

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066930.D
 Acq On : 29 Sep 2020 11:16
 Operator : VA/SY
 Sample : VD0929SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Quant Time: Sep 30 02:34:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	419254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	663635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	595627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175867	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
35) Dibromofluoromethane	7.91	113	190446	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	10.34	98	677550	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.63	95	238841	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	76931	23.197	ug/l	90
3) Chloromethane	2.21	50	68458	17.772	ug/l	98
4) Vinyl Chloride	2.35	62	69640	18.299	ug/l	90
5) Bromomethane	2.76	94	49554	18.526	ug/l	87
6) Chloroethane	2.92	64	41488	17.555	ug/l	96
7) Trichlorofluoromethane	3.27	101	156986	20.086	ug/l	94
8) Diethyl Ether	3.71	74	39261	19.787	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90260	19.916	ug/l	97
10) Methyl Iodide	4.30	142	77467	19.371	ug/l	97
11) Tert butyl alcohol	5.21	59	32882	104.893	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	80790	19.679	ug/l	95
13) Acrolein	3.92	56	23694	78.272	ug/l	94
14) Allyl chloride	4.71	41	111152	18.438	ug/l	96
15) Acrylonitrile	5.43	53	81885	93.124	ug/l	99
16) Acetone	4.16	43	65866	75.665	ug/l	94
17) Carbon Disulfide	4.41	76	244627	19.490	ug/l	98
18) Methyl Acetate	4.72	43	39098	17.793	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	171495	19.235	ug/l	91
20) Methylene Chloride	4.96	84	107011	19.191	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	95736	20.139	ug/l	92
22) Diisopropyl ether	6.37	45	234137	18.889	ug/l	97
23) Vinyl Acetate	6.31	43	563524	85.514	ug/l #	94
24) 1,1-Dichloroethane	6.26	63	156115	18.827	ug/l	99
25) 2-Butanone	7.21	43	94982	90.797	ug/l	91
26) 2,2-Dichloropropane	7.21	77	148957	19.599	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	106438	20.608	ug/l	95
28) Bromochloromethane	7.54	49	59883	17.481	ug/l	90
29) Tetrahydrofuran	7.56	42	62453	93.173	ug/l	98
30) Chloroform	7.71	83	173939	19.460	ug/l	99
31) Cyclohexane	7.98	56	140756	18.865	ug/l #	95
32) 1,1,1-Trichloroethane	7.90	97	160346	19.830	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132175	20.076	ug/l	99
37) Ethyl Acetate	7.29	43	46258	19.435	ug/l #	96
38) Carbon Tetrachloride	8.10	117	142577	19.808	ug/l	97

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 Data File : VD066930.D
 Acq On : 29 Sep 2020 11:16
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 Sample : VD0929SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
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 VD0929SBS01

Quant Time: Sep 30 02:34:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	153441	20.299	ug/l	97
40) Benzene	8.35	78	366968	19.999	ug/l	99
41) Methacrylonitrile	7.53	41	27339	18.678	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104880	19.335	ug/l	99
43) Isopropyl Acetate	8.45	43	85098	18.545	ug/l	97
44) Trichloroethene	9.11	130	105739	20.218	ug/l	94
45) 1,2-Dichloropropane	9.39	63	89345	19.353	ug/l	93
46) Dibromomethane	9.47	93	49824	19.864	ug/l	95
47) Bromodichloromethane	9.66	83	130964	19.436	ug/l #	95
48) Methyl methacrylate	9.46	41	45156	19.959	ug/l	95
49) 1,4-Dioxane	9.46	88	11550	337.270	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	221746	95.370	ug/l	100
52) Toluene	10.40	92	245448	20.767	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	115186	20.084	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	136854	19.570	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	72180	20.933	ug/l	97
56) Ethyl methacrylate	10.66	69	74129	20.067	ug/l	96
57) 1,3-Dichloropropane	10.94	76	113871	19.999	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	191553	109.516	ug/l	97
59) 2-Hexanone	10.98	43	143741	91.671	ug/l	98
60) Dibromochloromethane	11.14	129	90911	20.201	ug/l	100
61) 1,2-Dibromoethane	11.24	107	66030	20.588	ug/l	99
64) Tetrachloroethene	10.87	164	93685	21.866	ug/l	96
65) Chlorobenzene	11.67	112	258826	20.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97908	20.865	ug/l	99
67) Ethyl Benzene	11.74	91	444240	20.401	ug/l	99
68) m/p-Xylenes	11.85	106	351317	42.613	ug/l	99
69) o-Xylene	12.18	106	157443	21.119	ug/l	96
70) Styrene	12.20	104	267514	20.663	ug/l	98
71) Bromoform	12.36	173	51163	21.534	ug/l #	96
73) Isopropylbenzene	12.48	105	430066	20.561	ug/l	98
74) N-amyl acetate	12.29	43	77195	18.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73308	20.311	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	95164	39.659	ug/l #	100
77) Bromobenzene	12.76	156	103761	21.210	ug/l	96
78) n-propylbenzene	12.82	91	518350	20.599	ug/l	100
79) 2-Chlorotoluene	12.91	91	291975	20.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	370796	20.892	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19095	19.910	ug/l	96
82) 4-Chlorotoluene	13.01	91	312732	20.689	ug/l	98
83) tert-Butylbenzene	13.23	119	301366	20.664	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	361268	20.527	ug/l	98
85) sec-Butylbenzene	13.41	105	441594	21.056	ug/l	100
86) p-Isopropyltoluene	13.52	119	404634	21.405	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	199737	20.666	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	201198	20.960	ug/l	100
89) n-Butylbenzene	13.85	91	362660	20.184	ug/l	99
90) Hexachloroethane	14.11	117	75940	19.787	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	170936	20.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11560	19.910	ug/l	90

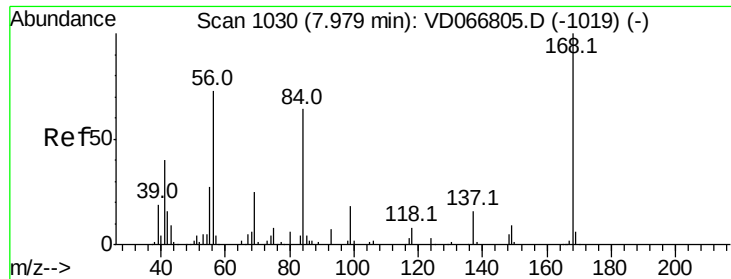
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
Data File : VD066930.D
Acq On : 29 Sep 2020 11:16
Operator : VA/SY
Sample : VD0929SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	111012	21.327	ug/l	96
94) Hexachlorobutadiene	15.27	225	67678	21.697	ug/l	98
95) Naphthalene	15.41	128	174594	19.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	95817	21.327	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

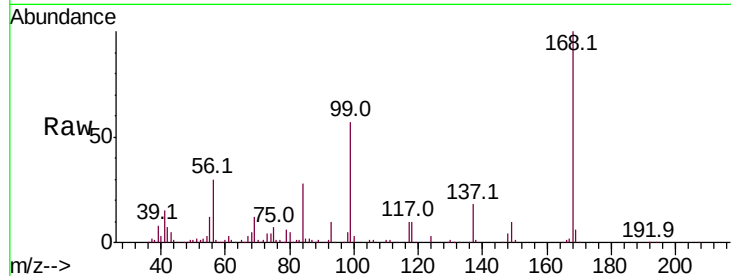
VD0929SBSD01

Tot Ion:168 Resp: 419254

Ion Ratio Lower Upper

168 100

99 57.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

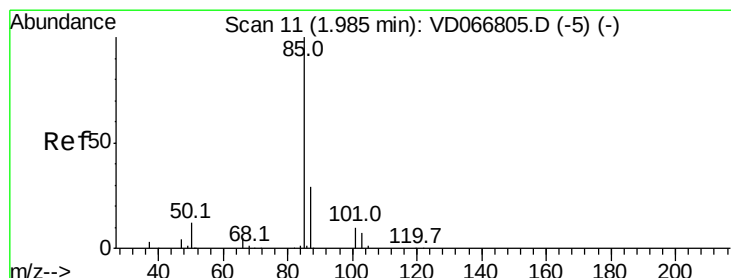
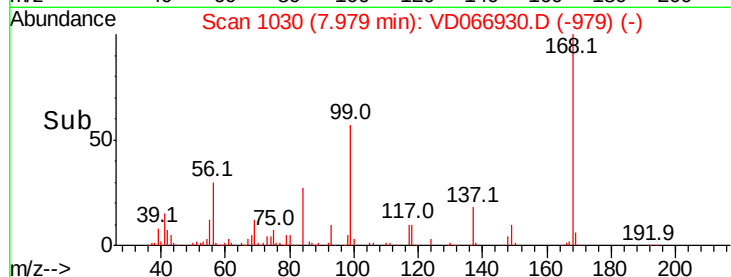
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.197 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066930.D

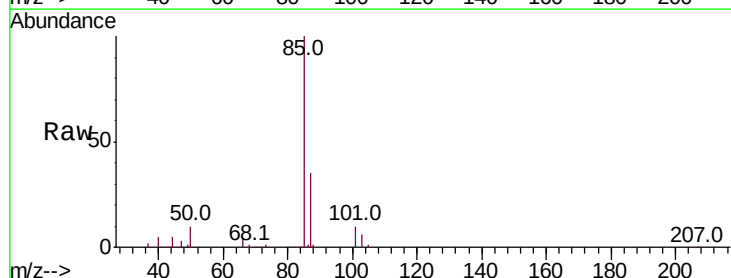
Acq: 29 Sep 2020 11:16

Tgt Ion: 85 Resp: 76931

Ion Ratio Lower Upper

85 100

87 34.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

60000

50000

40000

30000

20000

10000

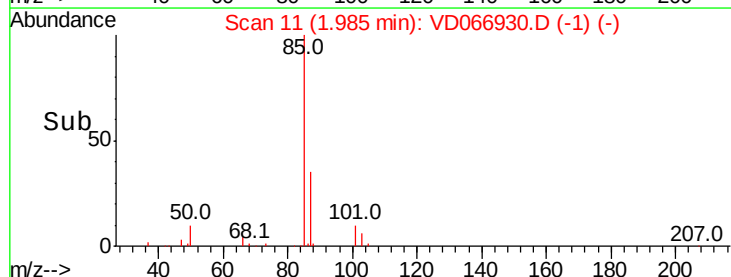
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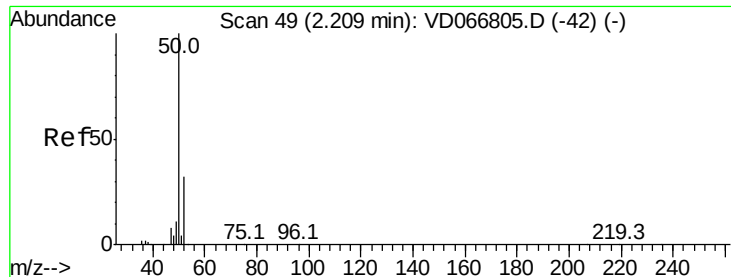
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 17.772 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

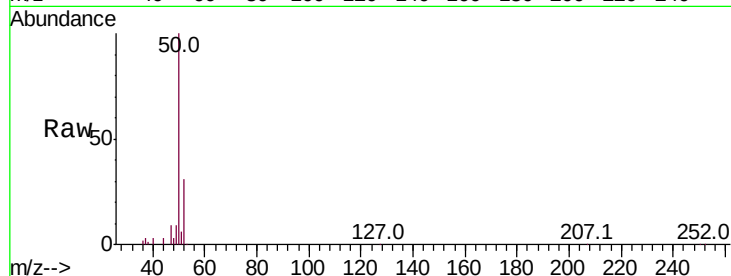
VD0929SBSD01

Tot Ion: 50 Resp: 68458

Ion Ratio Lower Upper

50 100

52 31.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

50000

40000

30000

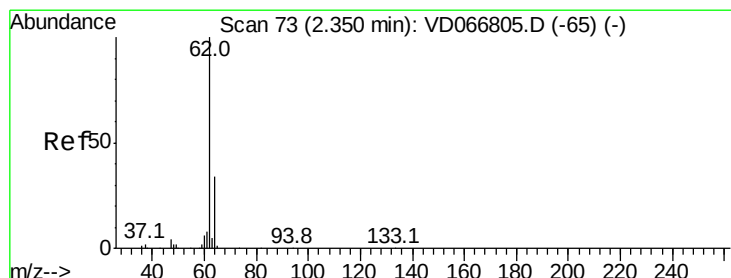
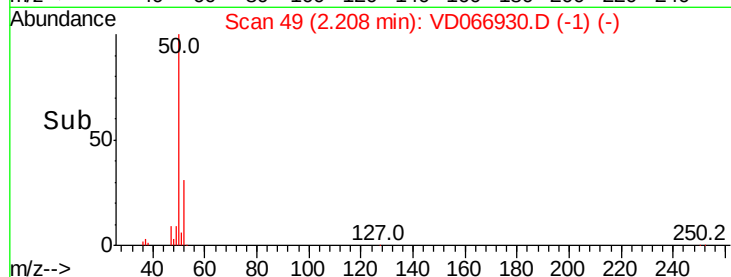
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 18.299 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066930.D

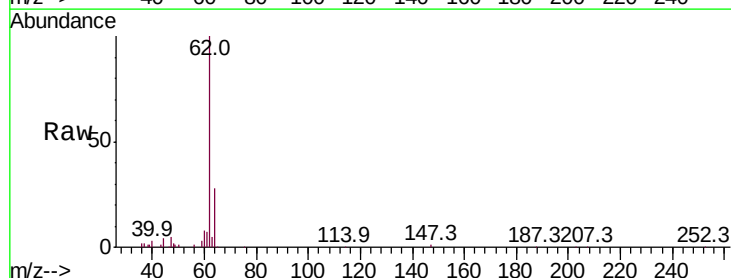
Acq: 29 Sep 2020 11:16

Tgt Ion: 62 Resp: 69640

Ion Ratio Lower Upper

62 100

64 27.8 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

30000

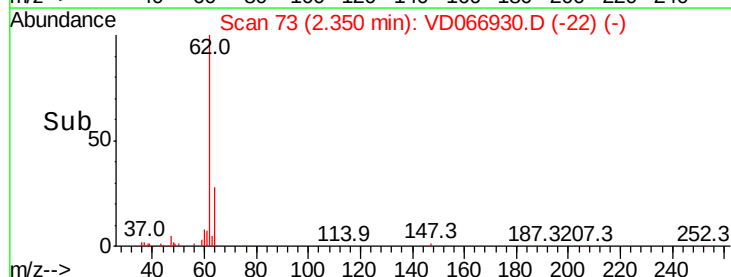
20000

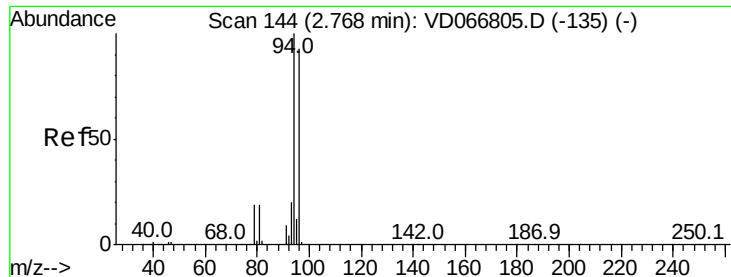
10000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 18.526 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

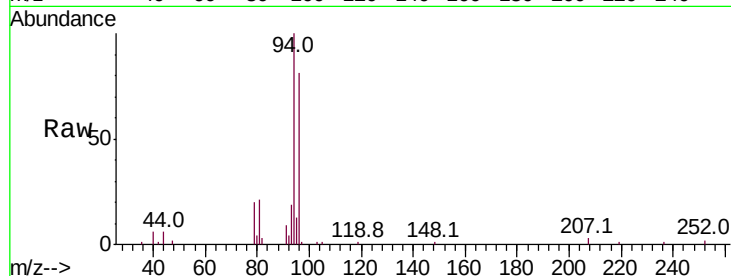
VD0929SBSD01

Tot Ion: 94 Resp: 49554

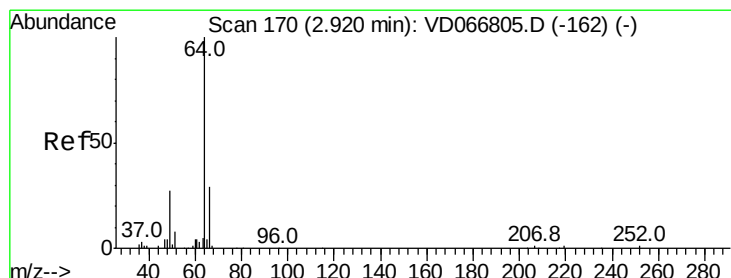
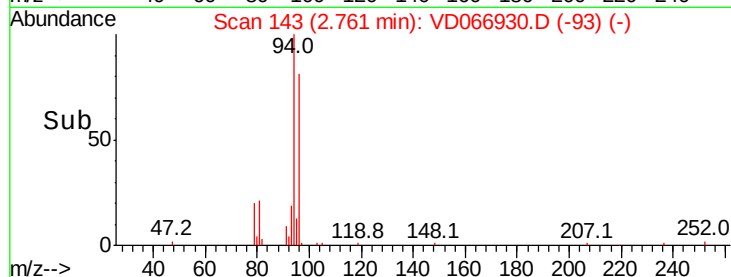
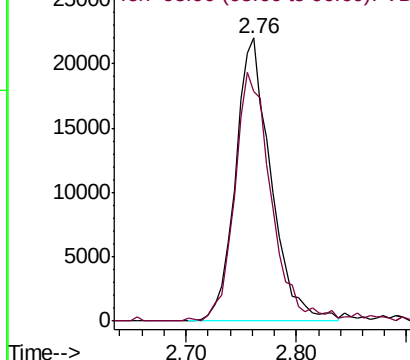
Ion Ratio Lower Upper

94 100

96 80.2 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.555 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066930.D

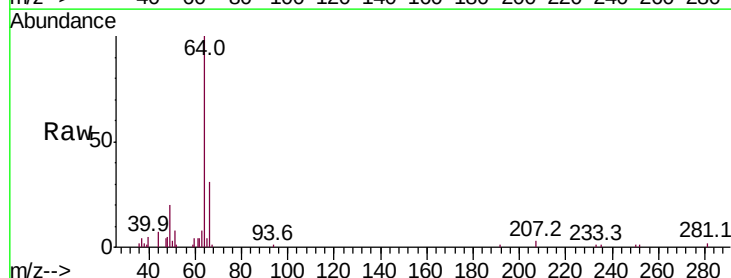
Acq: 29 Sep 2020 11:16

Tgt Ion: 64 Resp: 41488

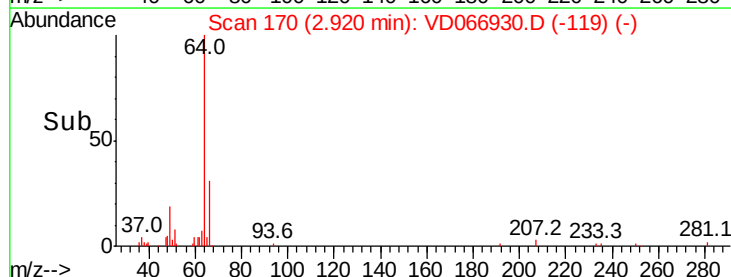
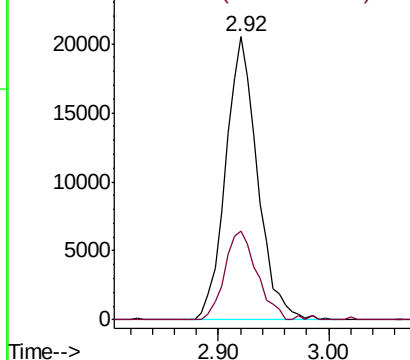
Ion Ratio Lower Upper

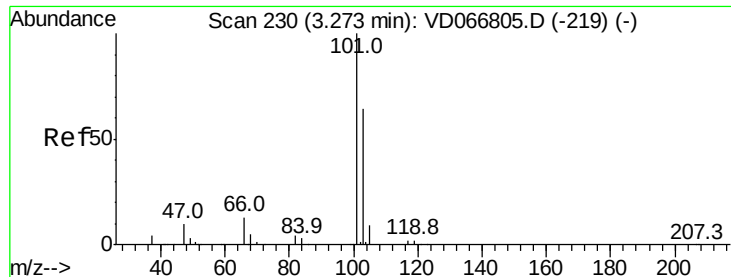
64 100

66 31.4 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



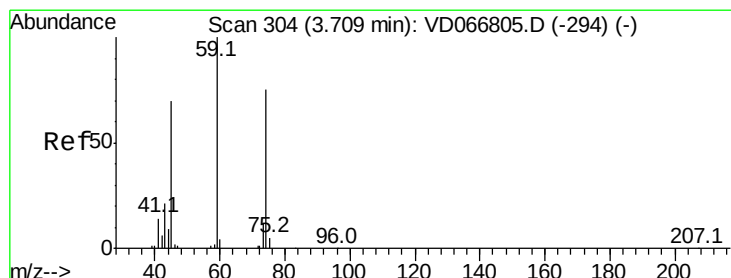
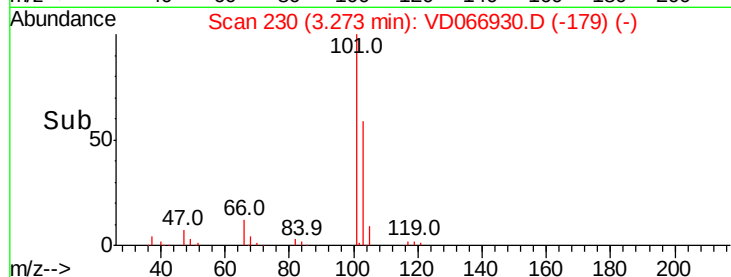
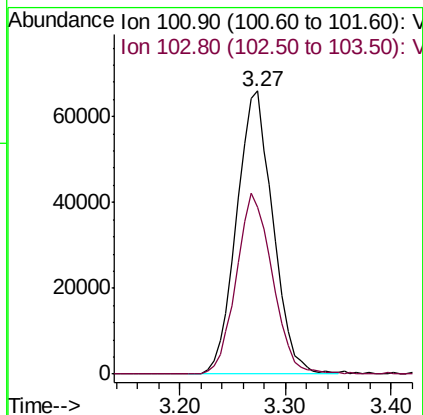
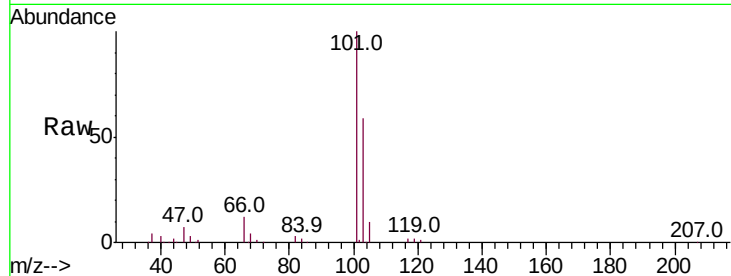


#7

Trichlorofluoromethane
 Concen: 20.086 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

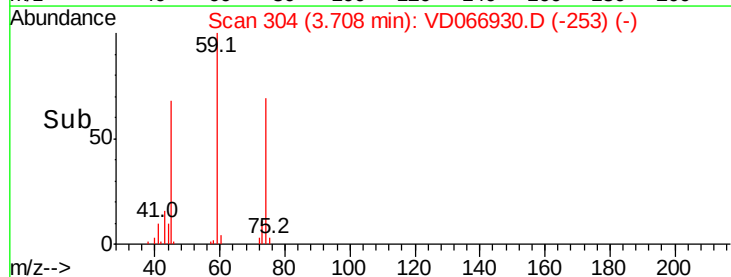
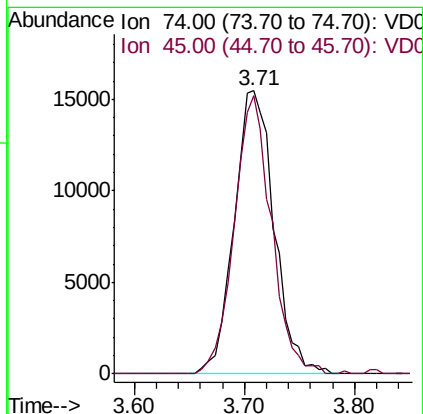
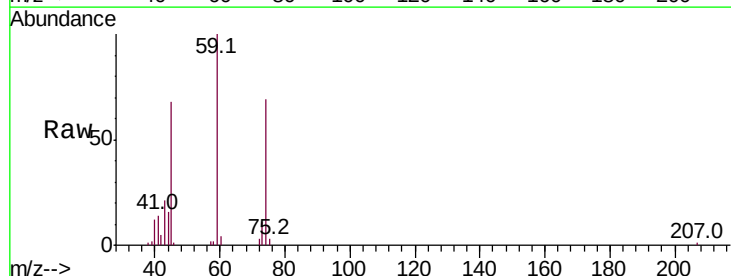
Tot Ion:101 Resp: 156986
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.0 76.6

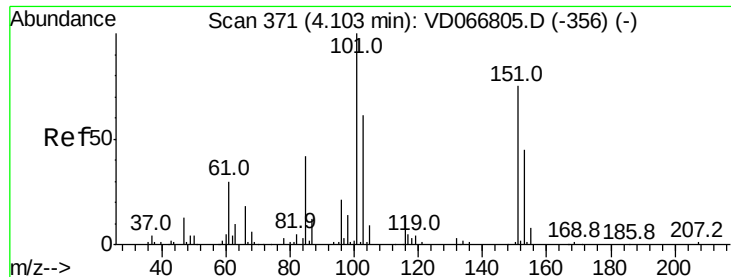


#8

Diethyl Ether
 Concen: 19.787 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 74 Resp: 39261
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.916 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

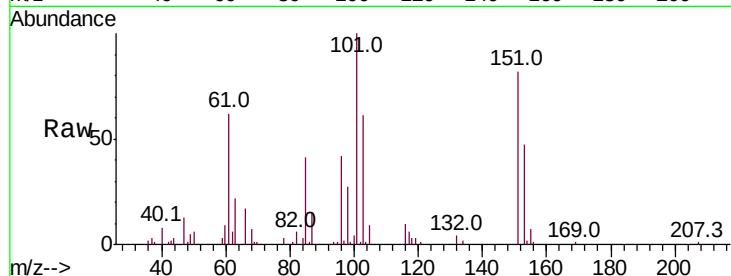
Tot Ion:101 Resp: 90260

Ion Ratio Lower Upper

101 100

85 44.0 35.4 53.2

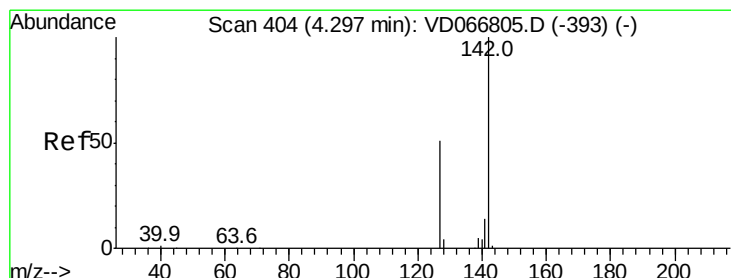
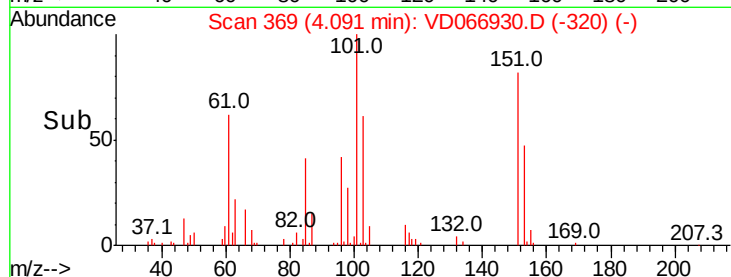
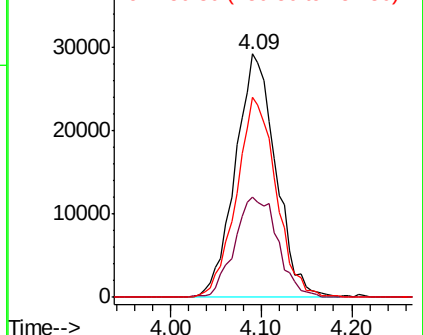
151 80.8 61.4 92.0



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: 19.371 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

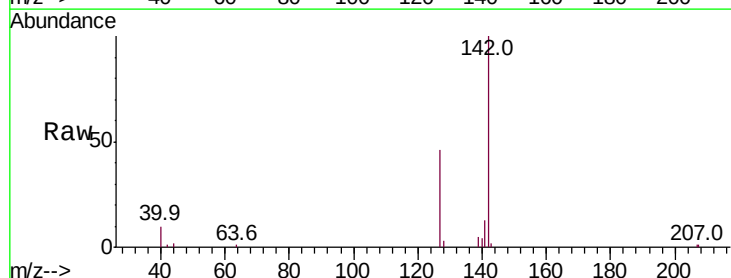
Tgt Ion:142 Resp: 77467

Ion Ratio Lower Upper

142 100

127 47.2 39.4 59.0

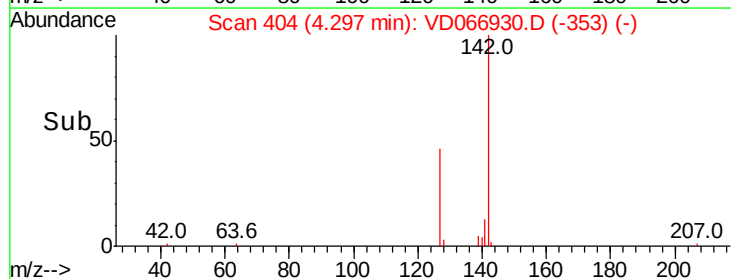
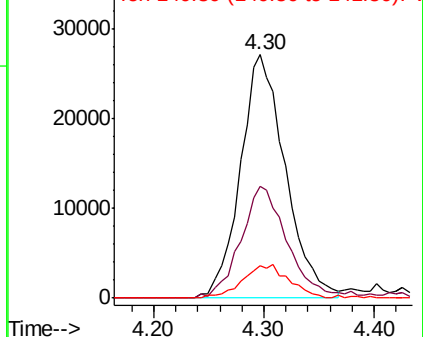
141 14.0 12.1 18.1

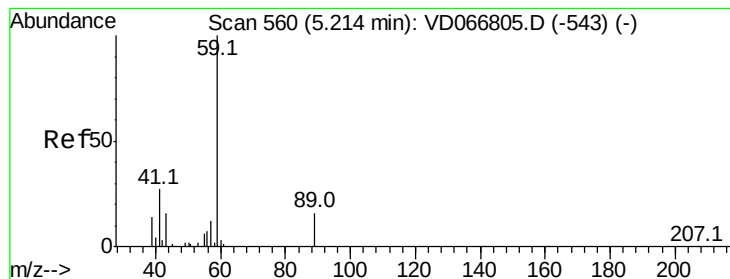


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 104.893 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

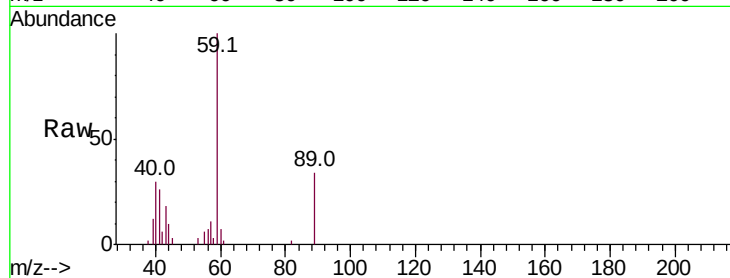
VD0929SBS01

Tot Ion: 59 Resp: 32882

Ion Ratio Lower Upper

59 100

57 3.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

8000

6000

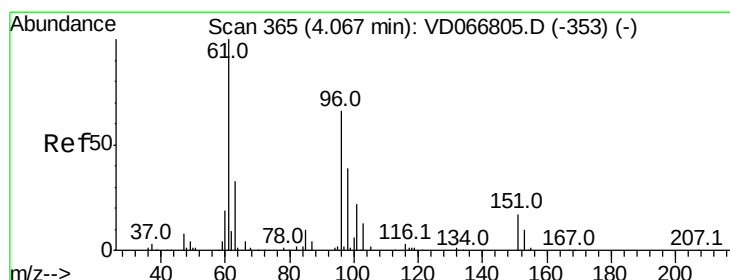
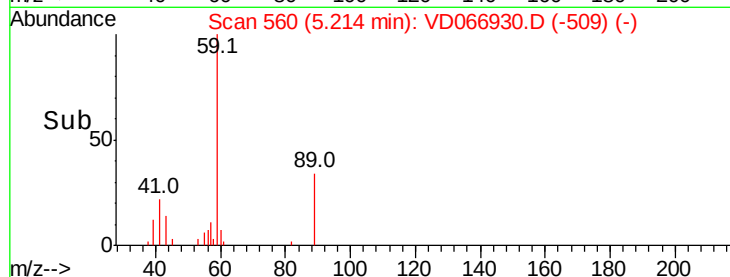
4000

2000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 19.679 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

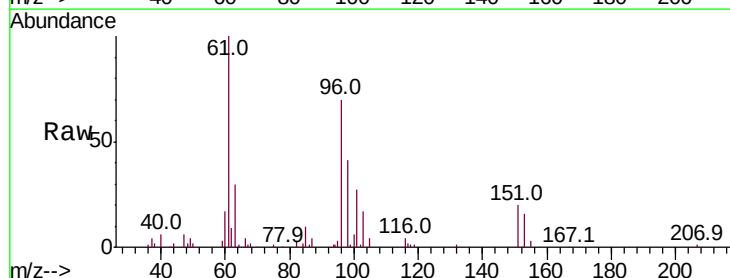
Tgt Ion: 96 Resp: 80790

Ion Ratio Lower Upper

96 100

61 143.6 120.8 181.2

98 58.4 47.7 71.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

60000

50000

40000

30000

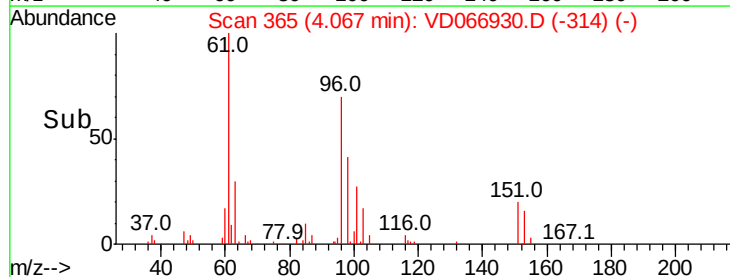
20000

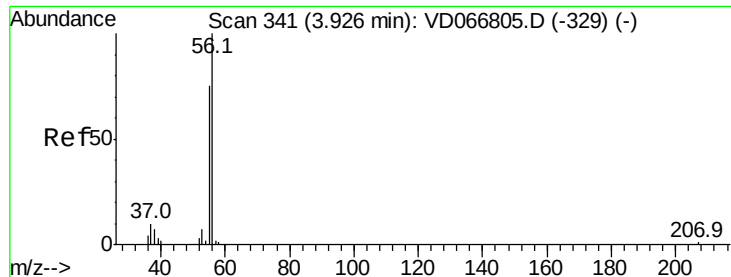
10000

0

Time-->

4.00 4.10





#13

Acrolein

Concen: 78.272 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

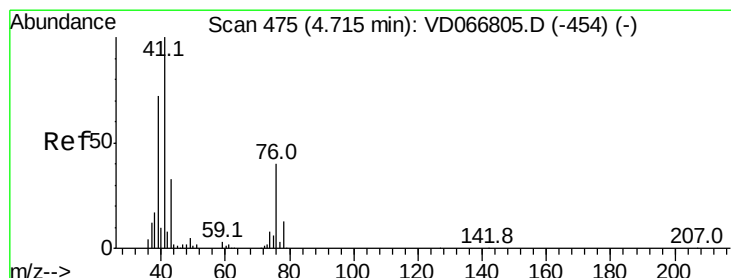
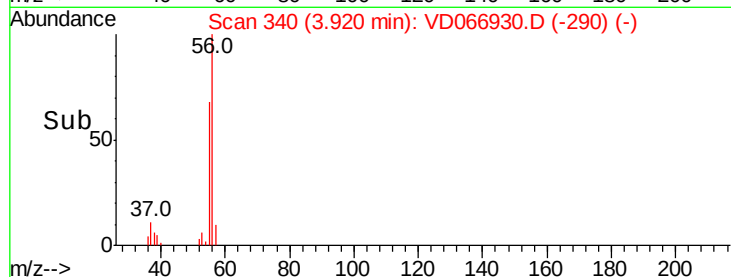
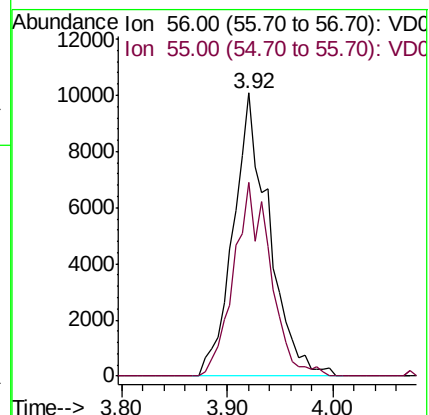
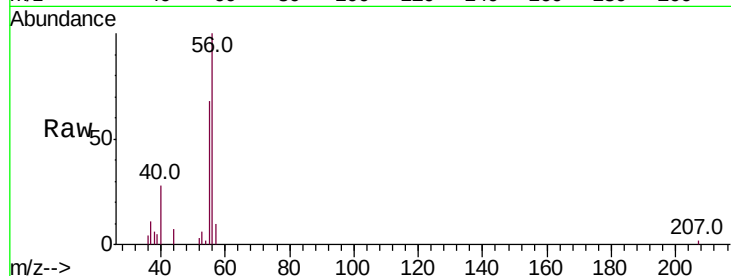
VD0929SBSD01

Tot Ion: 56 Resp: 23694

Ion Ratio Lower Upper

56 100

55 69.9 60.3 90.5



#14

Allyl chloride

Concen: 18.438 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

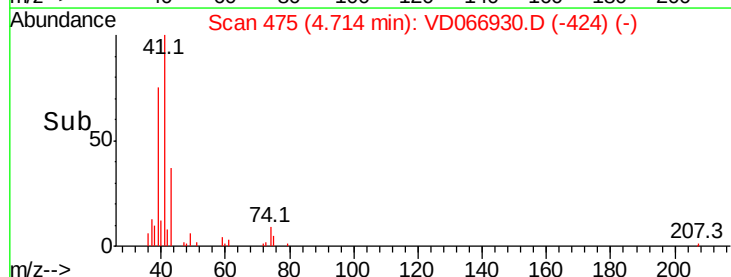
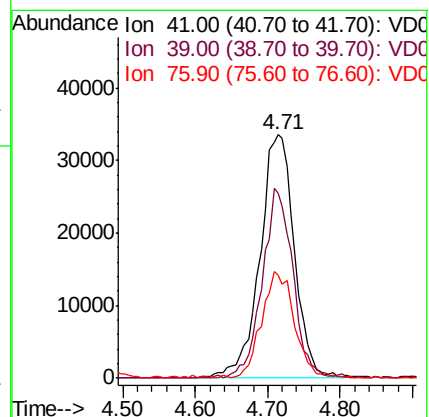
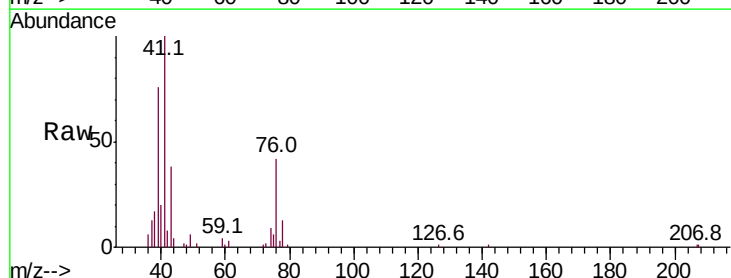
Tgt Ion: 41 Resp: 111152

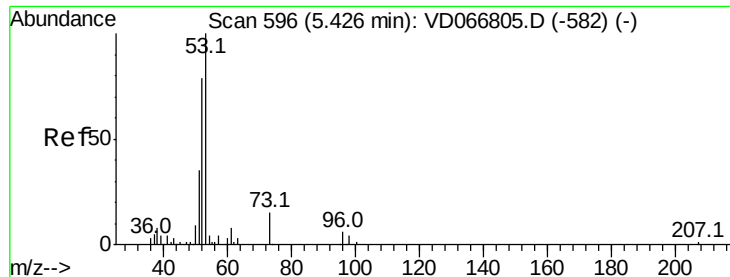
Ion Ratio Lower Upper

41 100

39 69.3 57.8 86.8

76 41.3 30.9 46.3





#15

Acrylonitrile

Concen: 93.124 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

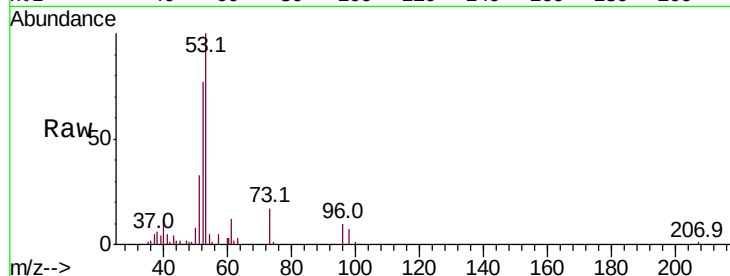
Tot Ion: 53 Resp: 81885

Ion Ratio Lower Upper

53 100

52 82.5 65.2 97.8

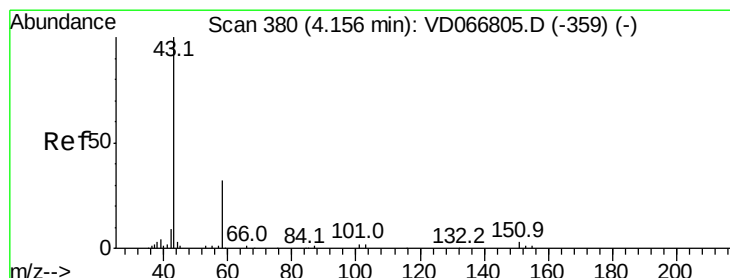
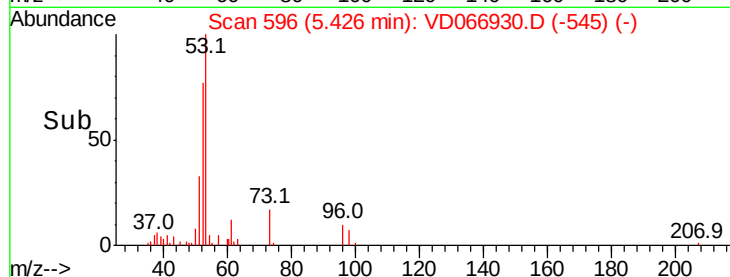
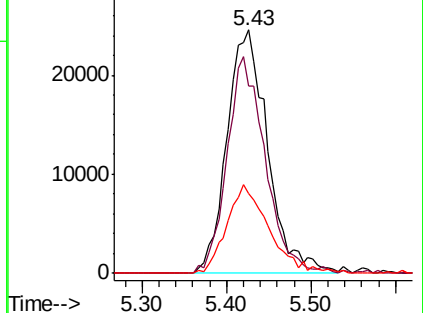
51 37.8 30.6 46.0



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: 75.665 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066930.D

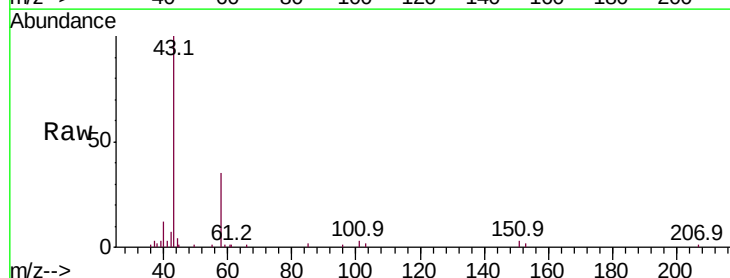
Acq: 29 Sep 2020 11:16

Tgt Ion: 43 Resp: 65866

Ion Ratio Lower Upper

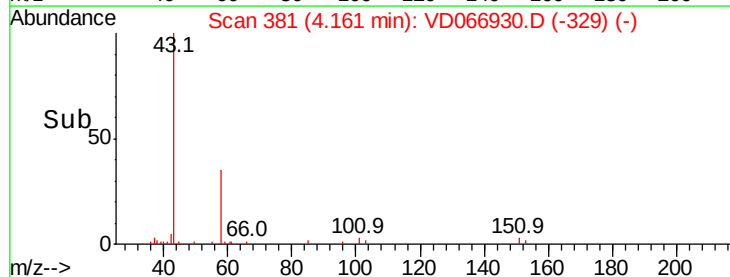
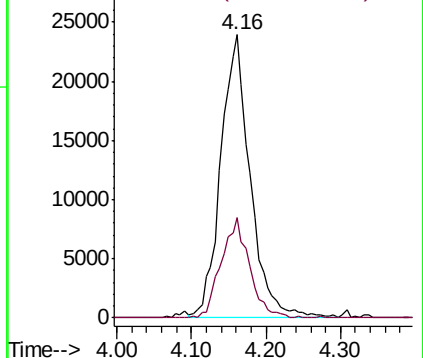
43 100

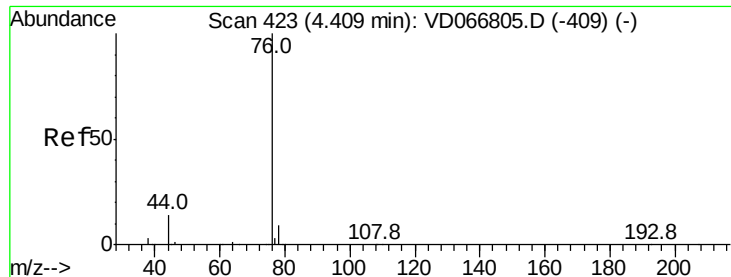
58 35.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.490 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

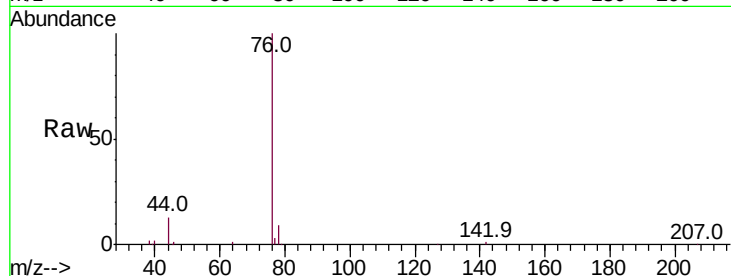
VD0929SBSD01

Tot Ion: 76 Resp: 244627

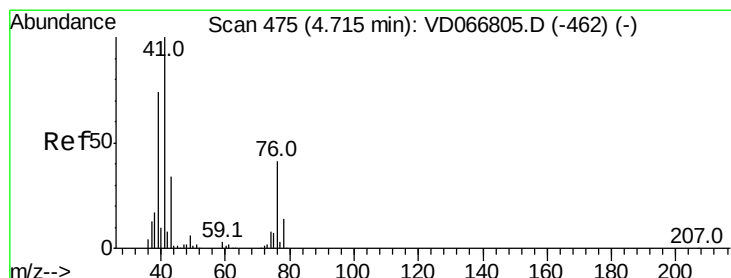
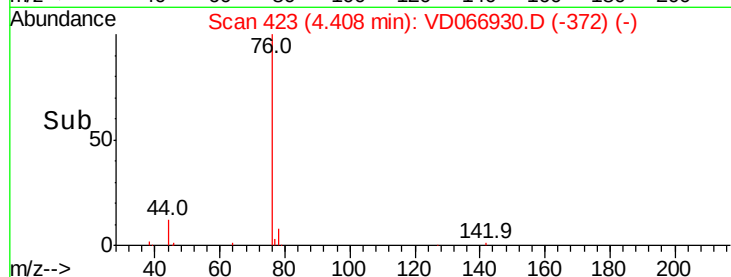
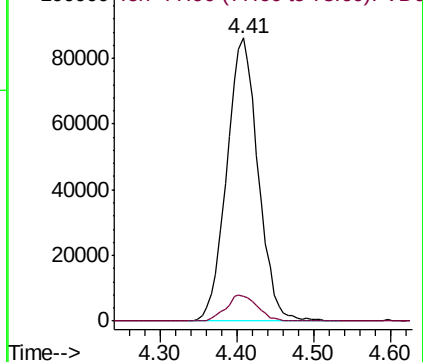
Ion Ratio Lower Upper

76 100

78 8.8 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: 17.793 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066930.D

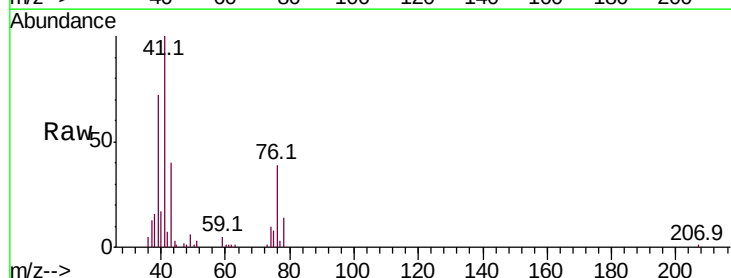
Acq: 29 Sep 2020 11:16

Tgt Ion: 43 Resp: 39098

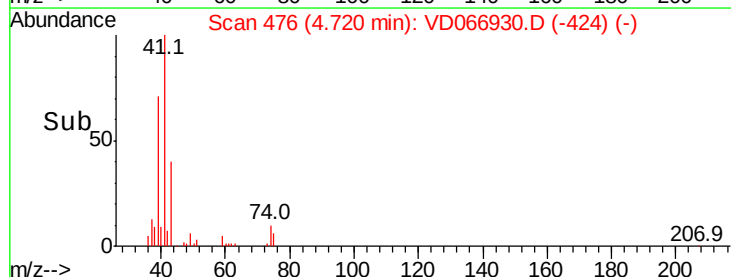
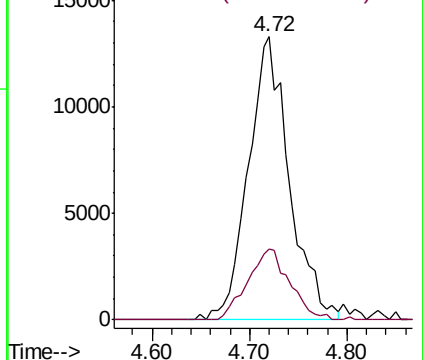
Ion Ratio Lower Upper

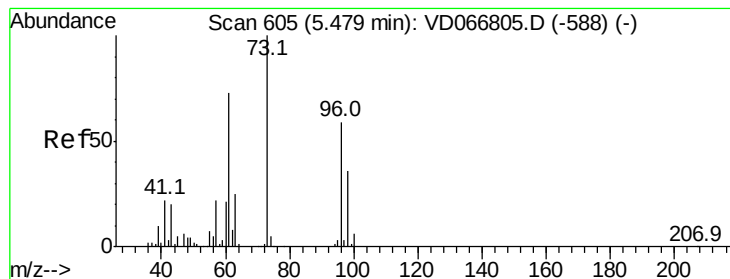
43 100

74 25.6 20.3 30.5



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



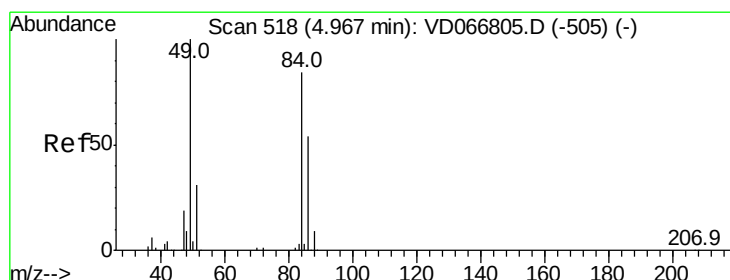
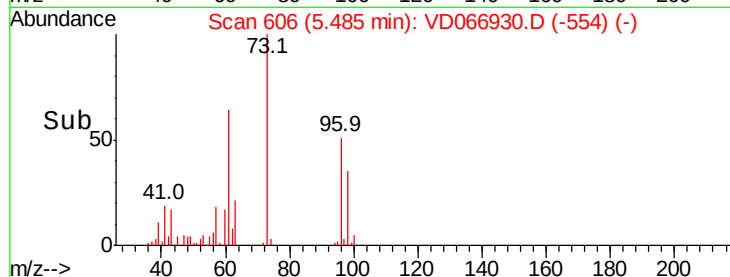
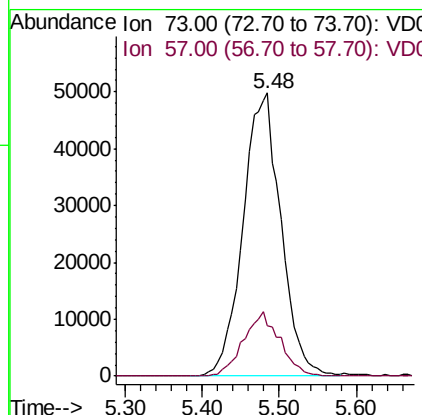
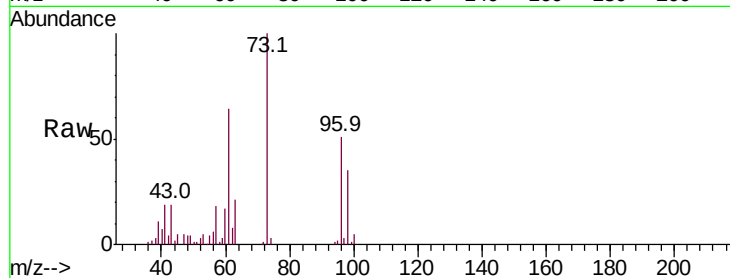


#19

Methyl tert-butyl Ether
 Concen: 19.235 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0929SBS01

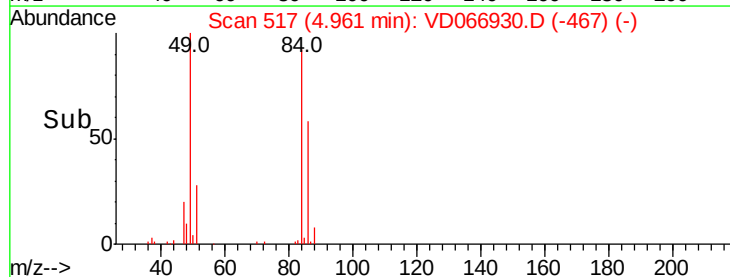
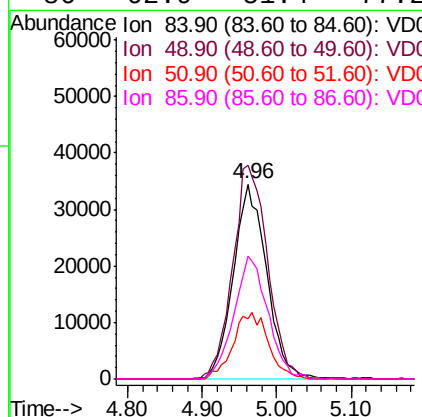
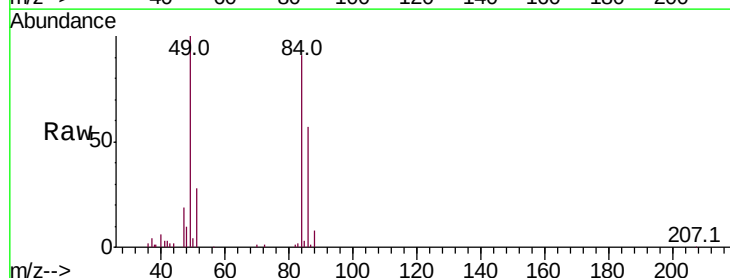
Tot Ion: 73 Resp: 171495
 Ion Ratio Lower Upper
 73 100
 57 17.7 17.4 26.2

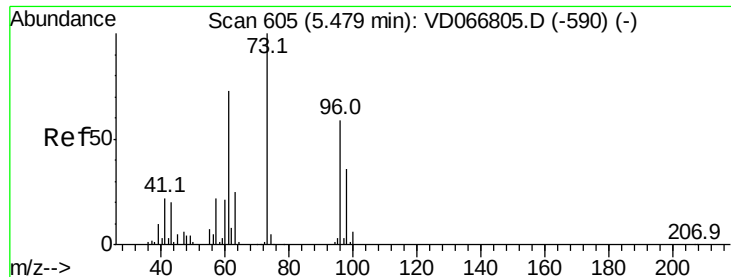


#20

Methylene Chloride
 Concen: 19.191 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 84 Resp: 107011
 Ion Ratio Lower Upper
 84 100
 49 109.8 95.4 143.2
 51 30.8 29.7 44.5
 86 62.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.139 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

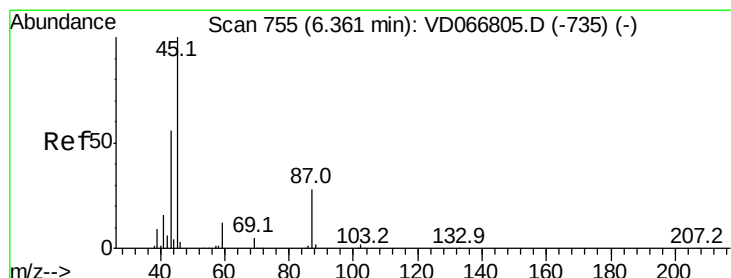
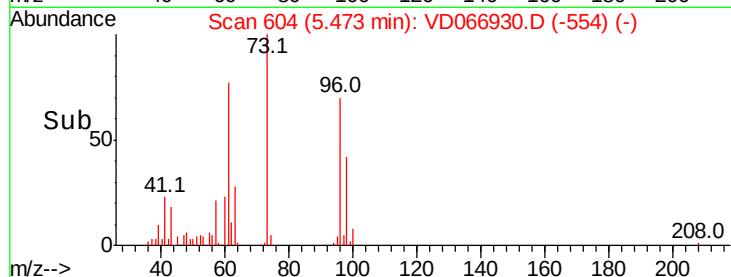
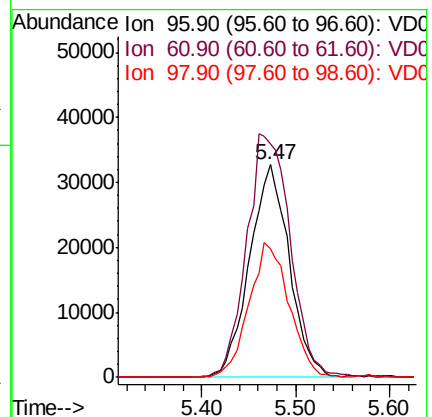
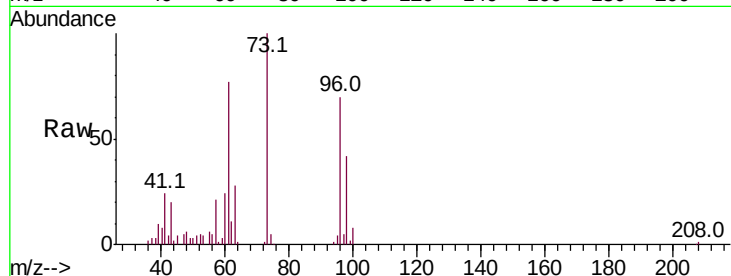
Tot Ion: 96 Resp: 95736

Ion Ratio Lower Upper

96 100

61 109.6 98.9 148.3

98 60.4 48.4 72.6



#22

Diisopropyl ether

Concen: 18.889 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion: 45 Resp: 234137

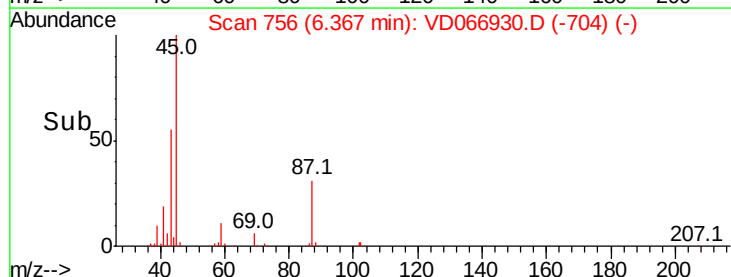
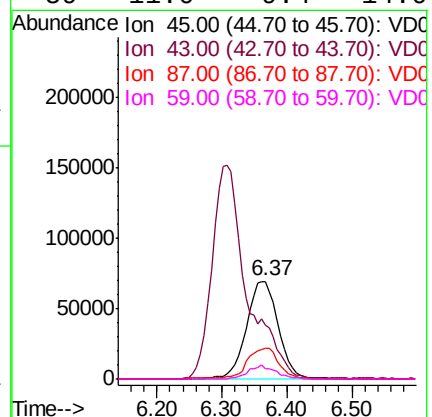
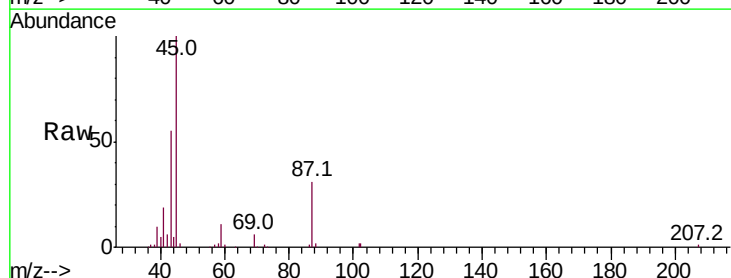
Ion Ratio Lower Upper

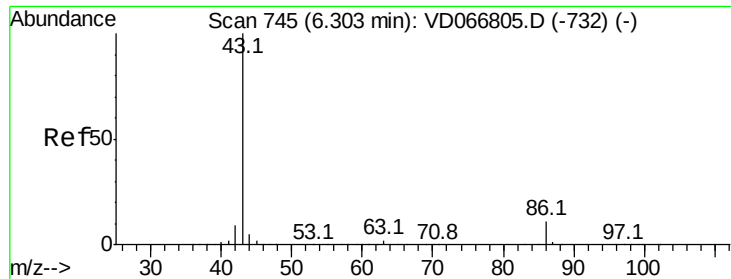
45 100

43 54.1 44.5 66.7

87 30.7 22.9 34.3

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 85.514 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

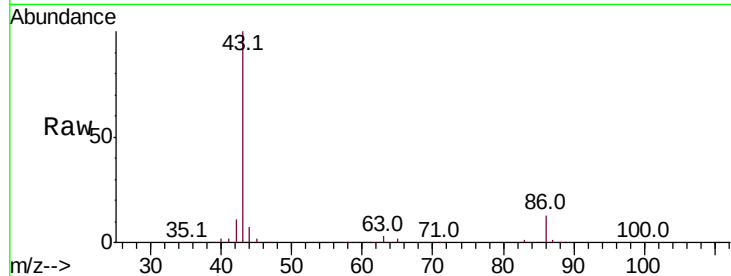
VD0929SBS01

Tot Ion: 43 Resp: 563524

Ion Ratio Lower Upper

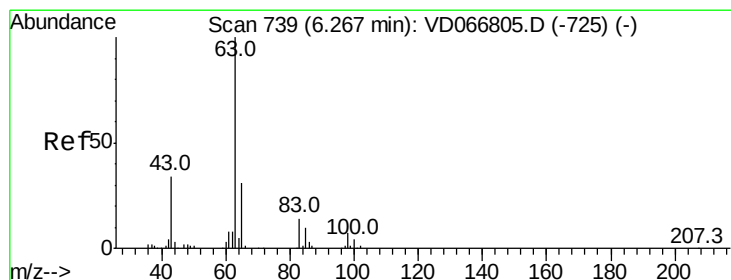
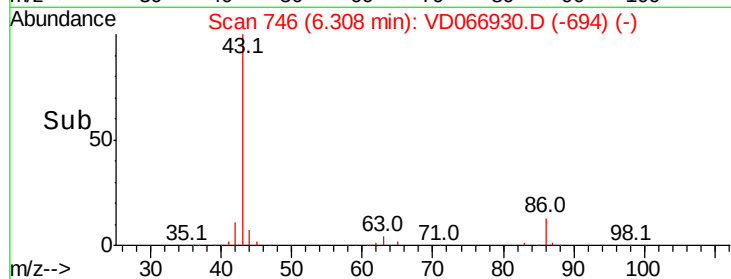
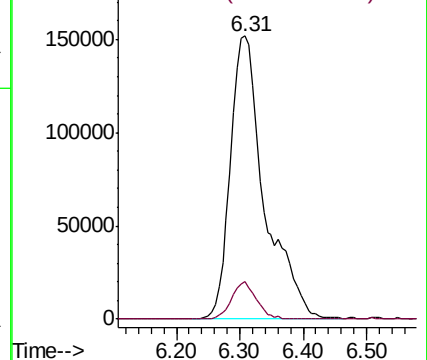
43 100

86 13.4 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

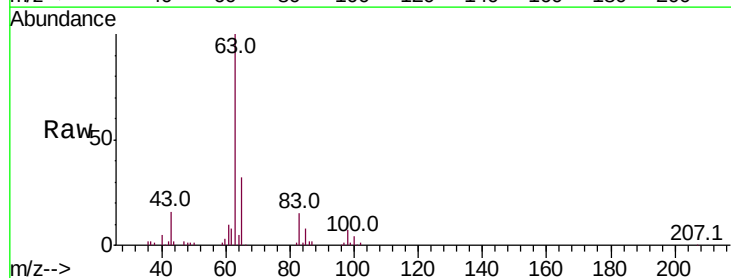
Tgt Ion: 63 Resp: 156115

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

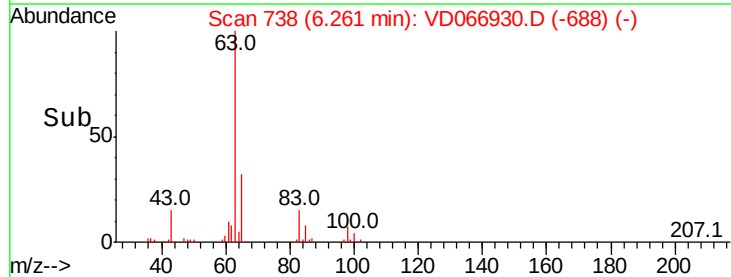
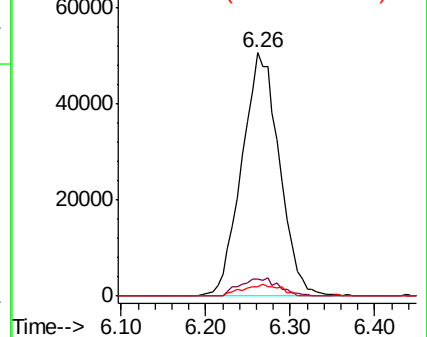
100 4.1 1.8 5.5

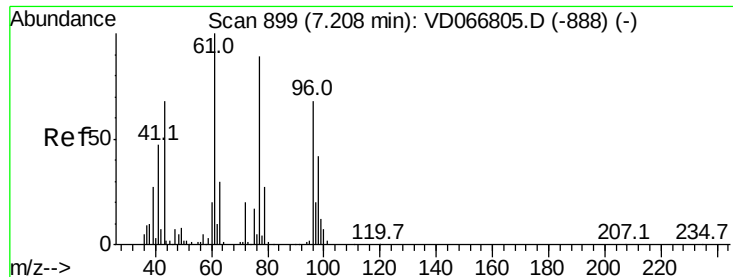


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

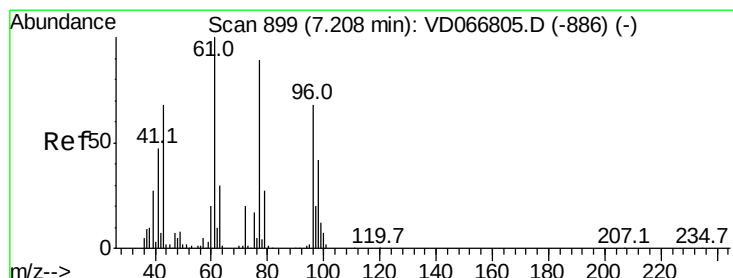
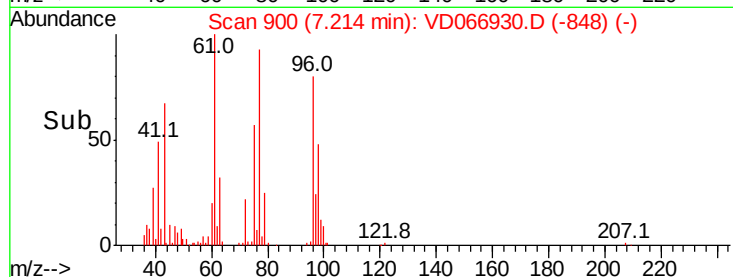
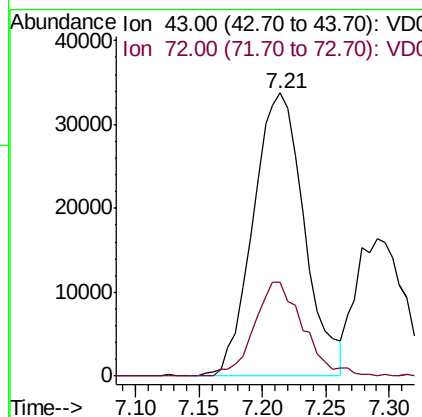
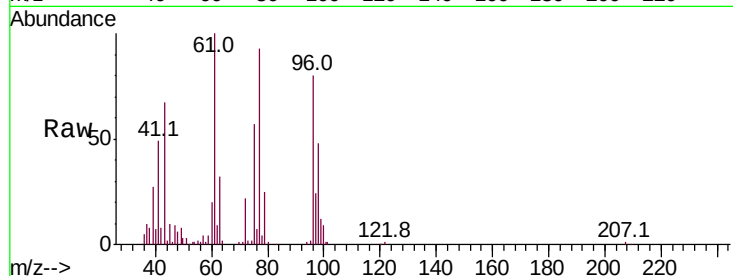




#25
 2-Butanone
 Concen: 90.797 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

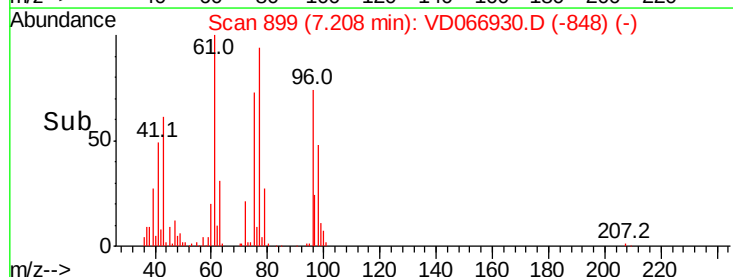
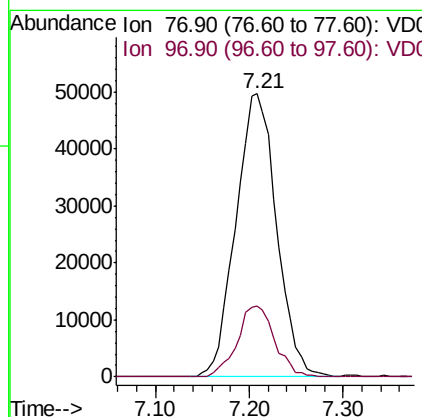
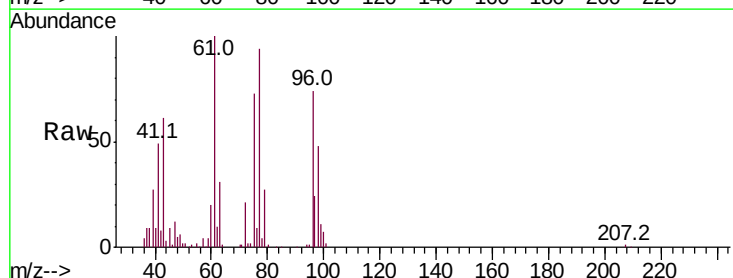
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

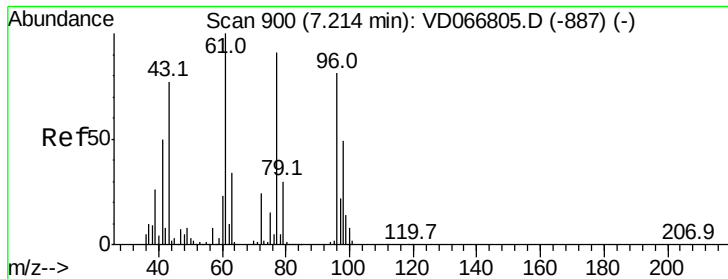
Tot Ion: 43 Resp: 94982
 Ion Ratio Lower Upper
 43 100
 72 33.2 22.9 34.3



#26
 2,2-Dichloropropane
 Concen: 19.599 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 77 Resp: 148957
 Ion Ratio Lower Upper
 77 100
 97 23.1 11.7 35.1



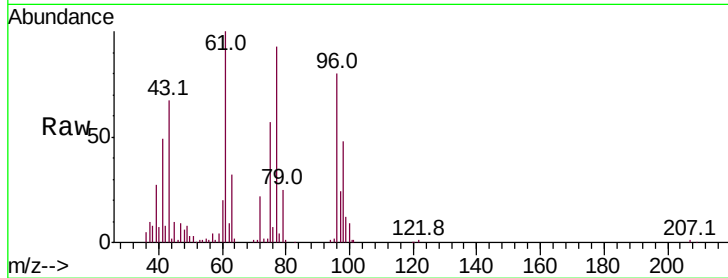


#27

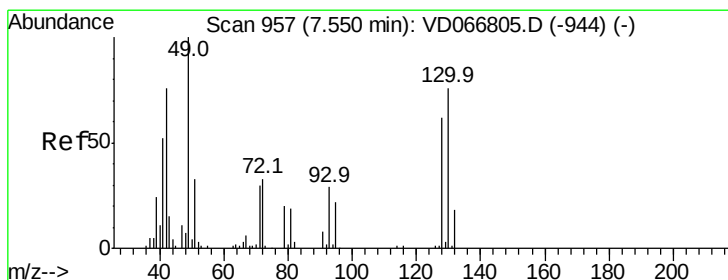
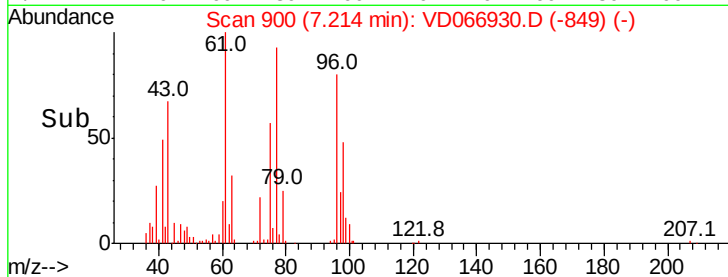
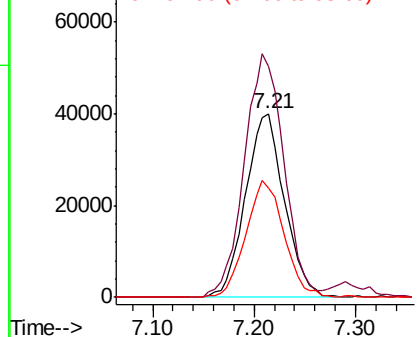
cis-1,2-Dichloroethene
 Concen: 20.608 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	283.8
98	62.3	0.0	128.4



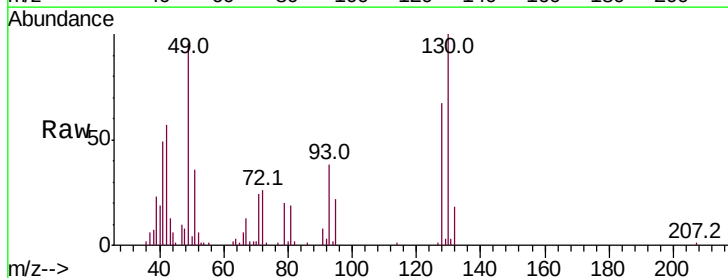
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



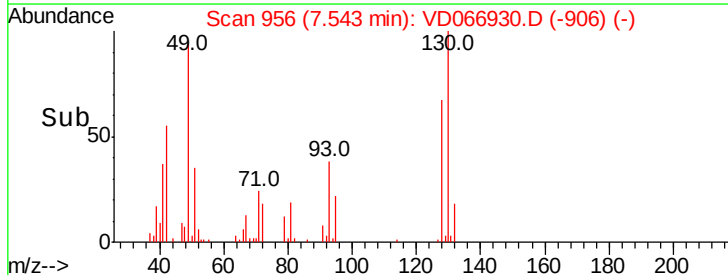
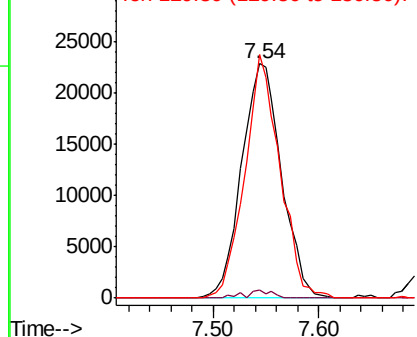
#28

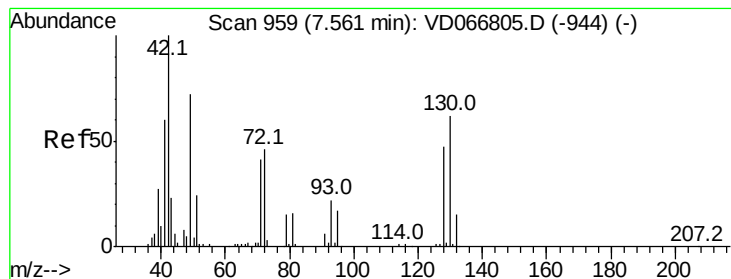
Bromochloromethane
 Concen: 17.481 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.0
130	91.2	65.9	98.9



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





#29

Tetrahydrofuran

Concen: 93.173 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

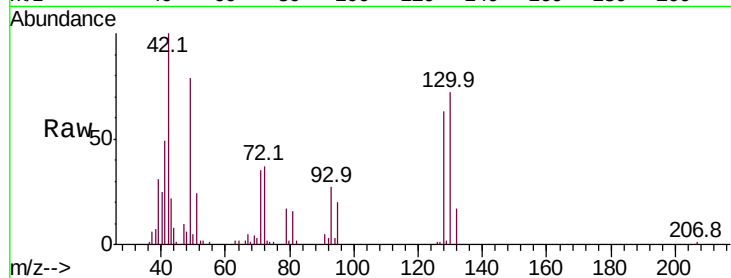
Tot Ion: 42 Resp: 62453

Ion Ratio Lower Upper

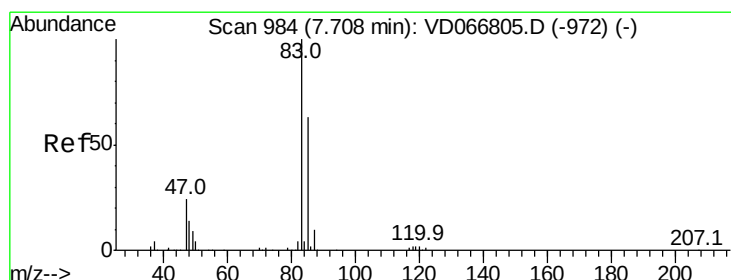
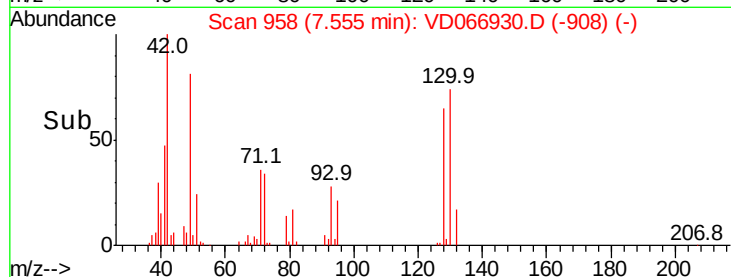
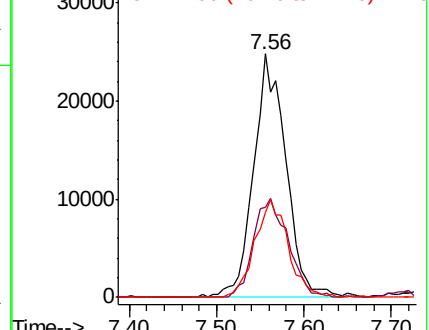
42 100

72 43.4 36.2 54.4

71 41.4 32.4 48.6



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



#30

Chloroform

Concen: 19.460 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD066930.D

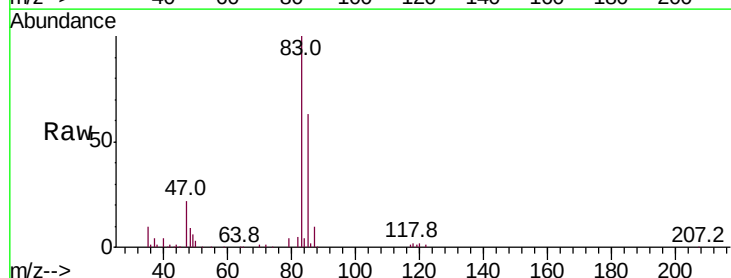
Acq: 29 Sep 2020 11:16

Tgt Ion: 83 Resp: 173939

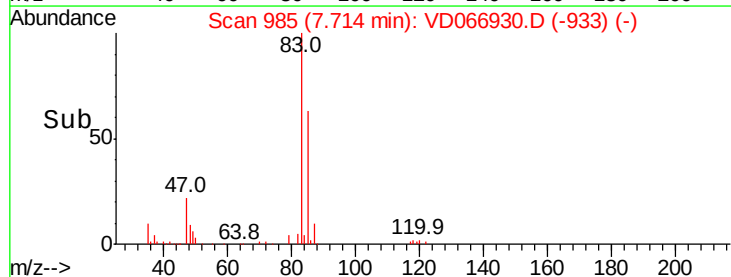
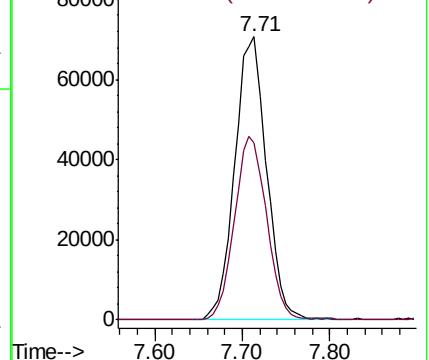
Ion Ratio Lower Upper

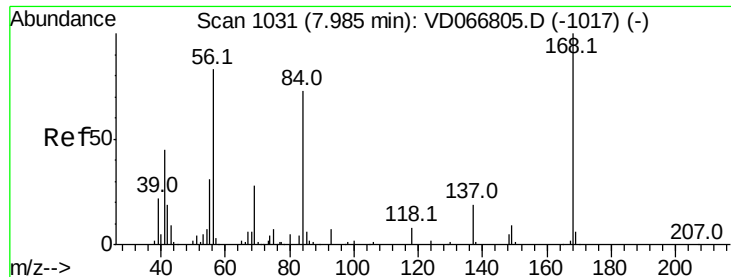
83 100

85 62.8 50.6 75.8



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





#31

Cyclohexane

Concen: 18.865 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

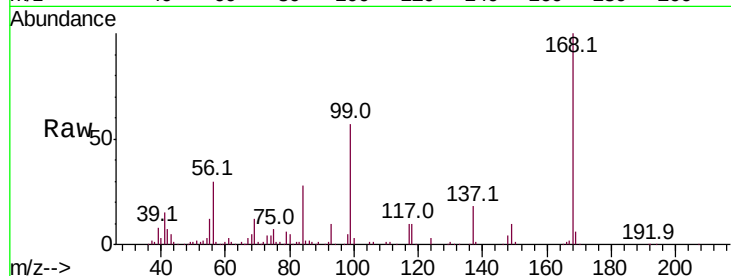
Tot Ion: 56 Resp: 140756

Ion Ratio Lower Upper

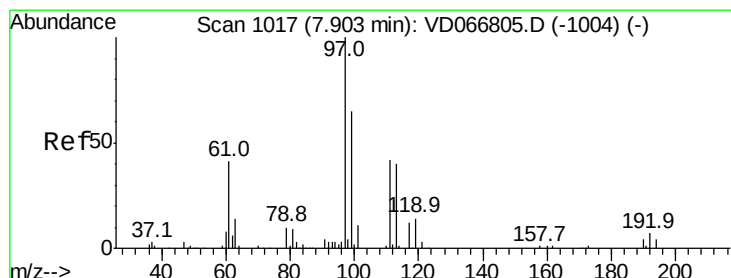
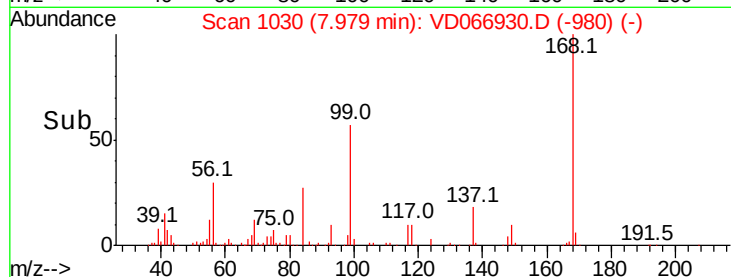
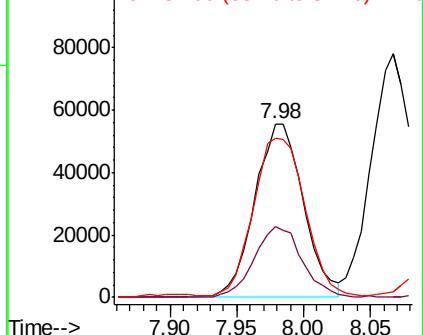
56 100

69 41.1 27.0 40.4#

84 90.2 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 19.830 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

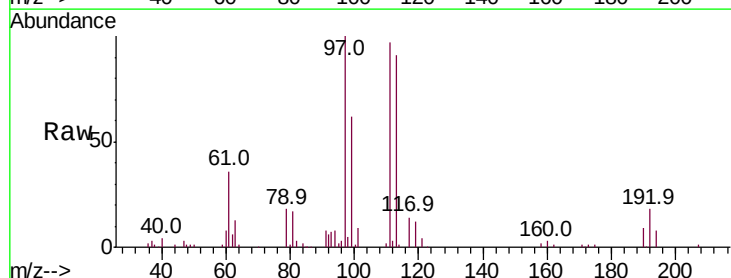
Tgt Ion: 97 Resp: 160346

Ion Ratio Lower Upper

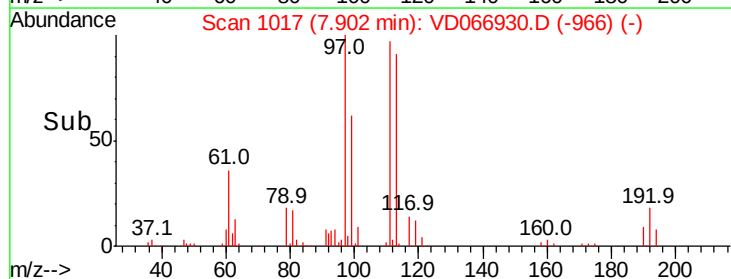
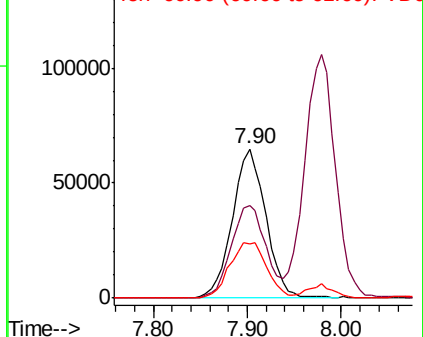
97 100

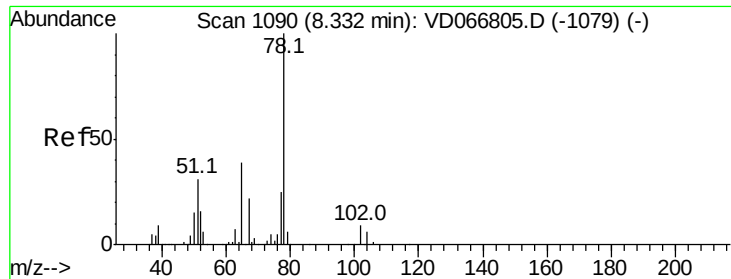
99 64.6 51.5 77.3

61 41.0 34.2 51.4



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

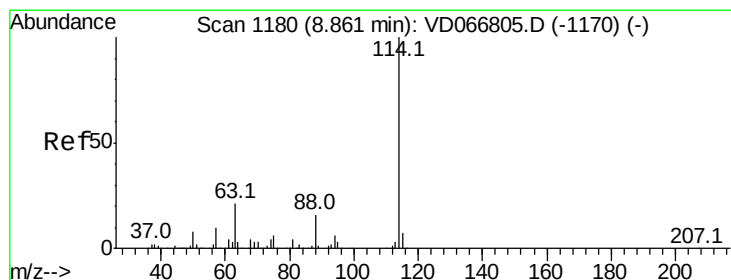
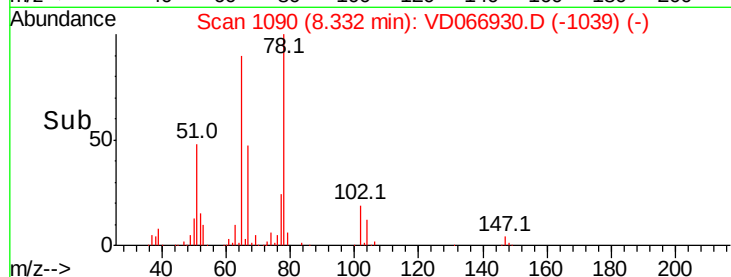
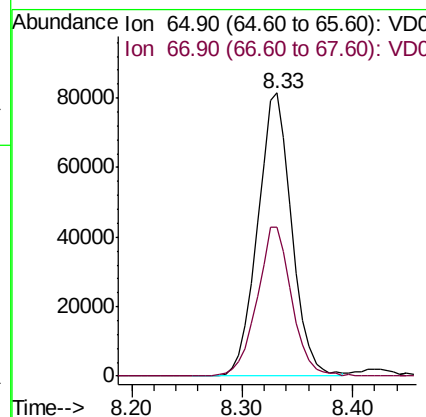
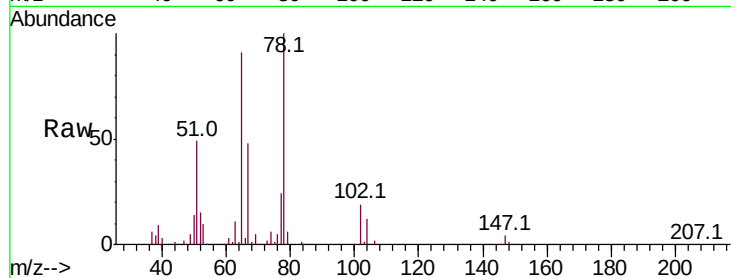




#33
 1,2-Dichloroethane-d4
 Concen: 42.858 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

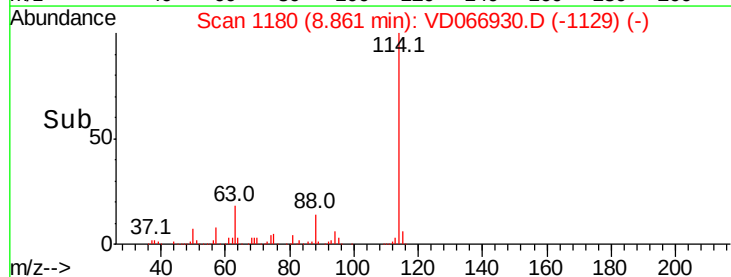
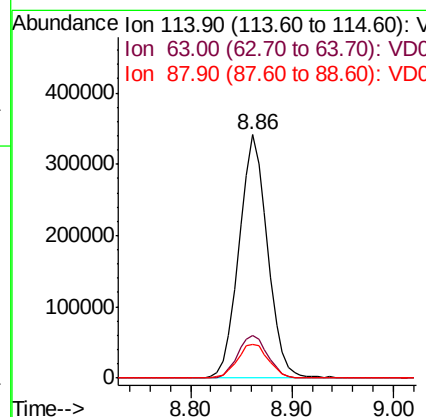
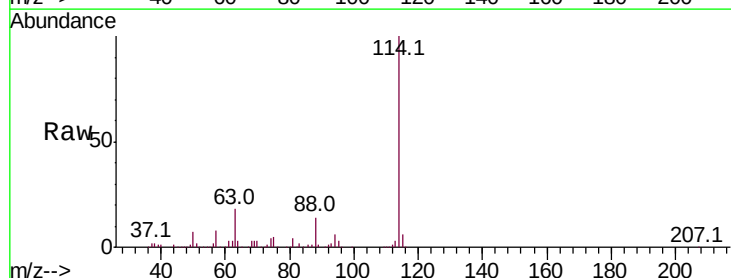
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

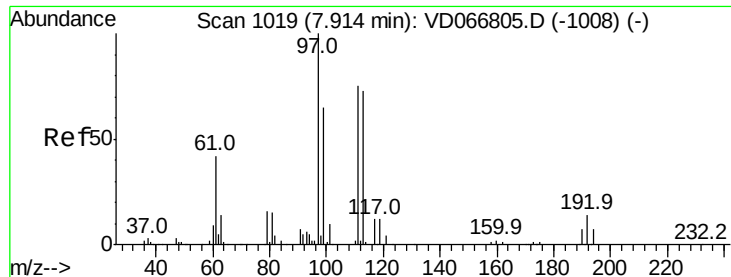
Tot Ion: 65 Resp: 175867
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 114 Resp: 663635
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 42.6
 88 13.8 0.0 32.6

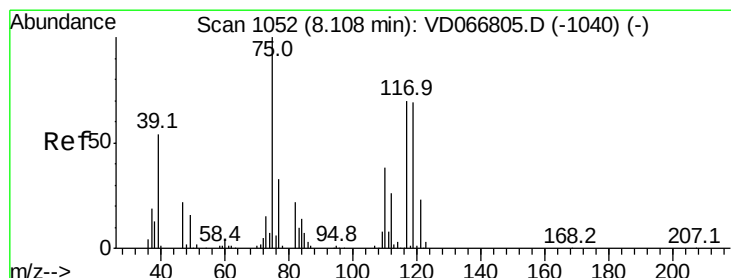
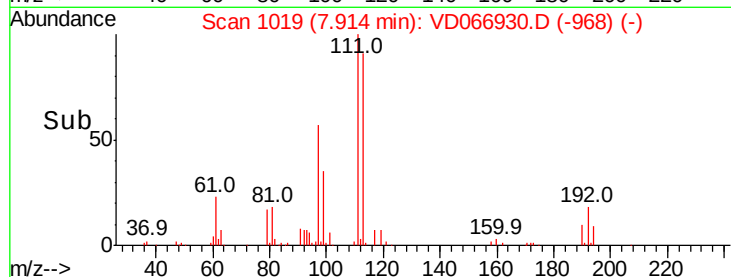
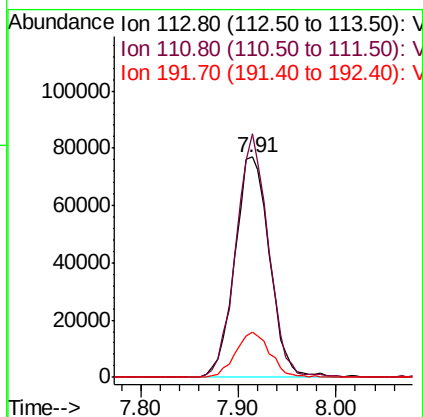
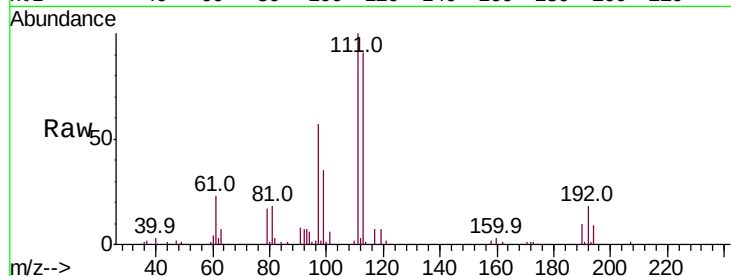




#35
 Dibromofluoromethane
 Concen: 45.108 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

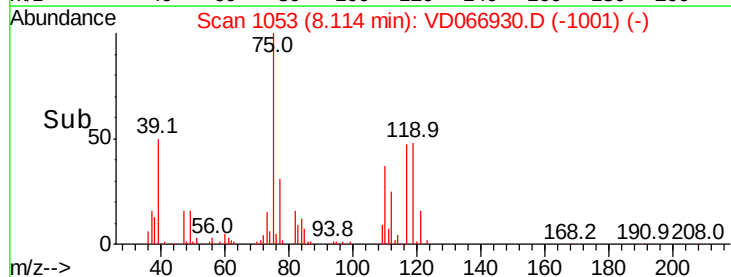
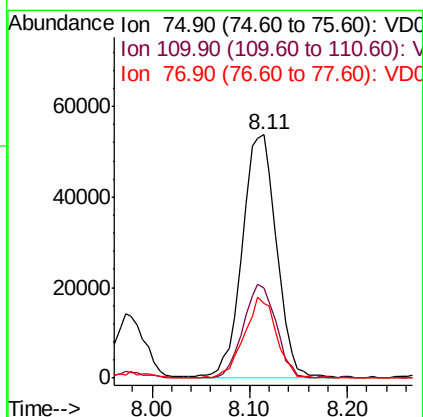
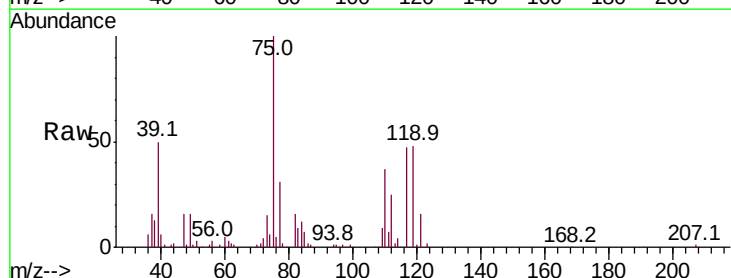
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

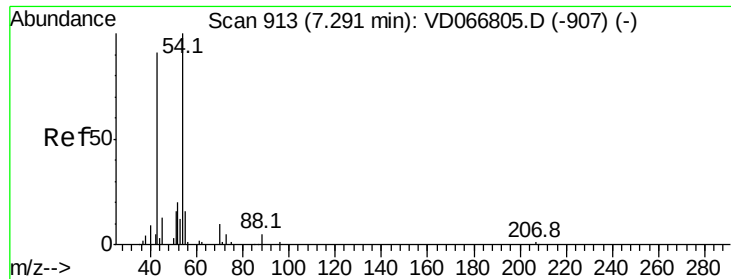
Tot Ion:113 Resp: 190446
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.8
 192 20.3 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.076 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 75 Resp: 132175
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.9 53.8
 77 31.1 25.0 37.6

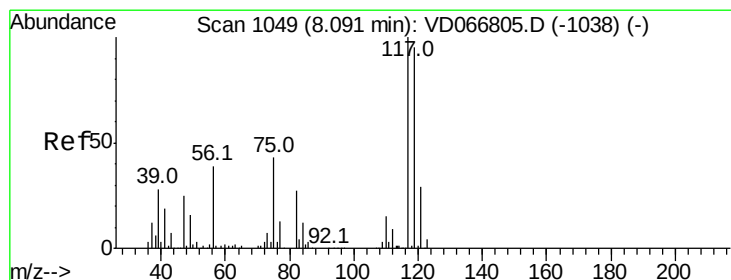
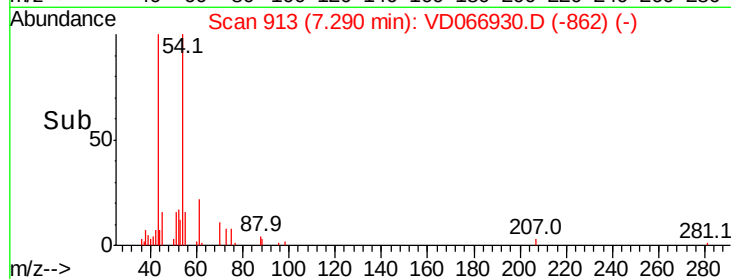
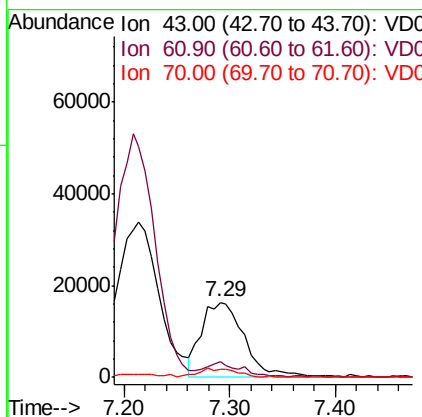
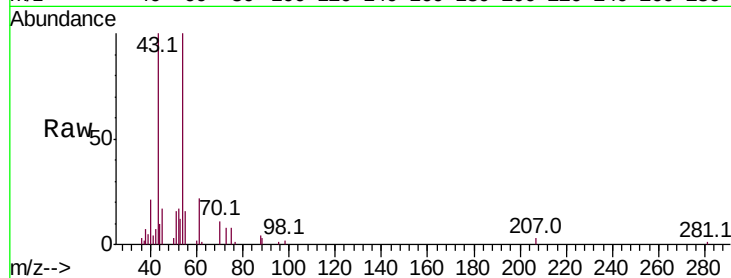




#37
Ethyl Acetate
Concen: 19.435 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

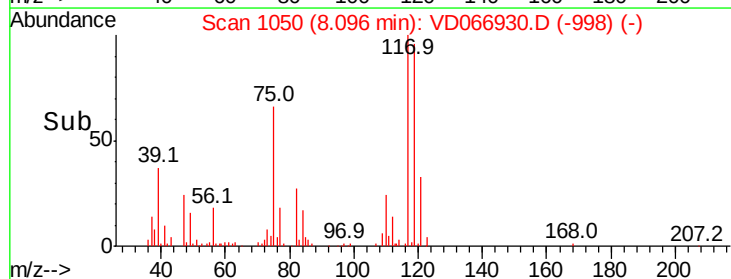
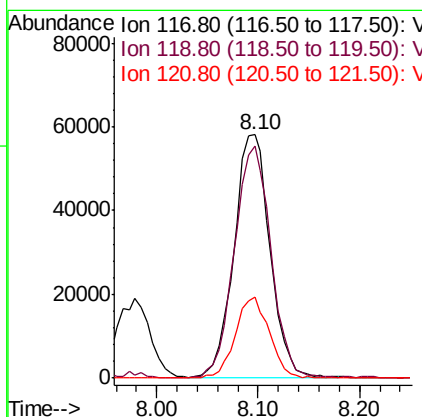
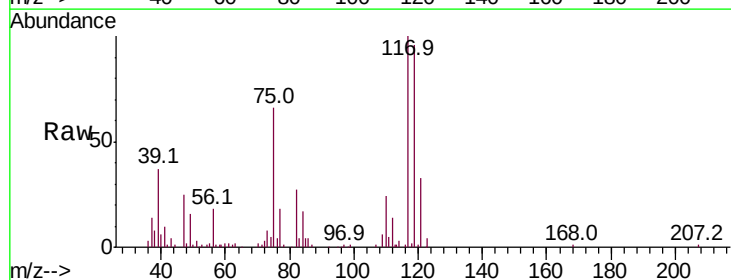
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

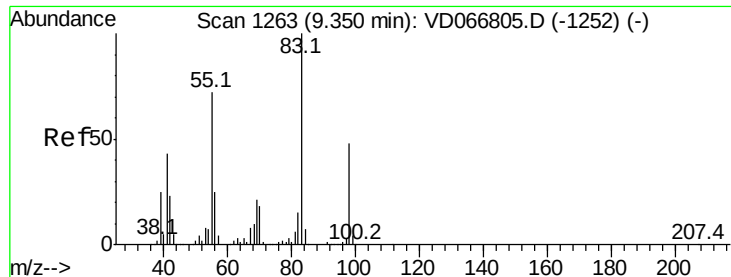
Tot Ion: 43 Resp: 46258
Ion Ratio Lower Upper
43 100
61 14.9 9.8 14.8#
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.808 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 117 Resp: 142577
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 33.6 23.4 35.0

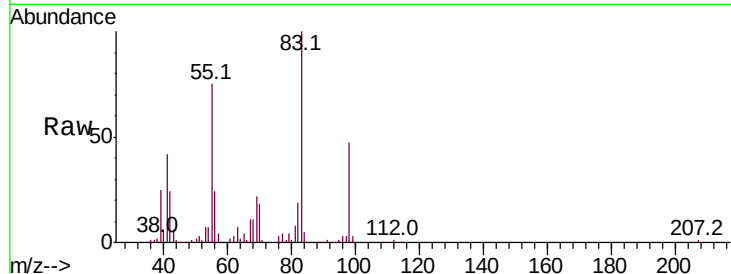




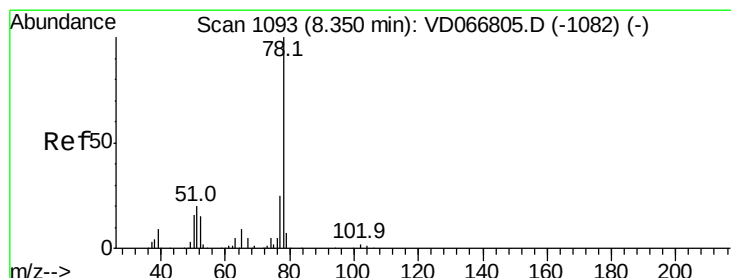
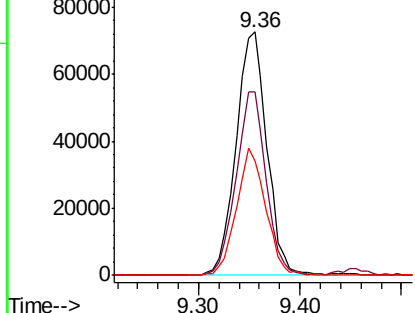
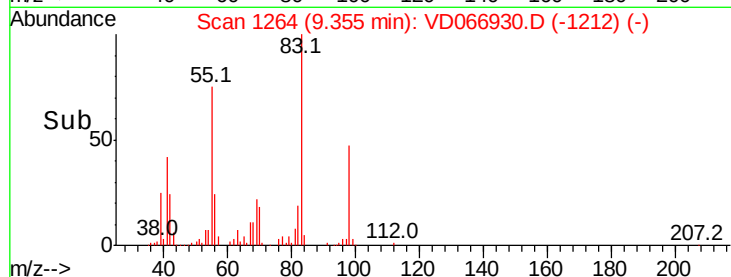
#39
Methylvlcyclohexane
Concen: 20.299 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion: 83 Resp: 153441
Ion Ratio Lower Upper
83 100
55 75.4 57.7 86.5
98 47.1 38.4 57.6

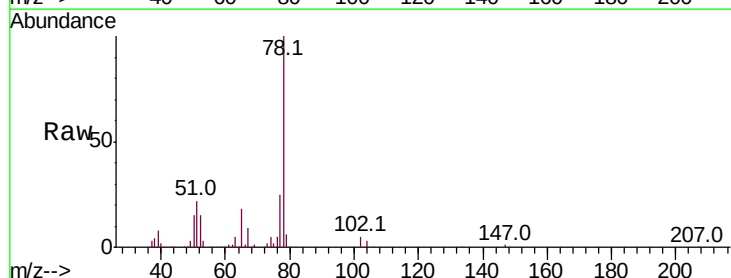


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

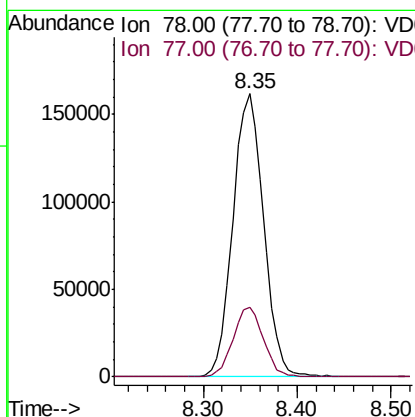
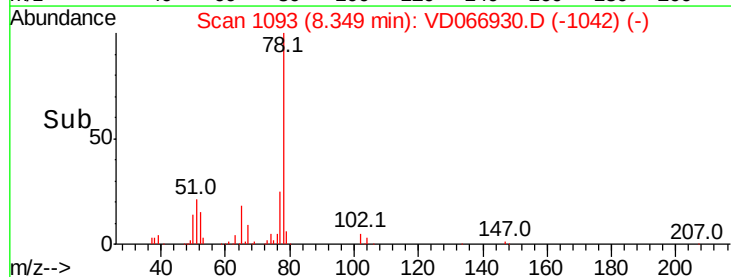


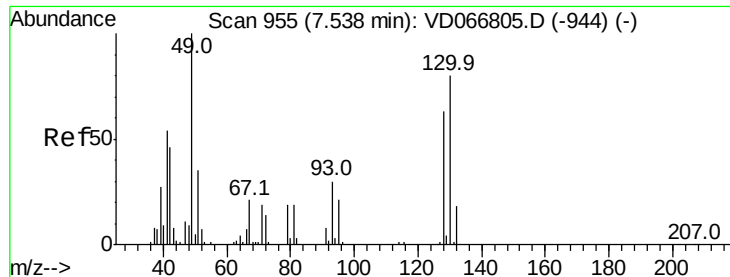
#40
Benzene
Concen: 19.999 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 78 Resp: 366968
Ion Ratio Lower Upper
78 100
77 24.6 19.9 29.9



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





#41

Methacrylonitrile

Concen: 18.678 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 41 Resp: 27339

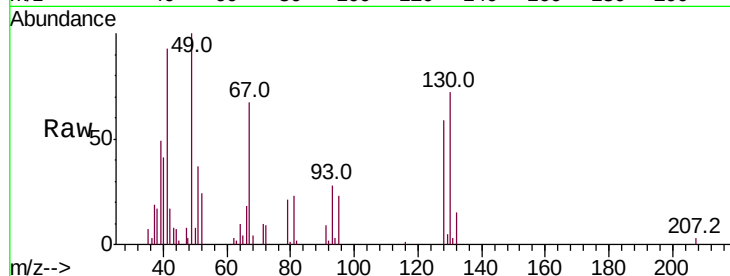
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 70.5 0.0 0.0#

52 31.8 0.0 0.0#

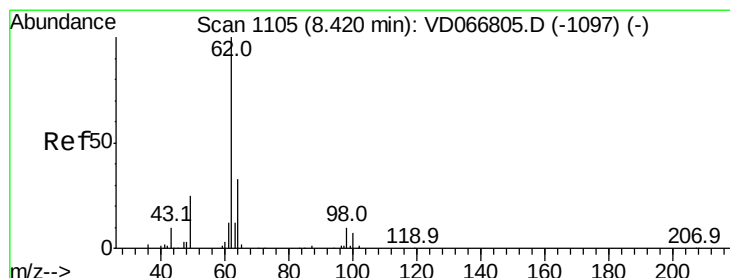
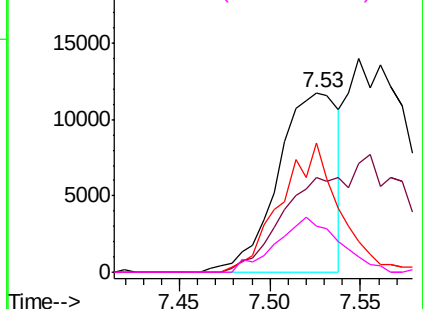
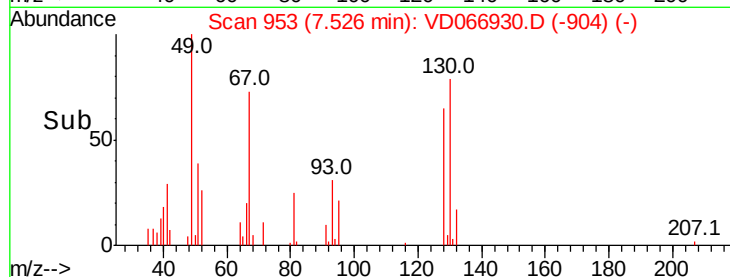


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.335 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066930.D

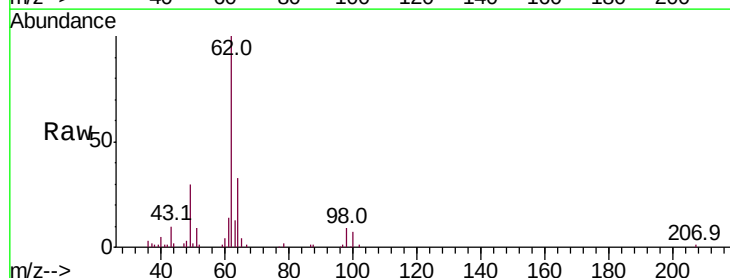
Acq: 29 Sep 2020 11:16

Tgt Ion: 62 Resp: 104880

Ion Ratio Lower Upper

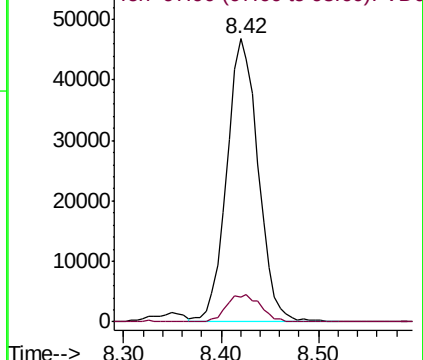
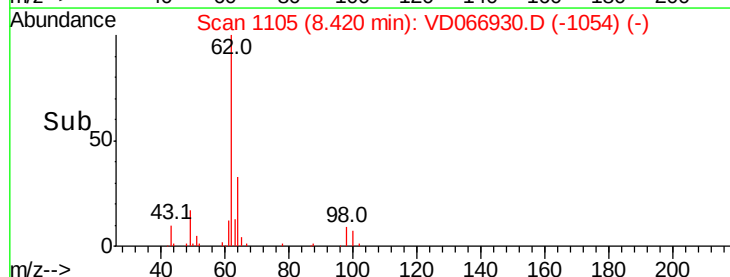
62 100

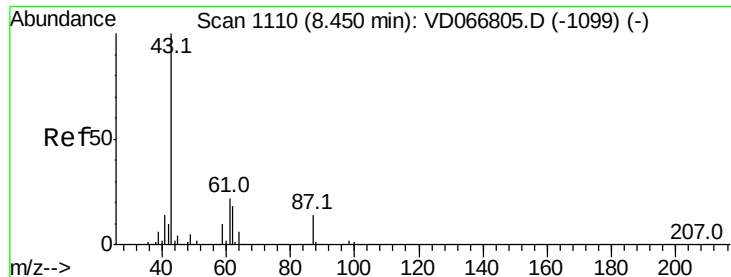
98 10.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.545 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

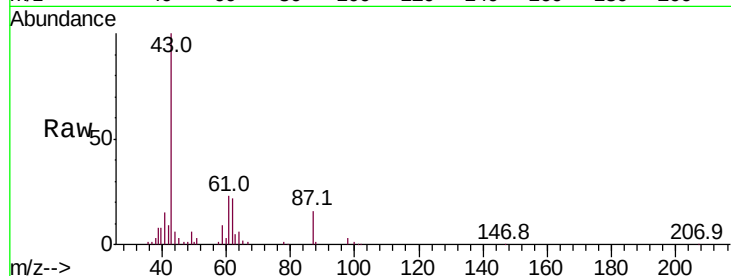
Tot Ion: 43 Resp: 85098

Ion Ratio Lower Upper

43 100

61 34.7 26.2 39.4

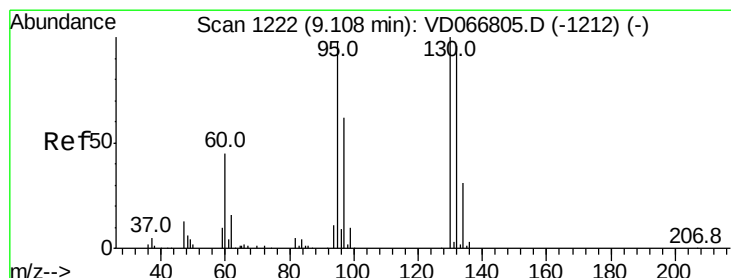
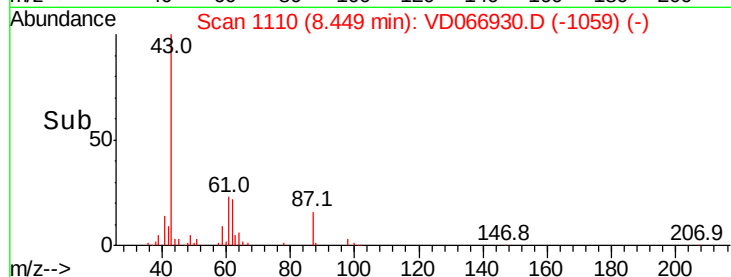
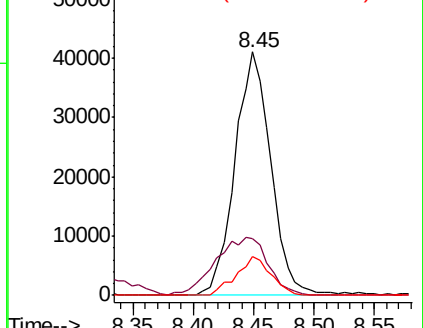
87 15.5 11.5 17.3



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: 20.218 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD066930.D

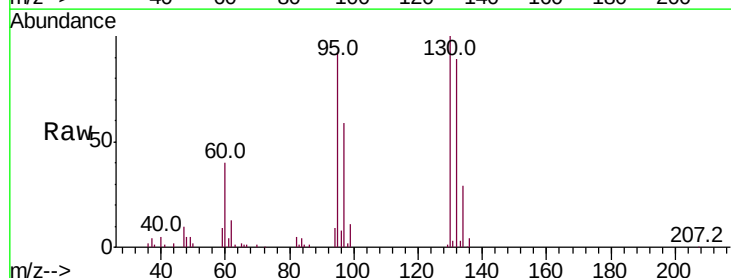
Acq: 29 Sep 2020 11:16

Tgt Ion:130 Resp: 105739

Ion Ratio Lower Upper

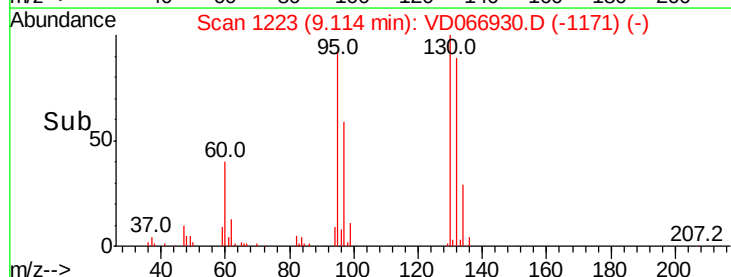
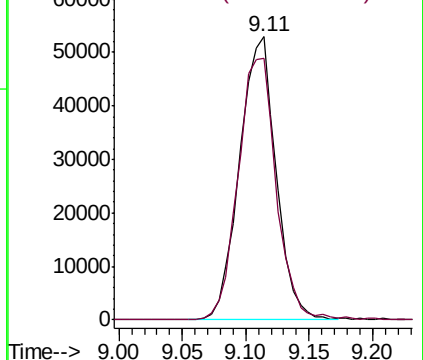
130 100

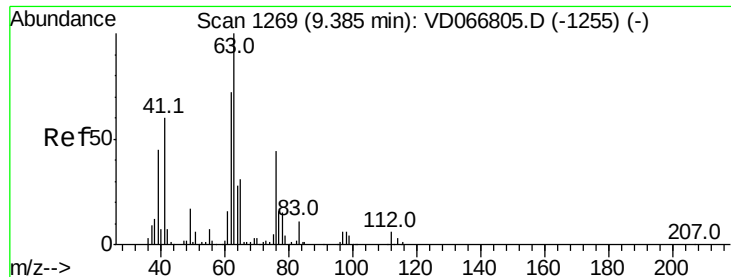
95 92.5 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.353 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

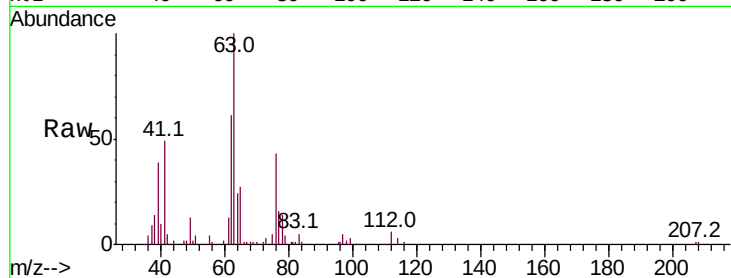
VD0929SBSD01

Tot Ion: 63 Resp: 89345

Ion Ratio Lower Upper

63 100

65 27.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

40000

30000

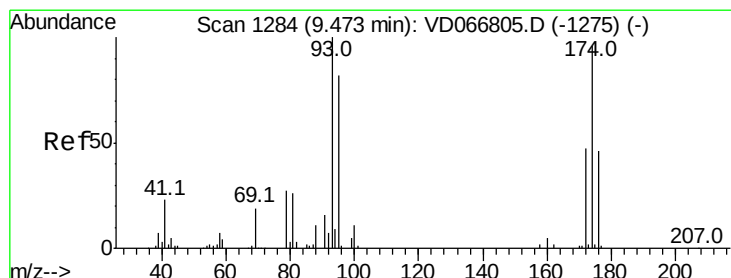
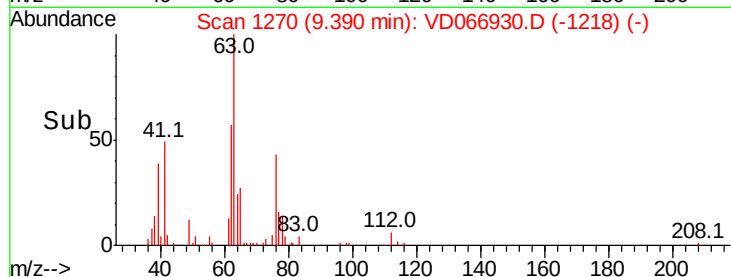
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 19.864 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

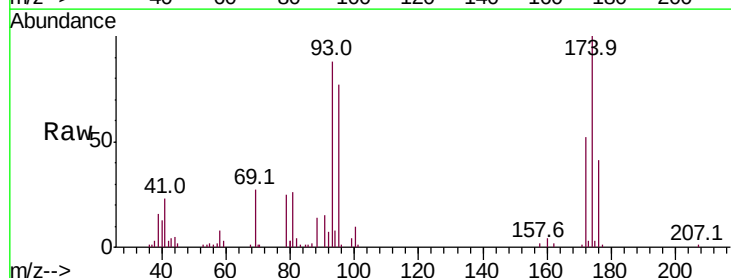
Tgt Ion: 93 Resp: 49824

Ion Ratio Lower Upper

93 100

95 84.7 65.3 97.9

174 100.9 75.4 113.2



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

30000

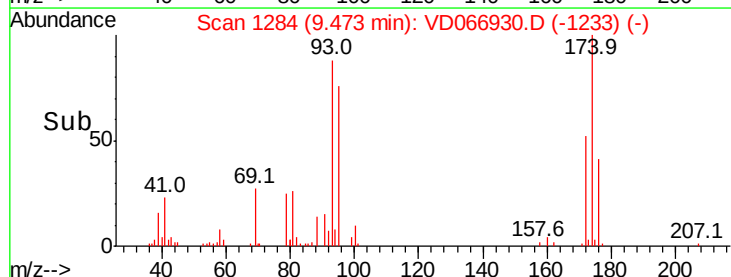
20000

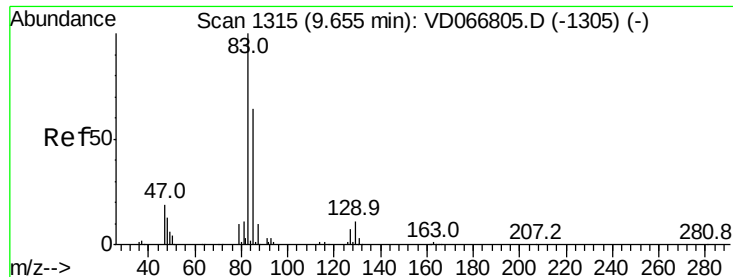
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 19.436 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

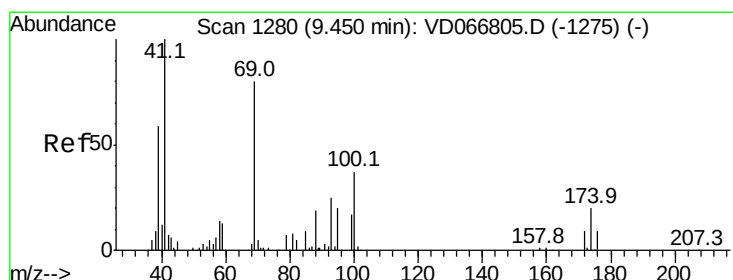
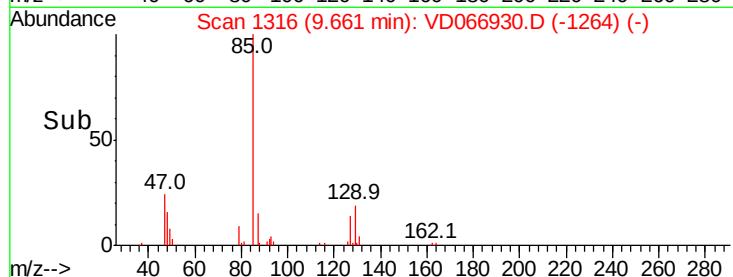
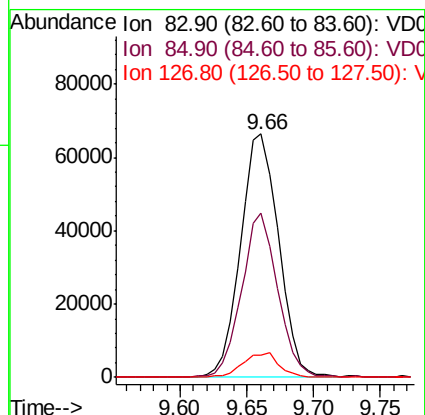
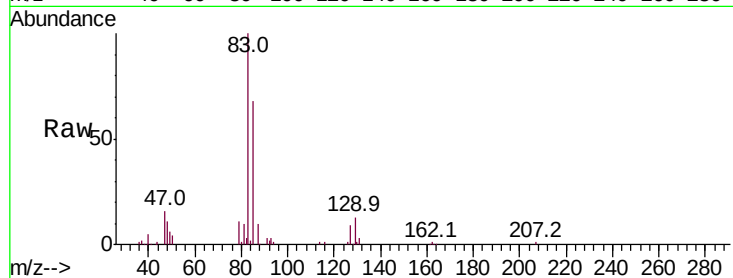
Tot Ion: 83 Resp: 130964

Ion Ratio Lower Upper

83 100

85 67.7 50.9 76.3

127 9.3 5.9 8.9#



#48

Methyl methacrylate

Concen: 19.959 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

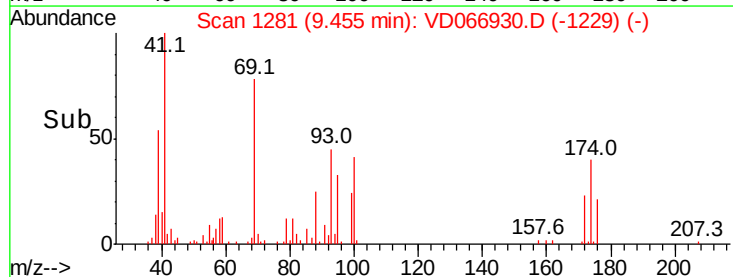
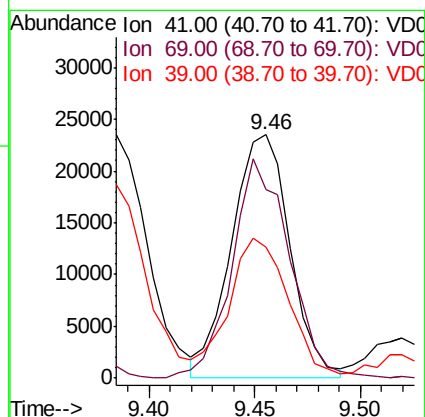
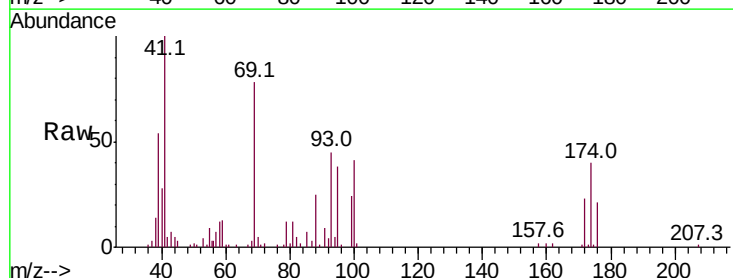
Tgt Ion: 41 Resp: 45156

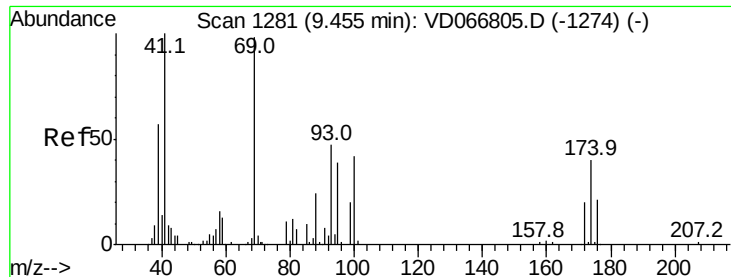
Ion Ratio Lower Upper

41 100

69 88.7 74.5 111.7

39 54.6 47.0 70.6

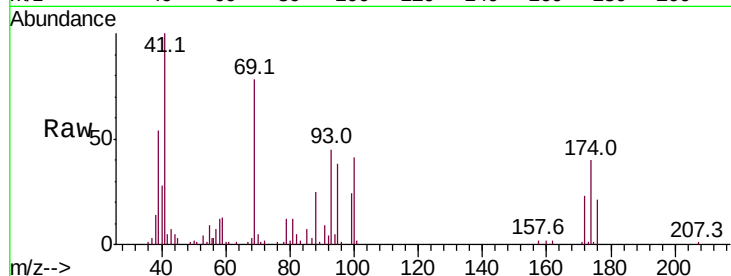




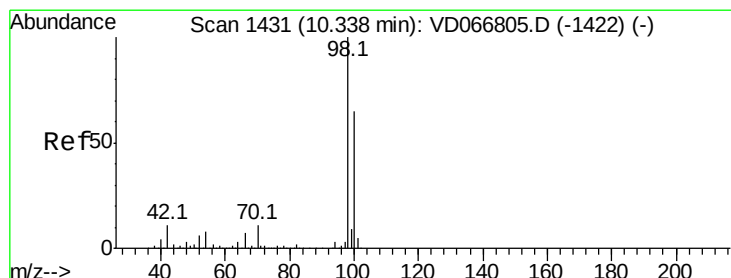
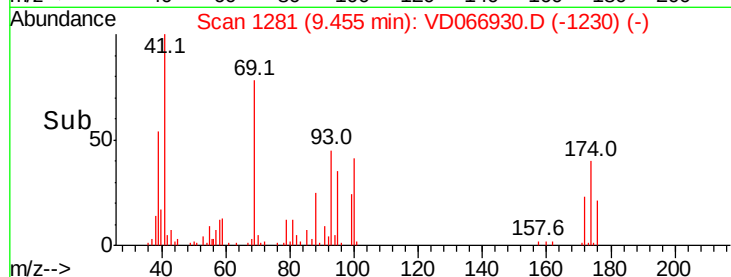
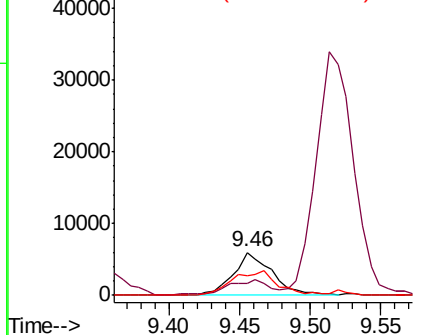
#49
1,4-Dioxane
Concen: 337.270 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion: 88 Resp: 11550
Ion Ratio Lower Upper
88 100
43 39.4 27.7 41.5
58 65.8 55.5 83.3

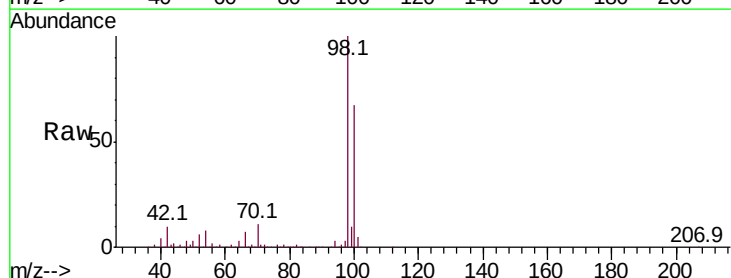


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

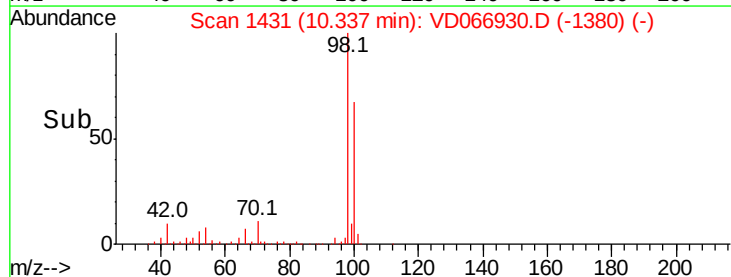
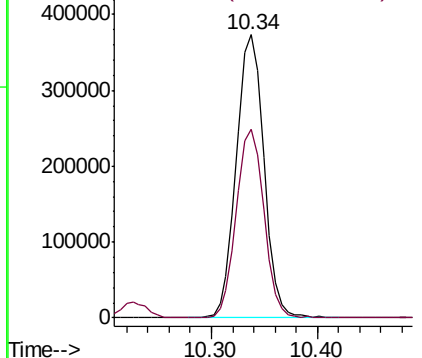


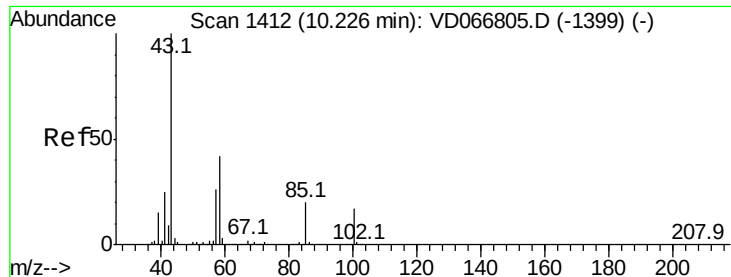
#50
Toluene-d8
Concen: 47.100 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 98 Resp: 677550
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2



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: 95.370 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

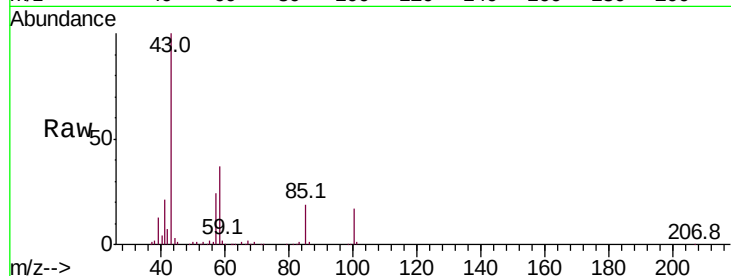
VD0929SBS01

Tot Ion: 43 Resp: 221746

Ion Ratio Lower Upper

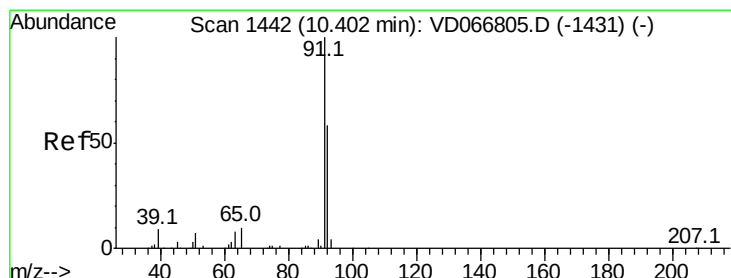
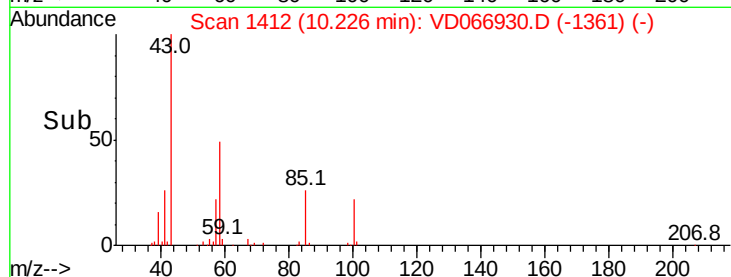
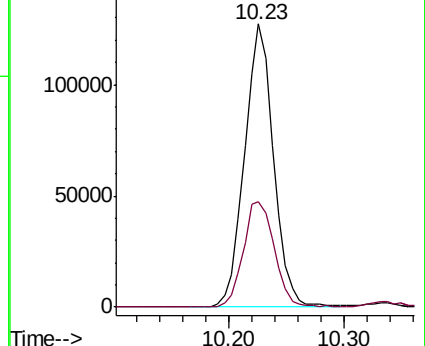
43 100

58 40.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.767 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066930.D

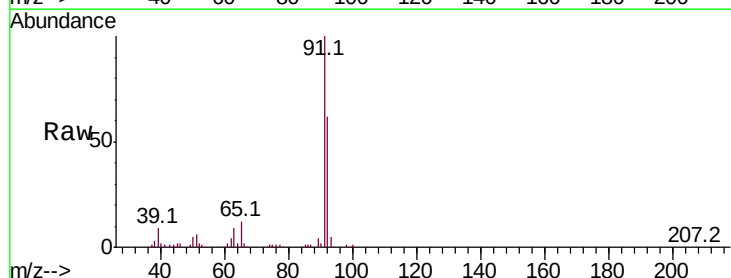
Acq: 29 Sep 2020 11:16

Tgt Ion: 92 Resp: 245448

Ion Ratio Lower Upper

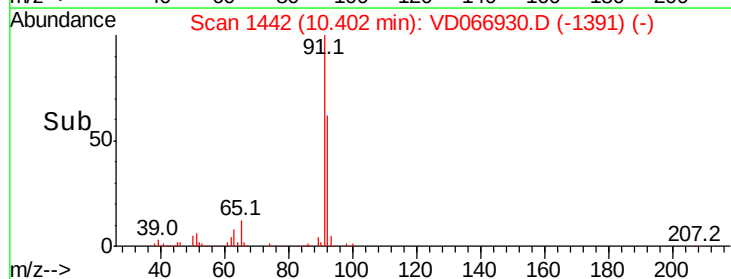
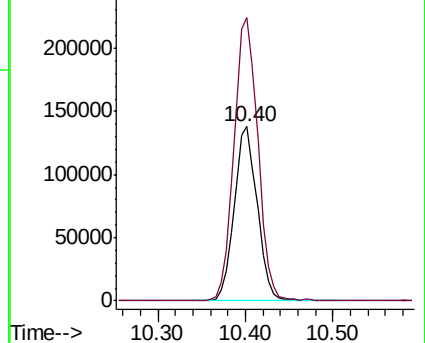
92 100

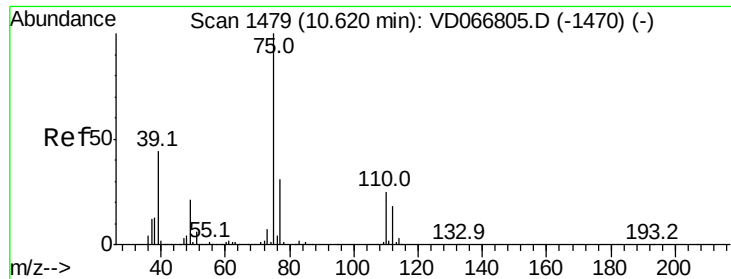
91 168.5 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.084 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

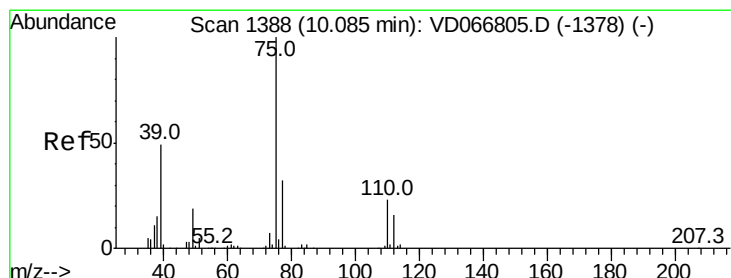
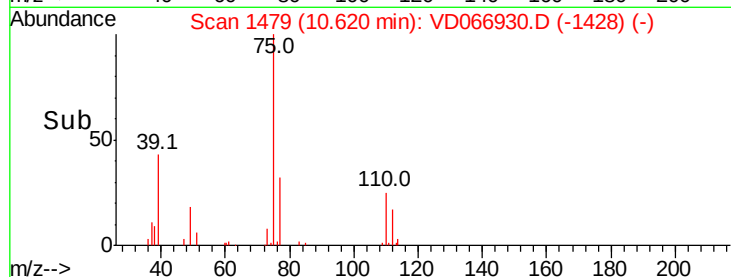
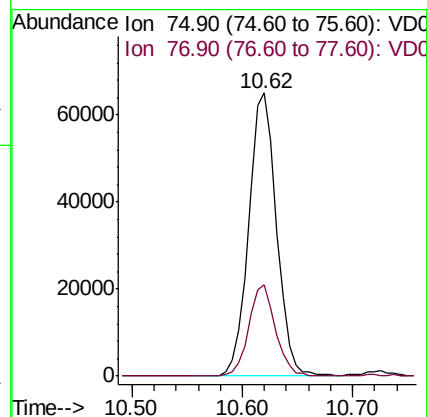
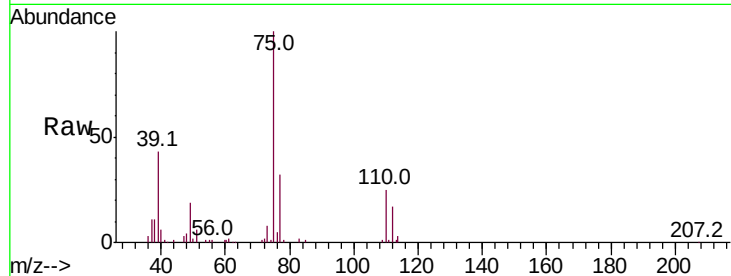
VD0929SBSD01

Tot Ion: 75 Resp: 115186

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.570 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

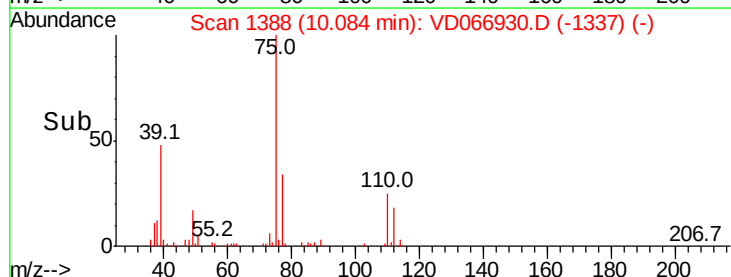
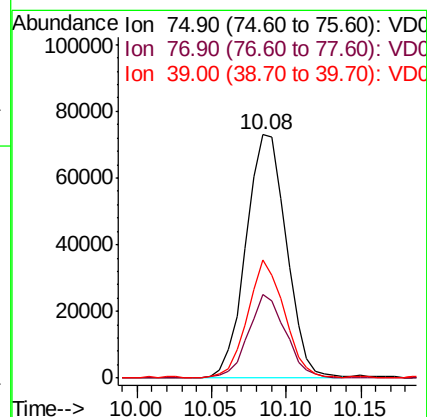
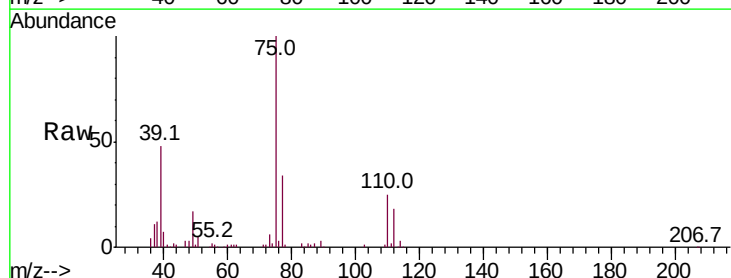
Tgt Ion: 75 Resp: 136854

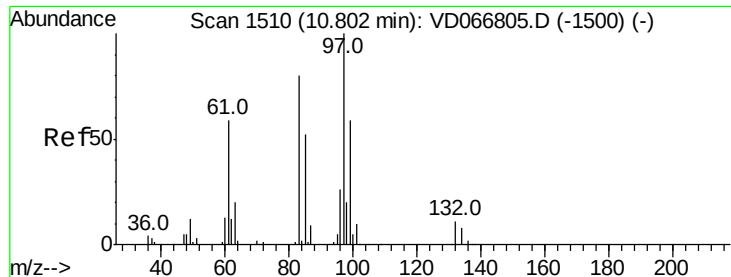
Ion Ratio Lower Upper

75 100

77 34.4 25.6 38.4

39 48.1 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.933 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

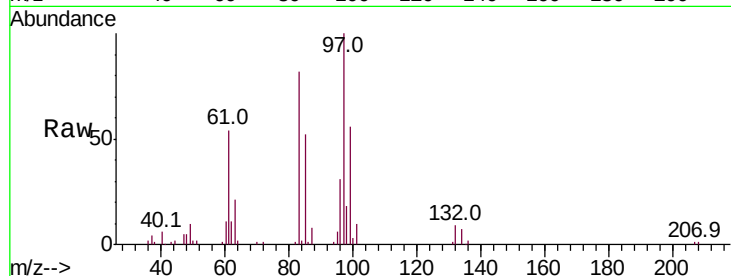
MSVOA_D

ClientSampleId :

VD0929SBSD01

Tot Ion: 97 Resp: 72180

Ion	Ratio	Lower	Upper
97	100		
83	82.3	64.2	96.2
85	51.7	41.9	62.9
99	55.7	47.5	71.3



Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Time-->

10.75 10.80 10.85

10.80

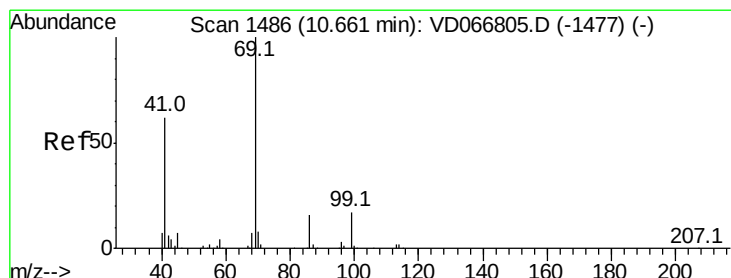
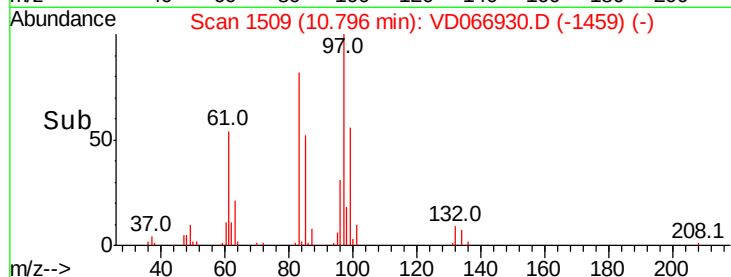
40000

30000

20000

10000

0



#56

Ethyl methacrylate

Concen: 20.067 ug/l

RT: 10.66 min Scan# 1486

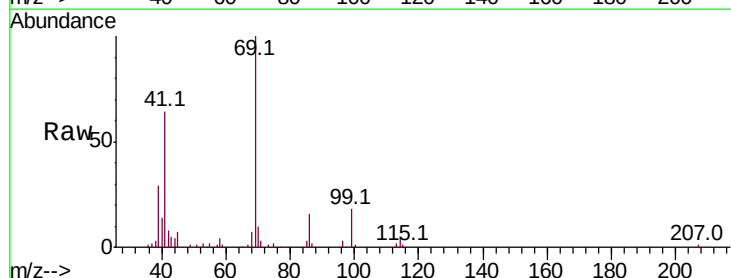
Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion: 69 Resp: 74129

Ion	Ratio	Lower	Upper
69	100		
41	62.3	52.2	78.2
39	30.5	26.6	40.0



Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Time-->

10.60 10.70

10.66

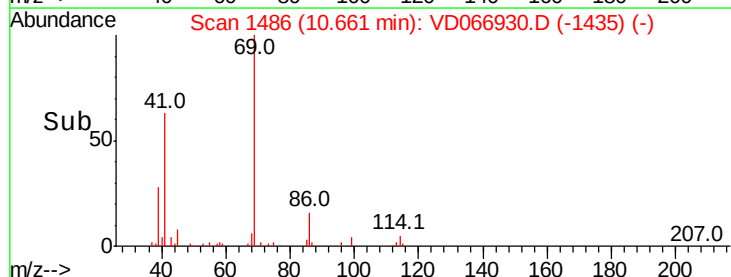
40000

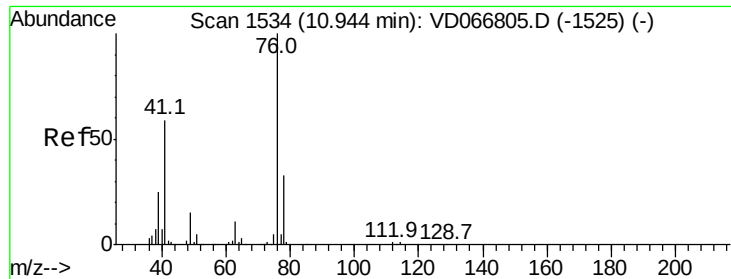
30000

20000

10000

0





#57

1,3-Dichloropropane

Concen: 19.999 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

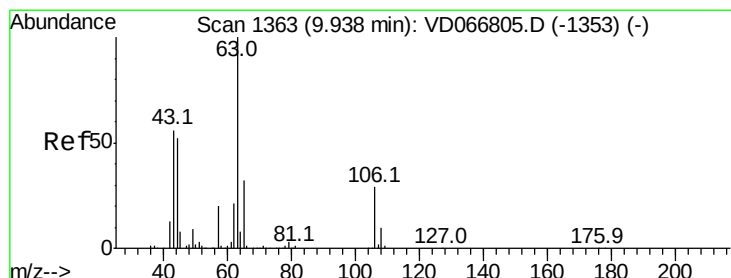
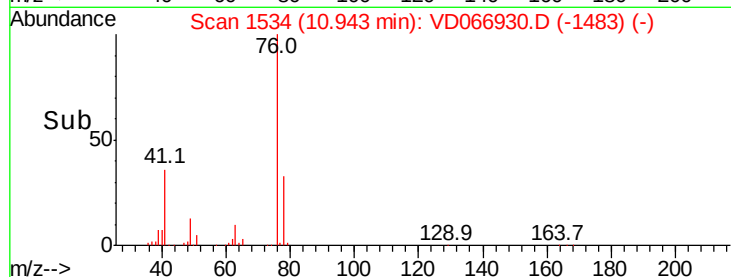
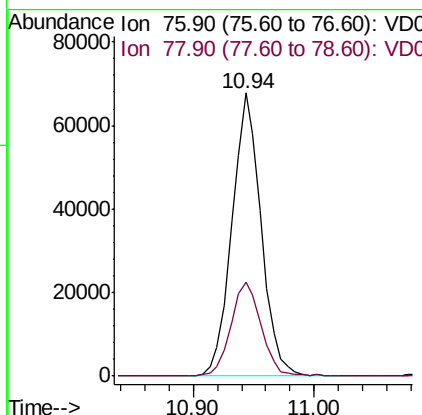
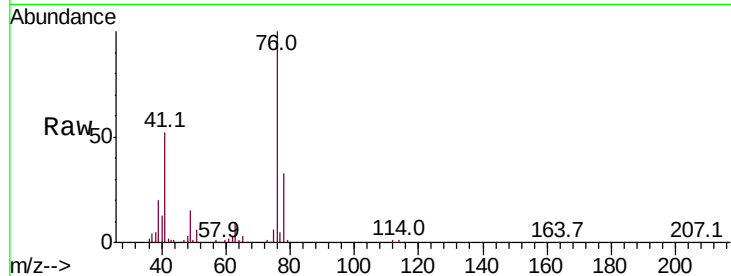
Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 76 Resp: 113871

Ion	Ratio	Lower	Upper
76	100		
78	34.7	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 109.516 ug/l

RT: 9.94 min Scan# 1363

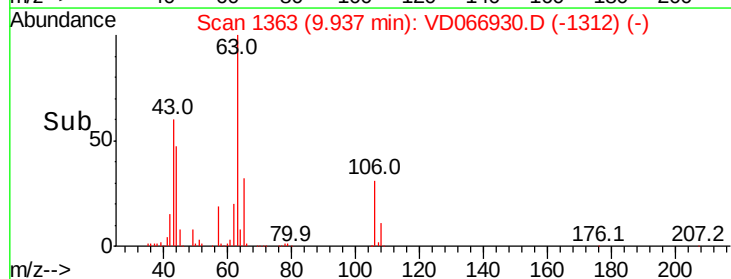
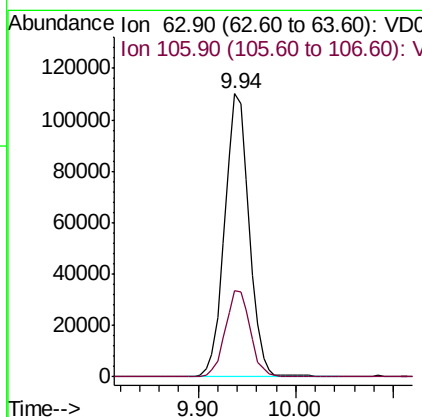
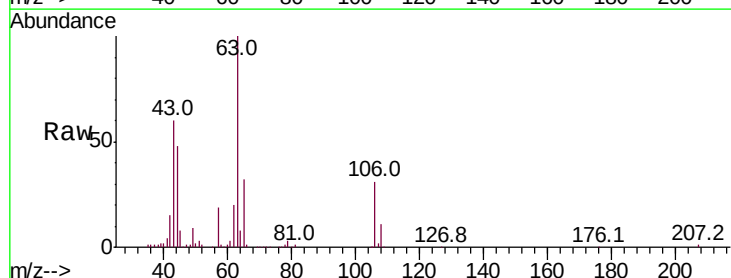
Delta R.T. -0.00 min

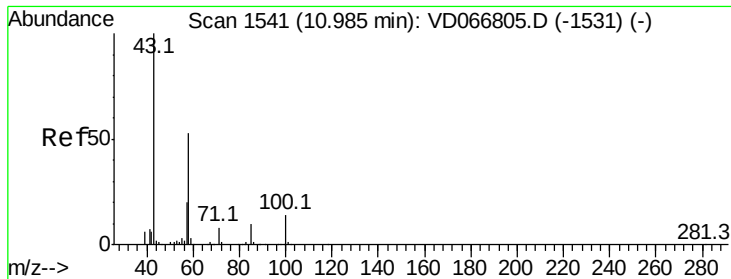
Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion: 63 Resp: 191553

Ion	Ratio	Lower	Upper
63	100		
106	31.2	23.8	35.6

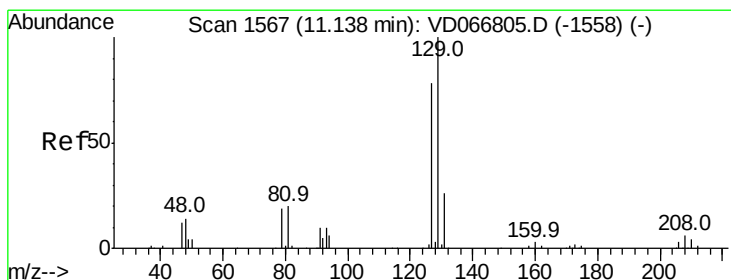
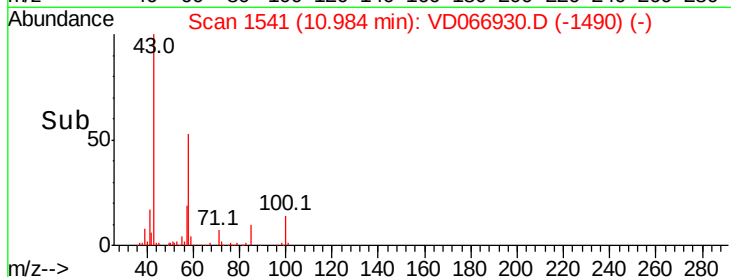
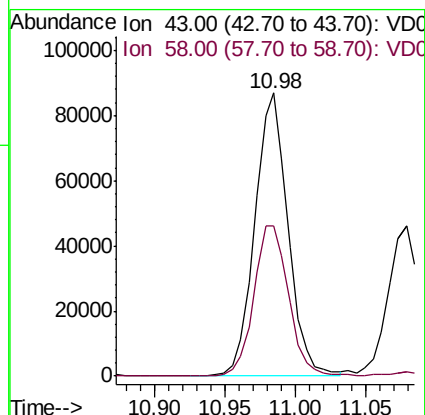
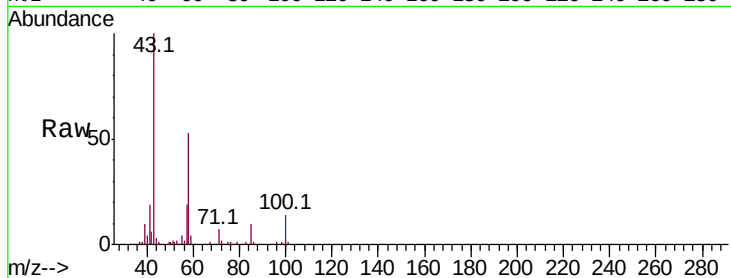




#59
2-Hexanone
Concen: 91.671 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

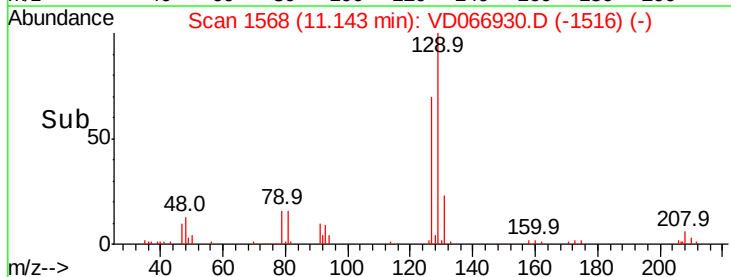
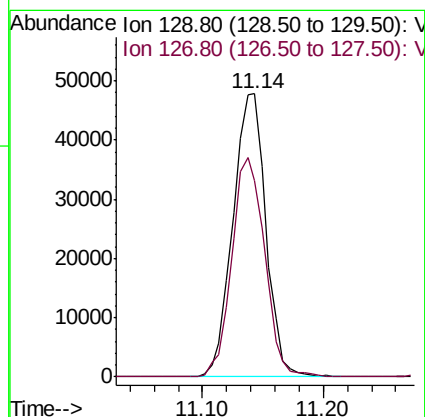
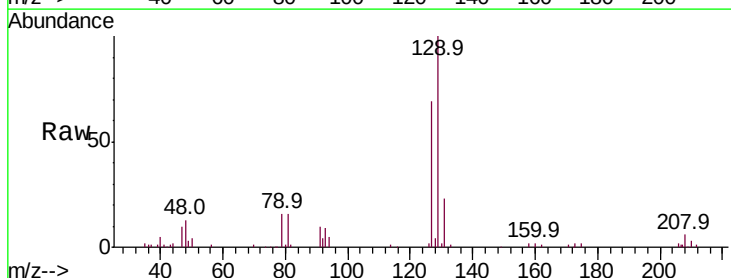
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

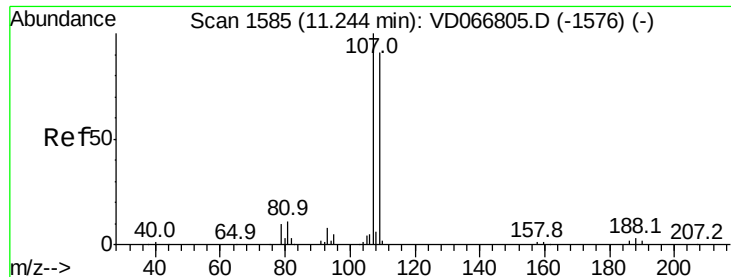
Tot Ion: 43 Resp: 143741
Ion Ratio Lower Upper
43 100
58 55.7 27.0 80.8



#60
Dibromochloromethane
Concen: 20.201 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion:129 Resp: 90911
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

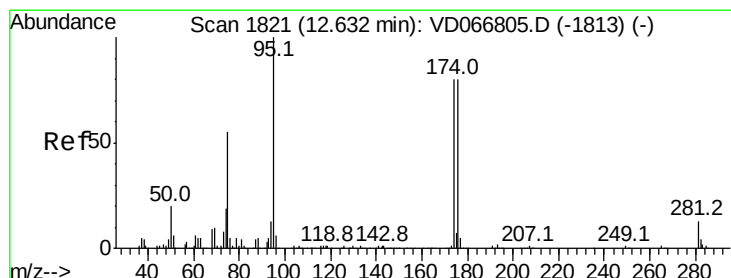
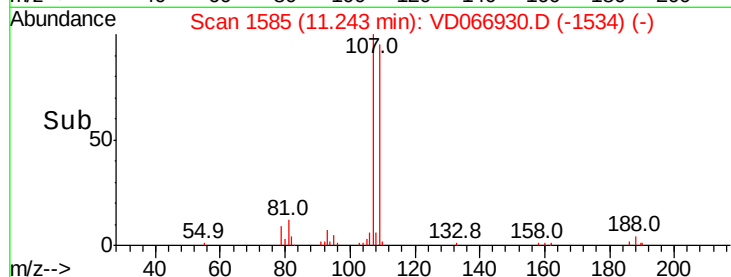
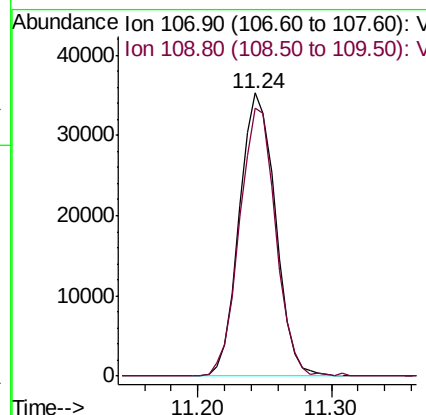
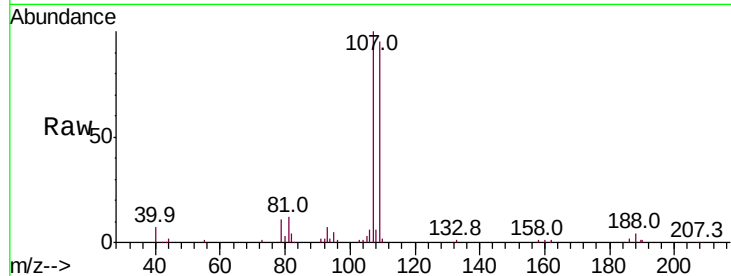




#61
 1,2-Dibromoethane
 Concen: 20.588 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

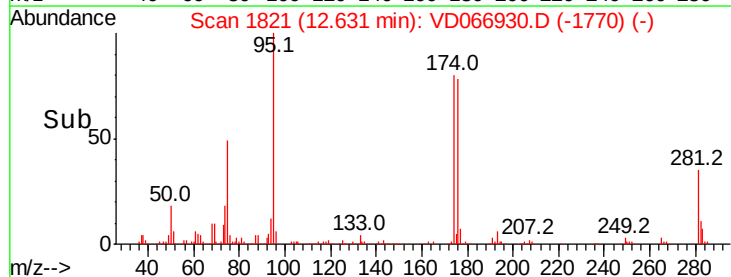
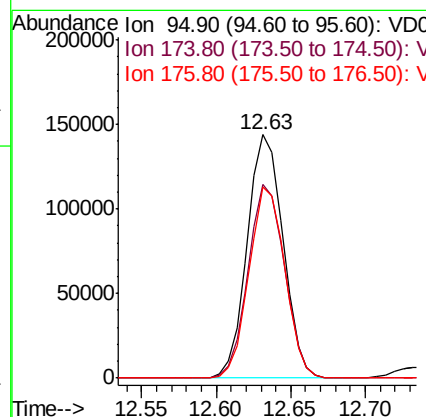
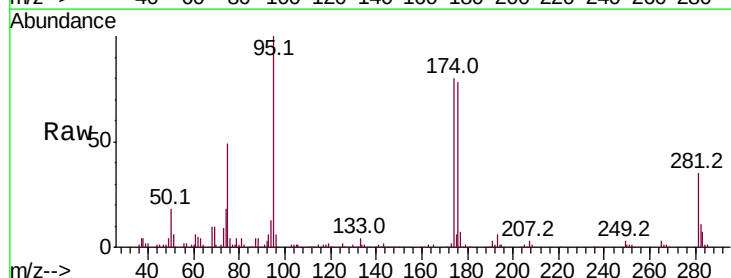
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

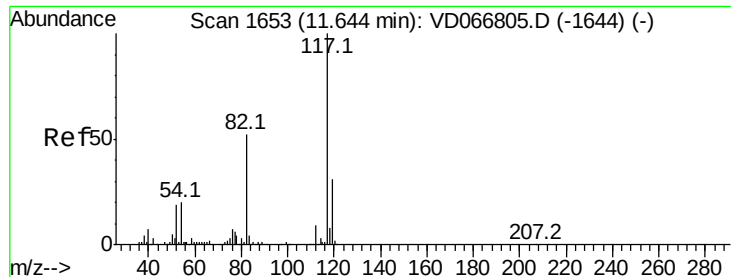
Tot Ion:107 Resp: 66030
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.500 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 95 Resp: 238841
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 159.8
 176 78.4 0.0 154.4

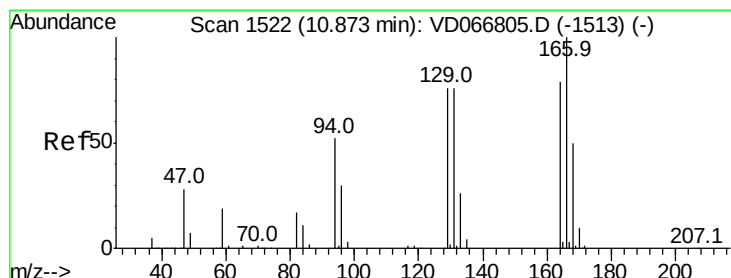
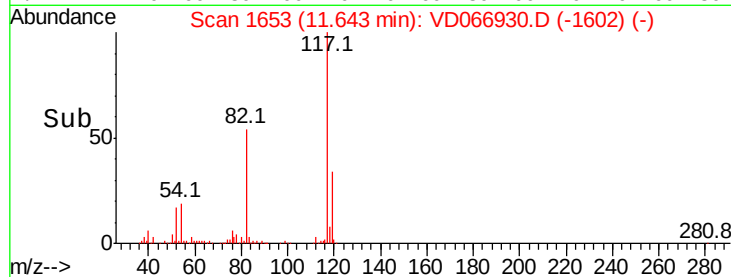
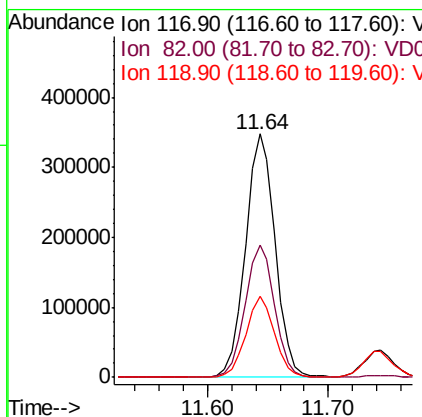
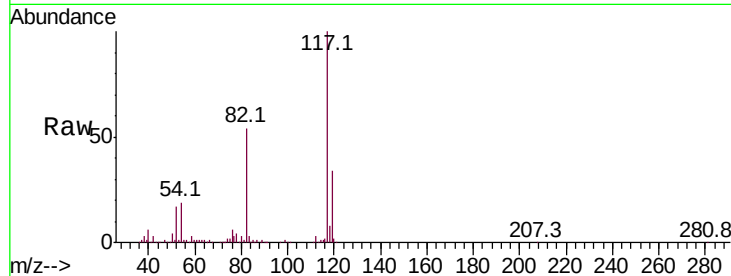




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

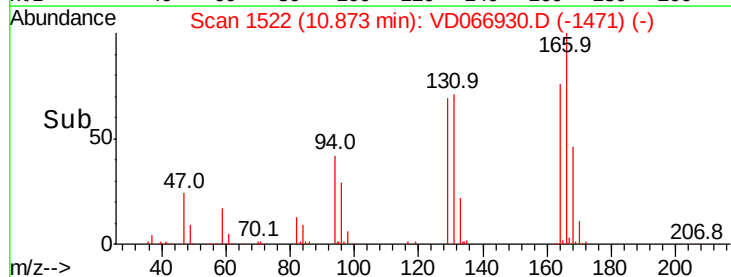
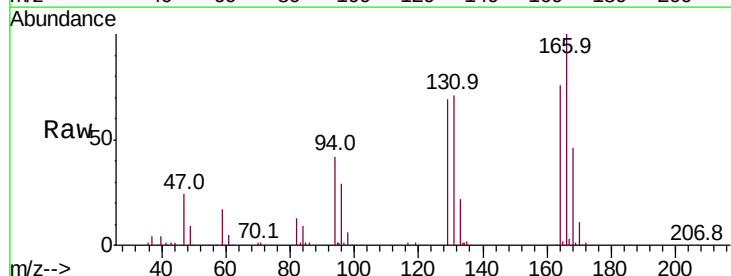
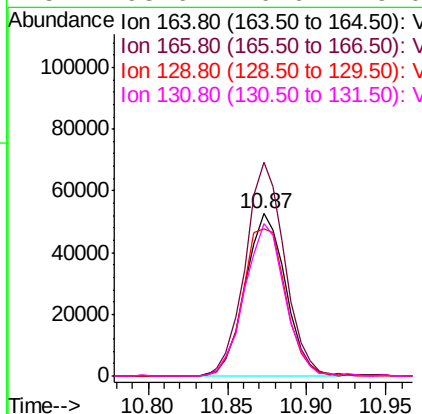
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

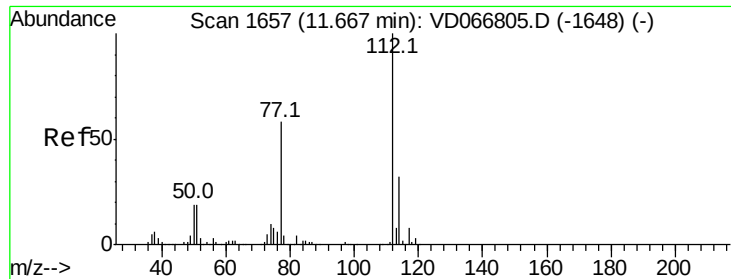
Tot Ion:117 Resp: 595627
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 33.5 24.6 37.0



#64
Tetrachloroethene
Concen: 21.866 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion:164 Resp: 93685
Ion Ratio Lower Upper
164 100
166 131.5 101.1 151.7
129 90.9 77.0 115.4
131 93.6 76.6 115.0

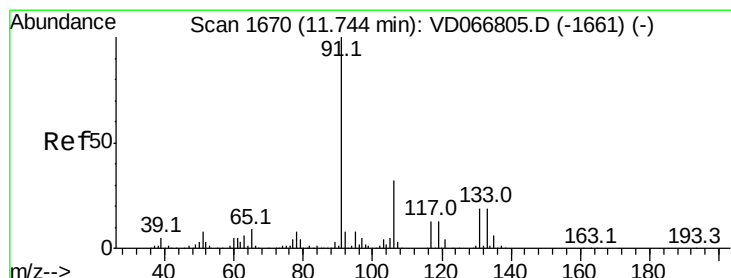
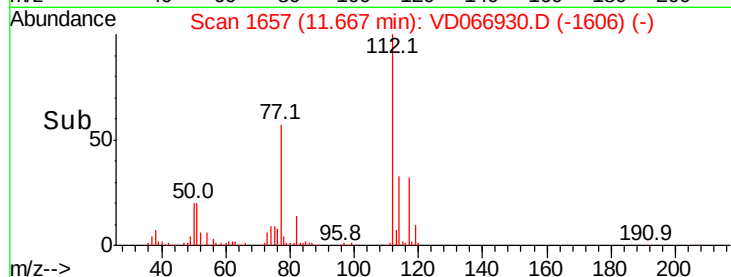
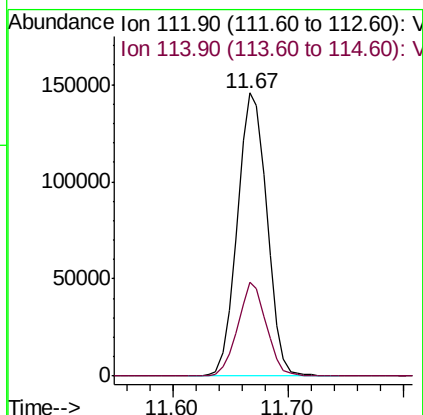
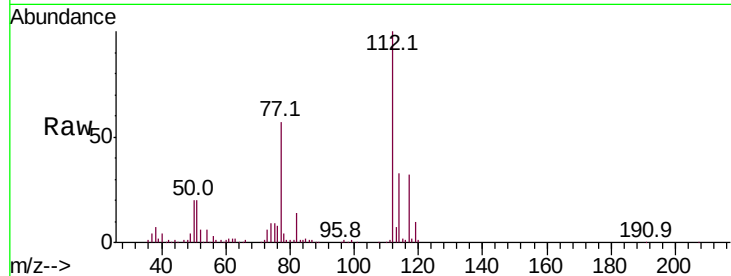




#65
Chlorobenzene
Concen: 20.876 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

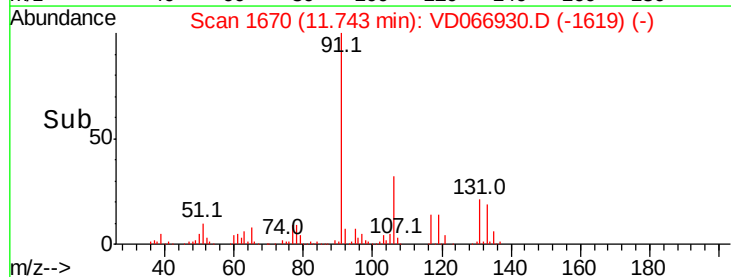
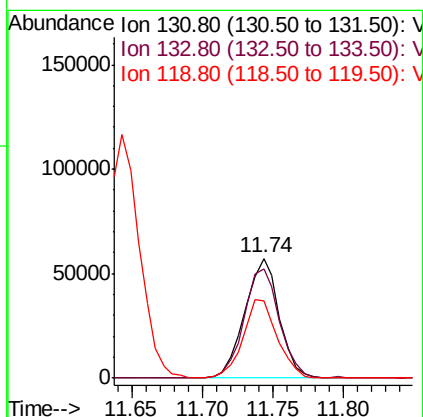
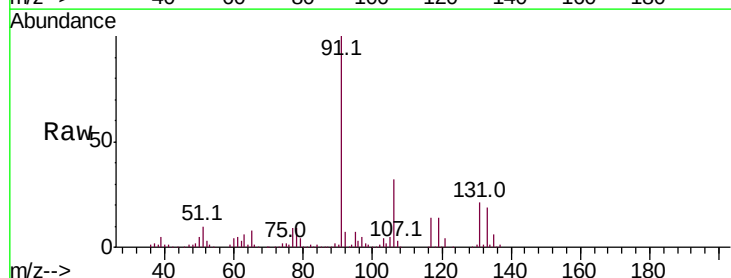
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

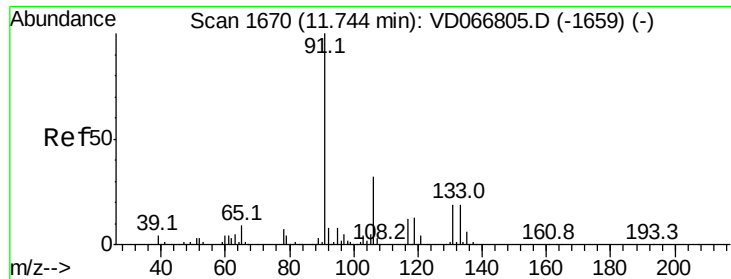
Tot Ion:112 Resp: 258826
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.865 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion:131 Resp: 97908
Ion Ratio Lower Upper
131 100
133 94.2 46.7 140.1
119 65.6 32.3 96.9





#67

Ethyl Benzene

Concen: 20.401 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

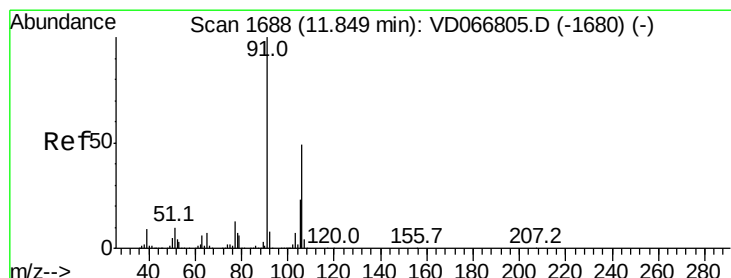
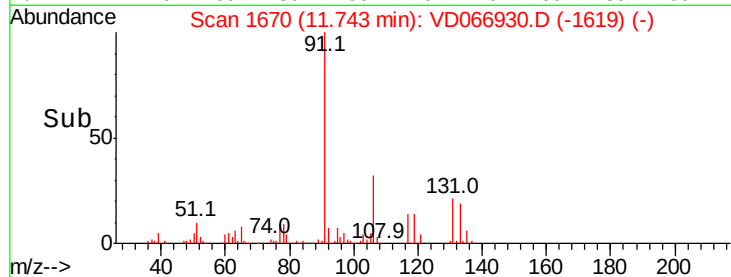
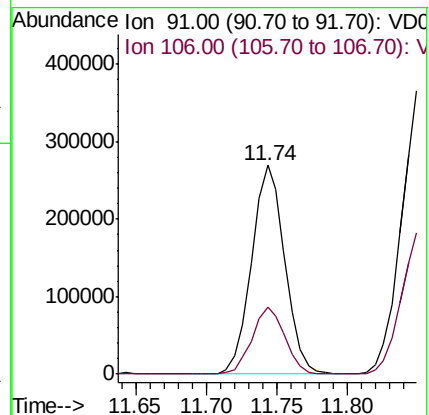
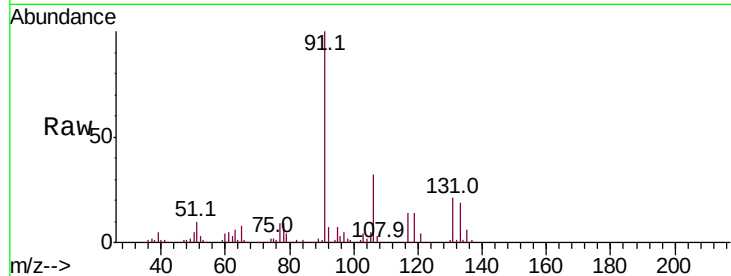
VD0929SBS01

Tot Ion: 91 Resp: 444240

Ion Ratio Lower Upper

91 100

106 32.4 25.6 38.4



#68

m/p-Xylenes

Concen: 42.613 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066930.D

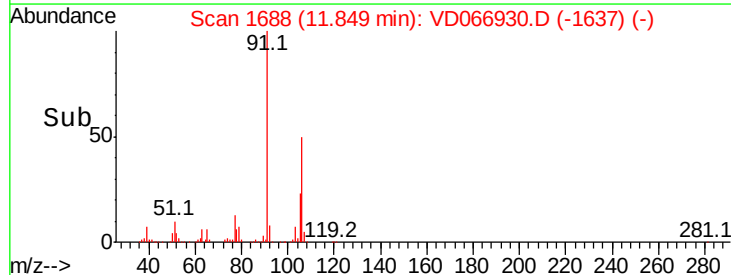
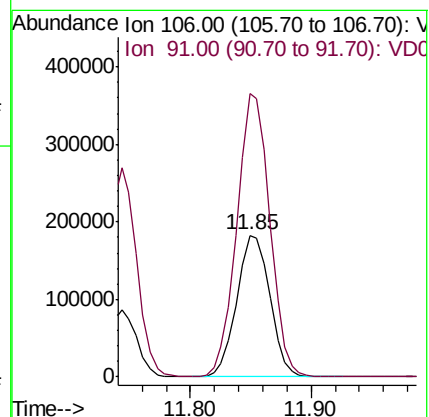
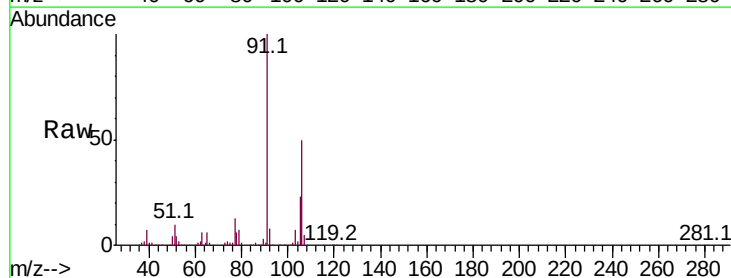
Acq: 29 Sep 2020 11:16

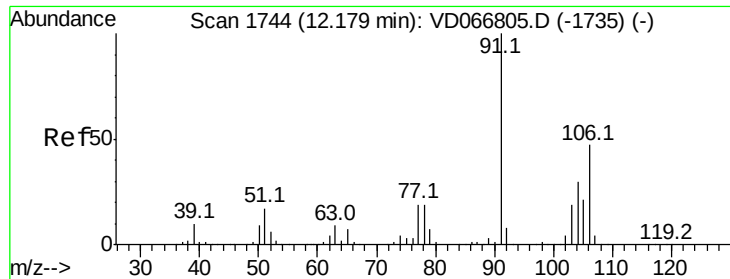
Tgt Ion: 106 Resp: 351317

Ion Ratio Lower Upper

106 100

91 198.6 160.7 241.1

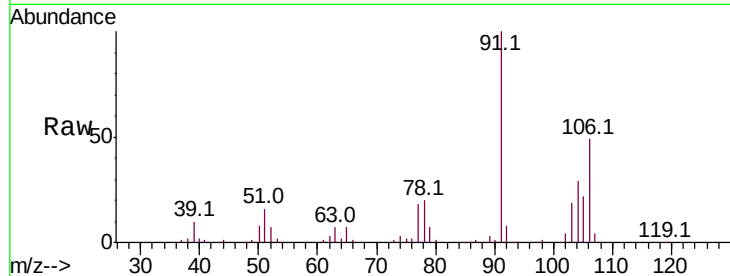




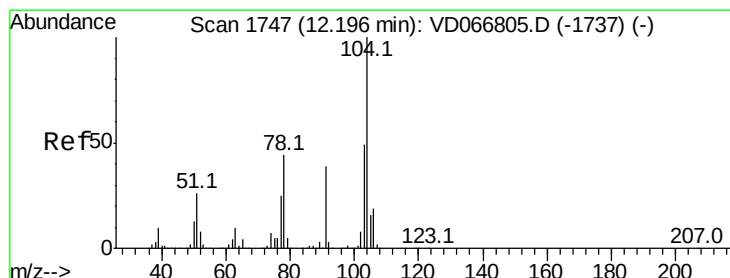
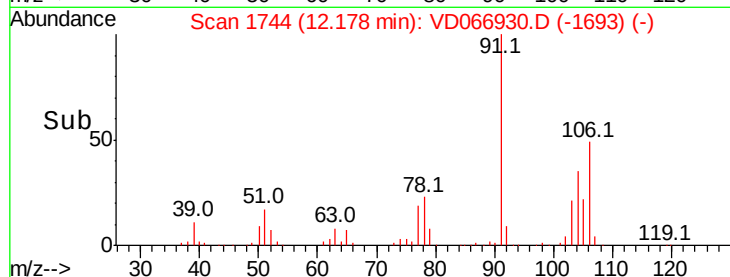
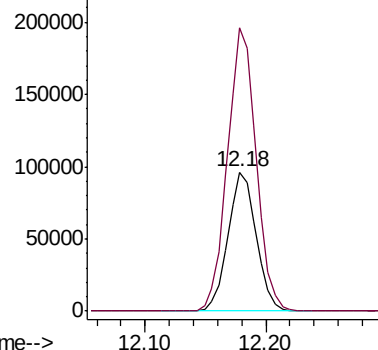
#69
o-Xylene
Concen: 21.119 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion:106 Resp: 157443
Ion Ratio Lower Upper
106 100
91 206.4 106.3 318.8

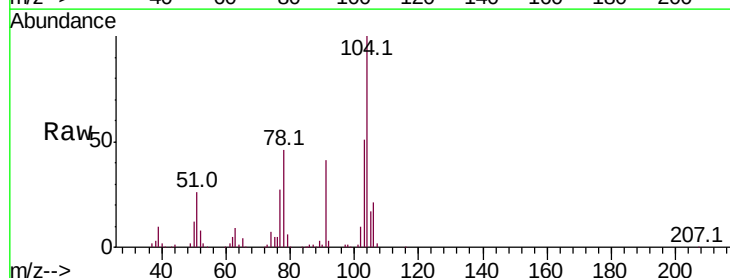


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

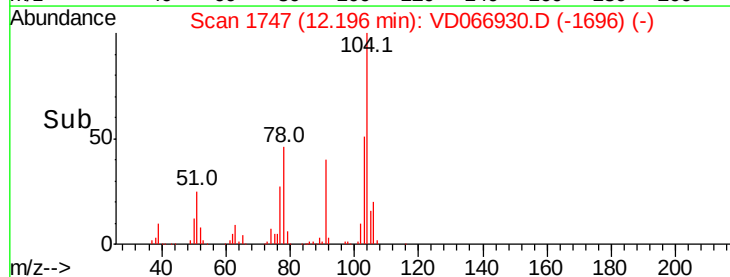
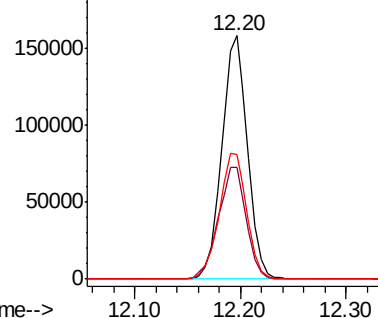


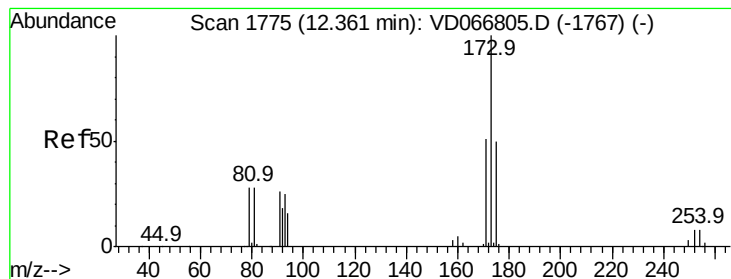
#70
Styrene
Concen: 20.663 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion:104 Resp: 267514
Ion Ratio Lower Upper
104 100
78 49.7 38.9 58.3
103 55.4 43.2 64.8



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





#71

Bromoform

Concen: 21.534 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

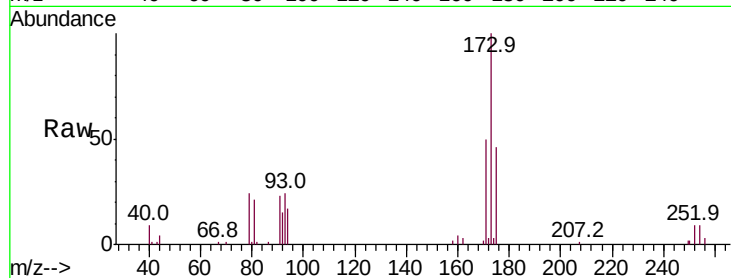
Tot Ion:173 Resp: 51163

Ion Ratio Lower Upper

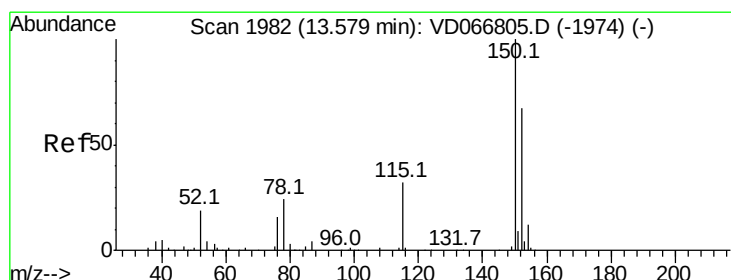
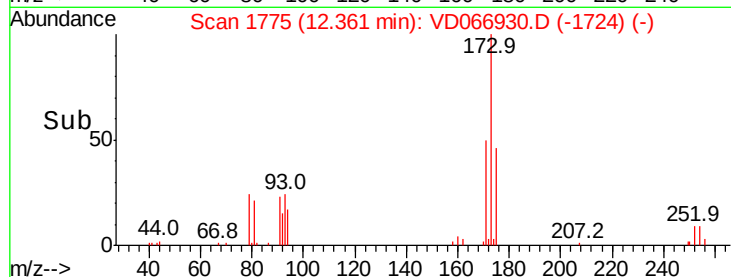
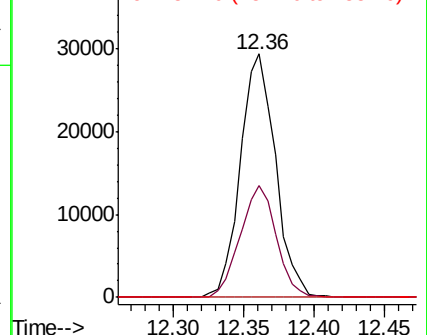
173 100

175 47.2 24.9 74.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

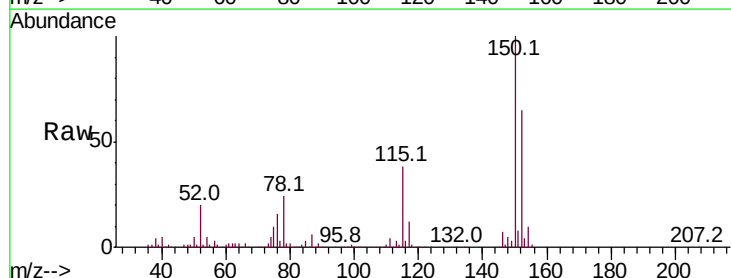
Tgt Ion:152 Resp: 289548

Ion Ratio Lower Upper

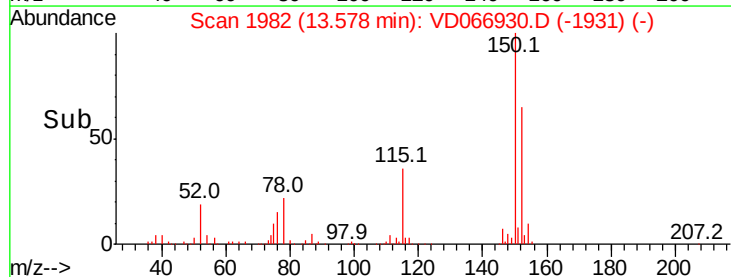
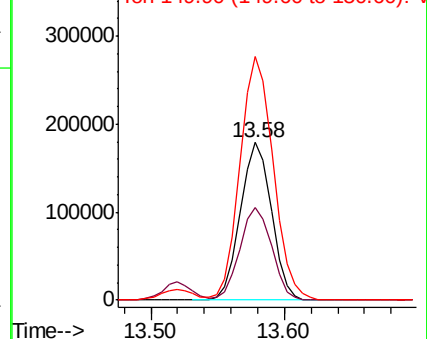
152 100

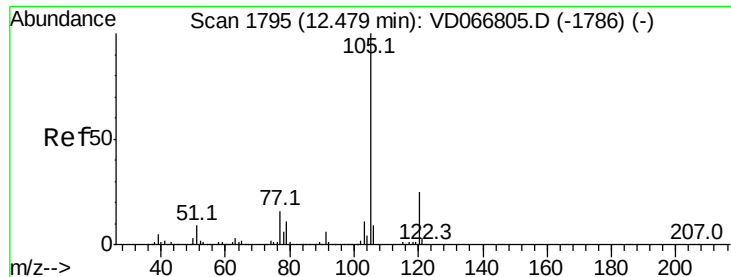
115 60.0 30.3 91.0

150 164.7 0.0 346.2



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: 20.561 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

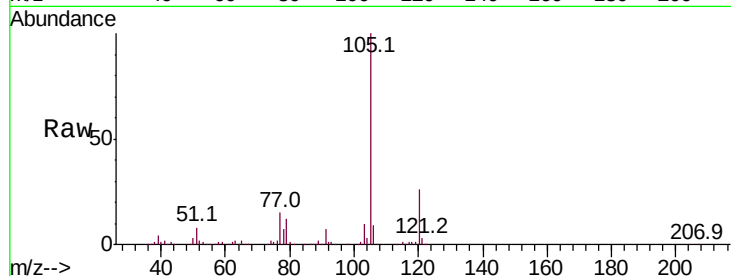
VD0929SBS01

Tot Ion:105 Resp: 430066

Ion Ratio Lower Upper

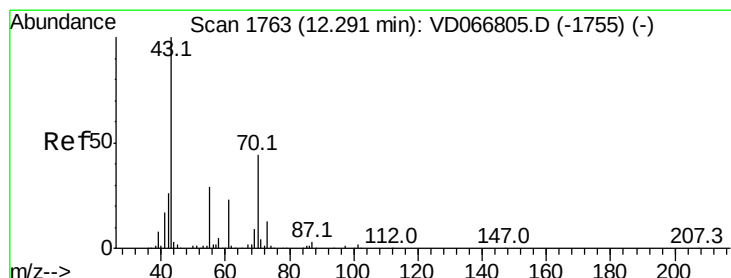
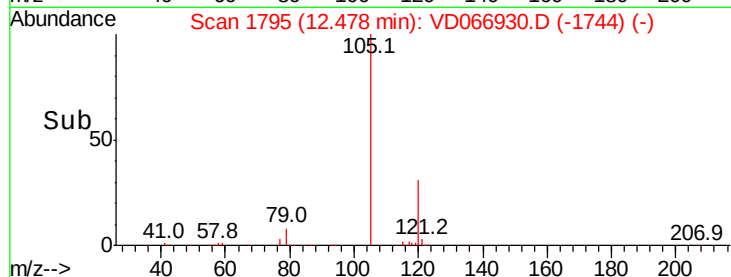
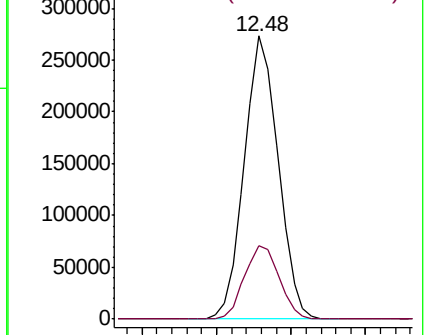
105 100

120 26.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.898 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion: 43 Resp: 77195

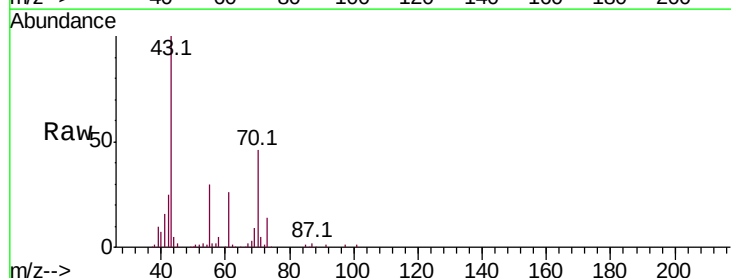
Ion Ratio Lower Upper

43 100

70 45.9 36.1 54.1

55 30.2 21.8 32.8

61 25.1 19.0 28.4

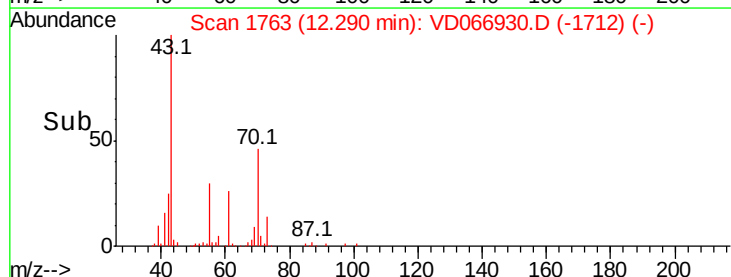
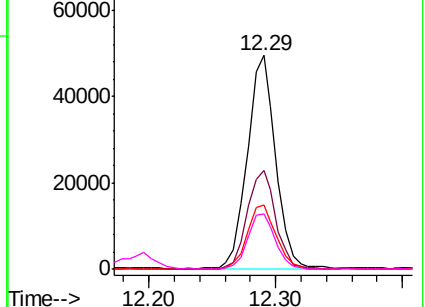


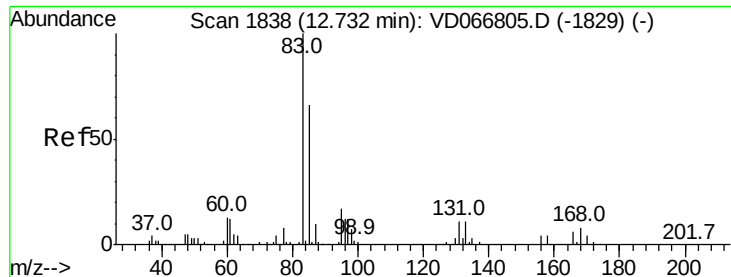
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.311 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

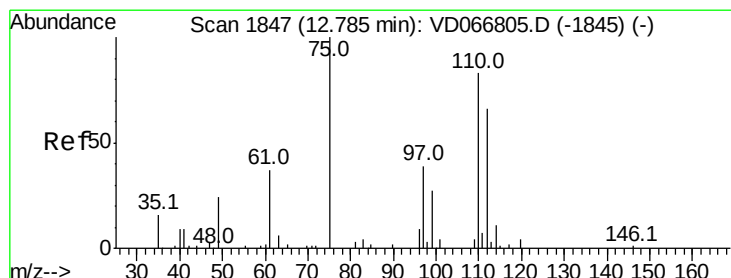
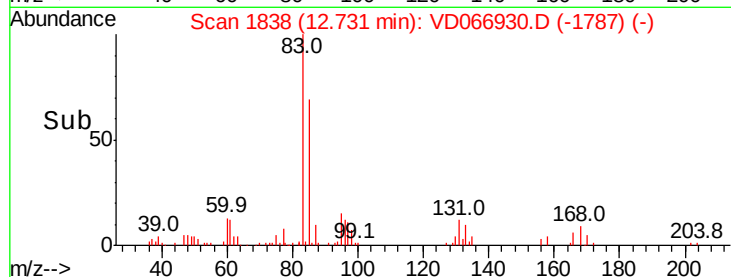
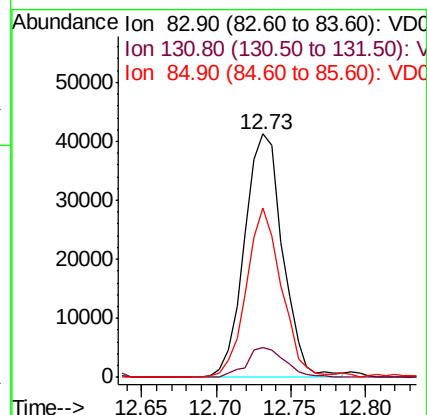
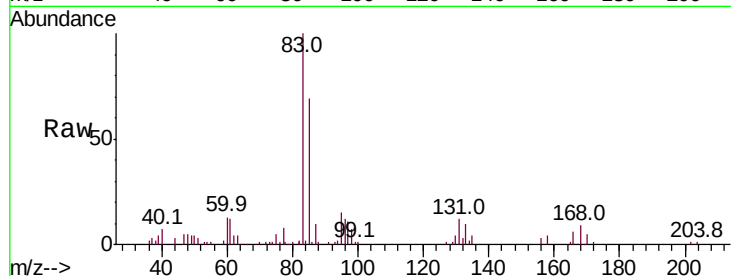
Tot Ion: 83 Resp: 73308

Ion Ratio Lower Upper

83 100

131 12.3 5.5 16.7

85 63.9 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 39.659 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066930.D

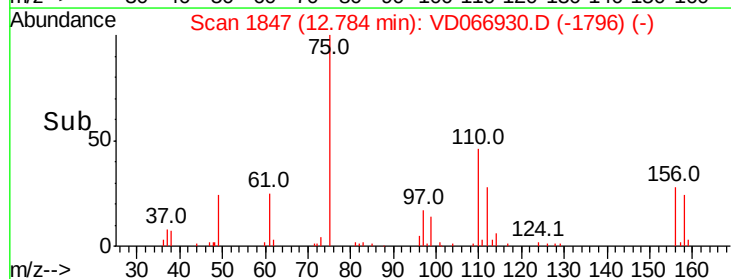
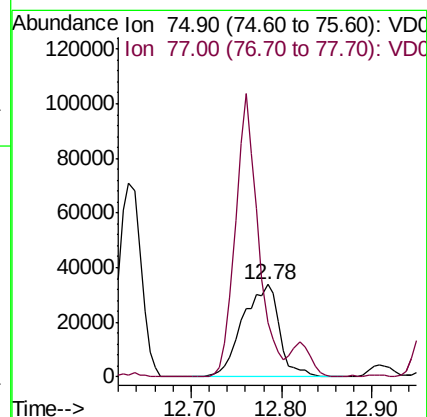
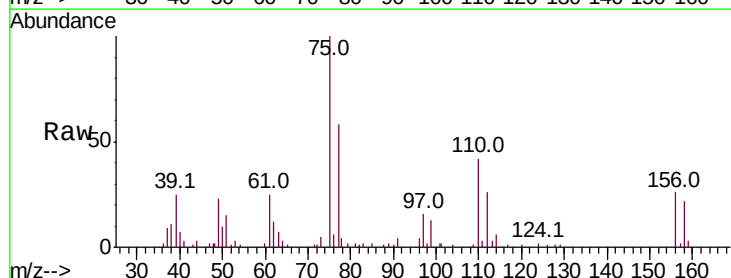
Acq: 29 Sep 2020 11:16

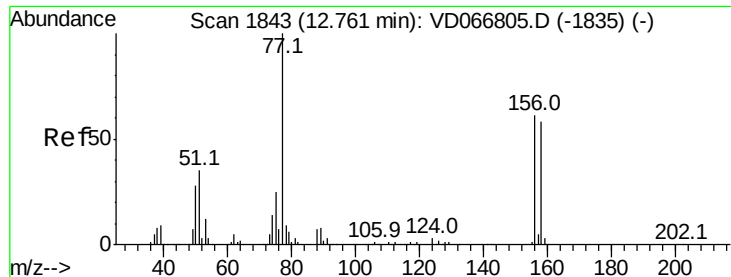
Tgt Ion: 75 Resp: 95164

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.210 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

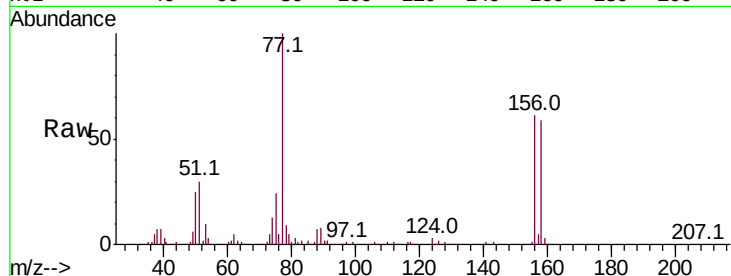
Tot Ion:156 Resp: 103761

Ion Ratio Lower Upper

156 100

77 177.0 92.3 276.9

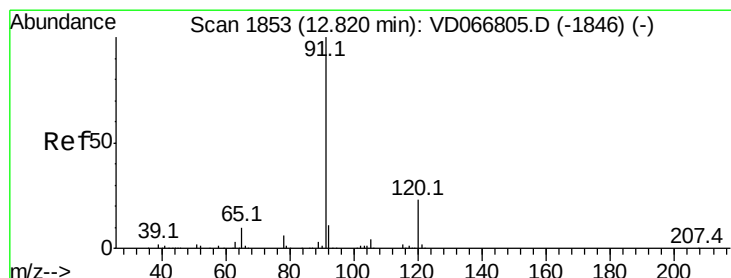
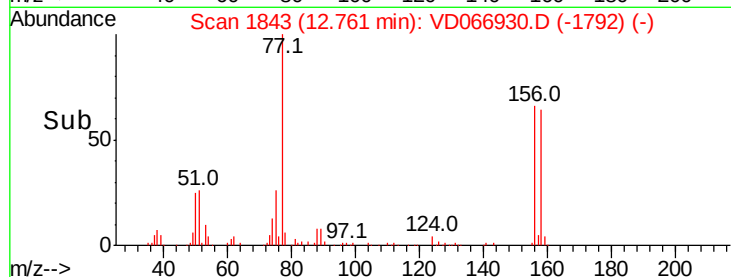
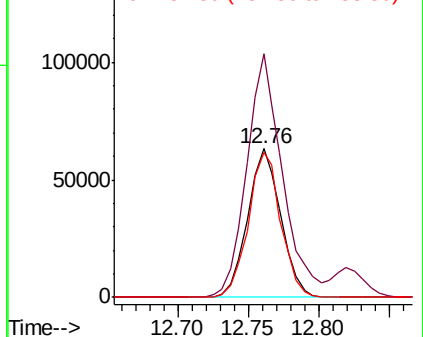
158 95.9 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.599 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066930.D

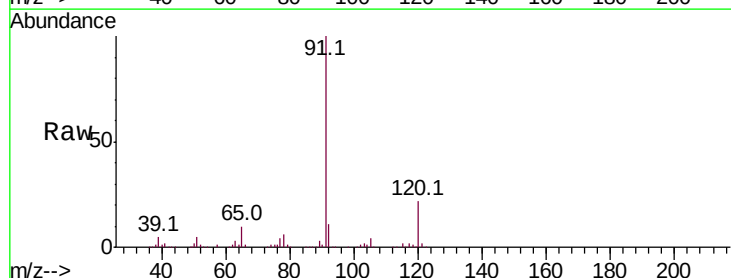
Acq: 29 Sep 2020 11:16

Tgt Ion: 91 Resp: 518350

Ion Ratio Lower Upper

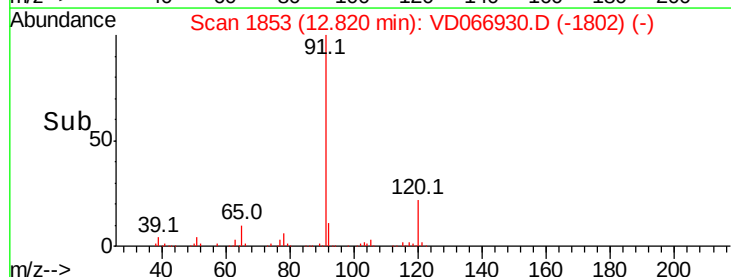
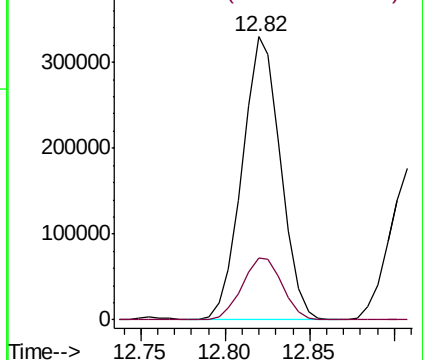
91 100

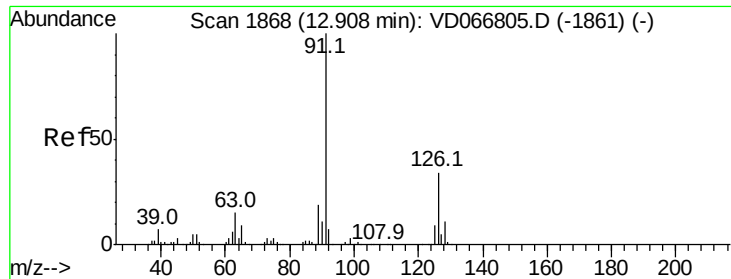
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

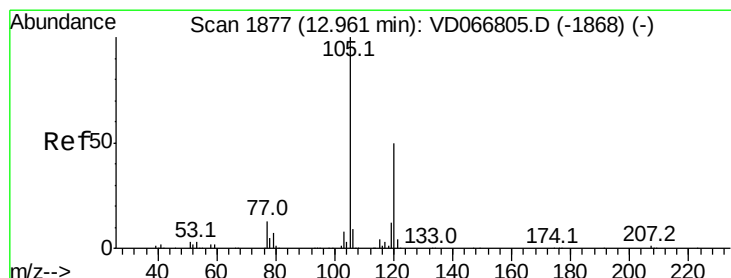
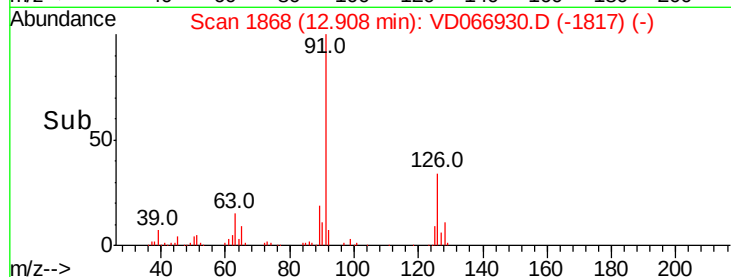
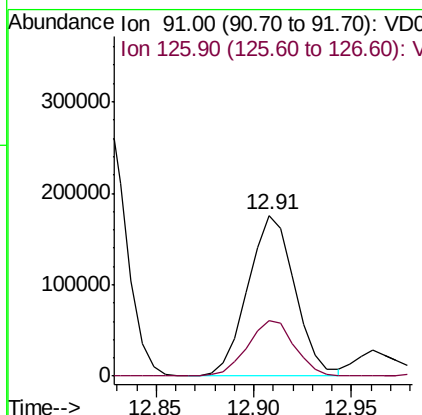
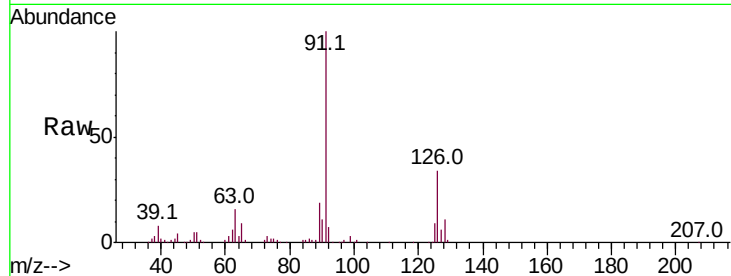




#79
 2-Chlorotoluene
 Concen: 20.361 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

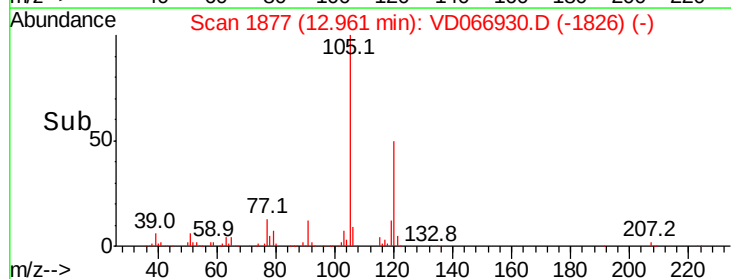
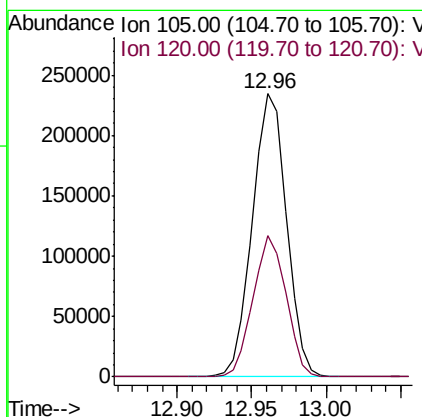
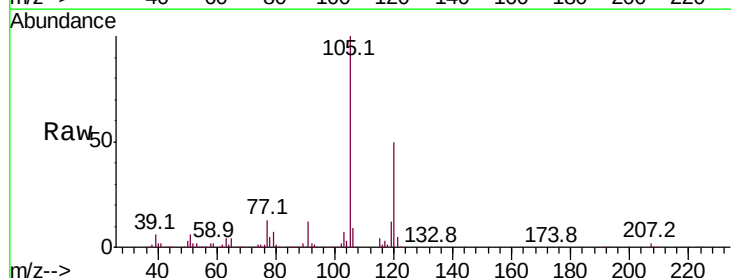
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

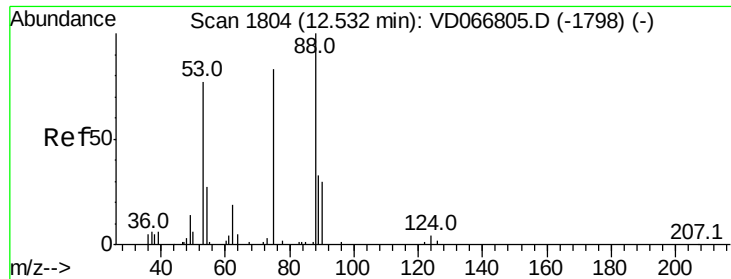
Tot Ion: 91 Resp: 291975
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.892 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion:105 Resp: 370796
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.910 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

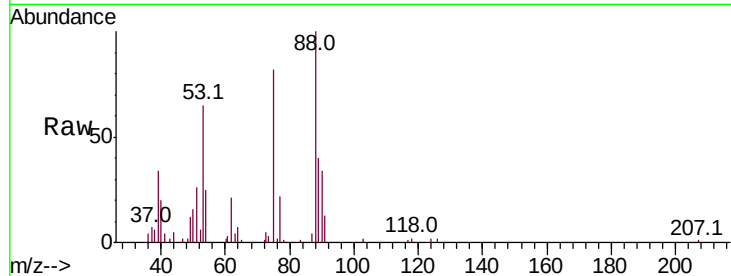
Tot Ion: 75 Resp: 19095

Ion Ratio Lower Upper

75 100

53 93.1 78.5 117.7

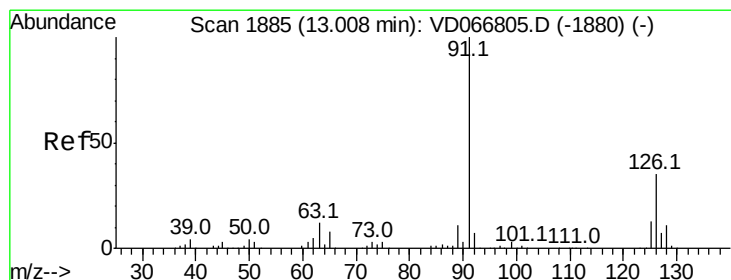
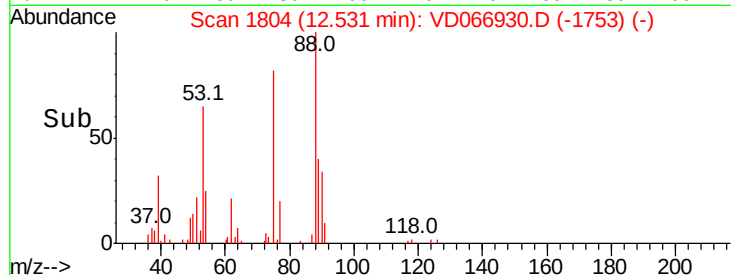
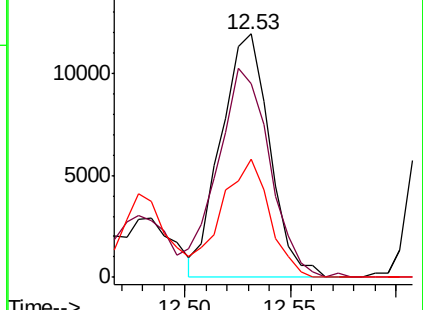
89 47.9 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.689 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066930.D

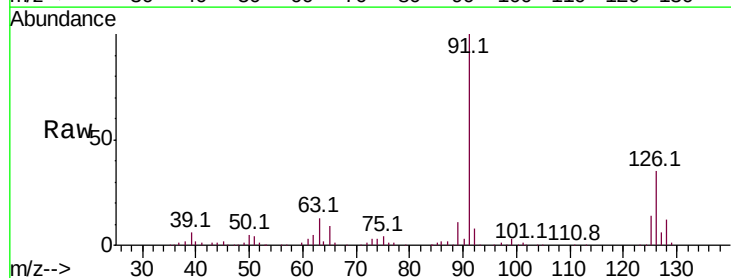
Acq: 29 Sep 2020 11:16

Tgt Ion: 91 Resp: 312732

Ion Ratio Lower Upper

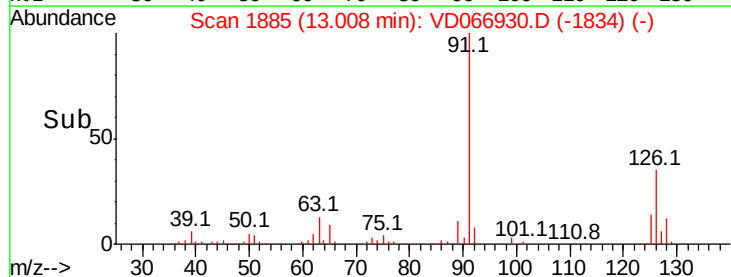
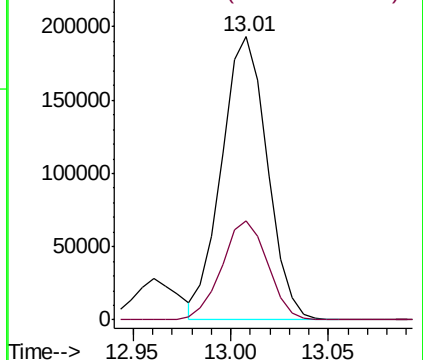
91 100

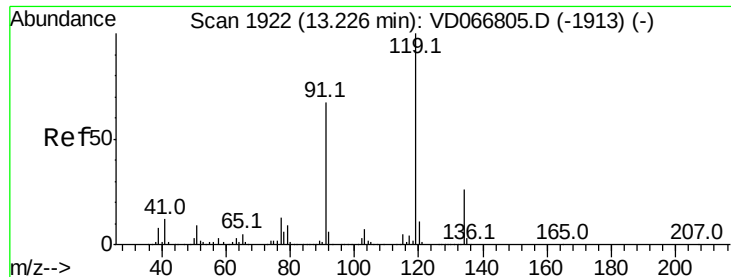
126 35.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.664 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

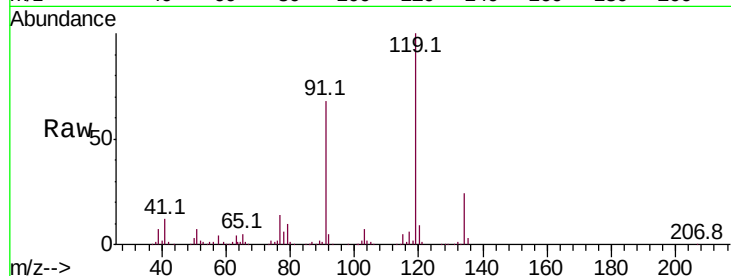
Tot Ion:119 Resp: 301366

Ion Ratio Lower Upper

119 100

91 66.4 33.6 100.8

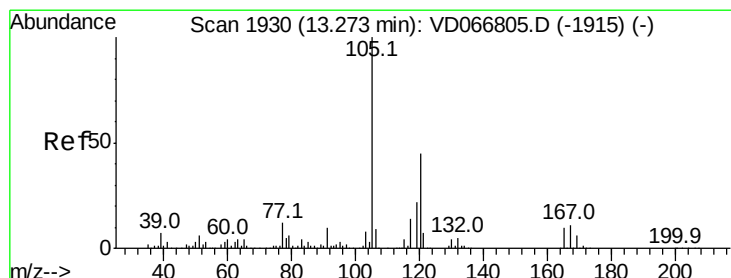
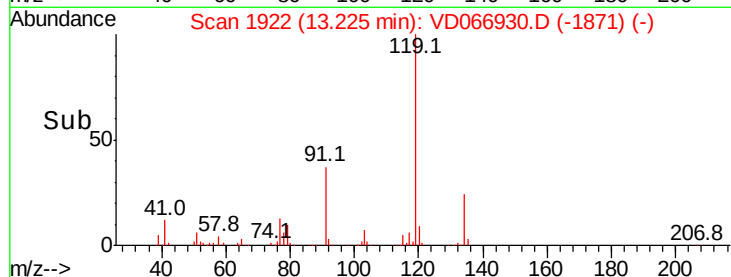
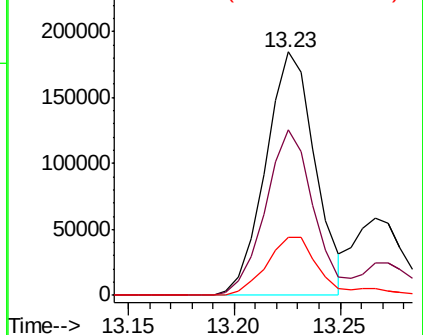
134 26.4 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.527 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066930.D

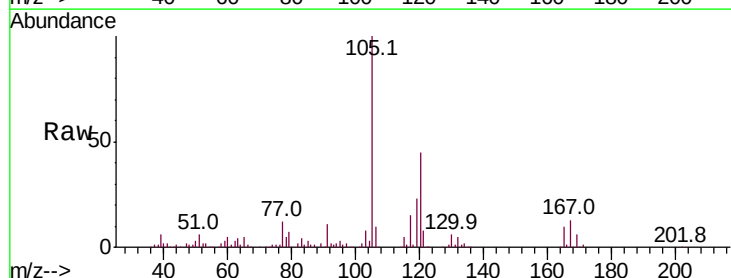
Acq: 29 Sep 2020 11:16

Tgt Ion:105 Resp: 361268

Ion Ratio Lower Upper

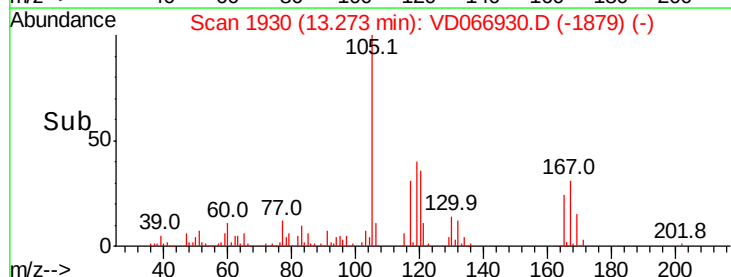
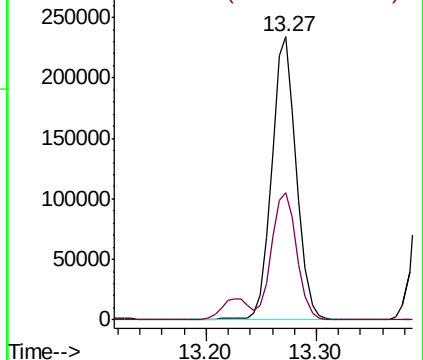
105 100

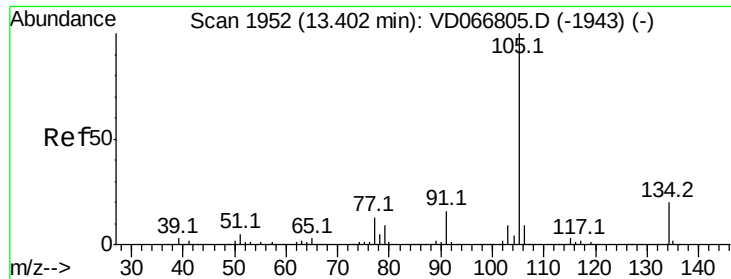
120 46.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.056 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

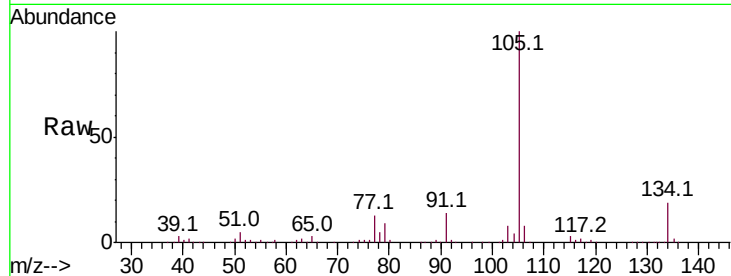
VD0929SBS01

Tot Ion:105 Resp: 441594

Ion Ratio Lower Upper

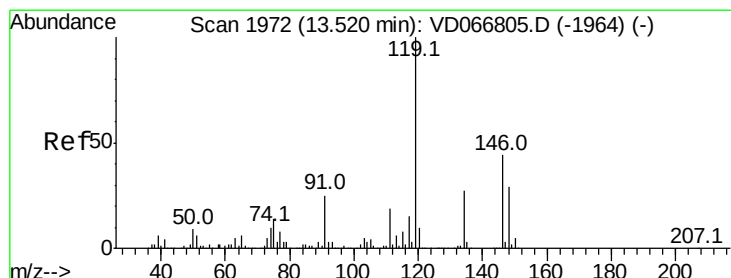
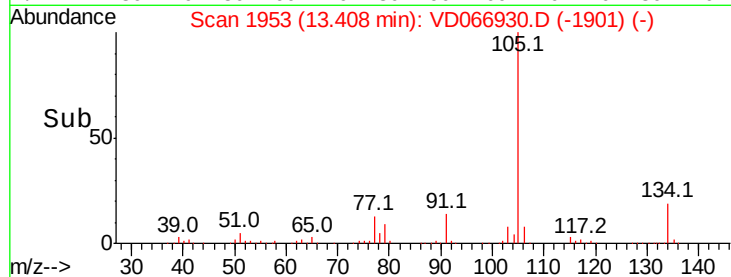
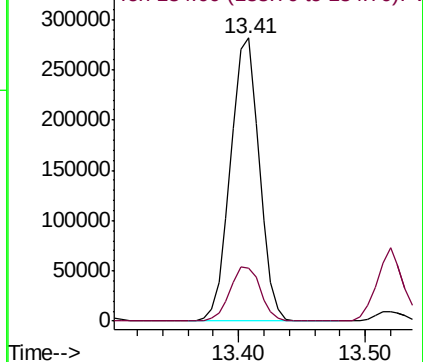
105 100

134 20.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.405 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

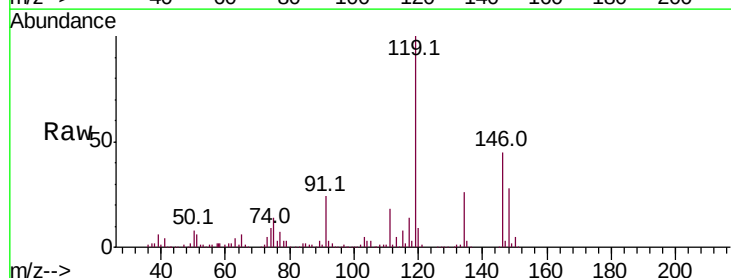
Tgt Ion:119 Resp: 404634

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

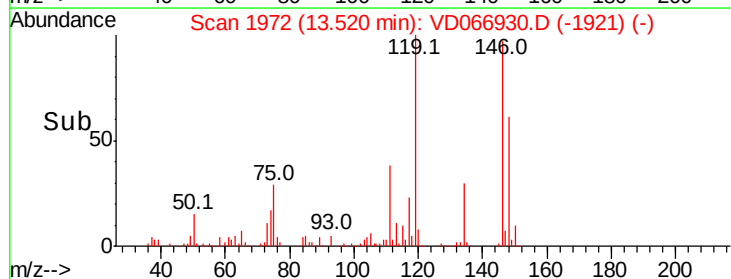
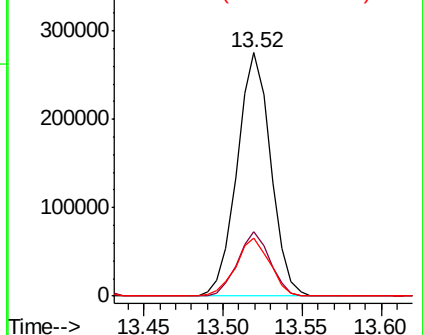
91 24.1 12.0 36.1

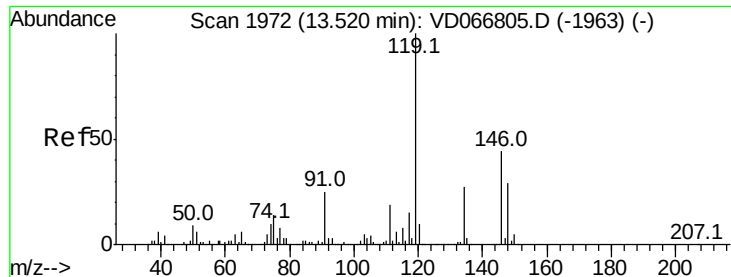


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.666 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

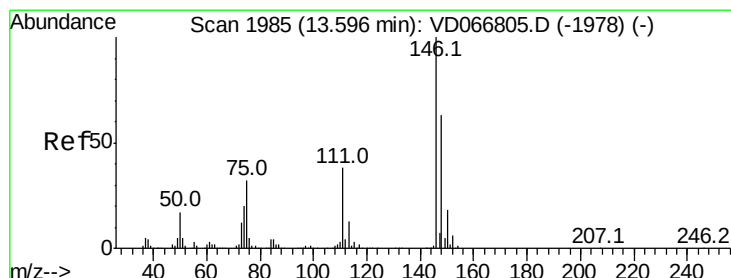
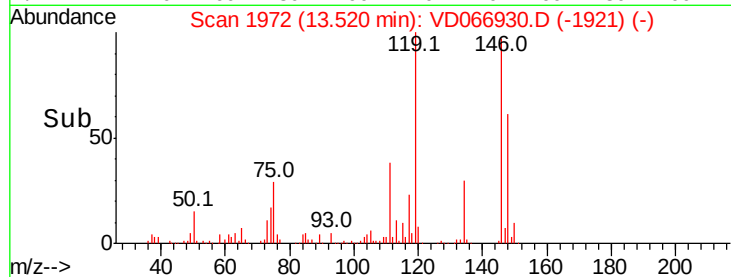
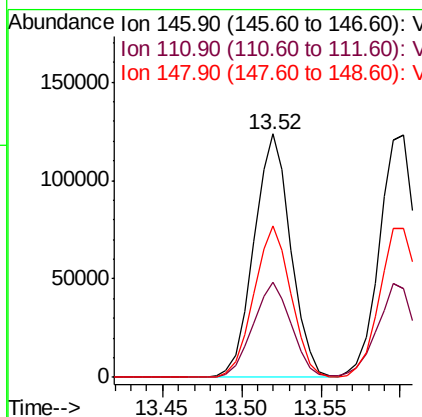
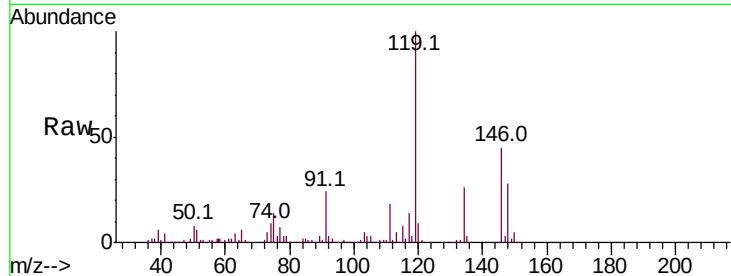
Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion:146 Resp: 199737

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	62.6	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.960 ug/l

RT: 13.60 min Scan# 1986

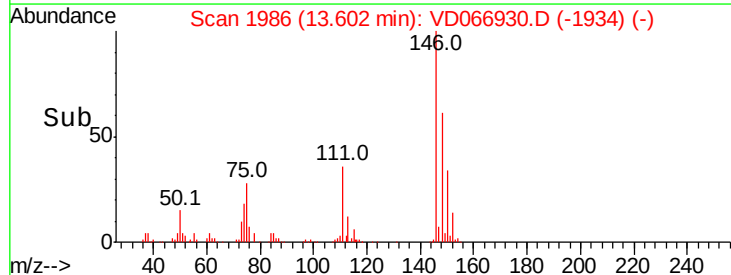
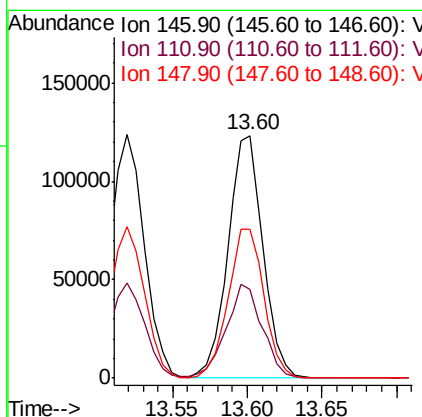
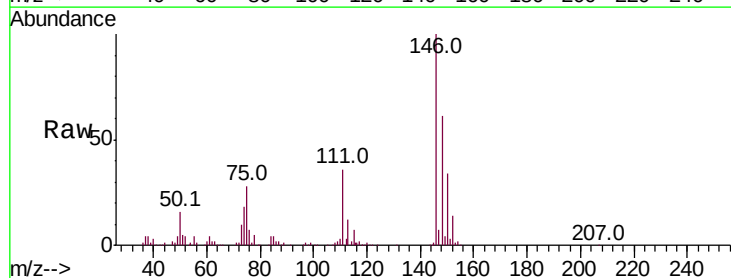
Delta R.T. 0.01 min

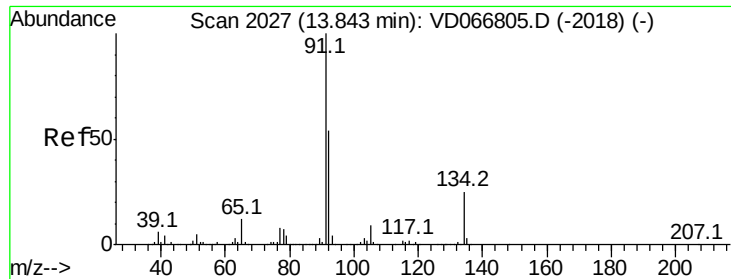
Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:146 Resp: 201198

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	63.2	31.6	94.7

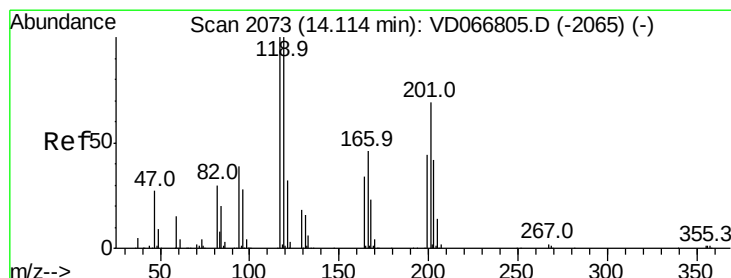
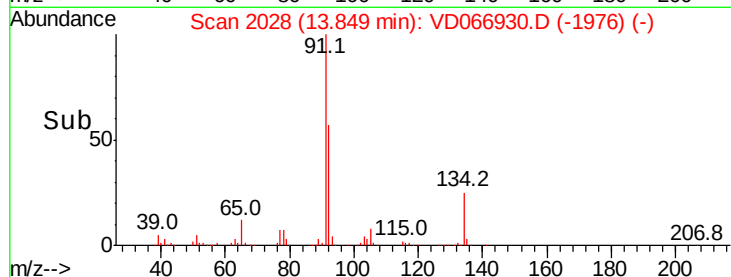
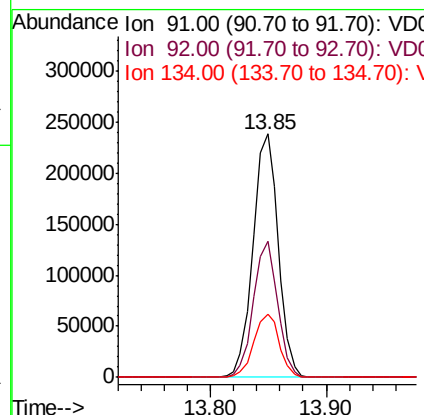
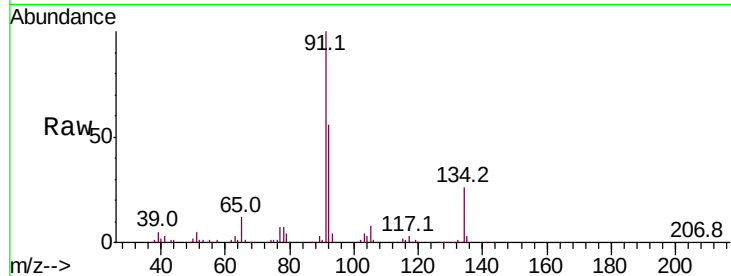




#89
n-Butylbenzene
Concen: 20.184 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

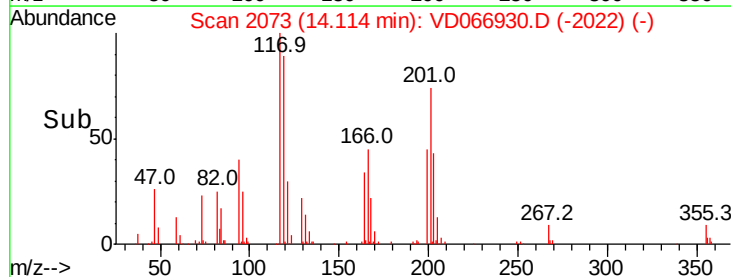
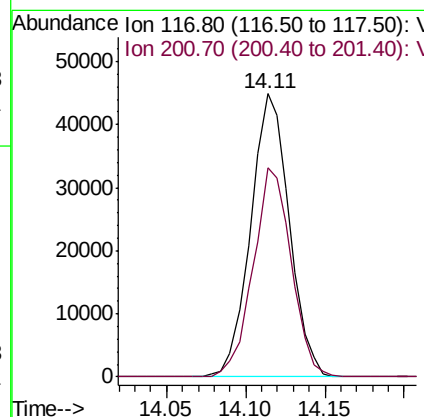
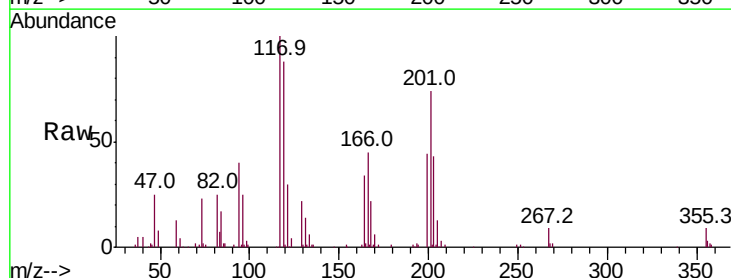
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

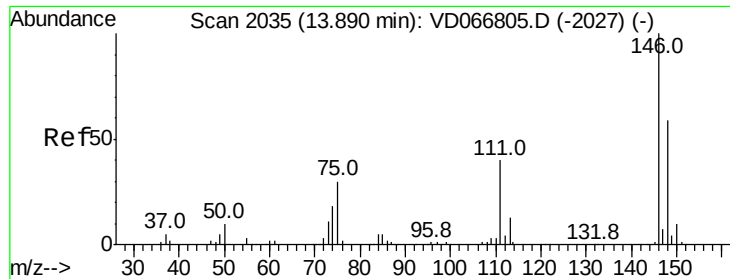
Tot Ion: 91 Resp: 362660
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.0
134 26.3 13.1 39.1



#90
Hexachloroethane
Concen: 19.787 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 117 Resp: 75940
Ion Ratio Lower Upper
117 100
201 73.0 33.7 101.0

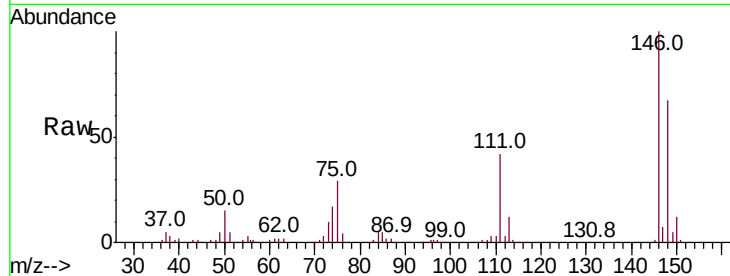




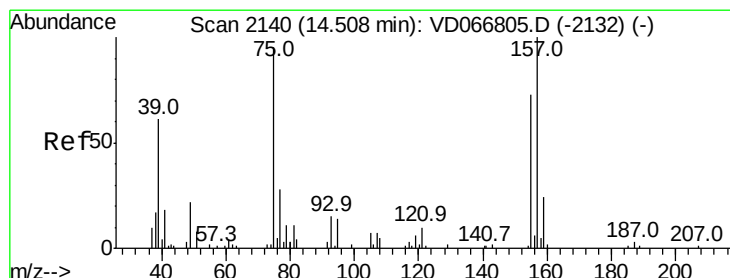
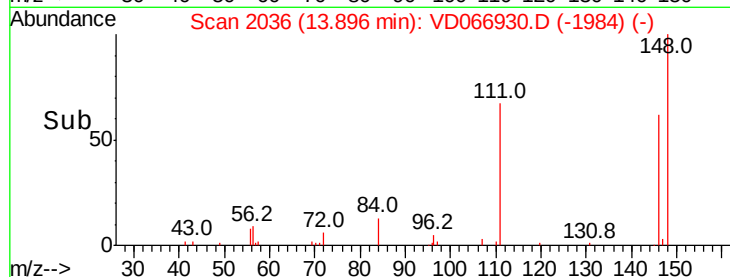
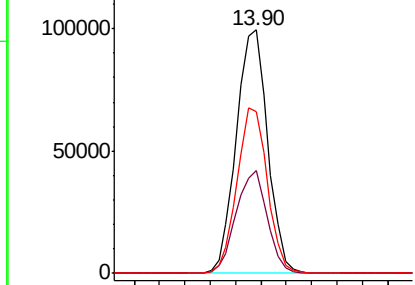
#91
 1,2-Dichlorobenzene
 Concen: 20.673 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	65.7	31.8	95.3

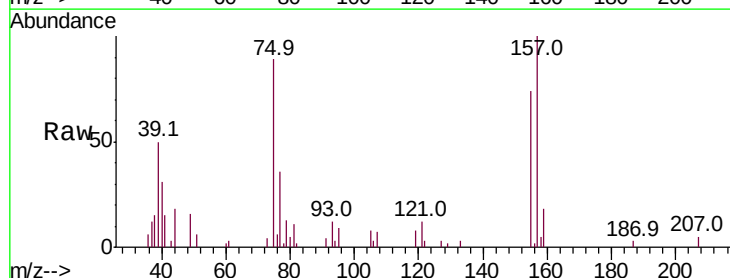


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

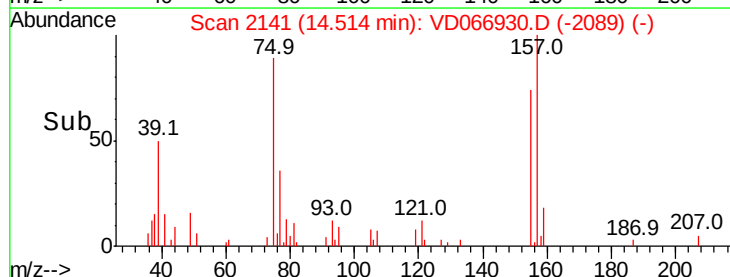
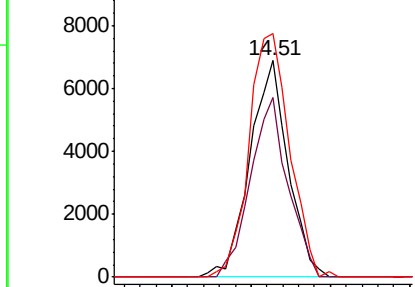


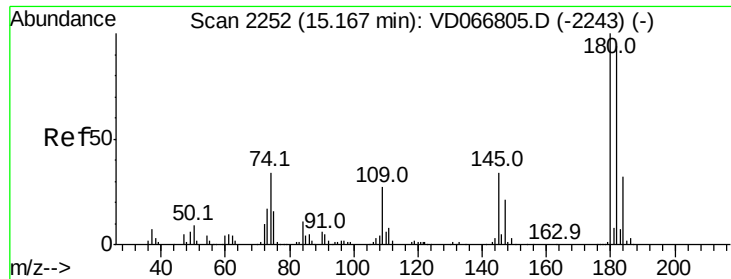
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.910 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.4	121.2
157	119.5	51.3	153.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

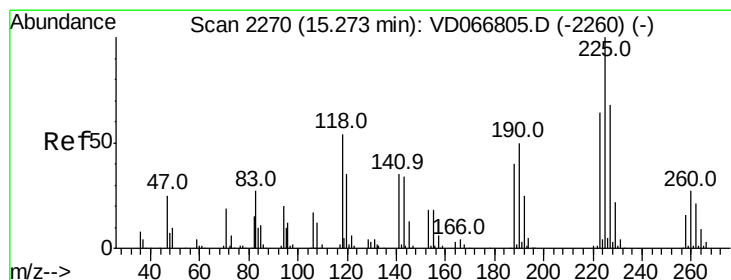
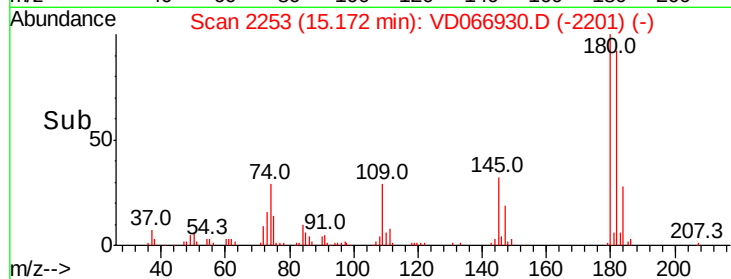
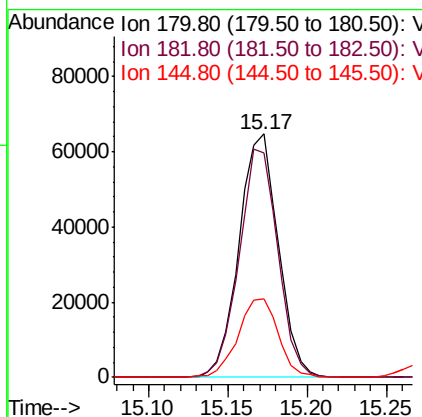
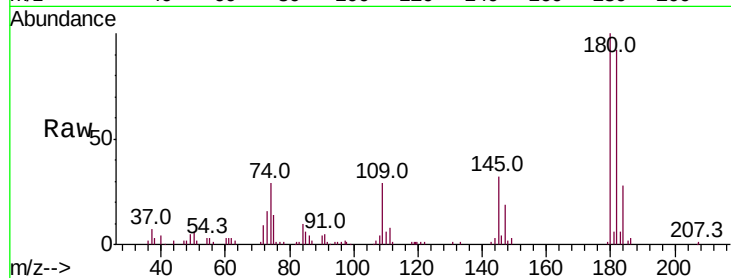




#93
 1,2,4-Trichlorobenzene
 Concen: 21.327 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

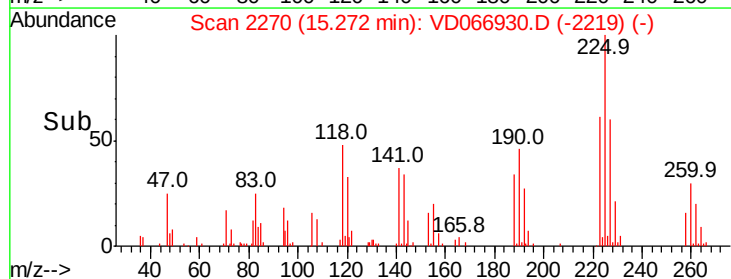
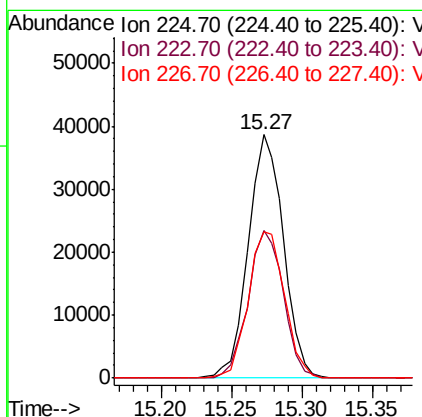
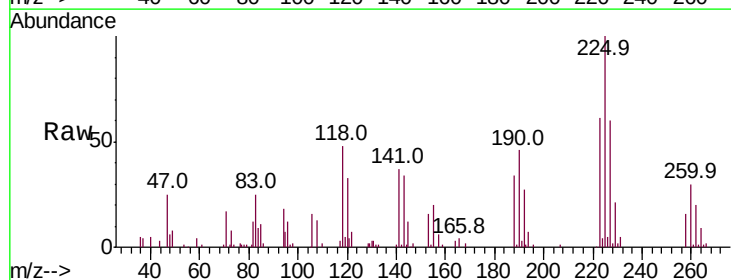
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

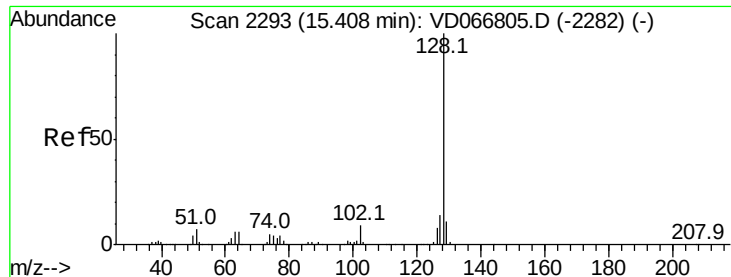
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.8	146.3
145	33.0	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 21.697 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.1	93.3
227	62.0	31.7	95.1

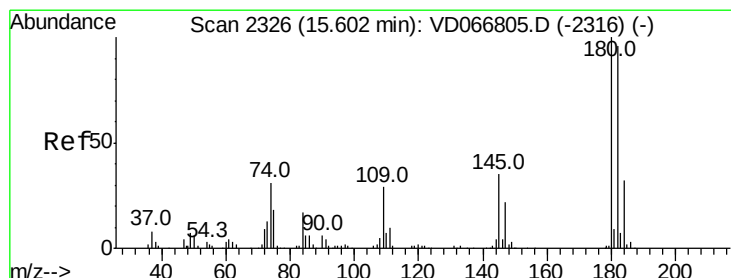
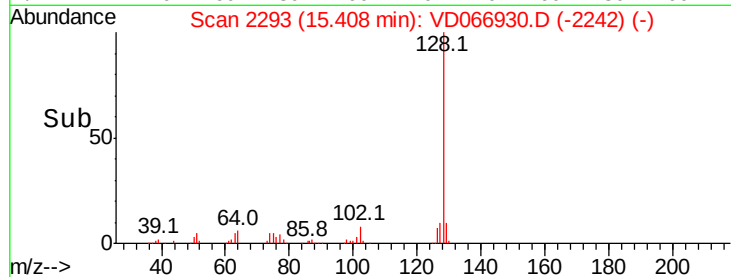
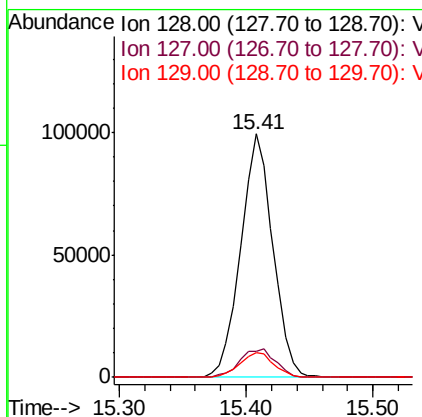
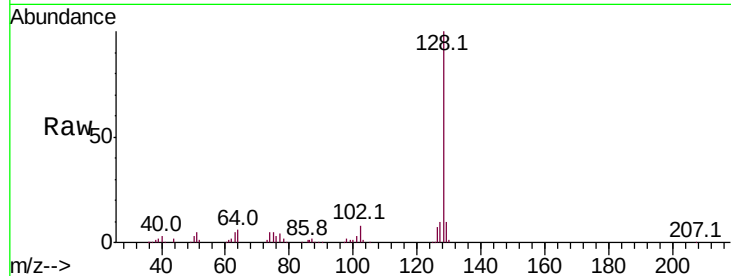




#95
Naphthalene
Concen: 19.757 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion:128 Resp: 174594
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.327 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion:180 Resp: 95817
Ion Ratio Lower Upper
180 100
182 93.7 46.8 140.3
145 35.4 17.0 51.0

