

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066544.D
 Acq On : 03 Sep 2020 20:01
 Operator : VA/SY
 Sample : VD0903SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

Quant Time: Sep 04 05:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	327949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	562413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	517125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	218660	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.91	113	198868	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.34	98	734701	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.63	95	239452	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	62944	20.953	ug/l	97
3) Chloromethane	2.21	50	92431	22.287	ug/l	94
4) Vinyl Chloride	2.34	62	97726	21.245	ug/l	98
5) Bromomethane	2.75	94	69656	21.345	ug/l	90
6) Chloroethane	2.91	64	63265	21.653	ug/l	97
7) Trichlorofluoromethane	3.27	101	137987	20.306	ug/l	96
8) Diethyl Ether	3.71	74	35582	20.794	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	75288	20.471	ug/l	99
10) Methyl Iodide	4.30	142	64388	21.673	ug/l	98
11) Tert butyl alcohol	5.21	59	38565	134.386	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	65669	19.875	ug/l	97
13) Acrolein	3.92	56	19068	117.530	ug/l	87
14) Allyl chloride	4.71	41	109431	20.209	ug/l	97
15) Acrylonitrile	5.42	53	77769	105.797	ug/l	97
16) Acetone	4.16	43	67121	91.937	ug/l	94
17) Carbon Disulfide	4.40	76	225429	20.754	ug/l	98
18) Methyl Acetate	4.72	43	40616	23.338	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	163741	21.133	ug/l	96
20) Methylene Chloride	4.97	84	95860	20.141	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	79835	20.347	ug/l	98
22) Diisopropyl ether	6.36	45	244828	21.986	ug/l	99
23) Vinyl Acetate	6.30	43	674399	106.424	ug/l	98
24) 1,1-Dichloroethane	6.26	63	151702	21.664	ug/l	96
25) 2-Butanone	7.21	43	101062	103.119	ug/l	99
26) 2,2-Dichloropropane	7.20	77	122082	19.006	ug/l	96
27) cis-1,2-Dichloroethene	7.20	96	88638	21.007	ug/l	98
28) Bromochloromethane	7.54	49	57880	21.469	ug/l	96
29) Tetrahydrofuran	7.56	42	65377	107.111	ug/l	98
30) Chloroform	7.71	83	157585	21.271	ug/l	96
31) Cyclohexane	7.98	56	127609	19.713	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	141925	20.376	ug/l	99
36) 1,1-Dichloropropene	8.11	75	117366	20.052	ug/l	97
37) Ethyl Acetate	7.29	43	51072	21.913	ug/l	98
38) Carbon Tetrachloride	8.09	117	124316	20.094	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	123250	18.858	ug/l	95
40) Benzene	8.34	78	322594	20.124	ug/l	97
41) Methacrylonitrile	7.56	41	68324	60.562	ug/l #	34
42) 1,2-Dichloroethane	8.42	62	108494	20.889	ug/l	97
43) Isopropyl Acetate	8.45	43	92582	20.728	ug/l	99
44) Trichloroethene	9.11	130	85755	20.394	ug/l	92
45) 1,2-Dichloropropane	9.38	63	81846	20.303	ug/l	89
46) Dibromomethane	9.47	93	45527	20.470	ug/l	98
47) Bromodichloromethane	9.66	83	123263	20.485	ug/l	100
48) Methyl methacrylate	9.45	41	48617	21.526	ug/l	91
49) 1,4-Dioxane	9.46	88	8834	362.048	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	231992	102.991	ug/l	98
52) Toluene	10.40	92	209773	20.673	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	106878	20.120	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	127240	19.947	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	60941	21.311	ug/l	97
56) Ethyl methacrylate	10.66	69	67164	20.172	ug/l	94
57) 1,3-Dichloropropane	10.94	76	102692	20.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	185309	121.679	ug/l	98
59) 2-Hexanone	10.98	43	154727	102.144	ug/l	100
60) Dibromochloromethane	11.14	129	79853	21.117	ug/l	99
61) 1,2-Dibromoethane	11.24	107	58024	20.856	ug/l	97
64) Tetrachloroethene	10.87	164	68620	19.708	ug/l	93
65) Chlorobenzene	11.67	112	212035	19.866	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	82259	20.194	ug/l	99
67) Ethyl Benzene	11.74	91	376736	19.223	ug/l	98
68) m/p-Xylenes	11.85	106	294175	40.427	ug/l	99
69) o-Xylene	12.18	106	129025	19.785	ug/l	98
70) Styrene	12.19	104	230867	20.363	ug/l	98
71) Bromoform	12.36	173	40950	19.948	ug/l #	100
73) Isopropylbenzene	12.48	105	350923	19.761	ug/l	99
74) N-amyl acetate	12.29	43	83200	20.686	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	64971	20.709	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	85445	37.042	ug/l #	100
77) Bromobenzene	12.76	156	81459	20.575	ug/l	98
78) n-propylbenzene	12.82	91	436007	20.253	ug/l	99
79) 2-Chlorotoluene	12.91	91	246639	20.422	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	304373	20.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20026	20.268	ug/l	94
82) 4-Chlorotoluene	13.01	91	268400	20.783	ug/l	100
83) tert-Butylbenzene	13.23	119	244772	20.054	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	303743	20.411	ug/l	100
85) sec-Butylbenzene	13.40	105	349229	19.860	ug/l	99
86) p-Isopropyltoluene	13.52	119	316188	19.977	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	161313	20.524	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	156737	19.868	ug/l	98
89) n-Butylbenzene	13.85	91	294314	19.082	ug/l	98
90) Hexachloroethane	14.11	117	67969	19.930	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	139829	20.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11459	21.501	ug/l	95

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

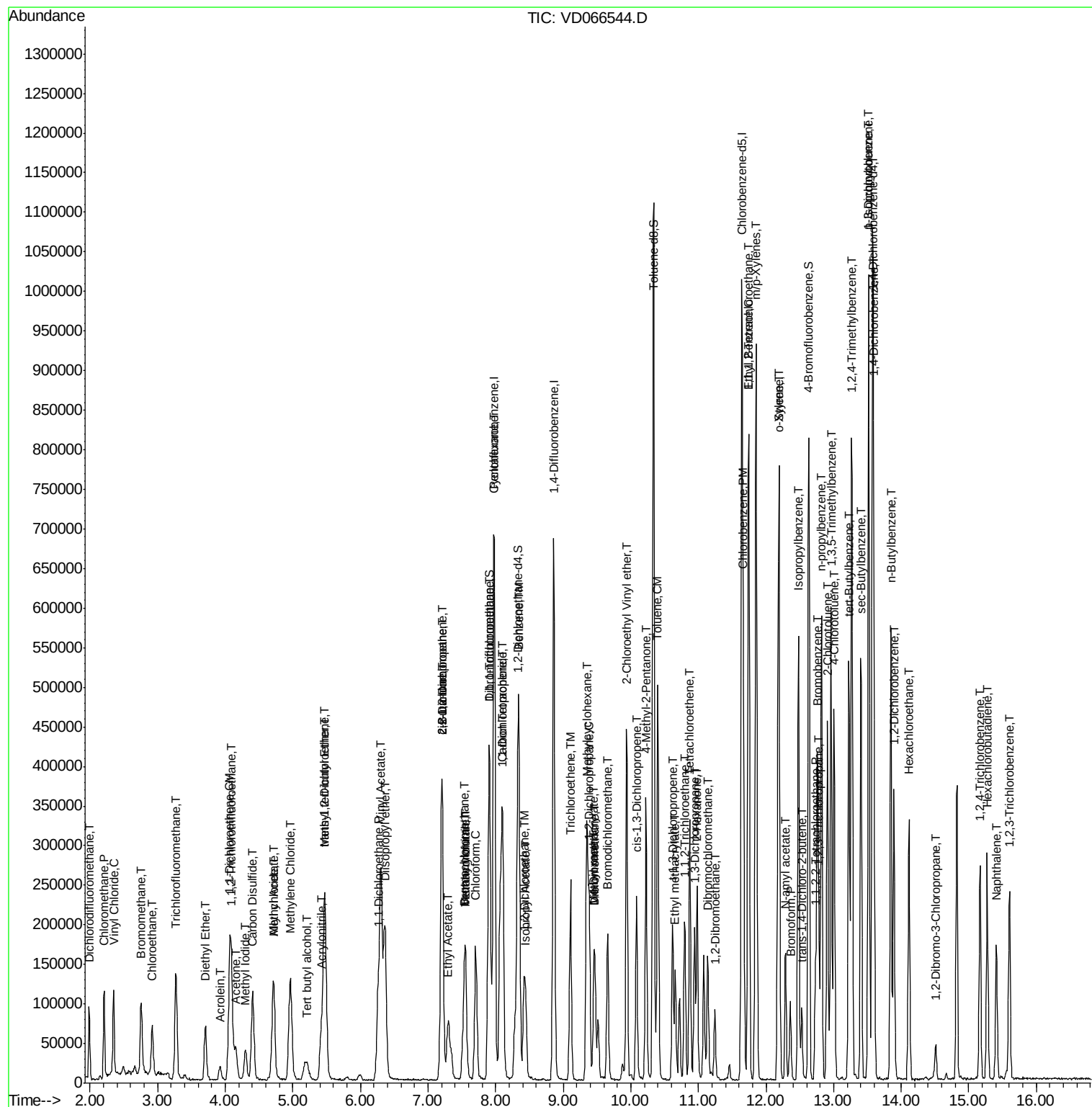
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80698	19.572	ug/l	100
94) Hexachlorobutadiene	15.27	225	46181	18.644	ug/l	96
95) Naphthalene	15.41	128	143807	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73478	20.903	ug/l	99

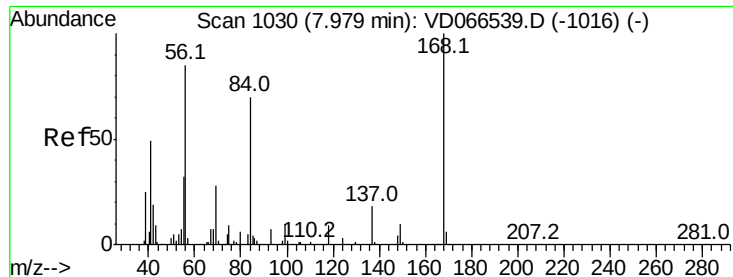
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

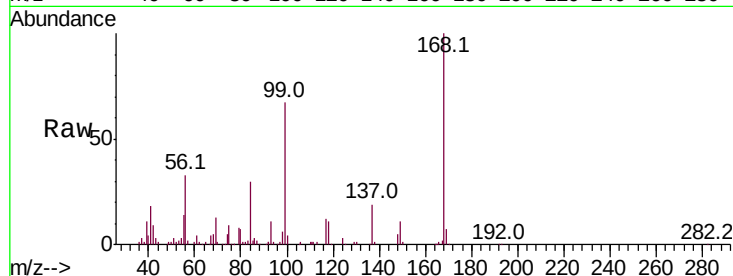
VD0903SBS01

Tot Ion:168 Resp: 327949

Ion Ratio Lower Upper

168 100

99 66.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

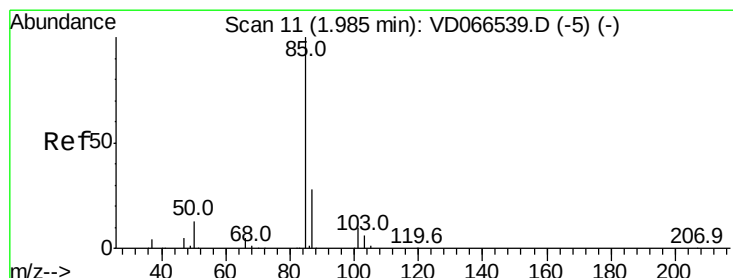
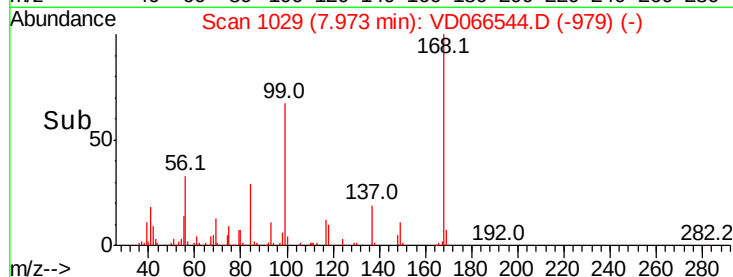
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.953 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066544.D

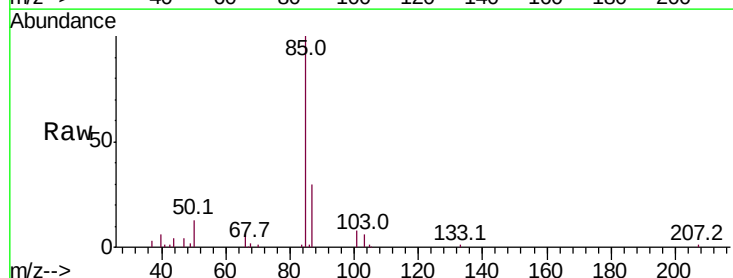
Acq: 03 Sep 2020 20:01

Tgt Ion: 85 Resp: 62944

Ion Ratio Lower Upper

85 100

87 29.9 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

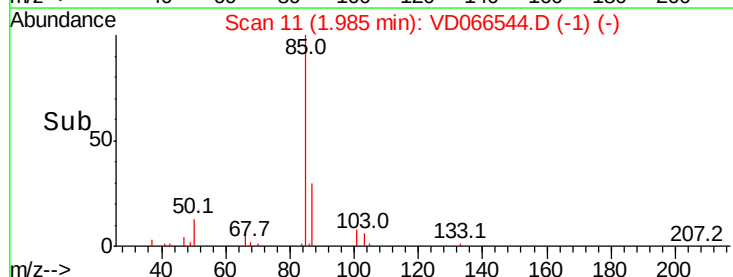
20000

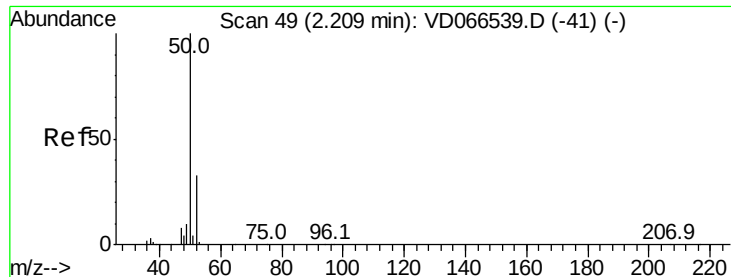
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.287 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

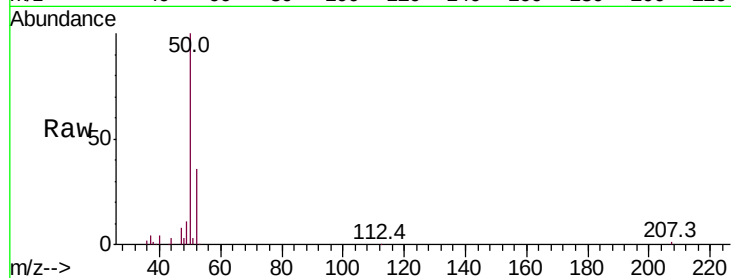
VD0903SBS01

Tot Ion: 50 Resp: 92431

Ion Ratio Lower Upper

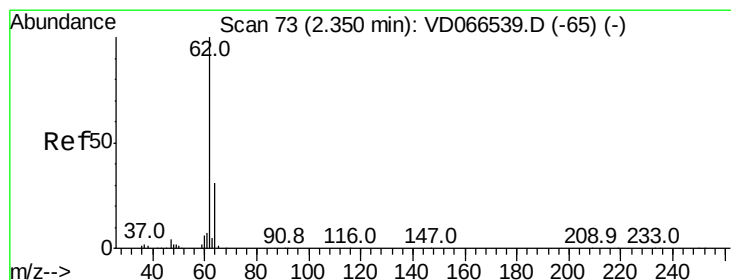
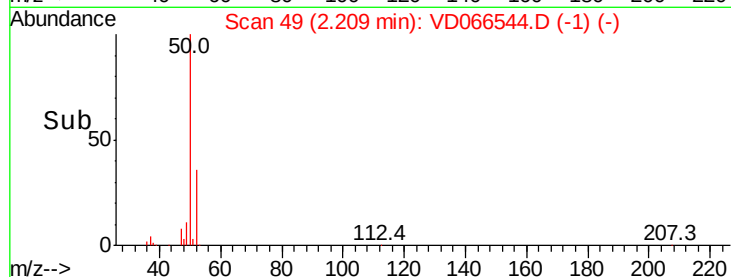
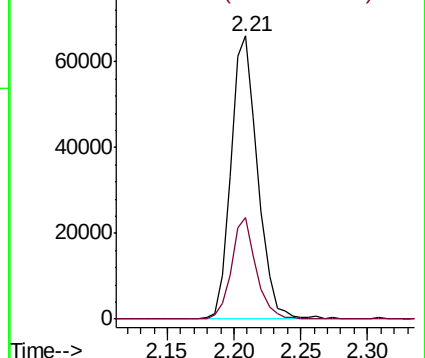
50 100

52 35.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.245 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066544.D

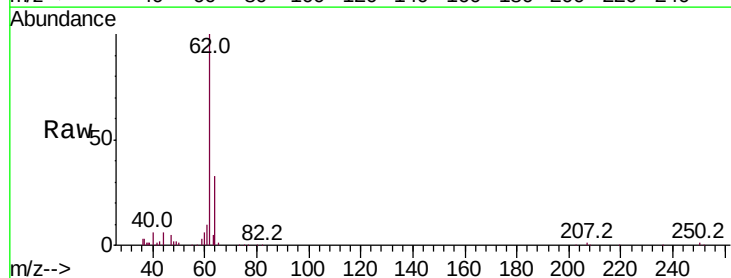
Acq: 03 Sep 2020 20:01

Tgt Ion: 62 Resp: 97726

Ion Ratio Lower Upper

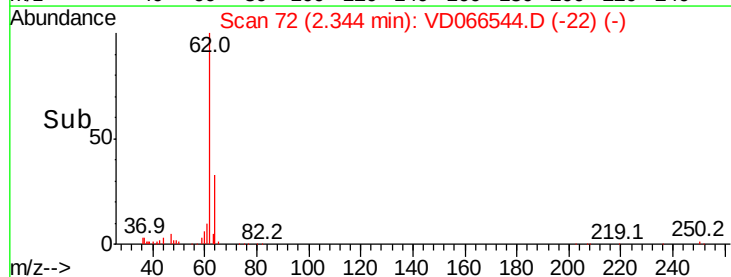
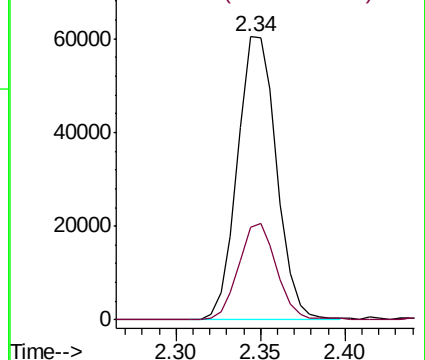
62 100

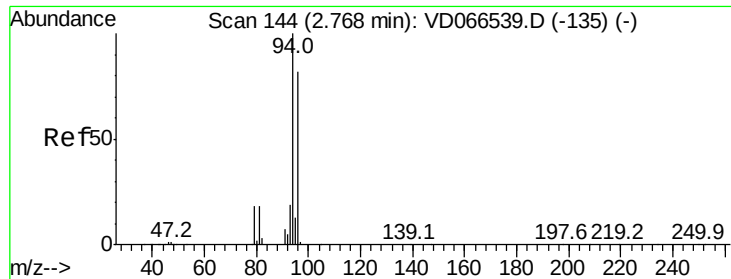
64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.345 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

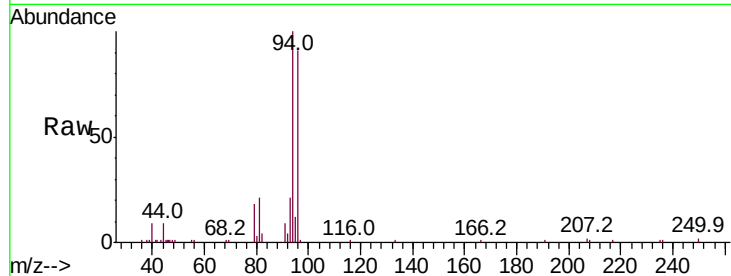
VD0903SBS01

Tot Ion: 94 Resp: 69656

Ion Ratio Lower Upper

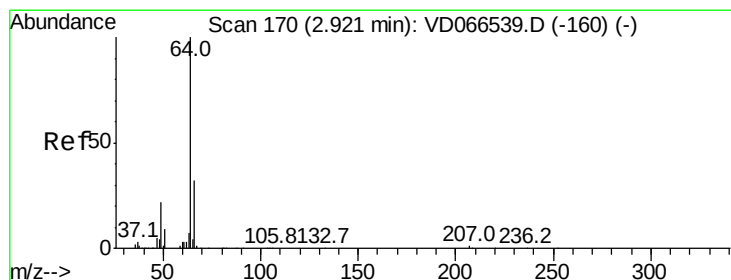
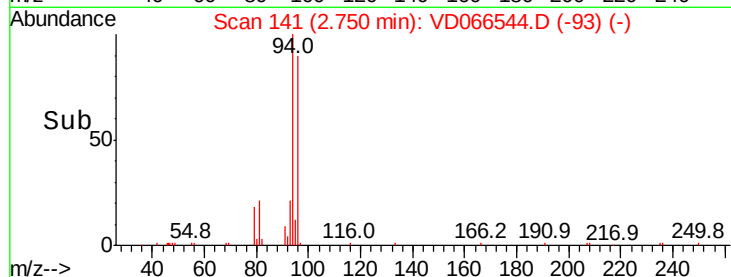
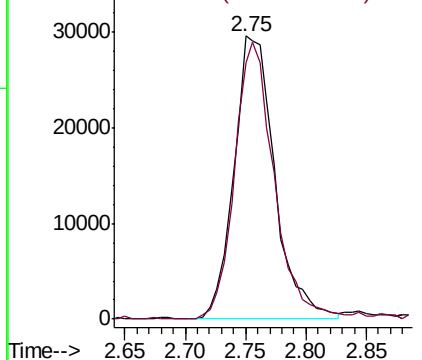
94 100

96 90.7 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: 21.653 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066544.D

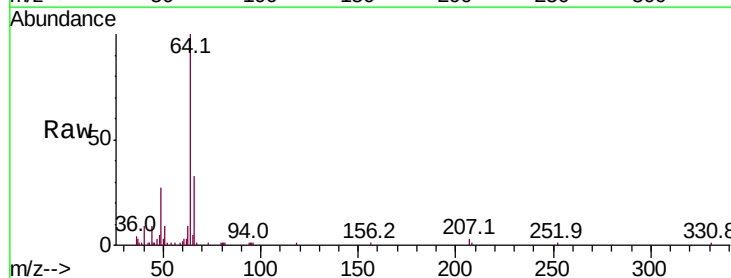
Acq: 03 Sep 2020 20:01

Tgt Ion: 64 Resp: 63265

Ion Ratio Lower Upper

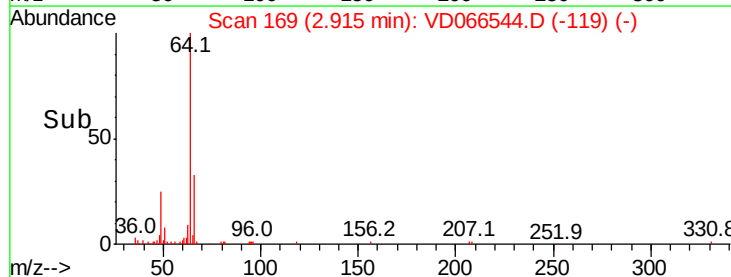
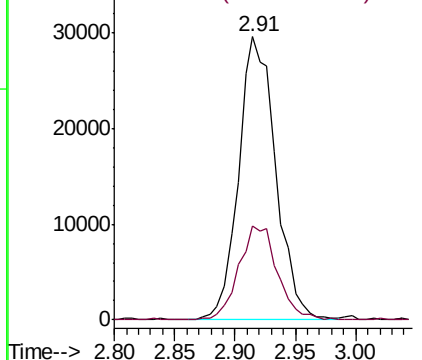
64 100

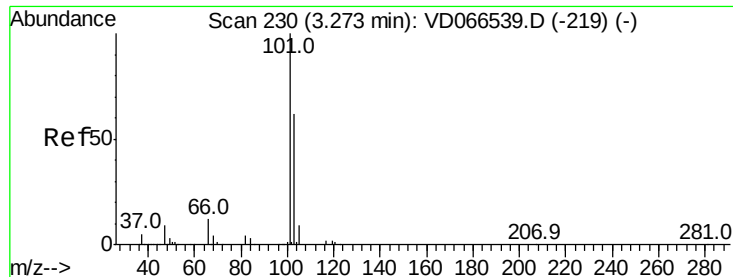
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.306 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

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Acq: 03 Sep 2020 20:01

Instrument :

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ClientSampleId :

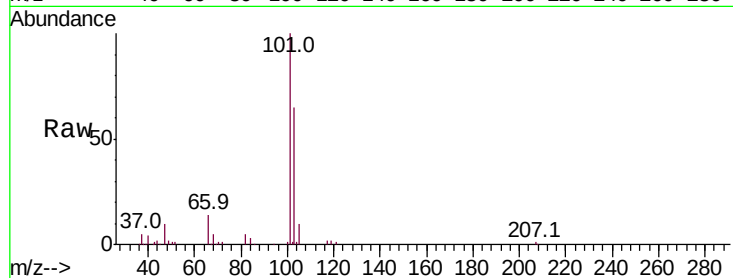
VD0903SBS01

Tot Ion:101 Resp: 137987

Ion Ratio Lower Upper

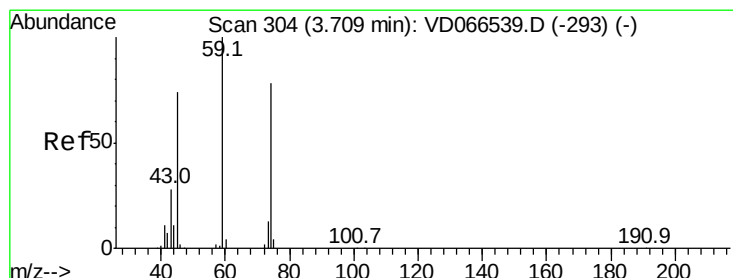
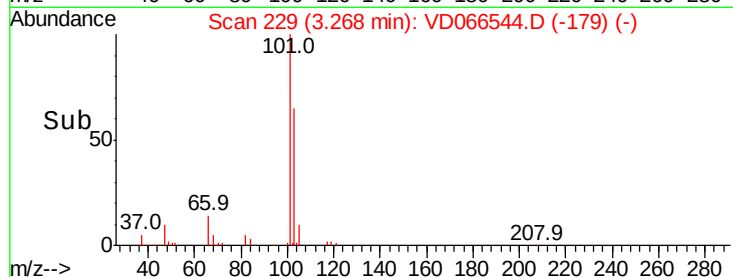
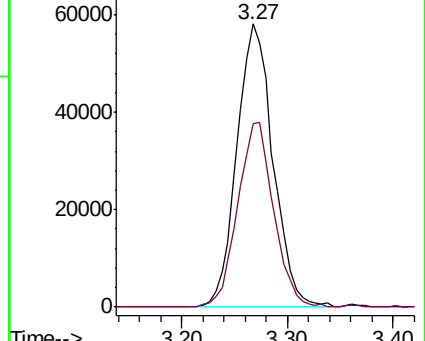
101 100

103 65.0 49.7 74.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.794 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066544.D

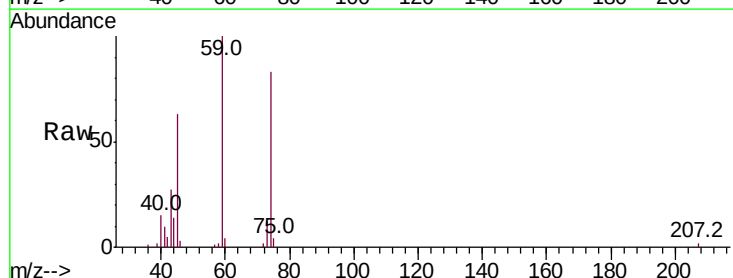
Acq: 03 Sep 2020 20:01

Tgt Ion: 74 Resp: 35582

Ion Ratio Lower Upper

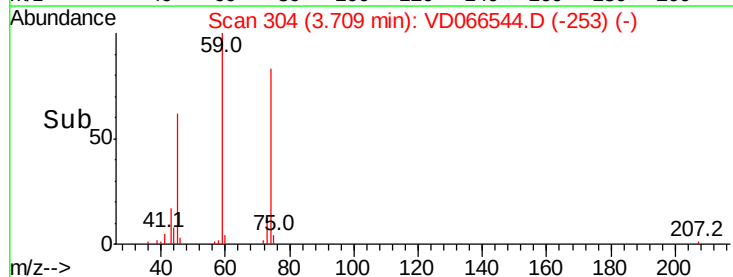
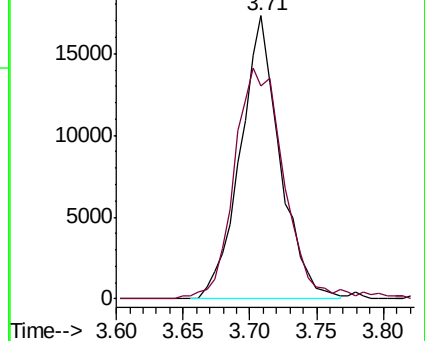
74 100

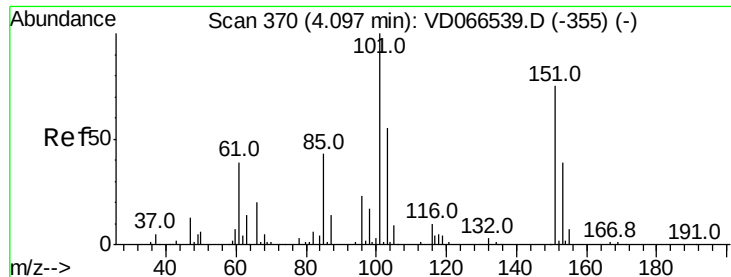
45 101.7 49.7 149.1



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.471 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

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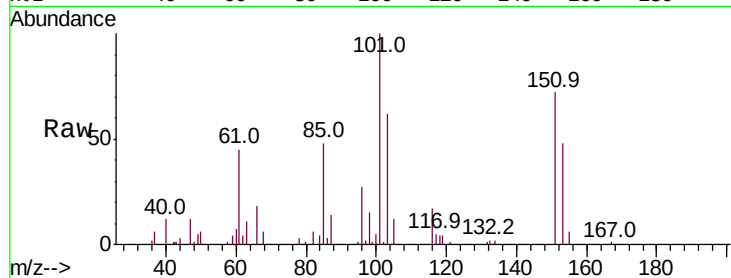
Tot Ion:101 Resp: 75288

Ion Ratio Lower Upper

101 100

85 47.9 37.0 55.6

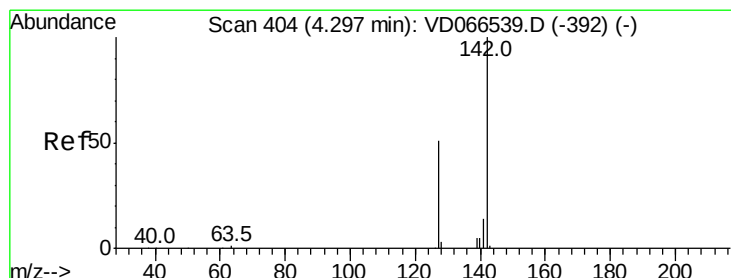
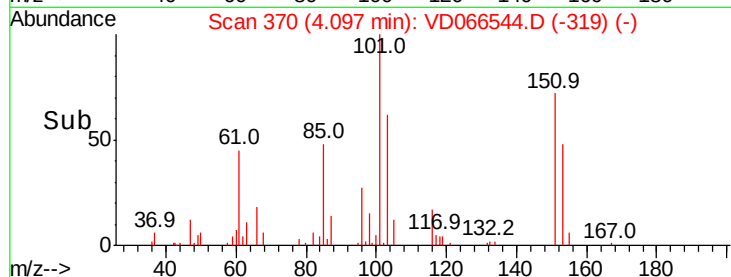
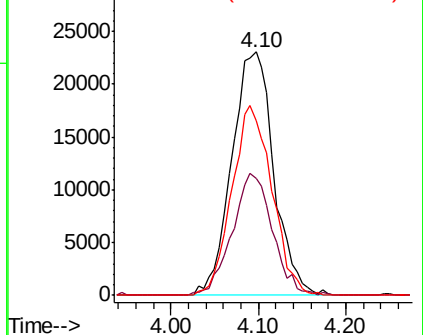
151 74.3 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.673 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

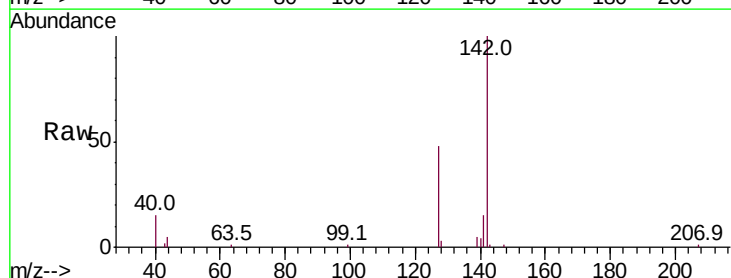
Tgt Ion:142 Resp: 64388

Ion Ratio Lower Upper

142 100

127 49.3 40.6 61.0

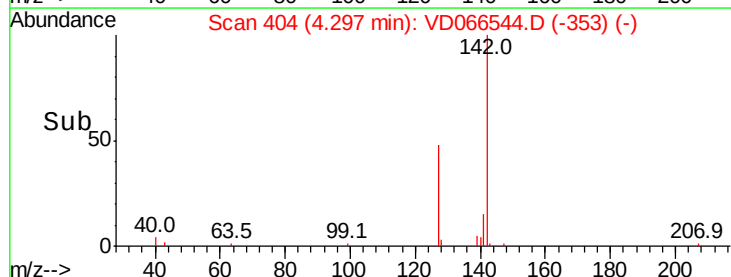
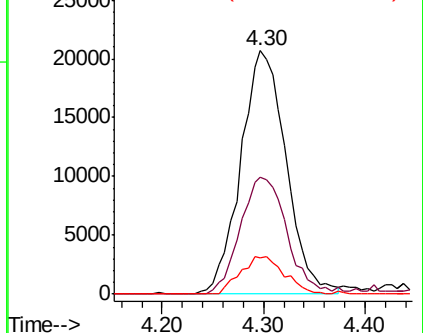
141 15.0 12.2 18.4

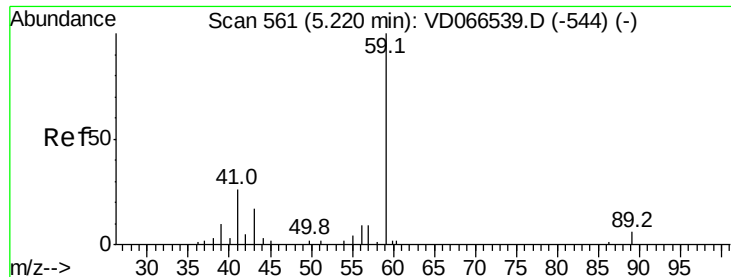


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



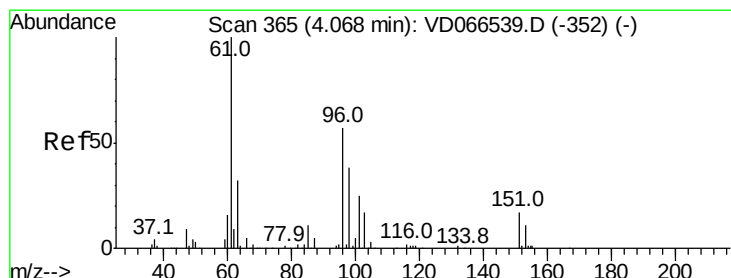
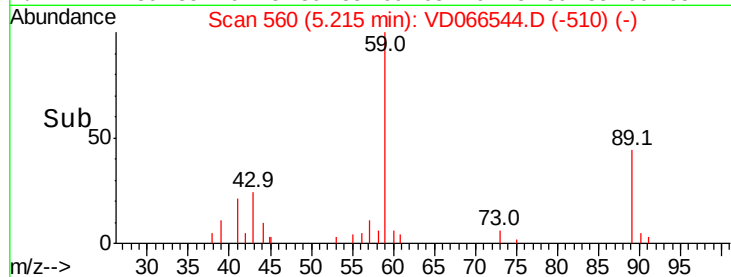
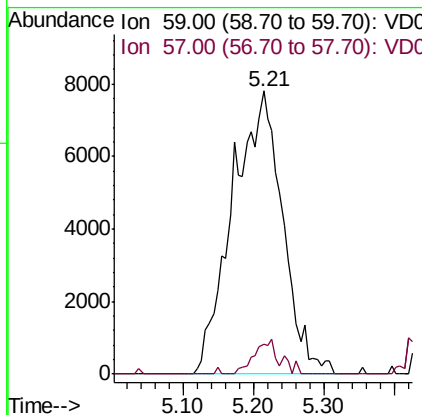
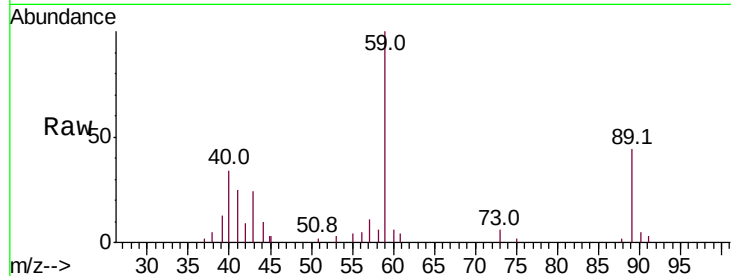


#11

Tert butyl alcohol
 Concen: 134.386 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

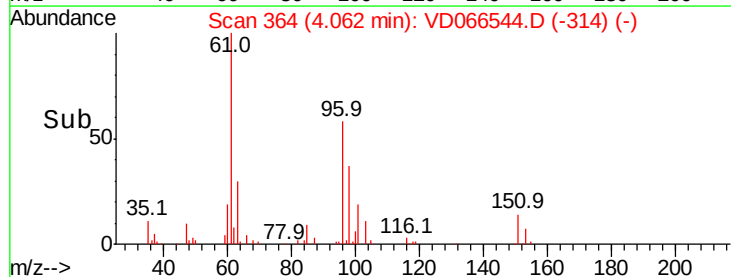
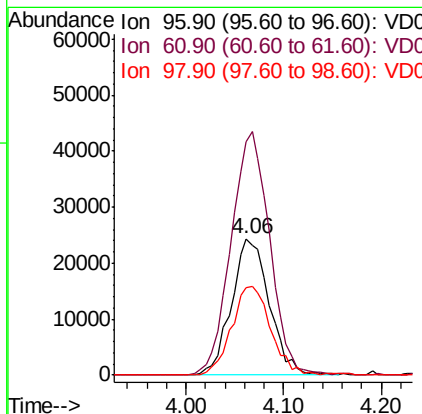
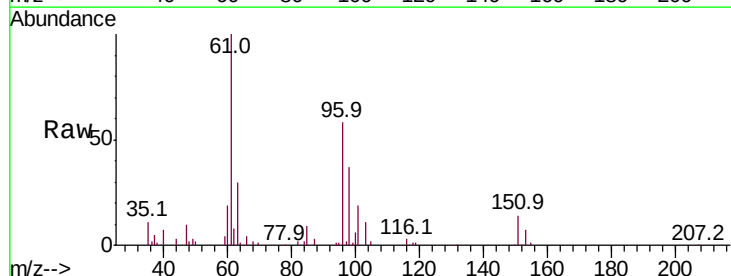
Tot Ion: 59 Resp: 38565
 Ion Ratio Lower Upper
 59 100
 57 5.1 7.6 11.4#

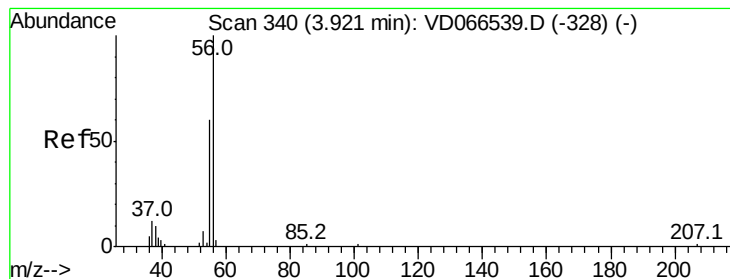


#12

1,1-Dichloroethene
 Concen: 19.875 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion: 96 Resp: 65669
 Ion Ratio Lower Upper
 96 100
 61 171.4 140.9 211.3
 98 63.7 53.2 79.8





#13

Acrolein

Concen: 117.530 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

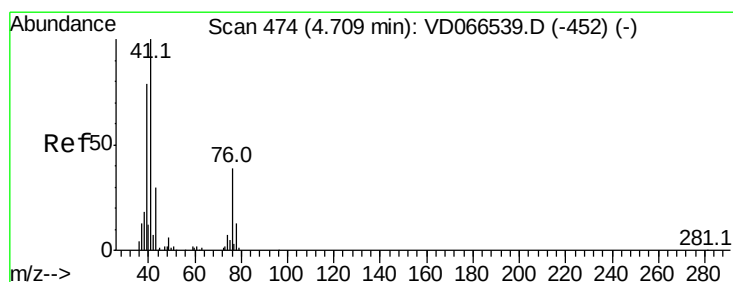
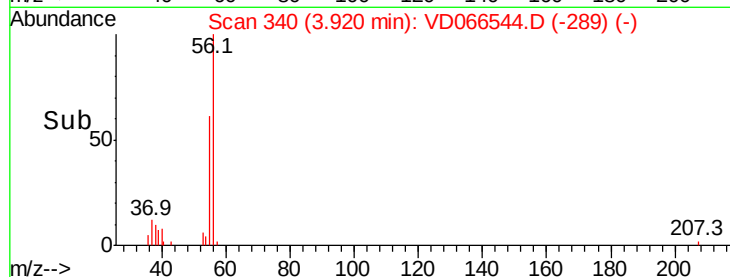
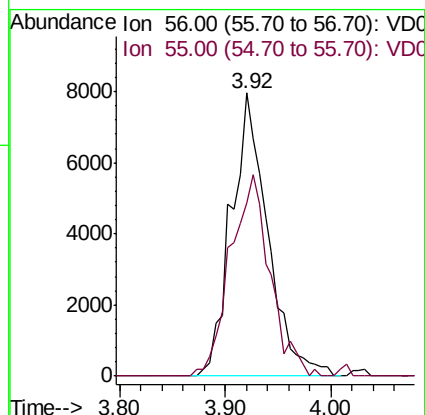
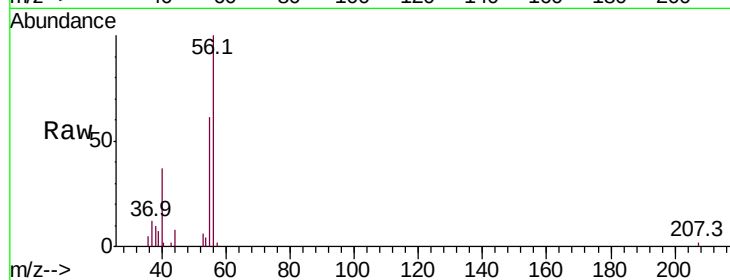
VD0903SBS01

Tot Ion: 56 Resp: 19068

Ion Ratio Lower Upper

56 100

55 77.3 53.6 80.4



#14

Allyl chloride

Concen: 20.209 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

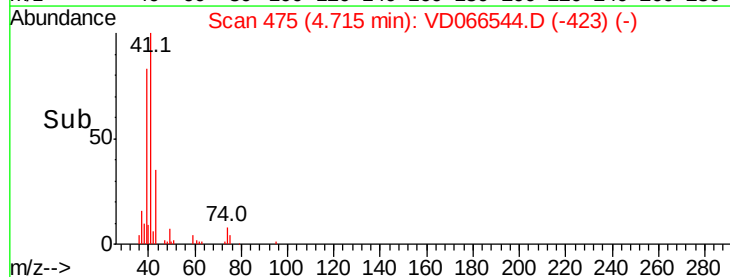
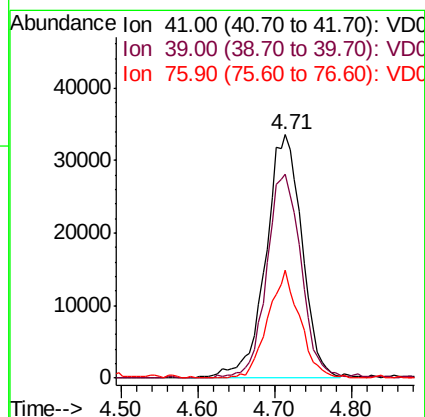
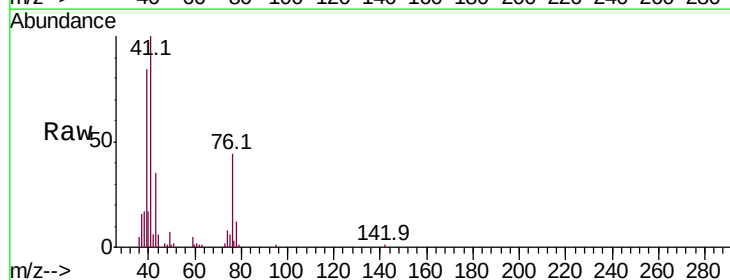
Tgt Ion: 41 Resp: 109431

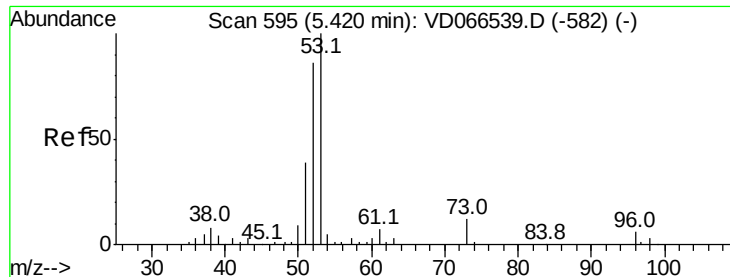
Ion Ratio Lower Upper

41 100

39 79.8 61.9 92.9

76 39.2 29.0 43.6





#15

Acrylonitrile

Concen: 105.797 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

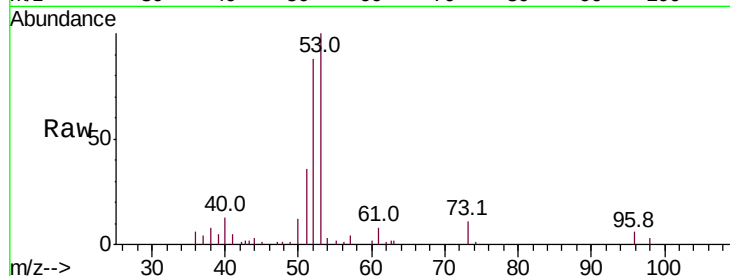
Tot Ion: 53 Resp: 77769

Ion Ratio Lower Upper

53 100

52 84.8 65.4 98.2

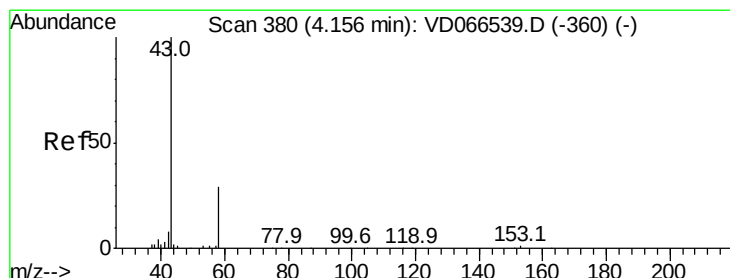
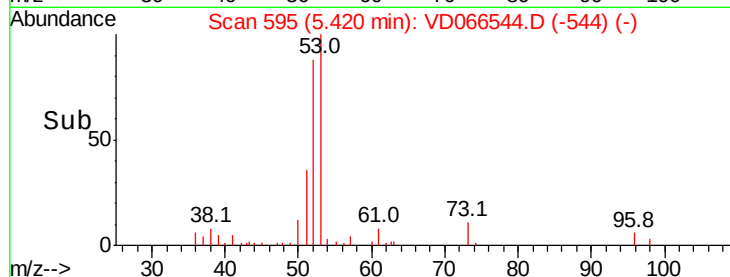
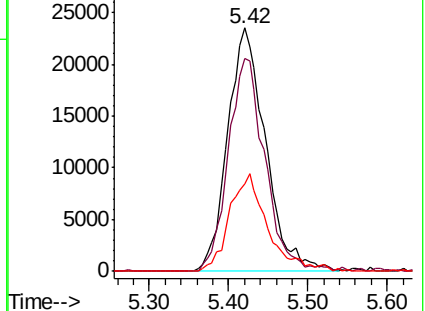
51 40.1 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 91.937 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066544.D

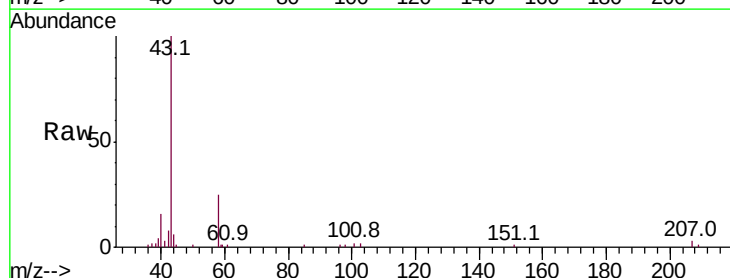
Acq: 03 Sep 2020 20:01

Tgt Ion: 43 Resp: 67121

Ion Ratio Lower Upper

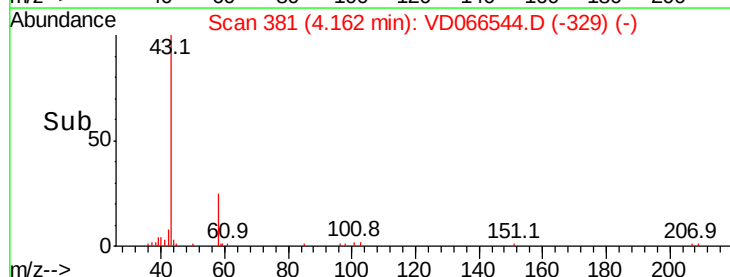
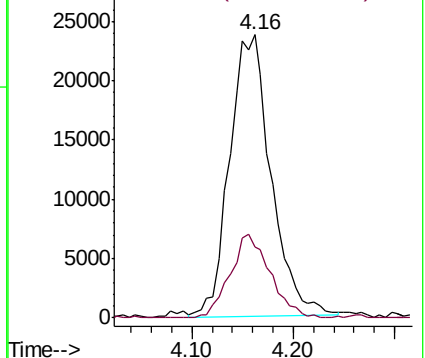
43 100

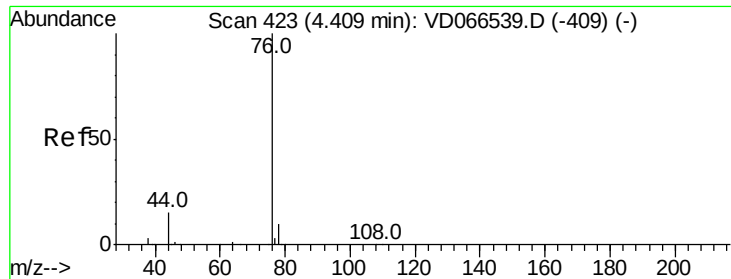
58 25.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

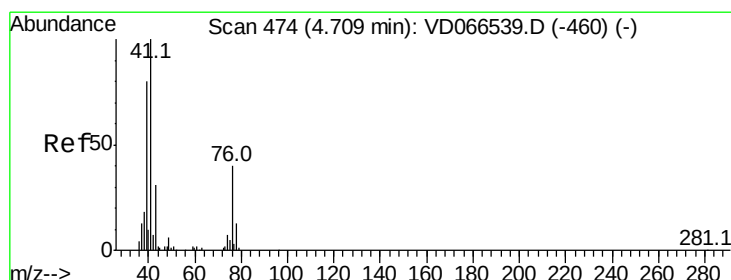
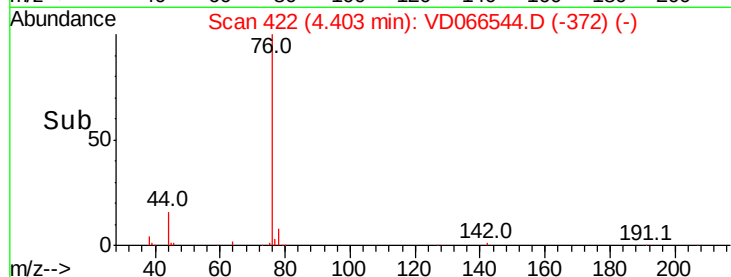
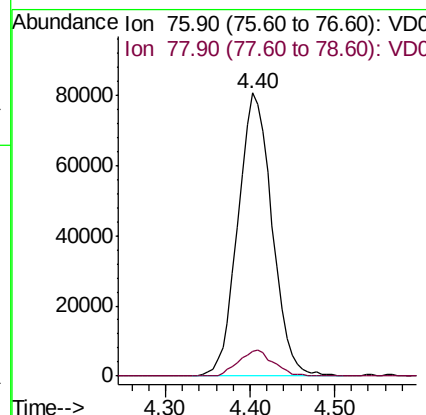
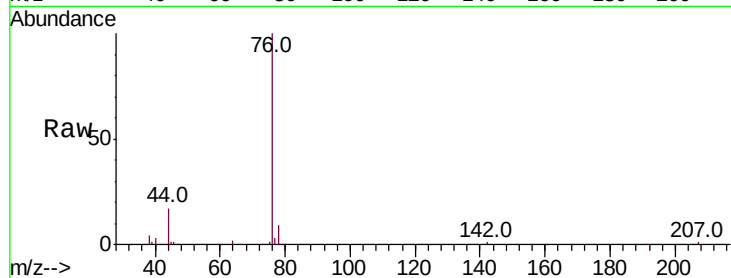




#17
Carbon Disulfide
Concen: 20.754 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

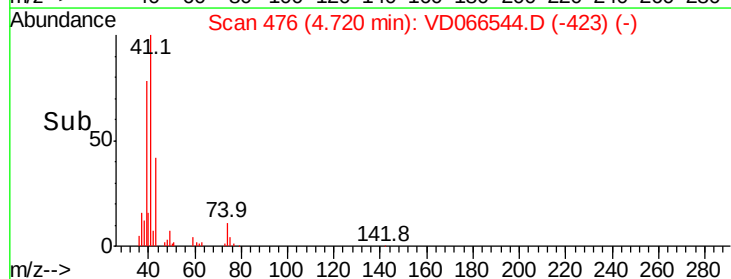
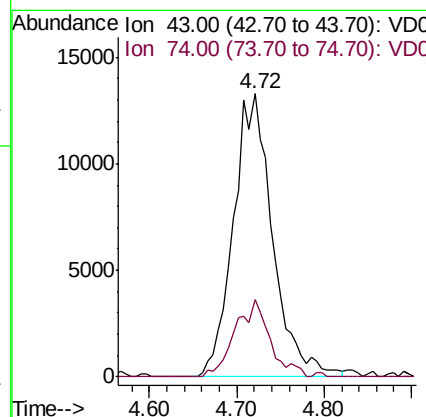
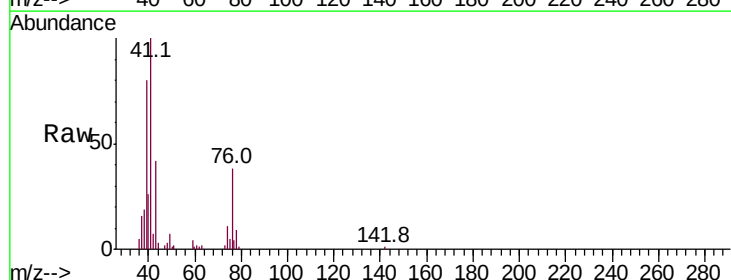
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

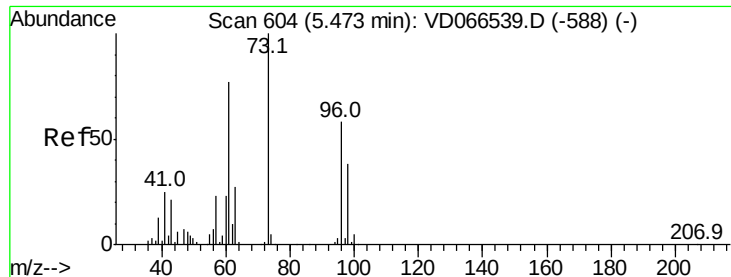
Tot Ion: 76 Resp: 225429
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 23.338 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 43 Resp: 40616
Ion Ratio Lower Upper
43 100
74 24.2 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 21.133 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

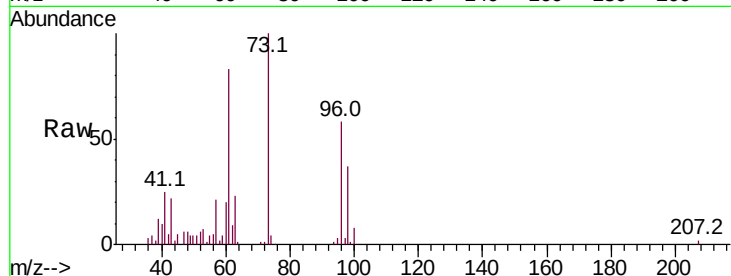
VD0903SBS01

Tot Ion: 73 Resp: 163741

Ion Ratio Lower Upper

73 100

57 20.8 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.47

50000

40000

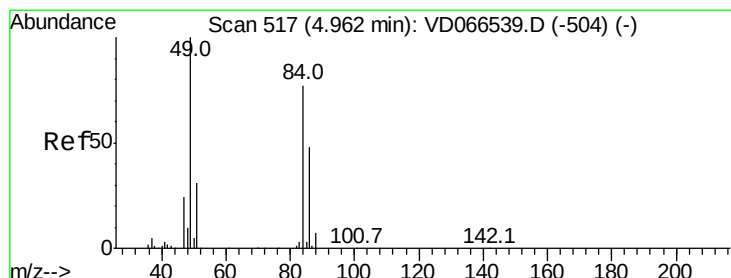
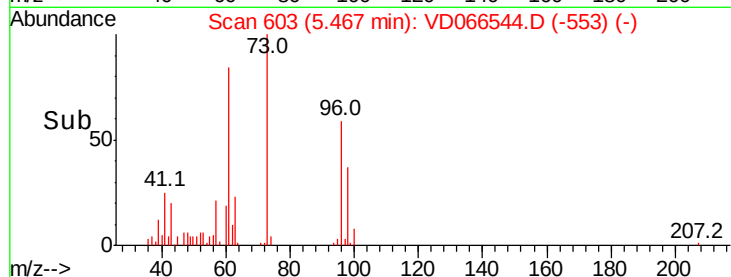
30000

20000

10000

0

Time--> 5.30 5.40 5.50 5.60



#20

Methylene Chloride

Concen: 20.141 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Tgt Ion: 84 Resp: 95860

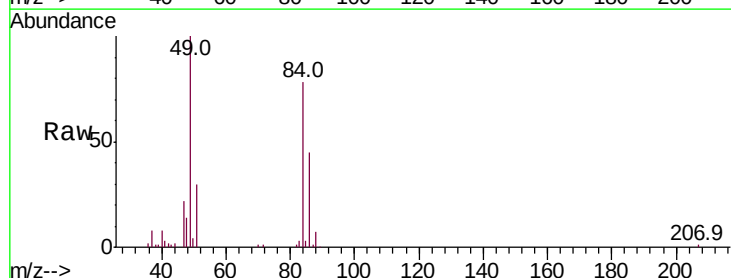
Ion Ratio Lower Upper

84 100

49 129.0 104.3 156.5

51 38.1 32.2 48.4

86 58.3 50.0 75.0



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

60000

50000

40000

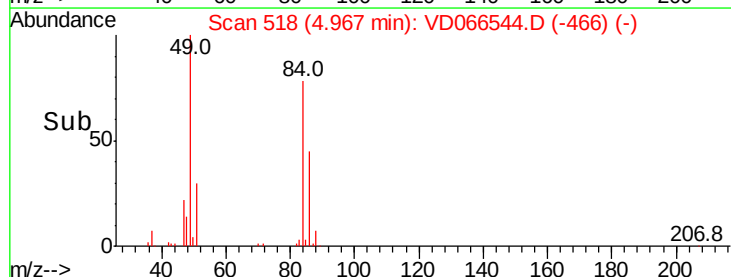
30000

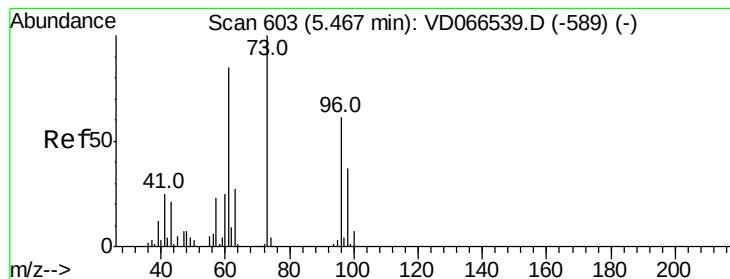
20000

10000

0

Time--> 4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 20.347 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

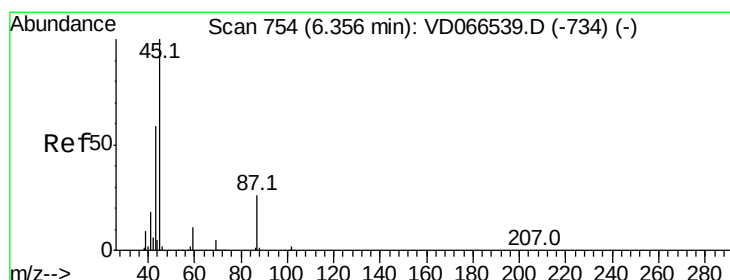
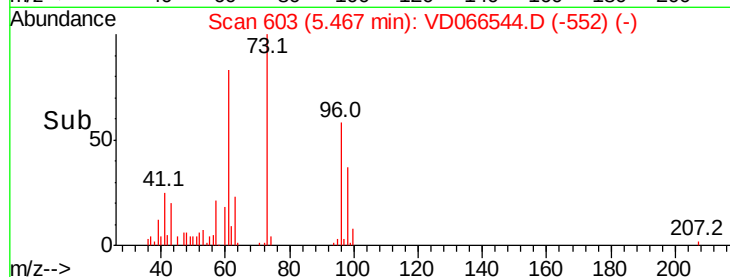
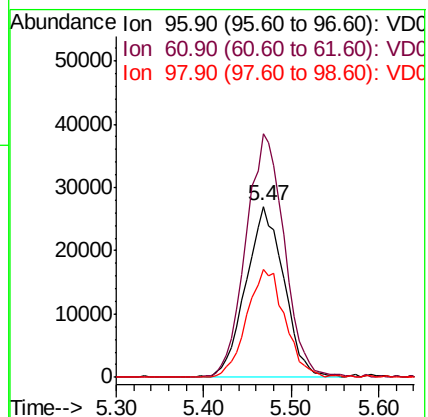
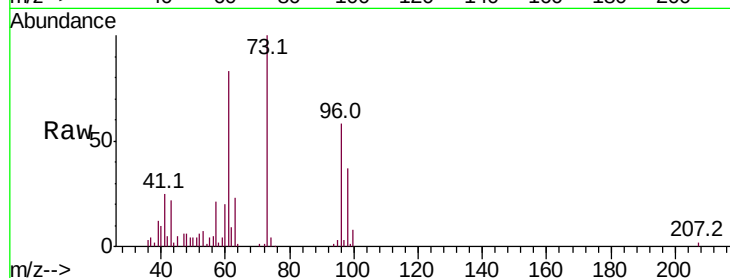
Tot Ion: 96 Resp: 79835

Ion Ratio Lower Upper

96 100

61 142.5 112.1 168.1

98 63.0 48.6 72.8



#22

Diisopropyl ether

Concen: 21.986 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Tgt Ion: 45 Resp: 244828

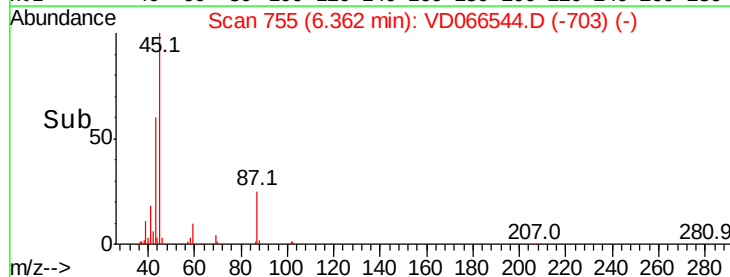
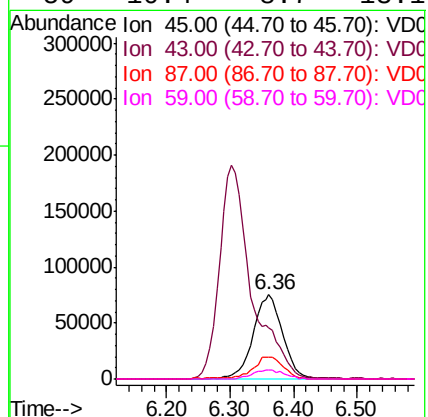
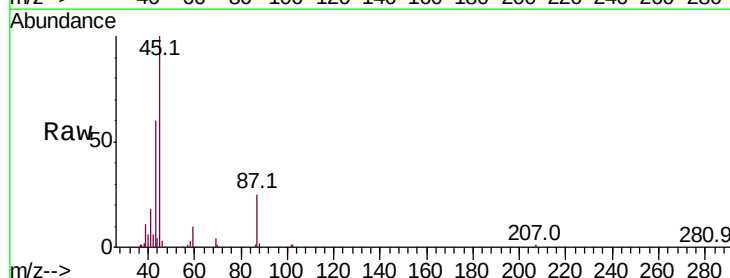
Ion Ratio Lower Upper

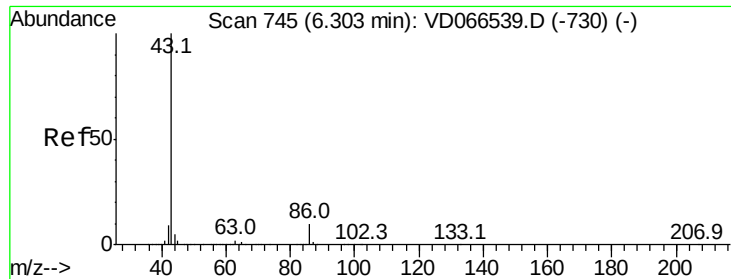
45 100

43 59.2 47.0 70.4

87 25.1 21.3 31.9

59 10.4 8.7 13.1





#23

Vinyl Acetate

Concen: 106.424 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

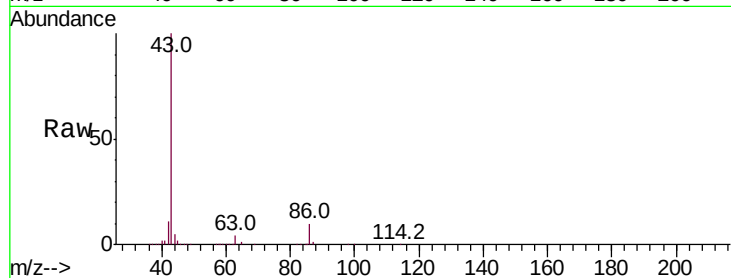
VD0903SBS01

Tot Ion: 43 Resp: 674399

Ion Ratio Lower Upper

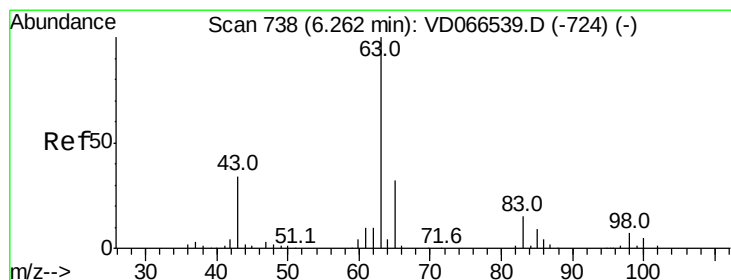
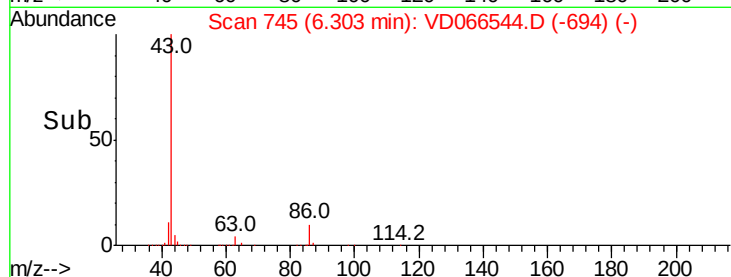
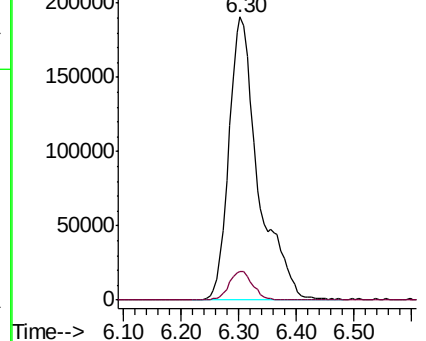
43 100

86 10.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.664 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

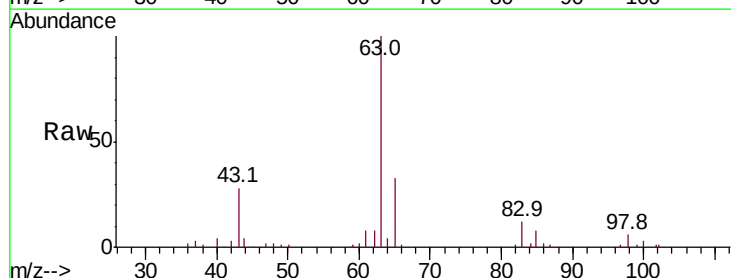
Tgt Ion: 63 Resp: 151702

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

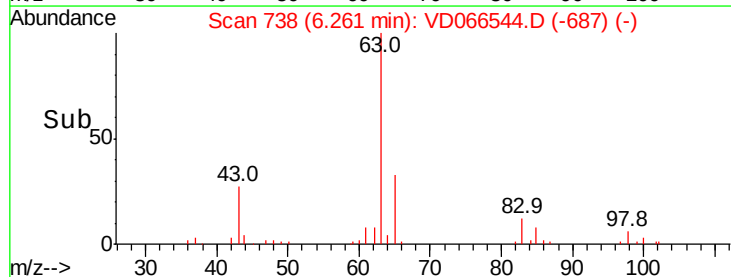
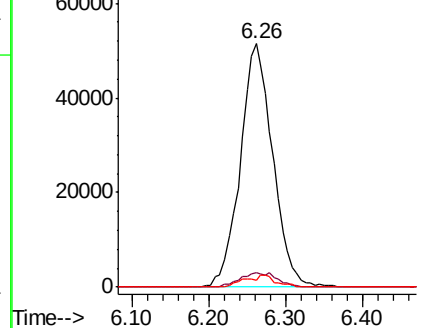
100 2.7 2.5 7.4

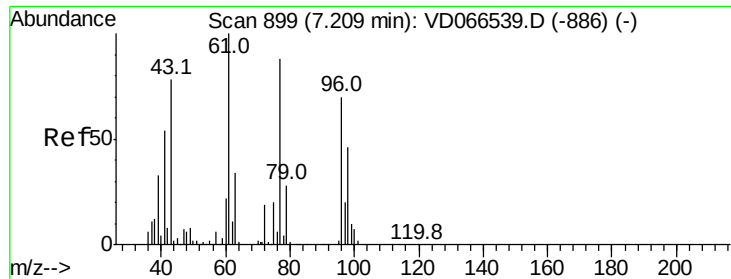


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 103.119 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

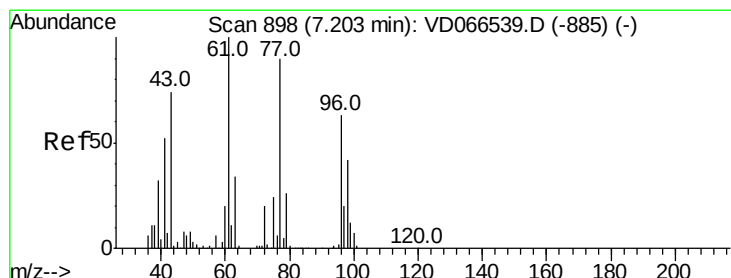
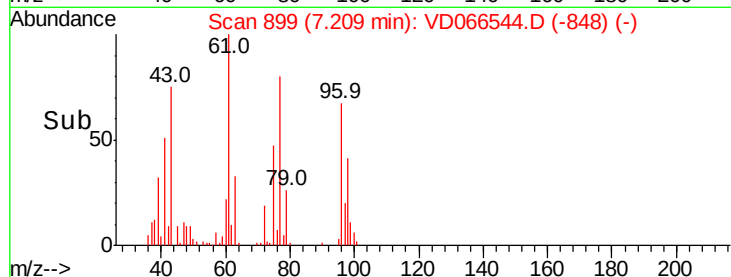
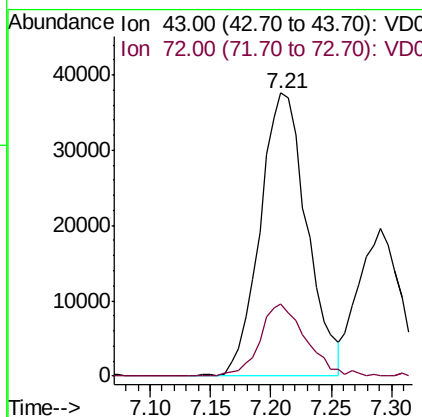
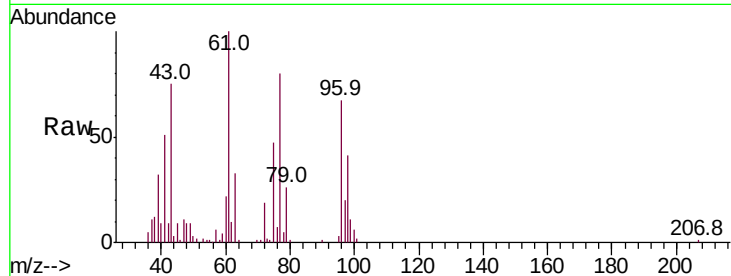
VD0903SBS01

Tot Ion: 43 Resp: 101062

Ion Ratio Lower Upper

43 100

72 25.3 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.006 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066544.D

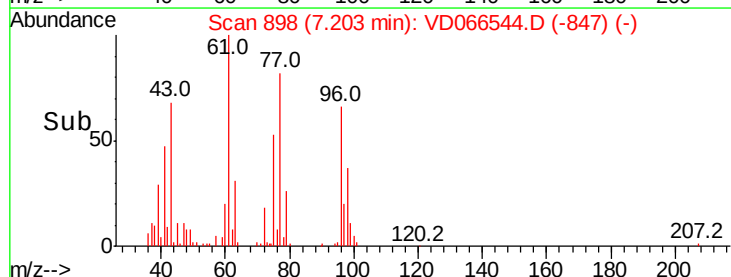
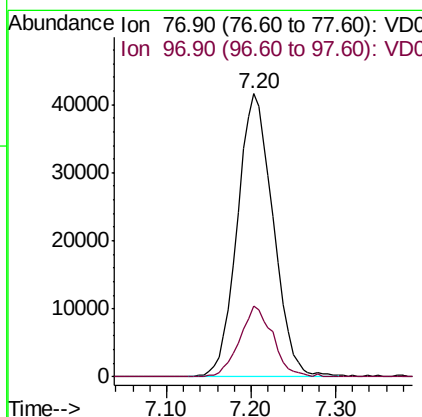
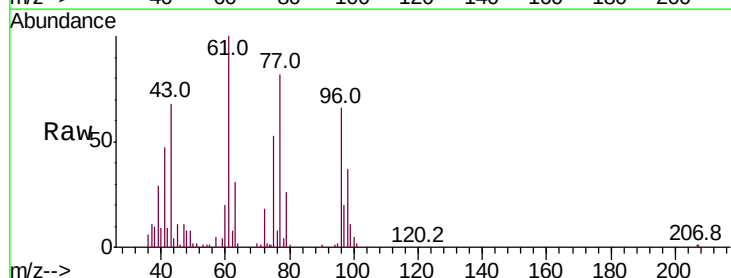
Acq: 03 Sep 2020 20:01

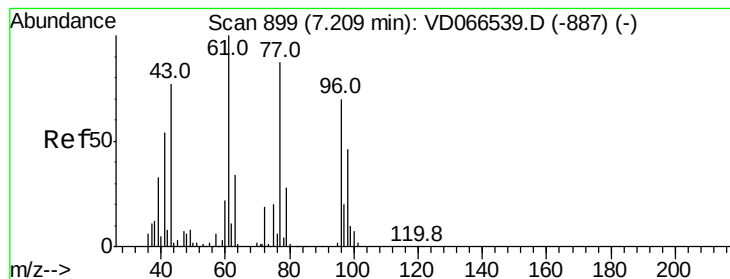
Tgt Ion: 77 Resp: 122082

Ion Ratio Lower Upper

77 100

97 23.3 10.8 32.3



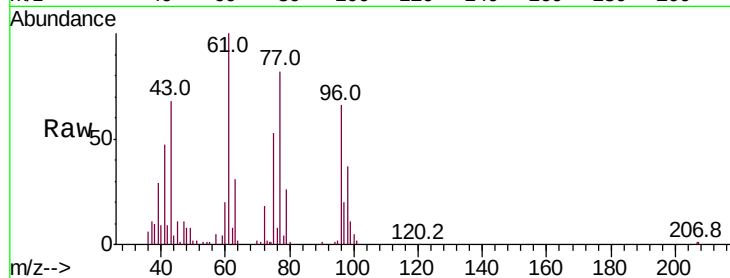


#27

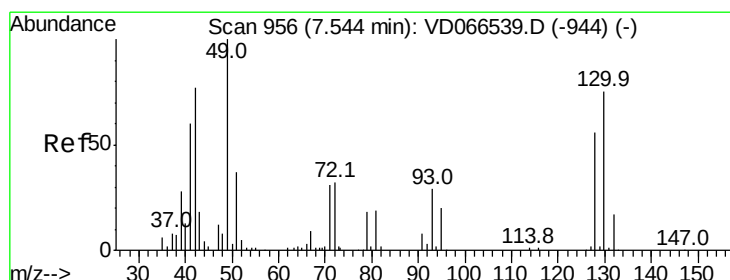
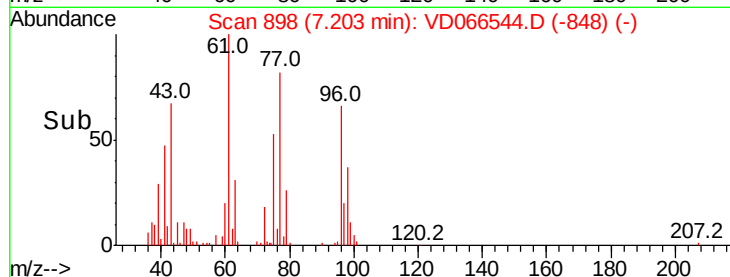
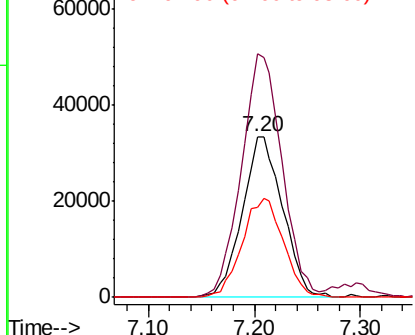
cis-1,2-Dichloroethene
Concen: 21.007 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

Tot Ion	96	Resp	88638
Ion Ratio	Lower	Upper	
96	100		
61	152.7	0.0	301.0
98	63.2	0.0	129.8



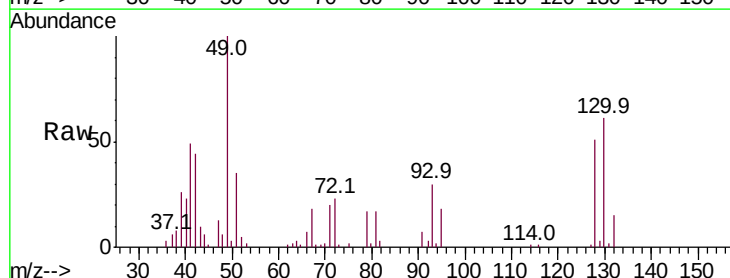
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



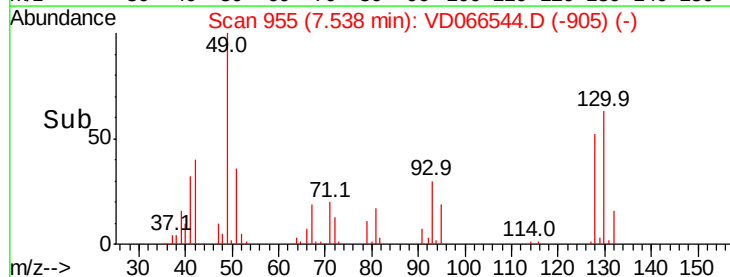
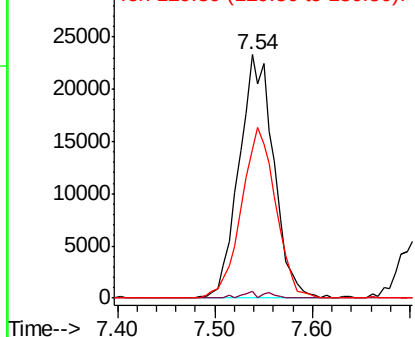
#28

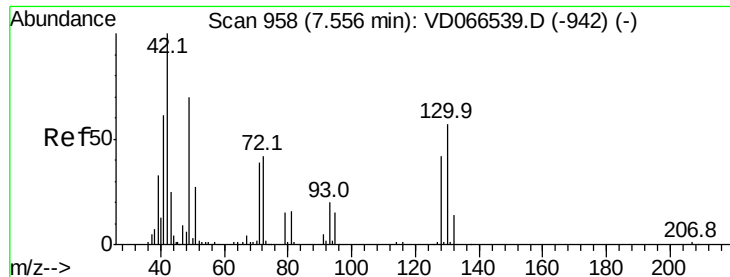
Bromochloromethane
Concen: 21.469 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion	49	Resp	57880
Ion Ratio	Lower	Upper	
49	100		
129	1.0	0.0	2.6
130	69.6	58.2	87.2



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

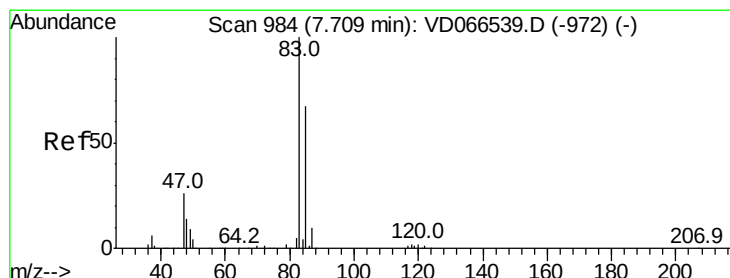
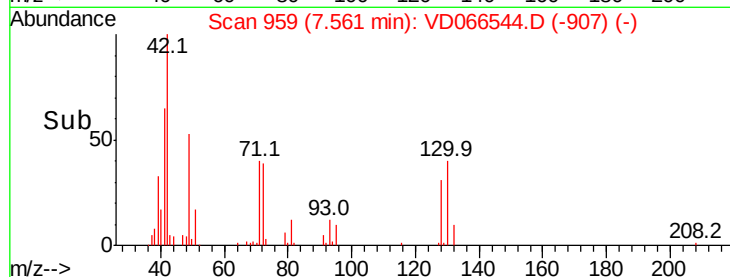
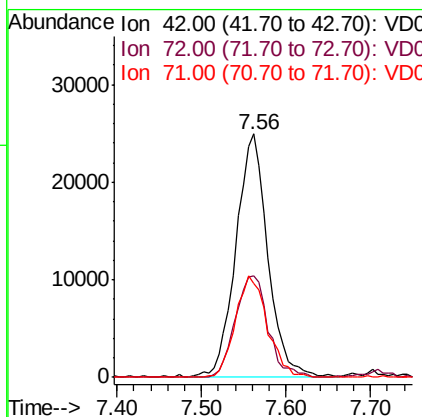
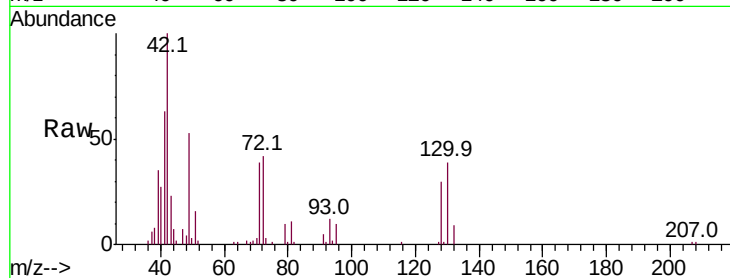




#29
Tetrahydrofuran
Concen: 107.111 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

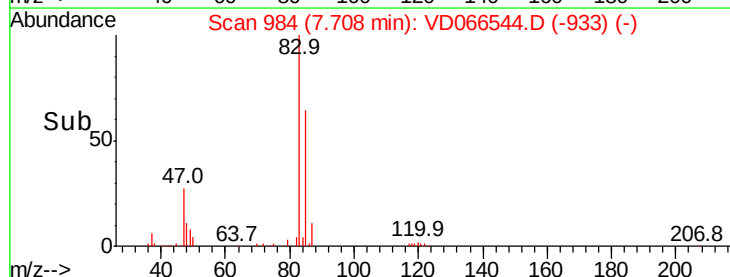
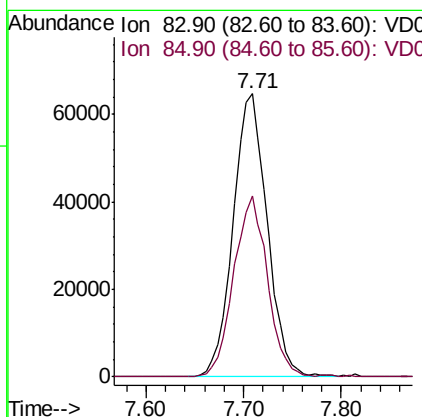
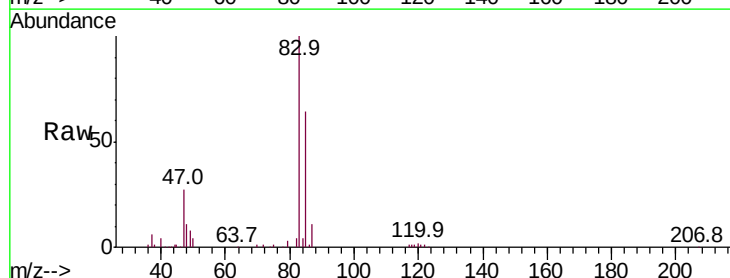
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

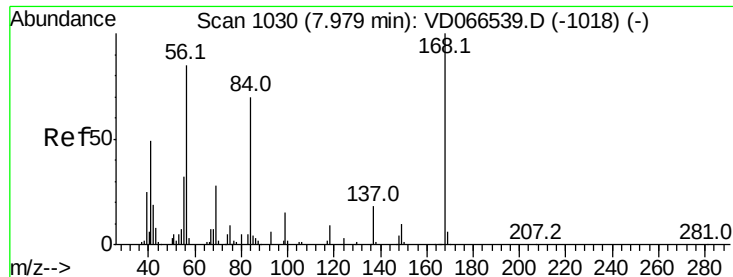
Tot Ion: 42 Resp: 65377
Ion Ratio Lower Upper
42 100
72 42.6 33.4 50.0
71 41.4 31.9 47.9



#30
Chloroform
Concen: 21.271 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 83 Resp: 157585
Ion Ratio Lower Upper
83 100
85 64.2 53.6 80.4

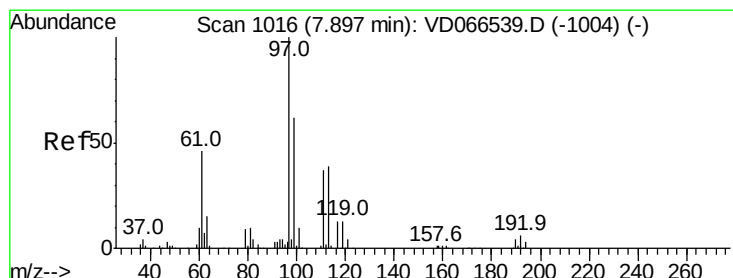
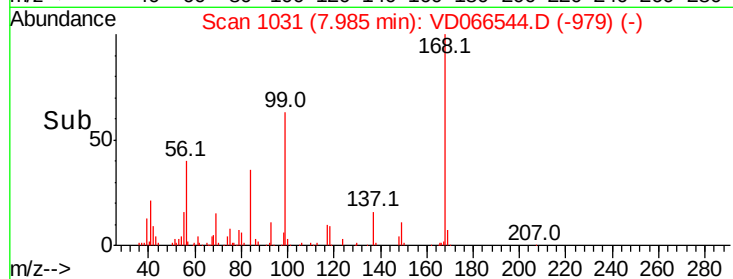
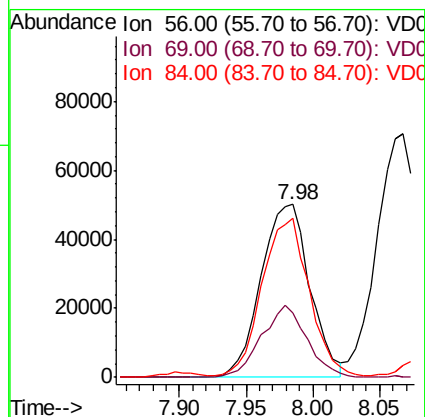
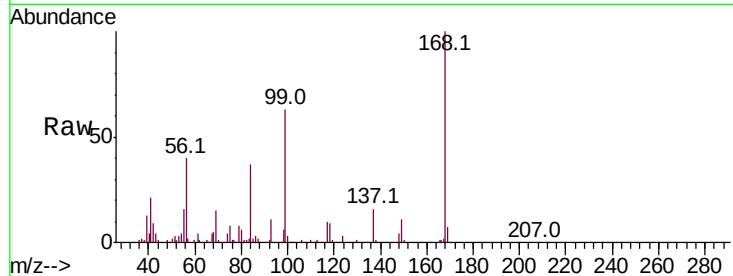




#31
Cyclohexane
Concen: 19.713 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

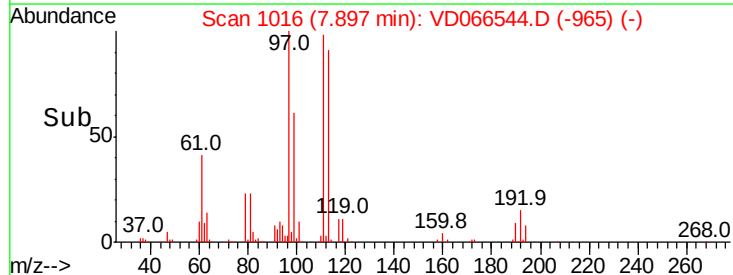
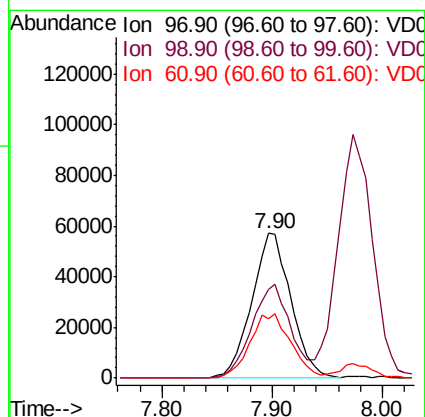
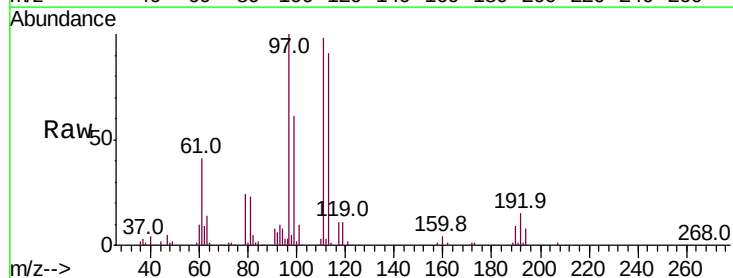
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

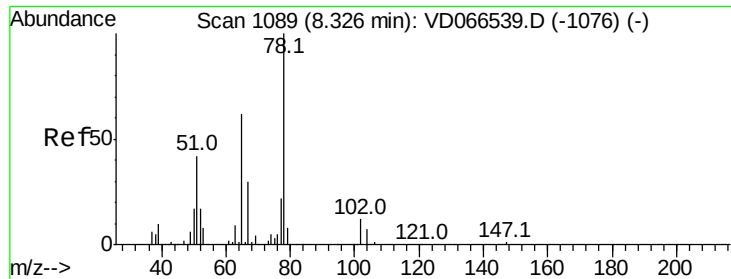
Tot Ion: 56 Resp: 127609
Ion Ratio Lower Upper
56 100
69 37.5 26.3 39.5
84 89.4 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 97 Resp: 141925
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 46.6 37.4 56.0

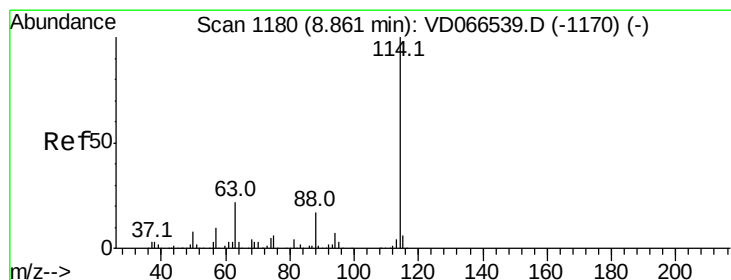
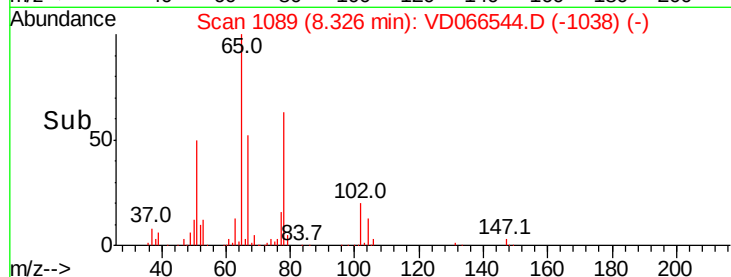
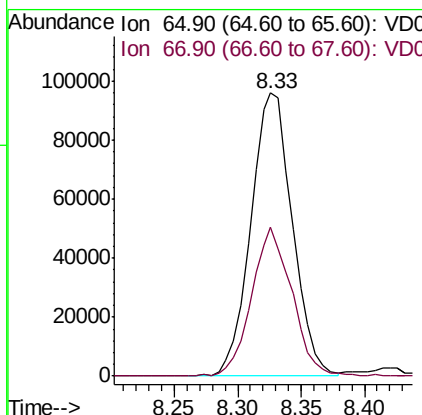
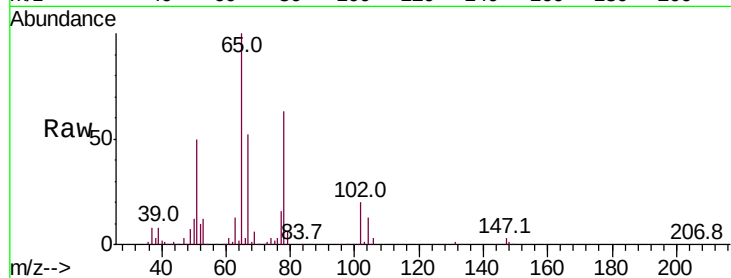




#33
 1,2-Dichloroethane-d4
 Concen: 55.108 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

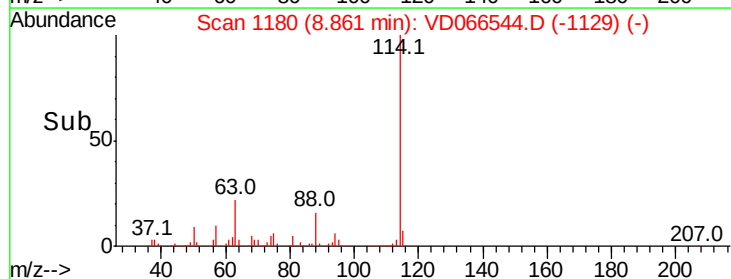
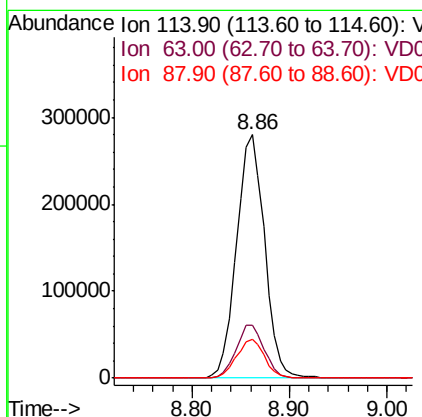
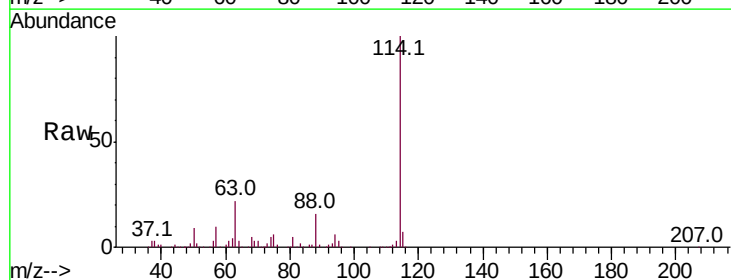
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

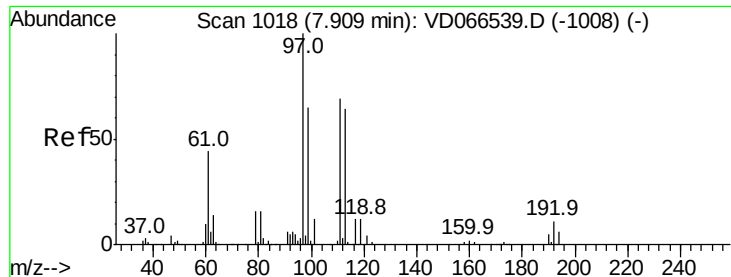
Tot Ion: 65 Resp: 218660
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion: 114 Resp: 562413
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.9 0.0 33.2

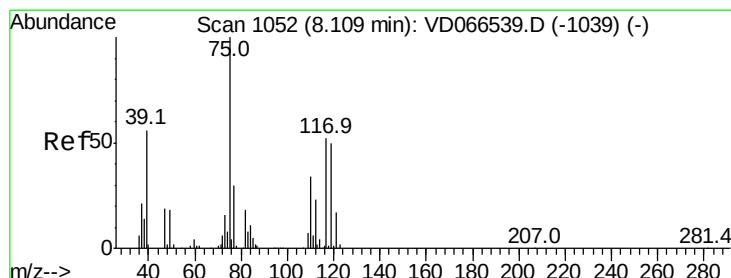
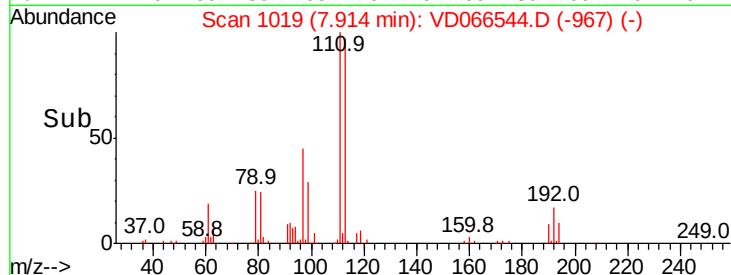
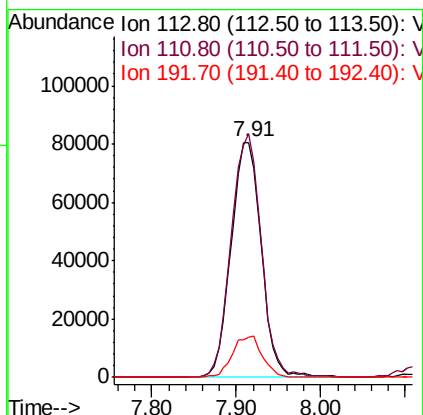
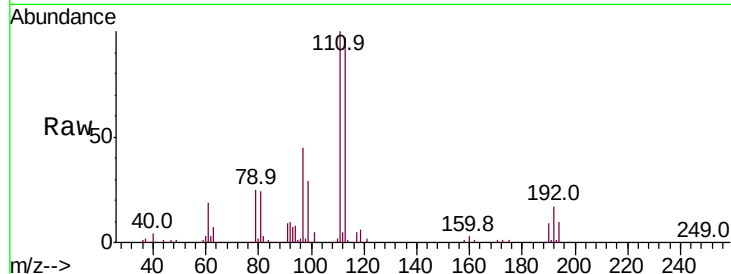




#35
 Dibromofluoromethane
 Concen: 52.415 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

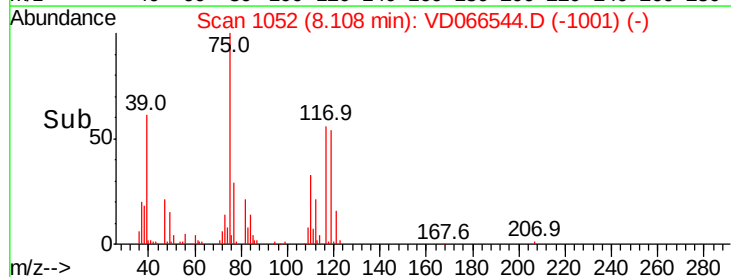
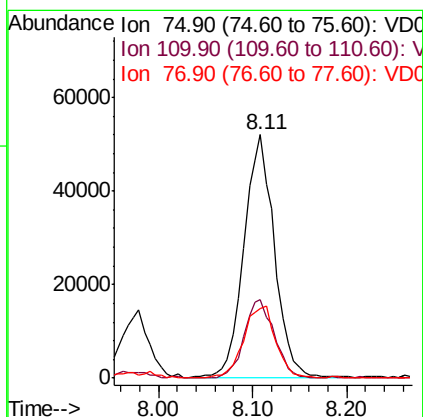
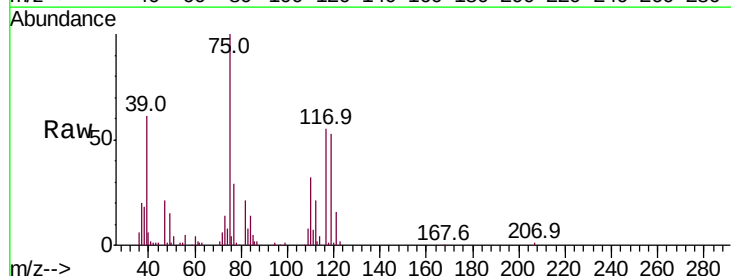
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

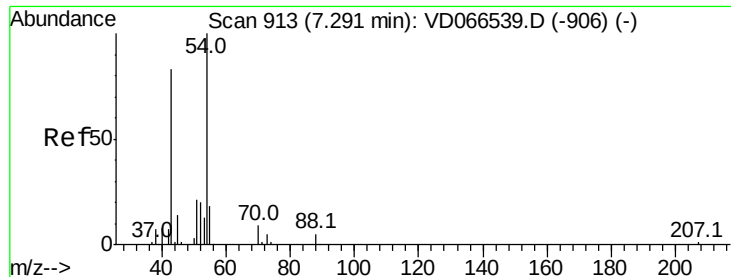
Tot Ion:113 Resp: 198868
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.2 124.8
 192 17.5 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 20.052 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion: 75 Resp: 117366
 Ion Ratio Lower Upper
 75 100
 110 31.7 17.3 52.0
 77 31.3 25.1 37.7

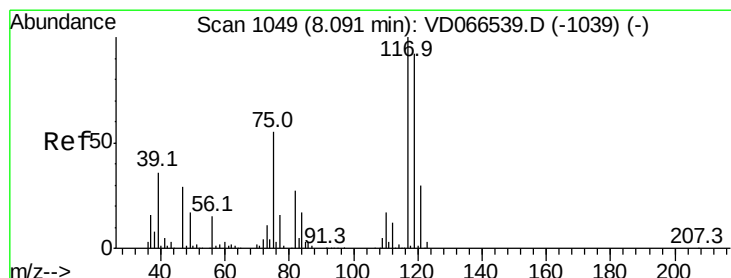
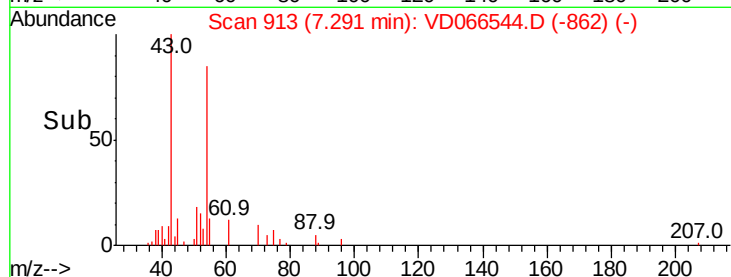
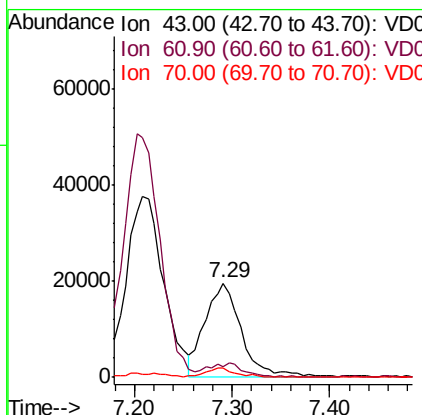
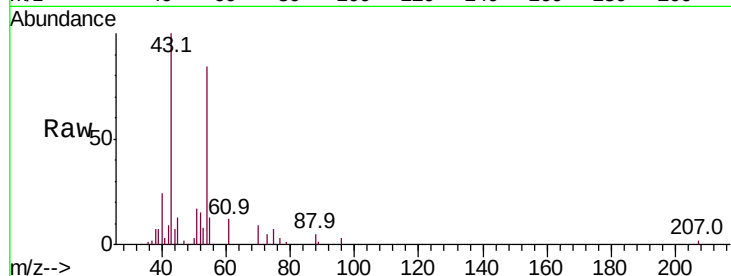




#37
Ethyl Acetate
Concen: 21.913 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

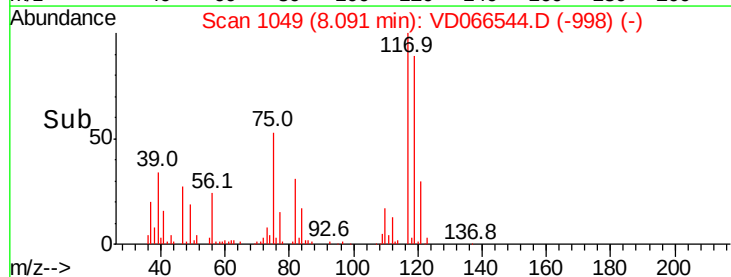
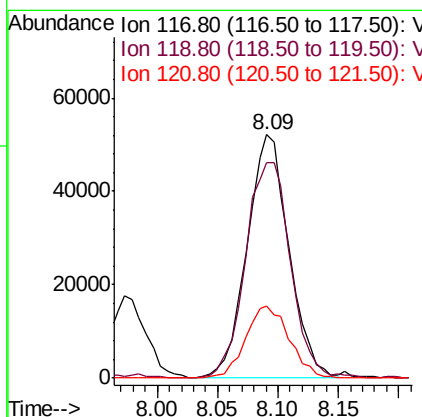
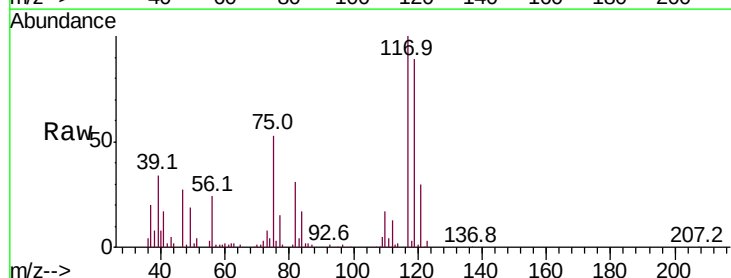
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

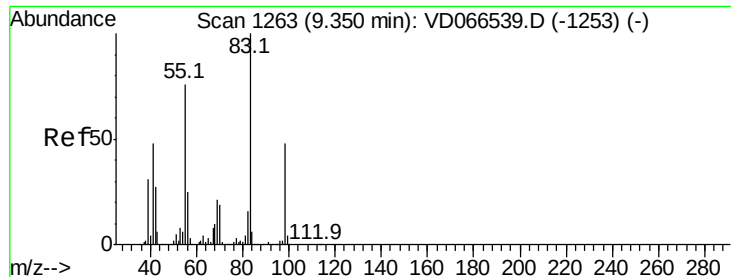
Tot Ion: 43 Resp: 51072
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.8
70 8.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.094 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 117 Resp: 124316
Ion Ratio Lower Upper
117 100
119 88.9 73.9 110.9
121 29.8 24.1 36.1

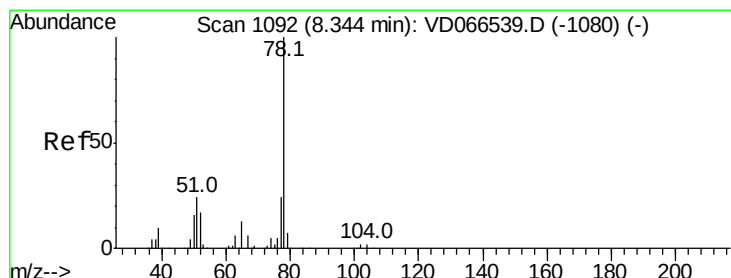
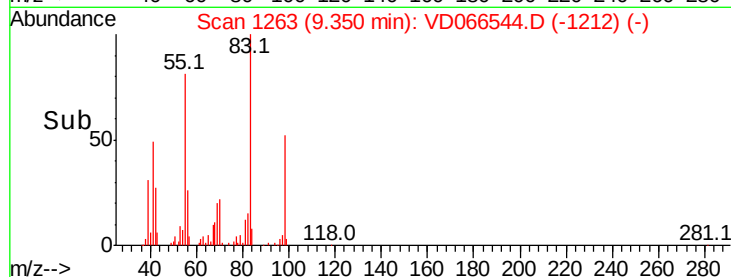
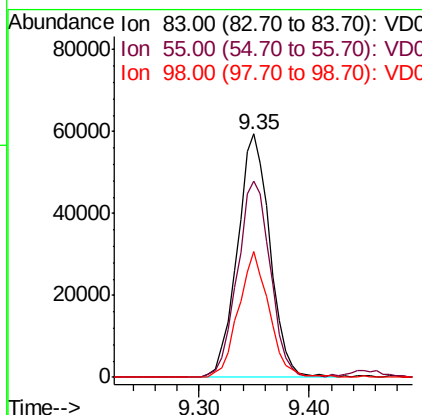
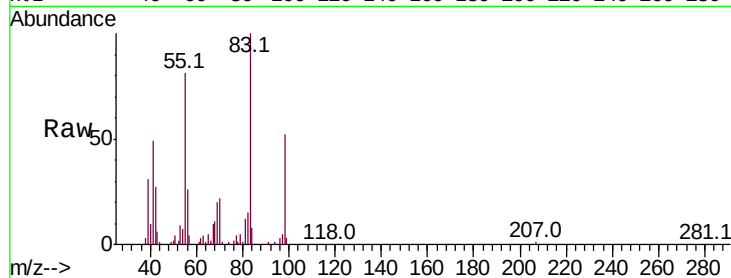




#39
Methylvlcyclohexane
Concen: 18.858 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

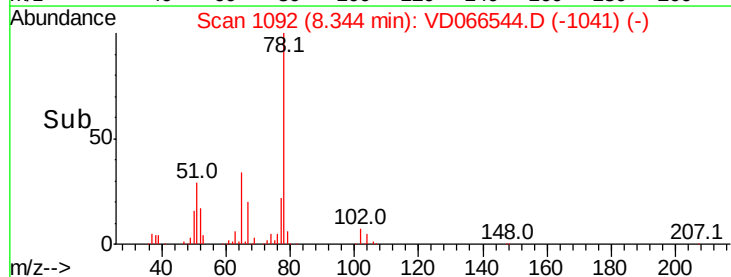
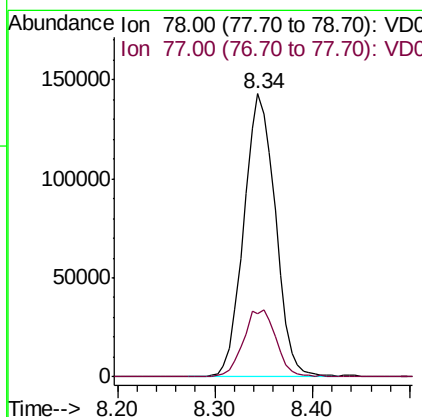
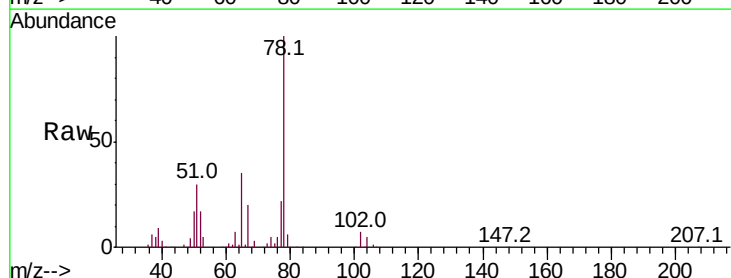
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

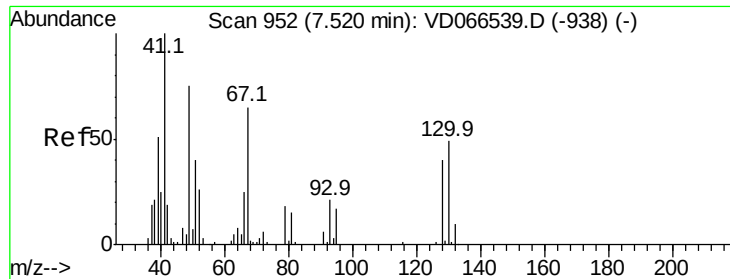
Tot Ion: 83 Resp: 123250
Ion Ratio Lower Upper
83 100
55 80.8 60.8 91.2
98 51.5 38.6 58.0



#40
Benzene
Concen: 20.124 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 78 Resp: 322594
Ion Ratio Lower Upper
78 100
77 22.4 19.1 28.7

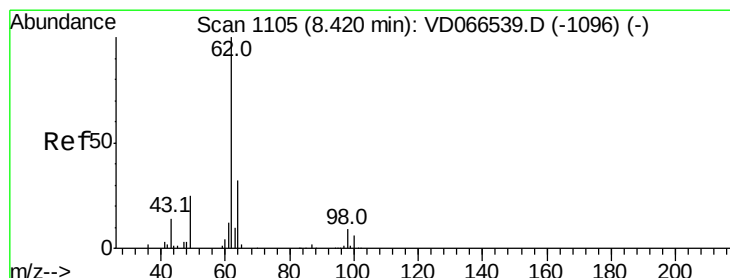
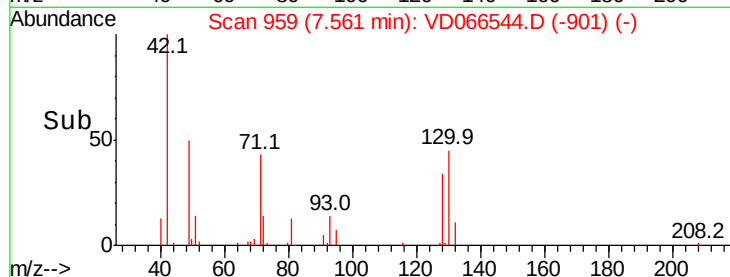
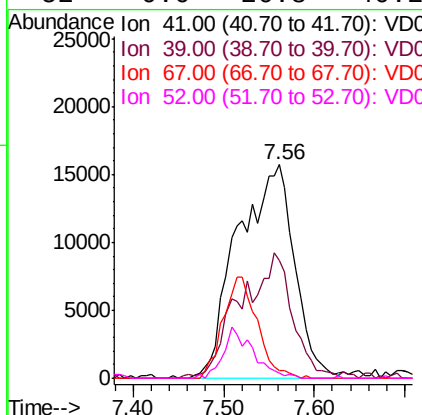
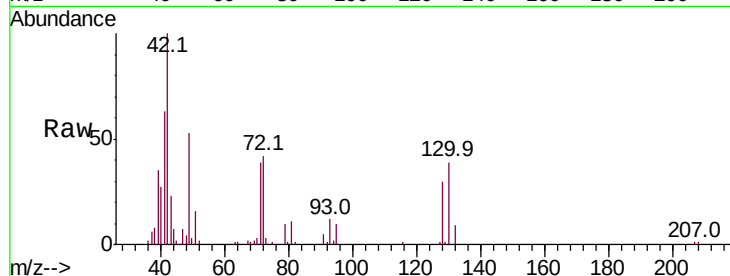




#41
Methacrylonitrile
Concen: 60.562 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

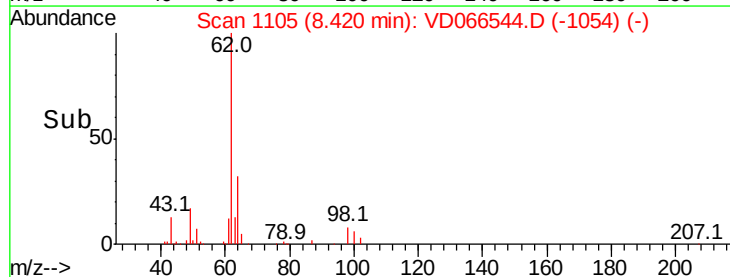
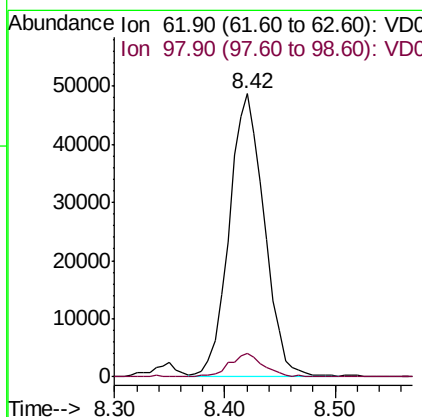
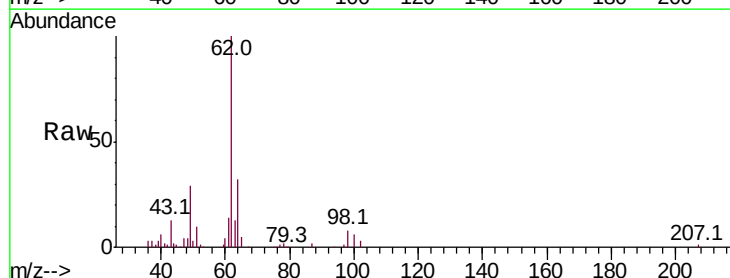
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

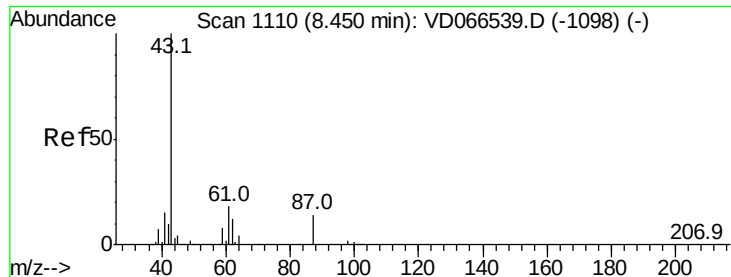
Tot Ion: 41 Resp: 68324
Ion Ratio Lower Upper
41 100
39 29.6 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 20.889 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 62 Resp: 108494
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 20.728 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

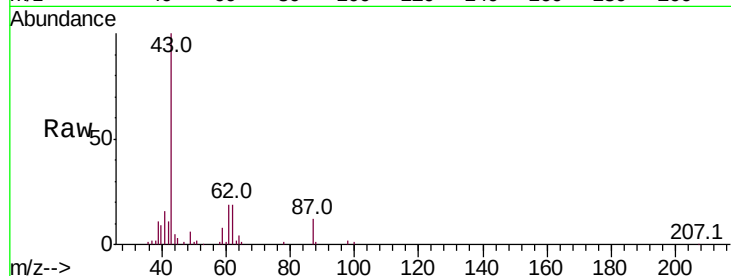
Tot Ion: 43 Resp: 92582

Ion Ratio Lower Upper

43 100

61 30.3 23.8 35.8

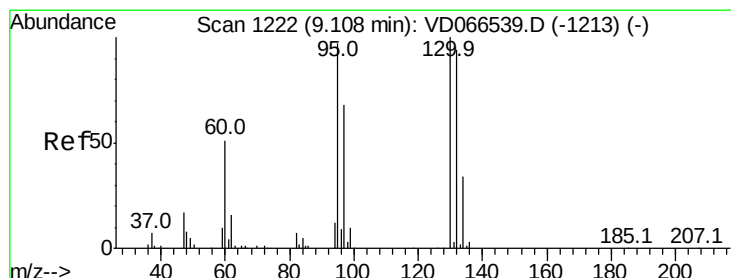
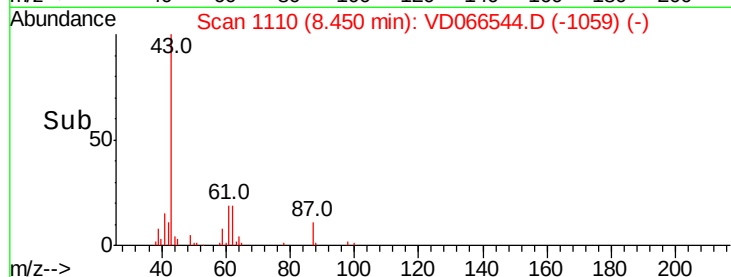
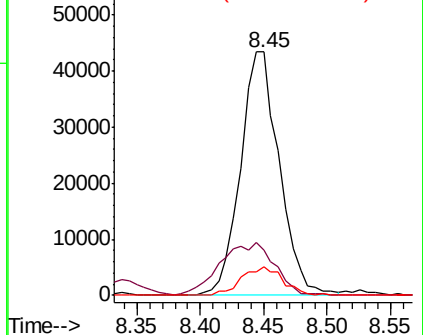
87 12.5 10.7 16.1



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: 20.394 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066544.D

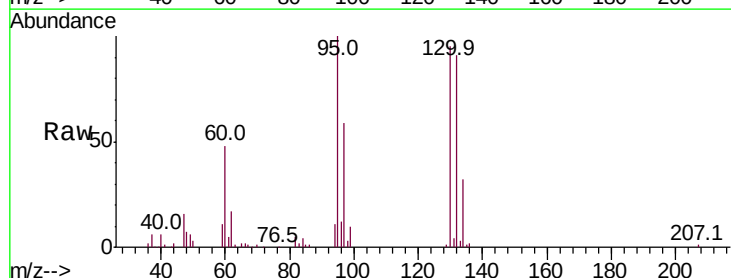
Acq: 03 Sep 2020 20:01

Tgt Ion:130 Resp: 85755

Ion Ratio Lower Upper

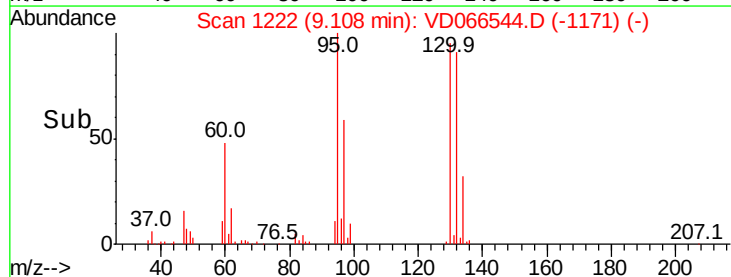
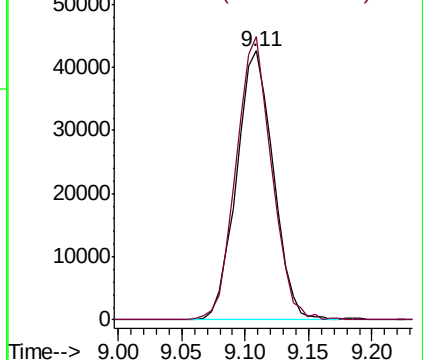
130 100

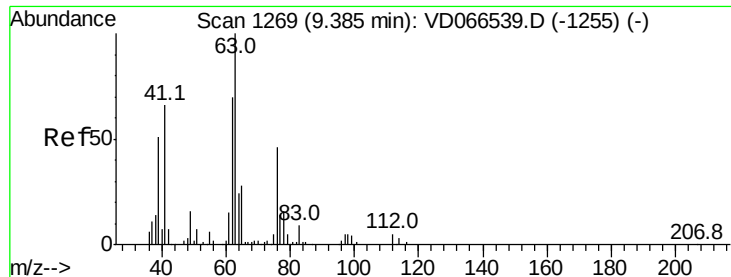
95 105.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.303 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

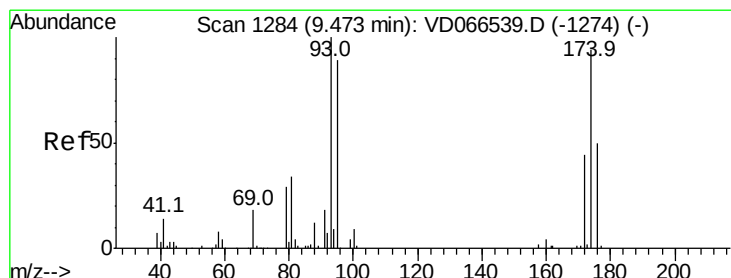
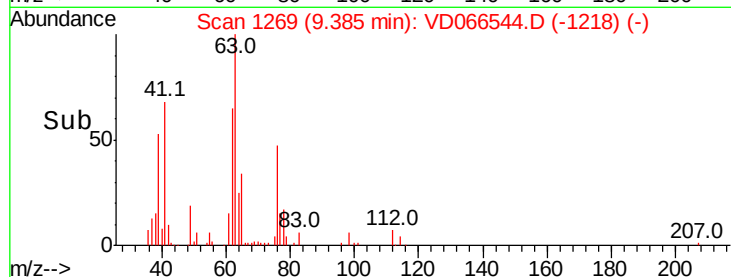
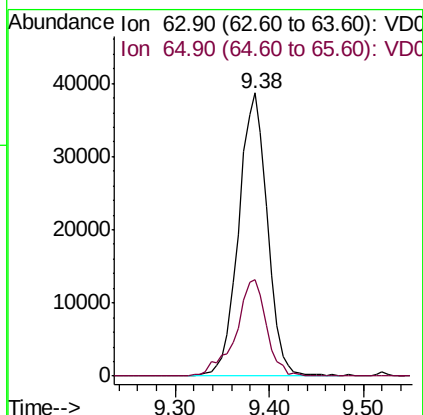
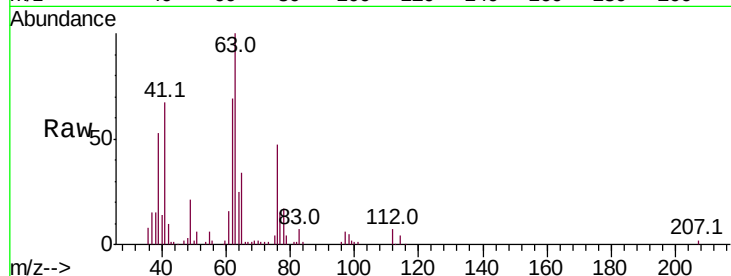
VD0903SBS01

Tot Ion: 63 Resp: 81846

Ion Ratio Lower Upper

63 100

65 33.9 22.6 34.0



#46

Dibromomethane

Concen: 20.470 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

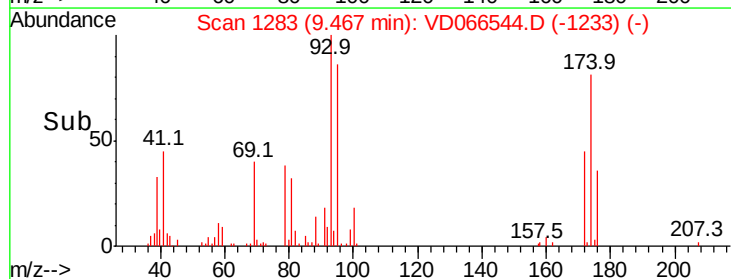
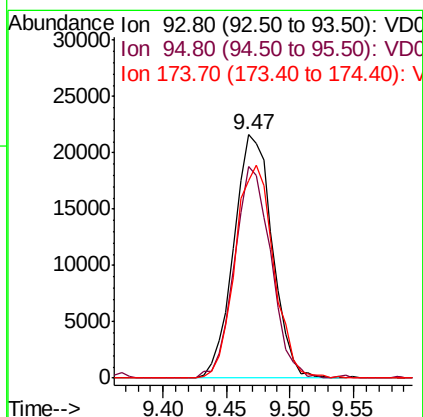
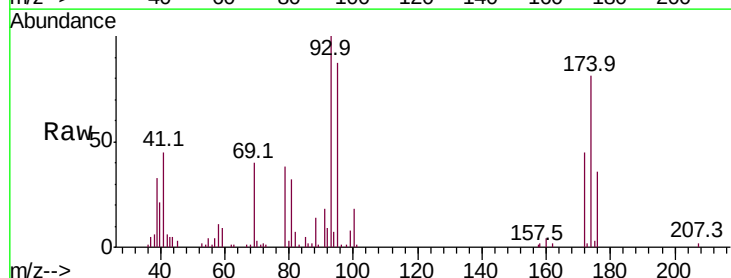
Tgt Ion: 93 Resp: 45527

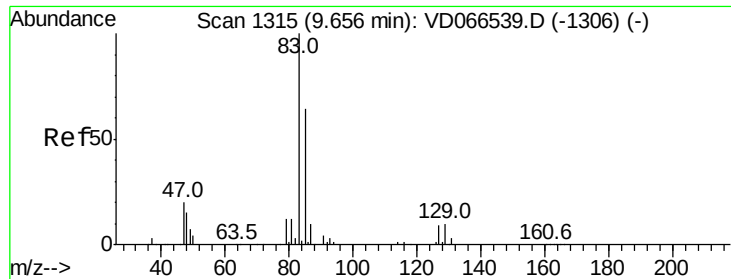
Ion Ratio Lower Upper

93 100

95 82.5 68.7 103.1

174 87.6 70.0 105.0

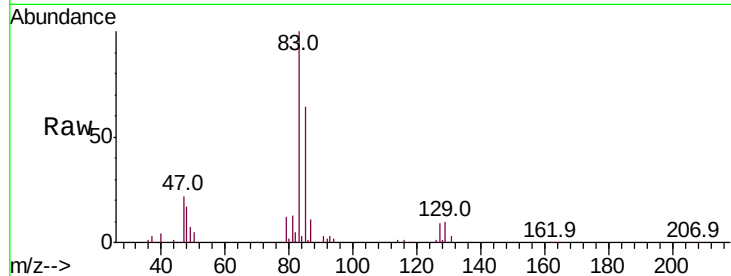




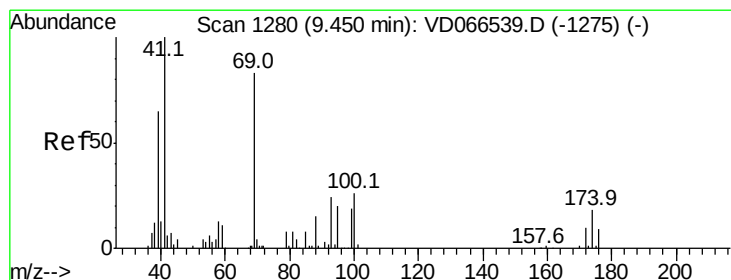
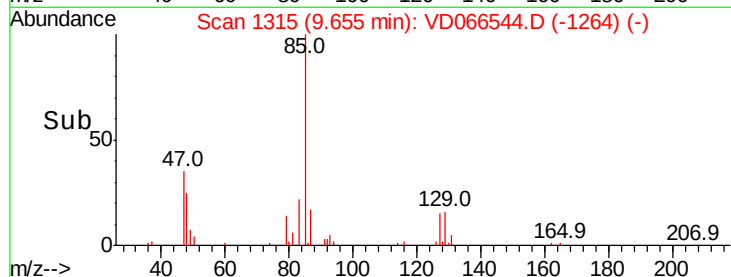
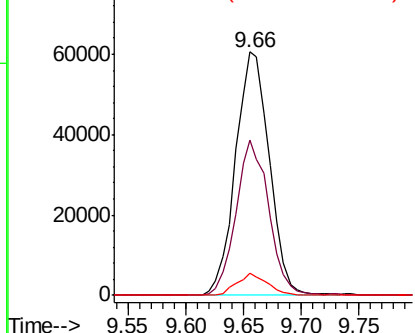
#47
 Bromodichloromethane
 Concen: 20.485 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

Tot Ion: 83 Resp: 123263
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.1 76.7
 127 9.2 6.9 10.3

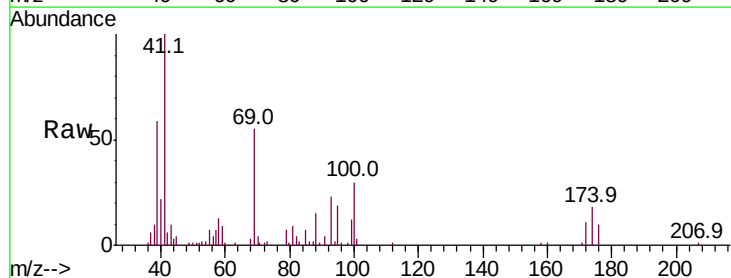


Abundance Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 126.80 (126.50 to 127.50): V

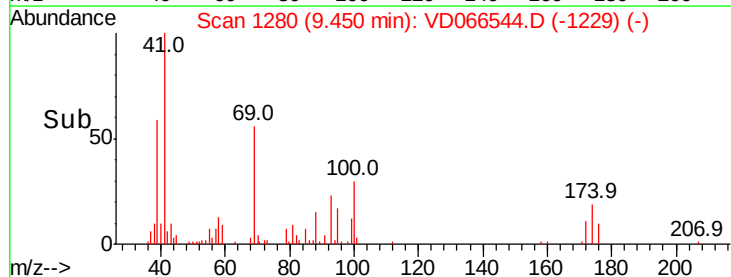
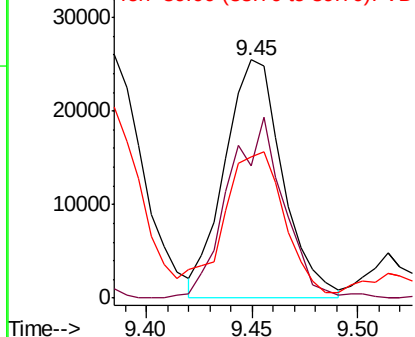


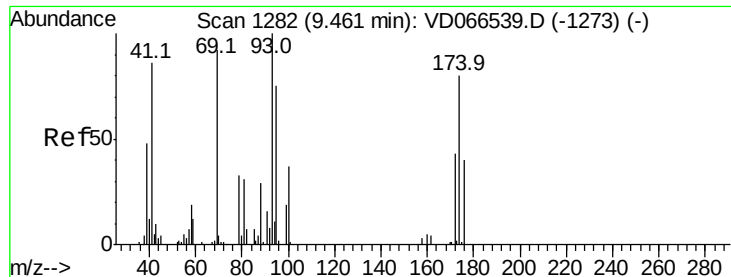
#48
 Methyl methacrylate
 Concen: 21.526 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion: 41 Resp: 48617
 Ion Ratio Lower Upper
 41 100
 69 72.6 64.5 96.7
 39 65.0 46.6 69.8



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





#49

1,4-Dioxane

Concen: 362.048 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

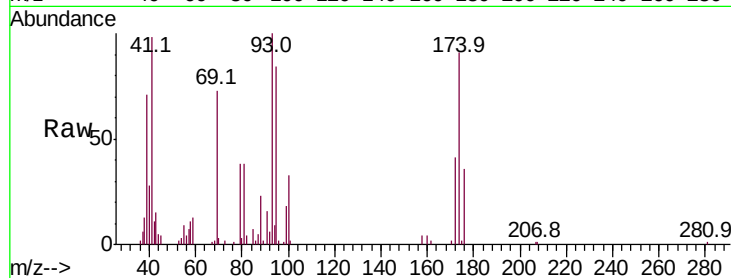
Tot Ion: 88 Resp: 8834

Ion Ratio Lower Upper

88 100

43 49.8 28.3 42.5#

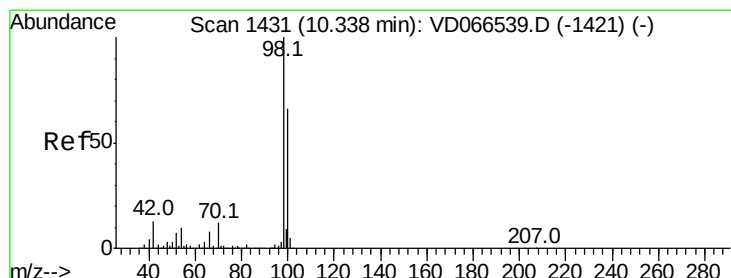
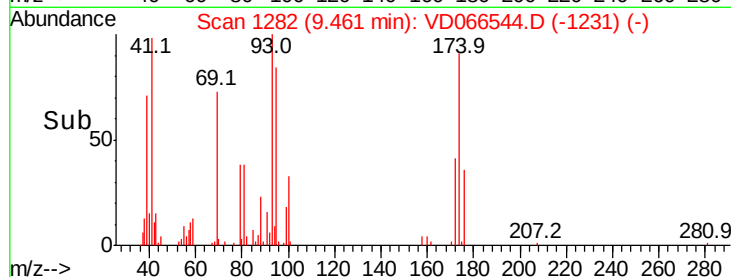
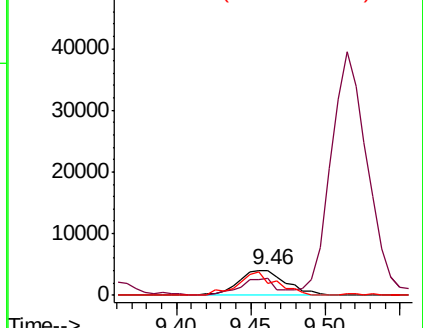
58 75.2 56.1 84.1



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: 54.179 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066544.D

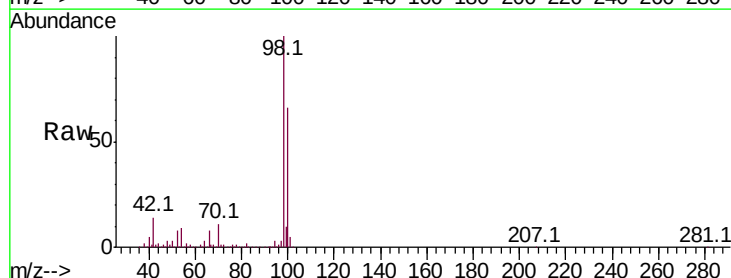
Acq: 03 Sep 2020 20:01

Tgt Ion: 98 Resp: 734701

Ion Ratio Lower Upper

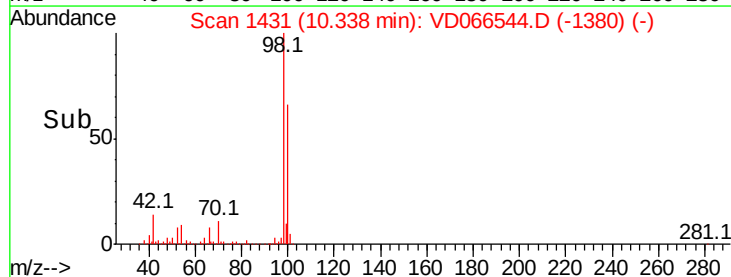
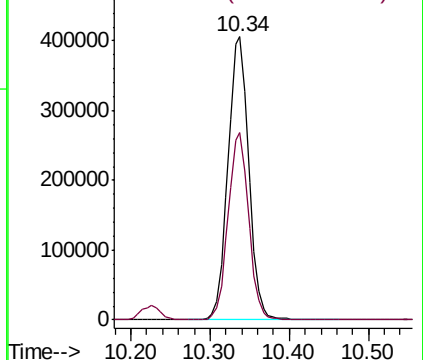
98 100

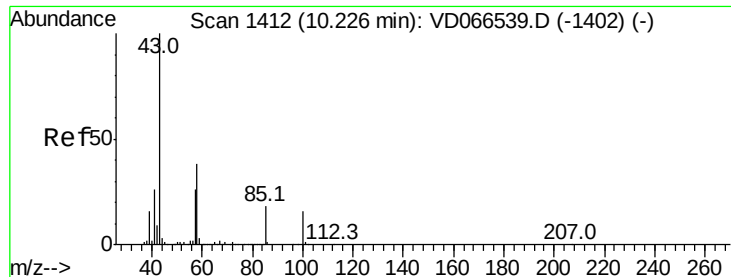
100 65.4 52.9 79.3



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: 102.991 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

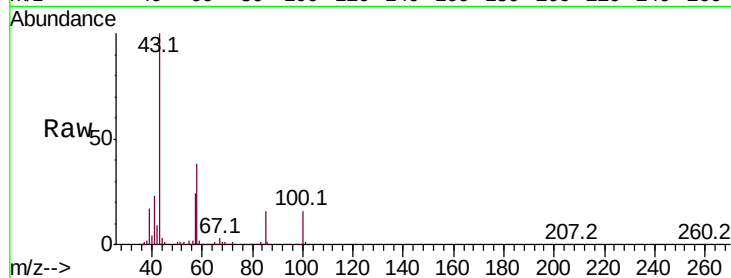
VD0903SBS01

Tot Ion: 43 Resp: 231992

Ion Ratio Lower Upper

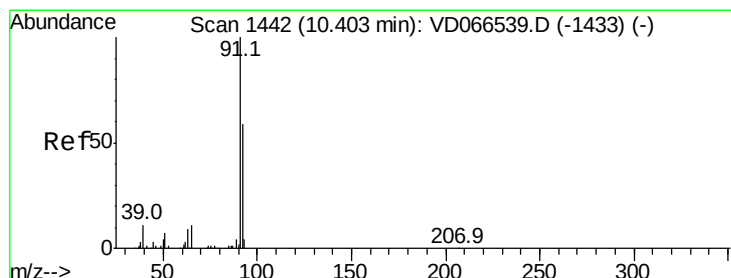
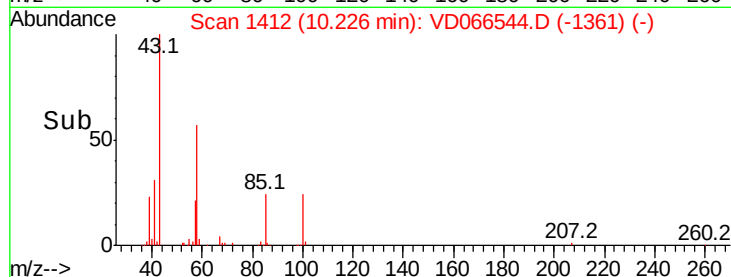
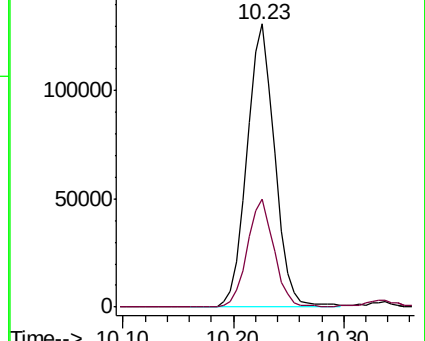
43 100

58 36.9 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.673 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066544.D

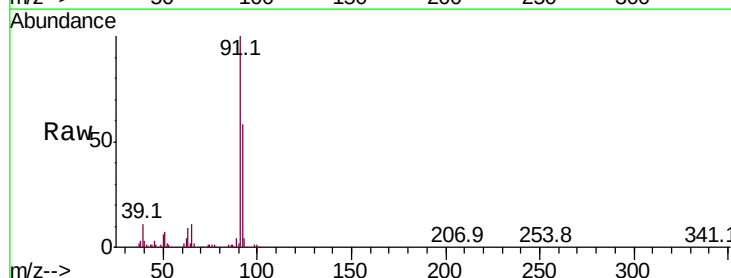
Acq: 03 Sep 2020 20:01

Tgt Ion: 92 Resp: 209773

Ion Ratio Lower Upper

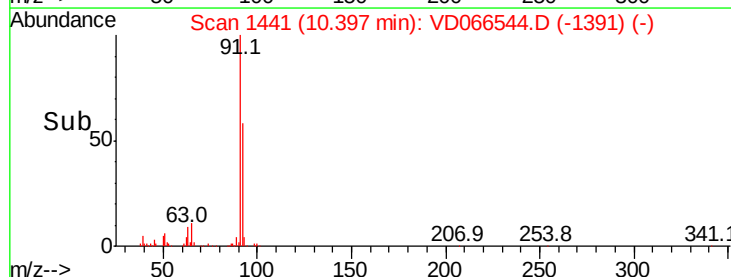
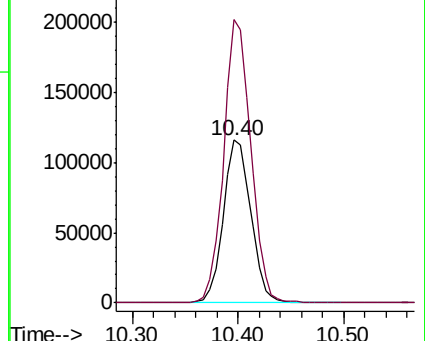
92 100

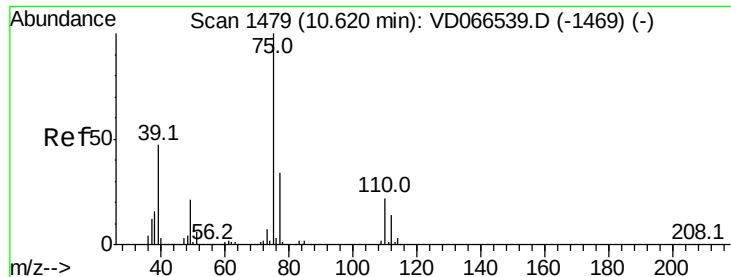
91 172.0 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.120 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

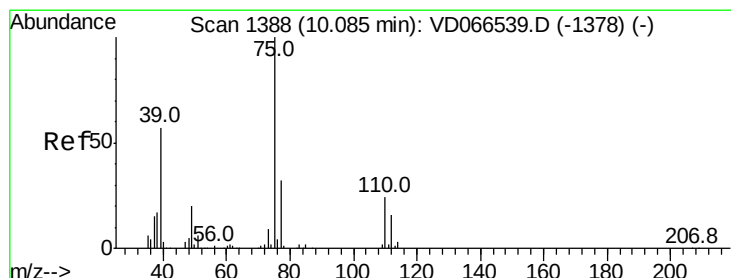
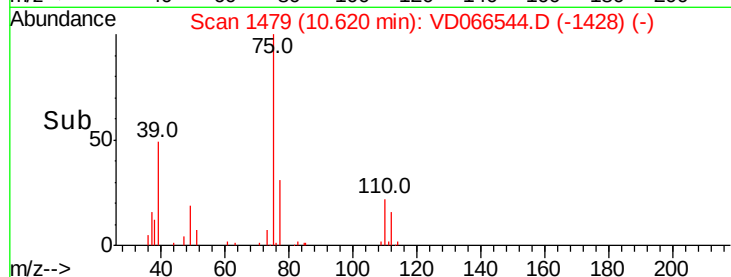
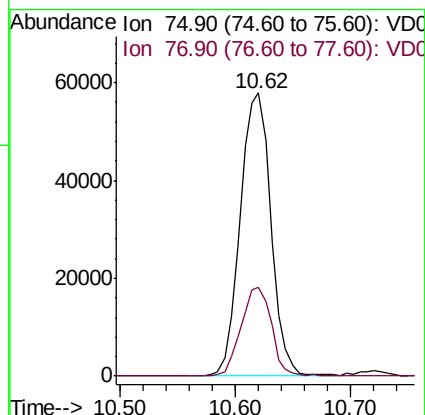
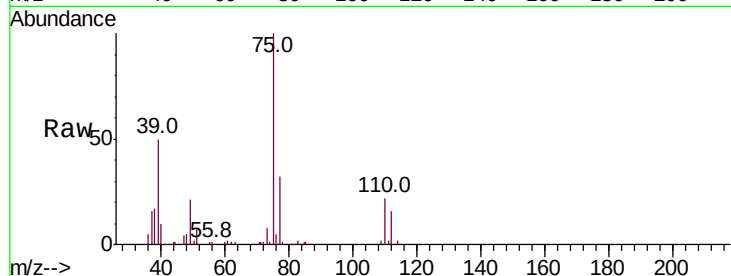
VD0903SBS01

Tot Ion: 75 Resp: 106878

Ion Ratio Lower Upper

75 100

77 31.6 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 19.947 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

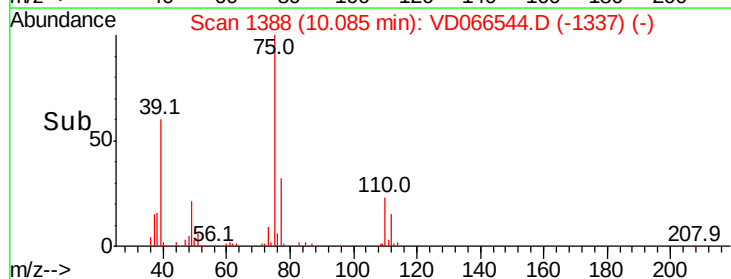
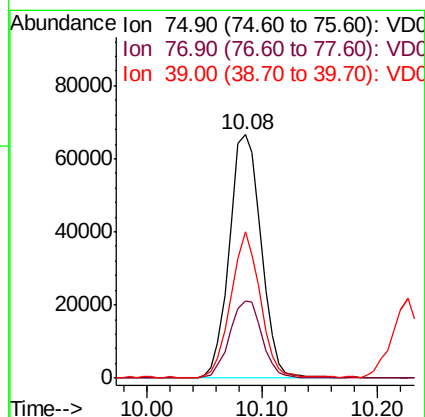
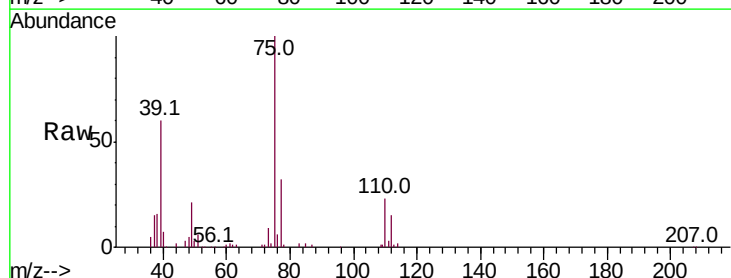
Tgt Ion: 75 Resp: 127240

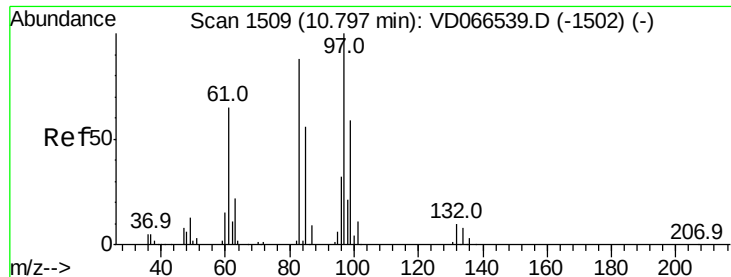
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 60.1 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 21.311 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

Tot Ion: 97 Resp: 60941

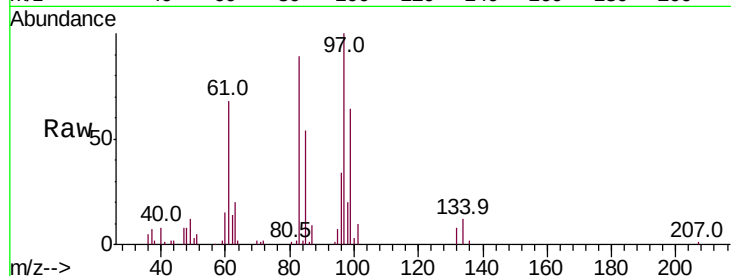
Ion Ratio Lower Upper

97 100

83 89.2 70.1 105.1

85 54.1 44.5 66.7

99 63.6 47.1 70.7

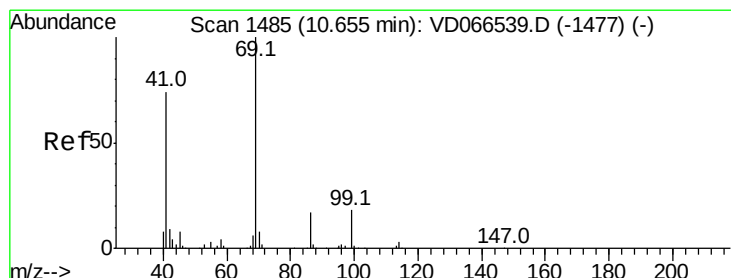
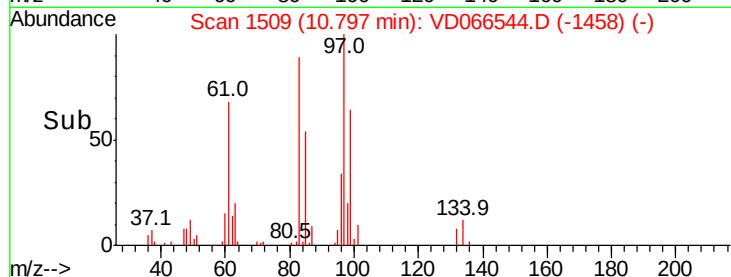
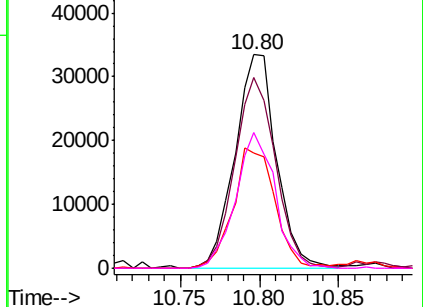


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.172 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

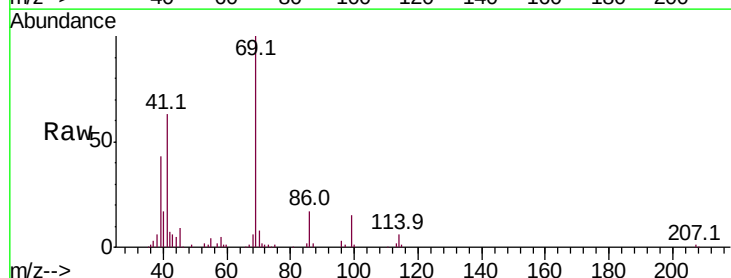
Tgt Ion: 69 Resp: 67164

Ion Ratio Lower Upper

69 100

41 72.9 56.8 85.2

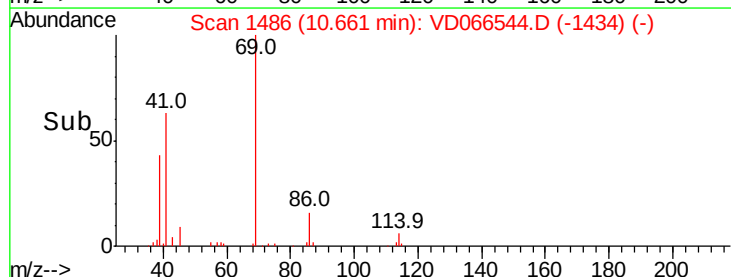
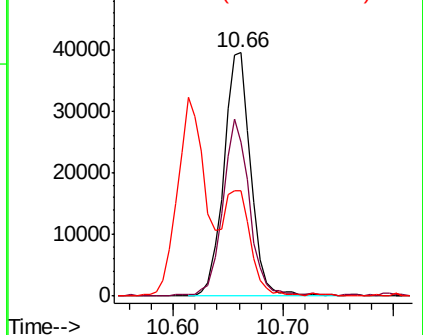
39 45.3 30.6 46.0

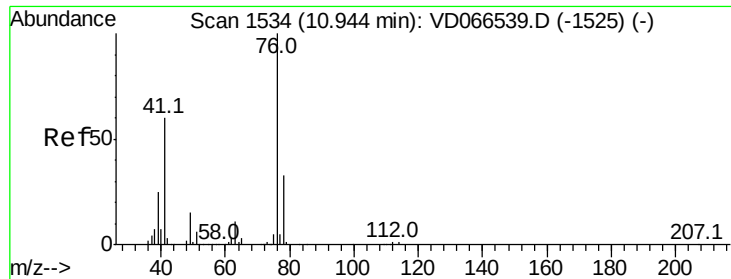


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

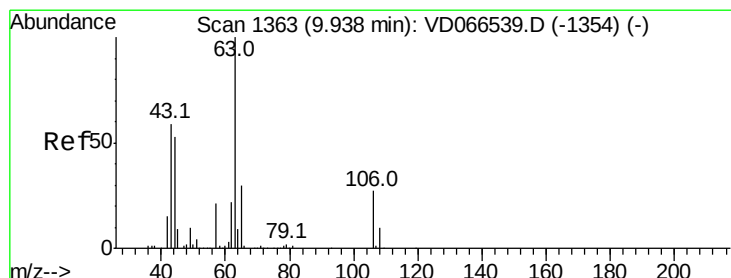
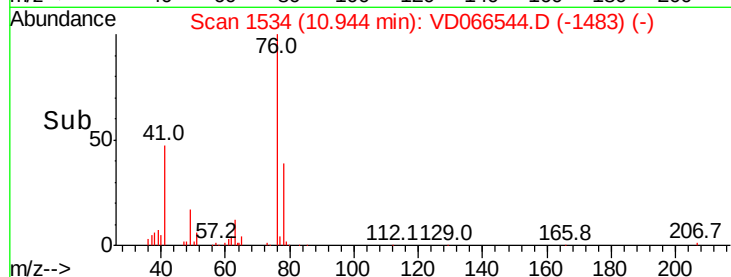
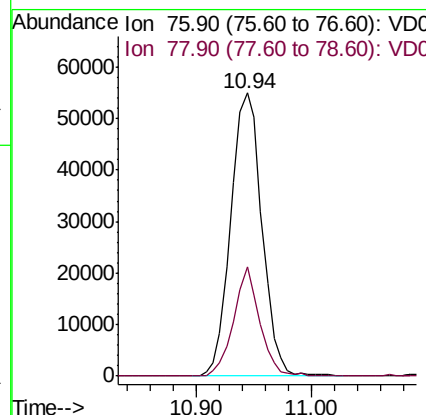
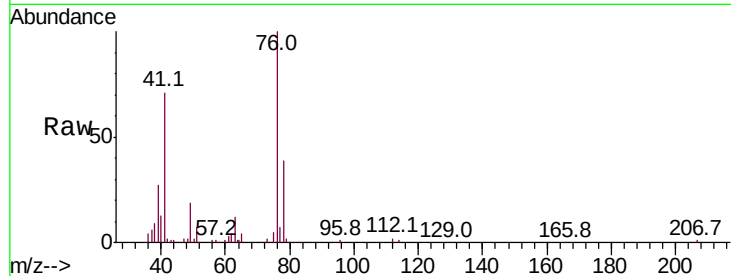




#57
 1,3-Dichloropropane
 Concen: 20.502 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

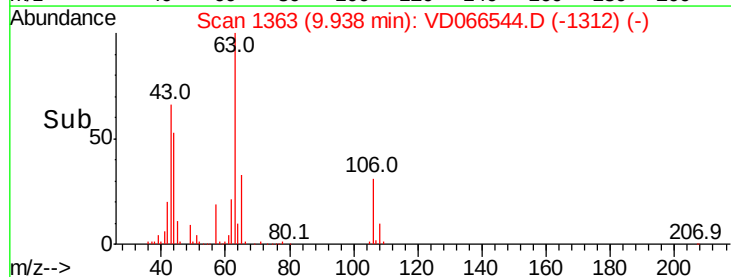
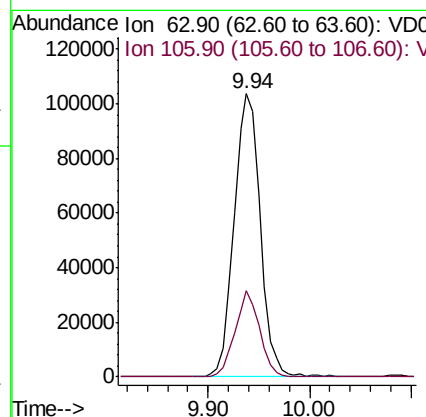
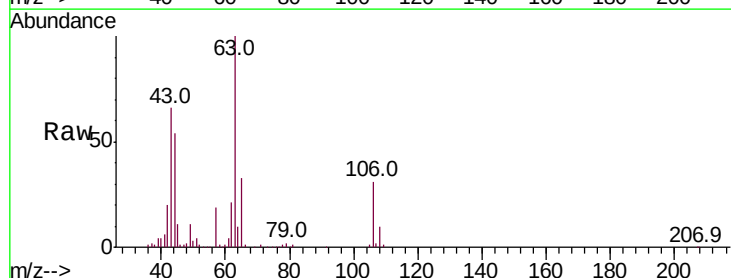
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

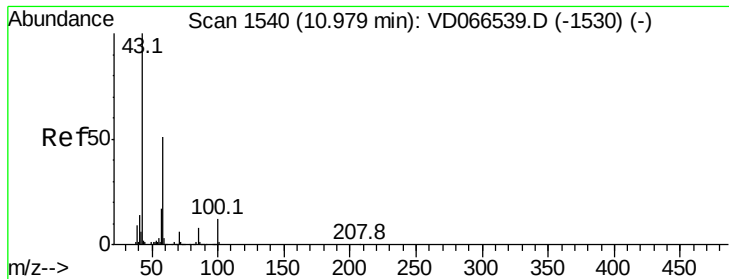
Tot Ion: 76 Resp: 102692
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.679 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion: 63 Resp: 185309
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.0 33.0

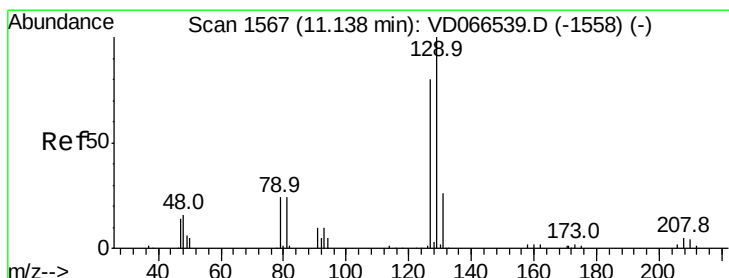
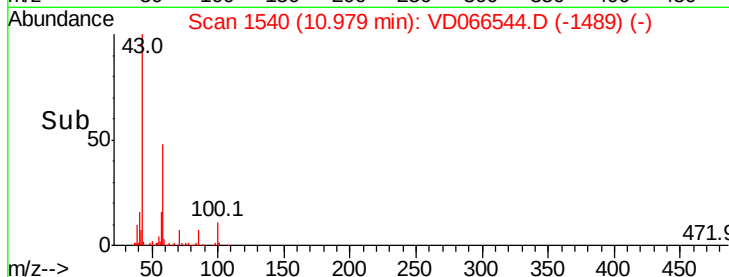
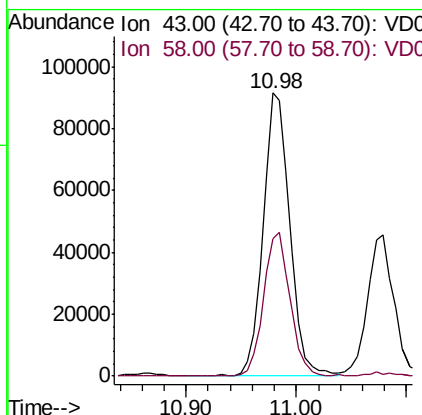
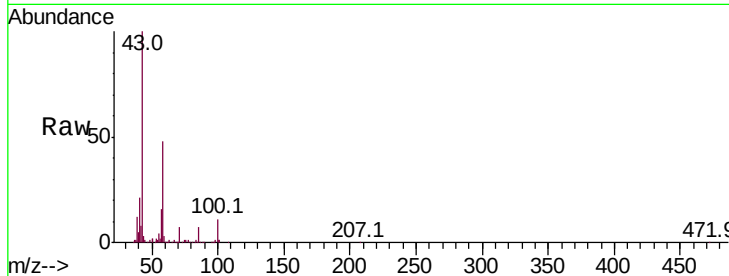




#59
2-Hexanone
Concen: 102.144 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

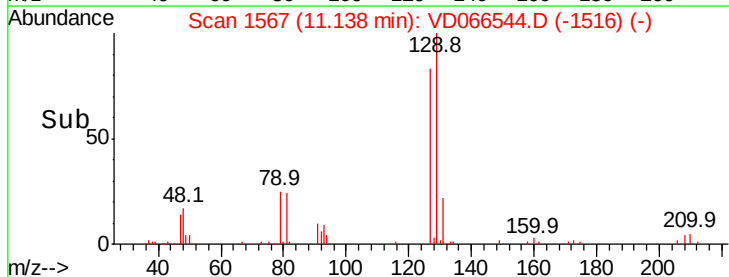
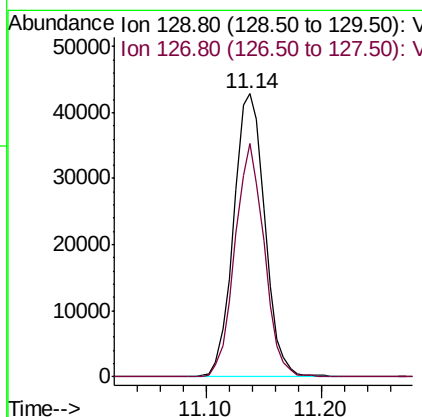
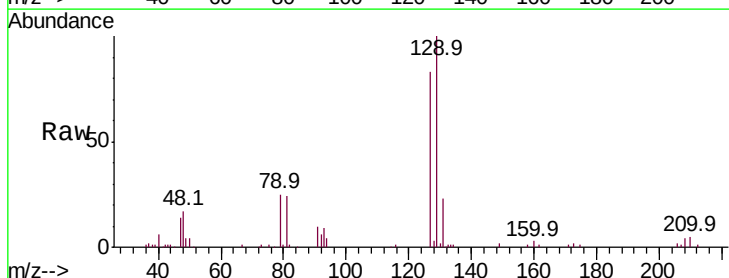
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

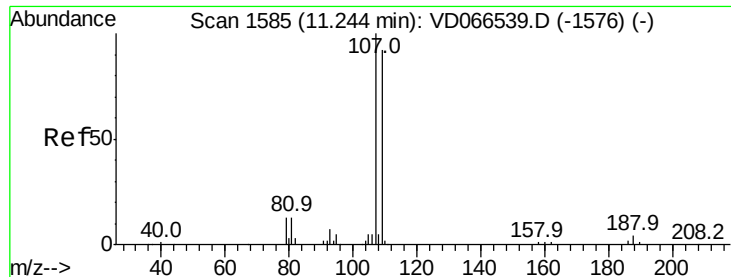
Tot Ion: 43 Resp: 154727
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.8



#60
Dibromochloromethane
Concen: 21.117 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 129 Resp: 79853
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3

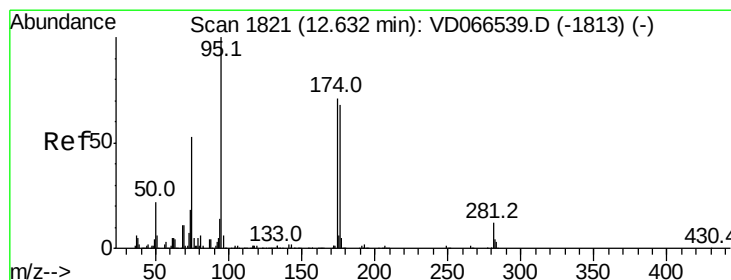
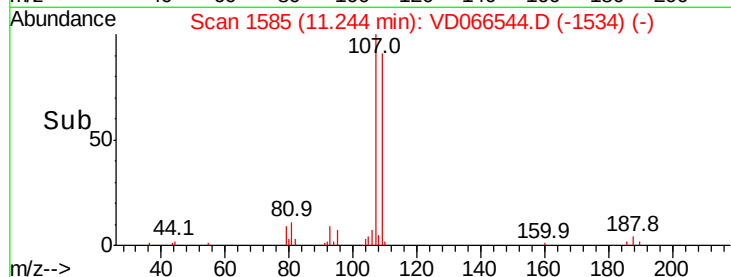
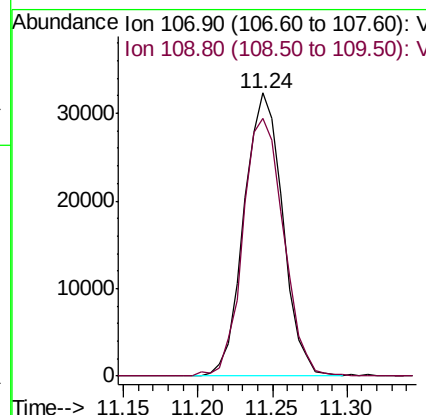
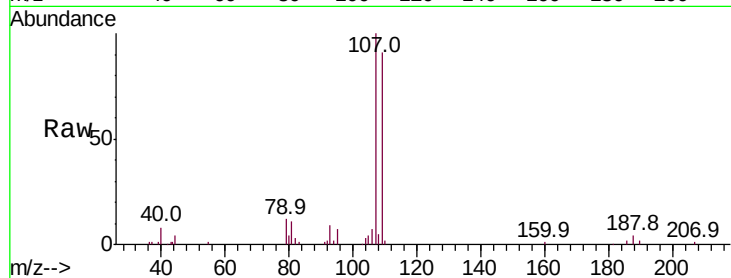




#61
 1,2-Dibromoethane
 Concen: 20.856 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

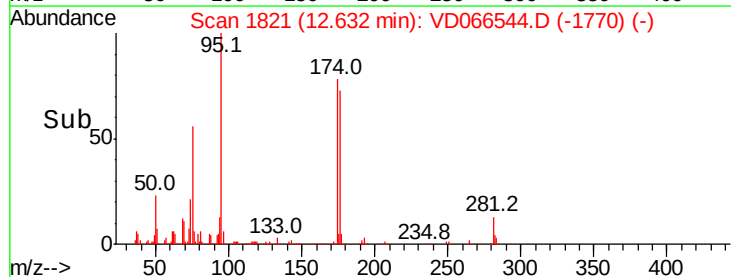
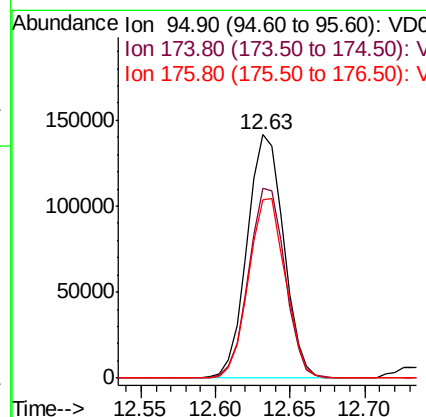
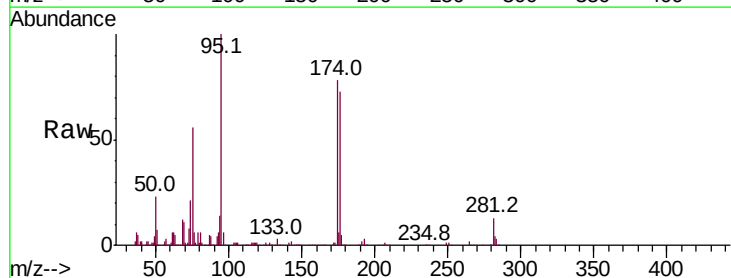
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

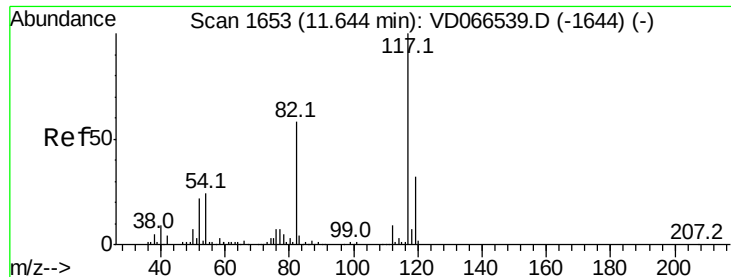
Tot Ion:107 Resp: 58024
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.252 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion: 95 Resp: 239452
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 155.8
 176 74.3 0.0 148.6

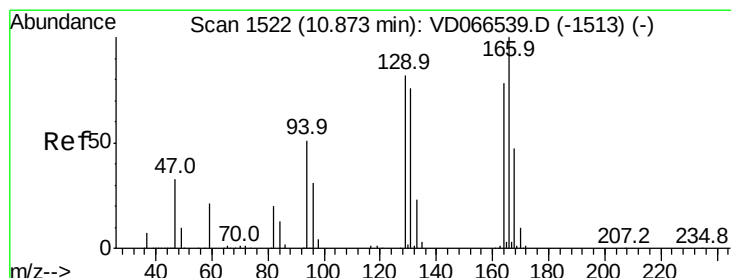
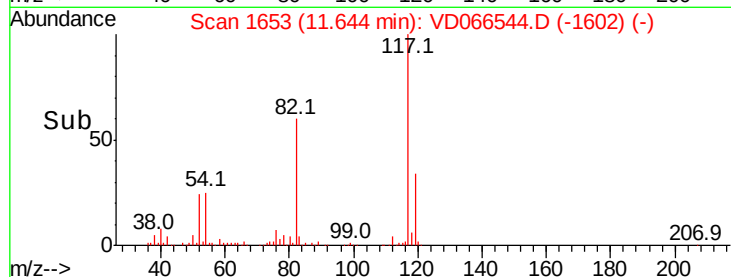
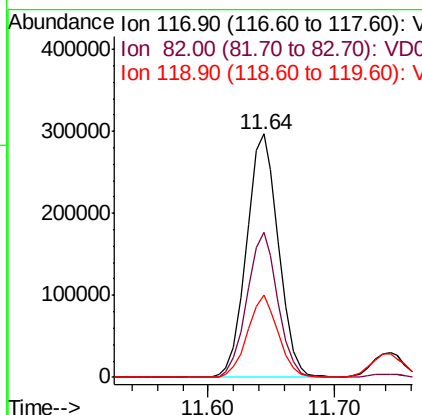
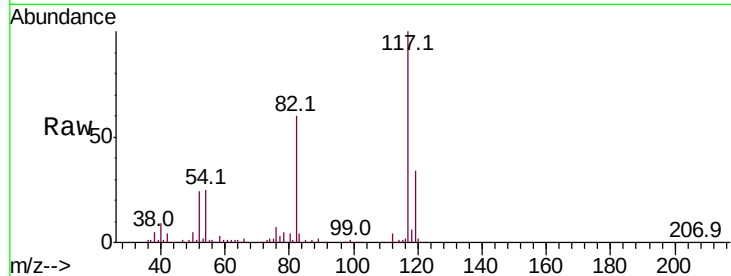




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

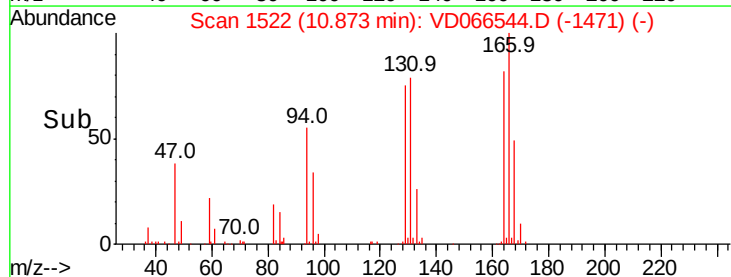
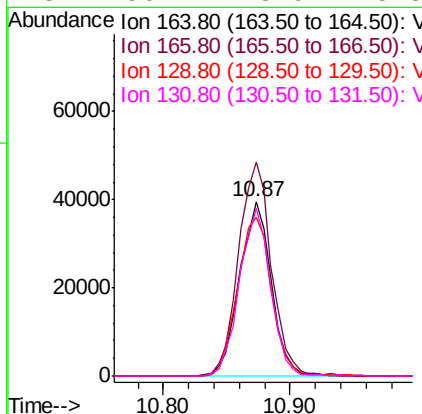
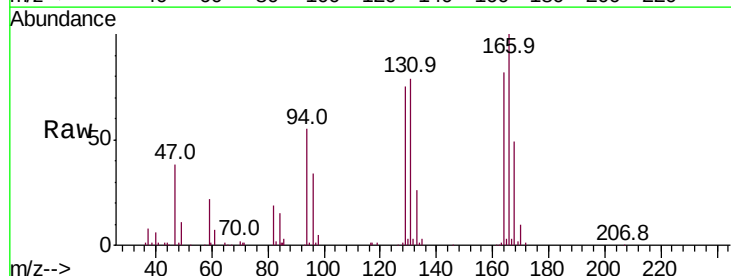
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

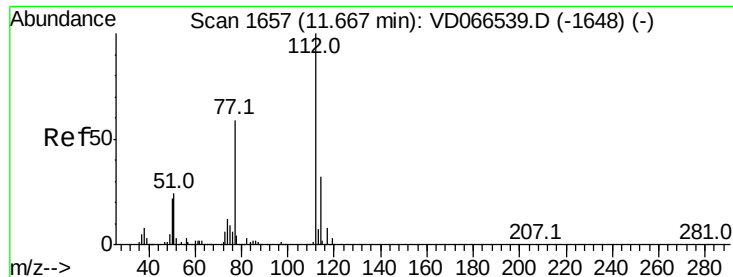
Tot Ion:117 Resp: 517125
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.2
119 34.0 25.8 38.8



#64
Tetrachloroethene
Concen: 19.708 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion:164 Resp: 68620
Ion Ratio Lower Upper
164 100
166 122.6 103.2 154.8
129 91.4 84.5 126.7
131 96.4 78.9 118.3

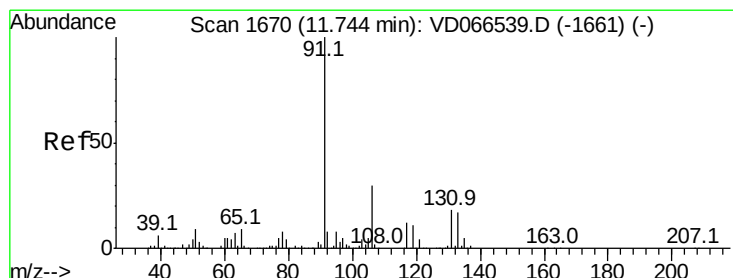
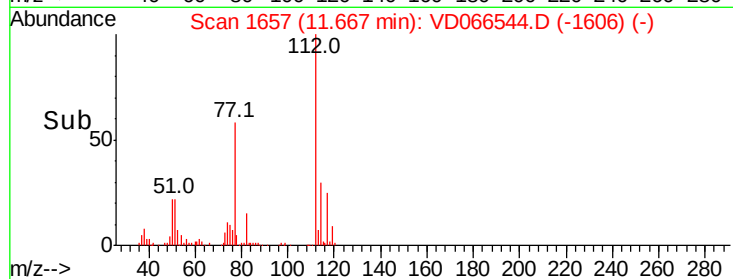
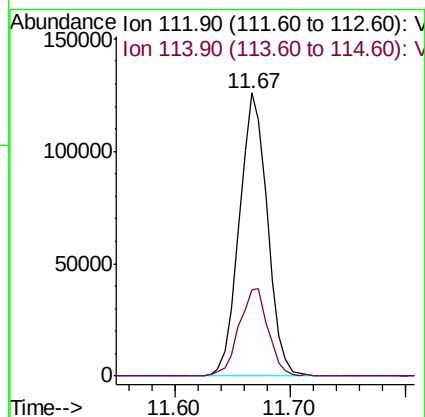
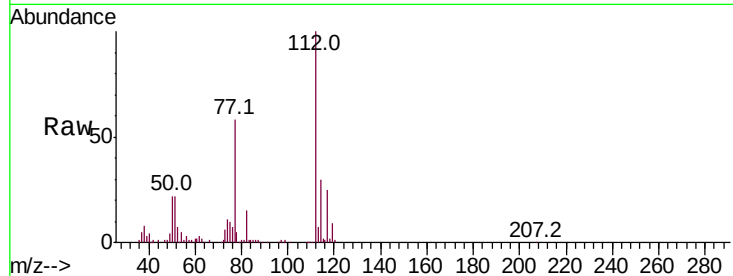




#65
Chlorobenzene
Concen: 19.866 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

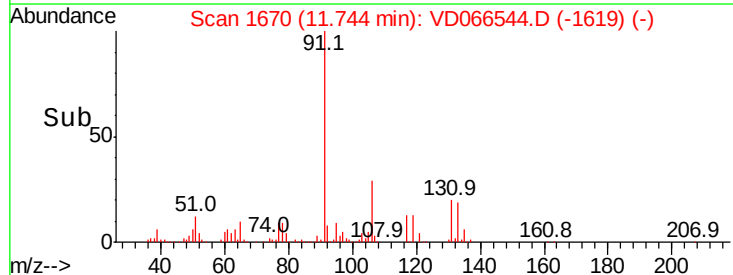
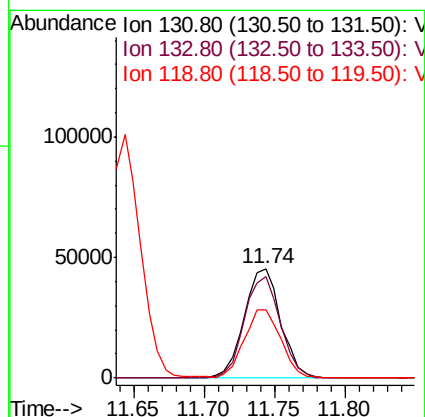
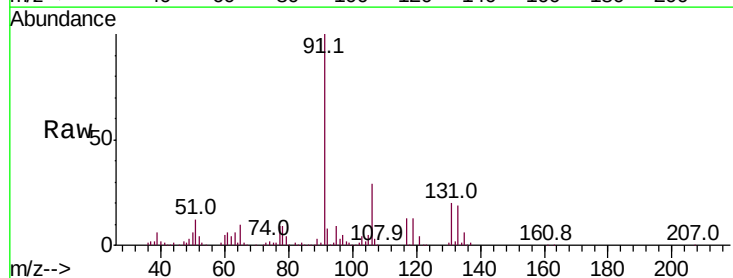
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

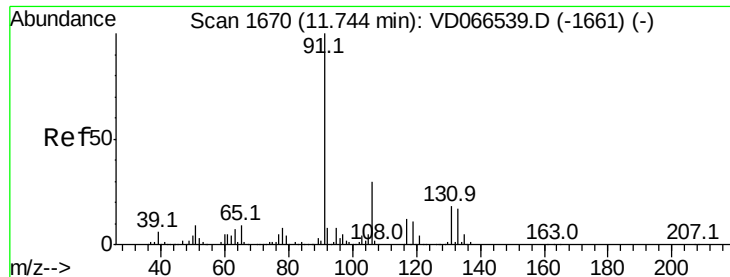
Tot Ion:112 Resp: 212035
Ion Ratio Lower Upper
112 100
114 30.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.194 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion:131 Resp: 82259
Ion Ratio Lower Upper
131 100
133 92.2 46.7 140.0
119 63.1 31.9 95.7





#67

Ethyl Benzene

Concen: 19.223 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

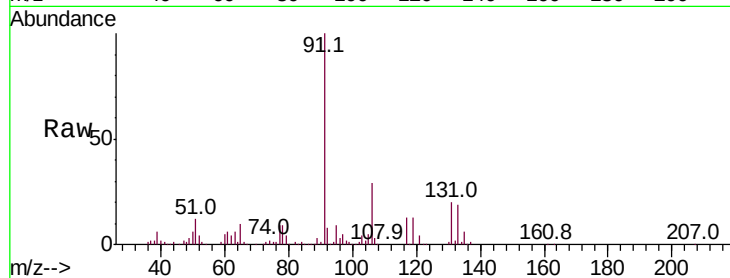
VD0903SBS01

Tot Ion: 91 Resp: 376736

Ion Ratio Lower Upper

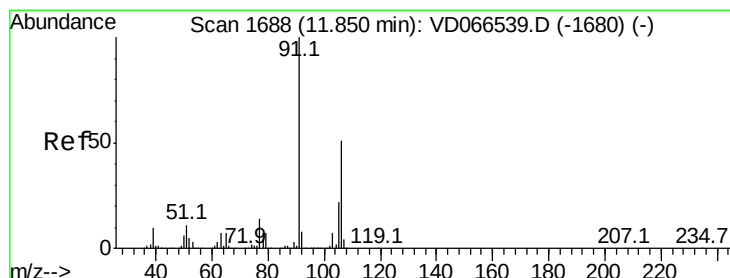
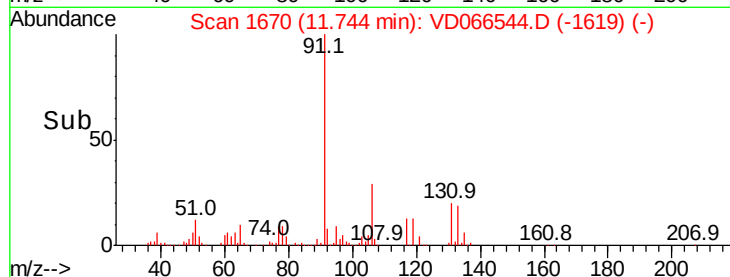
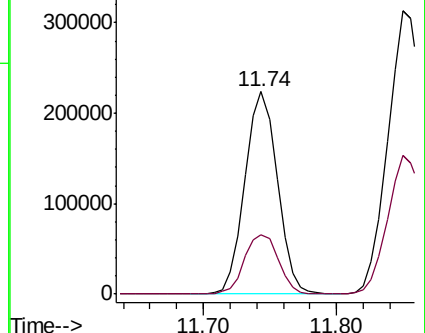
91 100

106 29.3 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.427 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066544.D

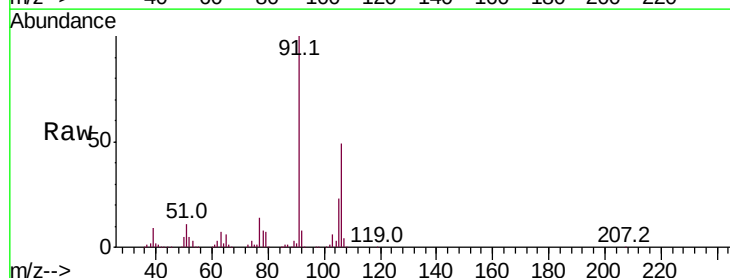
Acq: 03 Sep 2020 20:01

Tgt Ion: 106 Resp: 294175

Ion Ratio Lower Upper

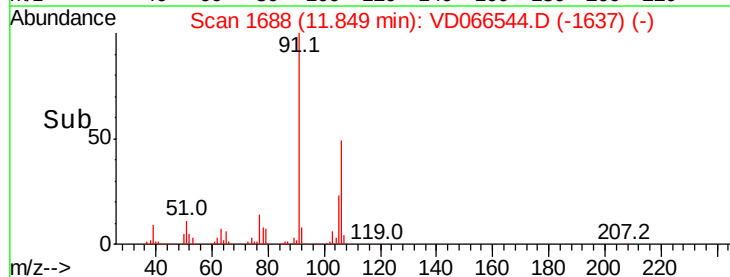
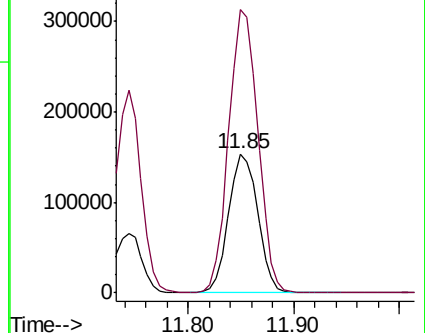
106 100

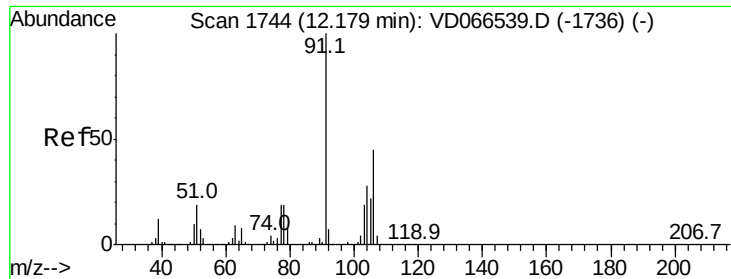
91 204.1 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

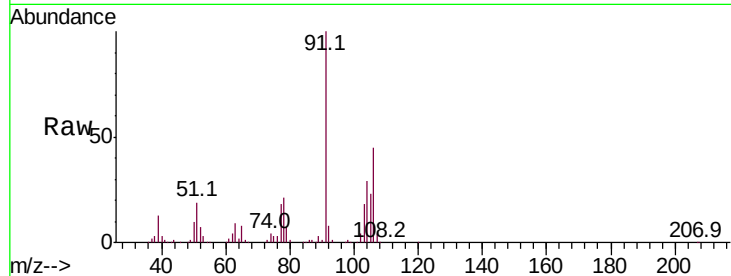




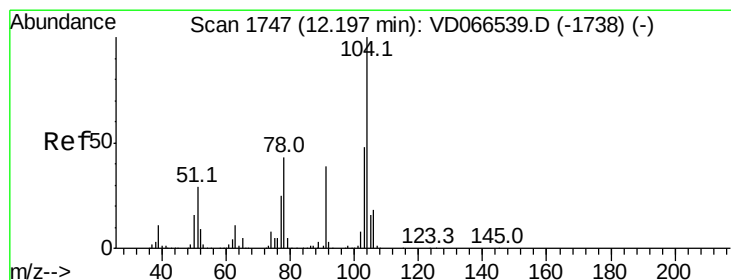
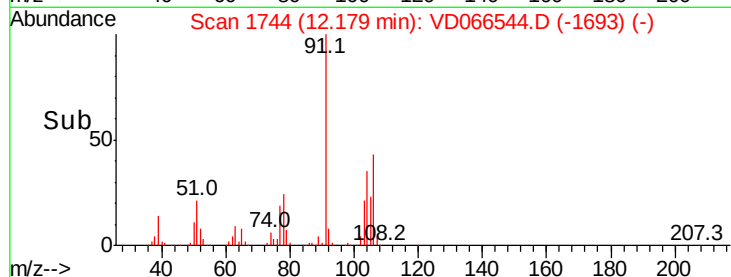
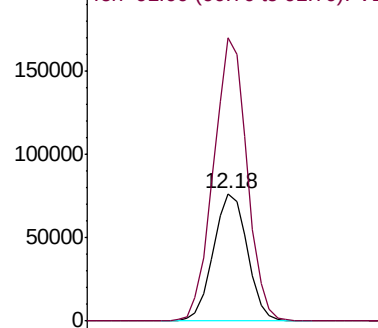
#69
o-Xylene
Concen: 19.785 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

Tot Ion:106 Resp: 129025
Ion Ratio Lower Upper
106 100
91 218.3 107.9 323.8

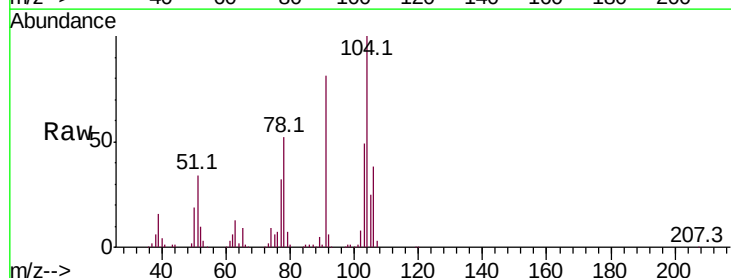


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

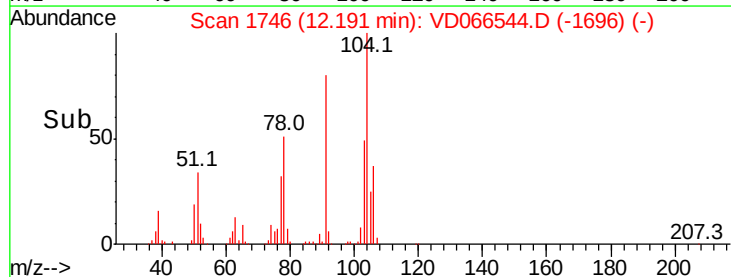
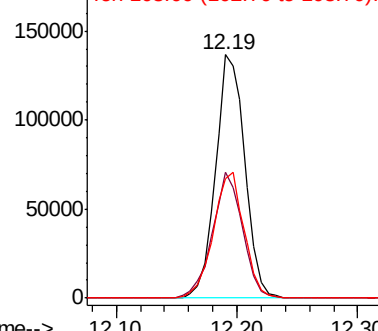


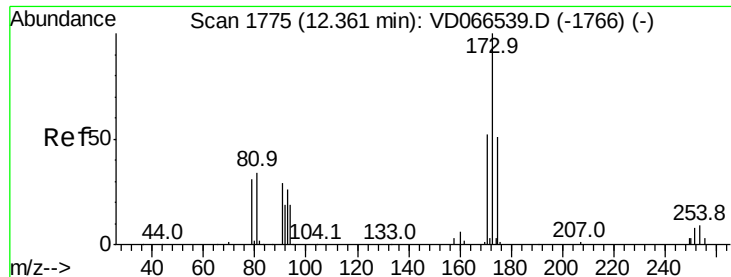
#70
Styrene
Concen: 20.363 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion:104 Resp: 230867
Ion Ratio Lower Upper
104 100
78 53.1 40.7 61.1
103 54.4 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: 19.948 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

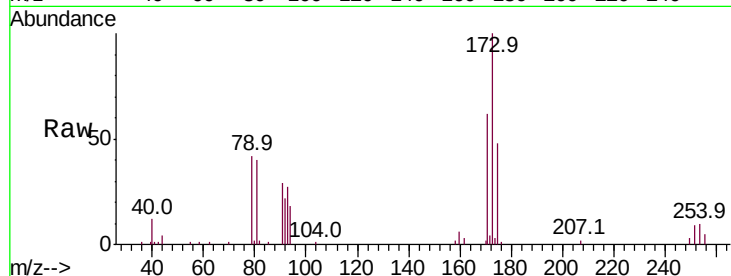
Tot Ion:173 Resp: 40950

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

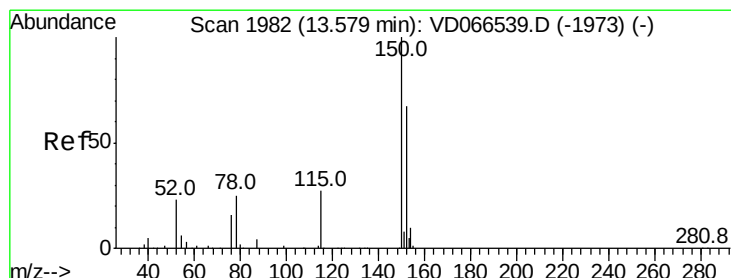
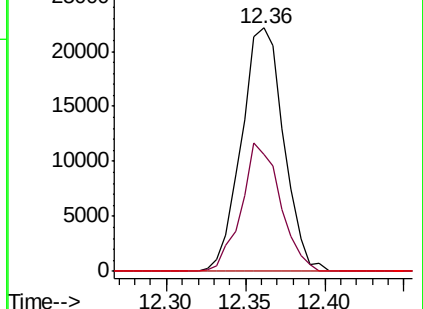
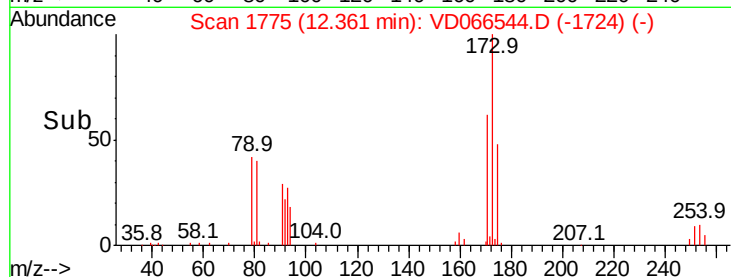
254 0.0 0.0 0.0



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: VD066544.D

Acq: 03 Sep 2020 20:01

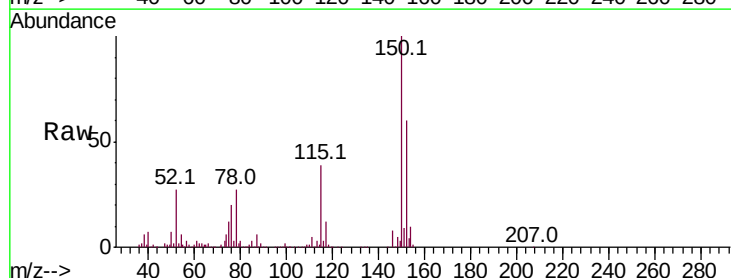
Tgt Ion:152 Resp: 239851

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.2

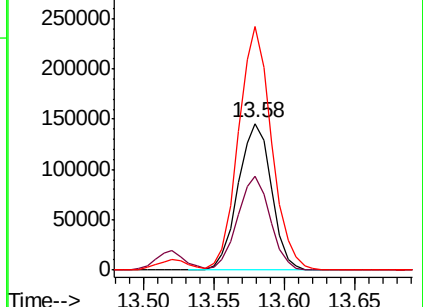
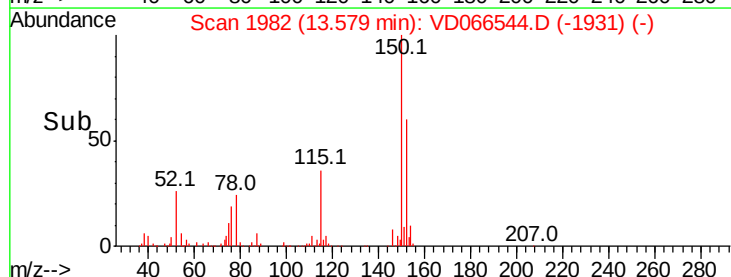
150 165.4 0.0 345.8

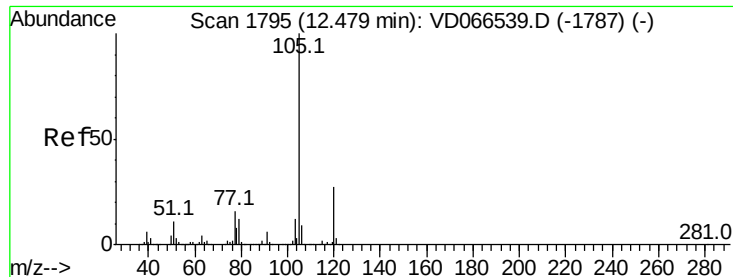


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.761 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

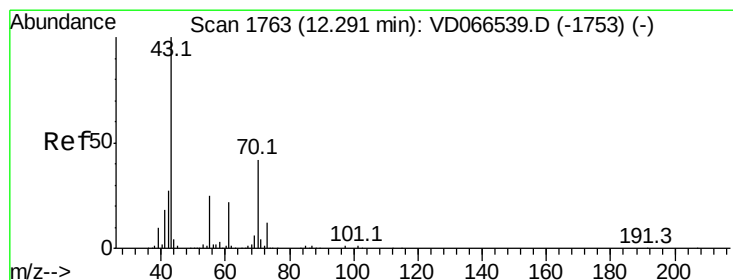
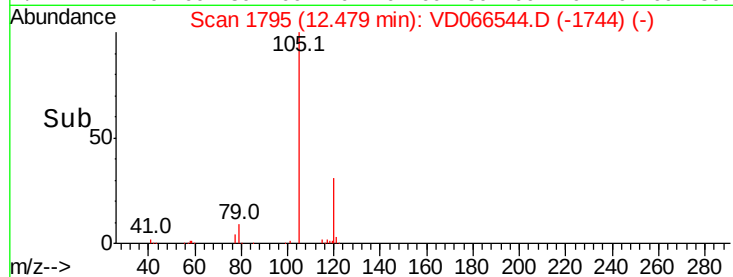
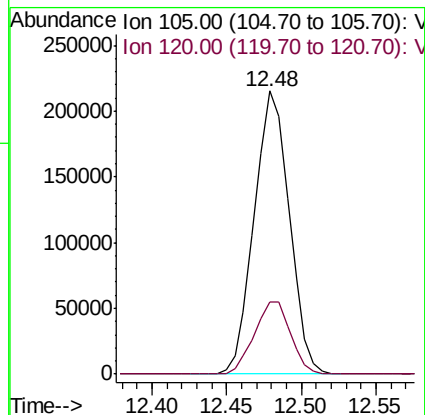
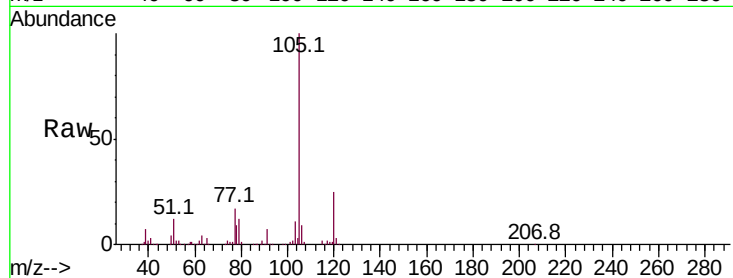
VD0903SBS01

Tot Ion:105 Resp: 350923

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#74

N-ethyl acetate

Concen: 20.686 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Tgt Ion: 43 Resp: 83200

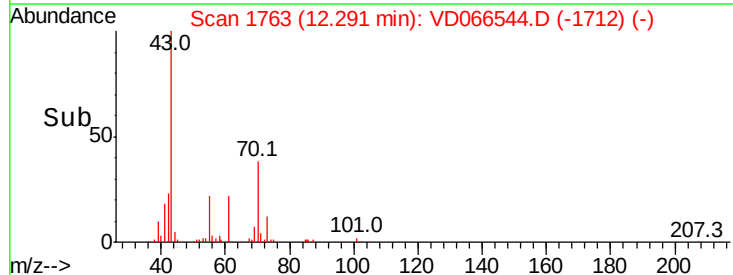
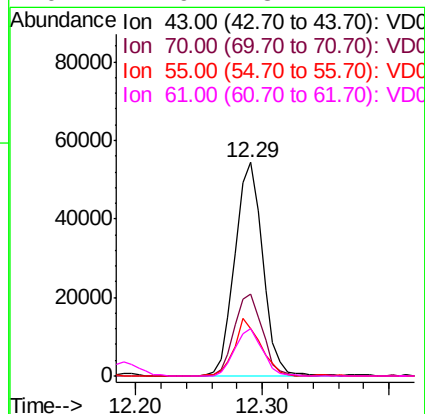
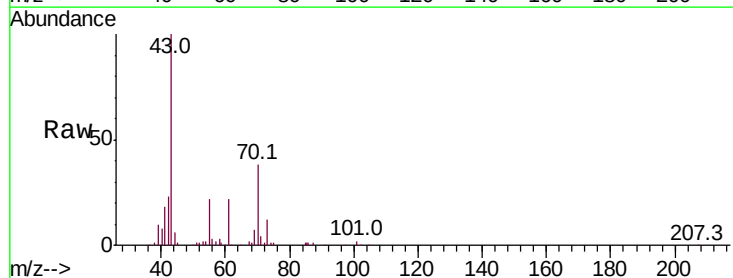
Ion Ratio Lower Upper

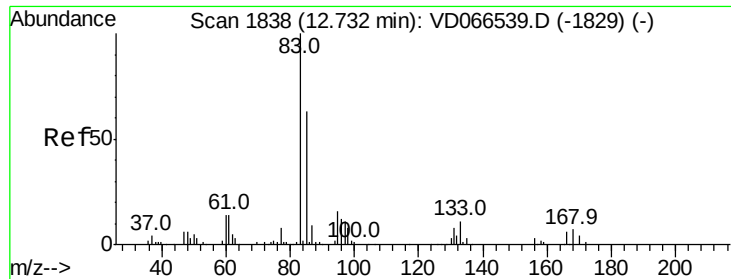
43 100

70 38.3 33.4 50.2

55 24.8 20.1 30.1

61 21.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.709 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

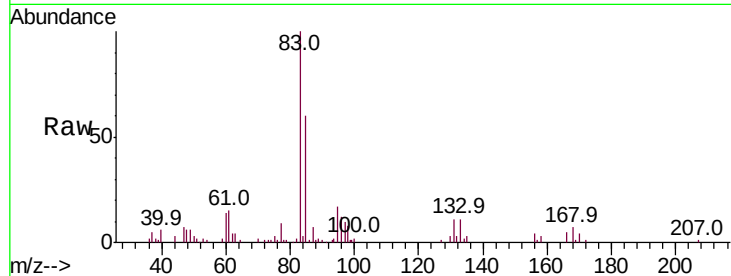
Tot Ion: 83 Resp: 64971

Ion Ratio Lower Upper

83 100

131 11.9 5.0 15.0

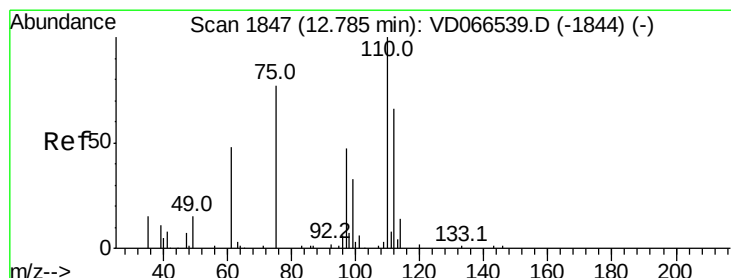
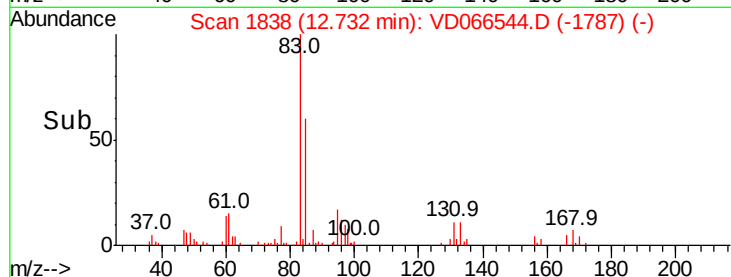
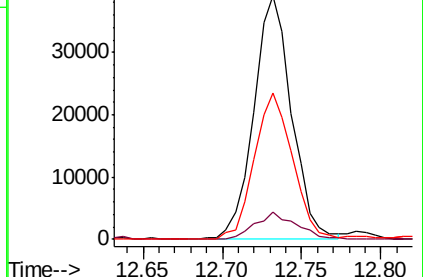
85 60.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.042 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066544.D

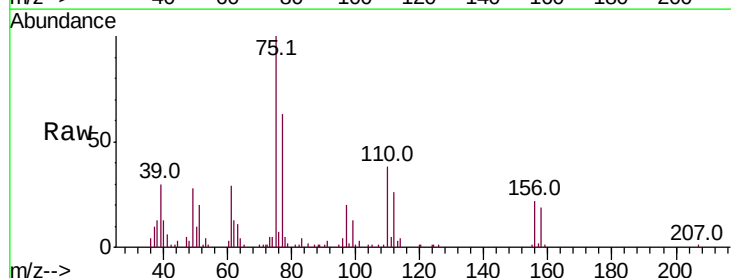
Acq: 03 Sep 2020 20:01

Tgt Ion: 75 Resp: 85445

Ion Ratio Lower Upper

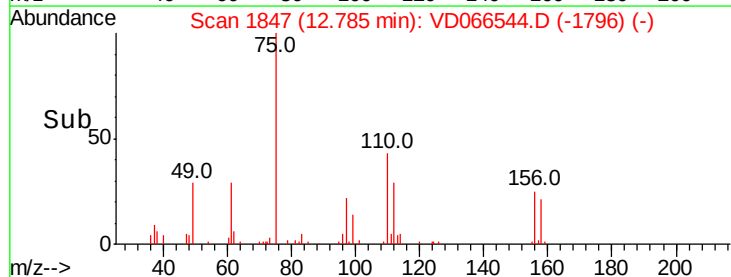
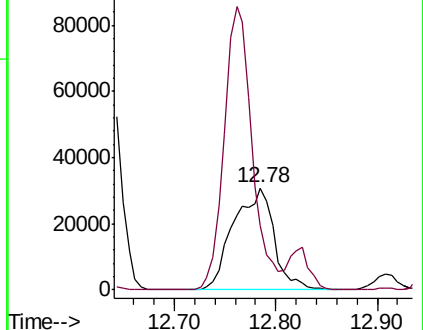
75 100

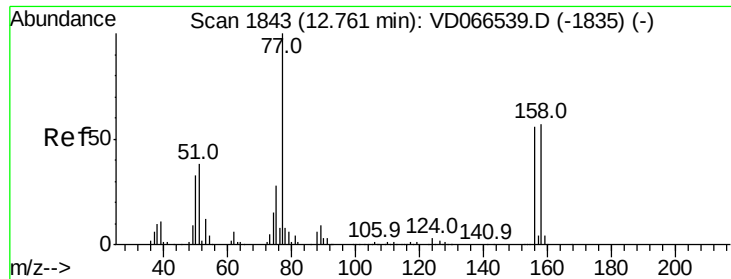
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.575 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

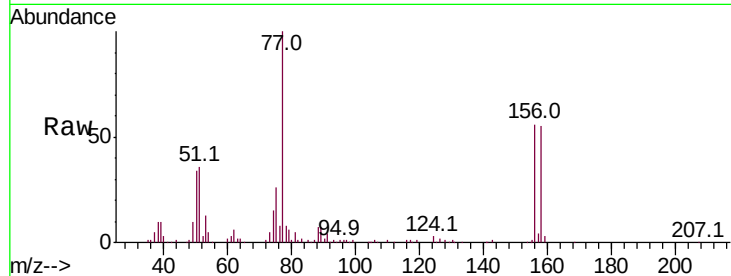
Tot Ion:156 Resp: 81459

Ion Ratio Lower Upper

156 100

77 200.5 98.0 294.1

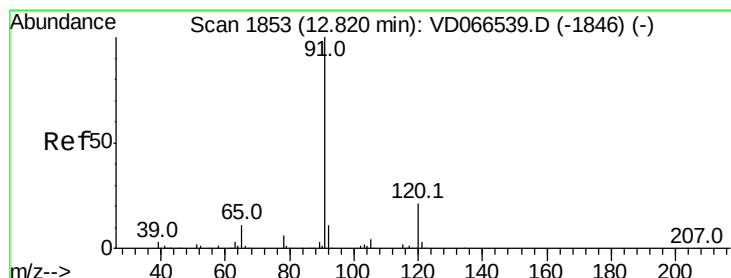
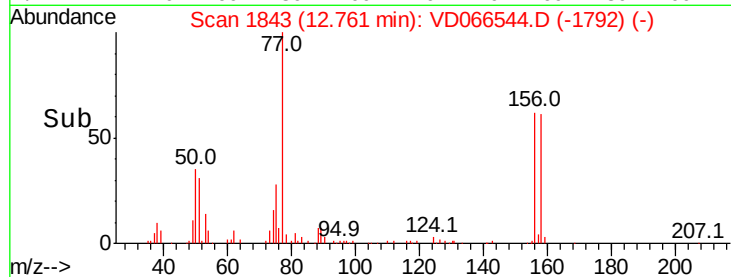
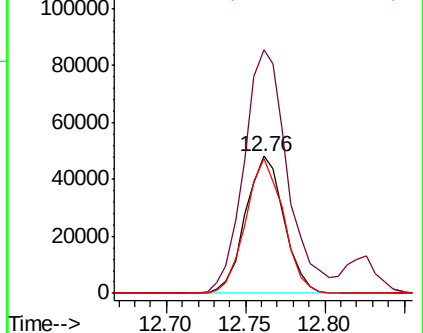
158 96.6 48.1 144.3



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: 20.253 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066544.D

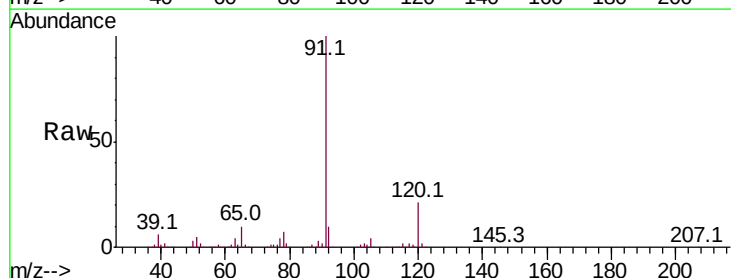
Acq: 03 Sep 2020 20:01

Tgt Ion: 91 Resp: 436007

Ion Ratio Lower Upper

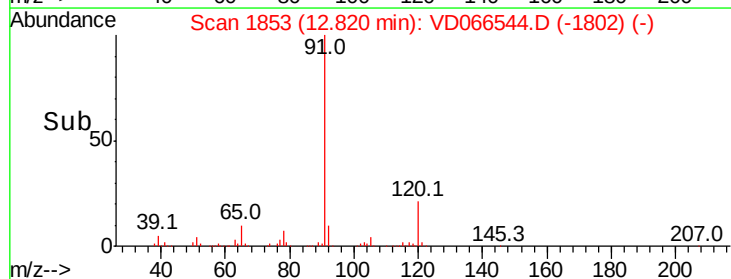
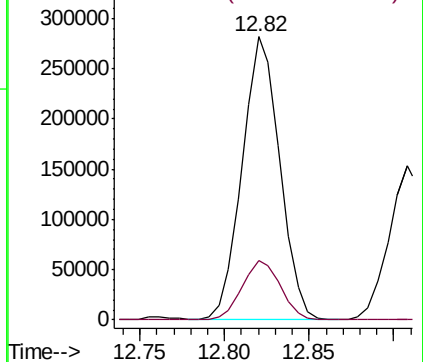
91 100

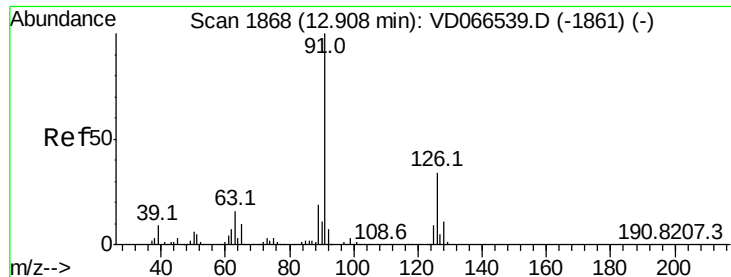
120 21.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

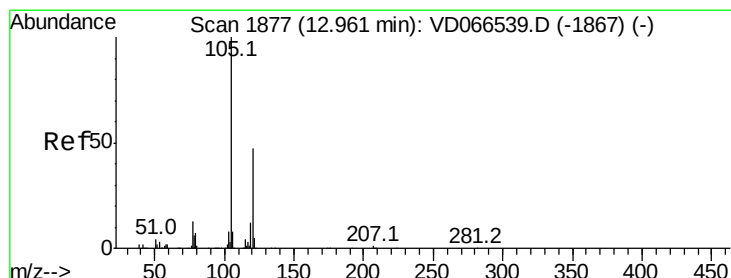
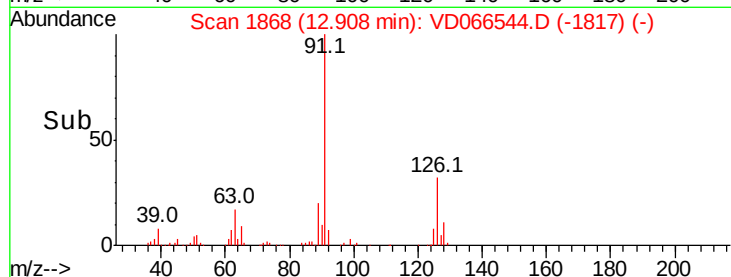
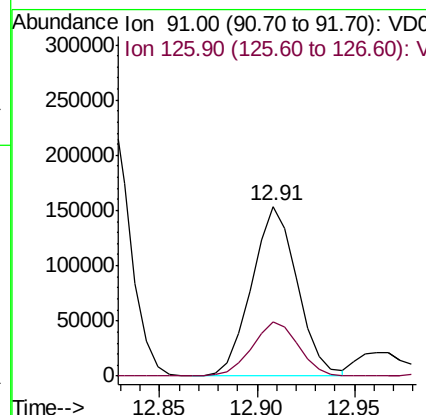
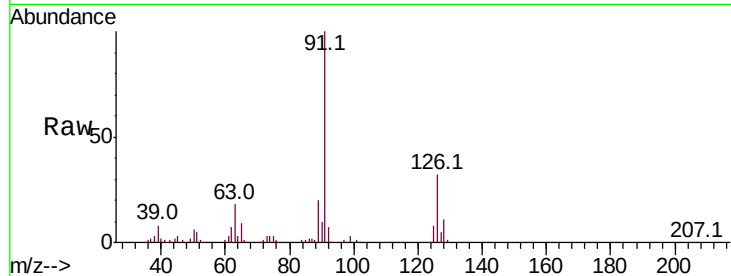




#79
2-Chlorotoluene
Concen: 20.422 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

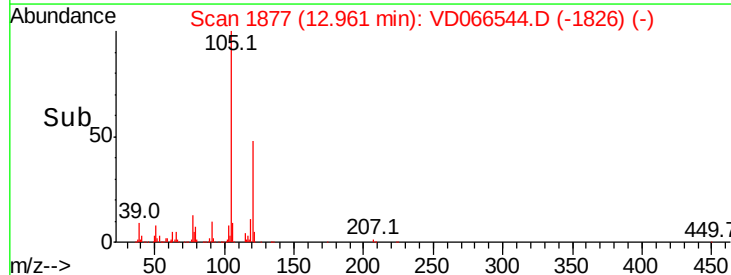
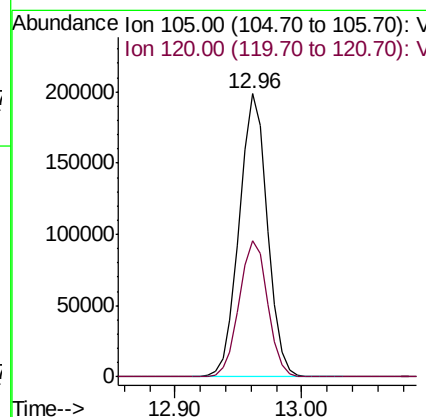
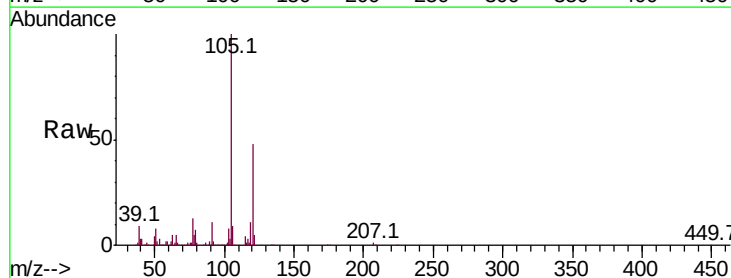
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

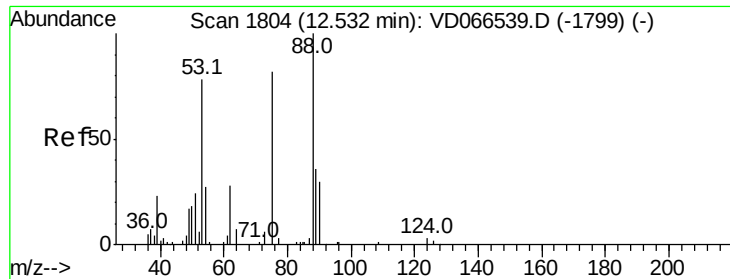
Tot Ion: 91 Resp: 246639
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 20.364 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 105 Resp: 304373
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.268 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

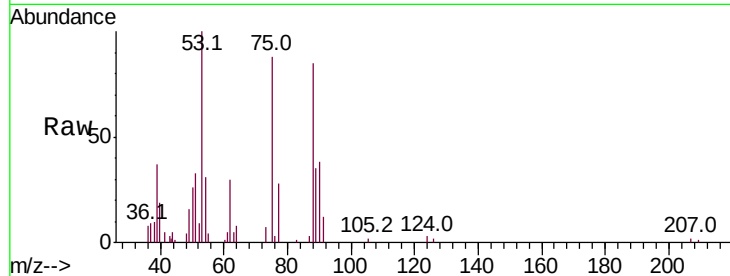
Tot Ion: 75 Resp: 20026

Ion Ratio Lower Upper

75 100

53 113.7 87.0 130.4

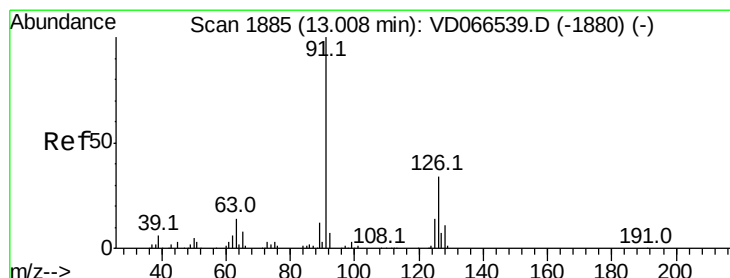
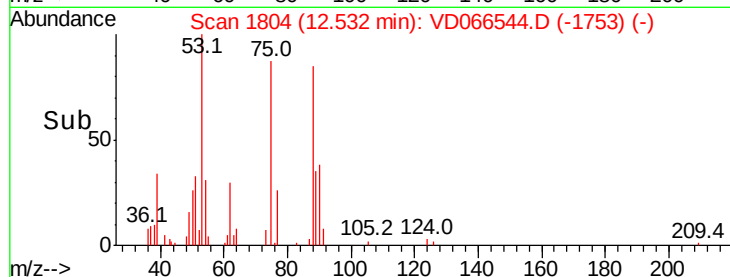
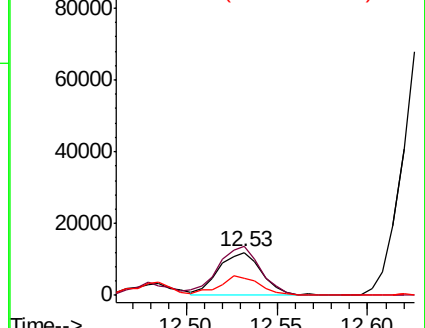
89 41.2 37.1 55.7



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: 20.783 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066544.D

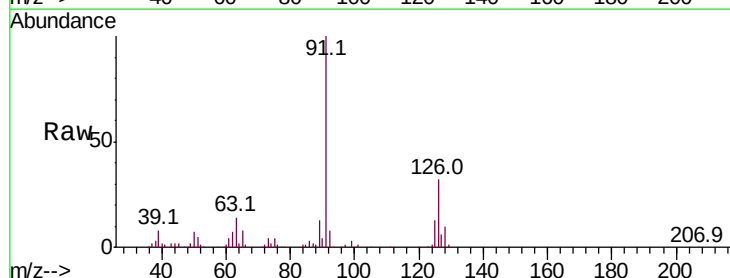
Acq: 03 Sep 2020 20:01

Tgt Ion: 91 Resp: 268400

Ion Ratio Lower Upper

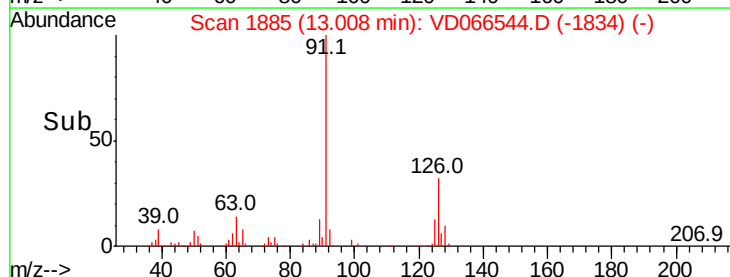
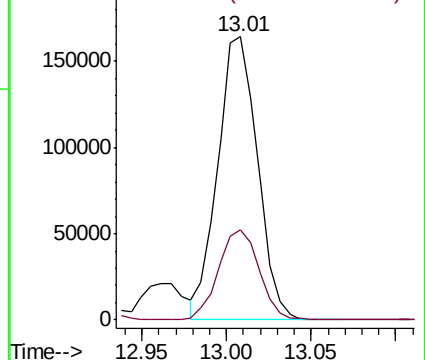
91 100

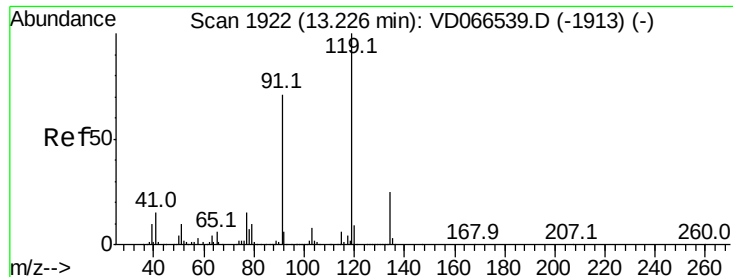
126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

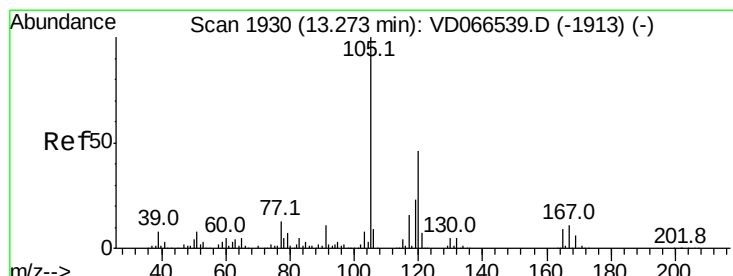
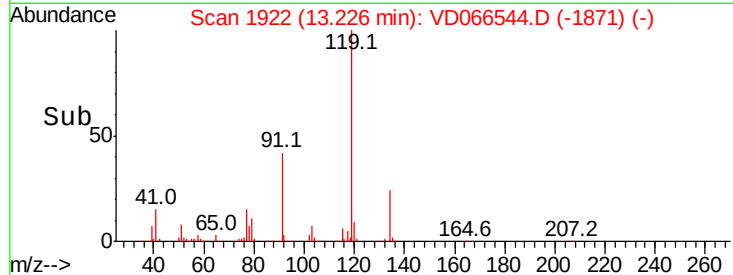
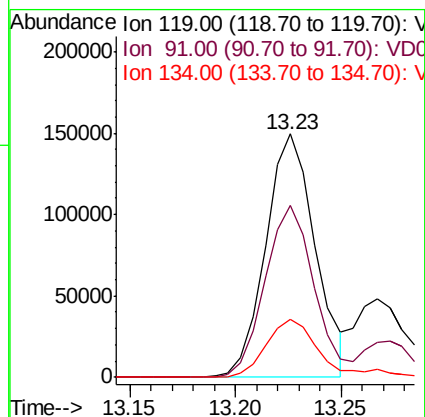
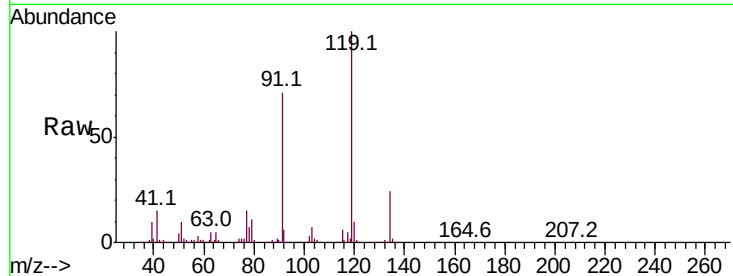




#83
 tert-Butylbenzene
 Concen: 20.054 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

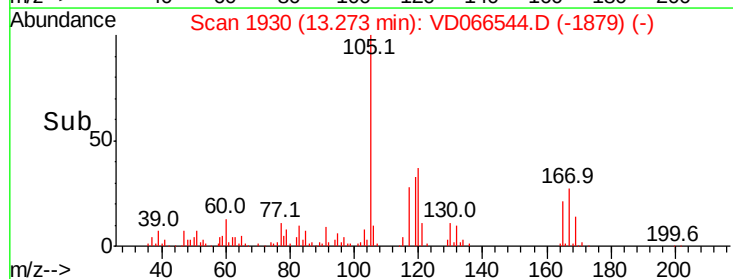
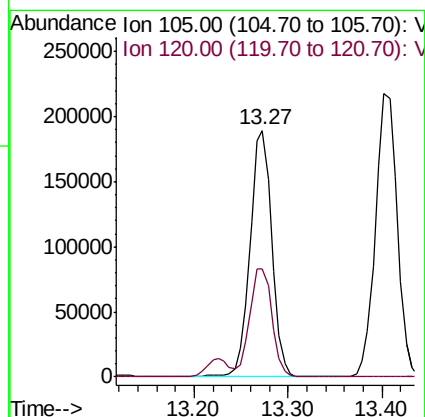
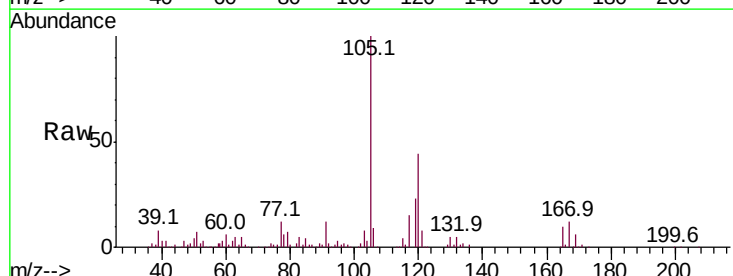
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

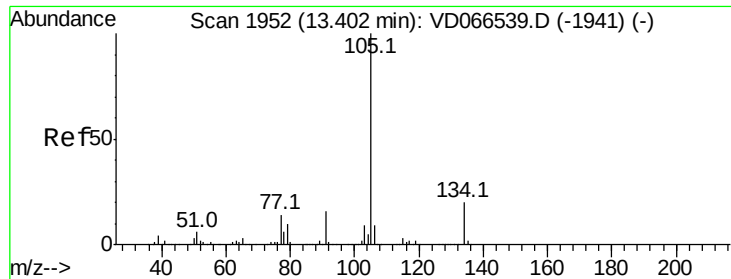
Tot Ion:119 Resp: 244772
 Ion Ratio Lower Upper
 119 100
 91 70.4 35.2 105.6
 134 26.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.411 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion:105 Resp: 303743
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.860 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :

MSVOA_D

ClientSampleId :

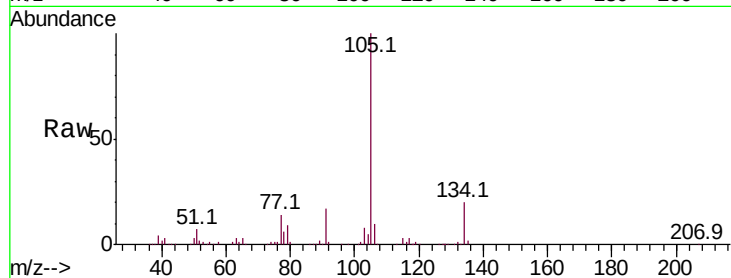
VD0903SBS01

Tot Ion:105 Resp: 349229

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

200000

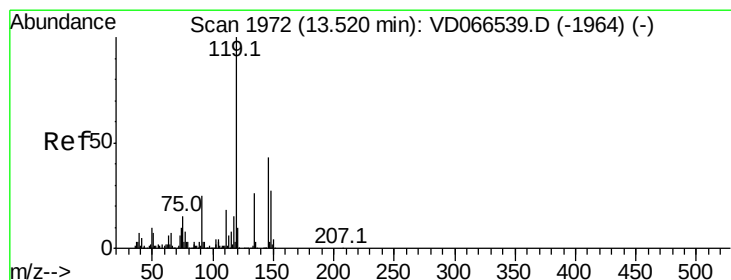
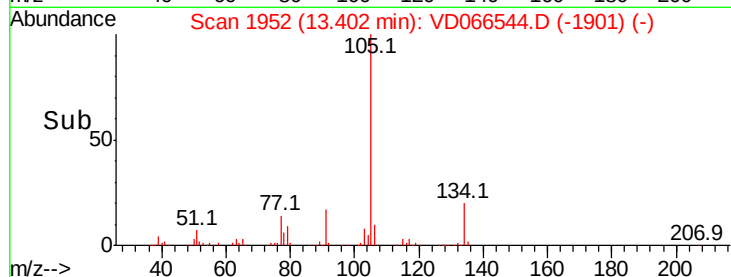
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.977 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

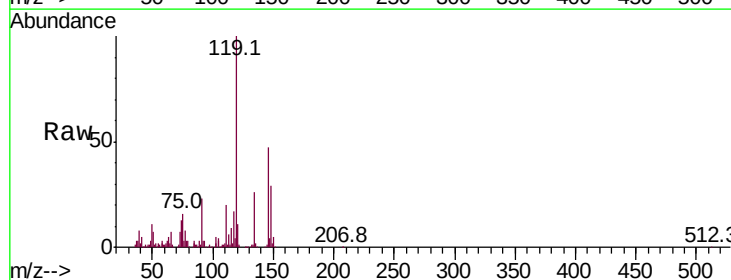
Tgt Ion:119 Resp: 316188

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 25.4 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

250000

200000

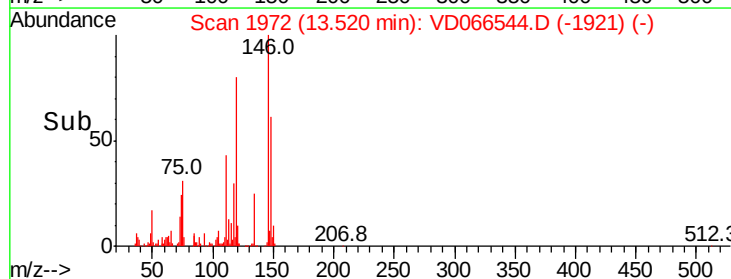
150000

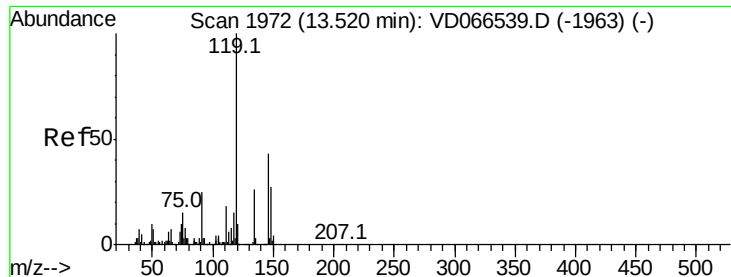
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.524 ug/l

RT: 13.52 min Scan# 1972

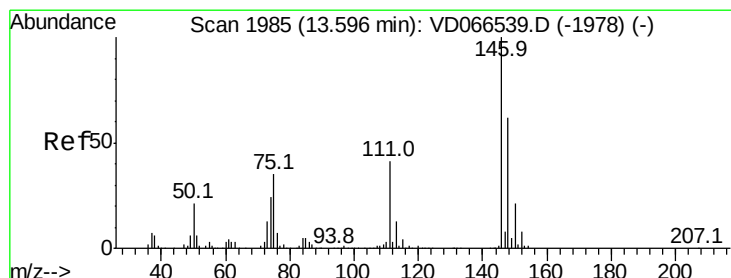
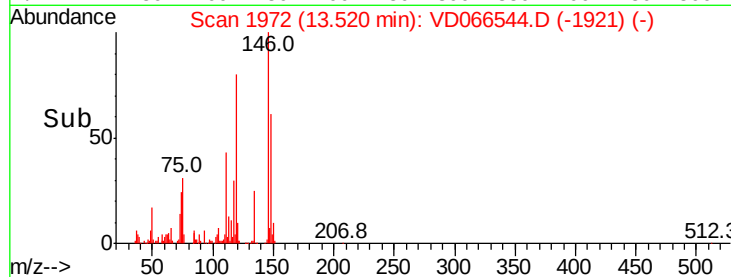
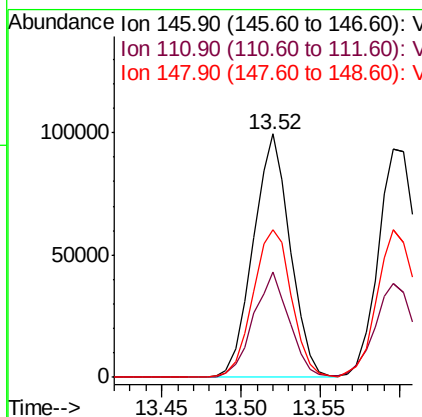
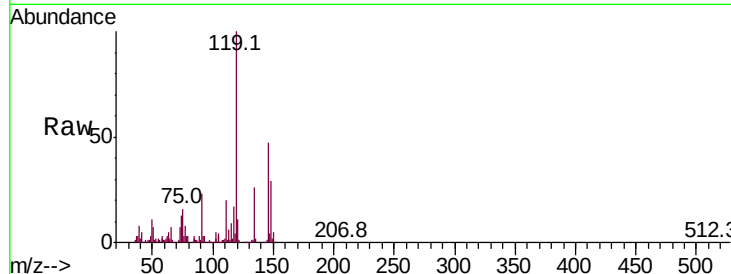
Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.9
148	63.2	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 19.868 ug/l

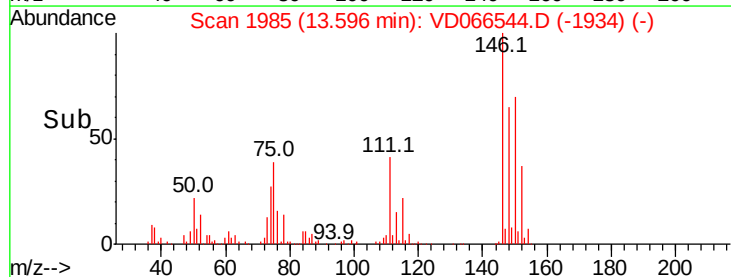
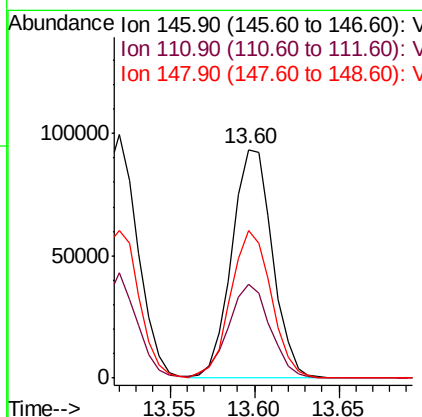
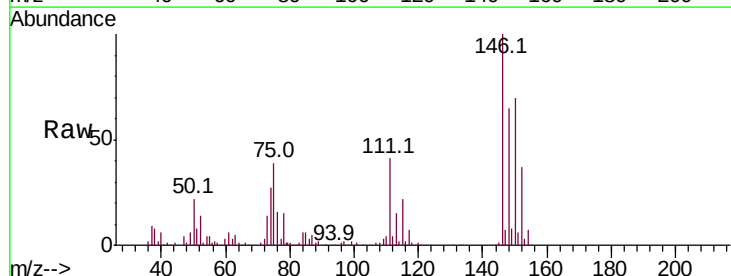
RT: 13.60 min Scan# 1985

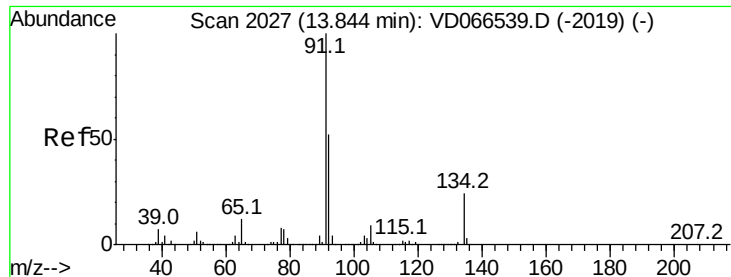
Delta R.T. -0.00 min

Lab File: VD066544.D

Acq: 03 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.2
148	64.6	31.6	94.8

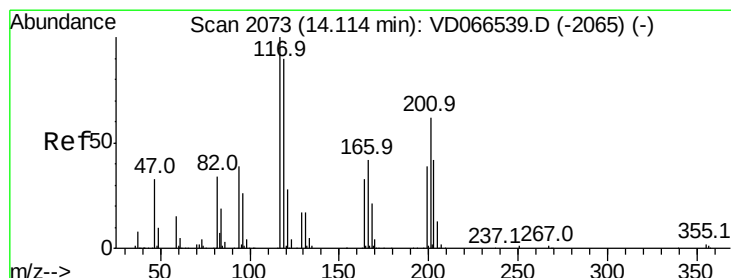
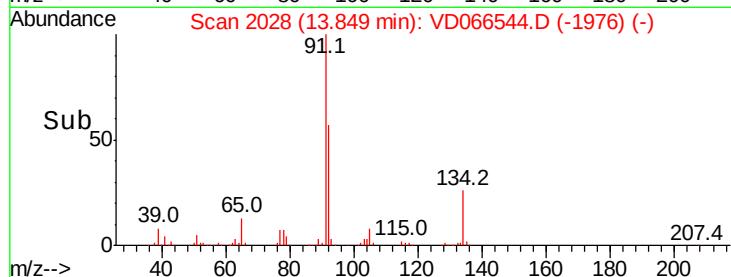
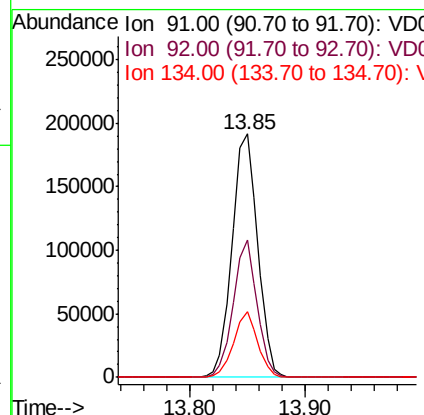
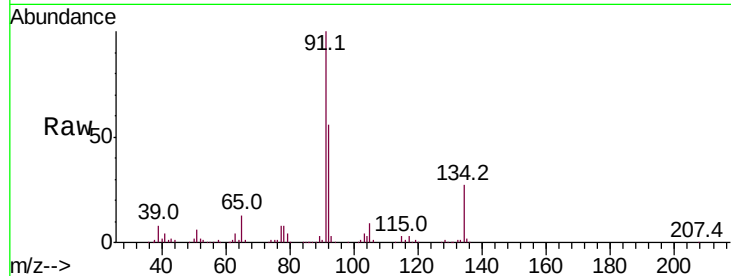




#89
n-Butylbenzene
Concen: 19.082 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

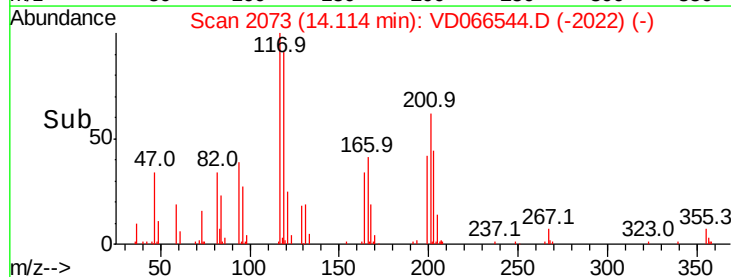
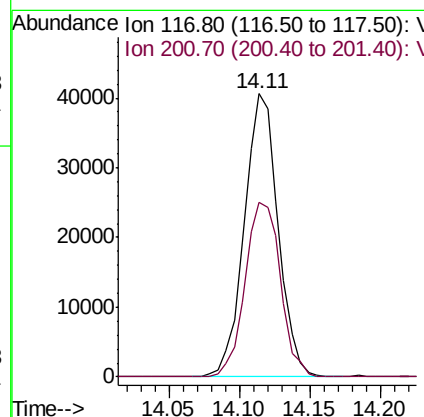
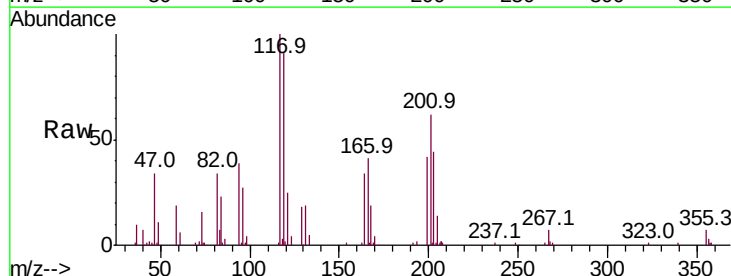
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

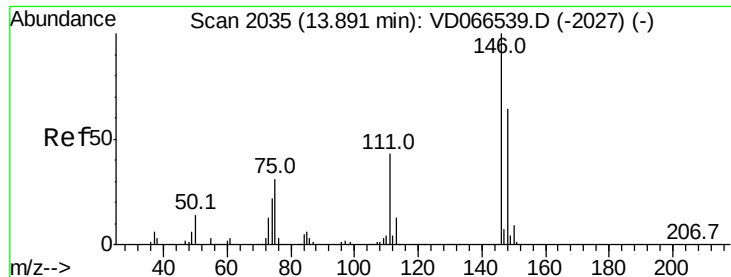
Tot Ion: 91 Resp: 294314
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 25.4 12.1 36.3



#90
Hexachloroethane
Concen: 19.930 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 117 Resp: 67969
Ion Ratio Lower Upper
117 100
201 64.7 31.9 95.5

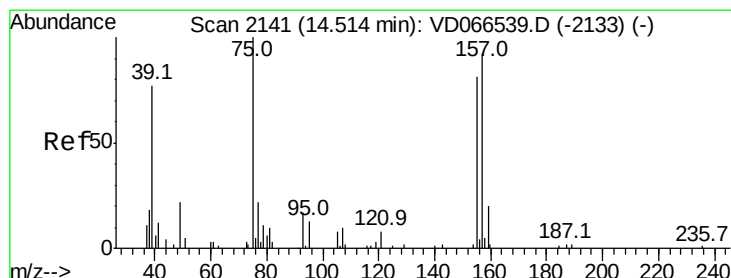
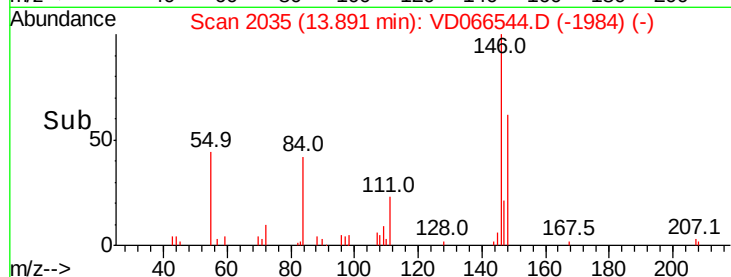
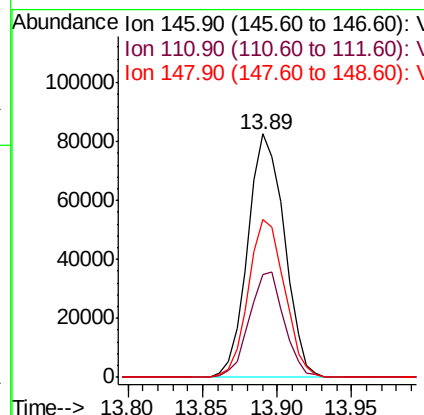
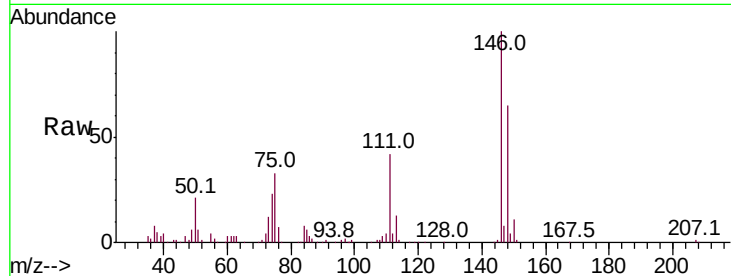




#91
1,2-Dichlorobenzene
Concen: 20.353 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

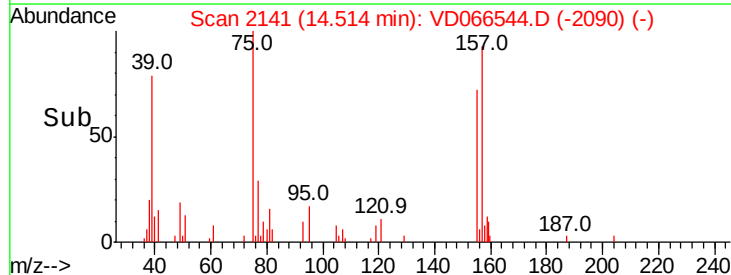
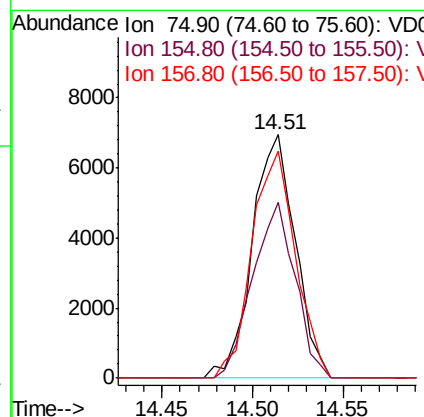
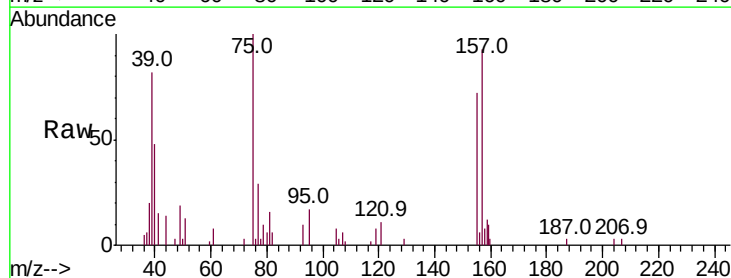
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

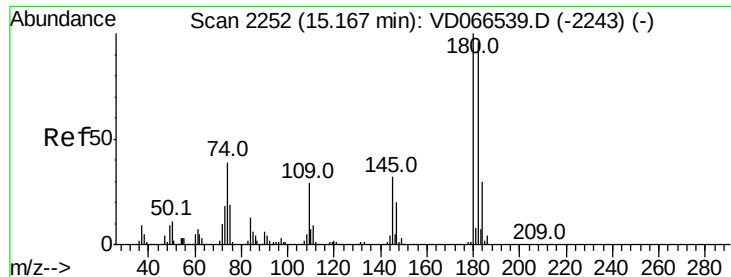
Tot Ion:146 Resp: 139829
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.4
148 64.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.501 ug/l
RT: 14.51 min Scan# 2141
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion: 75 Resp: 11459
Ion Ratio Lower Upper
75 100
155 71.3 39.3 117.8
157 94.5 46.0 137.8

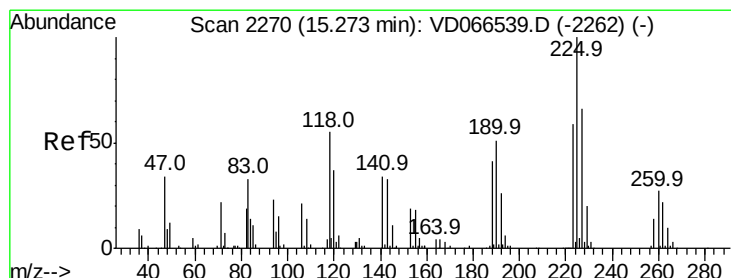
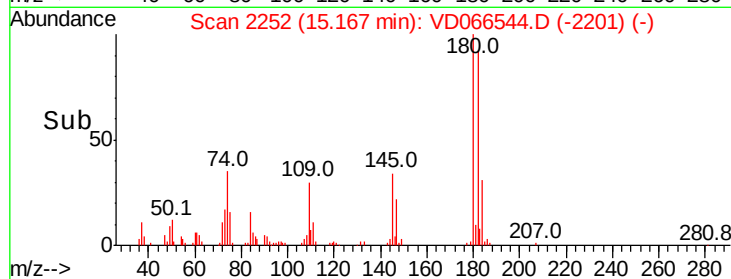
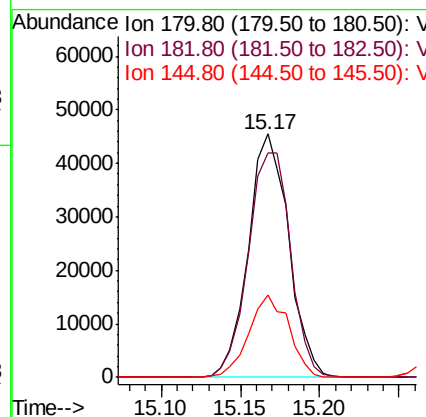
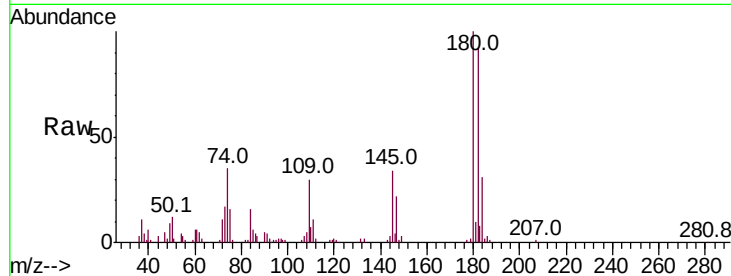




#93
 1,2,4-Trichlorobenzene
 Concen: 19.572 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

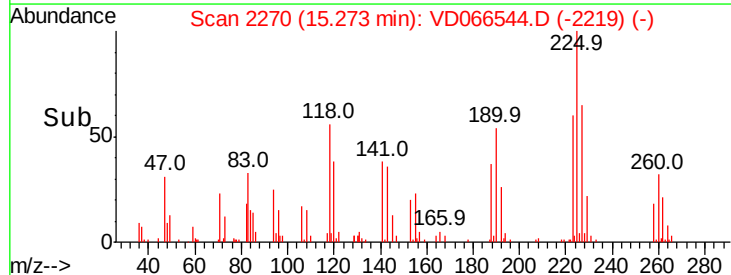
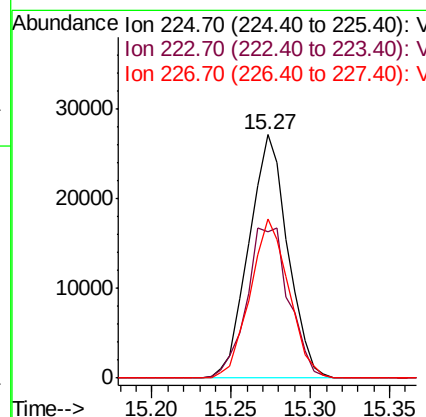
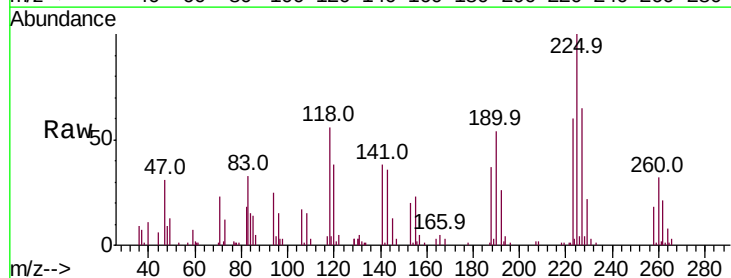
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

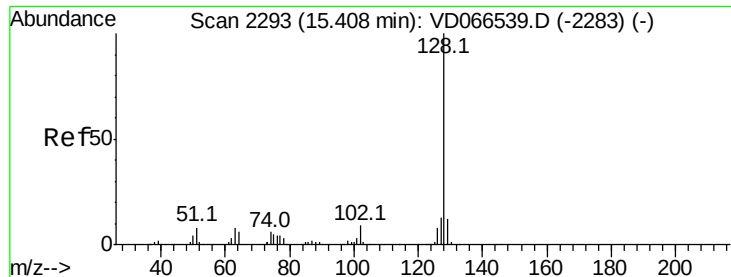
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	33.4	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 18.644 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066544.D
 Acq: 03 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	30.5	91.5
227	65.2	32.4	97.2

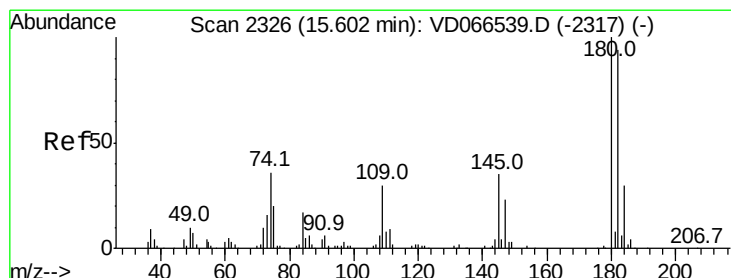
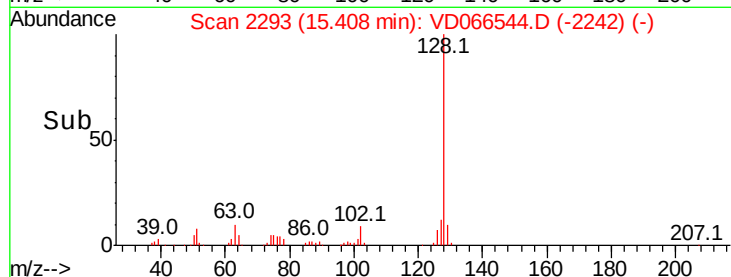
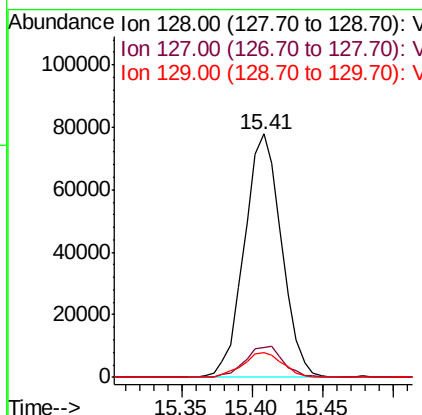
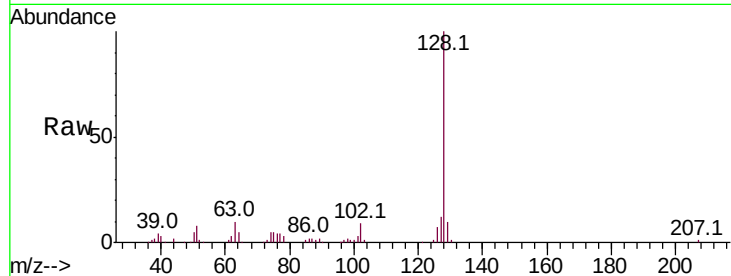




#95
Naphthalene
Concen: 19.960 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

Tot Ion:128 Resp: 143807
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 20.903 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066544.D
Acq: 03 Sep 2020 20:01

Tgt Ion:180 Resp: 73478
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 33.5 17.3 51.7

