

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066630.D
 Acq On : 10 Sep 2020 23:55
 Operator : VA/SY
 Sample : VD0910SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

Quant Time: Sep 11 02:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	321386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	568757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	239624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224837	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.91	113	206910	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.34	98	753555	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
62) 4-Bromofluorobenzene	12.63	95	246187	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	63262	21.598	ug/l	92
3) Chloromethane	2.21	50	91413	22.491	ug/l	97
4) Vinyl Chloride	2.35	62	90097	19.986	ug/l	99
5) Bromomethane	2.76	94	64624	19.941	ug/l	89
6) Chloroethane	2.92	64	58641	20.481	ug/l	100
7) Trichlorofluoromethane	3.27	101	138815	20.845	ug/l	94
8) Diethyl Ether	3.70	74	38358	22.874	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	72997	20.254	ug/l	98
10) Methyl Iodide	4.30	142	65094	22.231	ug/l	100
11) Tert butyl alcohol	5.21	59	32704	108.816	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	68500	21.155	ug/l	99
13) Acrolein	3.92	56	13972	87.878	ug/l	92
14) Allyl chloride	4.72	41	114956	21.663	ug/l	100
15) Acrylonitrile	5.43	53	85670	118.926	ug/l	99
16) Acetone	4.16	43	67716	94.646	ug/l	96
17) Carbon Disulfide	4.40	76	227314	21.355	ug/l	96
18) Methyl Acetate	4.72	43	42131	24.703	ug/l	93
19) Methyl tert-butyl Ether	5.48	73	173801	22.889	ug/l	100
20) Methylene Chloride	4.97	84	105495	23.556	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	84569	21.994	ug/l	94
22) Diisopropyl ether	6.36	45	257444	23.591	ug/l	98
23) Vinyl Acetate	6.30	43	700274	112.764	ug/l	99
24) 1,1-Dichloroethane	6.27	63	154715	22.545	ug/l	98
25) 2-Butanone	7.21	43	106098	110.469	ug/l	96
26) 2,2-Dichloropropane	7.20	77	120812	19.192	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	91440	22.114	ug/l	99
28) Bromochloromethane	7.55	49	55302	20.932	ug/l	98
29) Tetrahydrofuran	7.56	42	70041	117.096	ug/l	99
30) Chloroform	7.71	83	165200	22.754	ug/l	95
31) Cyclohexane	7.98	56	126161	19.888	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	143487	21.021	ug/l	99
36) 1,1-Dichloropropene	8.11	75	117163	19.794	ug/l	99
37) Ethyl Acetate	7.29	43	50883	21.589	ug/l #	89
38) Carbon Tetrachloride	8.09	117	124695	19.931	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	125156	18.936	ug/l	94
40) Benzene	8.34	78	336576	20.762	ug/l	99
41) Methacrylonitrile	7.51	41	17581	15.410	ug/l #	52
42) 1,2-Dichloroethane	8.42	62	109568	20.860	ug/l	100
43) Isopropyl Acetate	8.45	43	94697	20.965	ug/l	98
44) Trichloroethene	9.11	130	88776	20.877	ug/l	91
45) 1,2-Dichloropropane	9.38	63	85677	21.016	ug/l	98
46) Dibromomethane	9.47	93	48002	21.342	ug/l	95
47) Bromodichloromethane	9.66	83	126926	20.858	ug/l #	97
48) Methyl methacrylate	9.45	41	47375	20.743	ug/l	93
49) 1,4-Dioxane	9.46	88	10498	425.445	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	250390	109.919	ug/l	99
52) Toluene	10.40	92	220514	21.489	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	111627	20.780	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	131616	20.402	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	63882	22.090	ug/l	97
56) Ethyl methacrylate	10.65	69	71903	21.354	ug/l #	95
57) 1,3-Dichloropropane	10.94	76	108358	21.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	181265	117.696	ug/l	98
59) 2-Hexanone	10.98	43	163584	106.786	ug/l	99
60) Dibromochloromethane	11.14	129	81772	21.383	ug/l	99
61) 1,2-Dibromoethane	11.24	107	63512	22.574	ug/l	96
64) Tetrachloroethene	10.88	164	67817	19.253	ug/l	94
65) Chlorobenzene	11.67	112	222772	20.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	85569	20.765	ug/l	99
67) Ethyl Benzene	11.74	91	385621	19.450	ug/l	99
68) m/p-Xylenes	11.85	106	299446	40.677	ug/l	97
69) o-Xylene	12.18	106	132871	20.140	ug/l	97
70) Styrene	12.20	104	238754	20.816	ug/l	99
71) Bromoform	12.36	173	43188	20.796	ug/l #	98
73) Isopropylbenzene	12.48	105	371003	20.912	ug/l	99
74) N-amyl acetate	12.29	43	85906	21.379	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	68142	21.741	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	90366	39.212	ug/l #	100
77) Bromobenzene	12.76	156	84586	21.385	ug/l	97
78) n-propylbenzene	12.82	91	448925	20.873	ug/l	100
79) 2-Chlorotoluene	12.91	91	256002	21.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	310396	20.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18792	19.037	ug/l	93
82) 4-Chlorotoluene	13.00	91	276241	21.410	ug/l	98
83) tert-Butylbenzene	13.23	119	253346	20.776	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	307583	20.689	ug/l	100
85) sec-Butylbenzene	13.40	105	357730	20.362	ug/l	99
86) p-Isopropyltoluene	13.52	119	319922	20.232	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	161535	20.571	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	164229	20.837	ug/l	99
89) n-Butylbenzene	13.84	91	296588	19.248	ug/l	99
90) Hexachloroethane	14.11	117	67499	19.811	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	143867	20.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11490	21.580	ug/l	93

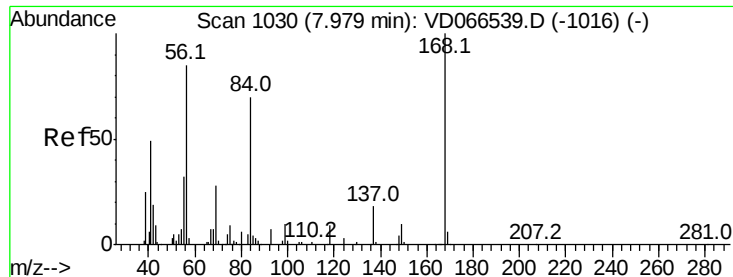
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
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Instrument :
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Quant Time: Sep 11 02:10:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	83086	20.171	ug/l	98
94) Hexachlorobutadiene	15.27	225	46105	18.631	ug/l	96
95) Naphthalene	15.41	128	148080	20.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	71674	20.409	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

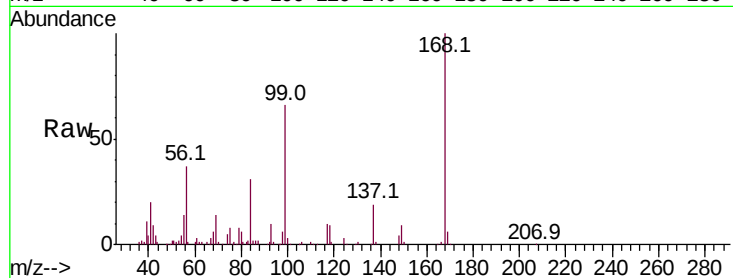
VD0910SBS02

Tot Ion:168 Resp: 321386

Ion Ratio Lower Upper

168 100

99 65.4 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

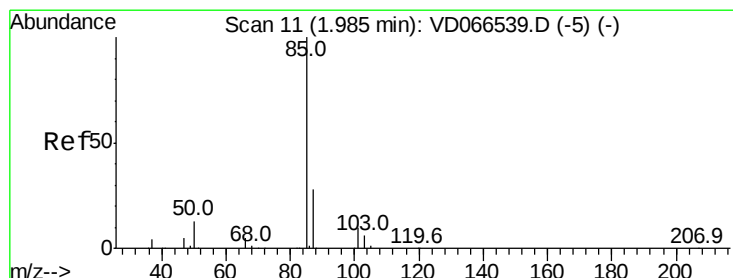
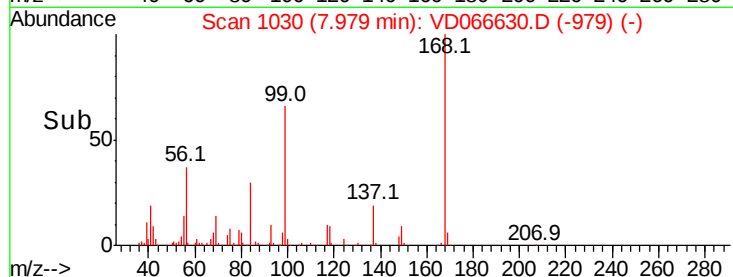
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.598 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066630.D

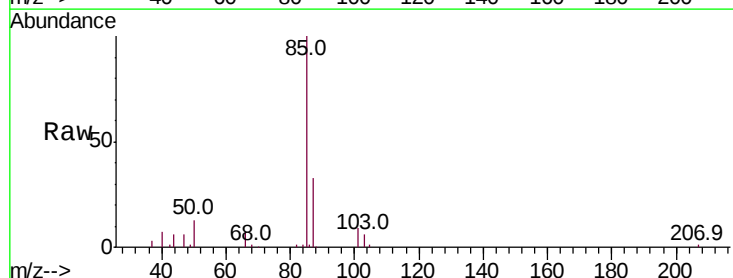
Acq: 10 Sep 2020 23:55

Tgt Ion: 85 Resp: 63262

Ion Ratio Lower Upper

85 100

87 32.5 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

50000

40000

30000

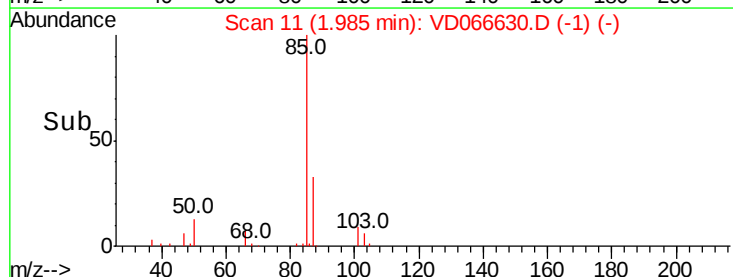
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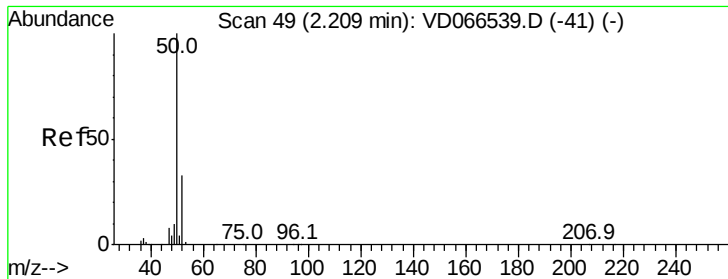
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.491 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

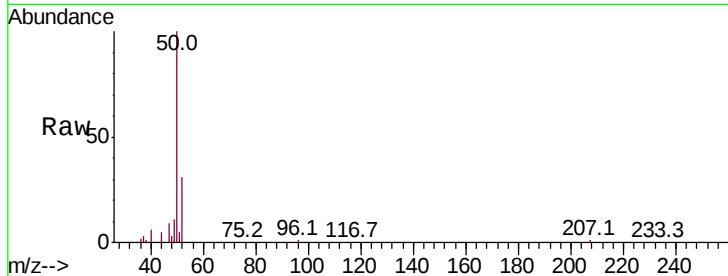
VD0910SBS02

Tot Ion: 50 Resp: 91413

Ion Ratio Lower Upper

50 100

52 30.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

60000

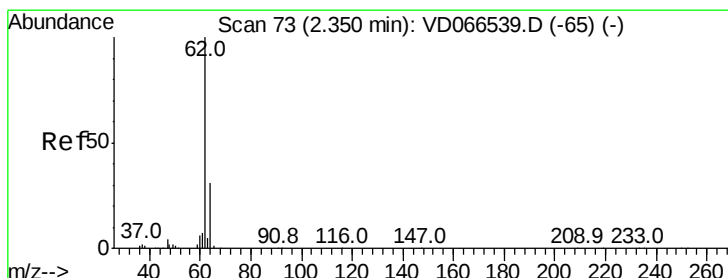
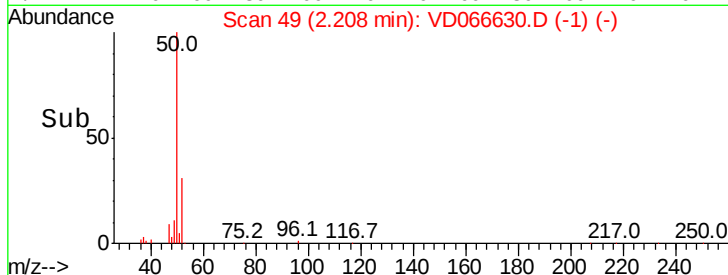
40000

20000

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Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 19.986 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066630.D

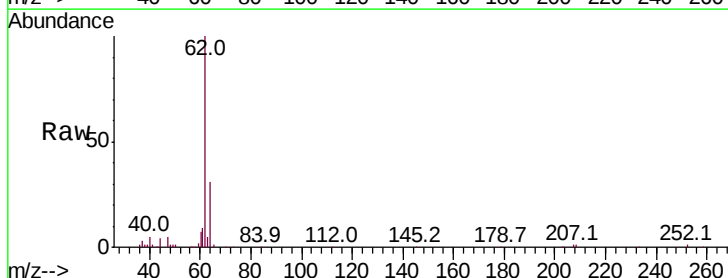
Acq: 10 Sep 2020 23:55

Tgt Ion: 62 Resp: 90097

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

60000

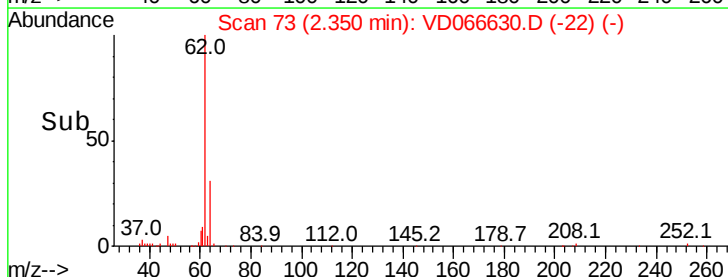
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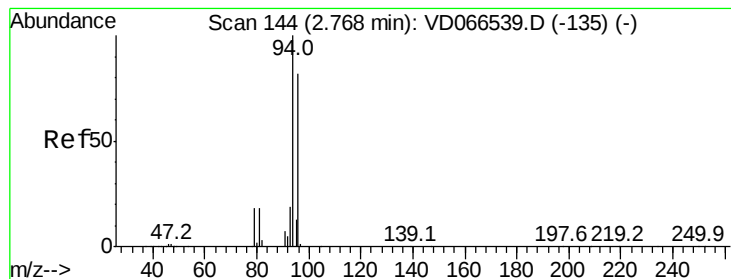
20000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 19.941 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

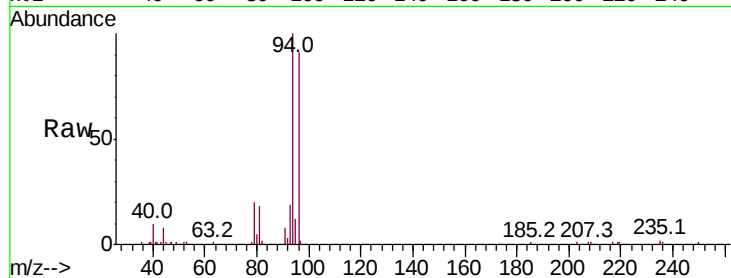
VD0910SBS02

Tot Ion: 94 Resp: 64624

Ion Ratio Lower Upper

94 100

96 91.3 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

30000

25000

20000

15000

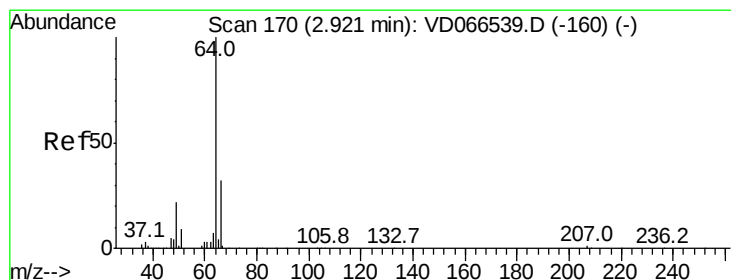
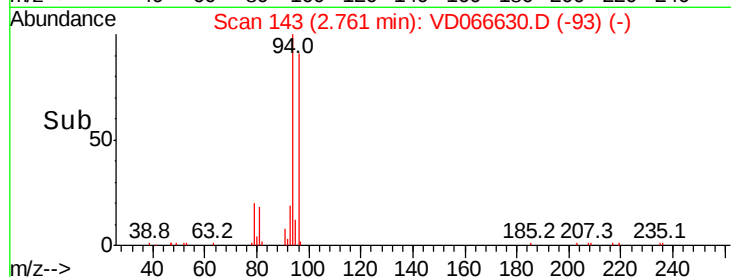
10000

5000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 20.481 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066630.D

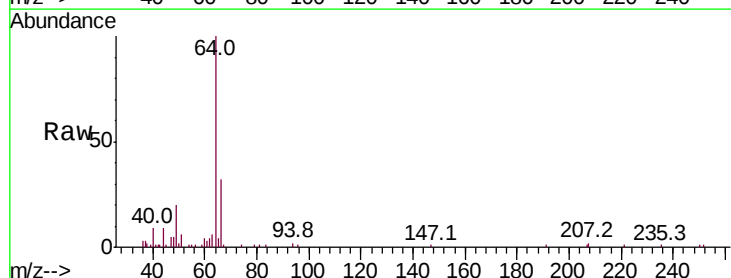
Acq: 10 Sep 2020 23:55

Tgt Ion: 64 Resp: 58641

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

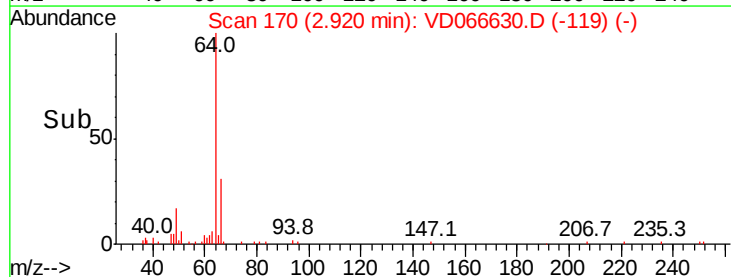
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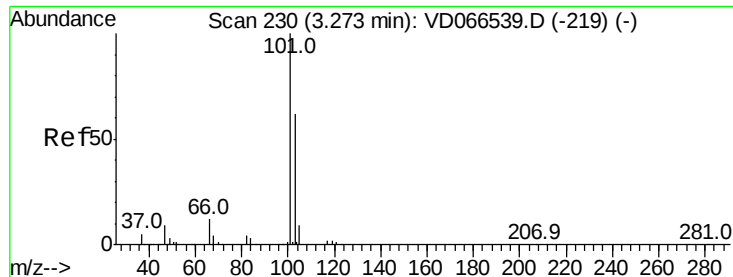
10000

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Time-->

2.85 2.90 2.95 3.00



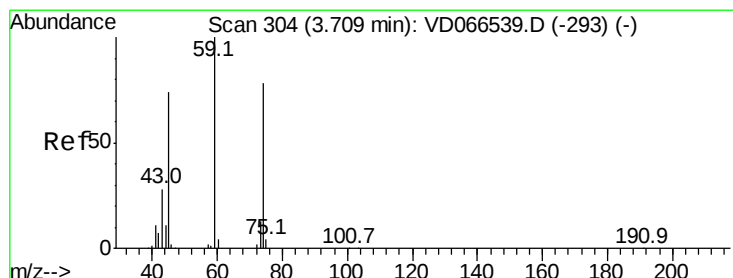
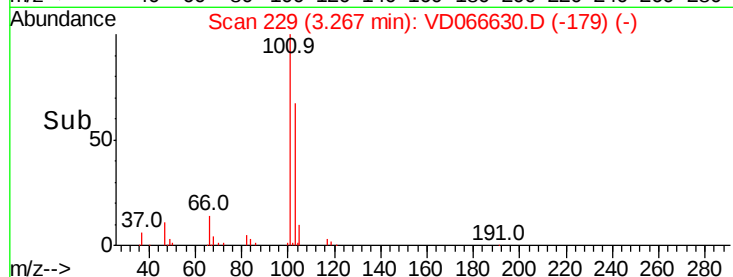
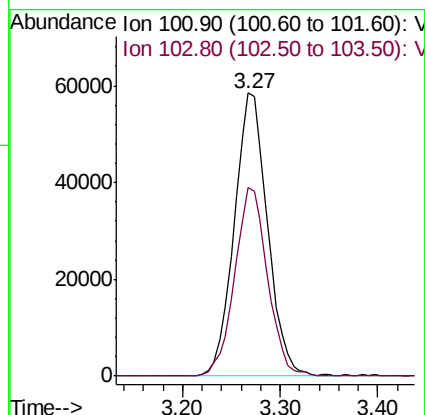
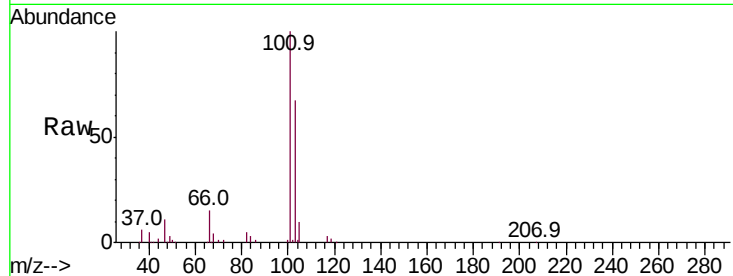


#7

Trichlorofluoromethane
 Concen: 20.845 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

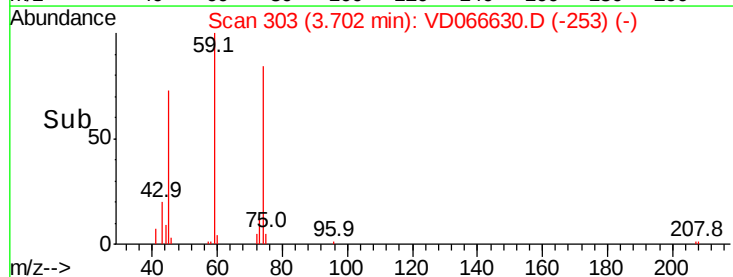
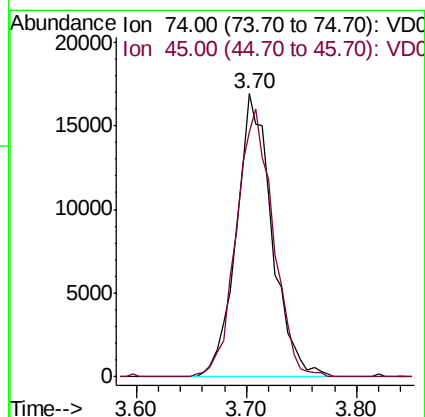
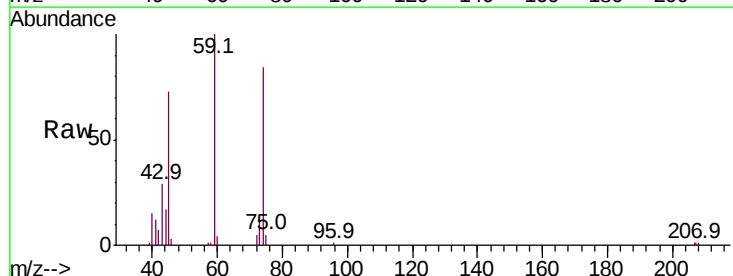
Tot Ion:101 Resp: 138815
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.7 74.5

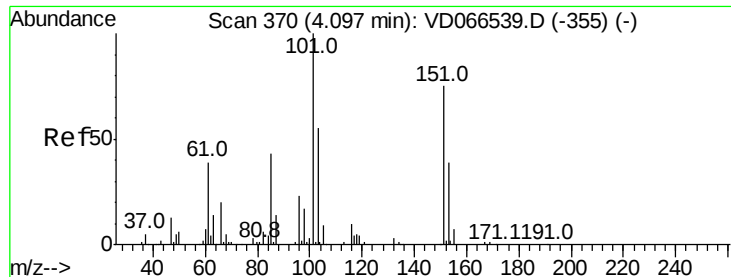


#8

Diethyl Ether
 Concen: 22.874 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 74 Resp: 38358
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.254 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

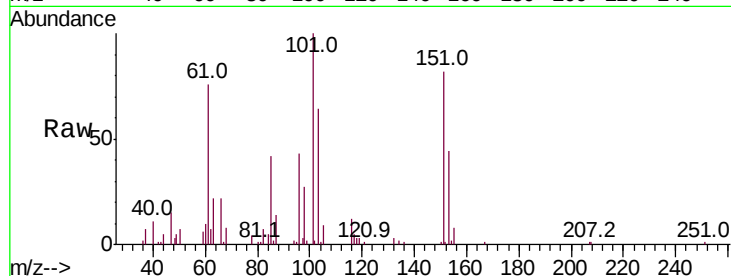
Tot Ion:101 Resp: 72997

Ion Ratio Lower Upper

101 100

85 46.1 37.0 55.6

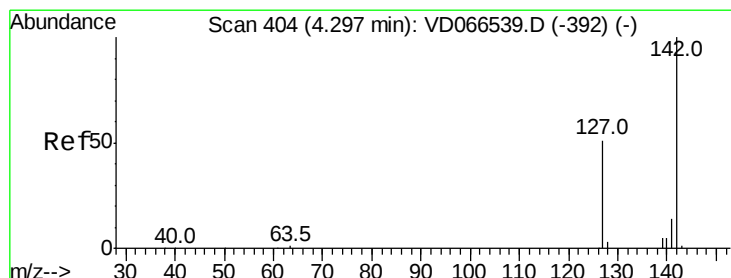
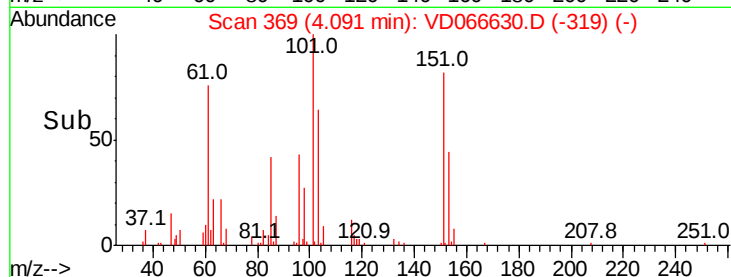
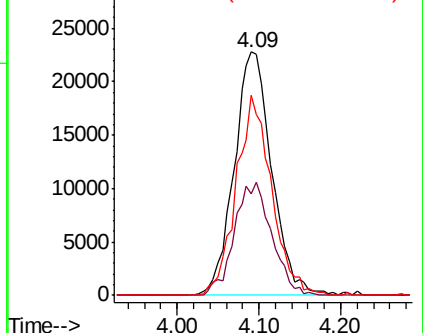
151 77.2 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.231 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

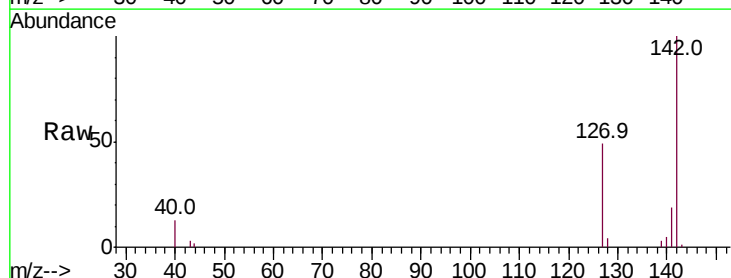
Tgt Ion:142 Resp: 65094

Ion Ratio Lower Upper

142 100

127 50.7 40.6 61.0

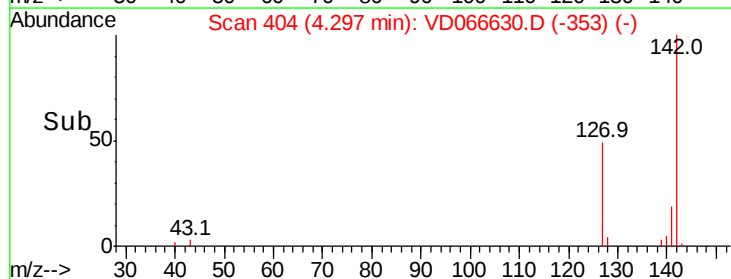
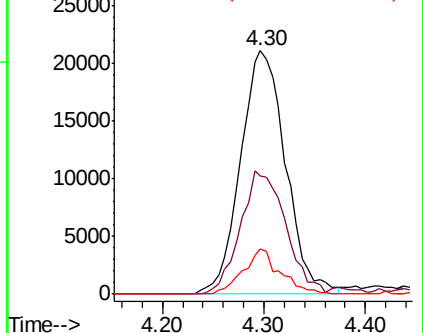
141 15.3 12.2 18.4

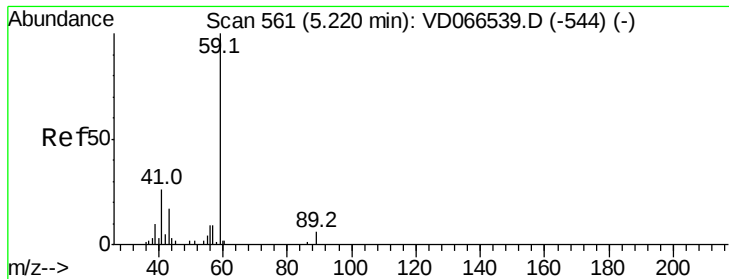


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



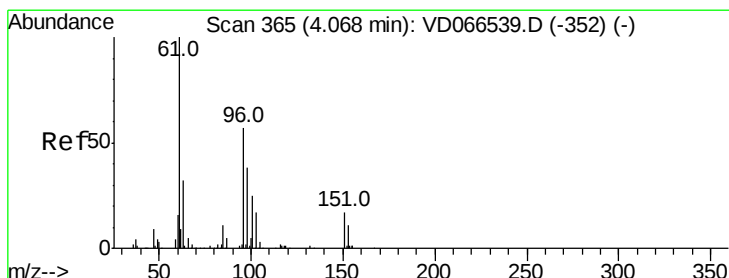
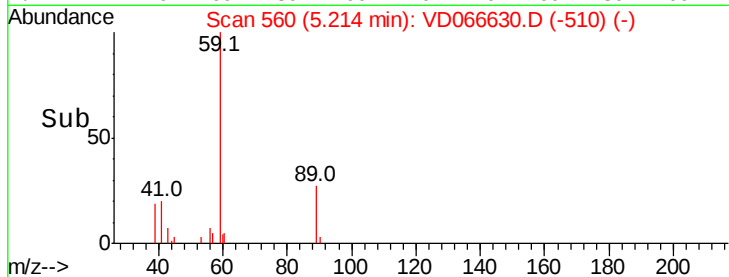
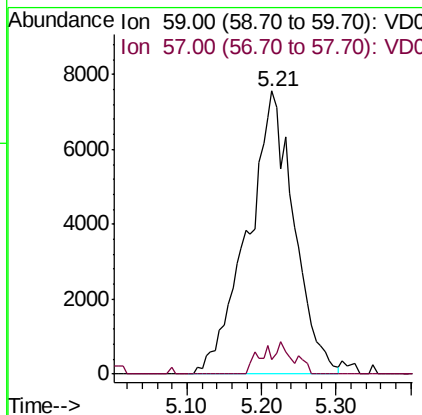
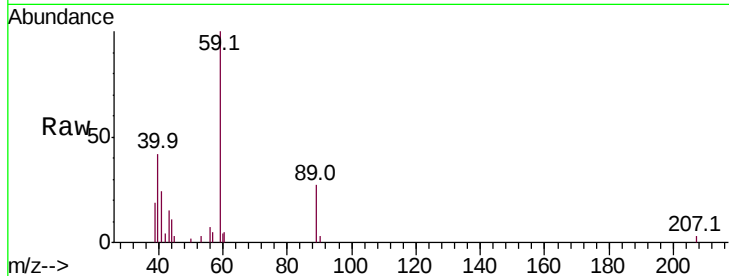


#11

Tert butyl alcohol
 Concen: 108.816 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

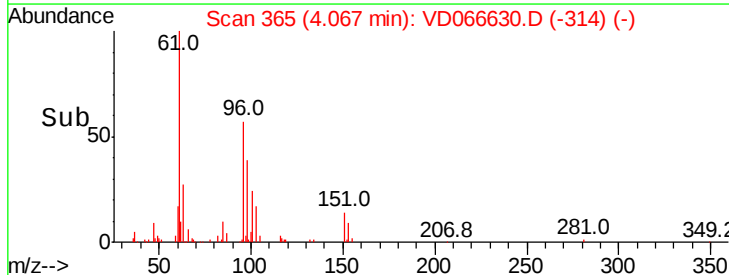
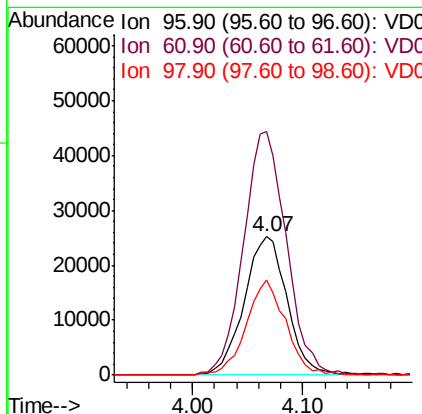
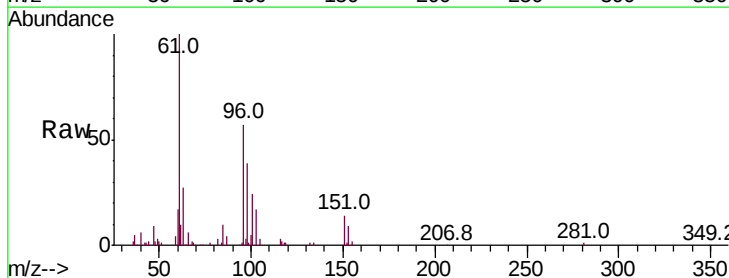
Tot Ion: 59 Resp: 32704
 Ion Ratio Lower Upper
 59 100
 57 3.1 7.6 11.4#

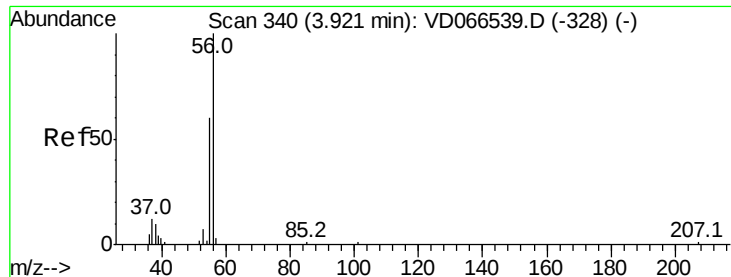


#12

1,1-Dichloroethene
 Concen: 21.155 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 96 Resp: 68500
 Ion Ratio Lower Upper
 96 100
 61 175.8 140.9 211.3
 98 68.9 53.2 79.8





#13

Acrolein

Concen: 87.878 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

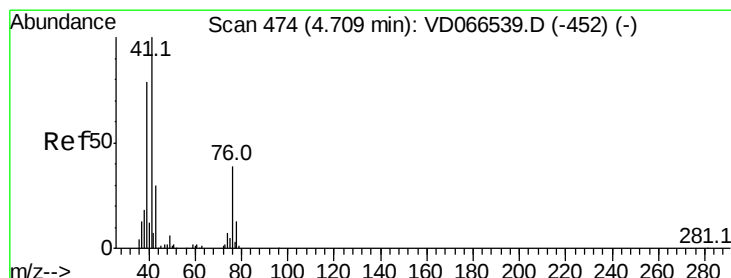
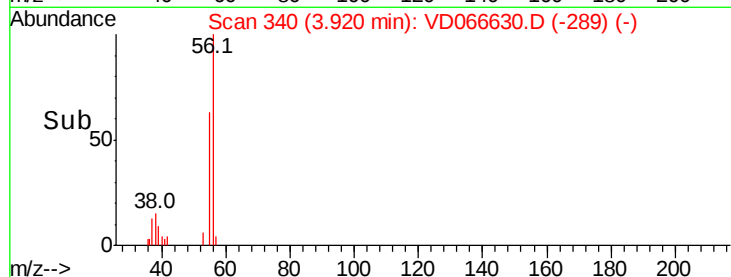
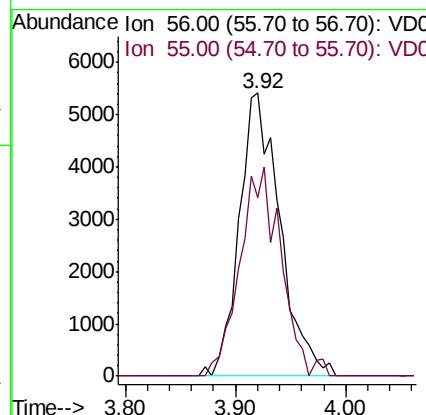
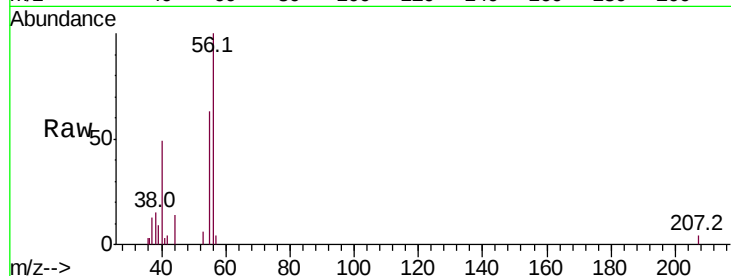
VD0910SBS02

Tot Ion: 56 Resp: 13972

Ion Ratio Lower Upper

56 100

55 73.2 53.6 80.4



#14

Allyl chloride

Concen: 21.663 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

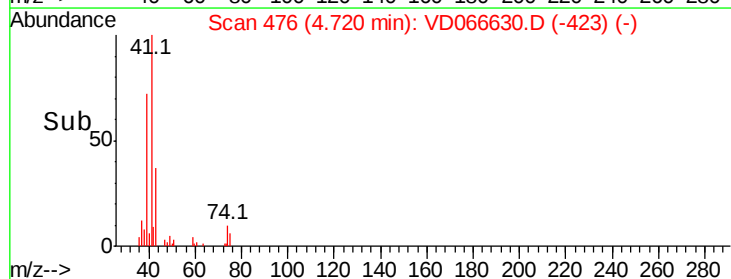
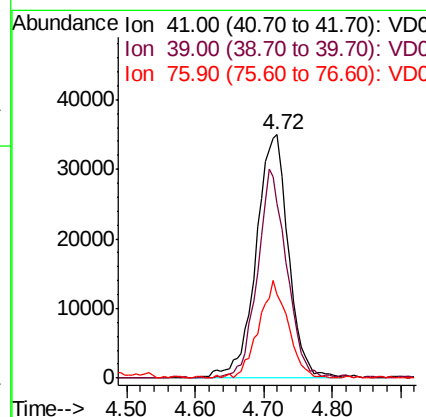
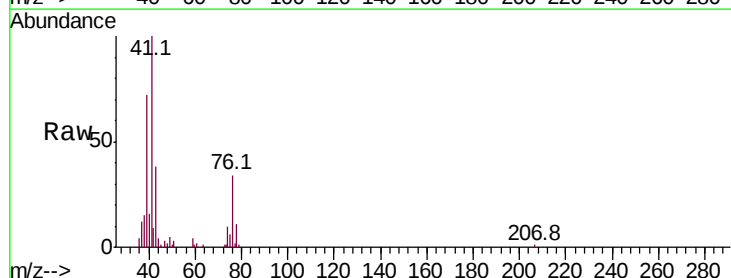
Tgt Ion: 41 Resp: 114956

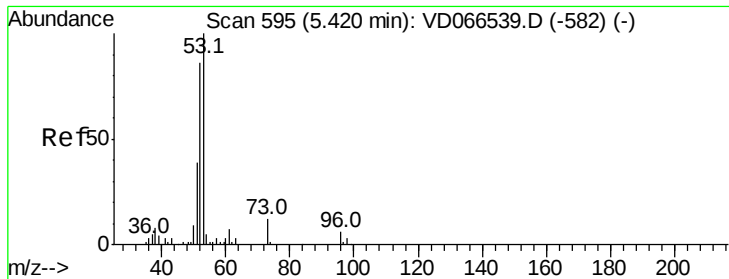
Ion Ratio Lower Upper

41 100

39 77.0 61.9 92.9

76 36.1 29.0 43.6





#15

Acrylonitrile

Concen: 118.926 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

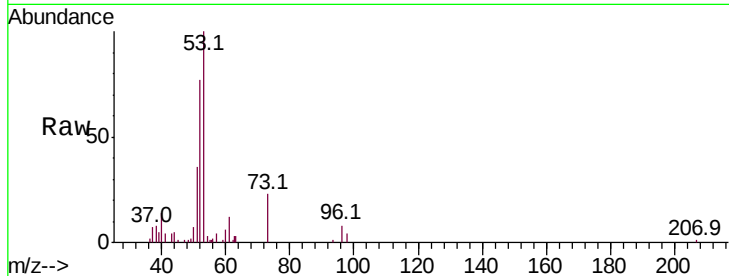
Tot Ion: 53 Resp: 85670

Ion Ratio Lower Upper

53 100

52 82.7 65.4 98.2

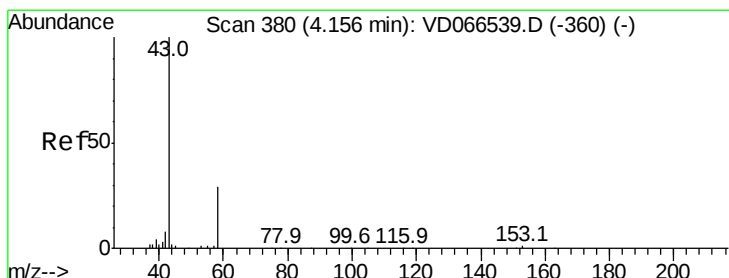
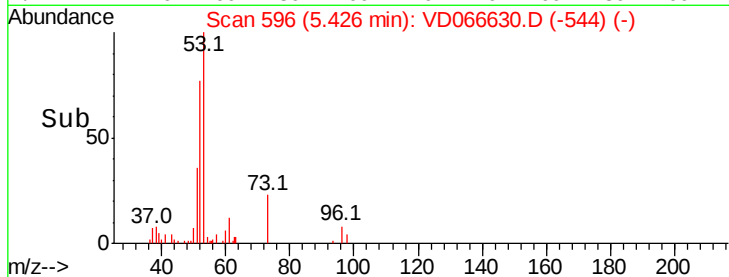
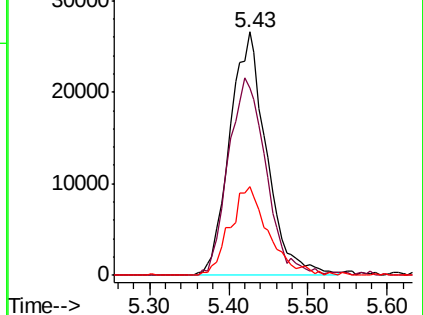
51 38.0 31.2 46.8



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: 94.646 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066630.D

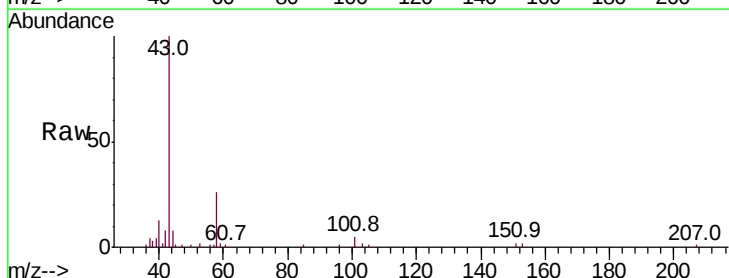
Acq: 10 Sep 2020 23:55

Tgt Ion: 43 Resp: 67716

Ion Ratio Lower Upper

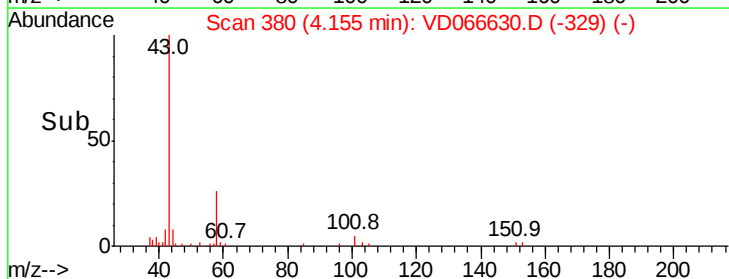
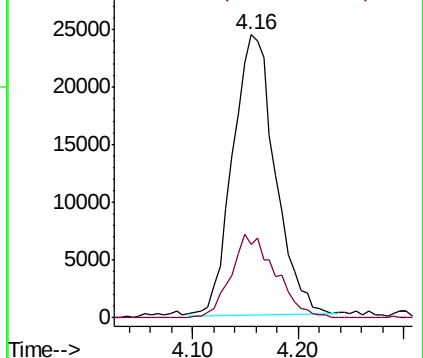
43 100

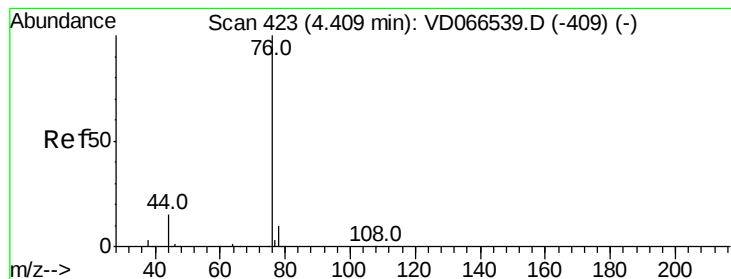
58 26.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 21.355 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

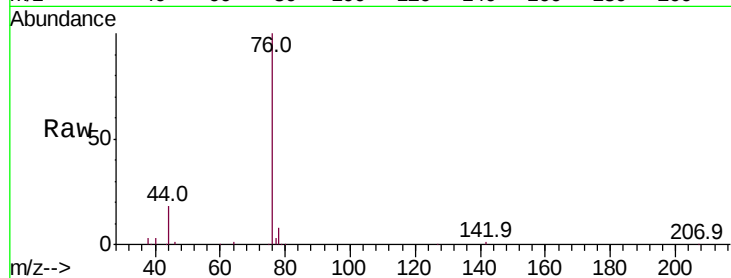
VD0910SBS02

Tot Ion: 76 Resp: 227314

Ion Ratio Lower Upper

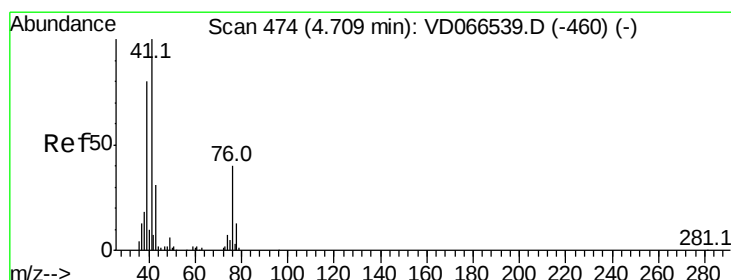
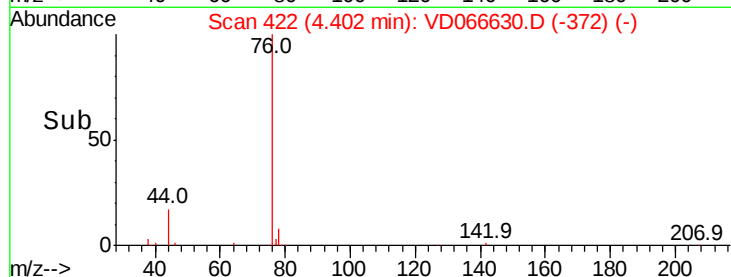
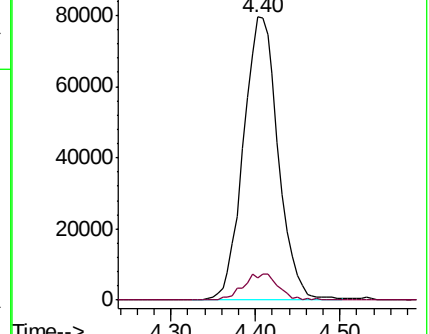
76 100

78 8.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.703 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066630.D

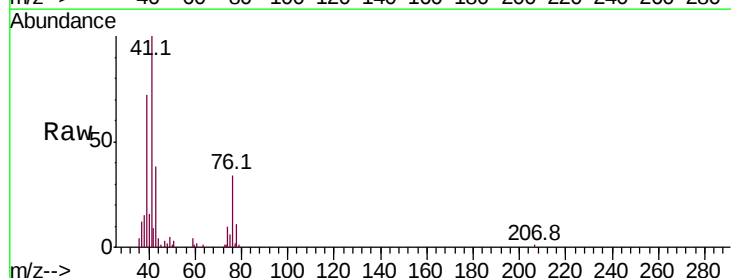
Acq: 10 Sep 2020 23:55

Tgt Ion: 43 Resp: 42131

Ion Ratio Lower Upper

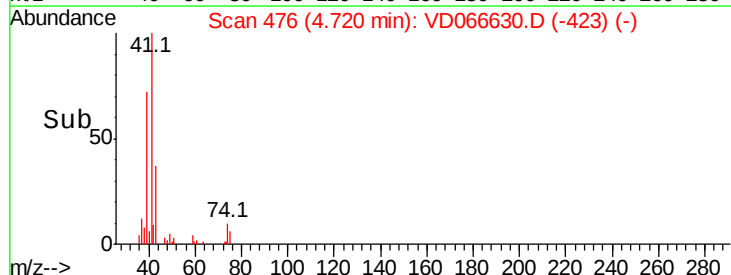
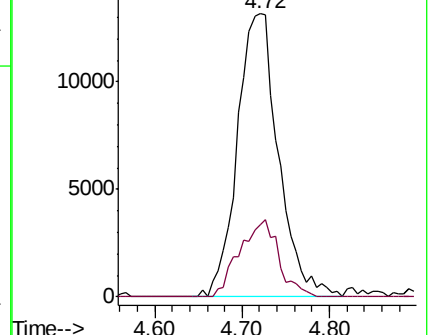
43 100

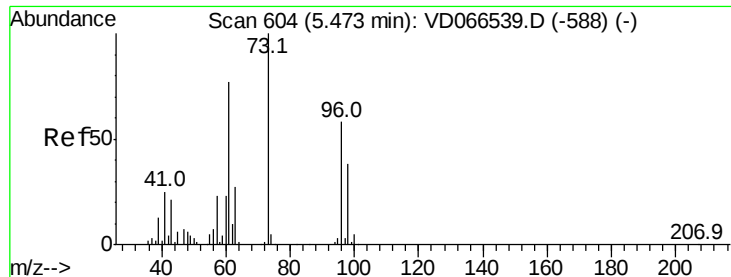
74 26.0 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 22.889 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

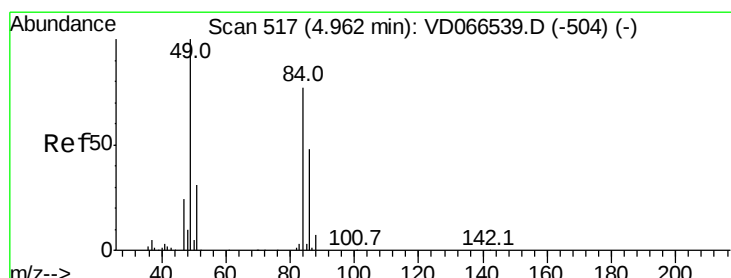
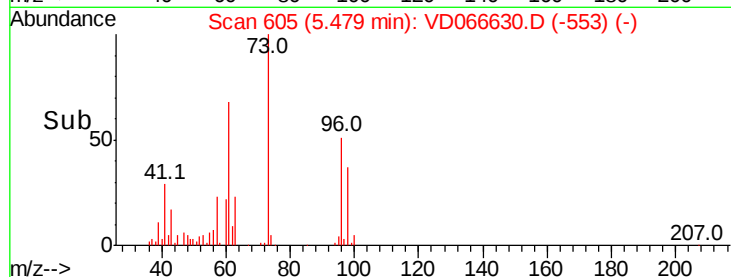
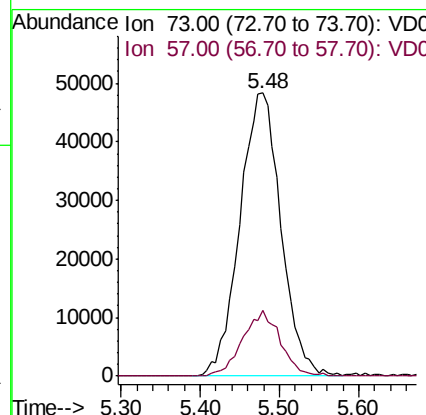
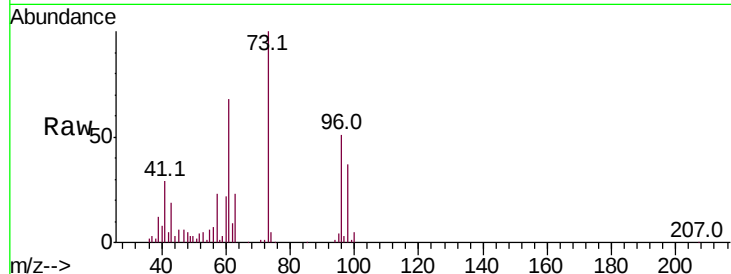
Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

Tot Ion: 73 Resp: 173801

Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.3	27.5



#20

Methylene Chloride

Concen: 23.556 ug/l

RT: 4.97 min Scan# 518

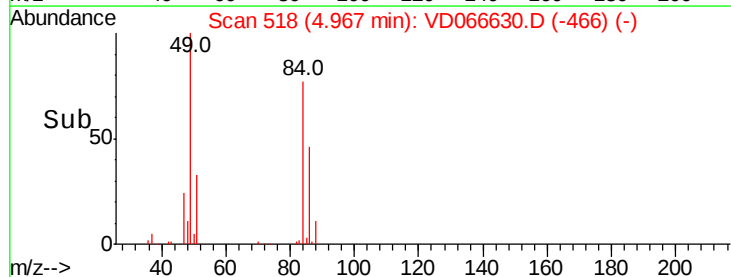
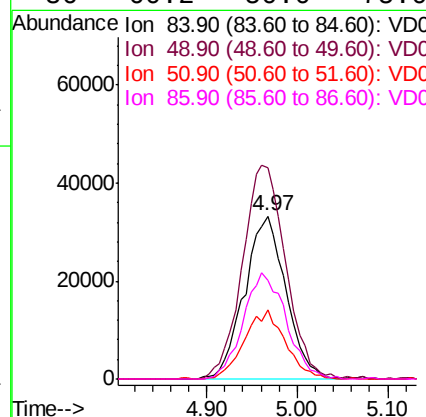
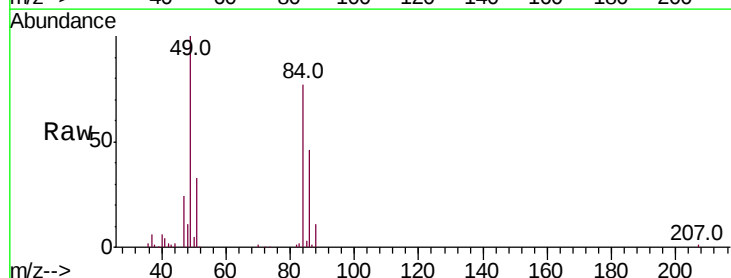
Delta R.T. 0.01 min

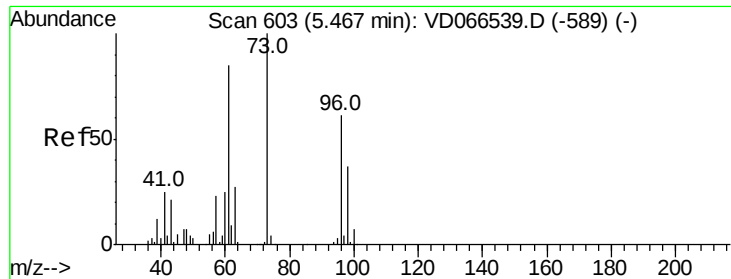
Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Tgt Ion: 84 Resp: 105495

Ion	Ratio	Lower	Upper
84	100		
49	129.8	104.3	156.5
51	42.7	32.2	48.4
86	60.2	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 21.994 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

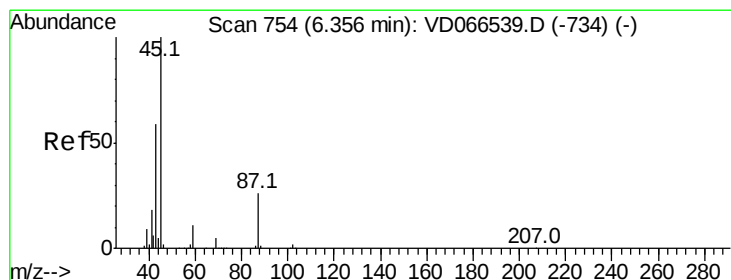
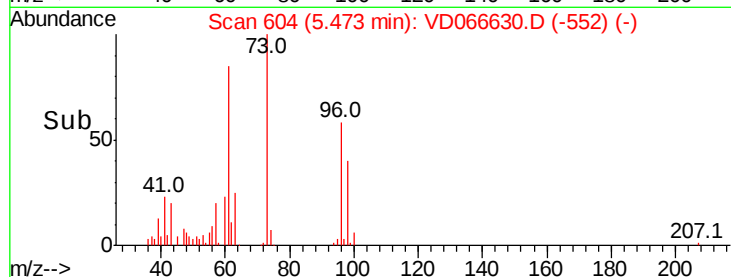
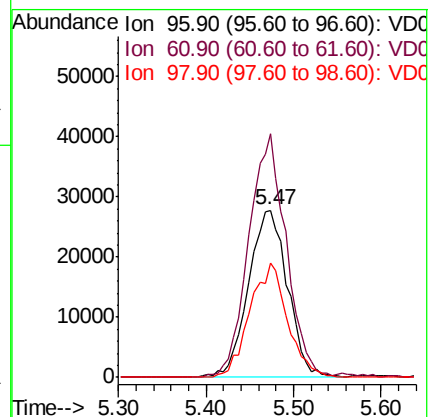
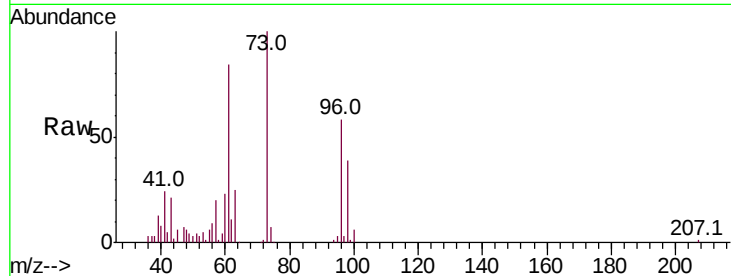
Tot Ion: 96 Resp: 84569

Ion Ratio Lower Upper

96 100

61 145.8 112.1 168.1

98 68.6 48.6 72.8



#22

Diisopropyl ether

Concen: 23.591 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Tgt Ion: 45 Resp: 257444

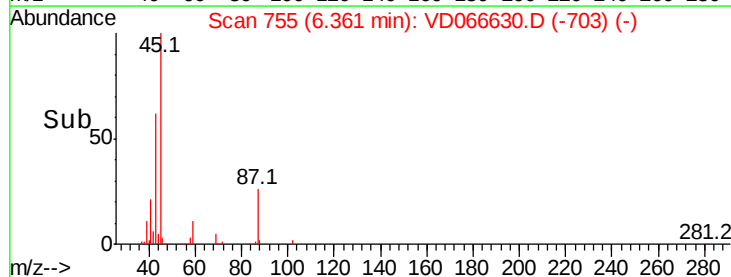
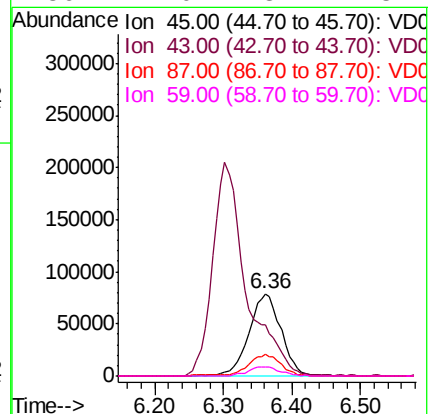
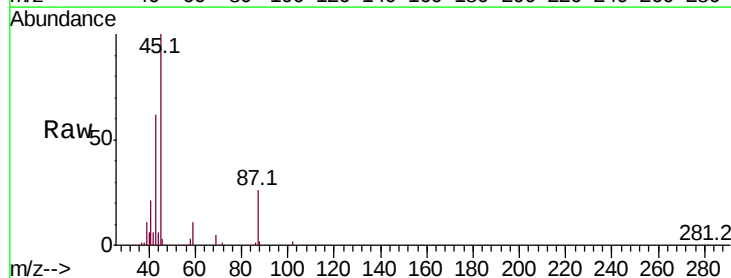
Ion Ratio Lower Upper

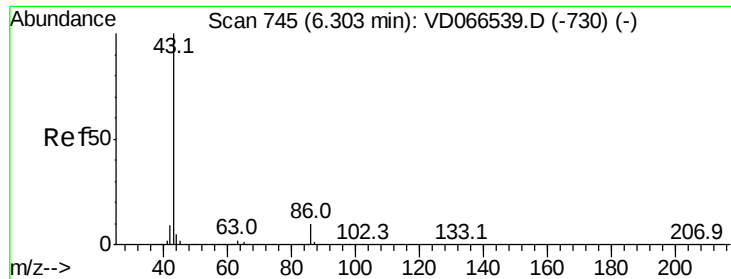
45 100

43 60.7 47.0 70.4

87 26.0 21.3 31.9

59 11.0 8.7 13.1

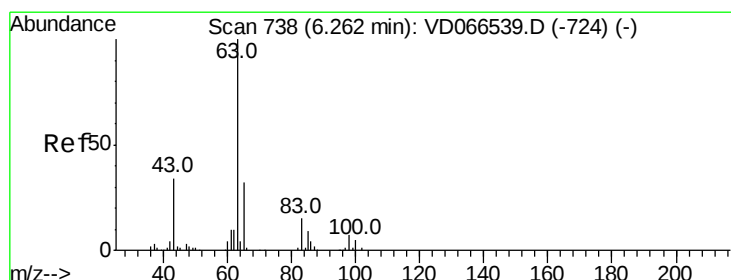
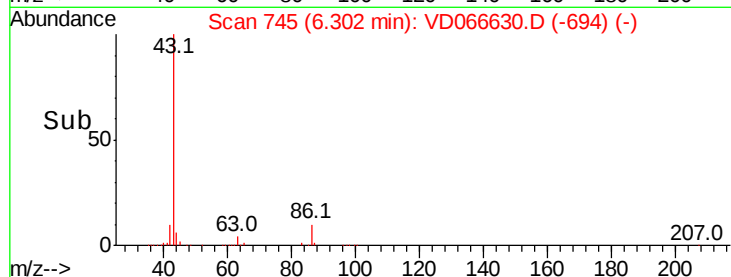
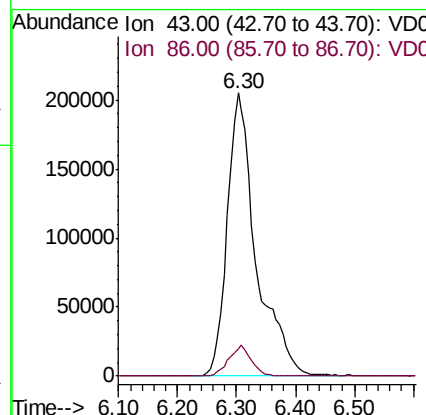
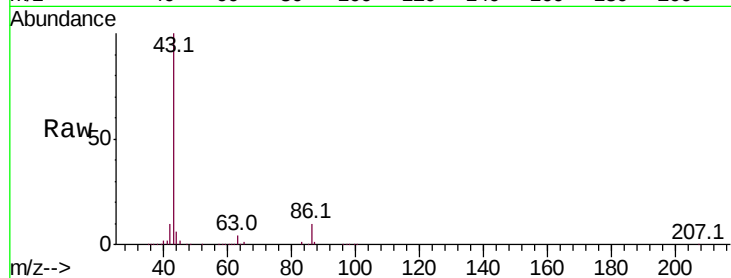




#23
 Vinyl Acetate
 Concen: 112.764 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

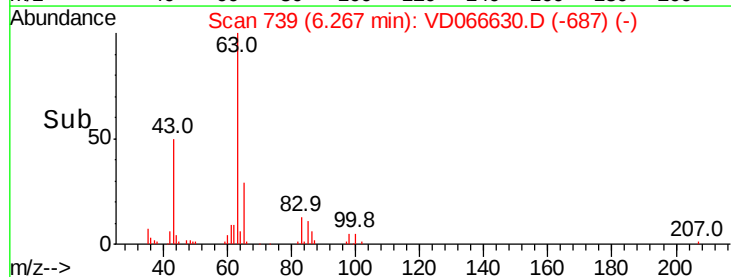
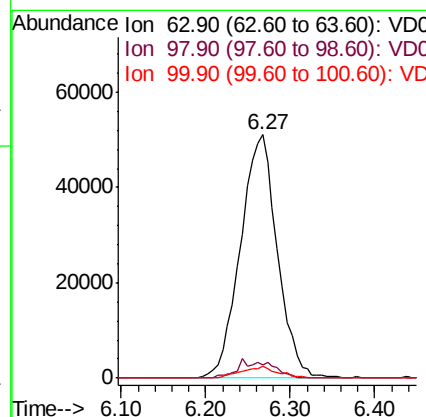
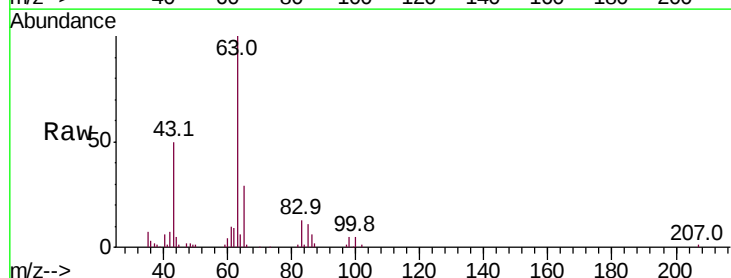
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

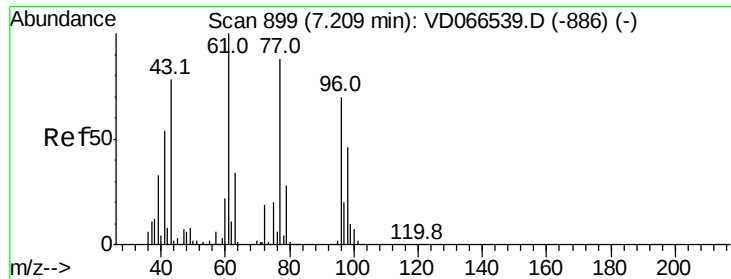
Tot Ion: 43 Resp: 700274
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 22.545 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 63 Resp: 154715
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.4 10.1
 100 4.9 2.5 7.4

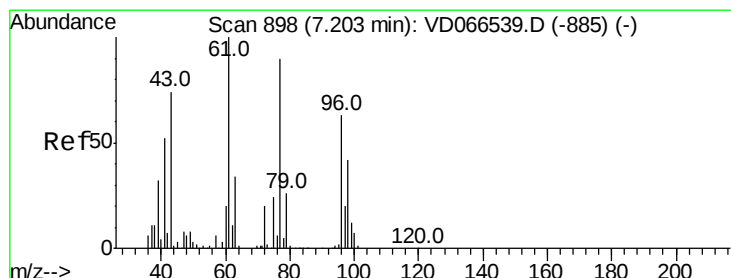
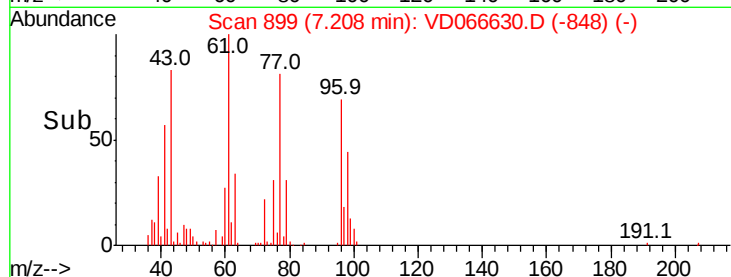
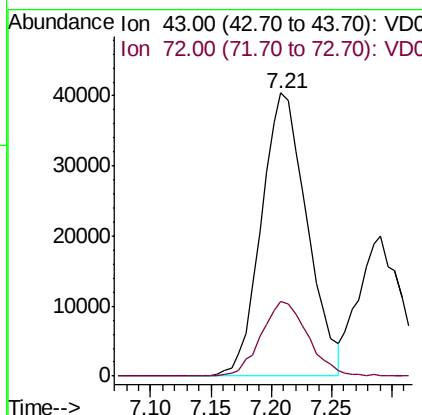
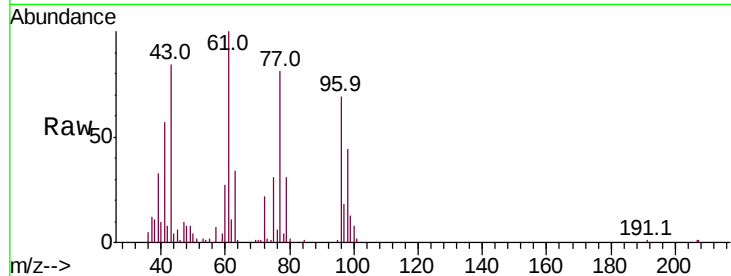




#25
2-Butanone
Concen: 110.469 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

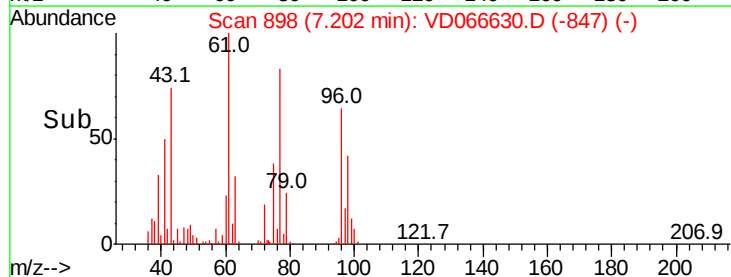
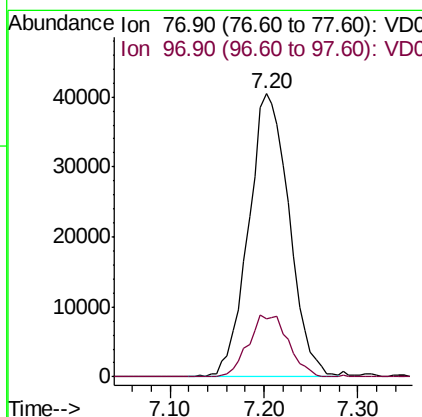
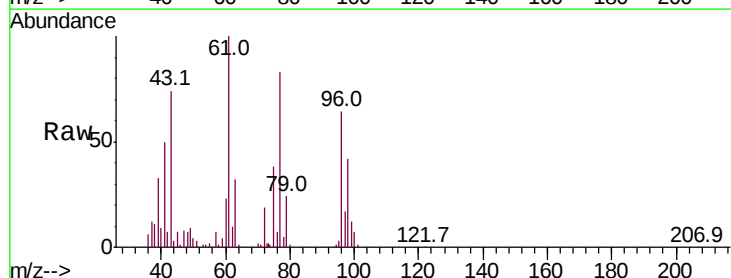
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

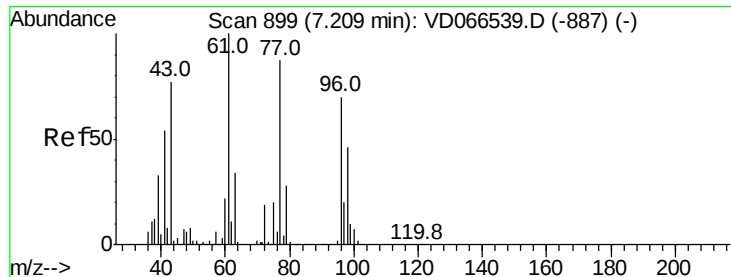
Tot Ion: 43 Resp: 106098
Ion Ratio Lower Upper
43 100
72 26.6 19.8 29.6



#26
2,2-Dichloropropane
Concen: 19.192 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 77 Resp: 120812
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3



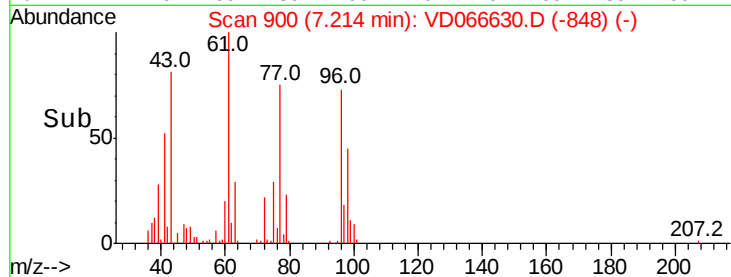
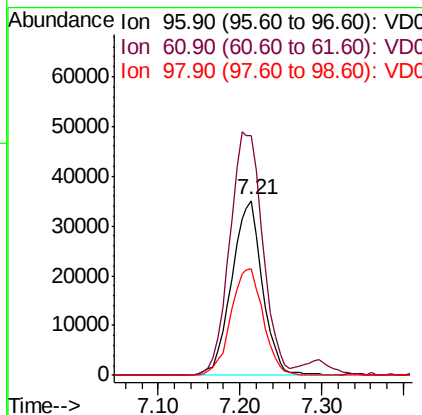
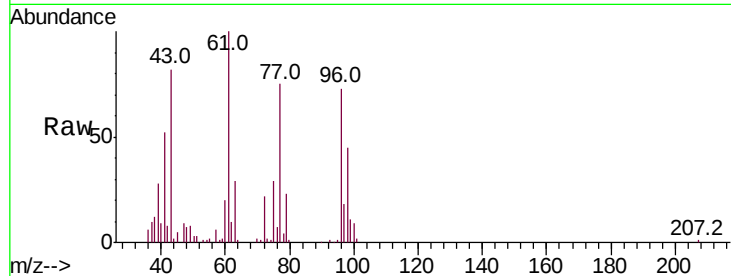


#27

cis-1,2-Dichloroethene
 Concen: 22.114 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

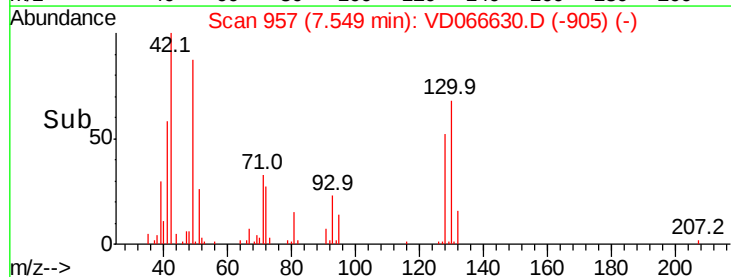
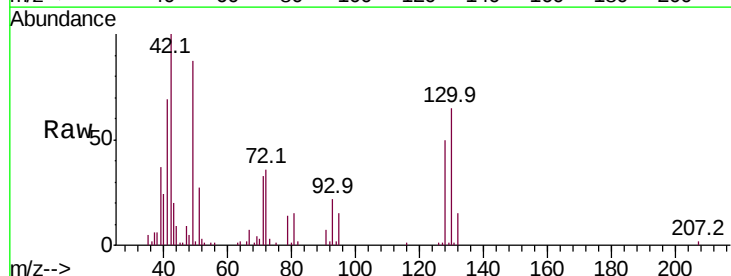
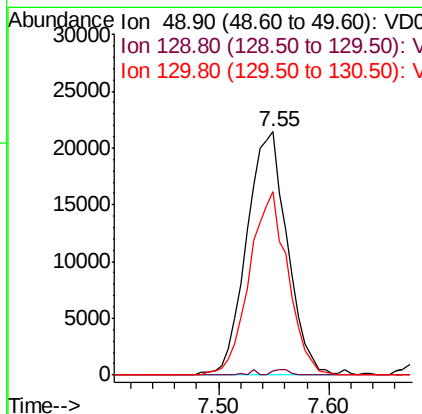
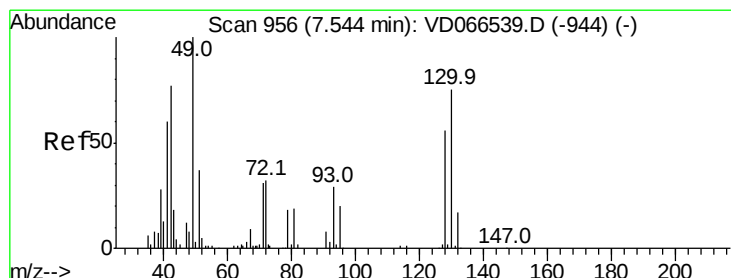
Tot Ion: 96 Resp: 91440
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 301.0
 98 64.1 0.0 129.8

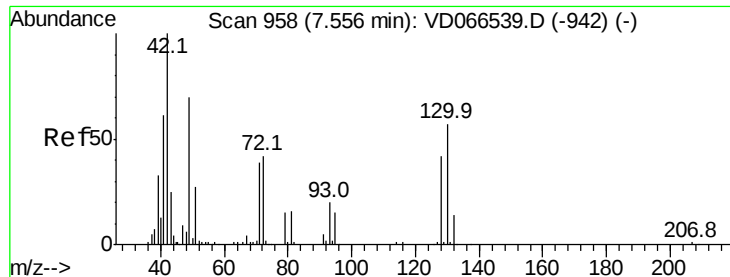


#28

Bromochloromethane
 Concen: 20.932 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 49 Resp: 55302
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.6
 130 71.4 58.2 87.2

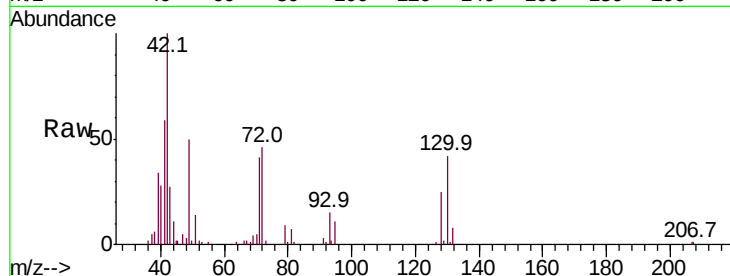




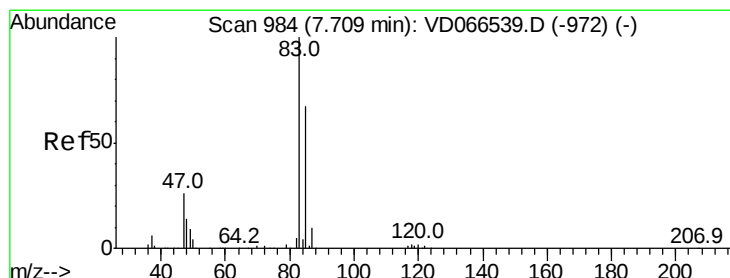
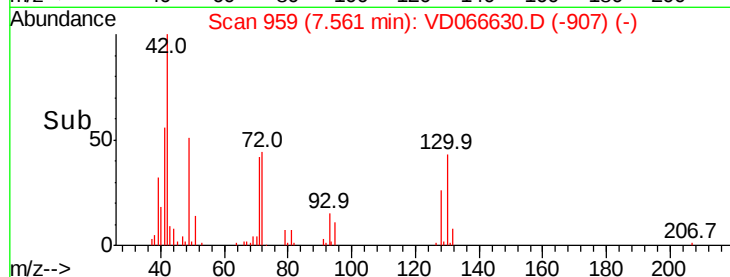
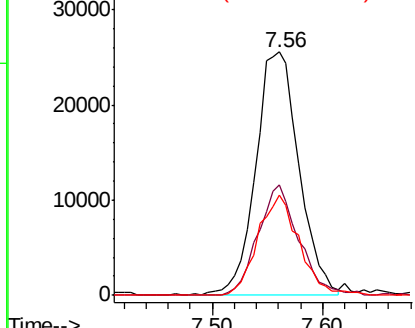
#29
Tetrahydrofuran
Concen: 117.096 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

Tot Ion: 42 Resp: 70041
Ion Ratio Lower Upper
42 100
72 42.8 33.4 50.0
71 39.4 31.9 47.9

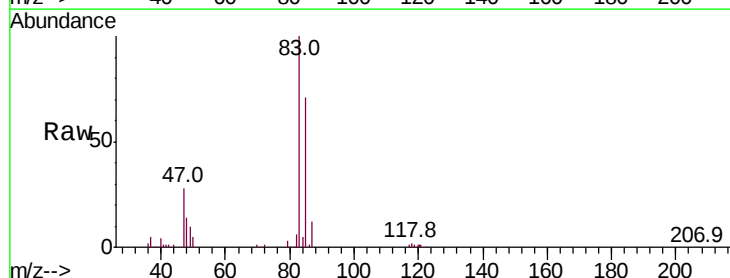


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

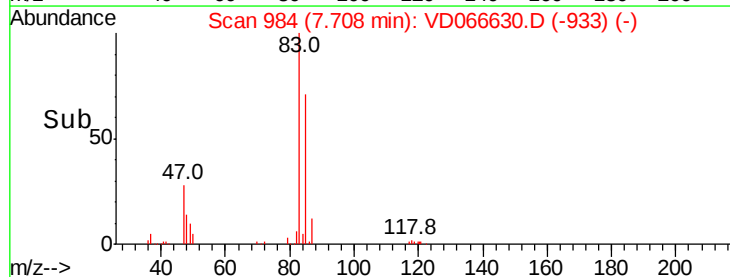
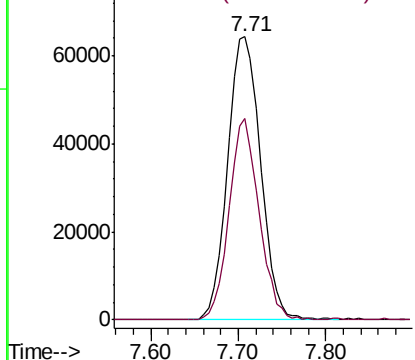


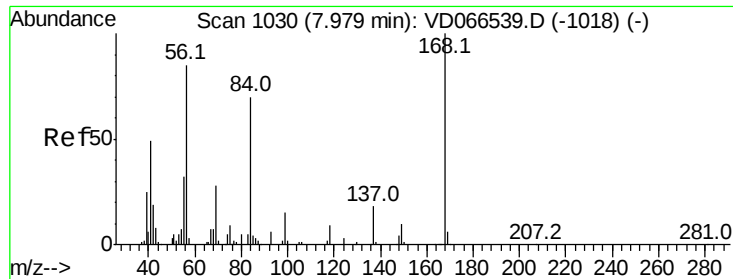
#30
Chloroform
Concen: 22.754 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 83 Resp: 165200
Ion Ratio Lower Upper
83 100
85 71.4 53.6 80.4



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

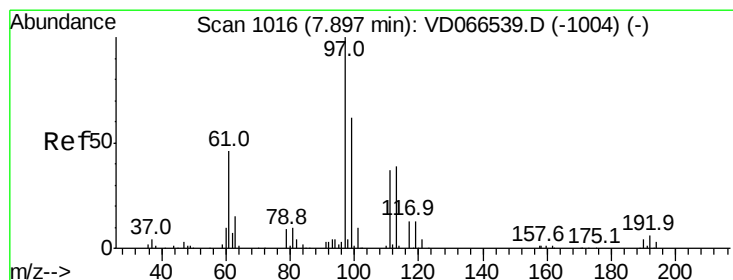
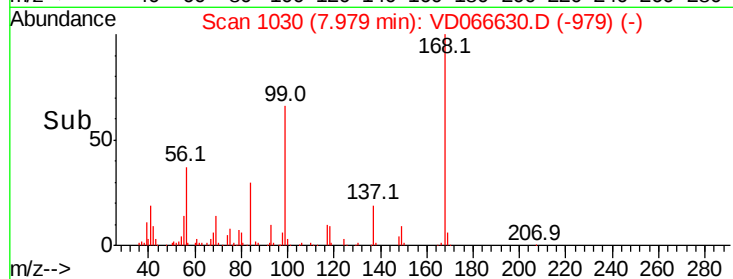
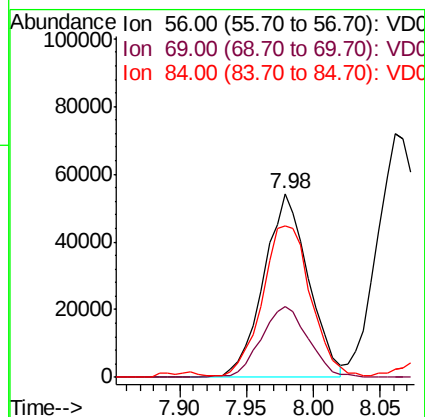
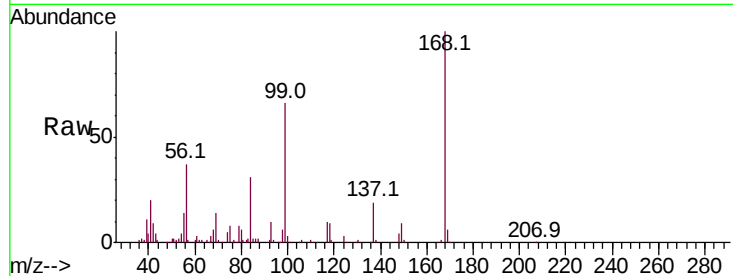




#31
Cyclohexane
Concen: 19.888 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

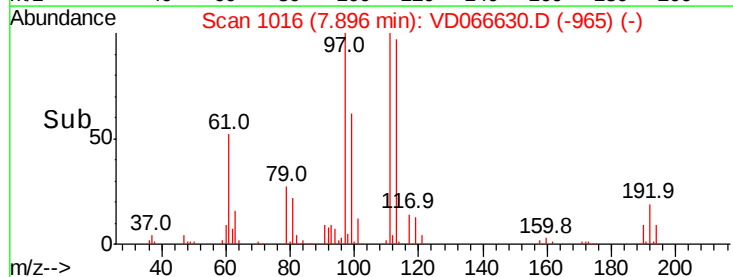
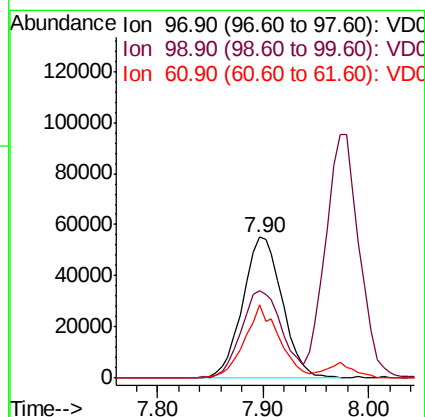
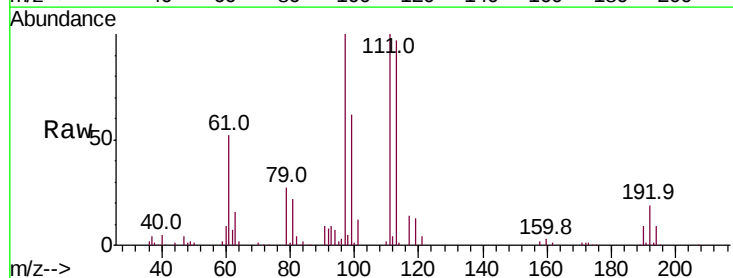
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

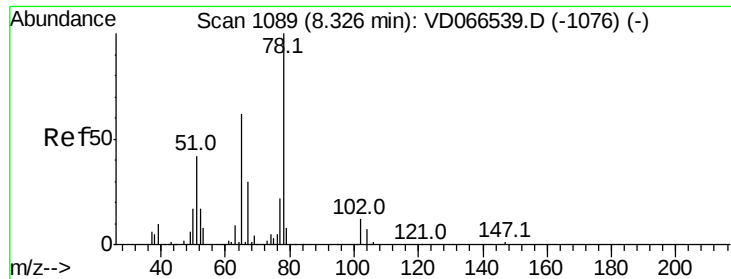
Tot Ion: 56 Resp: 126161
Ion Ratio Lower Upper
56 100
69 38.3 26.3 39.5
84 80.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 21.021 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 97 Resp: 143487
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 45.7 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 57.822 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

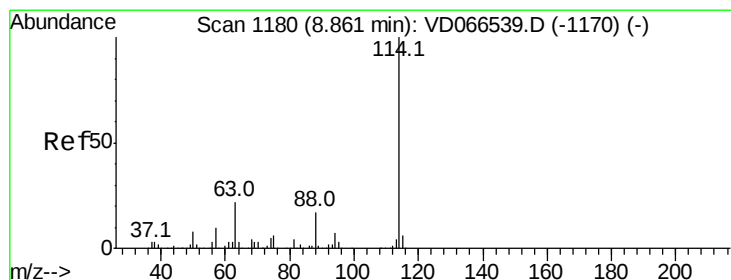
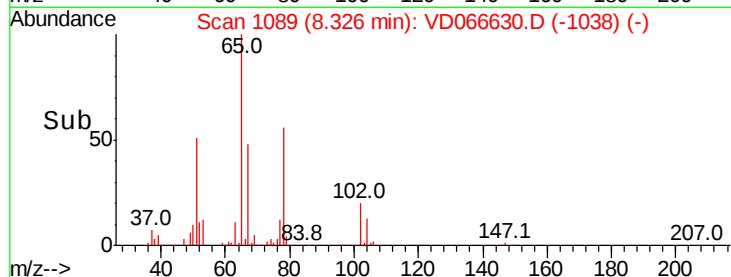
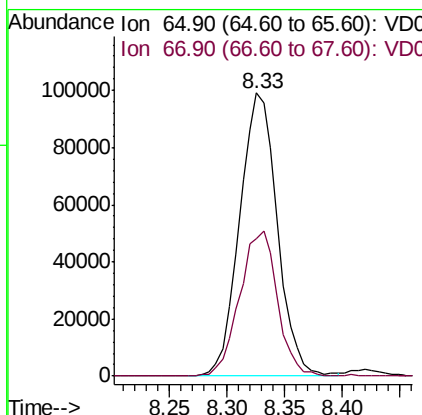
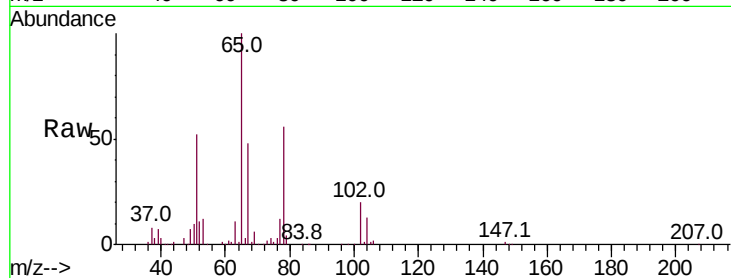
Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

Tot Ion: 65 Resp: 224837

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

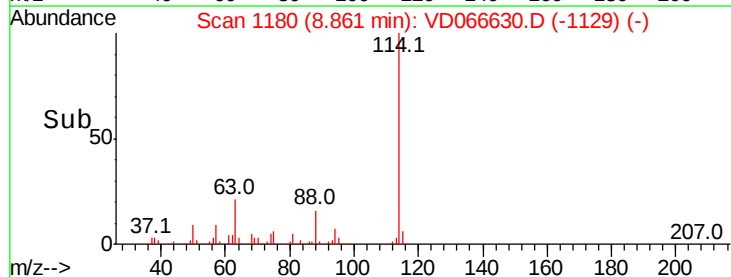
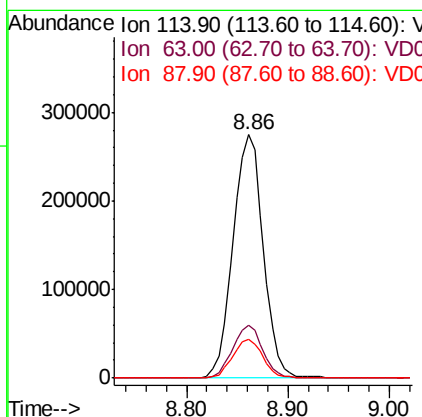
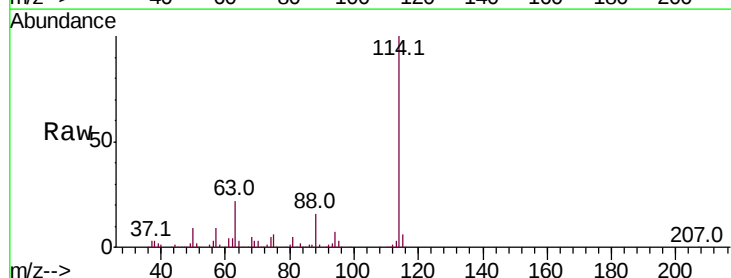
Delta R.T. -0.00 min

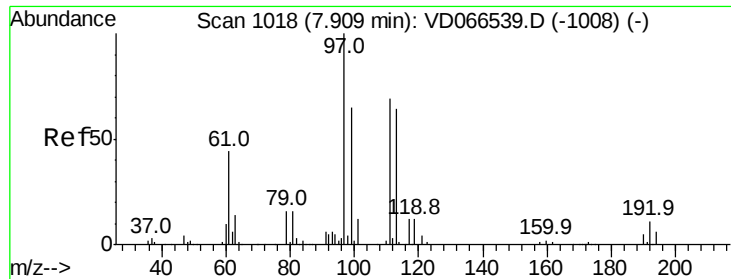
Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Tgt Ion: 114 Resp: 568757

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	15.9	0.0	33.2

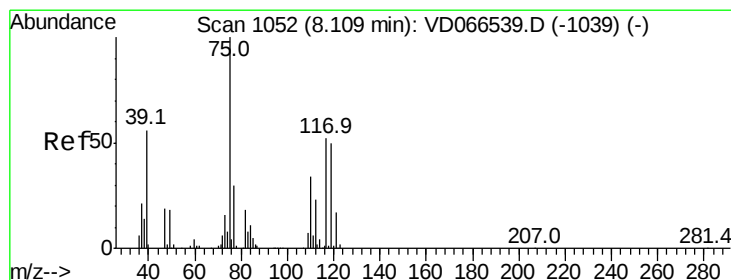
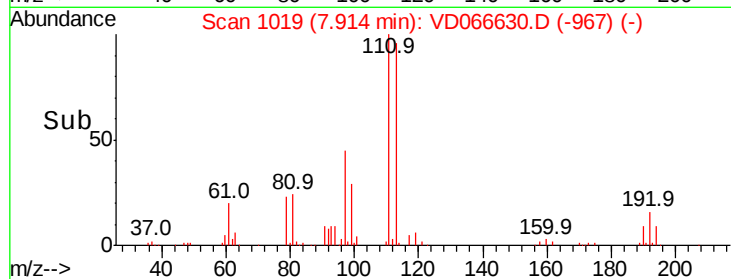
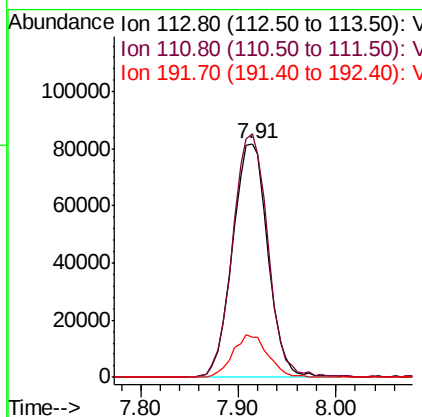
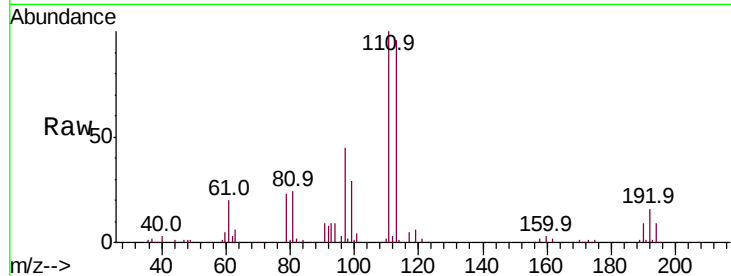




#35
 Dibromofluoromethane
 Concen: 53.927 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

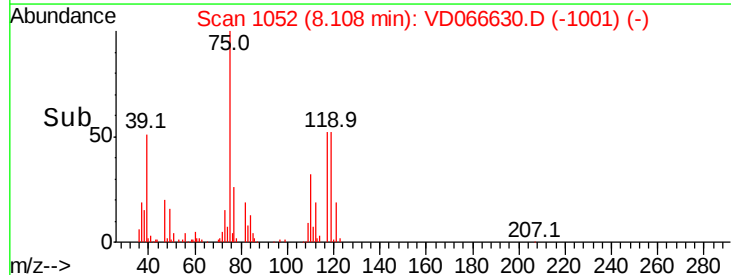
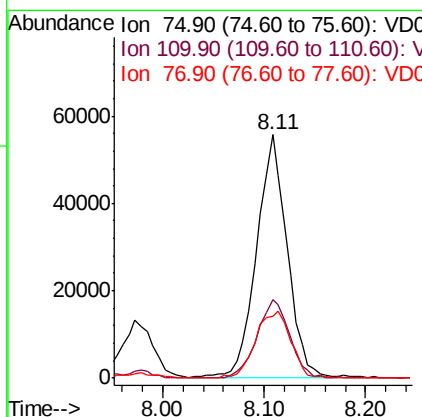
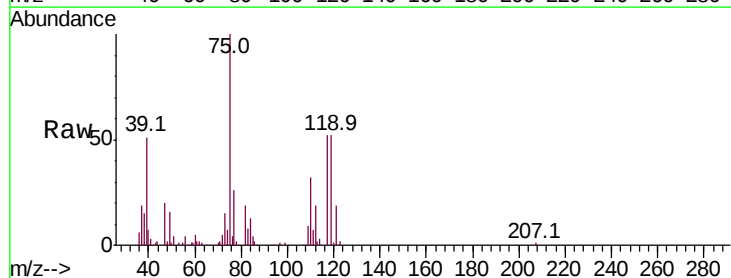
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

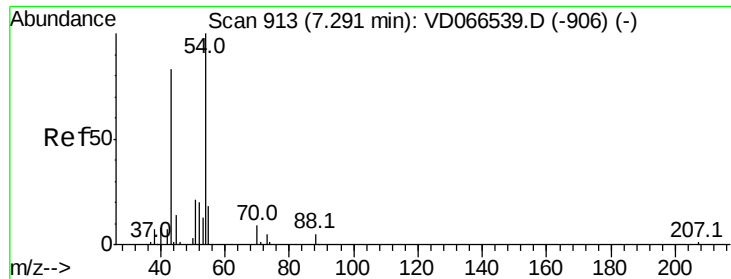
Tot Ion:113 Resp: 206910
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.2 124.8
 192 18.0 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 19.794 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 75 Resp: 117163
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.3 52.0
 77 31.7 25.1 37.7

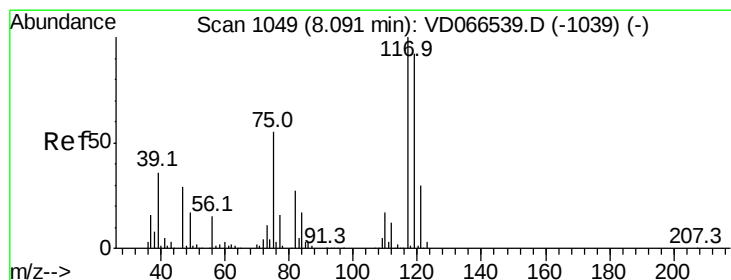
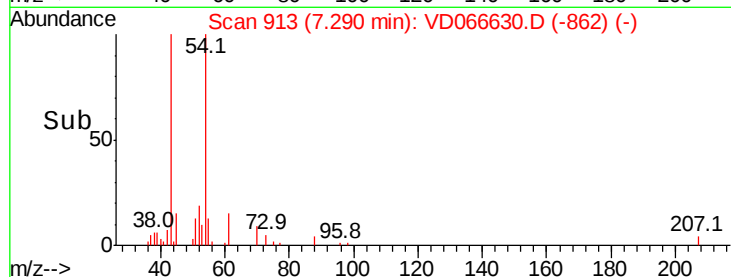
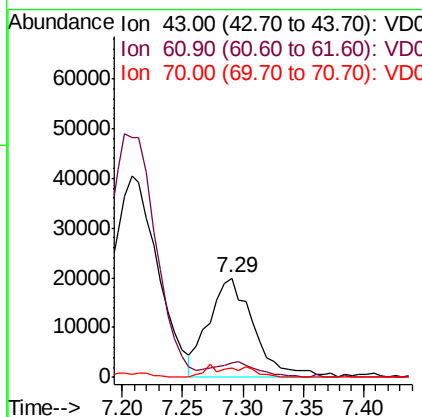
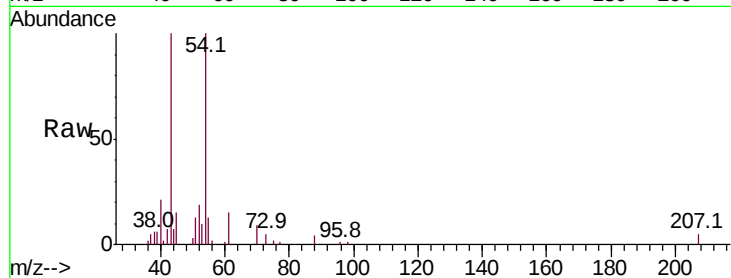




#37
Ethyl Acetate
Concen: 21.589 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

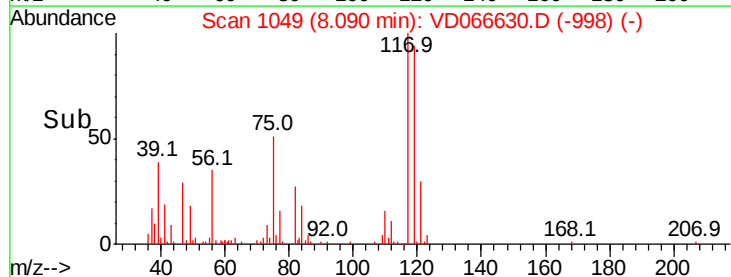
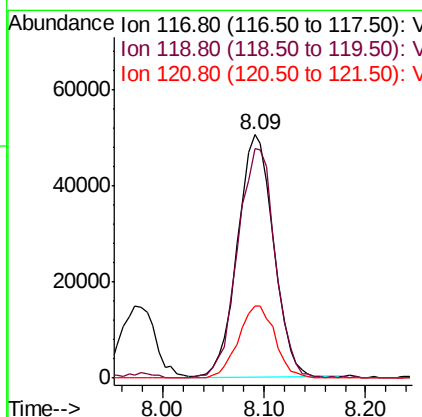
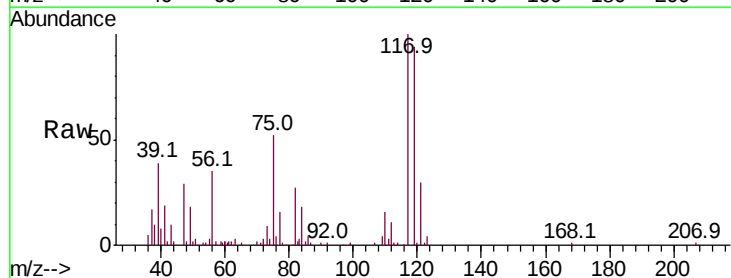
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

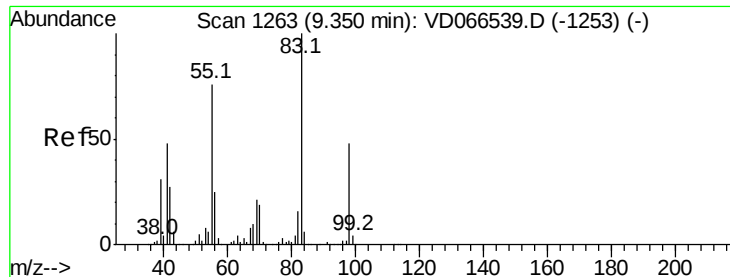
Tot Ion: 43 Resp: 50883
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 19.931 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 117 Resp: 124695
Ion Ratio Lower Upper
117 100
119 94.5 73.9 110.9
121 29.7 24.1 36.1

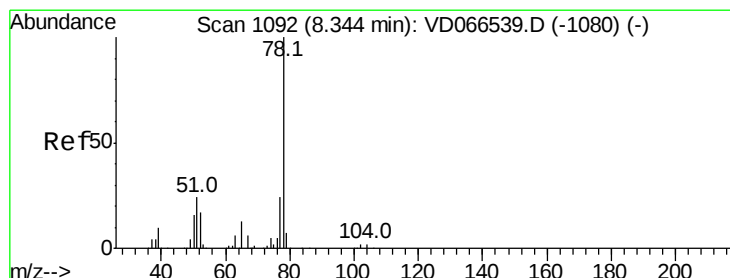
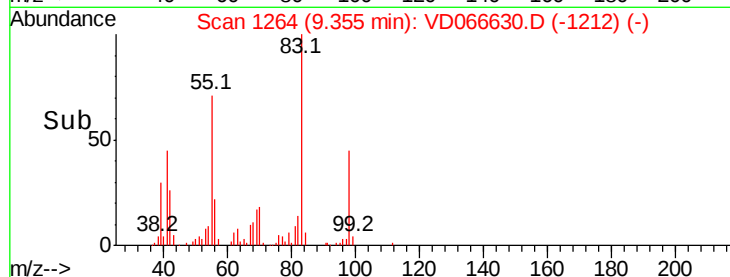
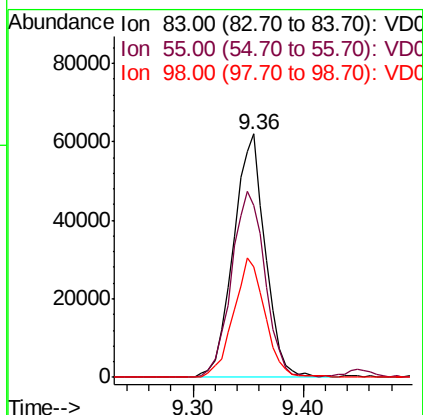
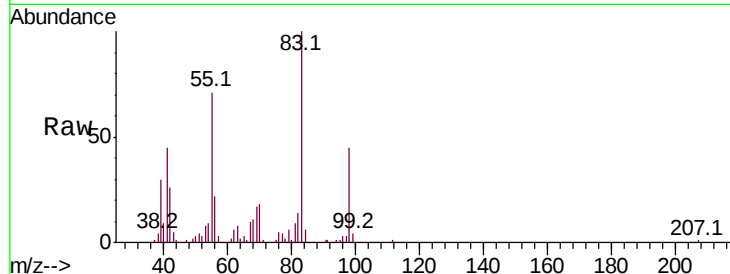




#39
Methvlcvclohexane
Concen: 18.936 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

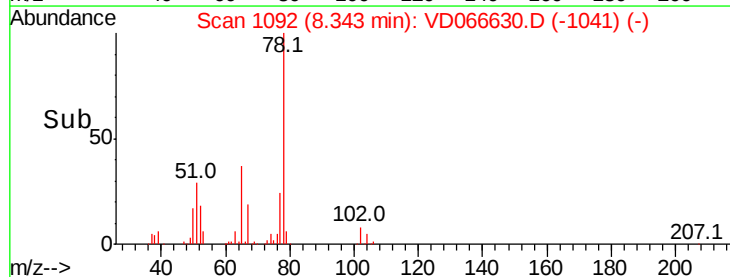
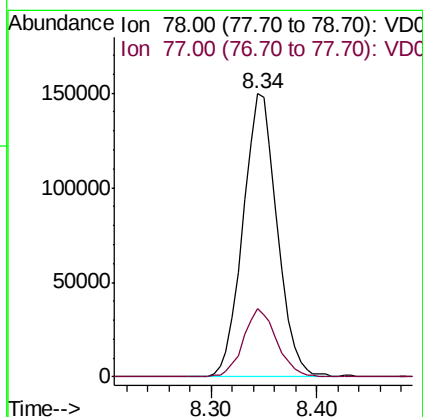
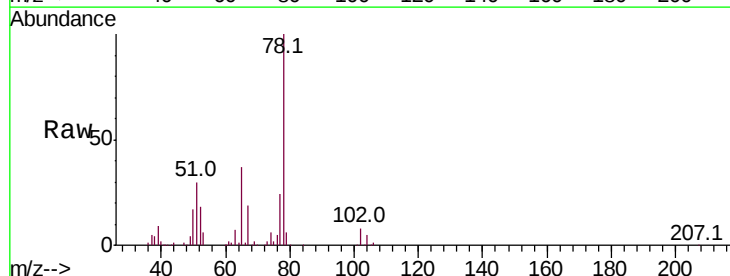
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

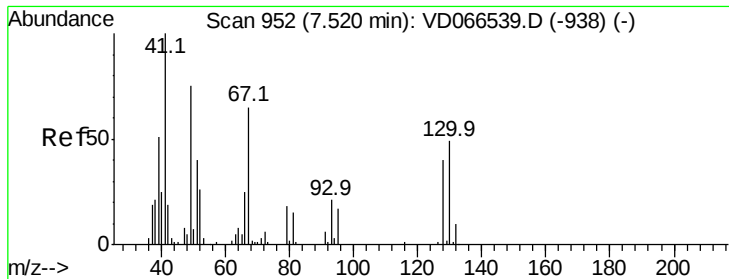
Tot Ion: 83 Resp: 125156
Ion Ratio Lower Upper
83 100
55 70.6 60.8 91.2
98 45.3 38.6 58.0



#40
Benzene
Concen: 20.762 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 78 Resp: 336576
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41

Methacrylonitrile

Concen: 15.410 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

Tot Ion: 41 Resp: 17581

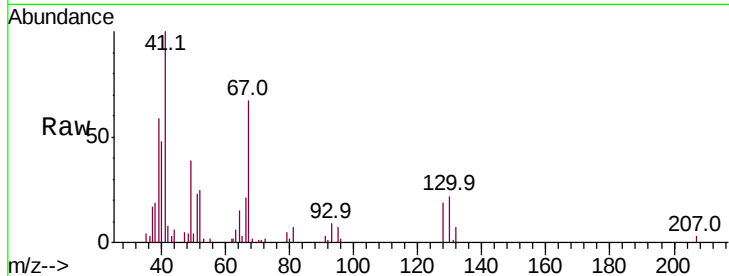
Ion Ratio Lower Upper

41 100

39 104.2 53.6 80.4#

67 119.9 59.2 88.8#

52 54.2 26.8 40.2#

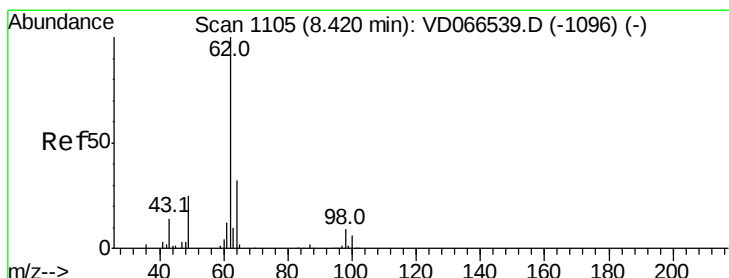
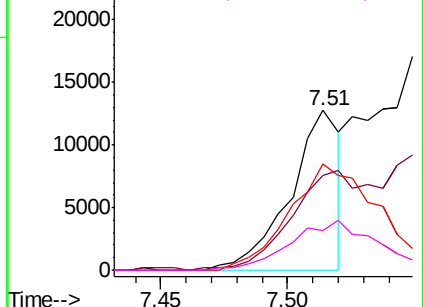
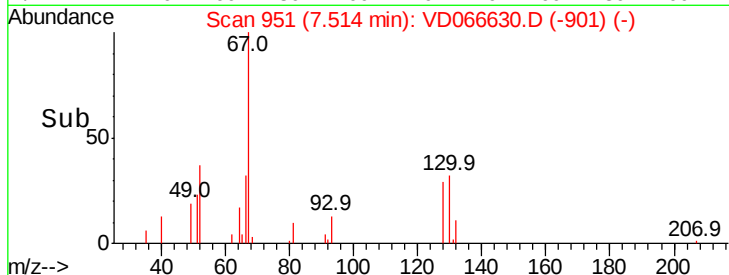


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.860 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066630.D

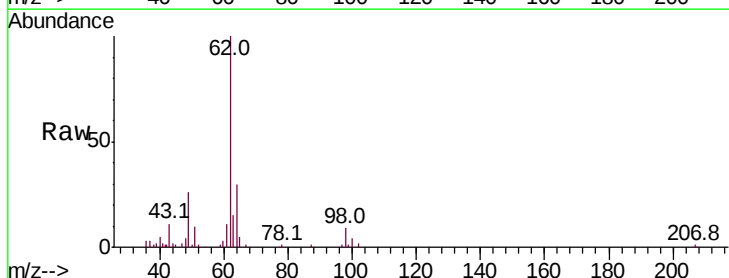
Acq: 10 Sep 2020 23:55

Tgt Ion: 62 Resp: 109568

Ion Ratio Lower Upper

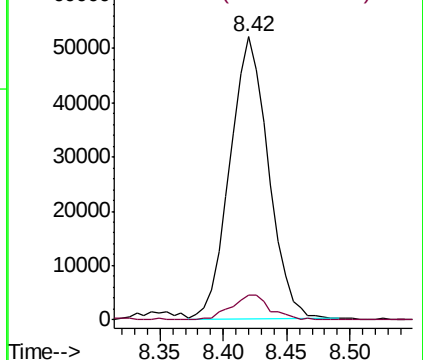
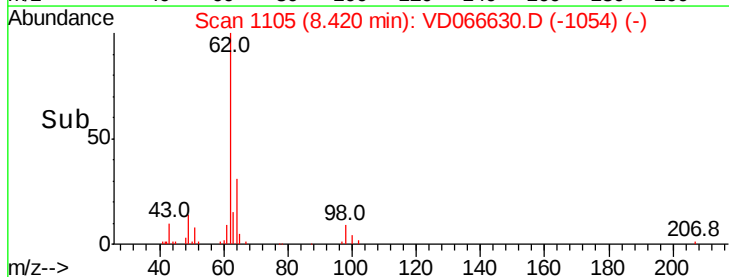
62 100

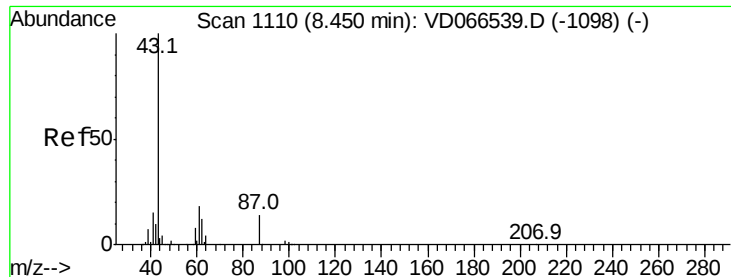
98 8.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.965 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

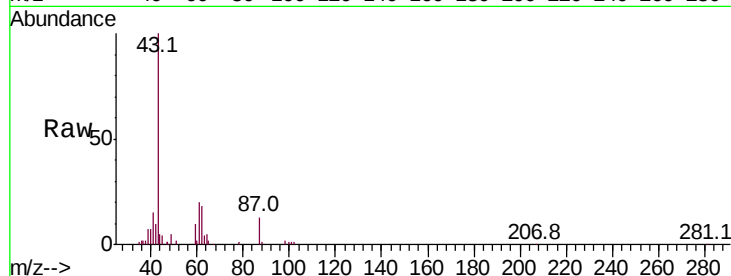
Tot Ion: 43 Resp: 94697

Ion Ratio Lower Upper

43 100

61 31.4 23.8 35.8

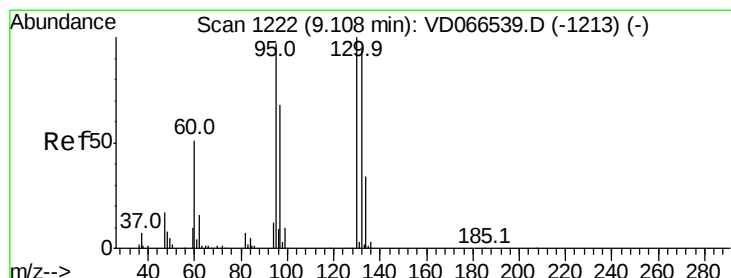
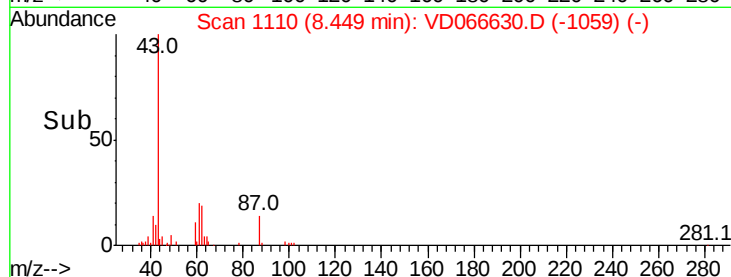
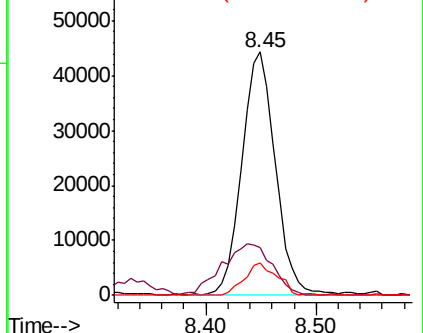
87 13.3 10.7 16.1



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: 20.877 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066630.D

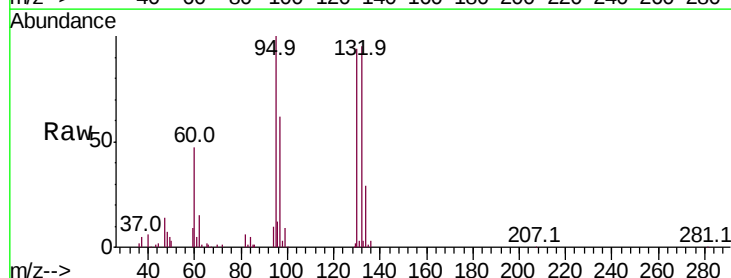
Acq: 10 Sep 2020 23:55

Tgt Ion: 130 Resp: 88776

Ion Ratio Lower Upper

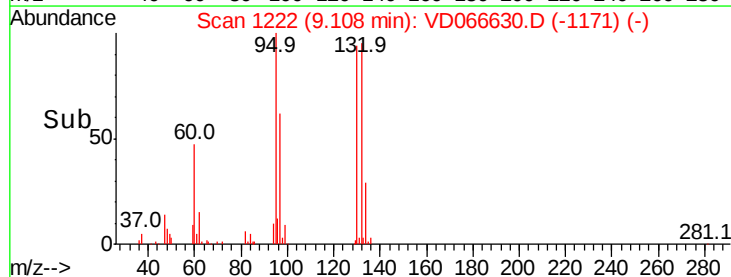
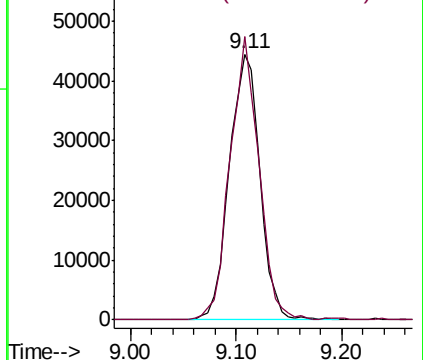
130 100

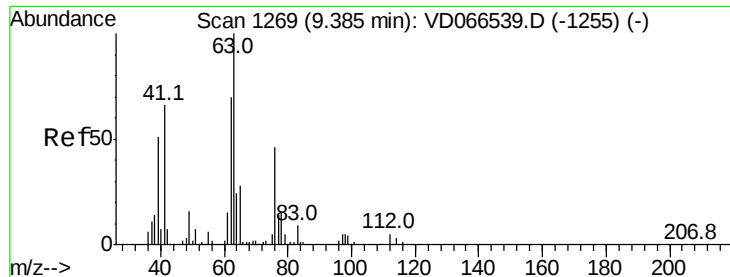
95 106.5 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.016 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

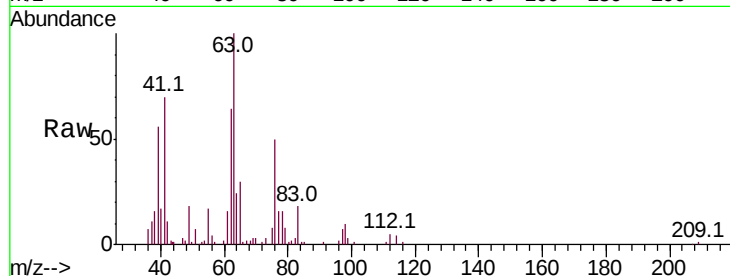
VD0910SBS02

Tot Ion: 63 Resp: 85677

Ion Ratio Lower Upper

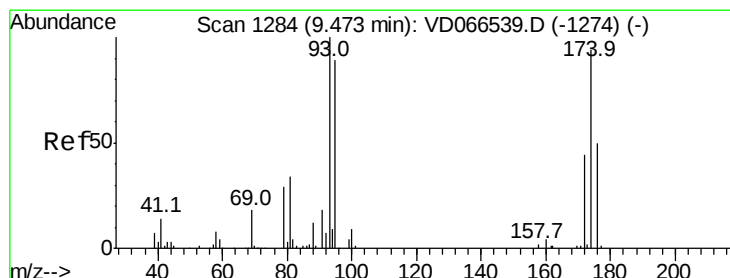
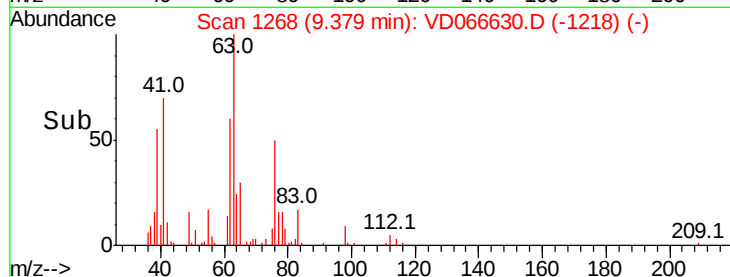
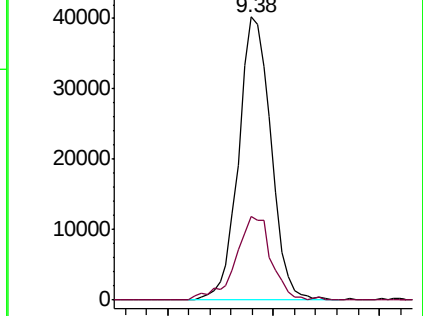
63 100

65 29.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.342 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

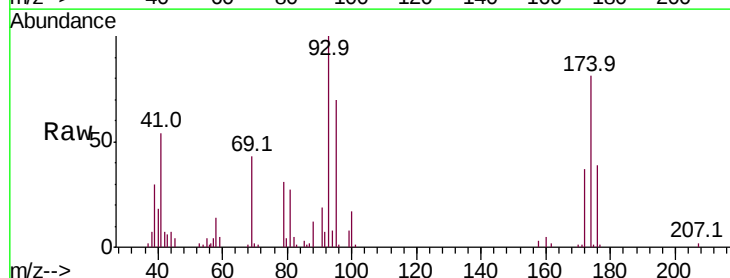
Tgt Ion: 93 Resp: 48002

Ion Ratio Lower Upper

93 100

95 81.0 68.7 103.1

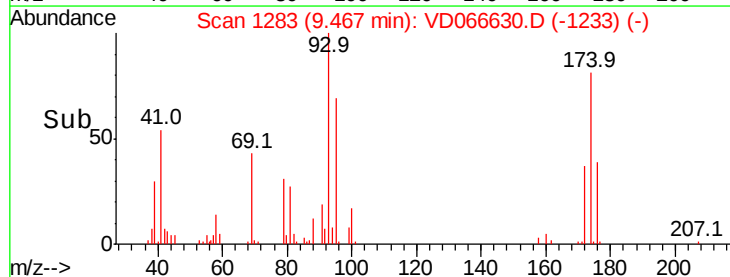
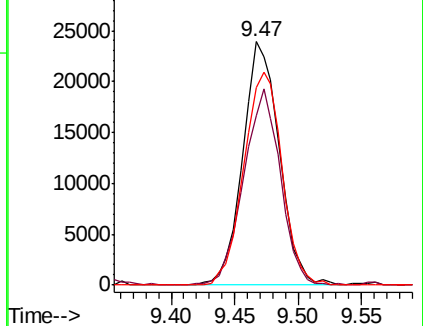
174 91.4 70.0 105.0

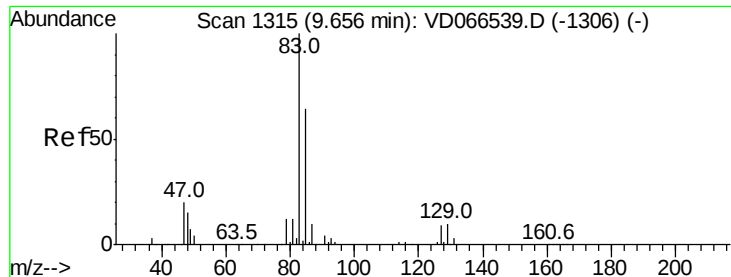


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.858 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

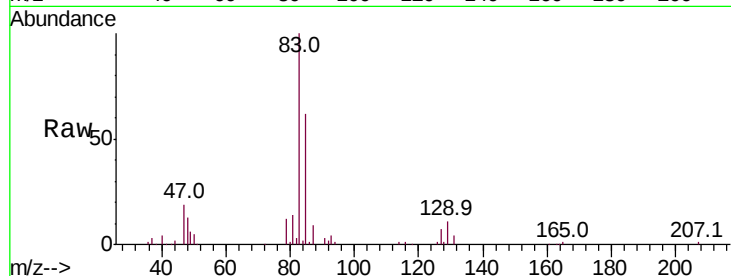
Tot Ion: 83 Resp: 126926

Ion Ratio Lower Upper

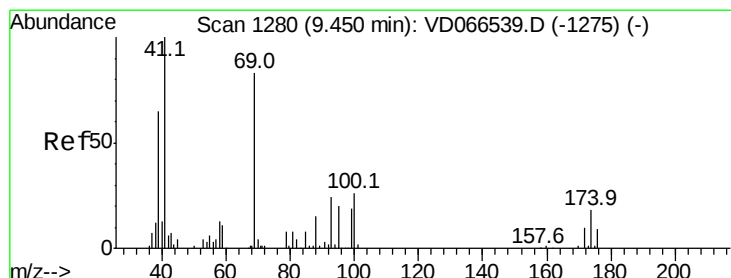
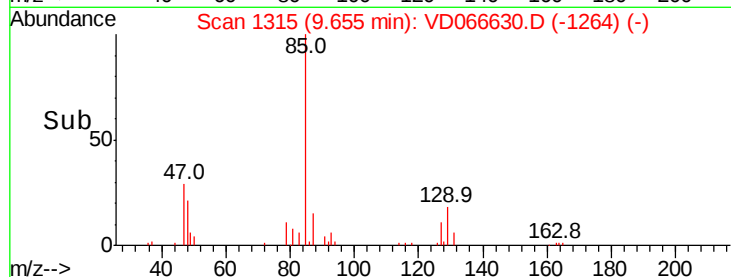
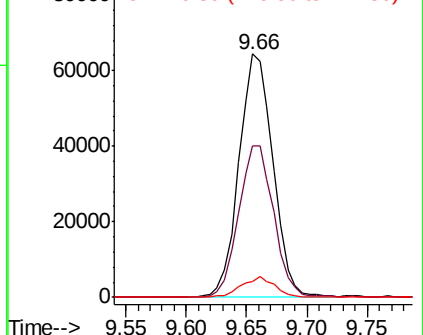
83 100

85 62.3 51.1 76.7

127 6.6 6.9 10.3#



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



#48

Methyl methacrylate

Concen: 20.743 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

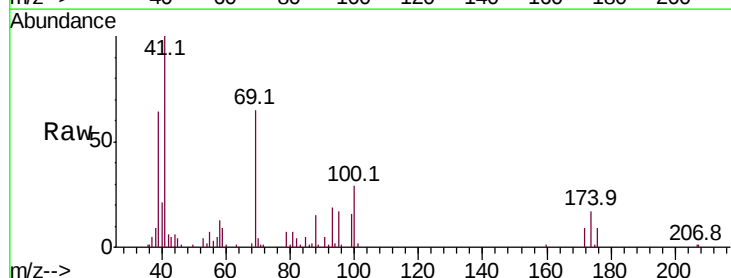
Tgt Ion: 41 Resp: 47375

Ion Ratio Lower Upper

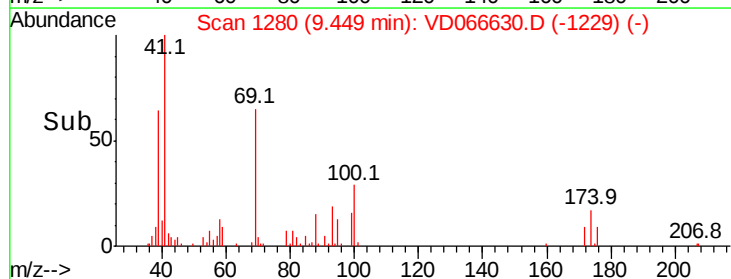
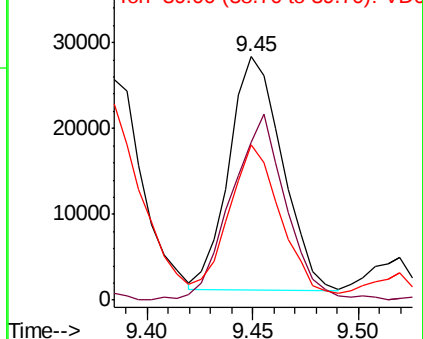
41 100

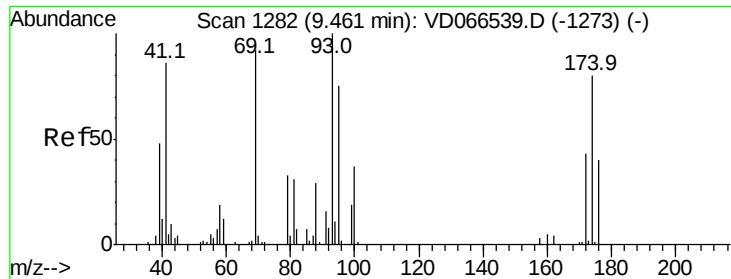
69 82.6 64.5 96.7

39 67.8 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: 425.445 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

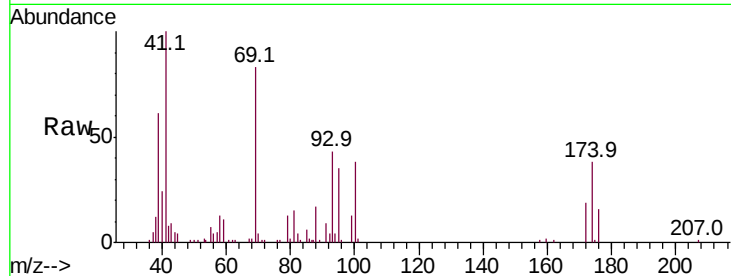
Tot Ion: 88 Resp: 10498

Ion Ratio Lower Upper

88 100

43 36.8 28.3 42.5

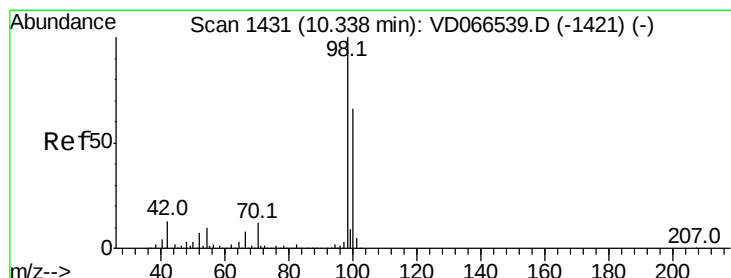
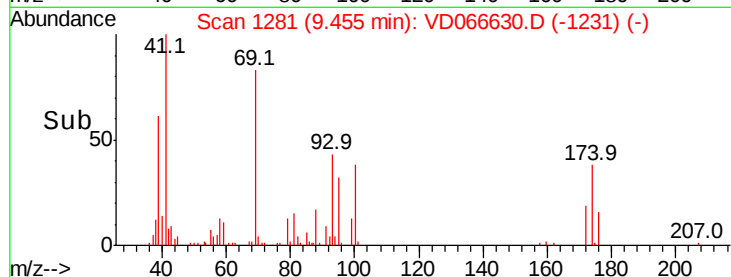
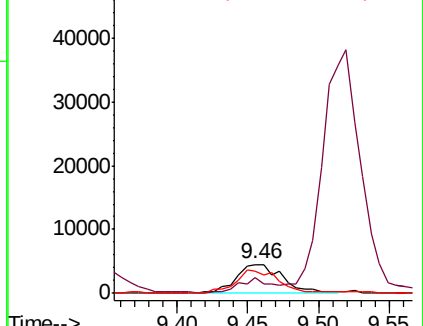
58 80.0 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 54.950 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066630.D

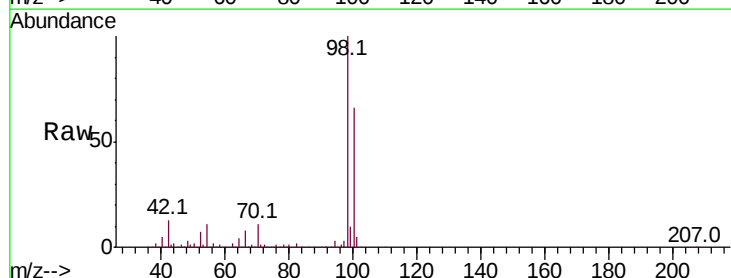
Acq: 10 Sep 2020 23:55

Tgt Ion: 98 Resp: 753555

Ion Ratio Lower Upper

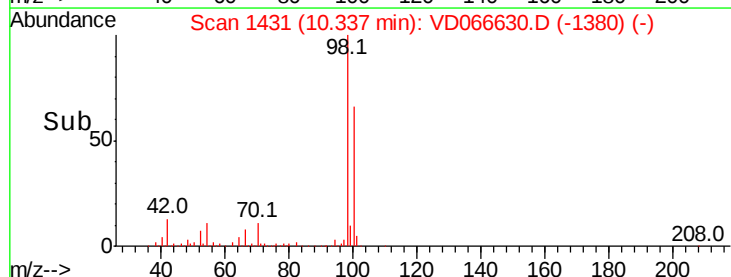
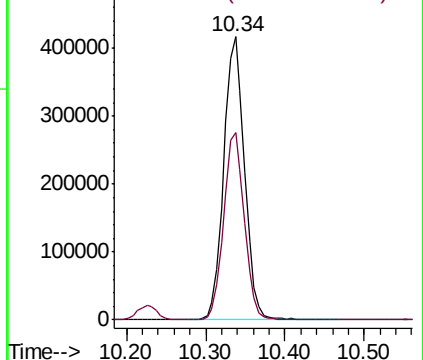
98 100

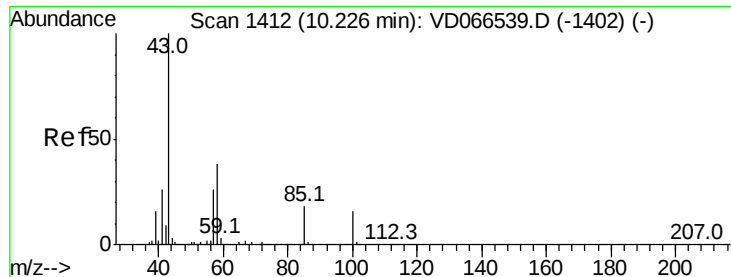
100 66.0 52.9 79.3



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: 109.919 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

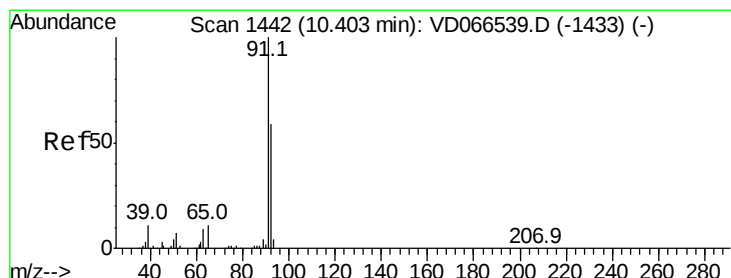
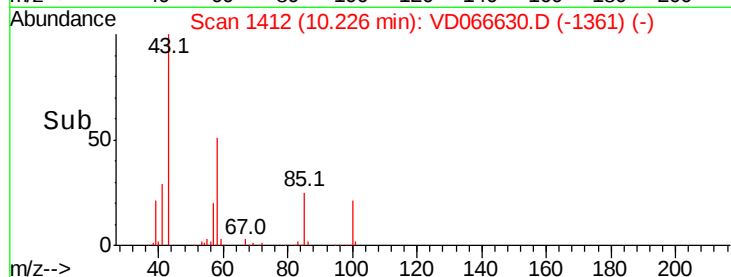
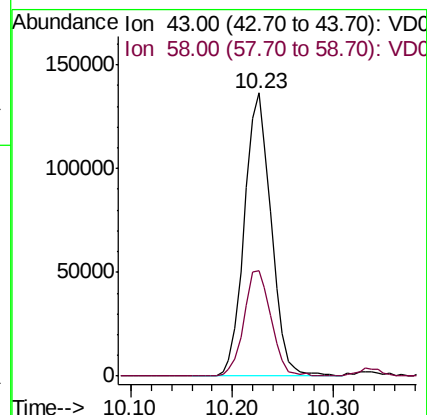
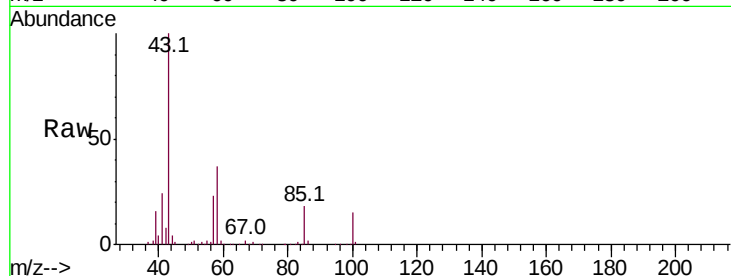
VD0910SBS02

Tot Ion: 43 Resp: 250390

Ion Ratio Lower Upper

43 100

58 37.8 30.5 45.7



#52

Toluene

Concen: 21.489 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066630.D

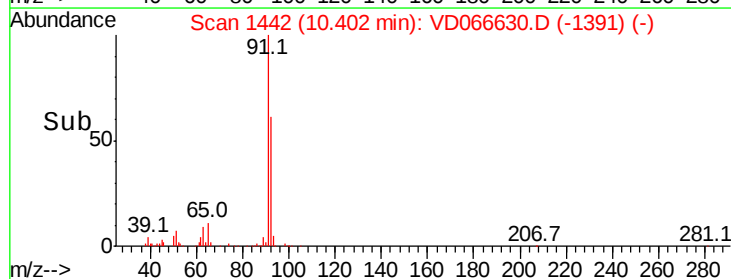
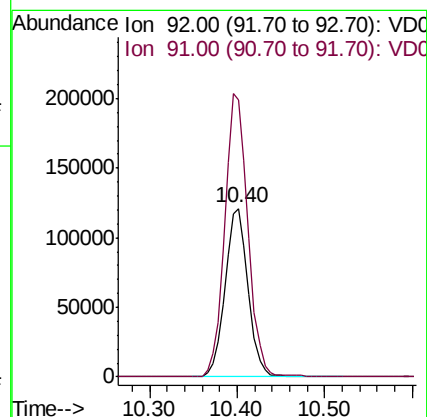
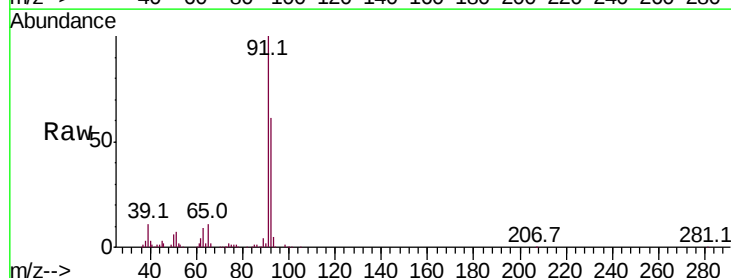
Acq: 10 Sep 2020 23:55

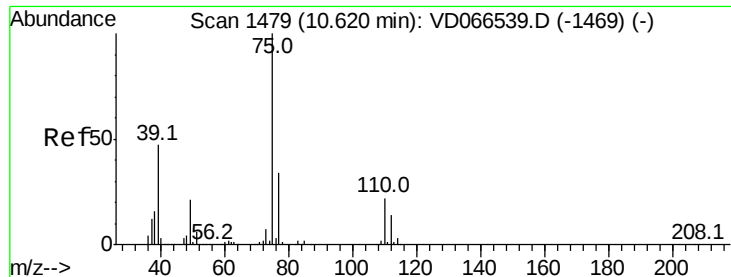
Tgt Ion: 92 Resp: 220514

Ion Ratio Lower Upper

92 100

91 168.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.780 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

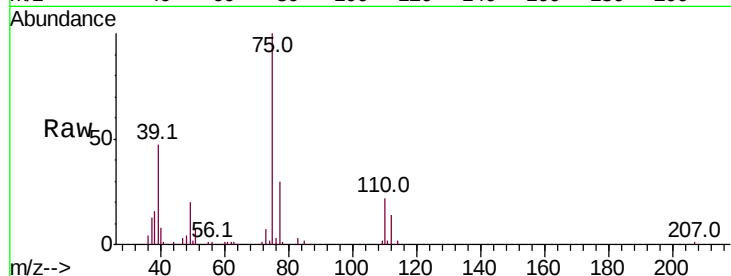
VD0910SBS02

Tot Ion: 75 Resp: 111627

Ion Ratio Lower Upper

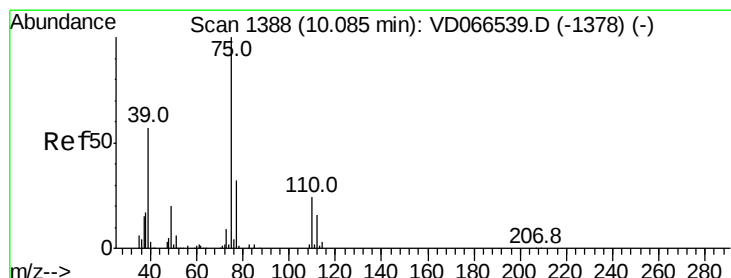
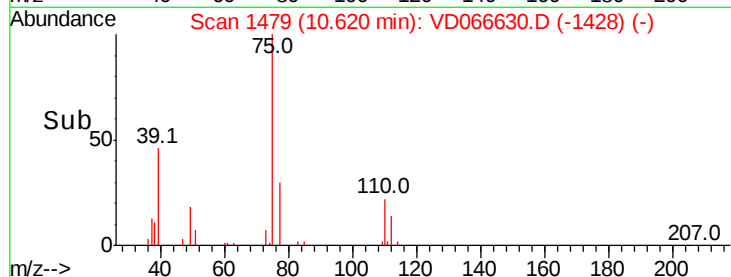
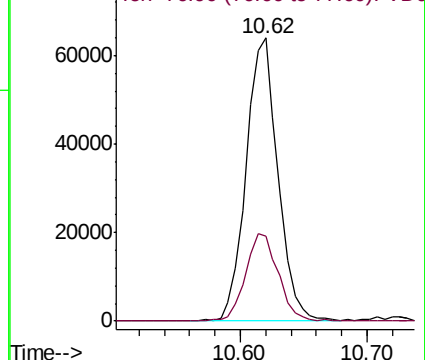
75 100

77 29.8 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.402 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

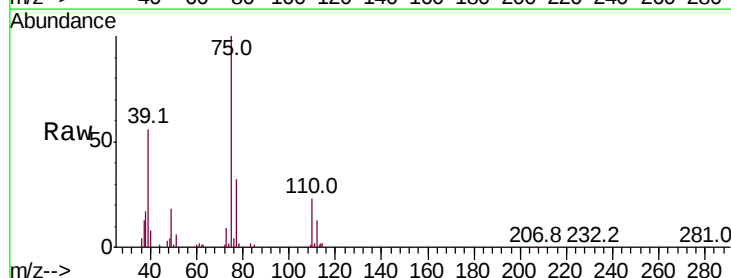
Tgt Ion: 75 Resp: 131616

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

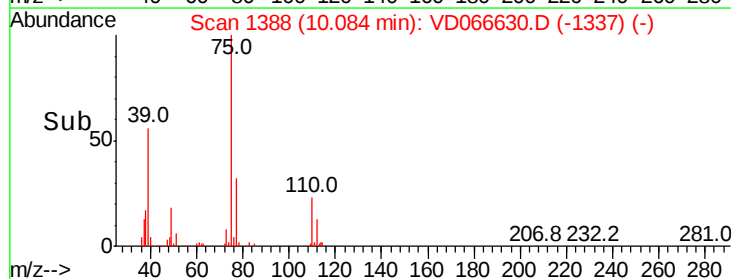
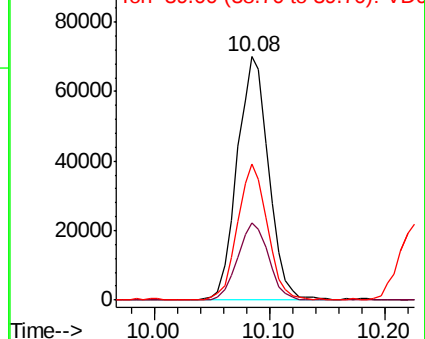
39 55.8 45.4 68.0

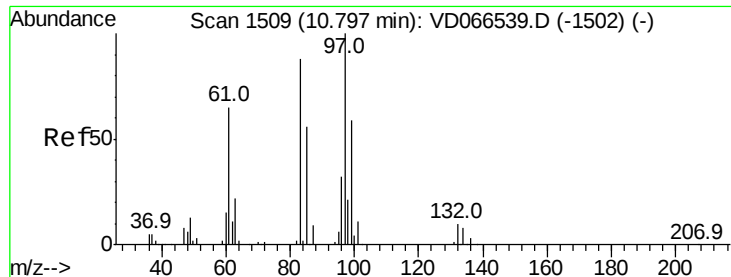


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



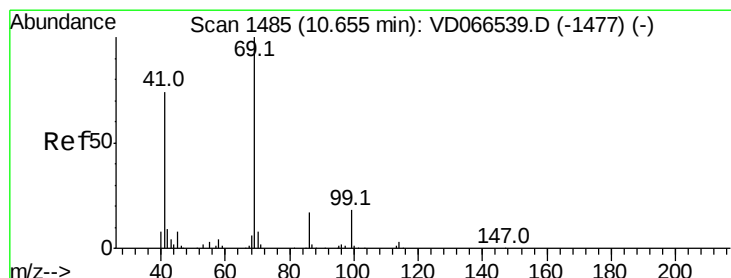
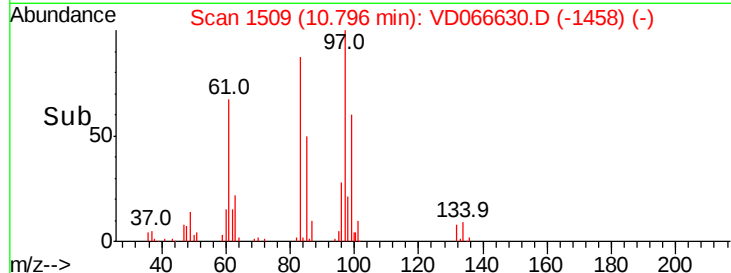
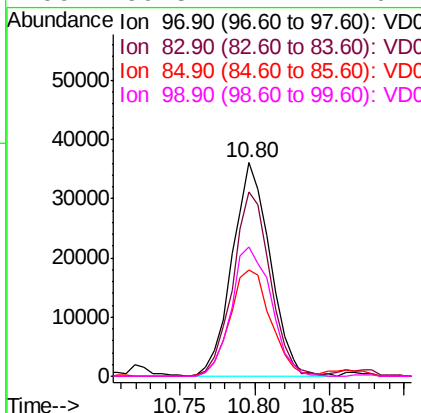
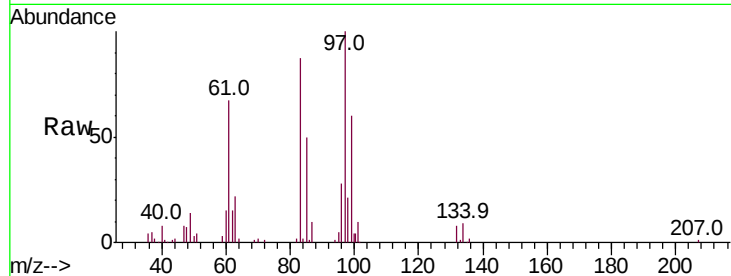


#55
 1,1,2-Trichloroethane
 Concen: 22.090 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

Tot Ion: 97 Resp: 63882

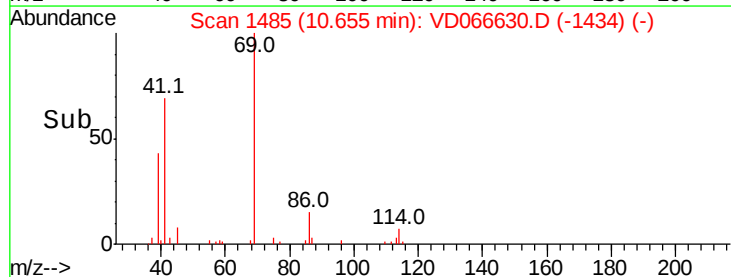
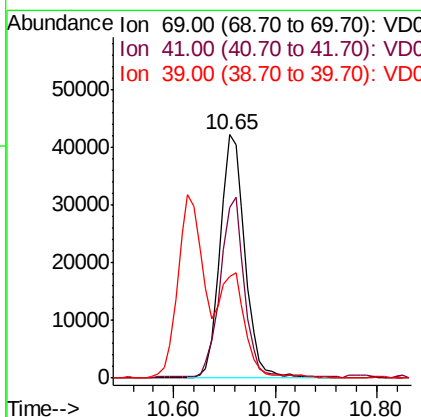
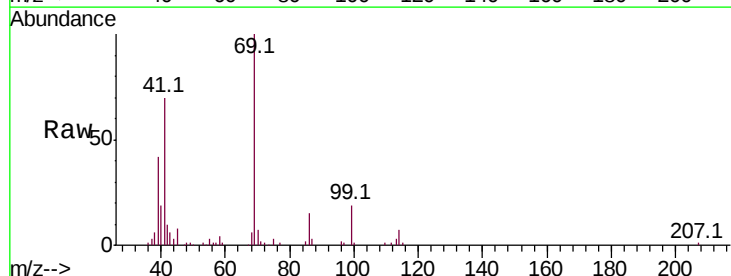
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.1	105.1
85	49.5	44.5	66.7
99	60.5	47.1	70.7

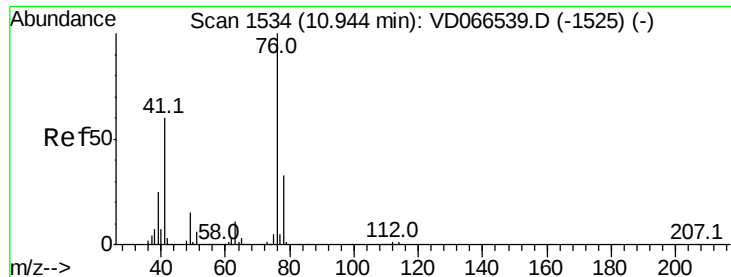


#56
 Ethyl methacrylate
 Concen: 21.354 ug/l
 RT: 10.65 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 69 Resp: 71903

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.8	85.2
39	46.2	30.6	46.0





#57

1,3-Dichloropropane

Concen: 21.392 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

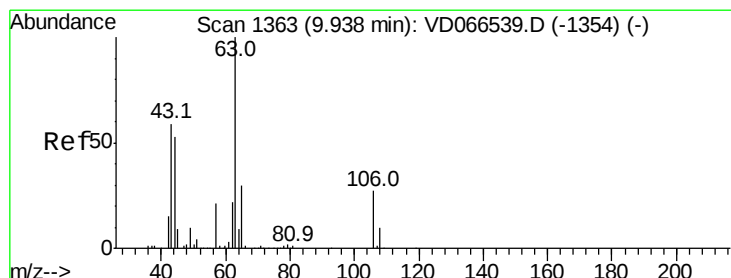
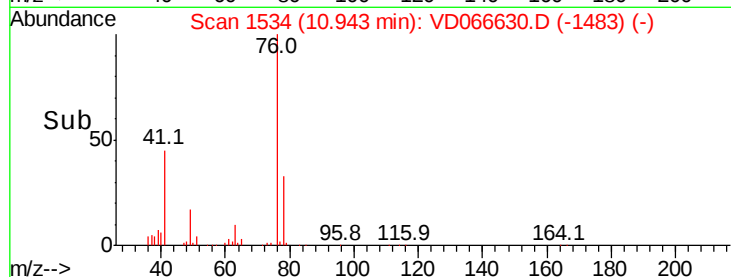
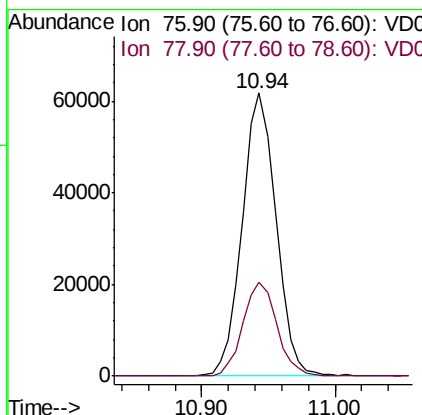
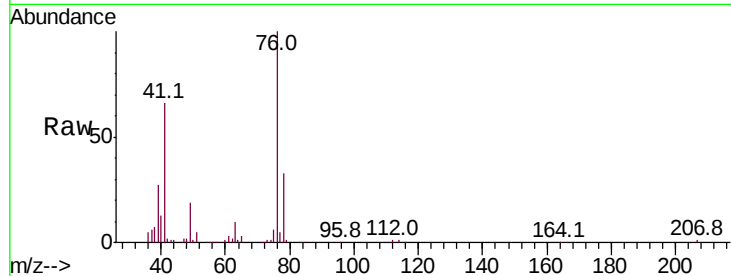
Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

Tot Ion: 76 Resp: 108358

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 117.696 ug/l

RT: 9.94 min Scan# 1363

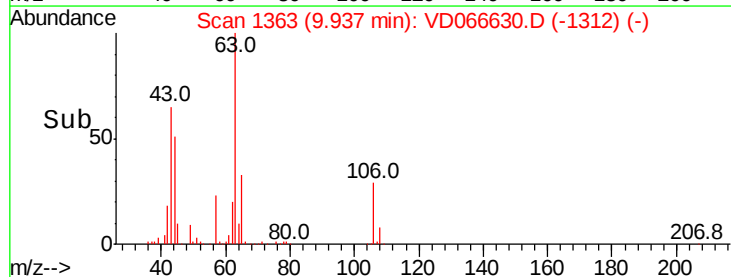
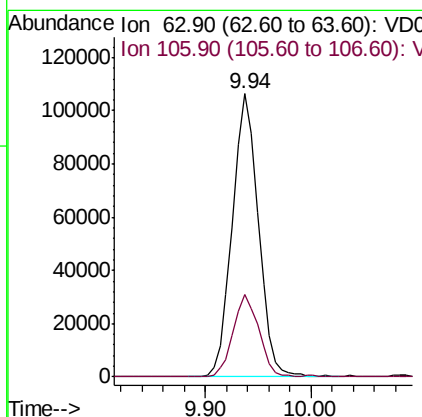
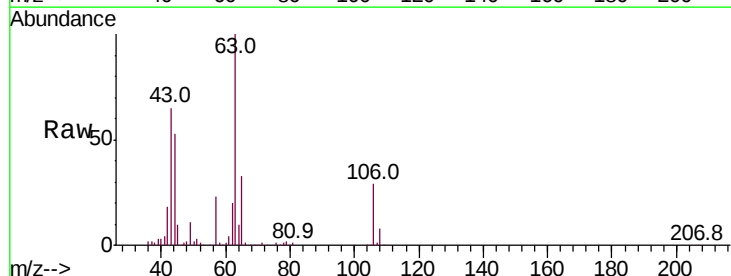
Delta R.T. -0.00 min

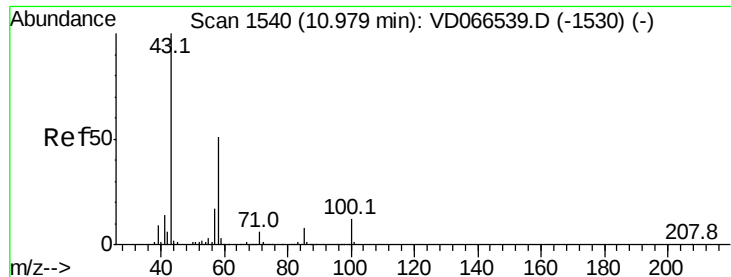
Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Tgt Ion: 63 Resp: 181265

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.0	33.0

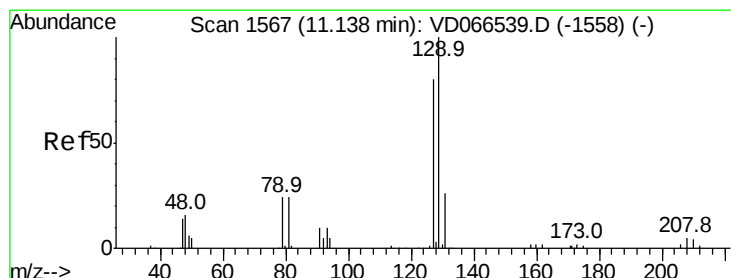
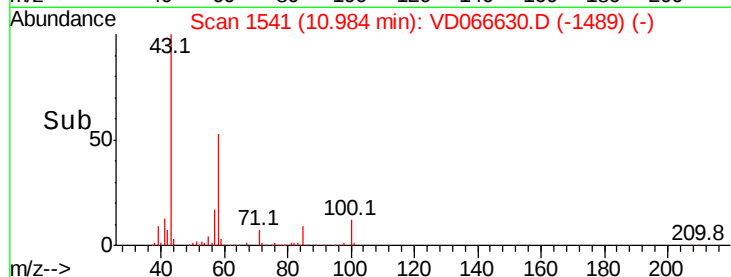
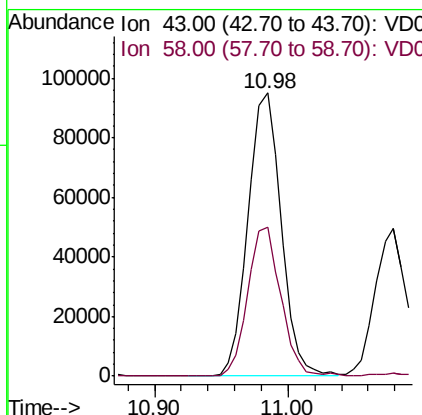
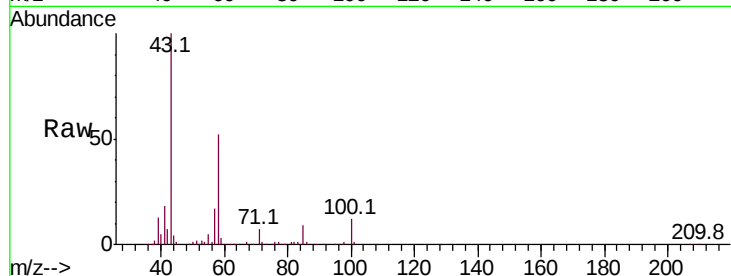




#59
2-Hexanone
Concen: 106.786 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

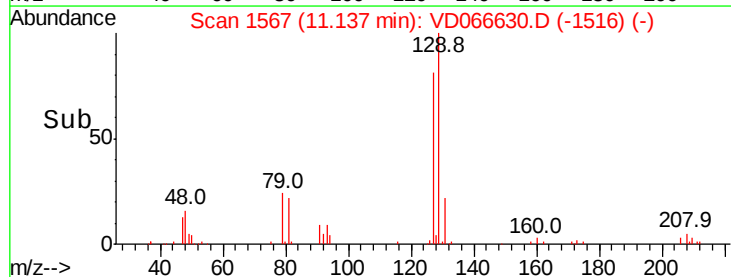
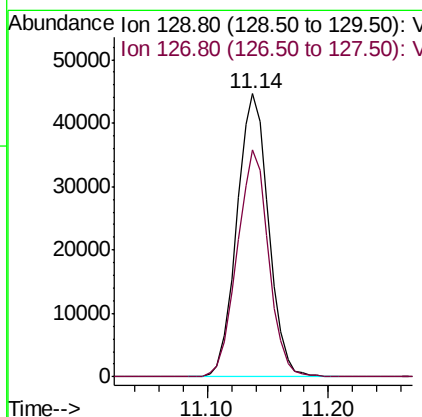
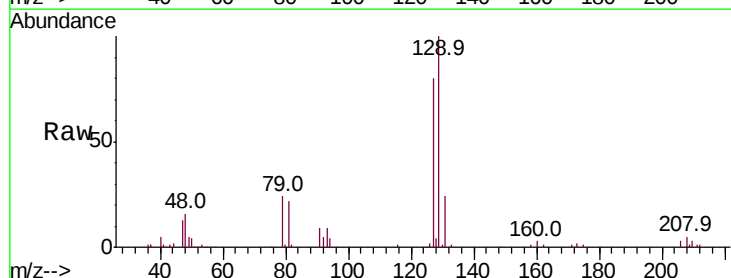
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

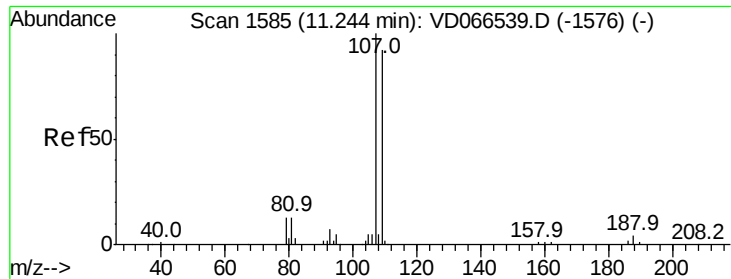
Tot Ion: 43 Resp: 163584
Ion Ratio Lower Upper
43 100
58 52.2 25.6 76.8



#60
Dibromochloromethane
Concen: 21.383 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 129 Resp: 81772
Ion Ratio Lower Upper
129 100
127 79.7 39.5 118.3

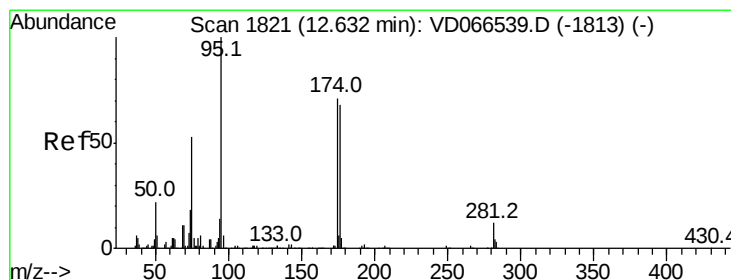
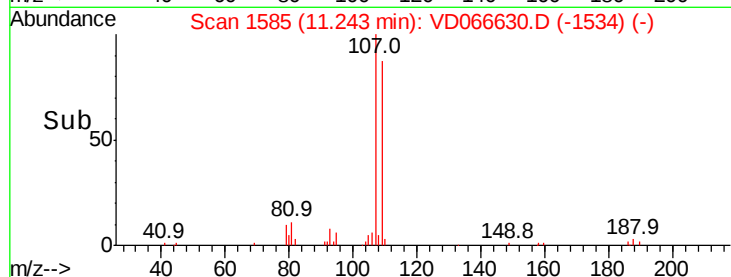
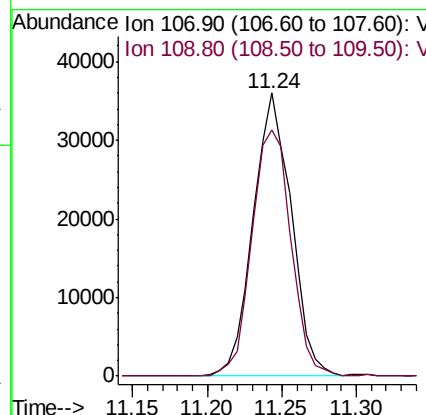
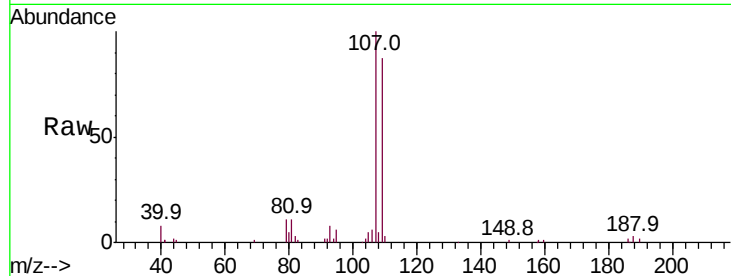




#61
 1,2-Dibromoethane
 Concen: 22.574 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

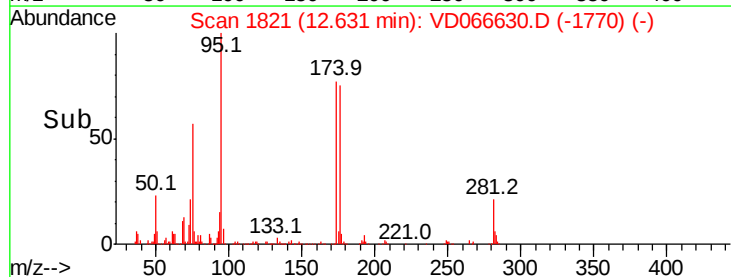
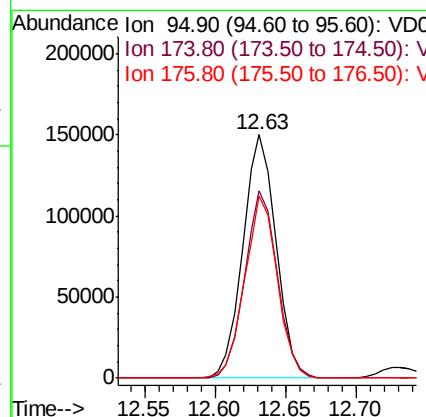
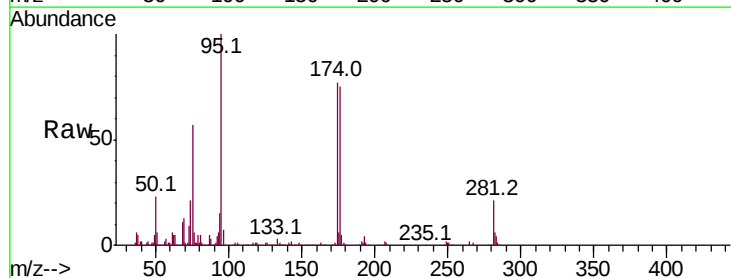
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

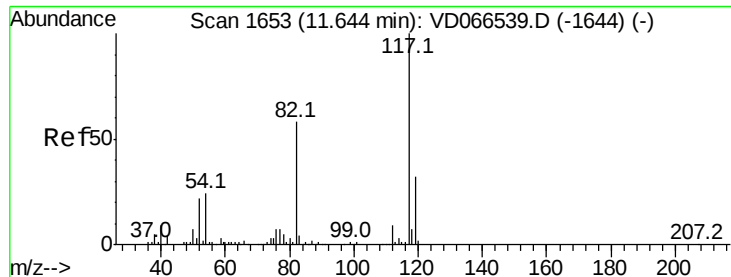
Tot Ion:107 Resp: 63512
 Ion Ratio Lower Upper
 107 100
 109 88.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 54.139 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion: 95 Resp: 246187
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 155.8
 176 73.5 0.0 148.6

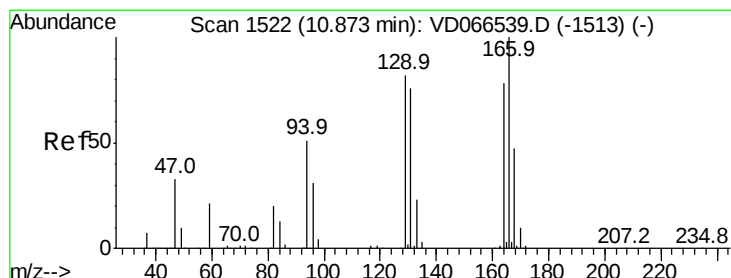
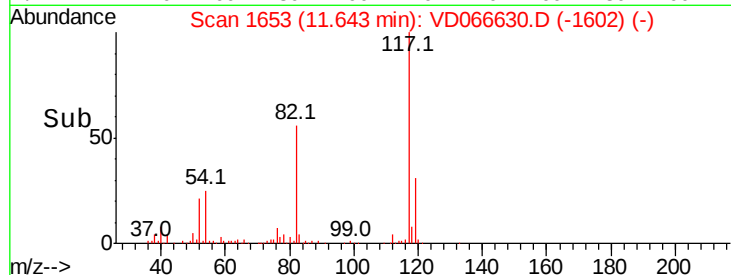
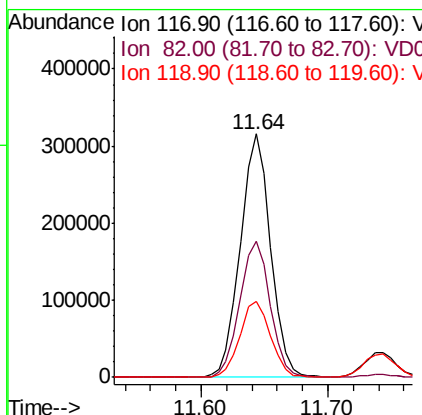
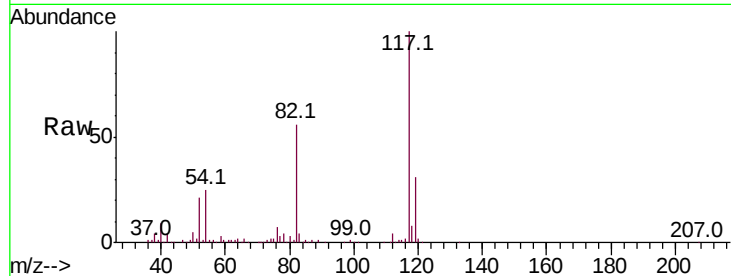




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

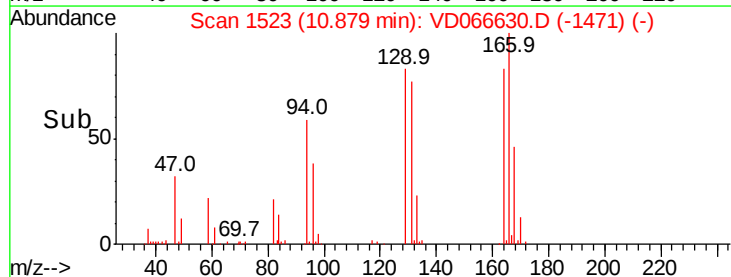
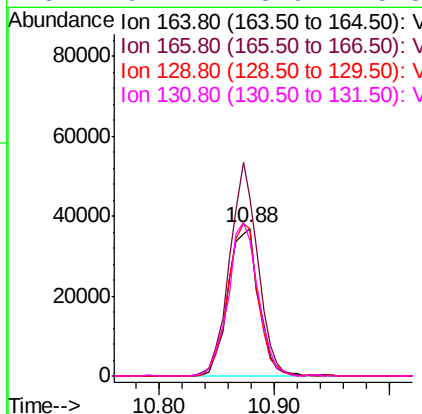
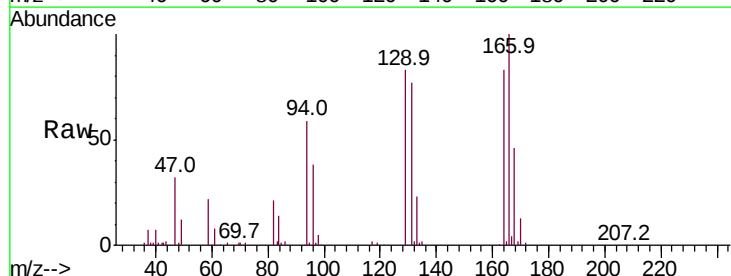
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

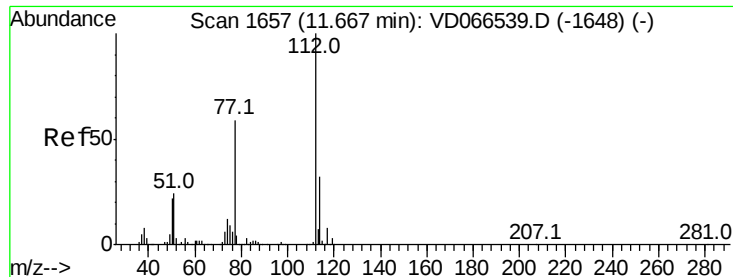
Tot Ion:117 Resp: 523147
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.2
119 31.2 25.8 38.8



#64
Tetrachloroethene
Concen: 19.253 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion:164 Resp: 67817
Ion Ratio Lower Upper
164 100
166 120.7 103.2 154.8
129 99.9 84.5 126.7
131 92.4 78.9 118.3





#65

Chlorobenzene

Concen: 20.632 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

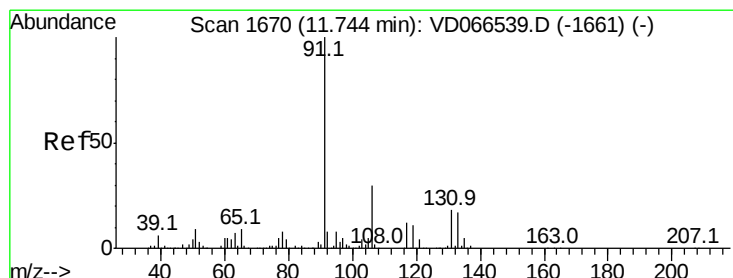
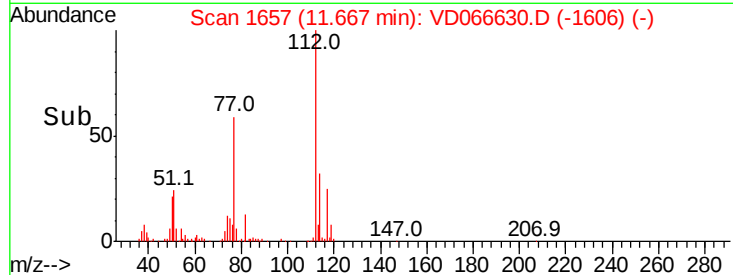
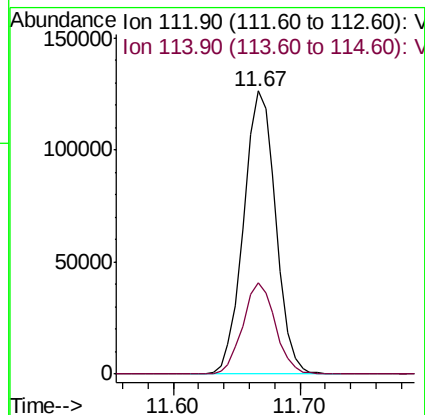
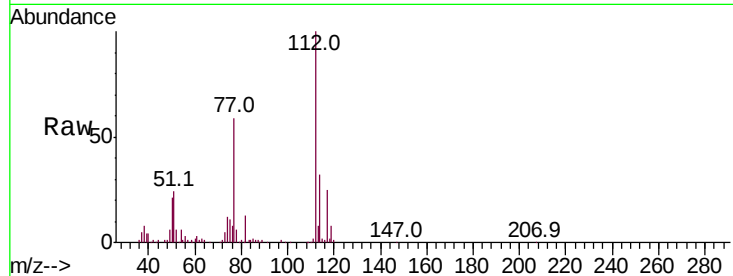
VD0910SBS02

Tot Ion:112 Resp: 222772

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.765 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

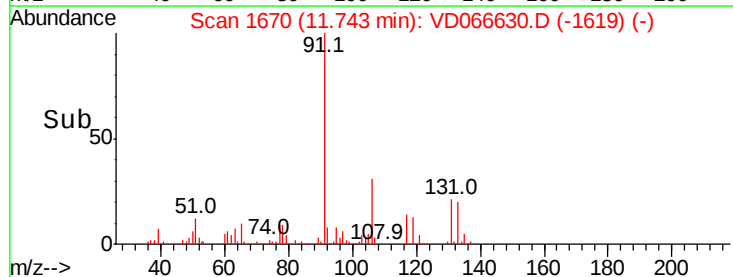
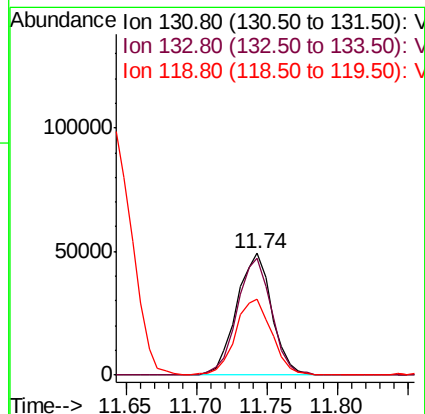
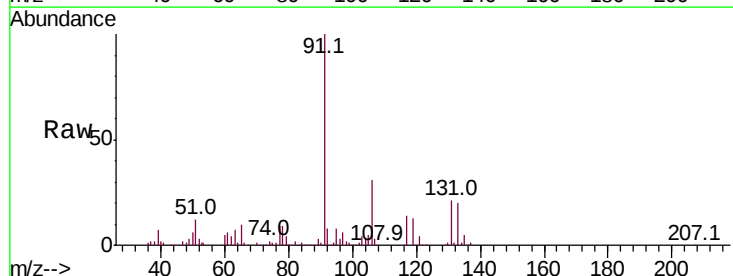
Tgt Ion:131 Resp: 85569

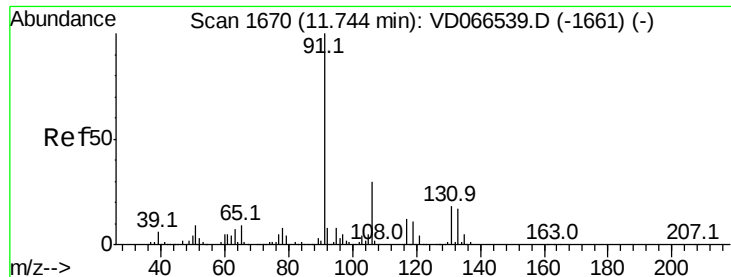
Ion Ratio Lower Upper

131 100

133 94.7 46.7 140.0

119 64.3 31.9 95.7

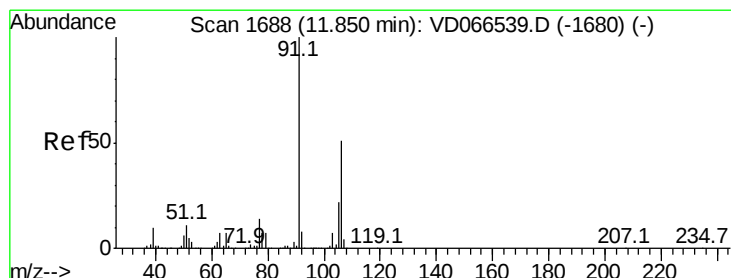
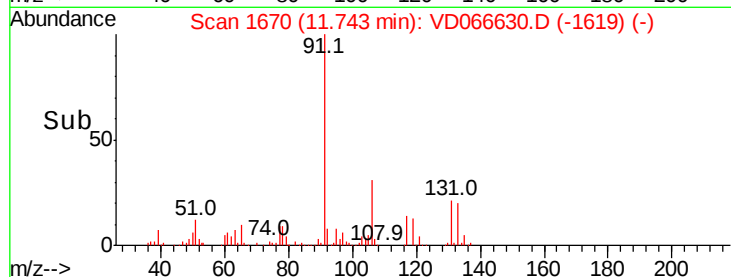
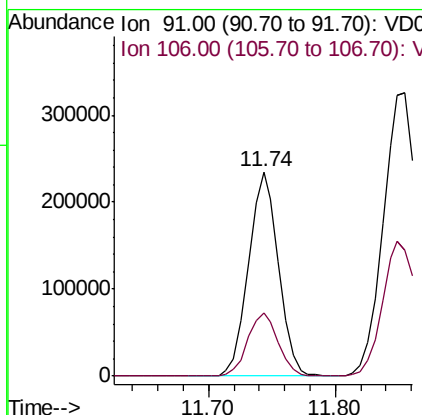
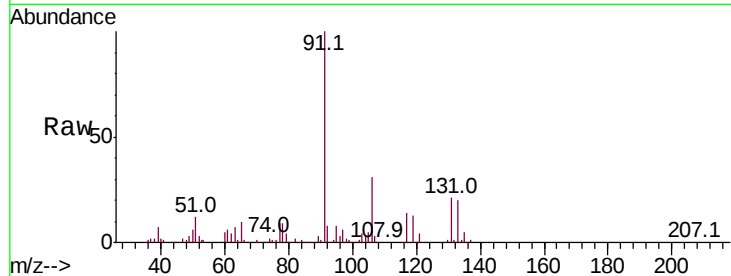




#67
Ethyl Benzene
Concen: 19.450 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

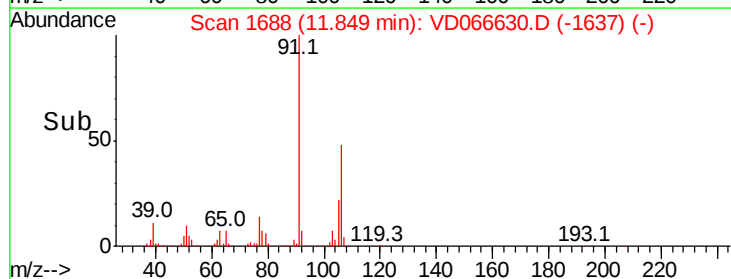
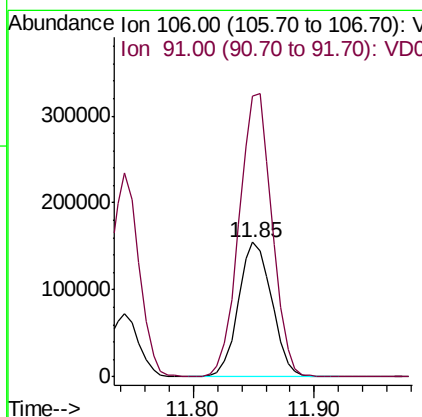
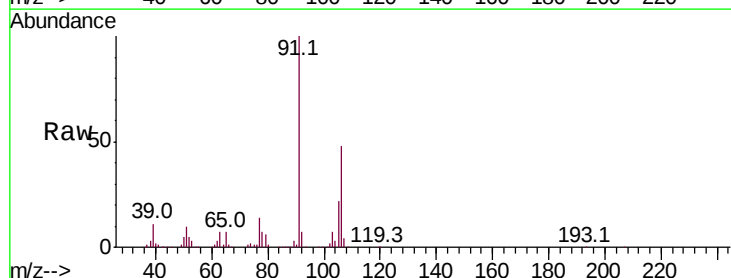
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

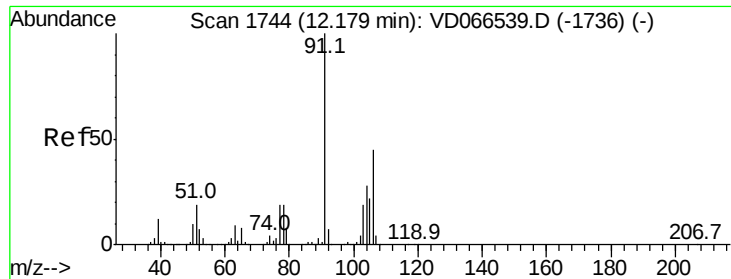
Tot Ion: 91 Resp: 385621
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 40.677 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 106 Resp: 299446
Ion Ratio Lower Upper
106 100
91 207.6 162.4 243.6

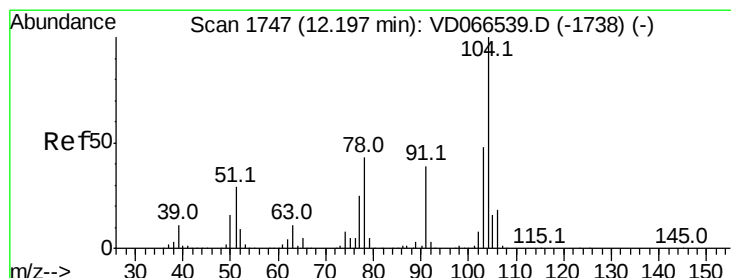
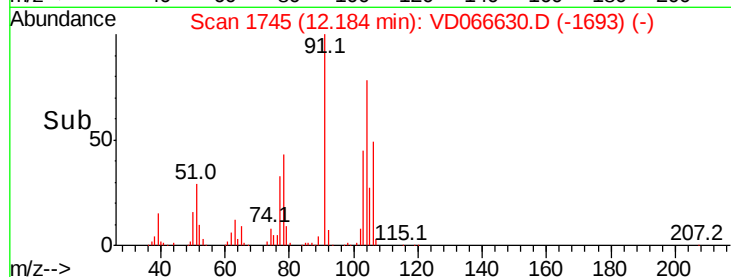
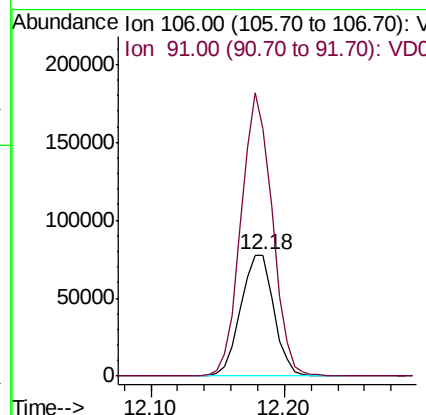
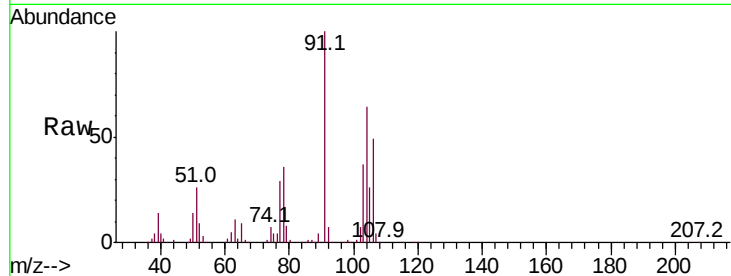




#69
o-Xylene
Concen: 20.140 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

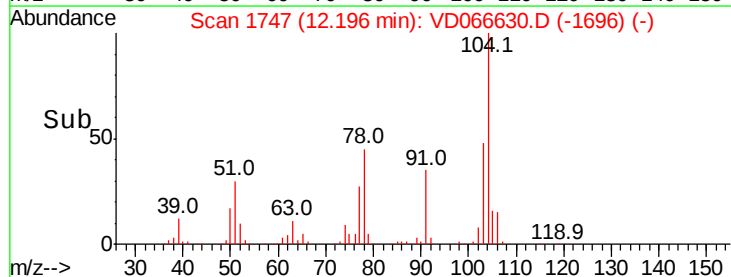
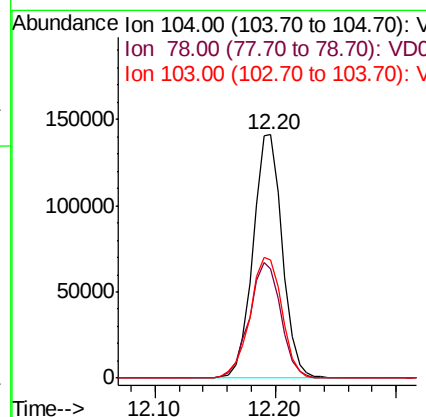
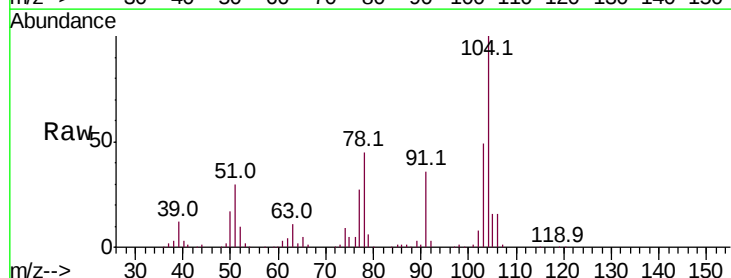
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

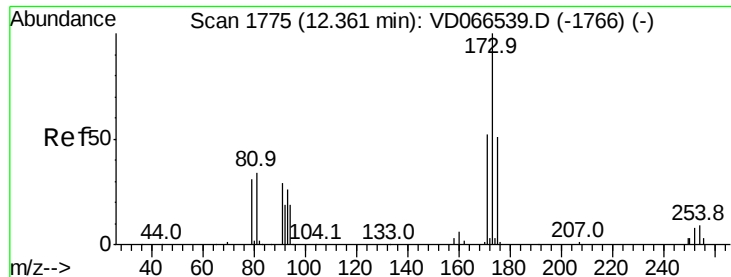
Tot Ion:106 Resp: 132871
Ion Ratio Lower Upper
106 100
91 221.0 107.9 323.8



#70
Styrene
Concen: 20.816 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion:104 Resp: 238754
Ion Ratio Lower Upper
104 100
78 51.3 40.7 61.1
103 54.0 42.9 64.3





#71

Bromoform

Concen: 20.796 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

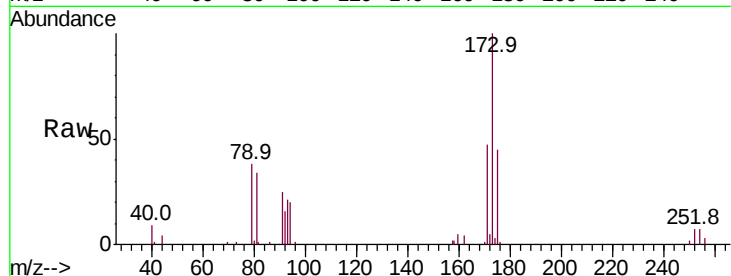
Tot Ion:173 Resp: 43188

Ion Ratio Lower Upper

173 100

175 47.3 24.2 72.6

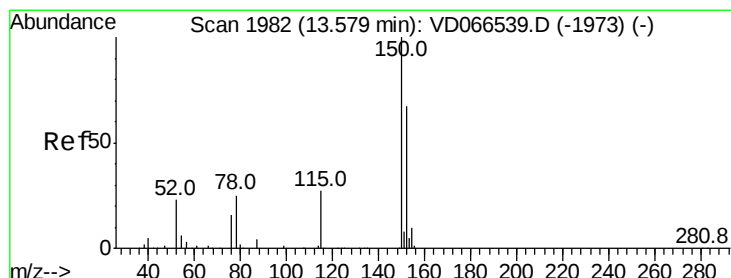
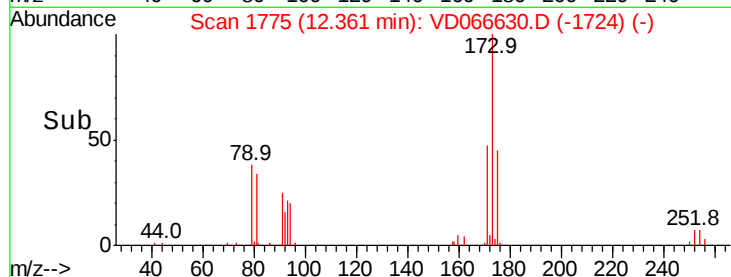
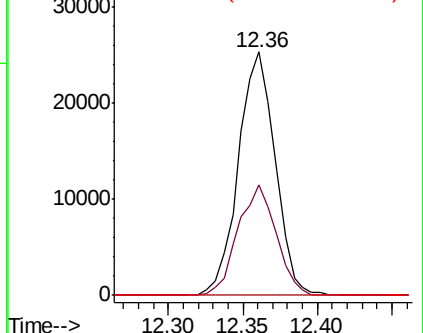
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

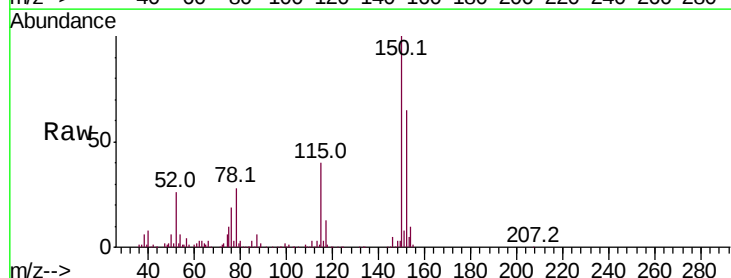
Tgt Ion:152 Resp: 239624

Ion Ratio Lower Upper

152 100

115 62.2 30.4 91.2

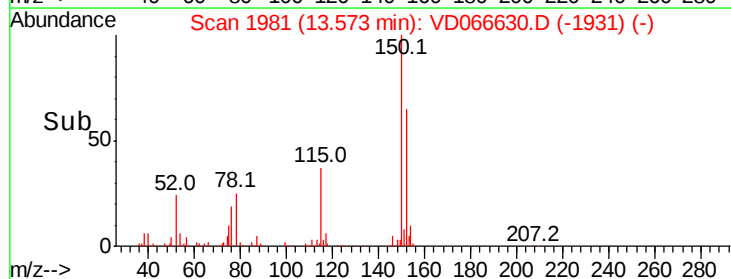
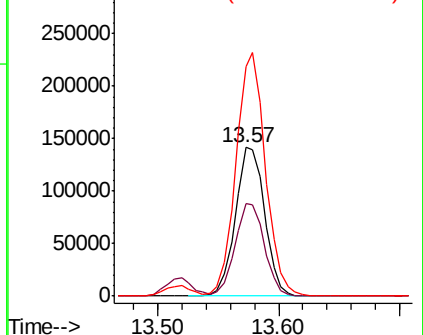
150 164.7 0.0 345.8

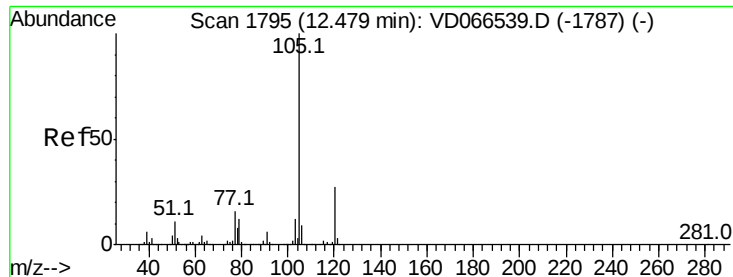


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.912 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

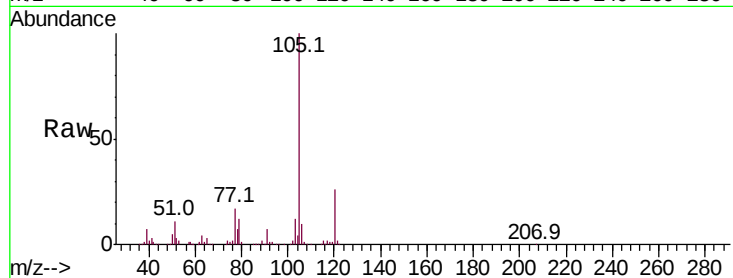
VD0910SBS02

Tot Ion:105 Resp: 371003

Ion Ratio Lower Upper

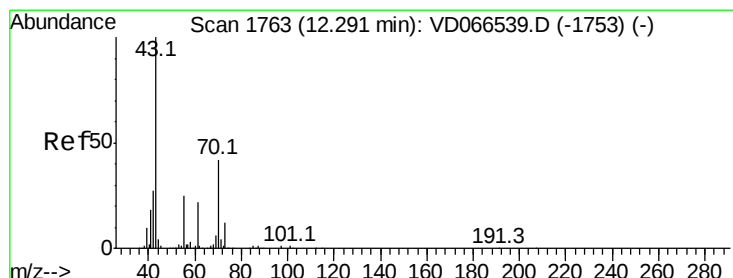
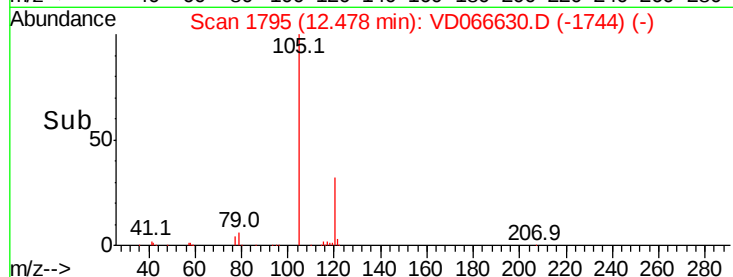
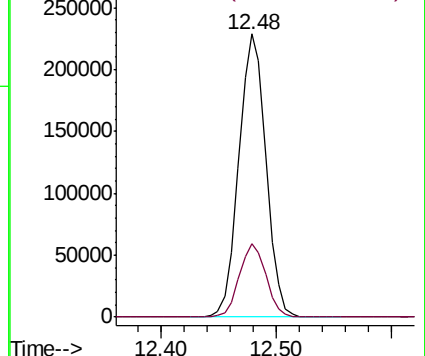
105 100

120 25.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.379 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Tgt Ion: 43 Resp: 85906

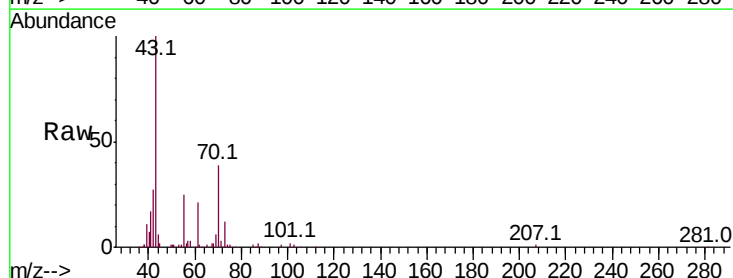
Ion Ratio Lower Upper

43 100

70 40.4 33.4 50.2

55 26.7 20.1 30.1

61 22.7 18.2 27.2

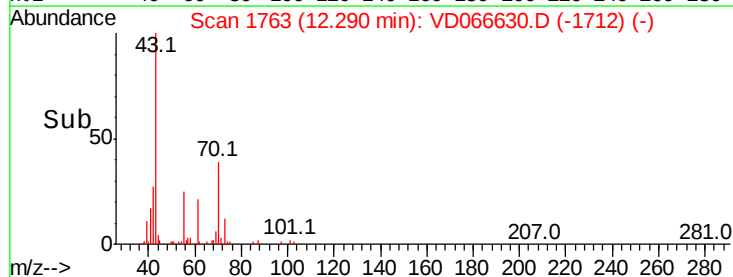
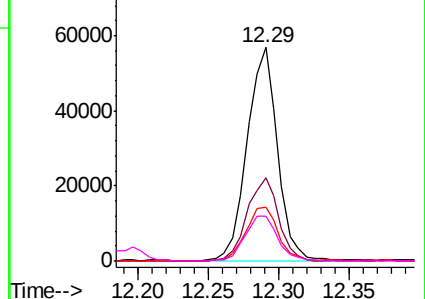


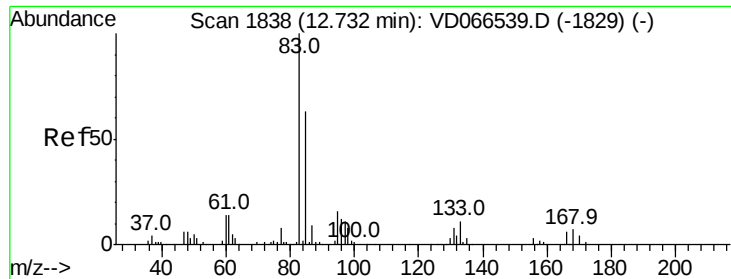
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 21.741 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

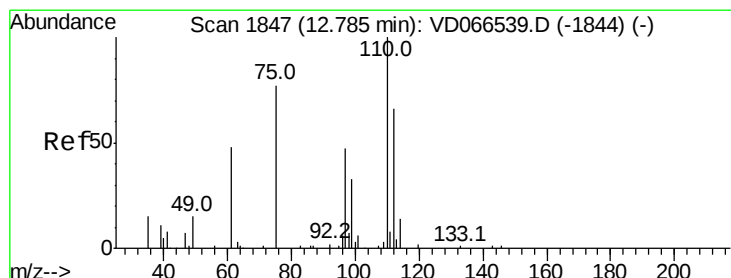
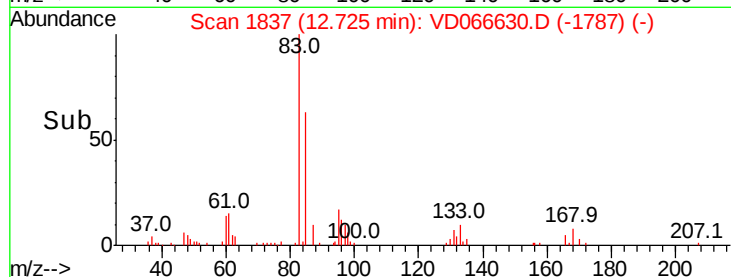
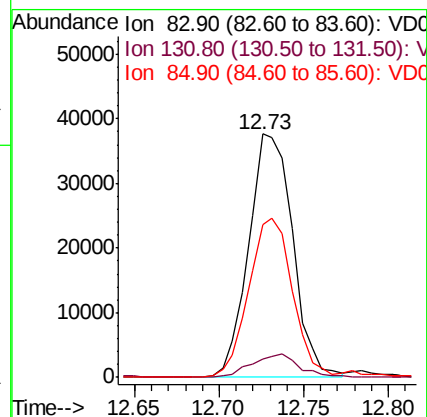
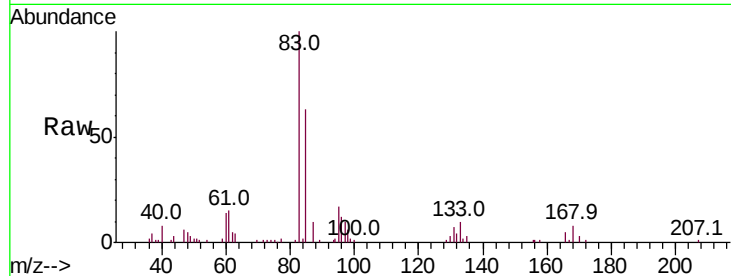
Tot Ion: 83 Resp: 68142

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 65.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 39.212 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066630.D

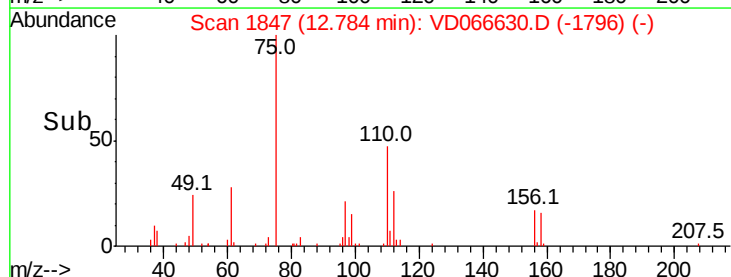
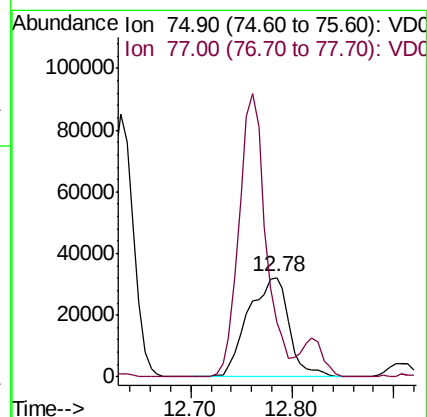
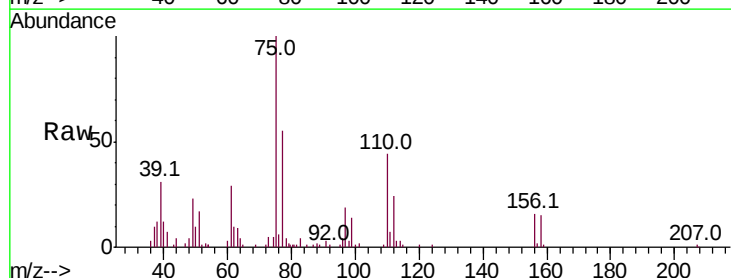
Acq: 10 Sep 2020 23:55

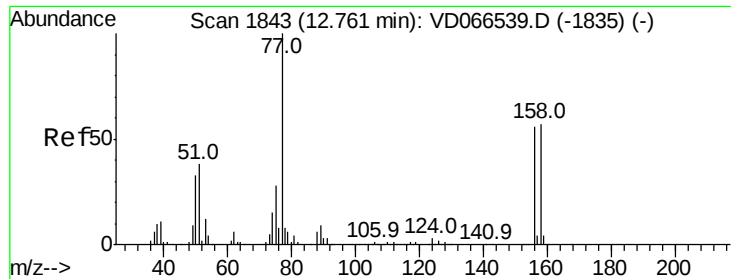
Tgt Ion: 75 Resp: 90366

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.385 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

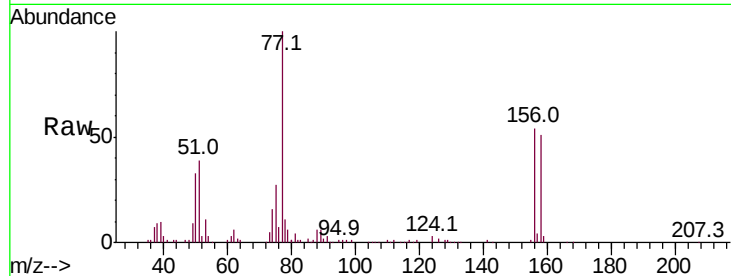
Tot Ion:156 Resp: 84586

Ion Ratio Lower Upper

156 100

77 202.8 98.0 294.1

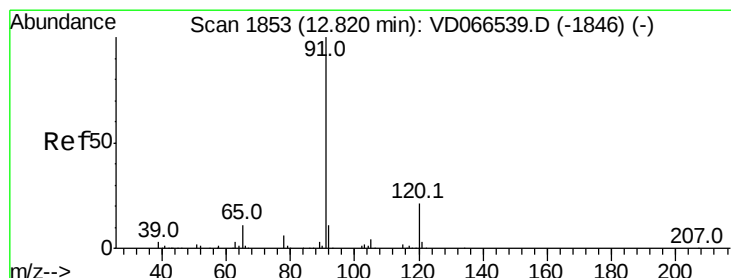
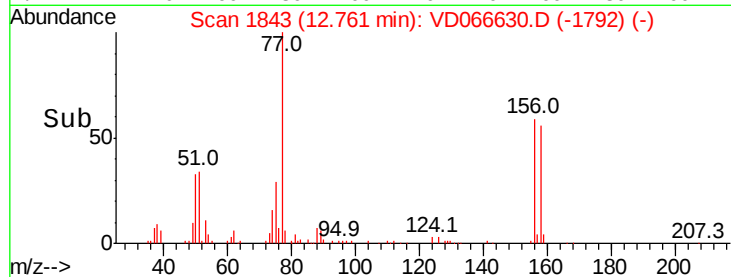
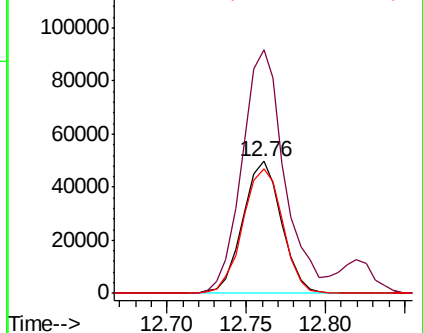
158 96.9 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.873 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066630.D

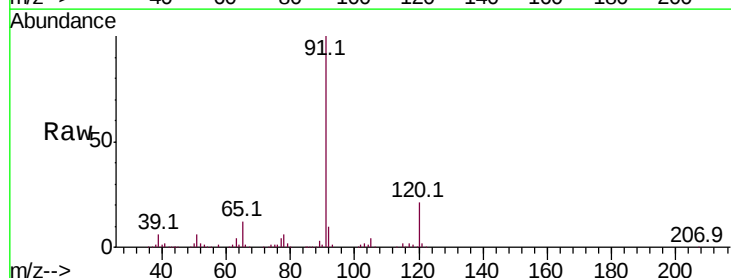
Acq: 10 Sep 2020 23:55

Tgt Ion: 91 Resp: 448925

Ion Ratio Lower Upper

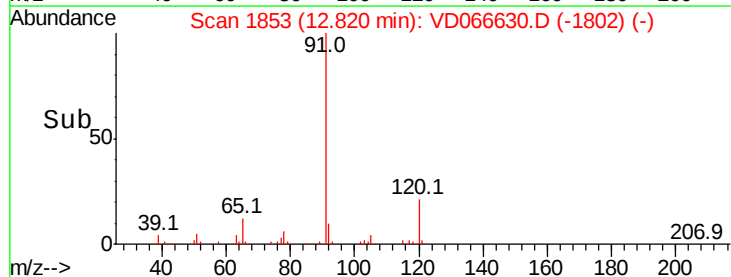
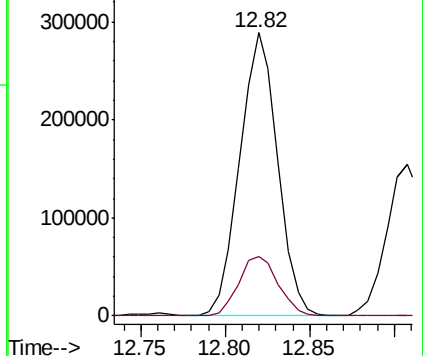
91 100

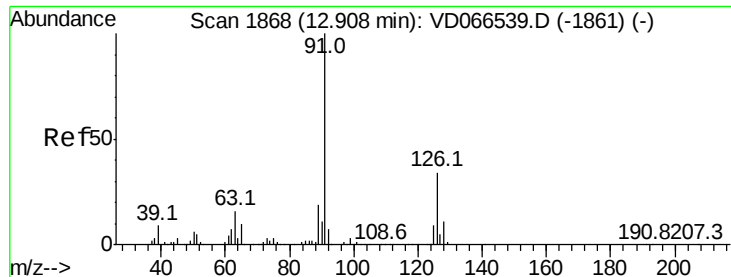
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.218 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

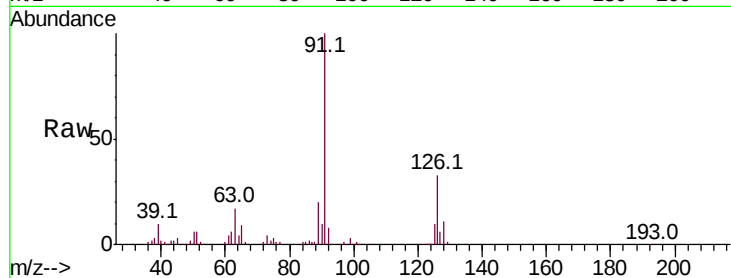
VD0910SBS02

Tot Ion: 91 Resp: 256002

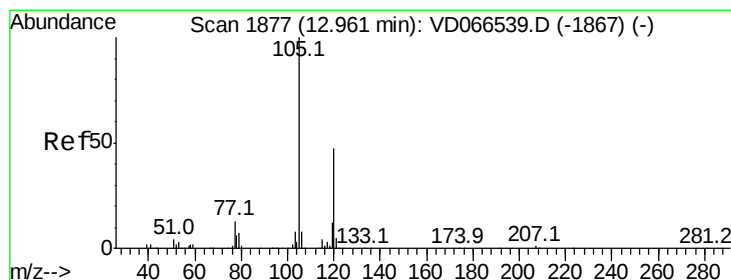
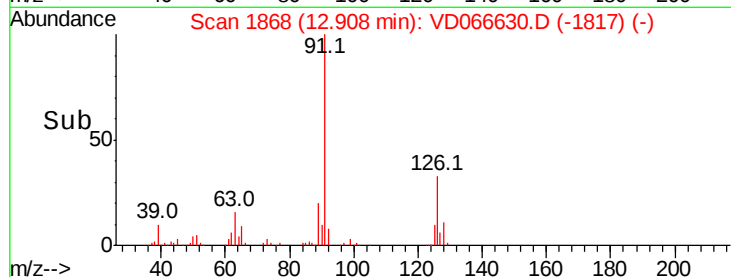
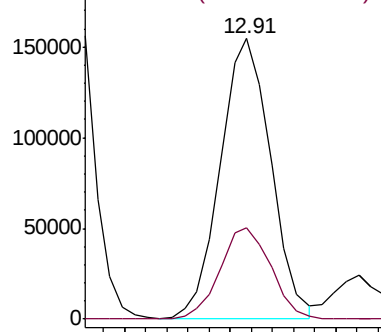
Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 20.787 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066630.D

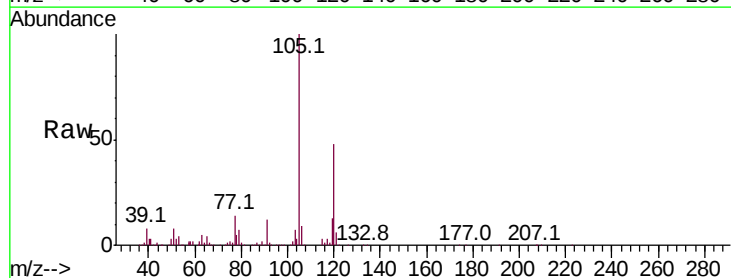
Acq: 10 Sep 2020 23:55

Tgt Ion:105 Resp: 310396

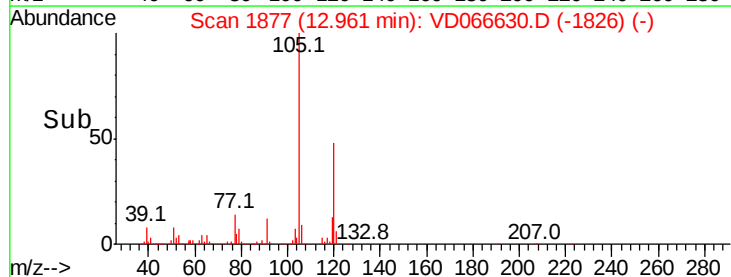
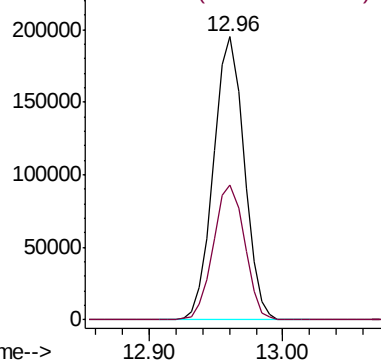
Ion Ratio Lower Upper

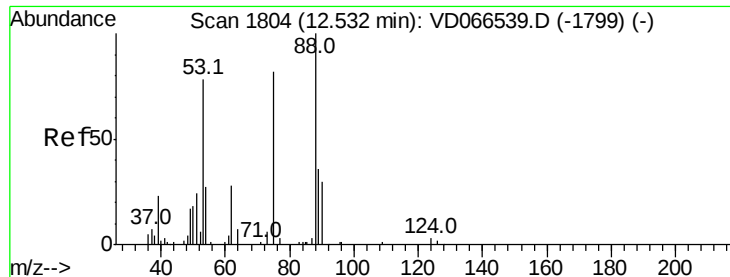
105 100

120 48.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.037 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

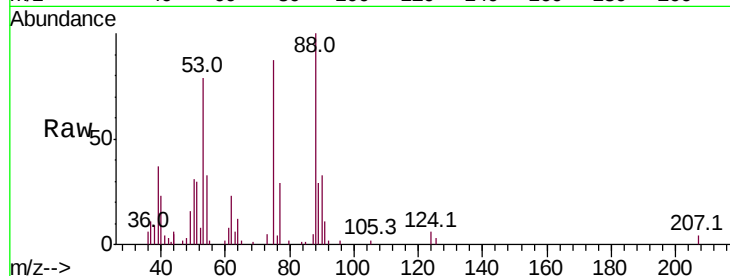
Tot Ion: 75 Resp: 18792

Ion Ratio Lower Upper

75 100

53 117.6 87.0 130.4

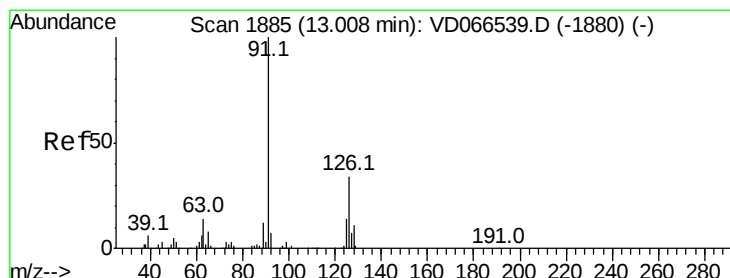
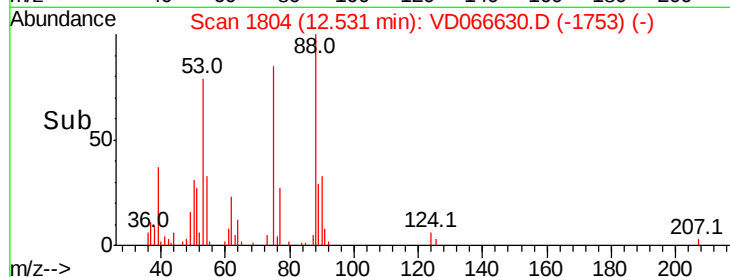
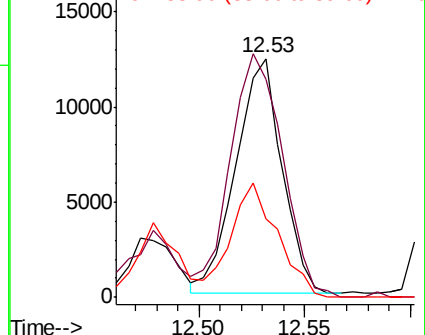
89 48.5 37.1 55.7



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: 21.410 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066630.D

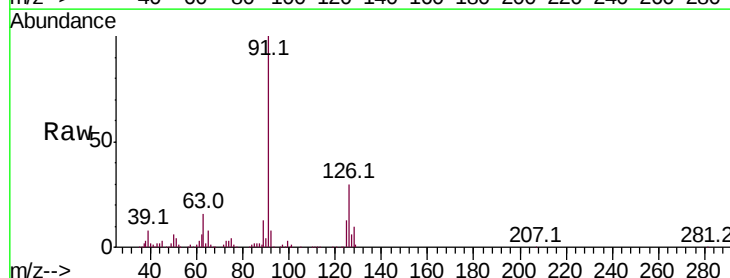
Acq: 10 Sep 2020 23:55

Tgt Ion: 91 Resp: 276241

Ion Ratio Lower Upper

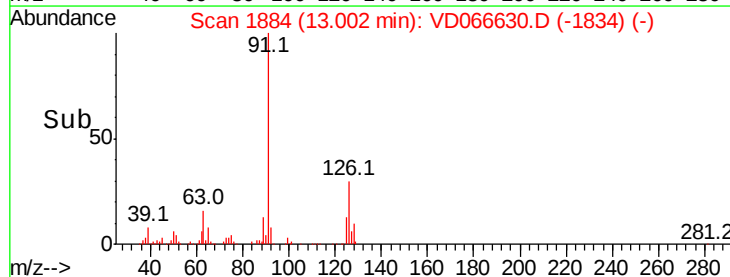
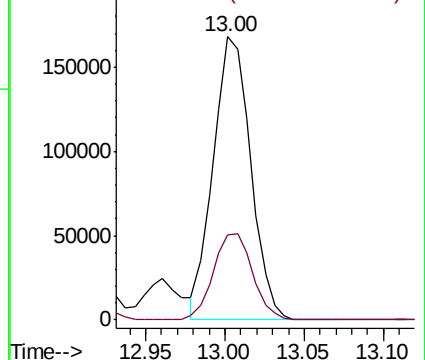
91 100

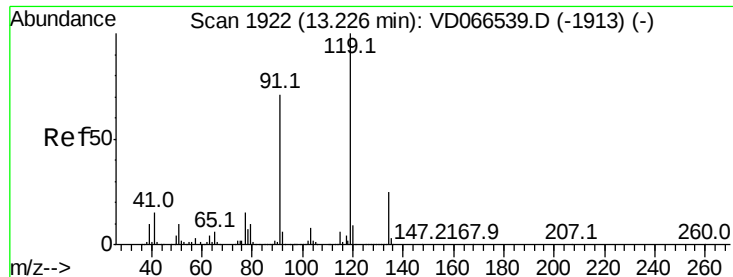
126 31.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

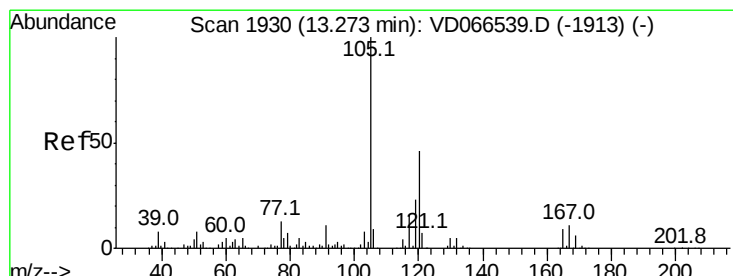
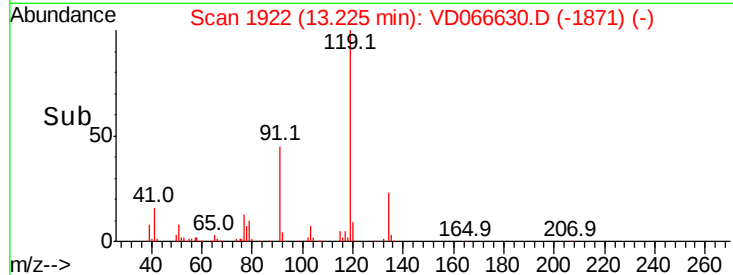
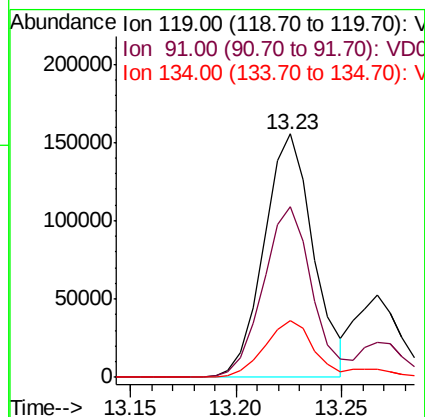
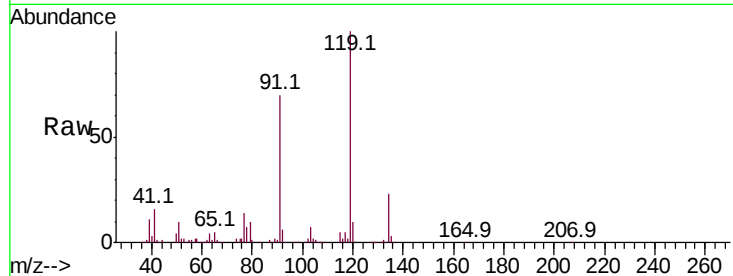




#83
tert-Butylbenzene
Concen: 20.776 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

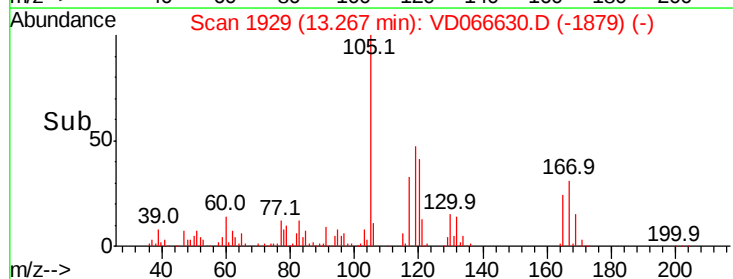
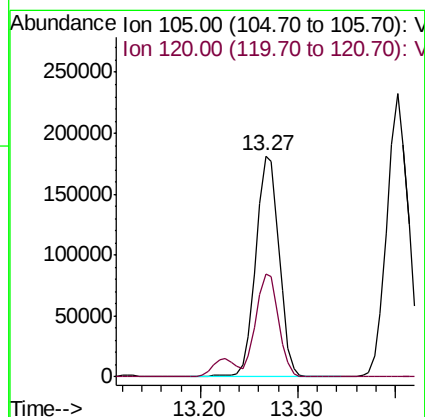
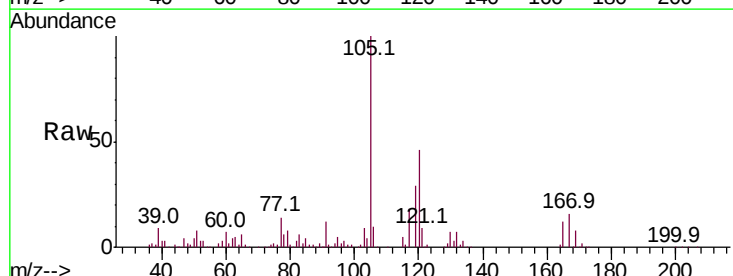
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

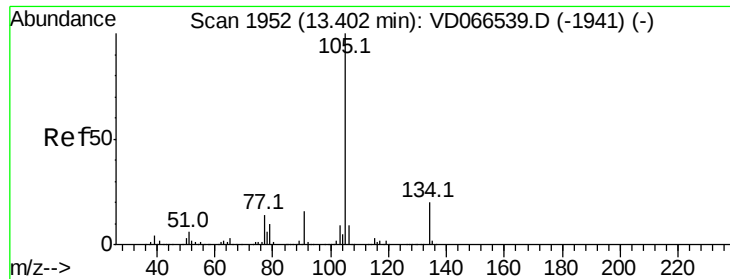
Tot Ion:119 Resp: 253346
Ion Ratio Lower Upper
119 100
91 69.9 35.2 105.6
134 23.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 20.689 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion:105 Resp: 307583
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.362 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

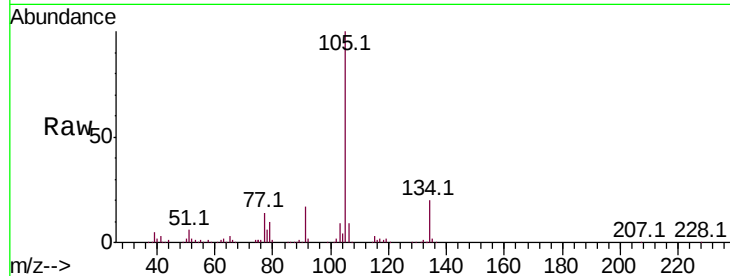
VD0910SBS02

Tot Ion:105 Resp: 357730

Ion Ratio Lower Upper

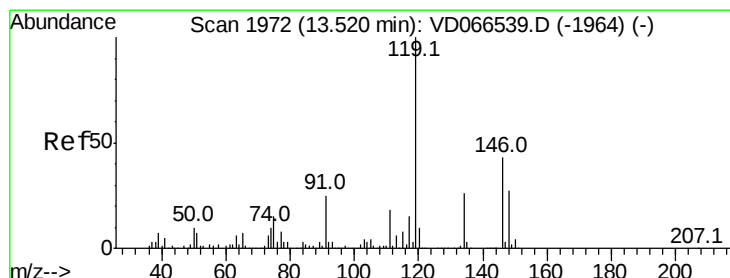
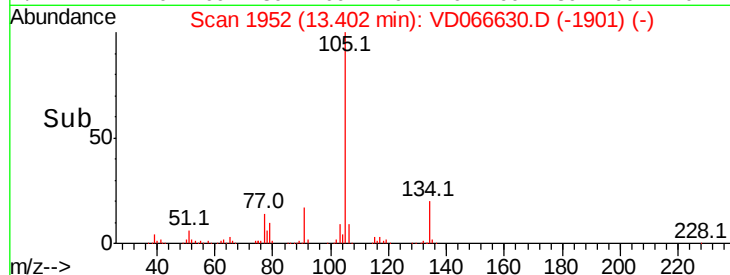
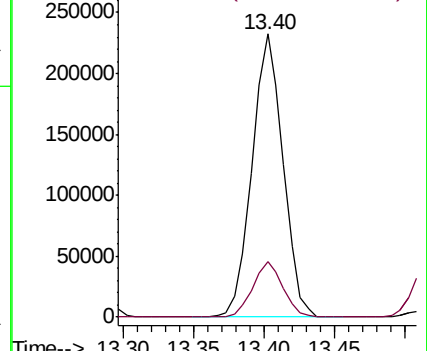
105 100

134 19.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.232 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

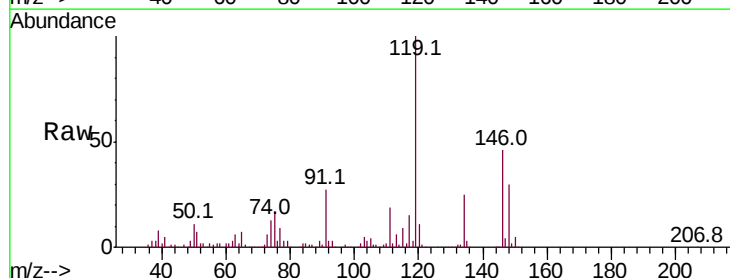
Tgt Ion:119 Resp: 319922

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

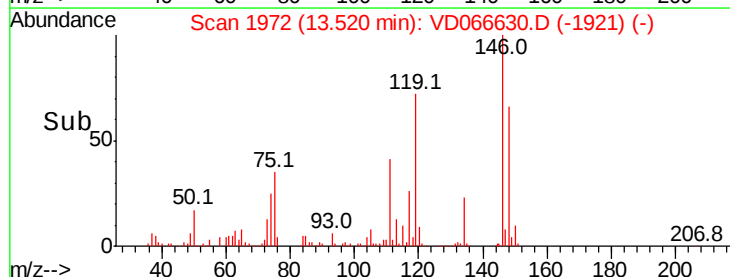
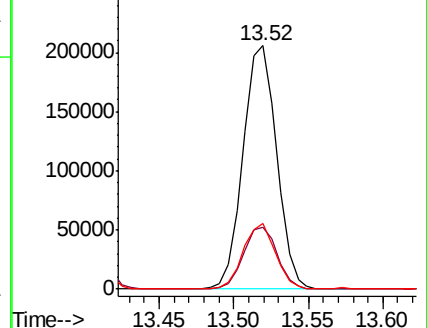
91 26.1 12.5 37.5

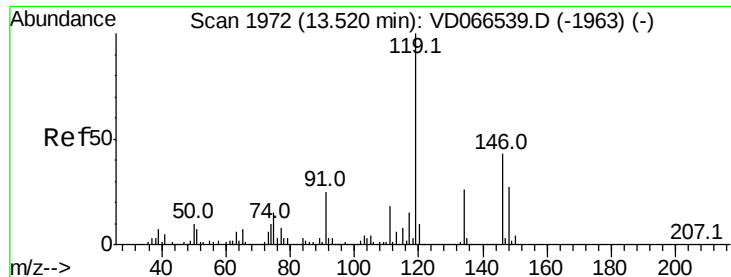


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.571 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

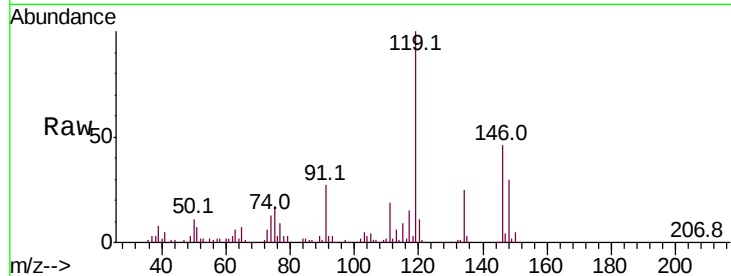
Tot Ion:146 Resp: 161535

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

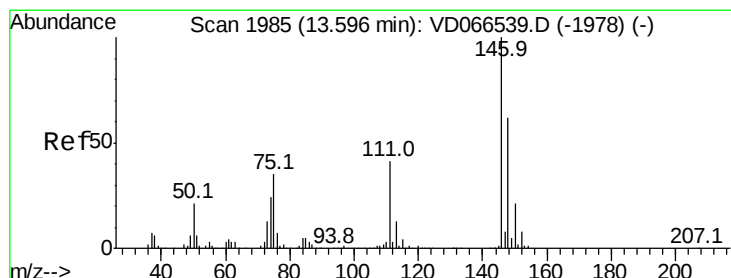
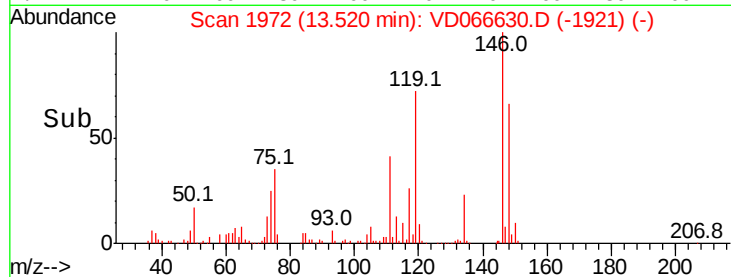
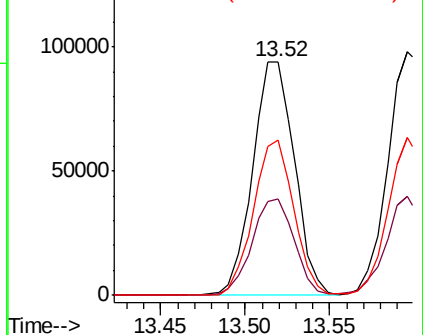
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.837 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066630.D

Acq: 10 Sep 2020 23:55

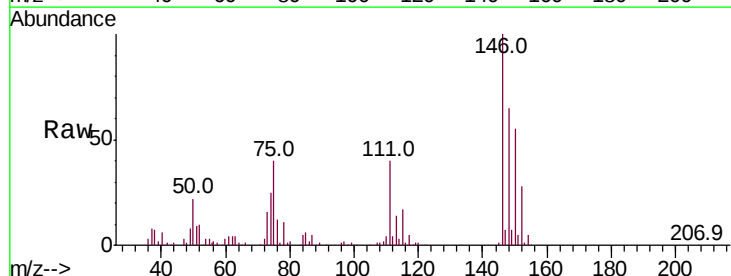
Tgt Ion:146 Resp: 164229

Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.2

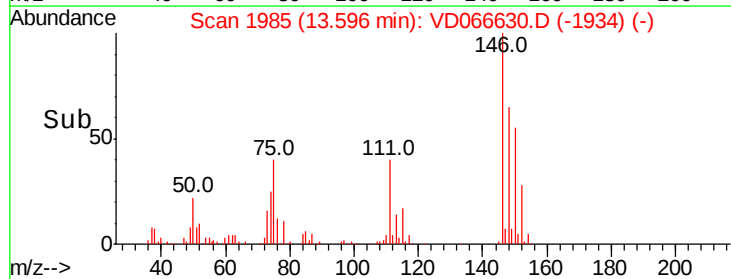
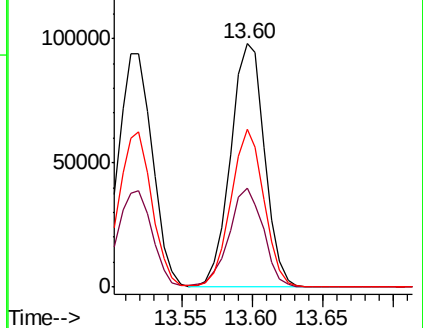
148 62.6 31.6 94.8

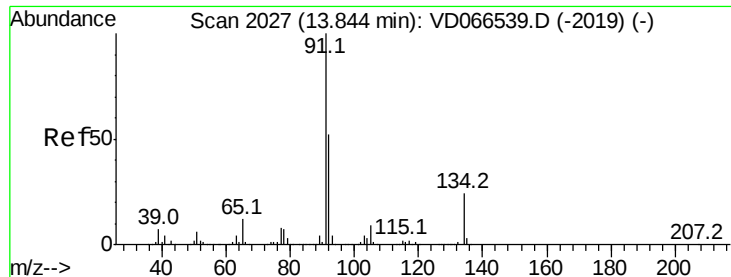


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

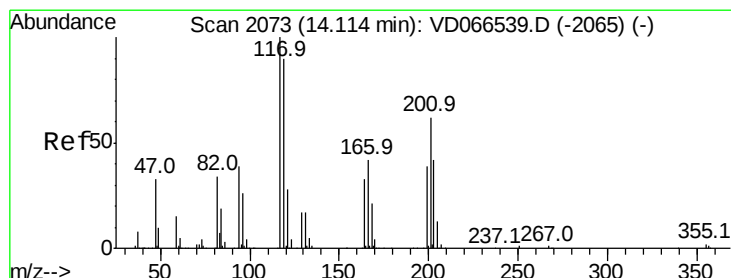
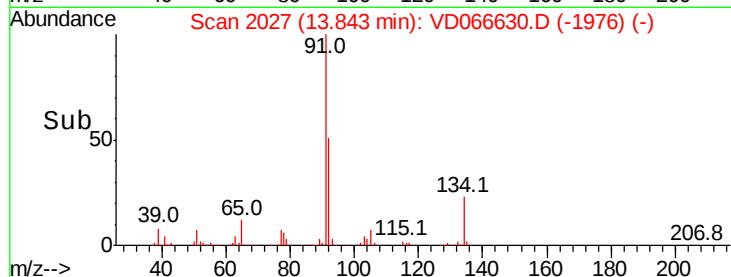
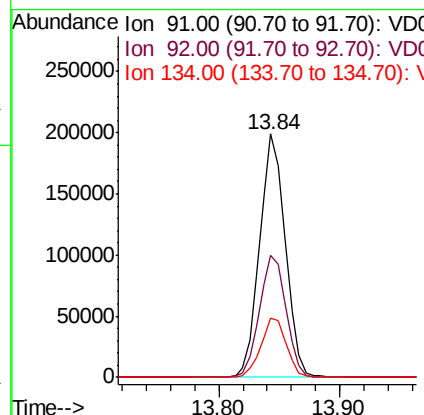
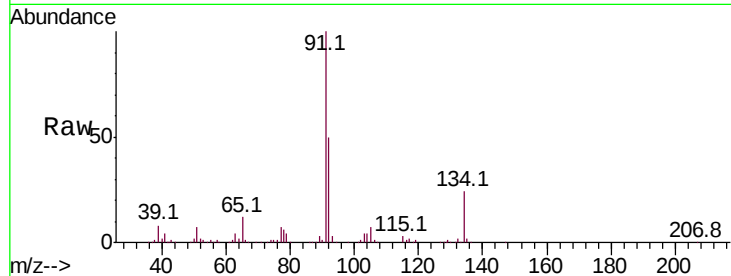




#89
n-Butylbenzene
Concen: 19.248 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

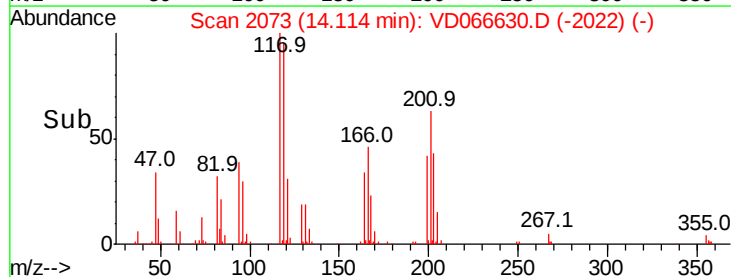
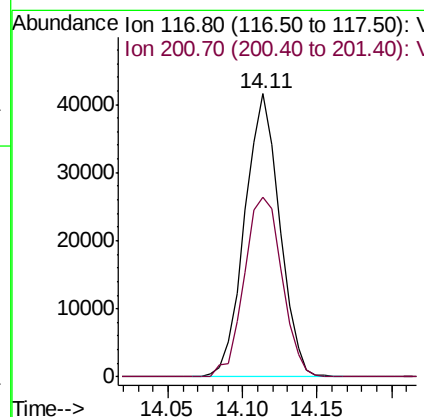
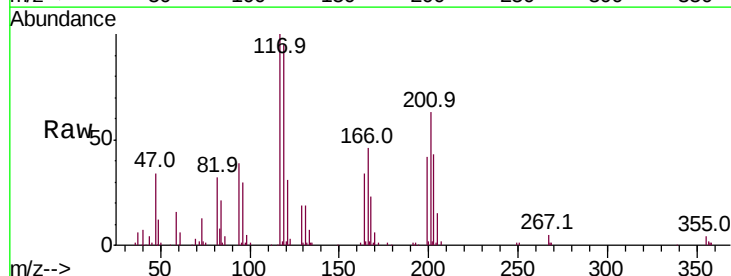
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

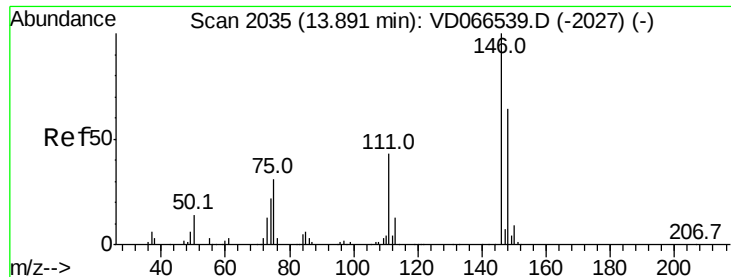
Tot Ion: 91 Resp: 296588
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 24.3 12.1 36.3



#90
Hexachloroethane
Concen: 19.811 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion: 117 Resp: 67499
Ion Ratio Lower Upper
117 100
201 68.4 31.9 95.5

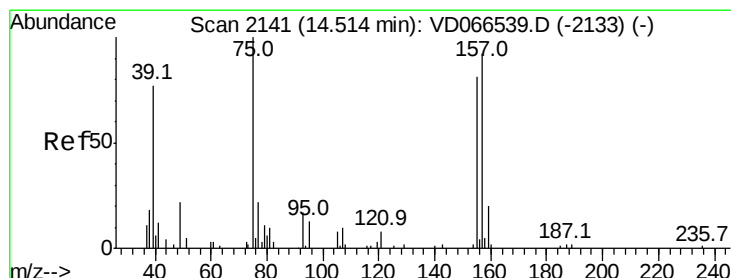
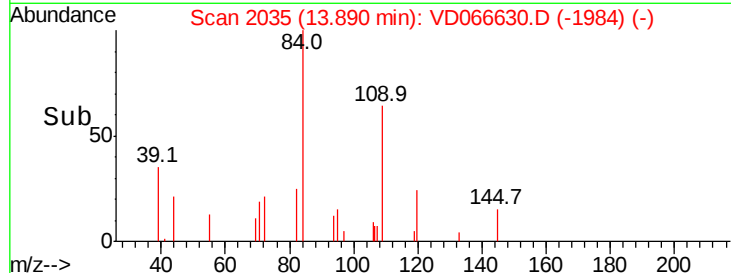
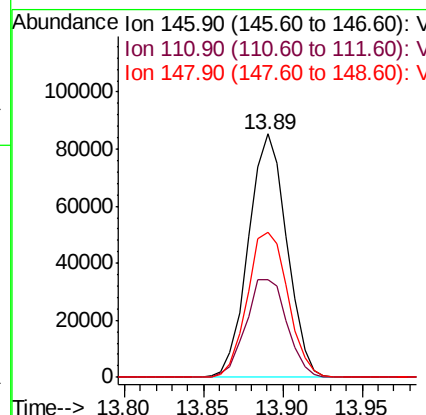
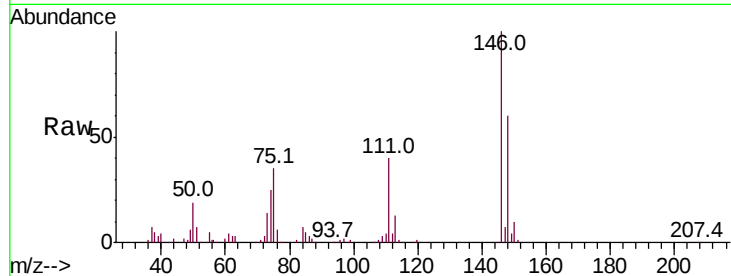




#91
 1,2-Dichlorobenzene
 Concen: 20.961 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

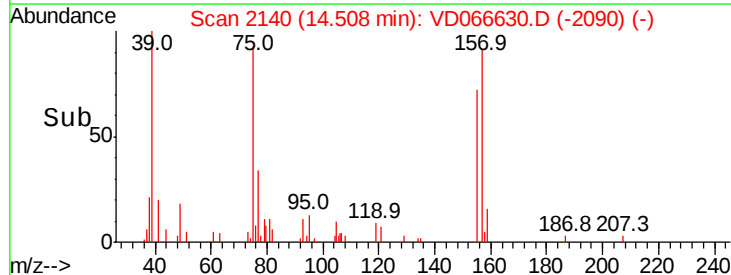
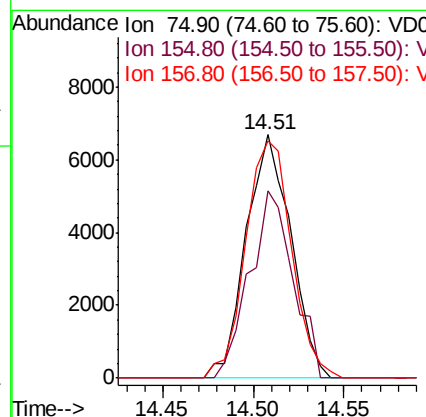
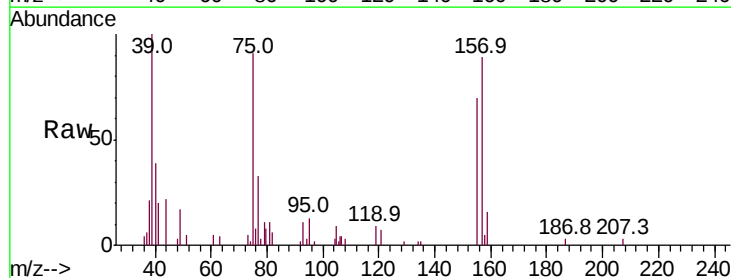
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

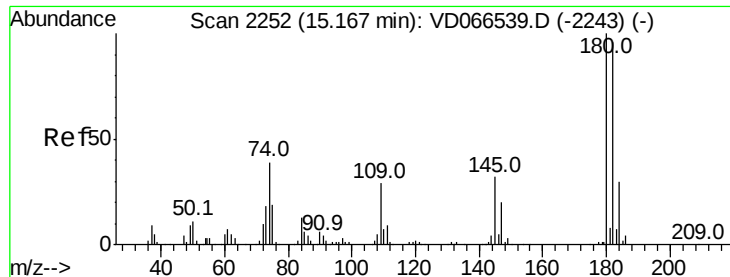
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	63.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.580 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.4	39.3	117.8
157	100.5	46.0	137.8

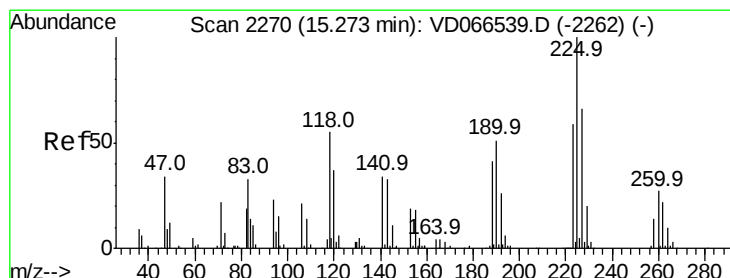
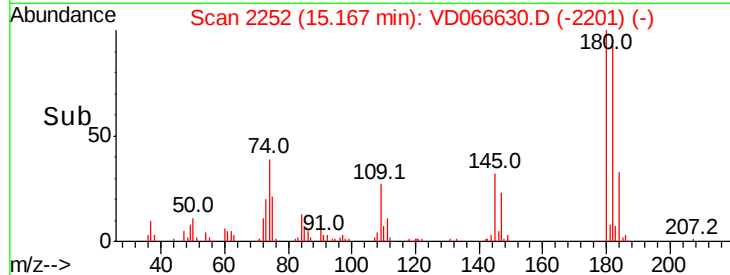
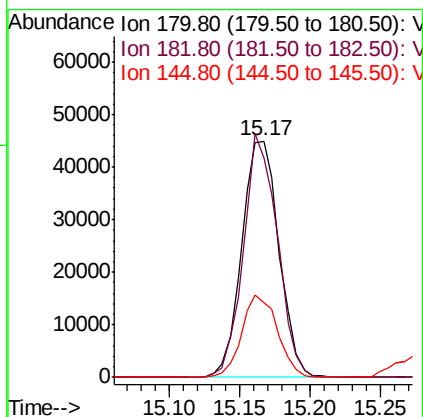
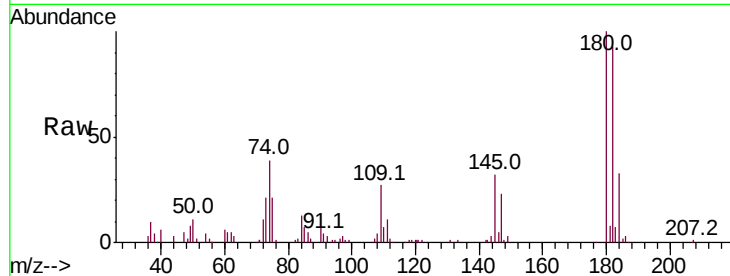




#93
 1,2,4-Trichlorobenzene
 Concen: 20.171 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

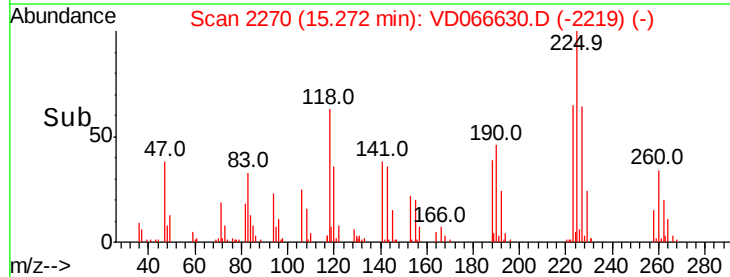
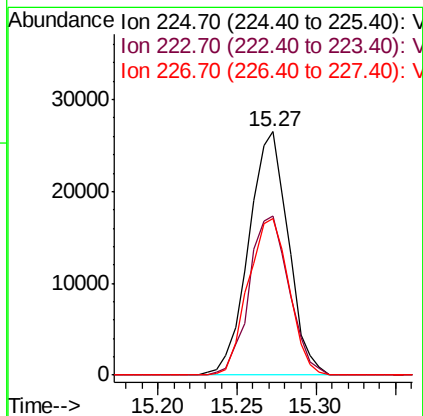
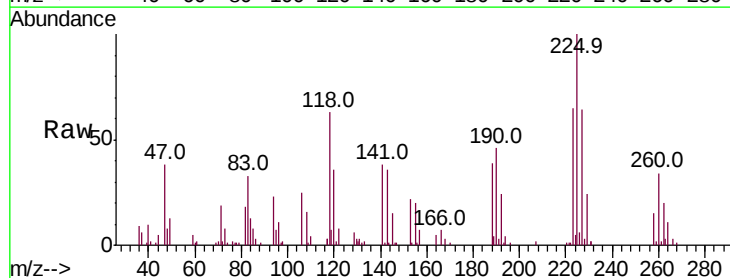
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

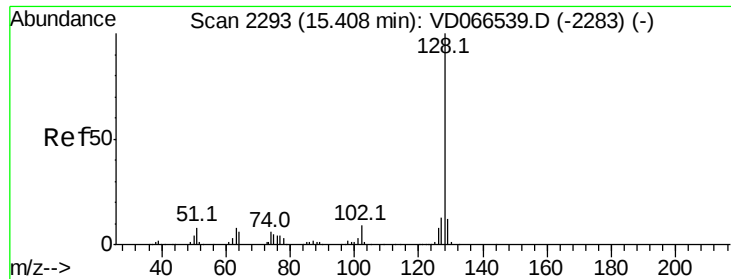
Tot Ion:180 Resp: 83086
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.4 145.0
 145 33.6 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 18.631 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066630.D
 Acq: 10 Sep 2020 23:55

Tgt Ion:225 Resp: 46105
 Ion Ratio Lower Upper
 225 100
 223 65.9 30.5 91.5
 227 66.1 32.4 97.2

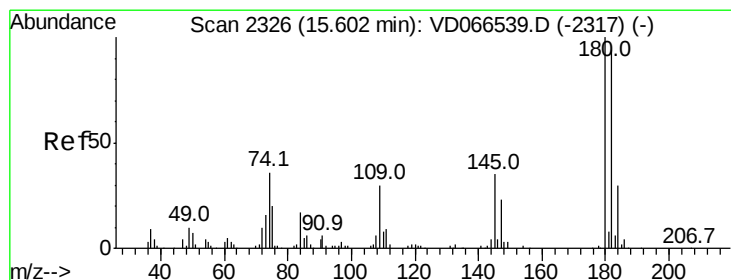
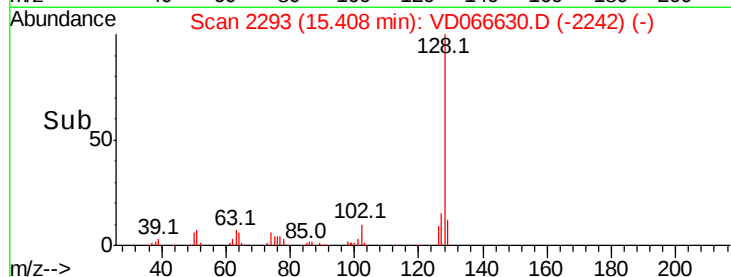
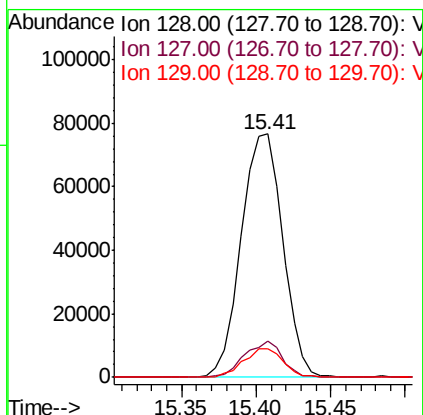
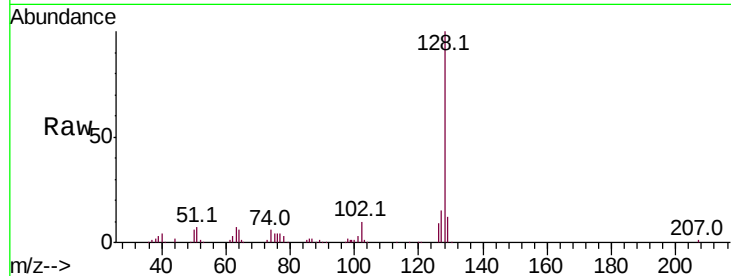




#95
Naphthalene
Concen: 20.572 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

Tot Ion:128 Resp: 148080
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.2 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 20.409 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066630.D
Acq: 10 Sep 2020 23:55

Tgt Ion:180 Resp: 71674
Ion Ratio Lower Upper
180 100
182 97.8 47.9 143.6
145 32.9 17.3 51.7

