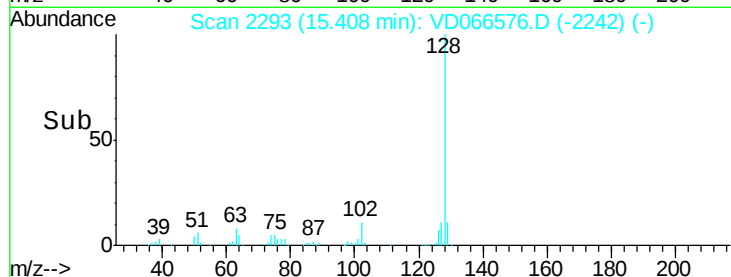
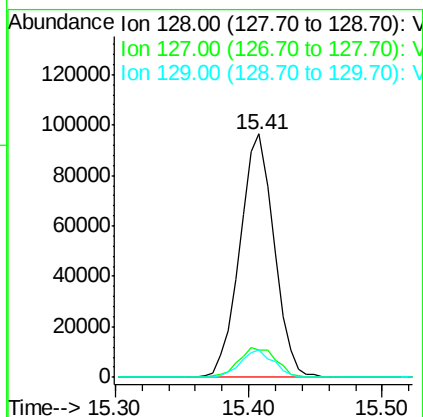
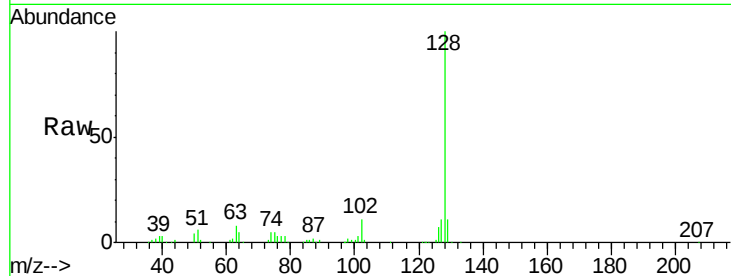




#95
Naphthalene
Concen: 20.810 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tgt Ion:128 Resp: 170947
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 20.537 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066576.D
Acq: 09 Sep 2020 12:02

Tgt Ion:180 Resp: 82310
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 35.2 17.3 51.7

