

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067621.D
 Acq On : 12 Nov 2020 14:19
 Operator : VA/SY
 Sample : L4706-01
 Misc : 1.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

Quant Time: Nov 13 00:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	336427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	435566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191834	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	120990	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	
35) Dibromofluoromethane	7.92	113	149134	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	10.35	98	559577	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.64	95	190852	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	458	Below Cal	#	47
11) Tert butyl alcohol	5.22	59	307	Below Cal	#	79
13) Acrolein	3.91	56	56	28.733	ug/l #	15
15) Acrylonitrile	5.48	53	1005	2.231	ug/l #	21
16) Acetone	4.15	43	806199	1831.410	ug/l	96
20) Methylene Chloride	4.97	84	22143	7.121	ug/l	93
25) 2-Butanone	7.22	43	12663	26.921	ug/l #	42
29) Tetrahydrofuran	7.74	42	14346	50.917	ug/l #	1
31) Cyclohexane	7.96	56	1113645	261.019	ug/l #	48
37) Ethyl Acetate	7.22	43	12663	11.253	ug/l #	74
38) Carbon Tetrachloride	7.99	117	33740	5.991	ug/l #	14
39) Methylcyclohexane	9.36	83	644770	126.388	ug/l	93
40) Benzene	8.36	78	78638	6.698	ug/l	95
41) Methacrylonitrile	7.73	41	89456	132.992	ug/l #	45
43) Isopropyl Acetate	8.46	43	485308	218.068	ug/l #	44
45) 1,2-Dichloropropane	9.36	63	10518	4.143	ug/l #	1
47) Bromodichloromethane	9.54	83	19304	4.400	ug/l #	27
48) Methyl methacrylate	9.41	41	82013	71.374	ug/l #	25
51) 4-Methyl-2-Pentanone	10.13	43	121518	114.172	ug/l #	38
53) t-1,3-Dichloropropene	10.42	75	926275	246.532	ug/l #	1
55) 1,1,2-Trichloroethane	10.78	97	17617	8.249	ug/l #	28
59) 2-Hexanone	10.96	43	9285	12.477	ug/l #	21
67) Ethyl Benzene	11.75	91	3509646	244.451	ug/l	99
68) m/p-Xylenes	11.86	106	5884077	1053.434	ug/l	95
69) o-Xylene	12.18	106	2229988	447.163	ug/l	99
70) Styrene	12.18	104	117472	13.518	ug/l #	1
73) Isopropylbenzene	12.48	105	466460	37.624	ug/l	99
74) N-amyl acetate	12.27	43	12587	7.716	ug/l #	58
76) 1,2,3-Trichloropropane	12.83	75	11196	9.675	ug/l #	100
78) n-propylbenzene	12.83	91	1540300	108.617	ug/l	100
79) 2-Chlorotoluene	12.88	91	578232	71.781	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	1378733	130.181	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.49	75	5159	9.051	ug/l #	59
82) 4-Chlorotoluene	12.97	91	148333	17.169	ug/l #	39

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067621.D
 Acq On : 12 Nov 2020 14:19
 Operator : VA/SY
 Sample : L4706-01
 Misc : 1.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

Quant Time: Nov 13 00:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

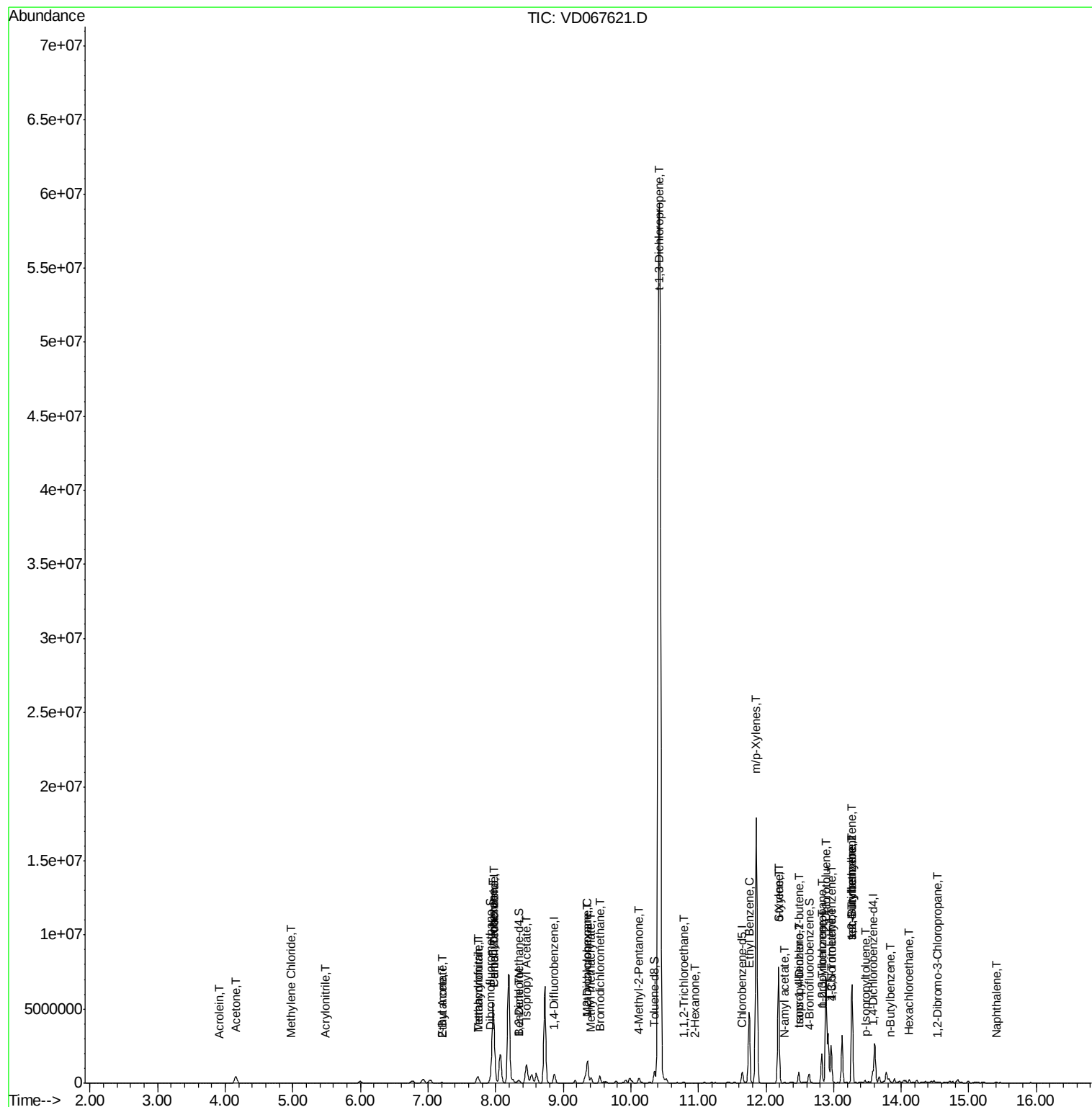
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.27	119	464931	51.798	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.27	105	3797922	360.256	ug/l	98
85) sec-Butylbenzene	13.27	105	3797922	313.438	ug/l #	55
86) p-Isopropyltoluene	13.47	119	65905	5.632	ug/l	96
89) n-Butylbenzene	13.85	91	28341	2.804	ug/l #	74
90) Hexachloroethane	14.12	117	10124	4.595	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.53	75	534	1.784	ug/l #	1
95) Naphthalene	15.40	128	59739	11.343	ug/l	97

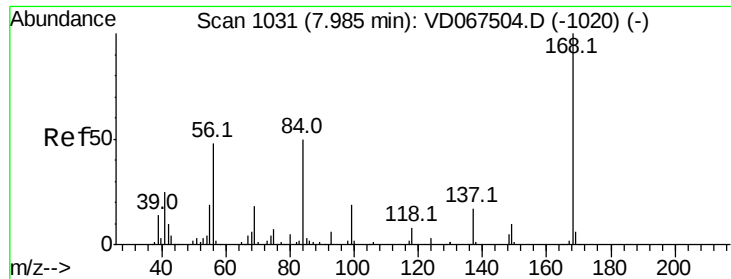
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067621.D
Acq On : 12 Nov 2020 14:19
Operator : VA/SY
Sample : L4706-01
Misc : 1.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

Quant Time: Nov 13 00:30:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

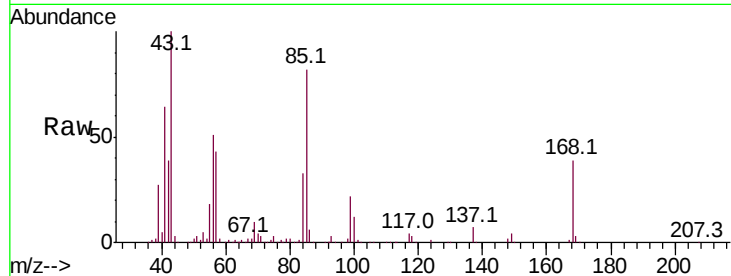
COMP-30706-30707-40854

Tot Ion:168 Resp: 336427

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

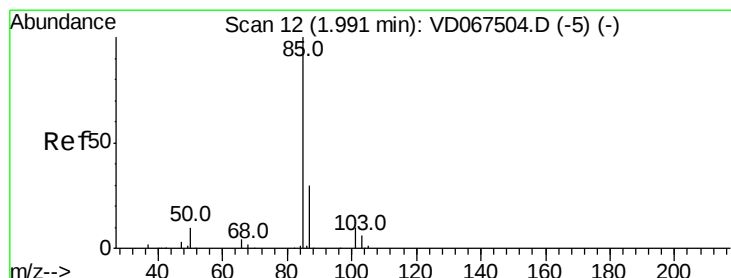
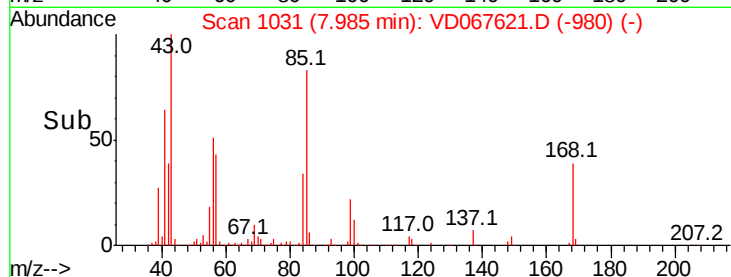
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067621.D

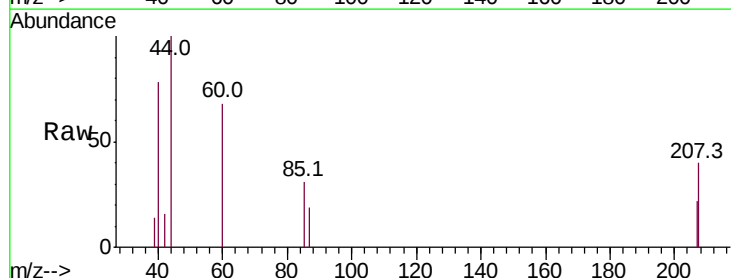
Acq: 12 Nov 2020 14:19

Tgt Ion: 85 Resp: 458

Ion Ratio Lower Upper

85 100

87 59.3 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

400

300

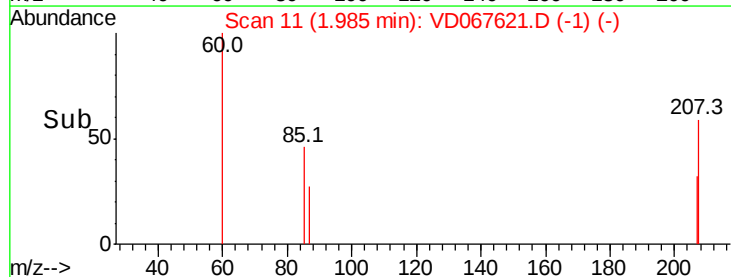
200

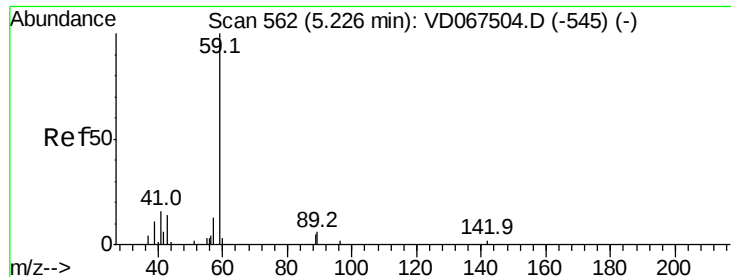
100

0

1.96 1.98 2.00 2.02

Time-->



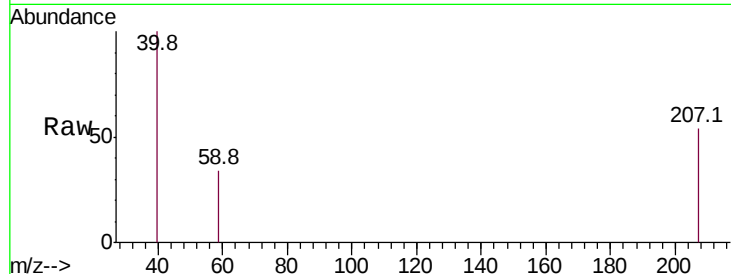


#11

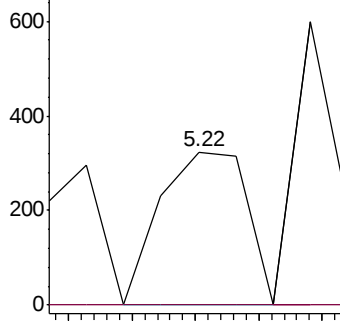
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

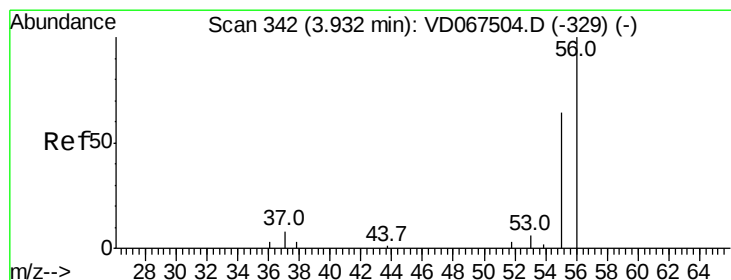
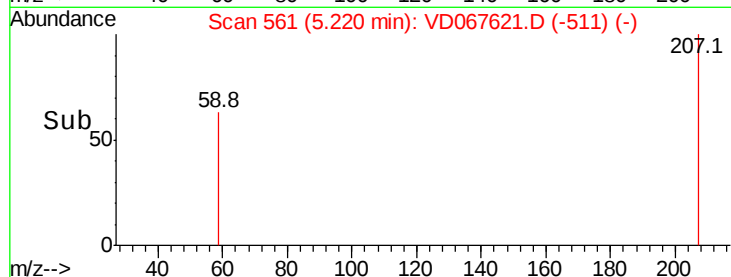
Tot Ion: 59 Resp: 307
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



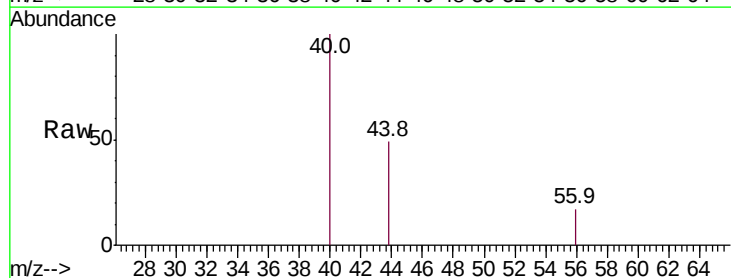
Time-->



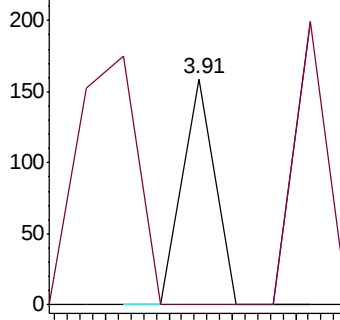
#13

Acrolein
 Concen: 28.733 ug/l
 RT: 3.91 min Scan# 339
 Delta R.T. -0.02 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

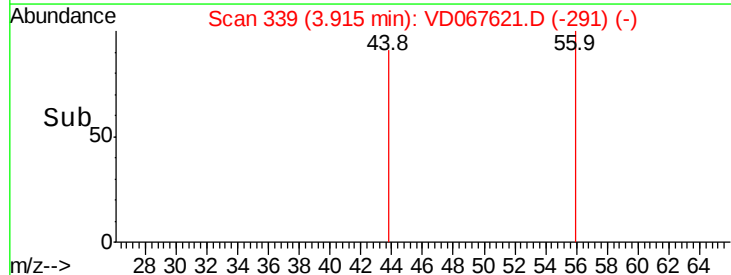
Tgt Ion: 56 Resp: 56
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.8 83.8#

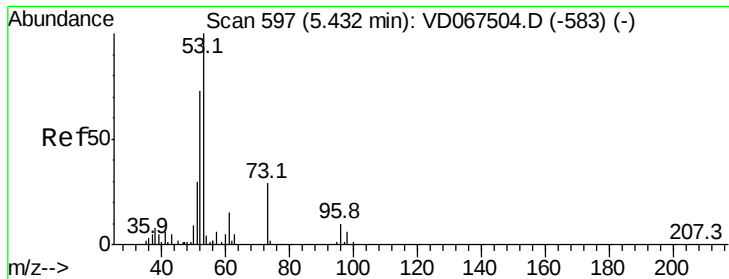


Abundance Ion 56.00 (55.70 to 56.70): VDC
 Ion 55.00 (54.70 to 55.70): VDC



Time-->





#15

Acrylonitrile

Concen: 2.231 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.05 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

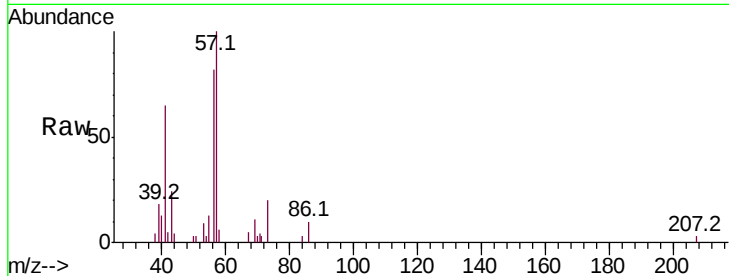
Tot Ion: 53 Resp: 1005

Ion Ratio Lower Upper

53 100

52 0.0 64.8 97.2#

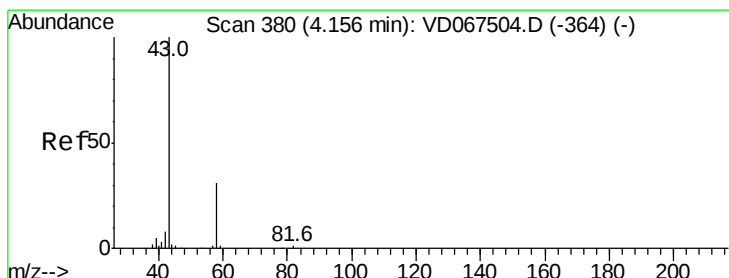
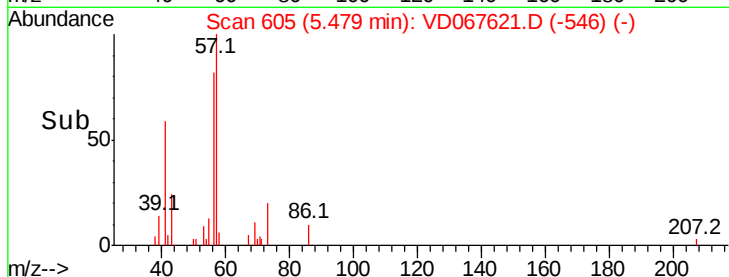
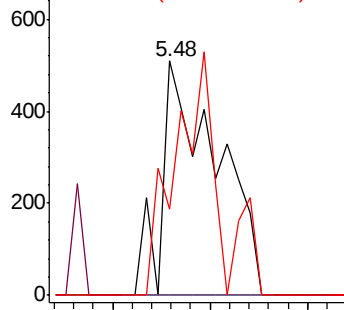
51 68.3 29.5 44.3#



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: 1831.410 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067621.D

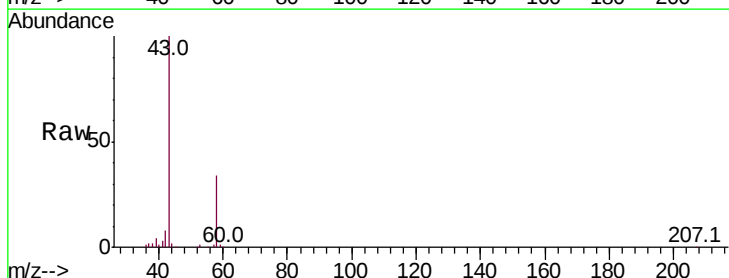
Acq: 12 Nov 2020 14:19

Tgt Ion: 43 Resp: 806199

Ion Ratio Lower Upper

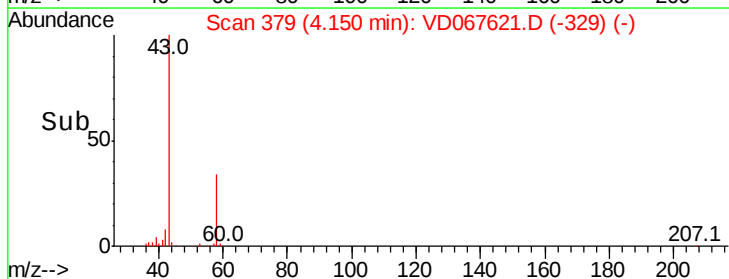
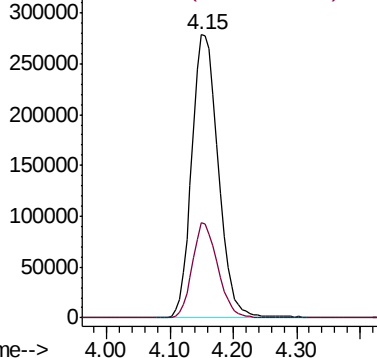
43 100

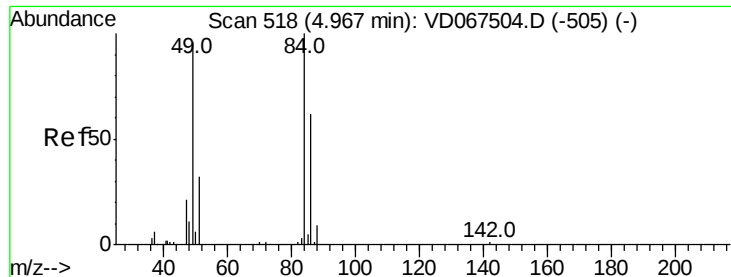
58 33.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

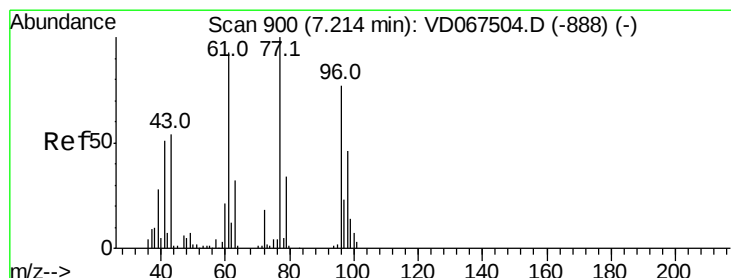
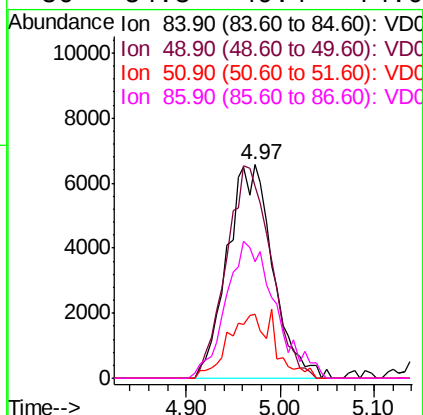
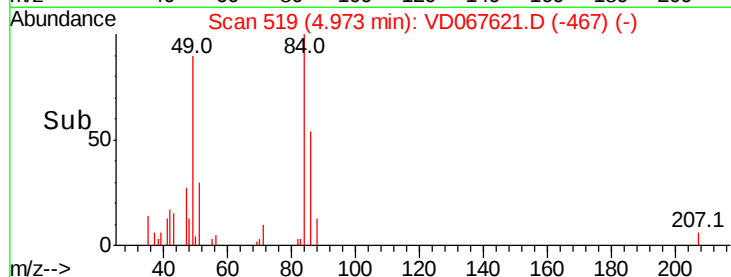
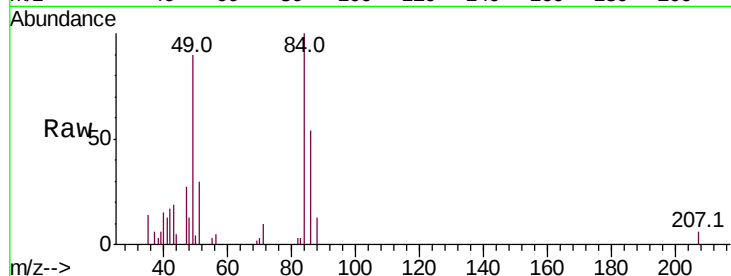




#20
Methvlene Chloride
Concen: 7.121 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

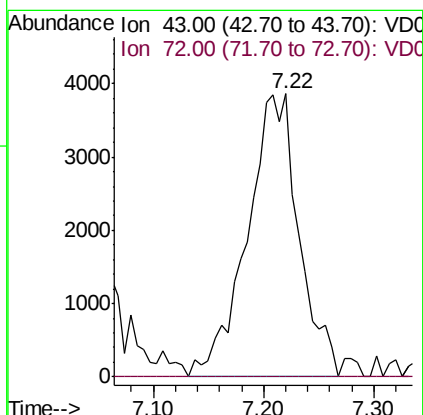
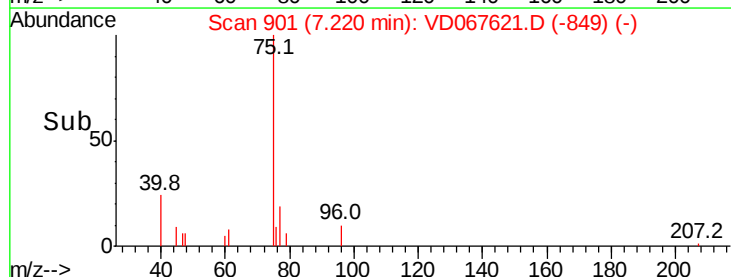
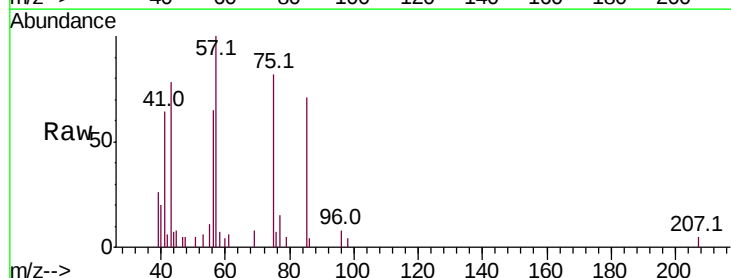
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

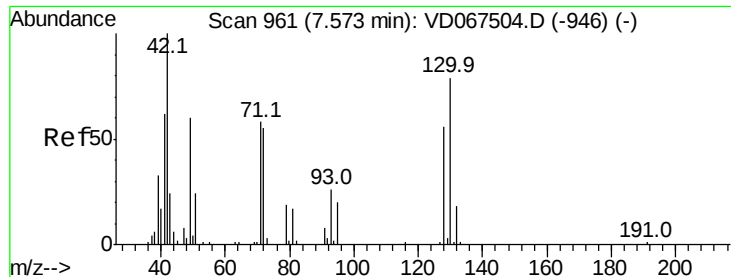
Tot Ion:	84	Resp:	22143
Ion	Ratio	Lower	Upper
84	100		
49	89.7	77.0	115.4
51	29.8	25.4	38.2
86	54.3	49.4	74.0



#25
2-Butanone
Concen: 26.921 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion:	43	Resp:	12663
Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.4	39.6#

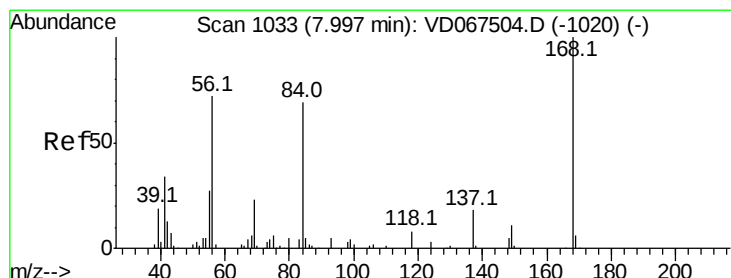
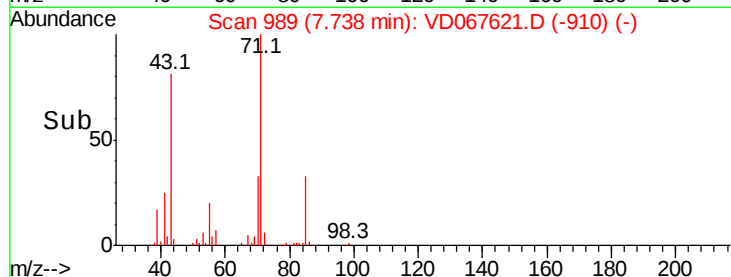
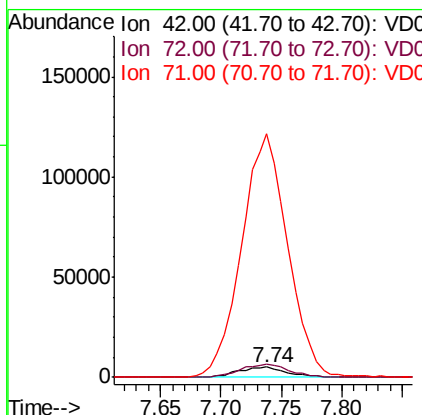
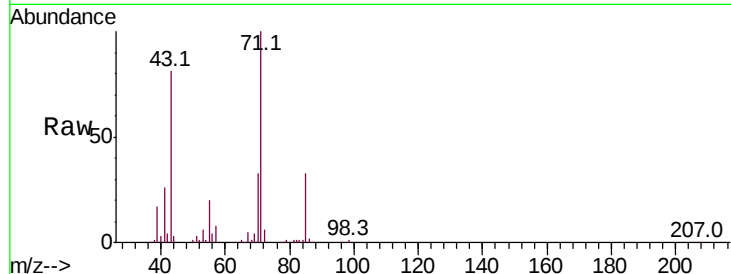




#29
Tetrahydrofuran
Concen: 50.917 ug/l
RT: 7.74 min Scan# 989
Delta R.T. 0.16 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

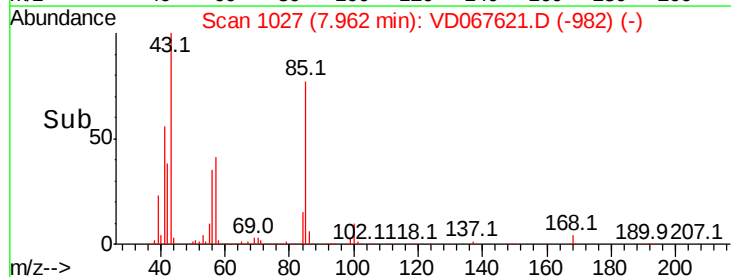
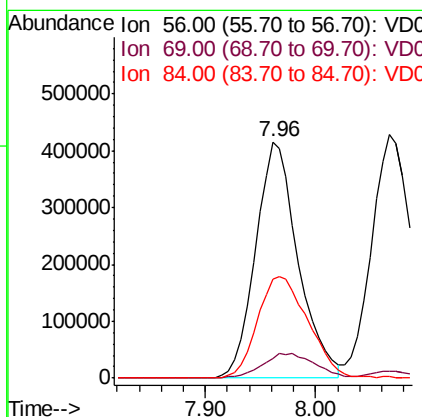
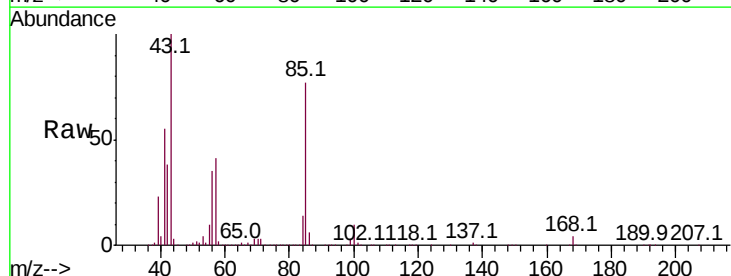
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

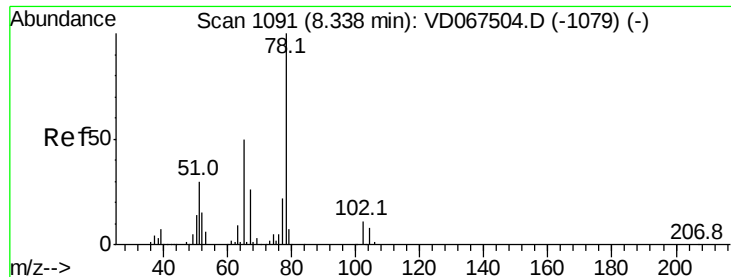
Tot Ion: 42 Resp: 14346
Ion Ratio Lower Upper
42 100
72 128.4 46.3 69.5#
71 2252.0 44.0 66.0#



#31
Cyclohexane
Concen: 261.019 ug/l
RT: 7.96 min Scan# 1027
Delta R.T. -0.04 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 56 Resp: 1113645
Ion Ratio Lower Upper
56 100
69 8.1 25.9 38.9#
84 41.7 76.2 114.4#





#33

1,2-Dichloroethane-d4

Concen: 41.130 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

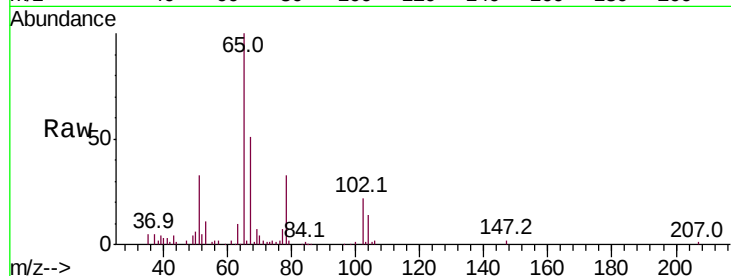
COMP-30706-30707-40854

Tot Ion: 65 Resp: 120990

Ion Ratio Lower Upper

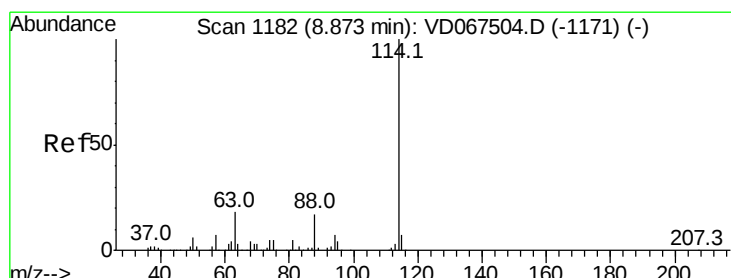
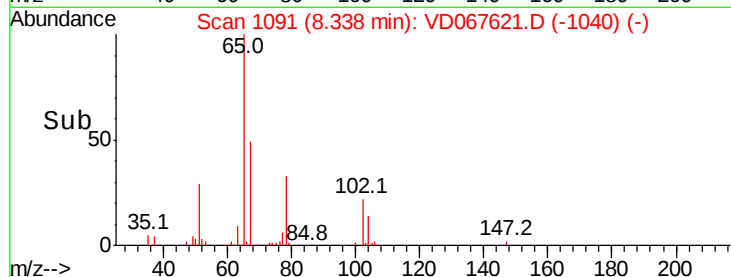
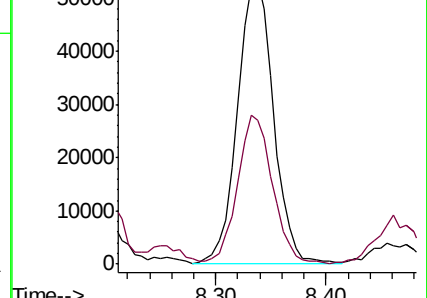
65 100

67 50.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

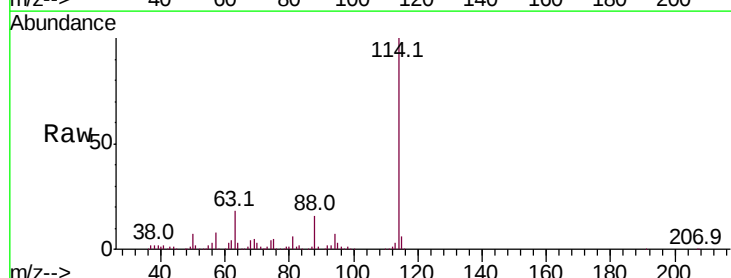
Tgt Ion: 114 Resp: 506367

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

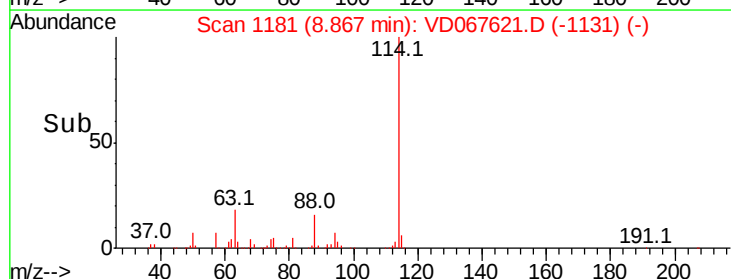
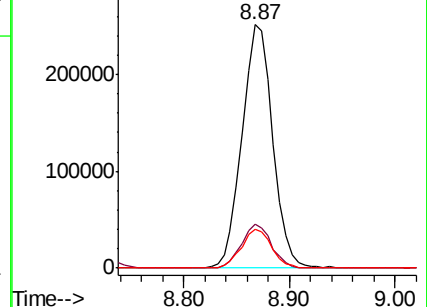
88 15.9 0.0 33.0

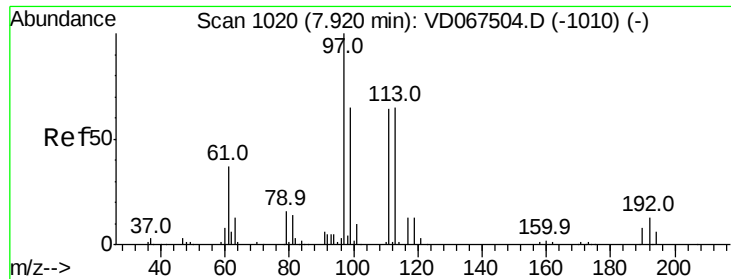


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

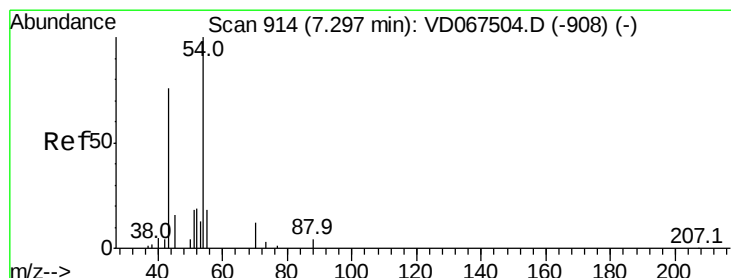
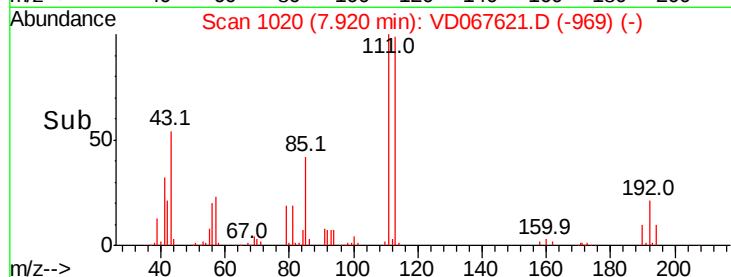
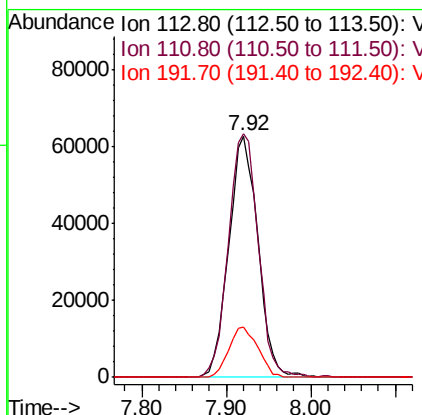
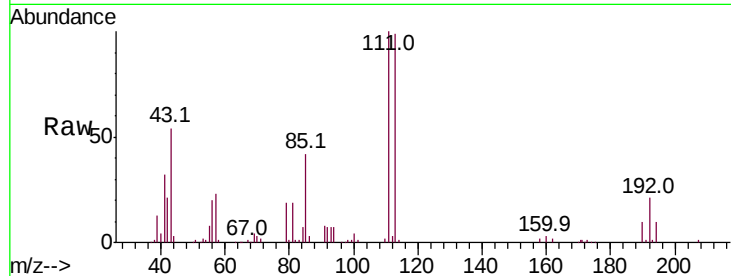




#35
 Dibromofluoromethane
 Concen: 48.883 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

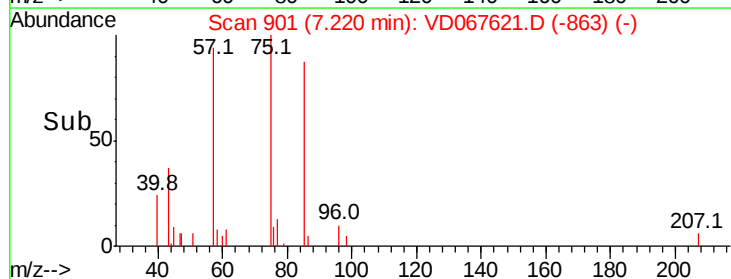
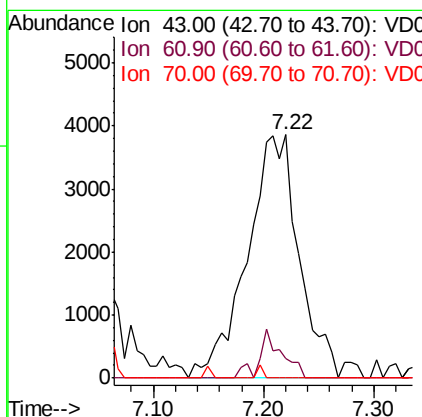
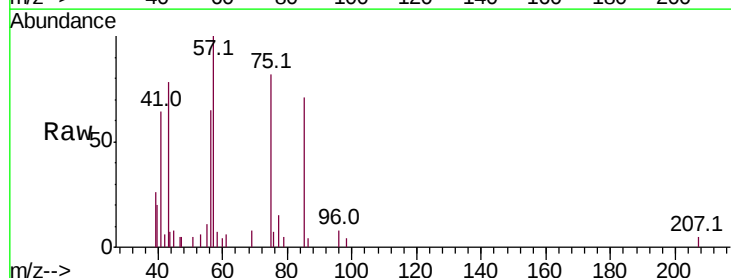
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

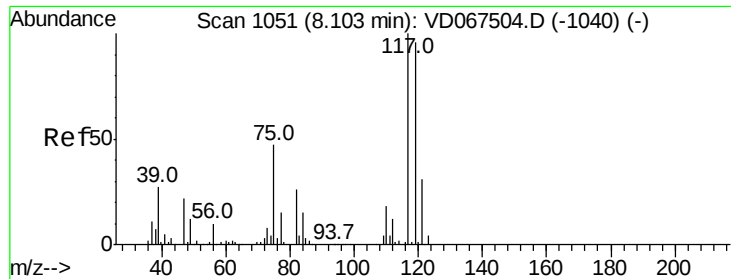
Tot Ion:113 Resp: 149134
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.0 120.0
 192 21.0 16.3 24.5



#37
 Ethyl Acetate
 Concen: 11.253 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. -0.08 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Tgt Ion: 43 Resp: 12663
 Ion Ratio Lower Upper
 43 100
 61 8.9 12.8 19.2#
 70 0.0 11.7 17.5#





#38

Carbon Tetrachloride

Concen: 5.991 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

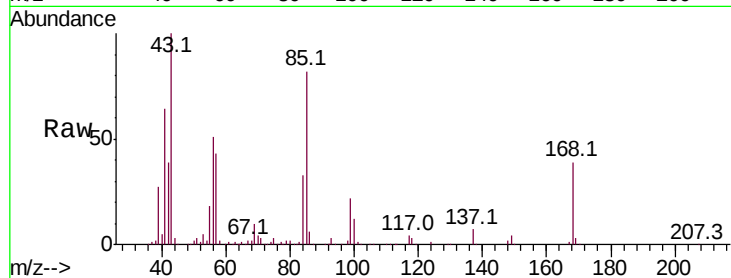
Tot Ion:117 Resp: 33740

Ion Ratio Lower Upper

117 100

119 3.1 76.9 115.3#

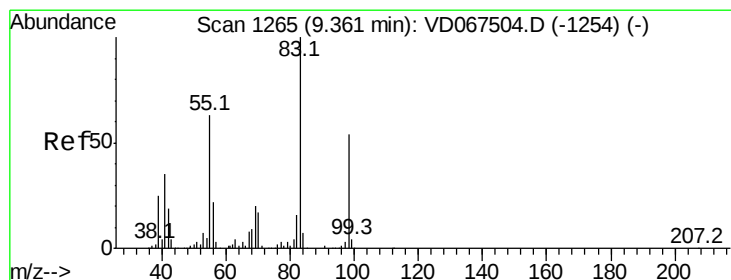
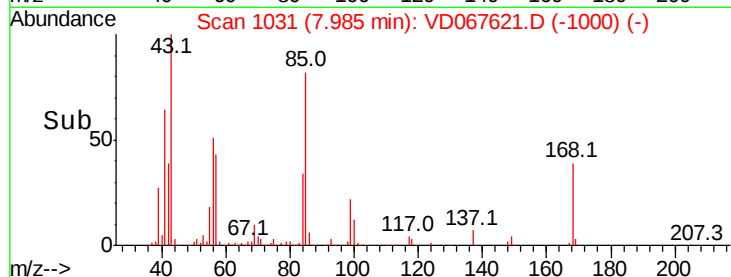
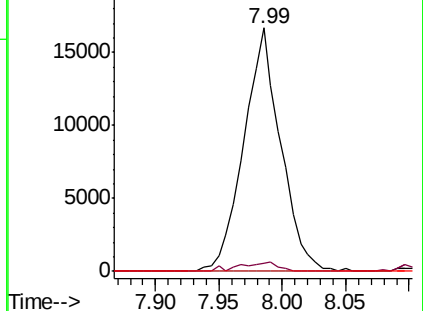
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 126.388 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

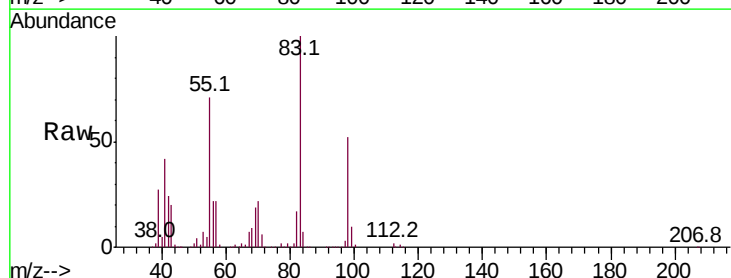
Tgt Ion: 83 Resp: 644770

Ion Ratio Lower Upper

83 100

55 70.6 50.5 75.7

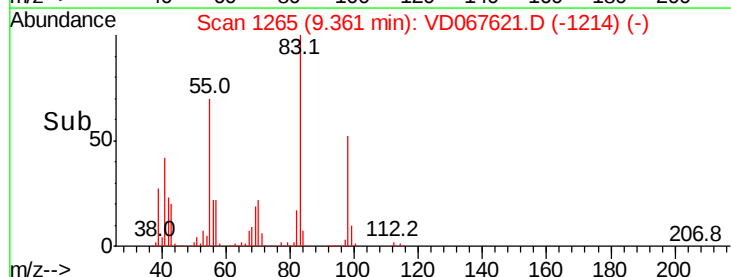
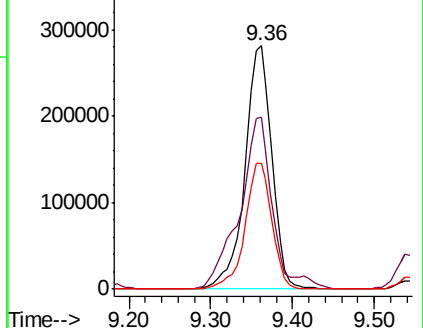
98 51.9 43.4 65.0

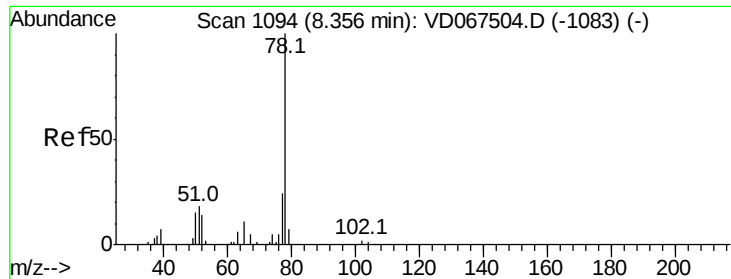


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#40

Benzene

Concen: 6.698 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

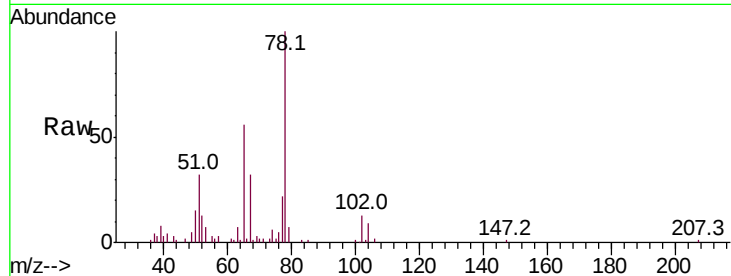
COMP-30706-30707-40854

Tot Ion: 78 Resp: 78638

Ion Ratio Lower Upper

78 100

77 21.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

8.36

40000

30000

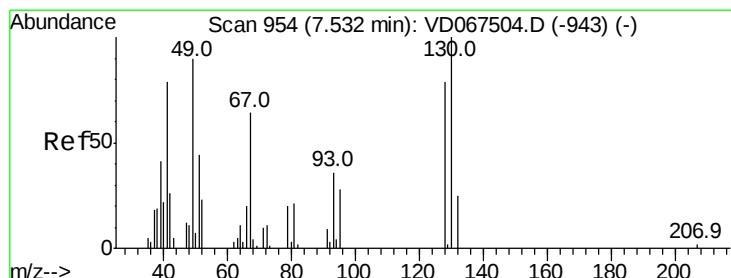
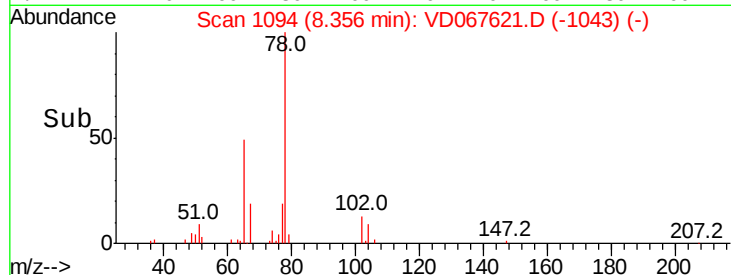
20000

10000

0

8.25 8.30 8.35 8.40 8.45

Time-->



#41

Methacrylonitrile

Concen: 132.992 ug/l

RT: 7.73 min Scan# 988

Delta R.T. 0.20 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Tgt Ion: 41 Resp: 89456

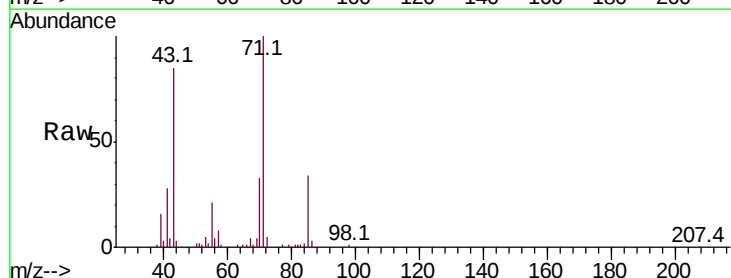
Ion Ratio Lower Upper

41 100

39 55.6 51.3 76.9

67 16.4 78.9 118.3#

52 4.0 31.4 47.2#



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

7.73

50000

40000

30000

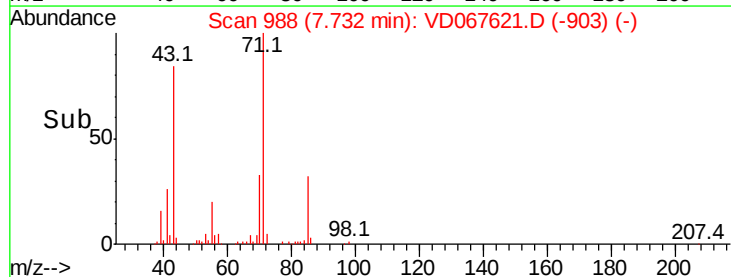
20000

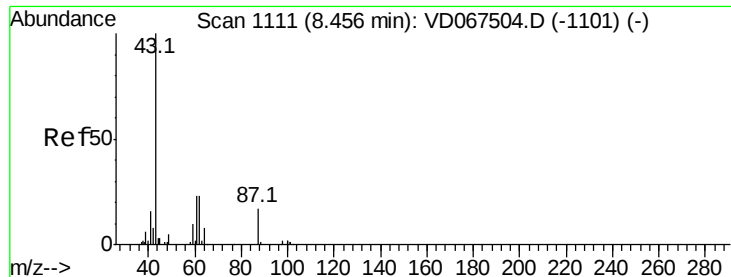
10000

0

7.60 7.70 7.80

Time-->





#43

Isopropyl Acetate

Concen: 218.068 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

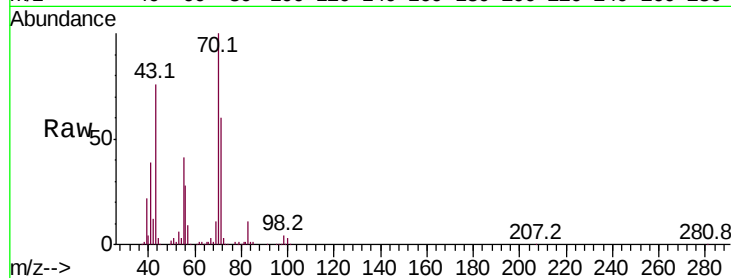
Tot Ion: 43 Resp: 485308

Ion Ratio Lower Upper

43 100

61 0.1 30.5 45.7#

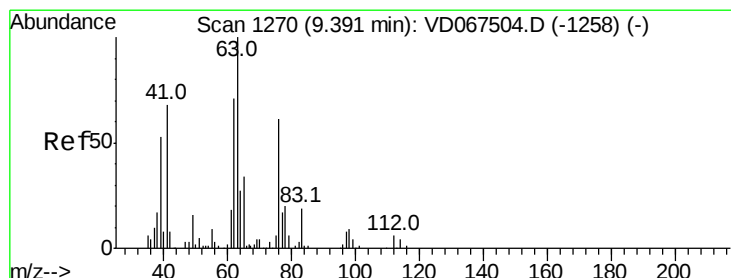
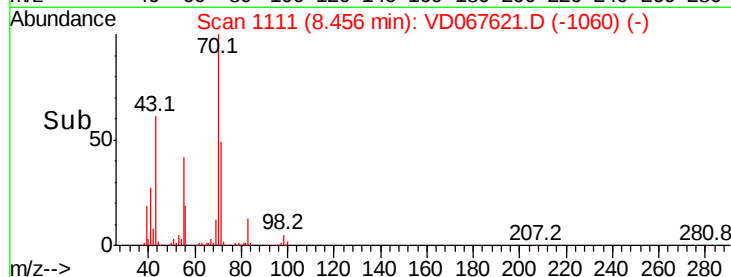
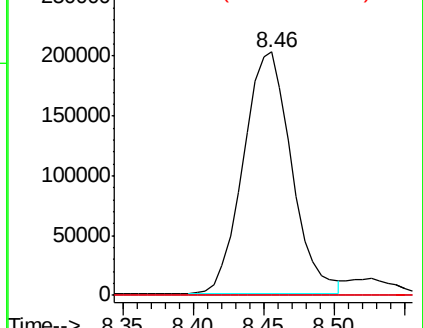
87 0.0 14.7 22.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#45

1,2-Dichloropropane

Concen: 4.143 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.04 min

Lab File: VD067621.D

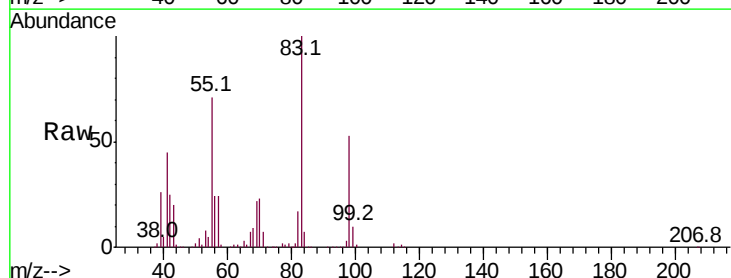
Acq: 12 Nov 2020 14:19

Tgt Ion: 63 Resp: 10518

Ion Ratio Lower Upper

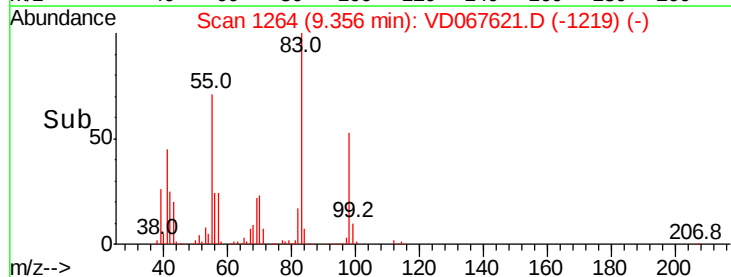
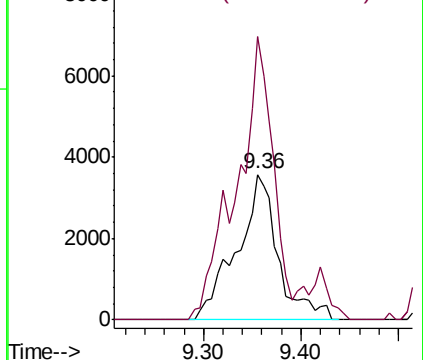
63 100

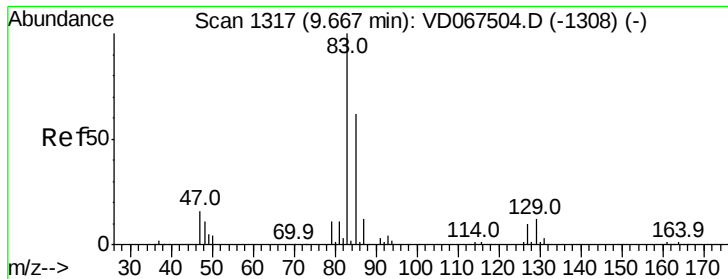
65 195.1 26.9 40.3#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC





#47

Bromodichloromethane

Concen: 4.400 ug/l

RT: 9.54 min Scan# 1295

Delta R.T. -0.13 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

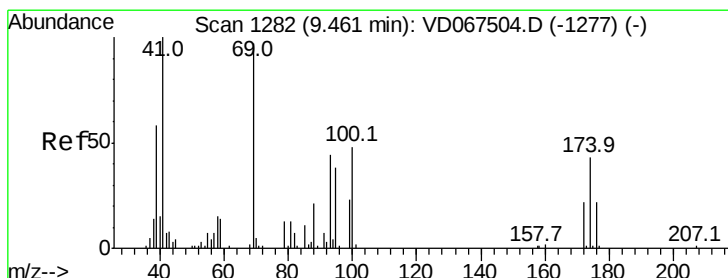
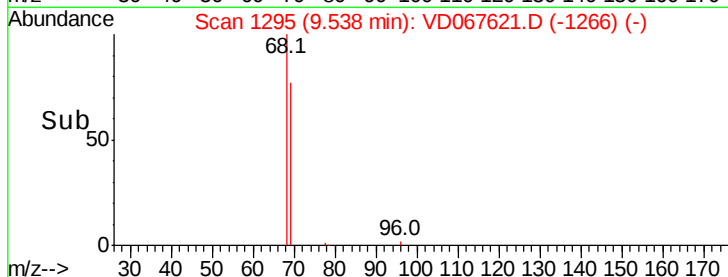
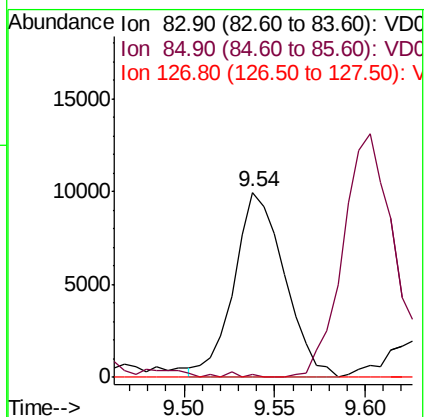
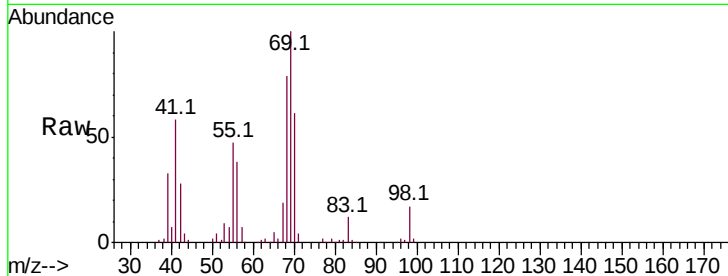
Tot Ion: 83 Resp: 19304

Ion Ratio Lower Upper

83 100

85 0.0 49.4 74.2#

127 0.0 7.7 11.5#



#48

Methyl methacrylate

Concen: 71.374 ug/l

RT: 9.41 min Scan# 1274

Delta R.T. -0.05 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

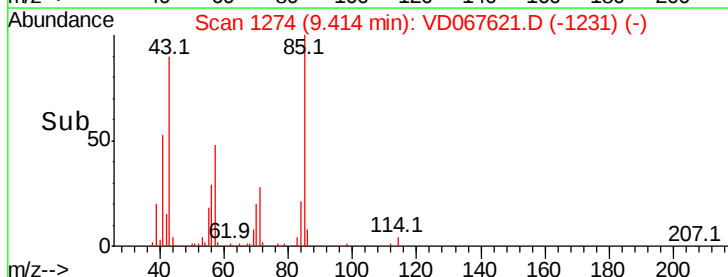
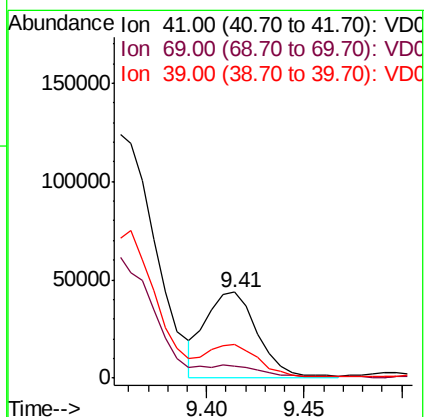
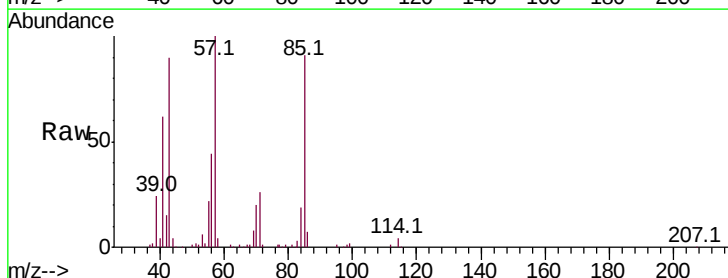
Tgt Ion: 41 Resp: 82013

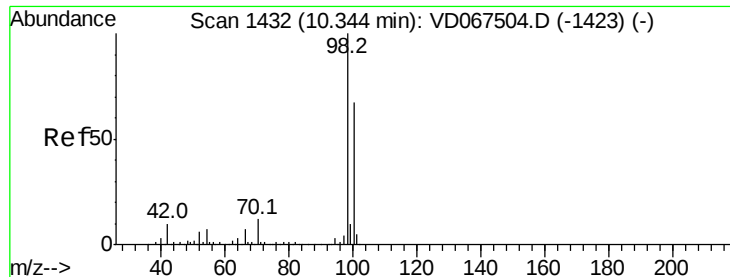
Ion Ratio Lower Upper

41 100

69 0.0 80.6 121.0#

39 36.5 50.2 75.4#

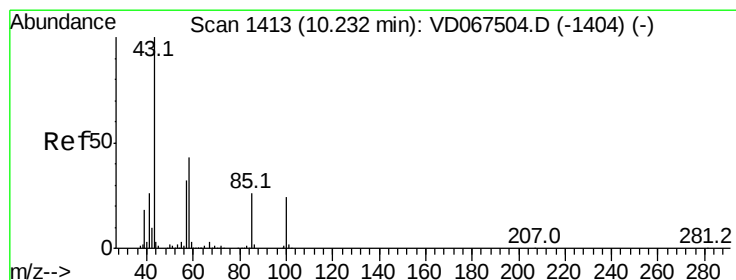
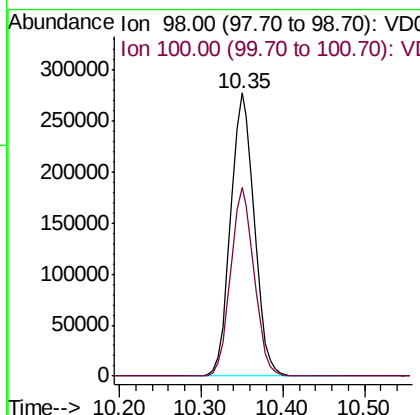
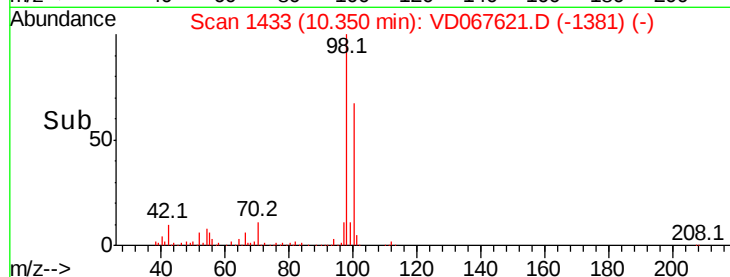
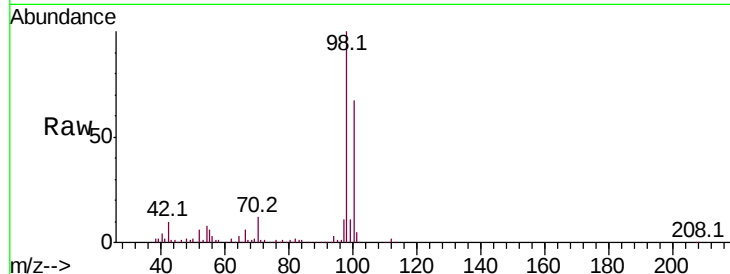




#50
Toluene-d8
Concen: 52.193 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

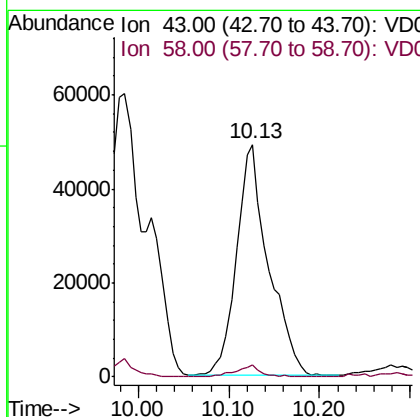
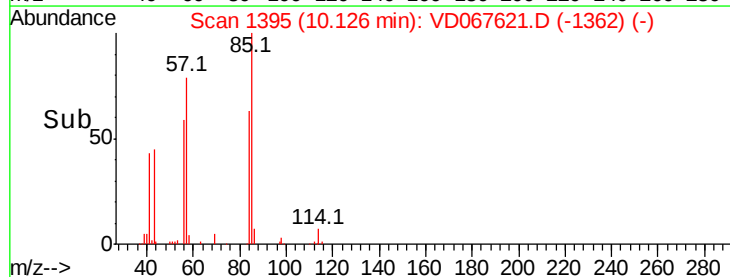
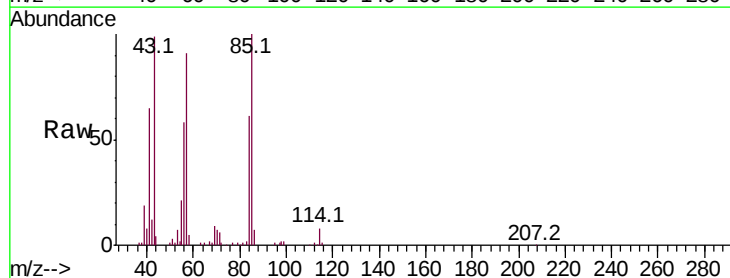
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

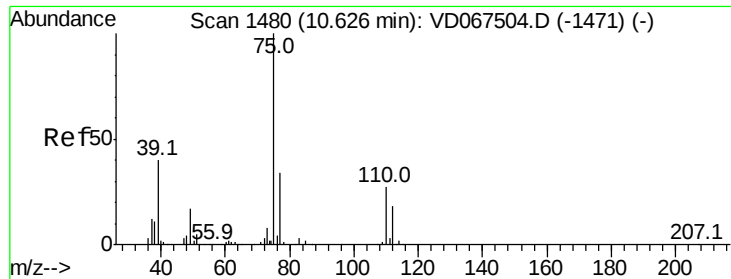
Tot Ion: 98 Resp: 559577
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 114.172 ug/l
RT: 10.13 min Scan# 1395
Delta R.T. -0.11 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 43 Resp: 121518
Ion Ratio Lower Upper
43 100
58 3.9 35.6 53.4#





#53

t-1,3-Dichloropropene

Concen: 246.532 ug/l

RT: 10.42 min Scan# 1445

Delta R.T. -0.21 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

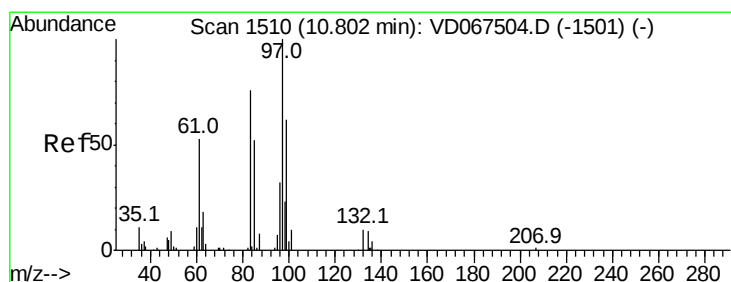
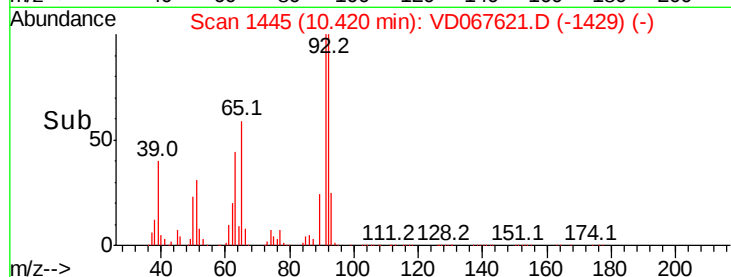
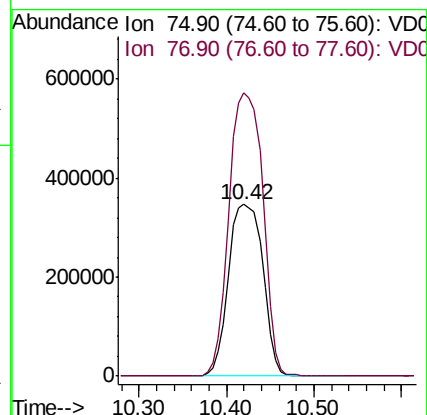
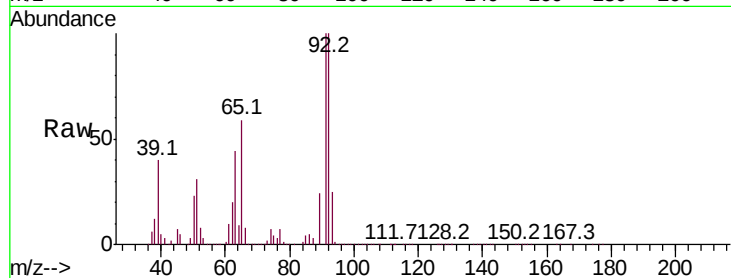
COMP-30706-30707-40854

Tot Ion: 75 Resp: 926275

Ion Ratio Lower Upper

75 100

77 165.0 27.0 40.6#



#55

1,1,2-Trichloroethane

Concen: 8.249 ug/l

RT: 10.78 min Scan# 1507

Delta R.T. -0.02 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Tgt Ion: 97 Resp: 17617

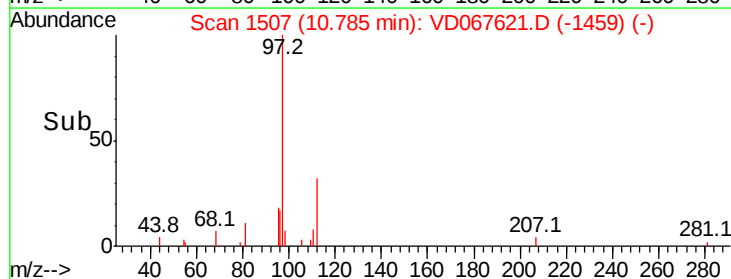
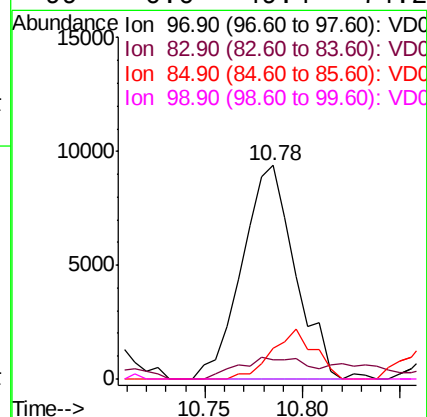
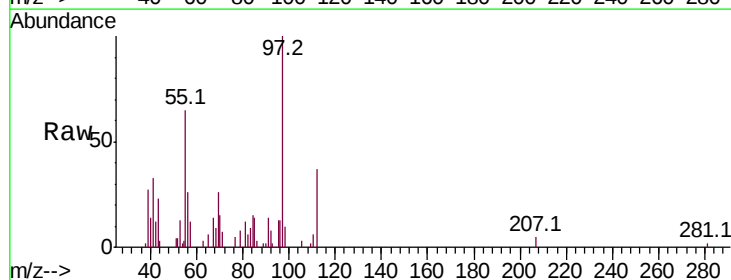
Ion Ratio Lower Upper

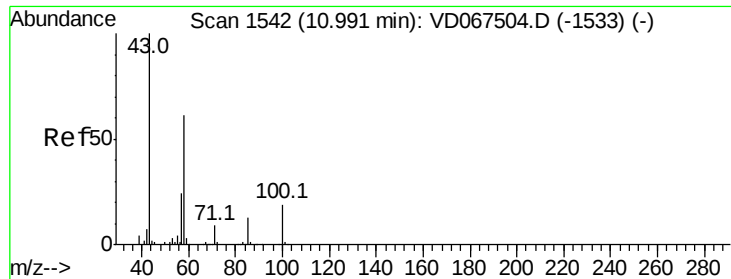
97 100

83 8.8 61.0 91.6#

85 14.4 41.5 62.3#

99 0.0 49.4 74.2#

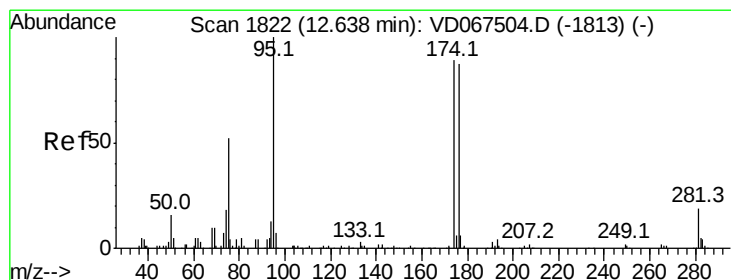
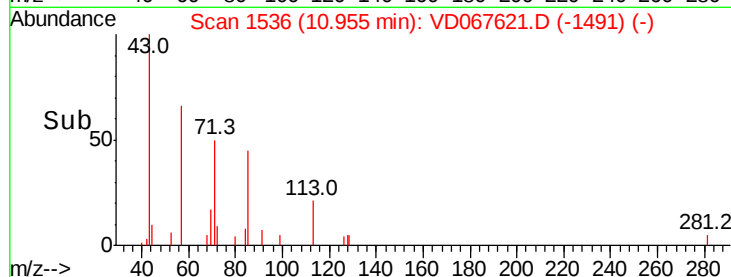
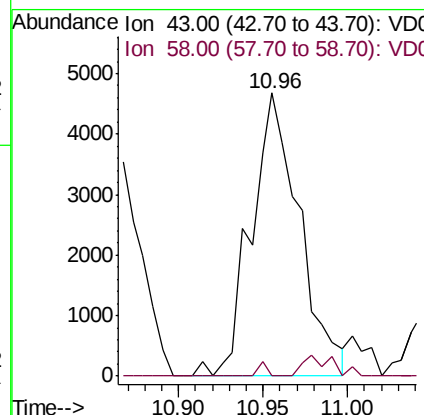
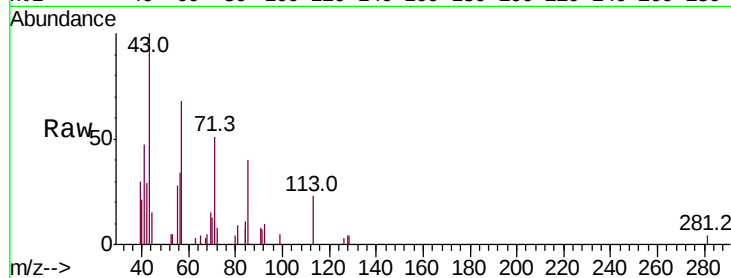




#59
2-Hexanone
Concen: 12.477 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

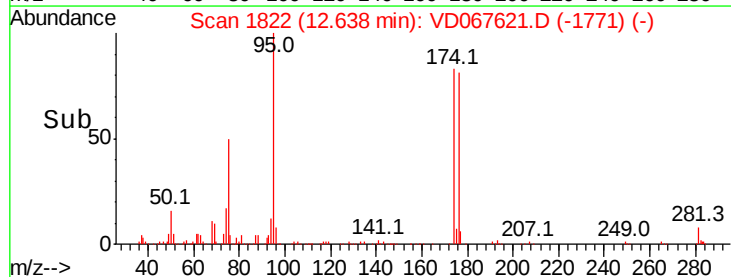
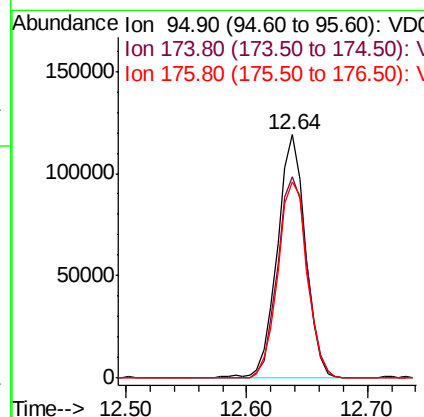
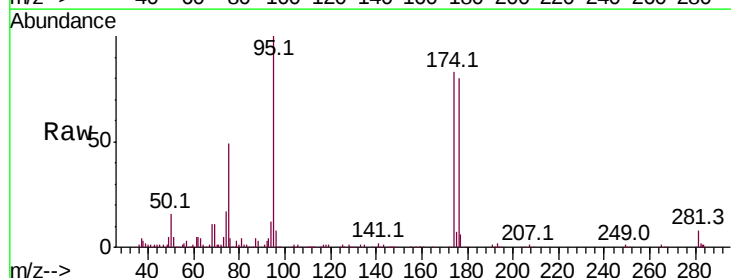
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

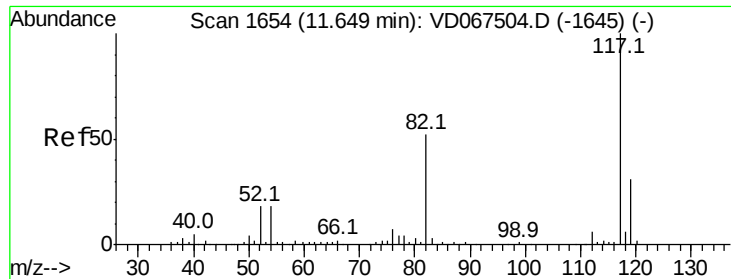
Tot Ion: 43 Resp: 9285
Ion Ratio Lower Upper
43 100
58 0.9 30.3 90.9#



#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 95 Resp: 190852
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.8
176 83.8 0.0 172.0

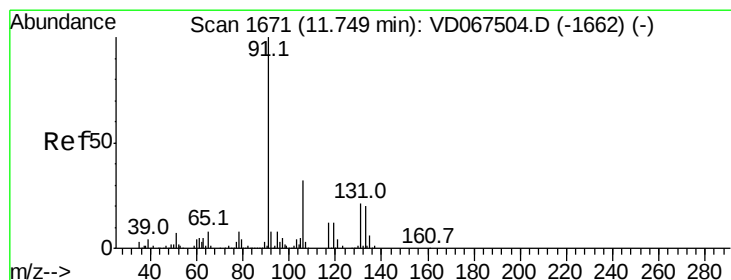
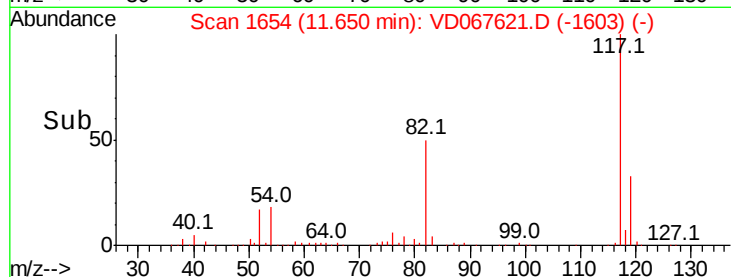
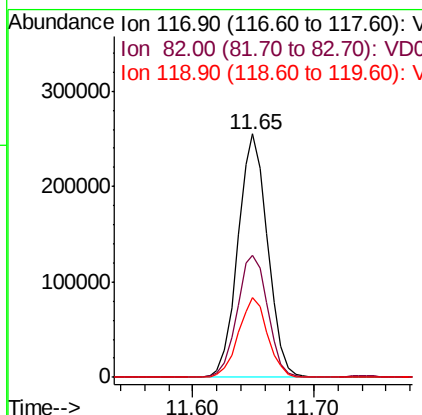
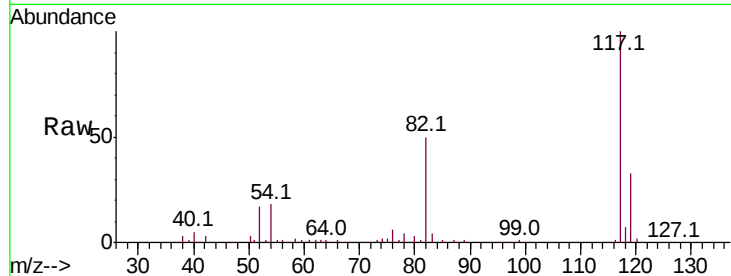




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

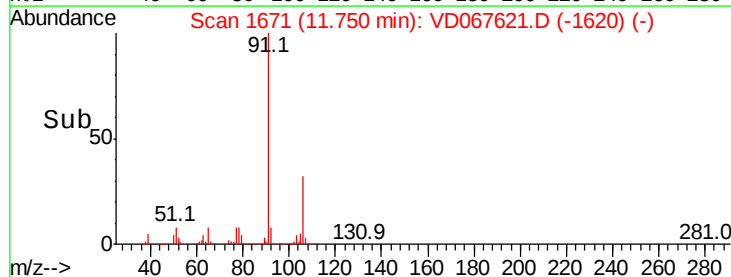
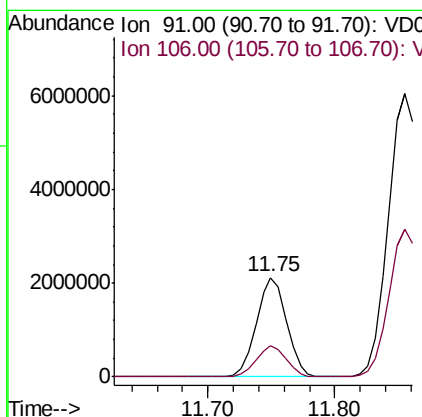
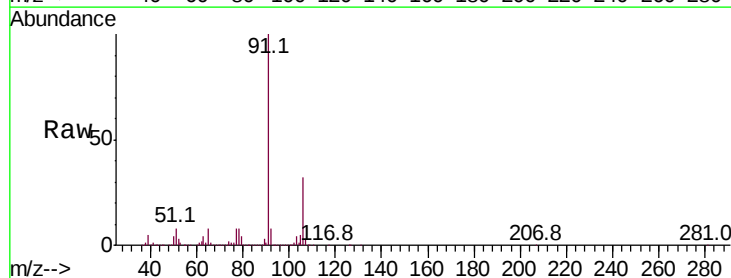
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

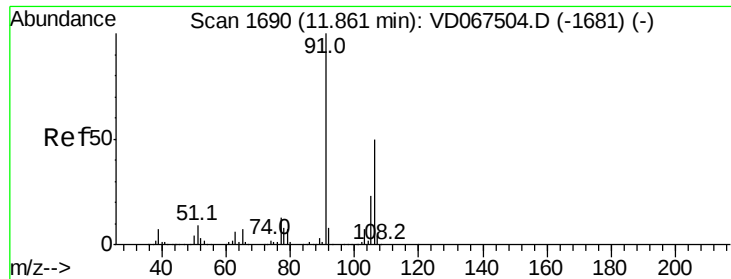
Tot Ion:117 Resp: 435566
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 32.7 25.1 37.7



#67
Ethyl Benzene
Concen: 244.451 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 91 Resp: 3509646
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

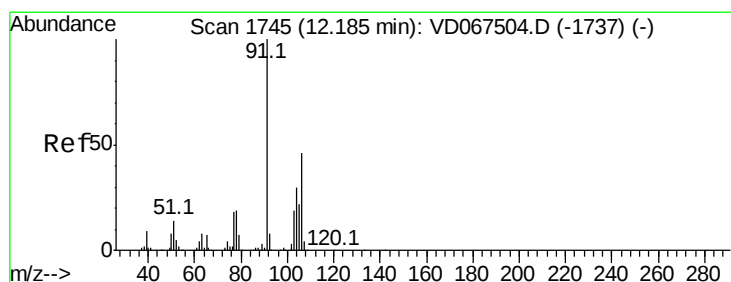
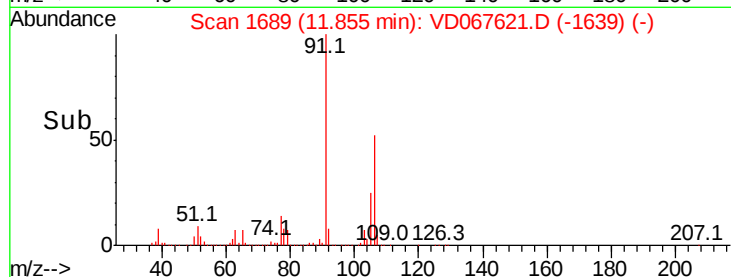
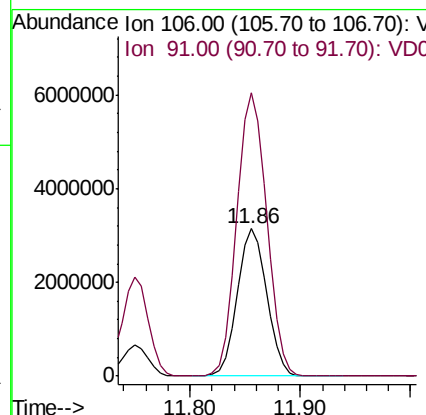
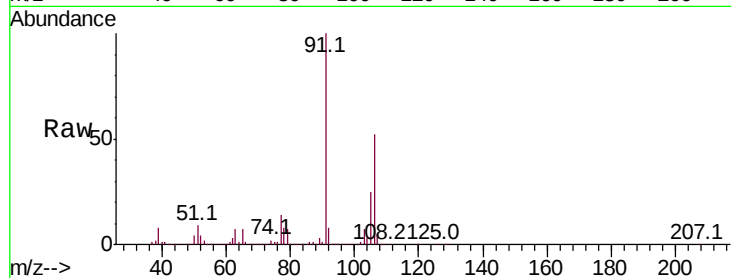




#68
m/p-Xylenes
Concen: 1053.434 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

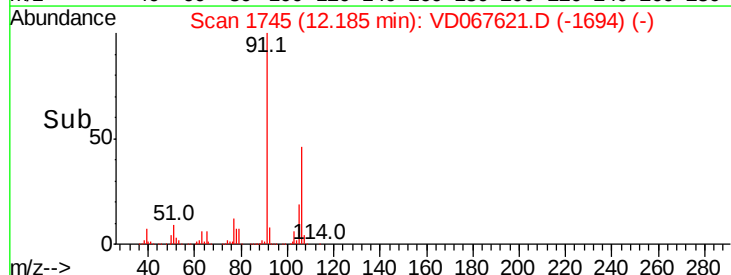
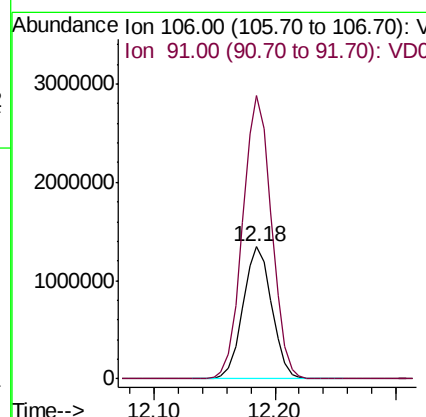
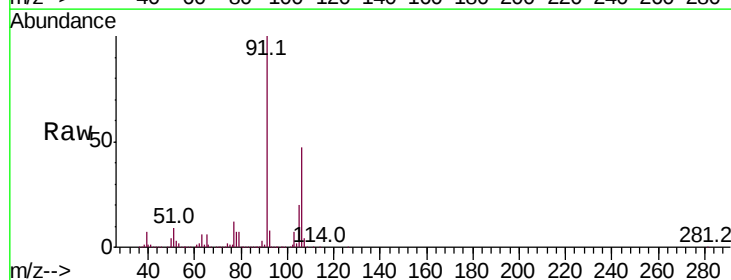
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

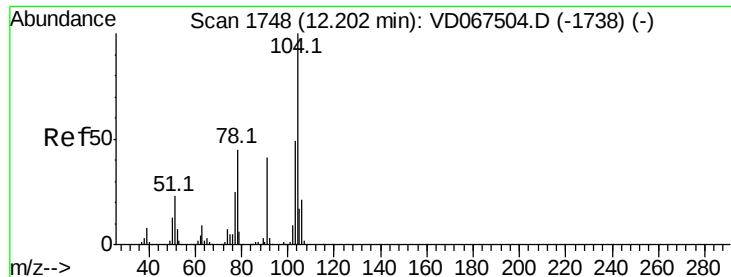
Tot Ion:106 Resp: 5884077
Ion Ratio Lower Upper
106 100
91 196.1 162.6 244.0



#69
o-Xylene
Concen: 447.163 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion:106 Resp: 2229988
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.1





#70

Stvrene

Concen: 13.518 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. -0.02 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

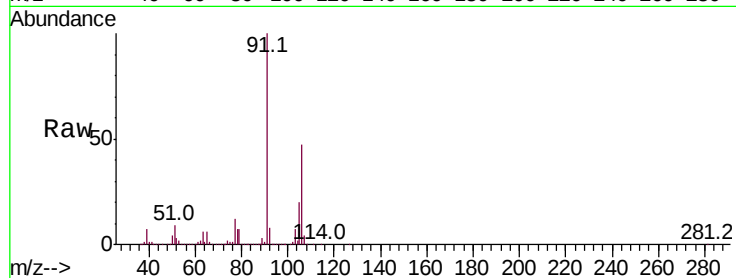
Tot Ion:104 Resp: 117472

Ion Ratio Lower Upper

104 100

78 289.2 39.8 59.8#

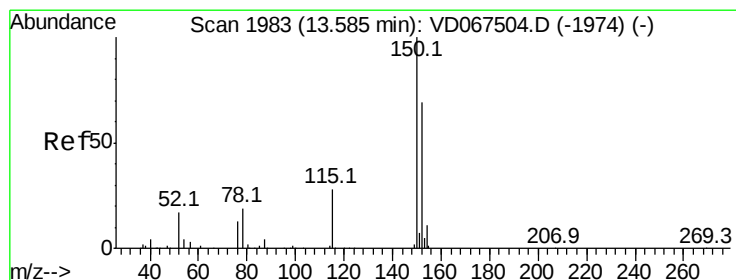
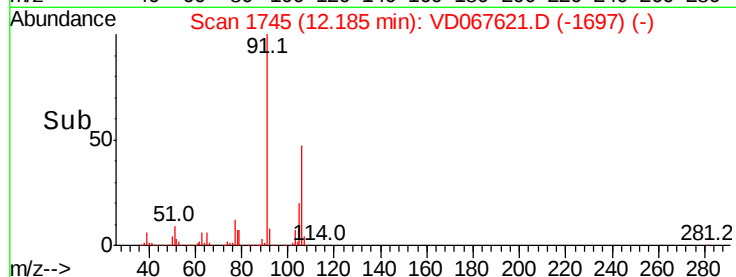
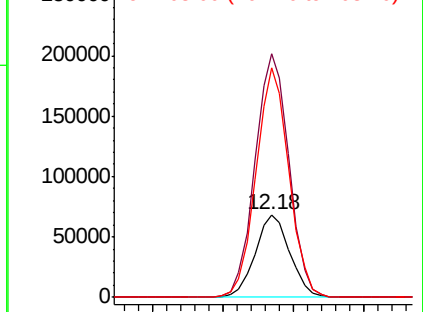
103 264.5 43.9 65.9#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

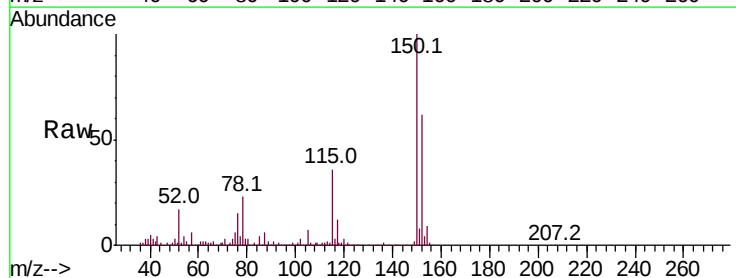
Tgt Ion:152 Resp: 191834

Ion Ratio Lower Upper

152 100

115 94.6 29.3 88.0#

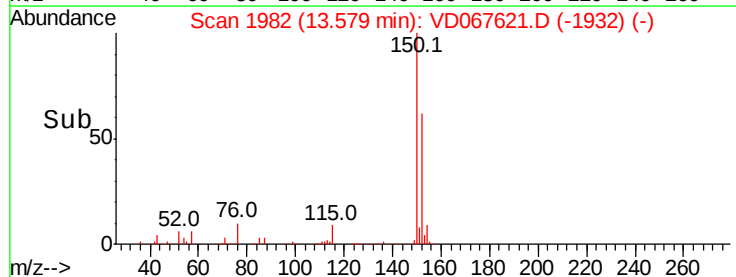
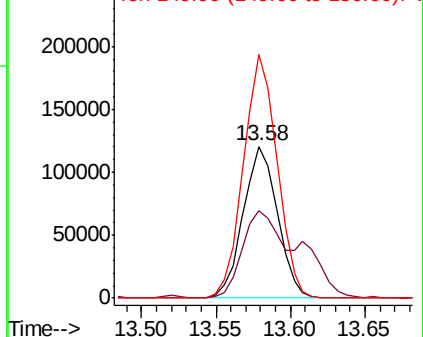
150 157.5 0.0 338.2

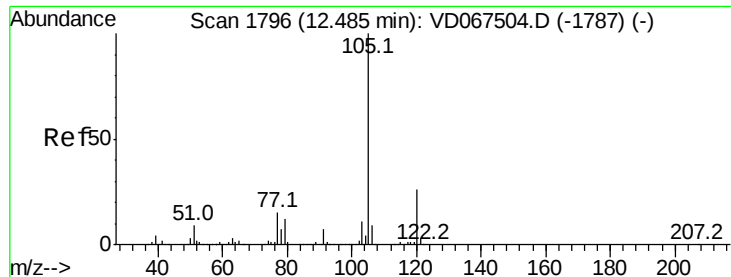


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 37.624 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

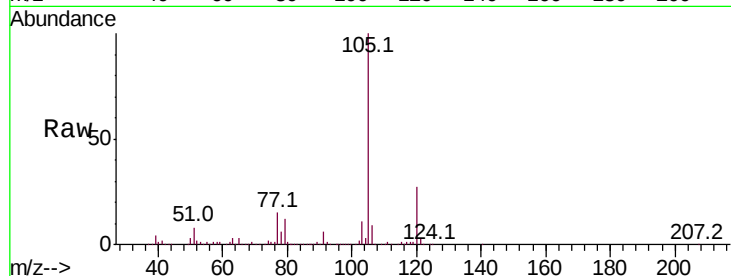
COMP-30706-30707-40854

Tot Ion:105 Resp: 466460

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

100000

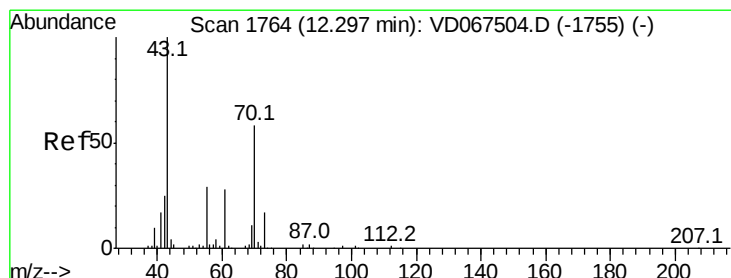
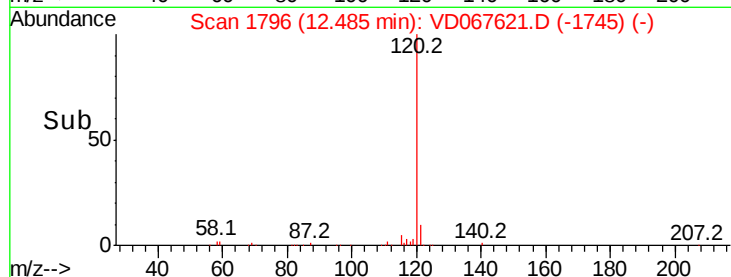
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 7.716 ug/l

RT: 12.27 min Scan# 1759

Delta R.T. -0.03 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Tgt Ion: 43 Resp: 12587

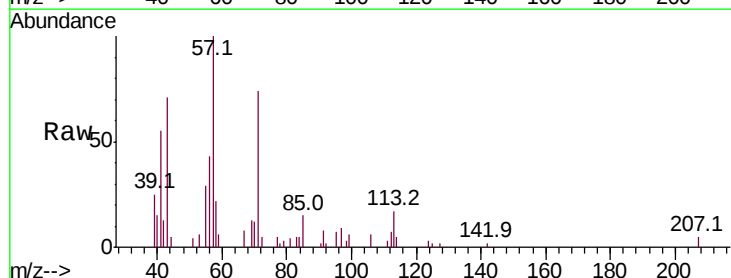
Ion Ratio Lower Upper

43 100

70 11.4 42.6 64.0#

55 27.7 23.7 35.5

61 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

40000

30000

20000

10000

0

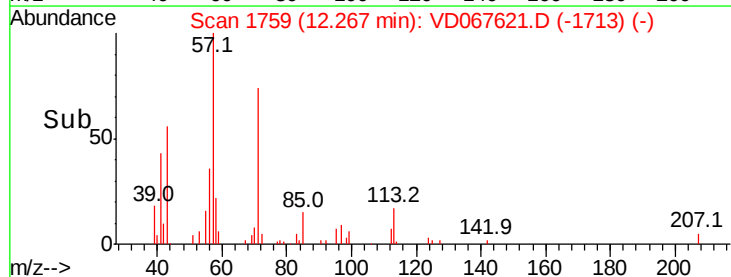
12.20

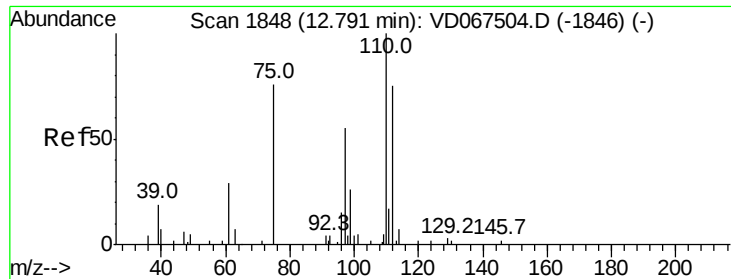
12.25

12.27

12.30

Time-->





#76

1,2,3-Trichloropropane

Concen: 9.675 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.04 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

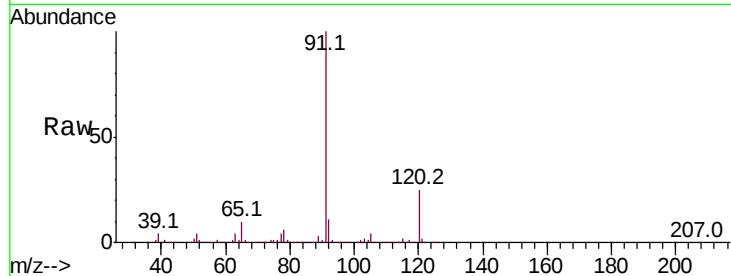
COMP-30706-30707-40854

Tot Ion: 75 Resp: 11196

Ion Ratio Lower Upper

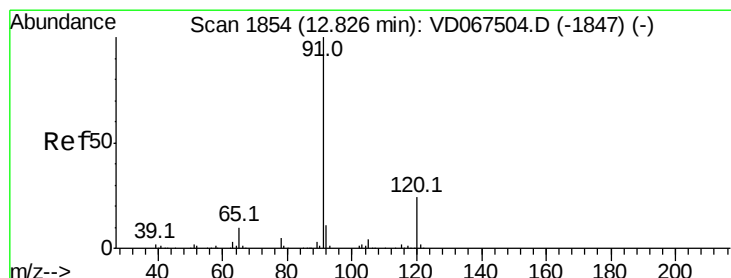
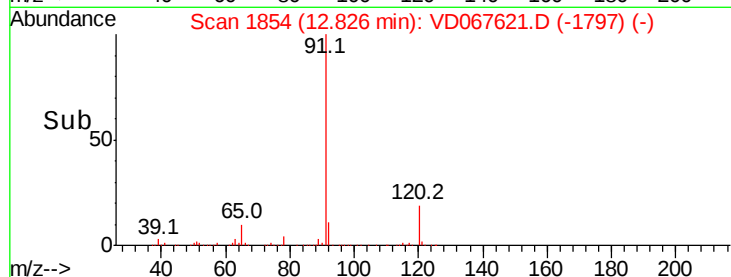
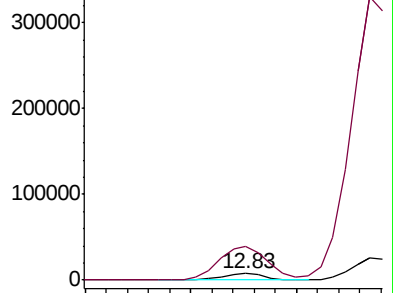
75 100

77 561.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#78

n-propylbenzene

Concen: 108.617 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067621.D

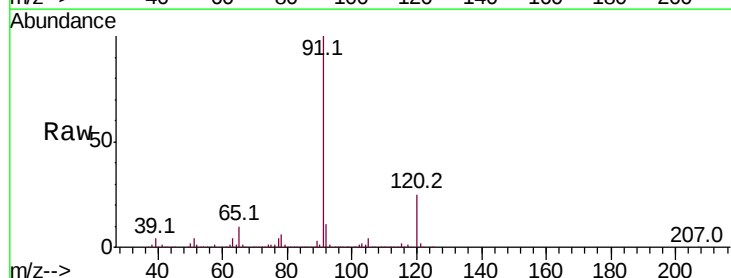
Acq: 12 Nov 2020 14:19

Tgt Ion: 91 Resp: 1540300

Ion Ratio Lower Upper

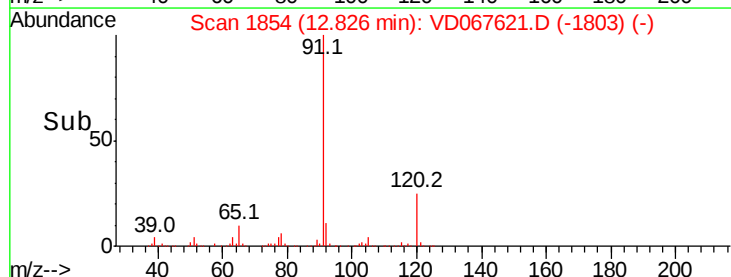
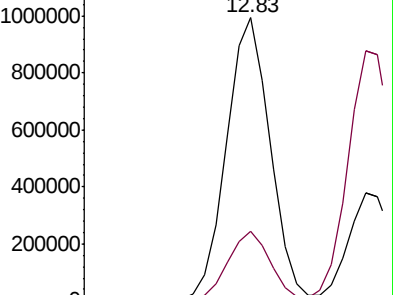
91 100

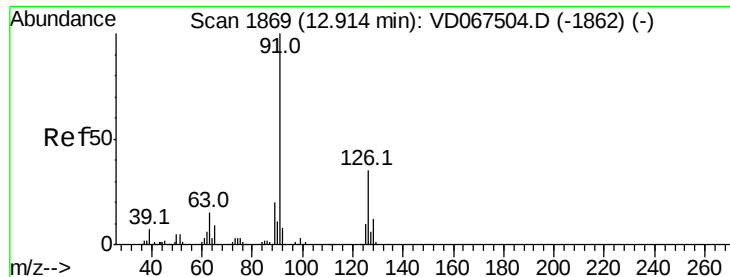
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC





#79

2-Chlorotoluene

Concen: 71.781 ug/l

RT: 12.88 min Scan# 1864

Delta R.T. -0.03 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

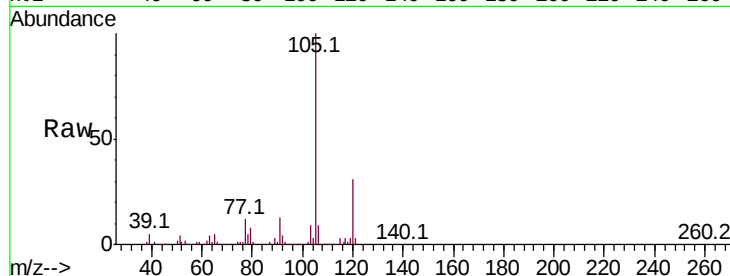
COMP-30706-30707-40854

Tot Ion: 91 Resp: 578232

Ion Ratio Lower Upper

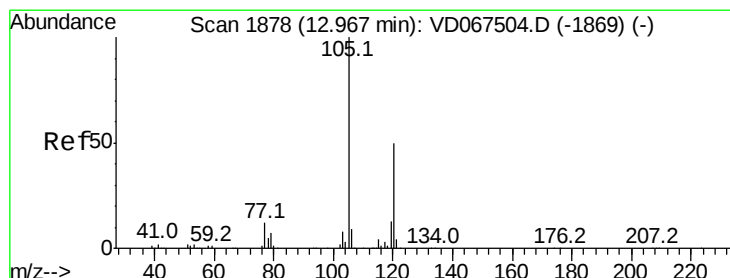
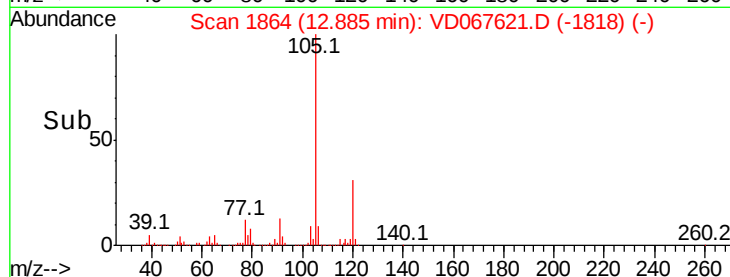
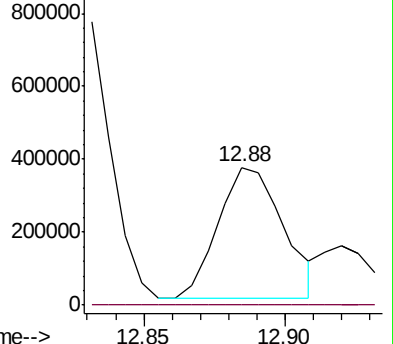
91 100

126 0.1 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 130.181 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067621.D

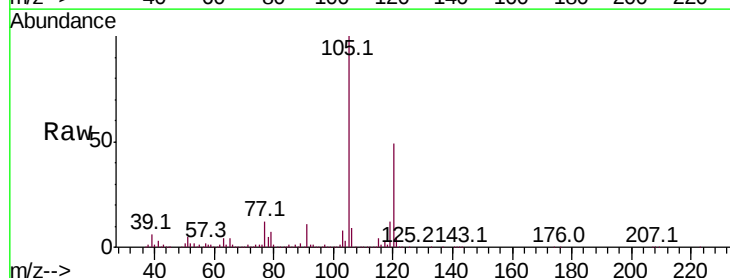
Acq: 12 Nov 2020 14:19

Tgt Ion:105 Resp: 1378733

Ion Ratio Lower Upper

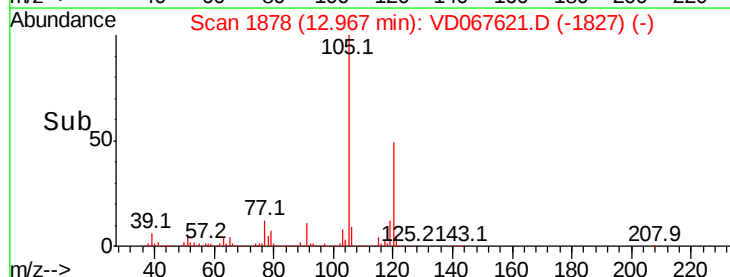
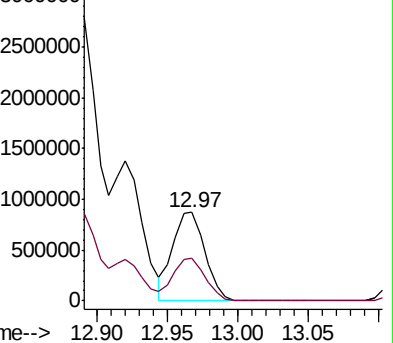
105 100

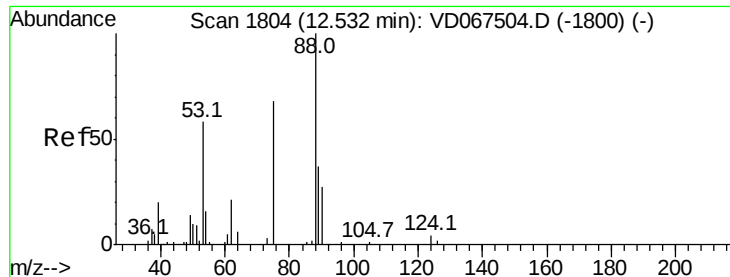
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.051 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. -0.04 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

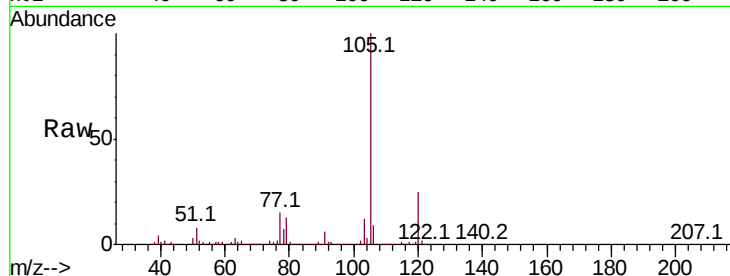
Tot Ion: 75 Resp: 5159

Ion Ratio Lower Upper

75 100

53 102.9 75.9 113.9

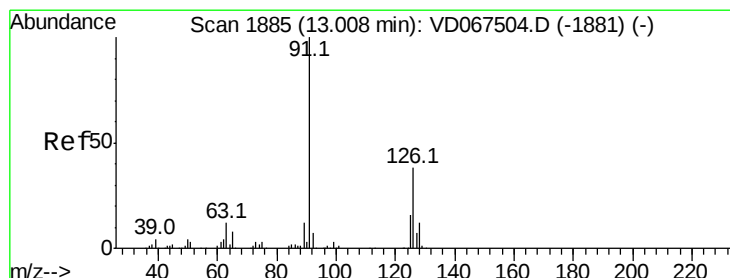
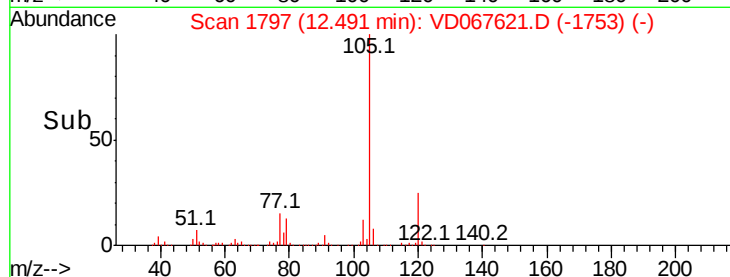
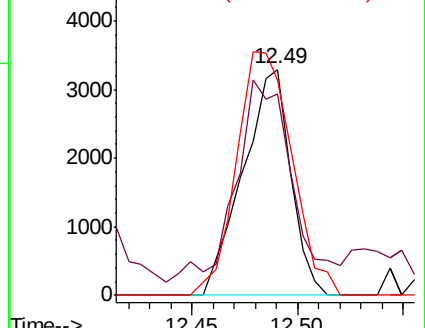
89 125.5 44.6 67.0#



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: 17.169 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VD067621.D

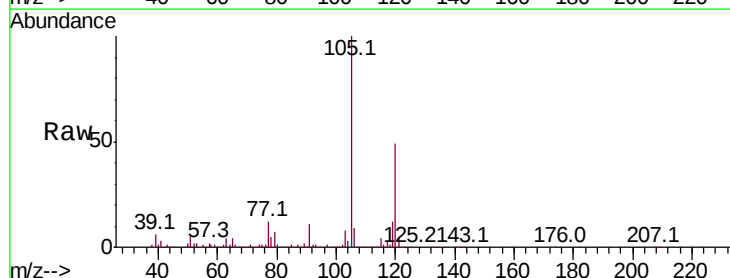
Acq: 12 Nov 2020 14:19

Tgt Ion: 91 Resp: 148333

Ion Ratio Lower Upper

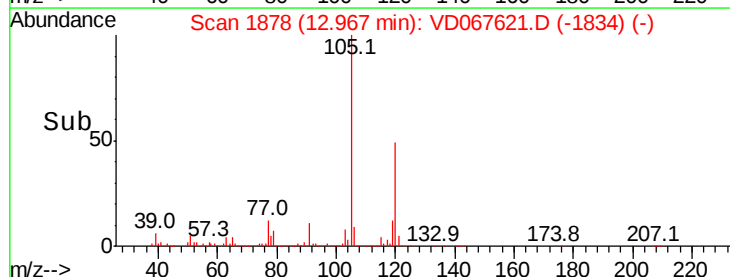
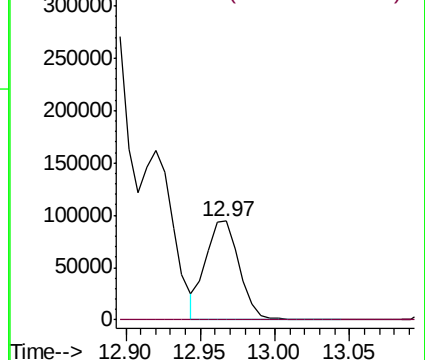
91 100

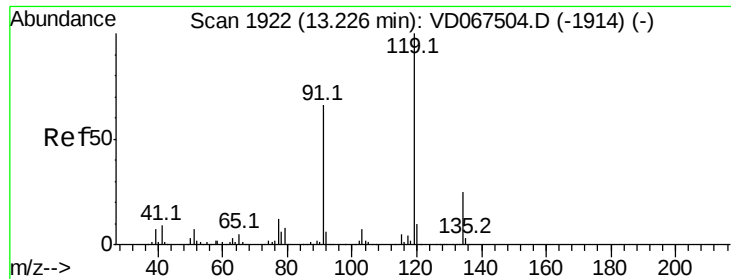
126 0.1 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

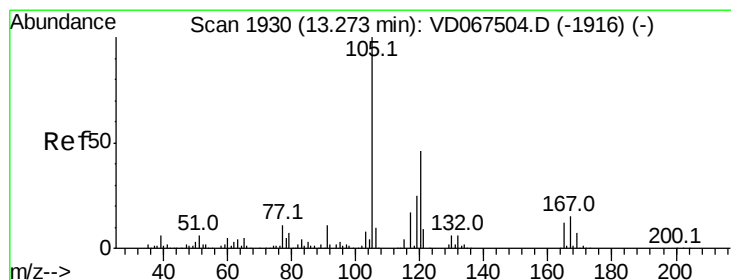
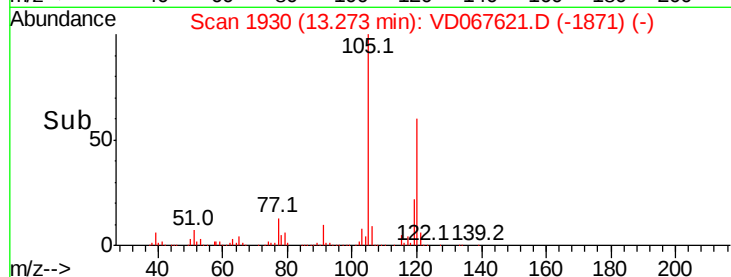
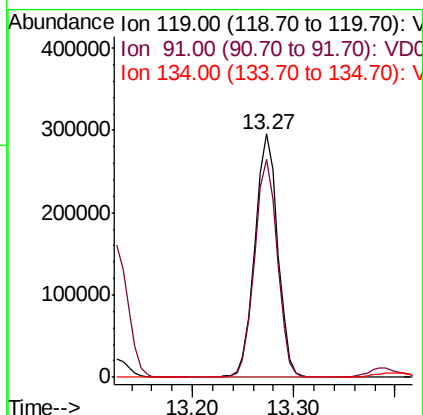
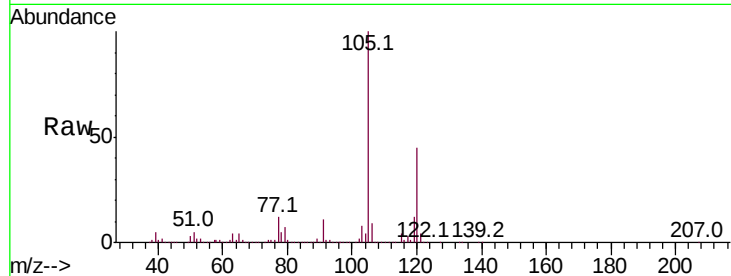




#83
 tert-Butylbenzene
 Concen: 51.798 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.05 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

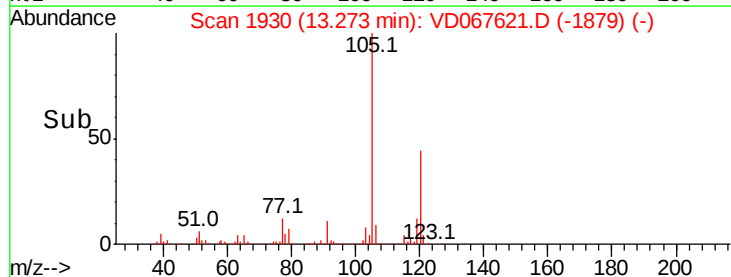
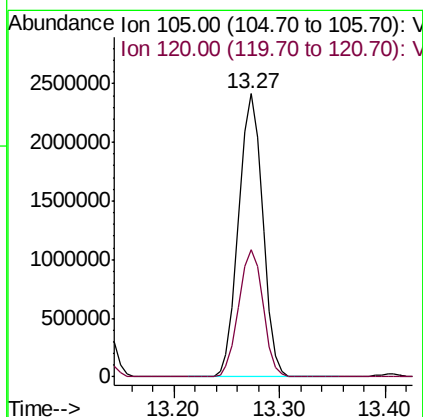
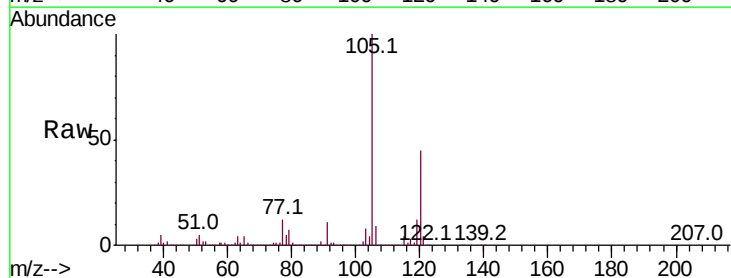
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

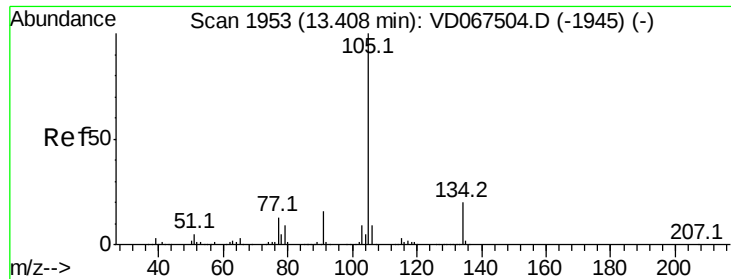
Tot Ion:119 Resp: 464931
 Ion Ratio Lower Upper
 119 100
 91 89.2 32.7 98.1
 134 0.0 13.4 40.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 360.256 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Tgt Ion:105 Resp: 3797922
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.1

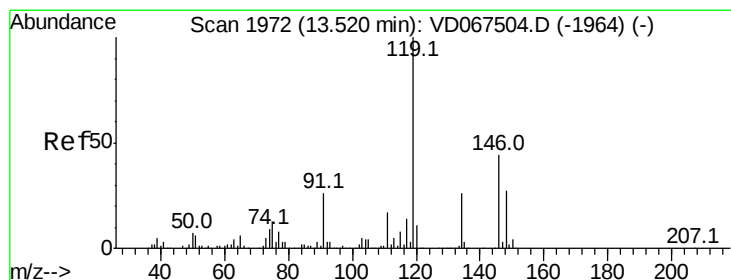
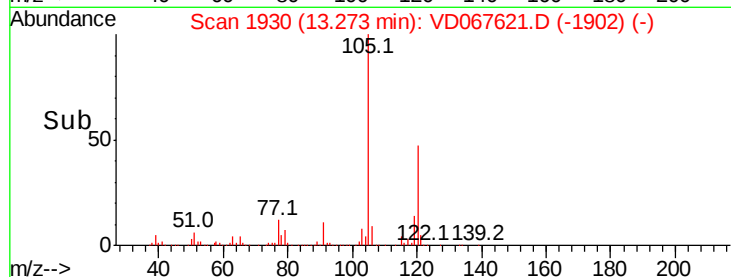
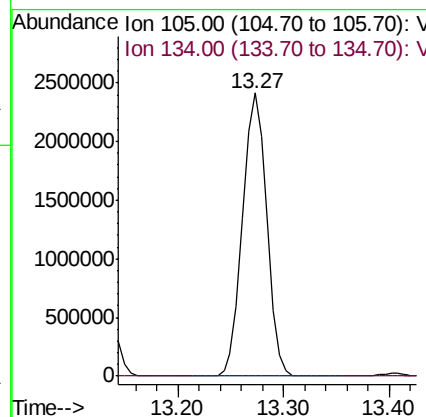
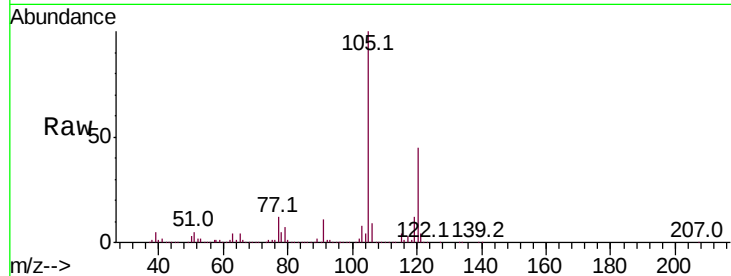




#85
 sec-Butylbenzene
 Concen: 313.438 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.14 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

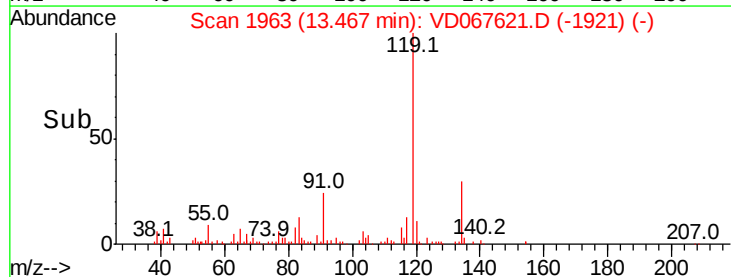
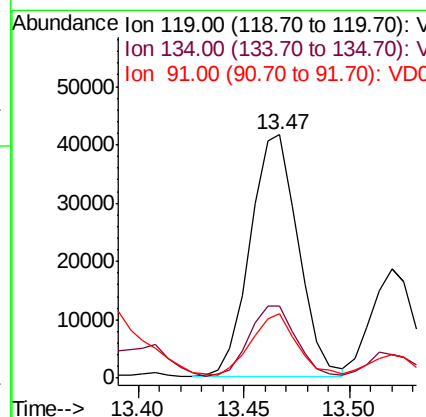
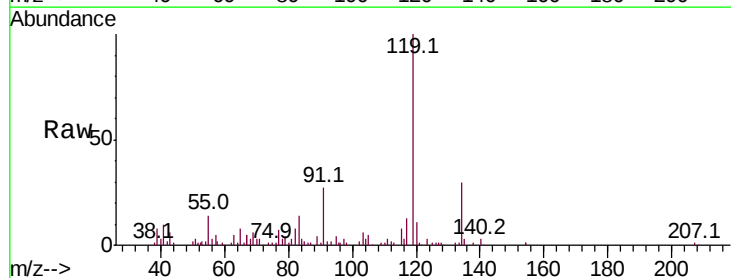
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

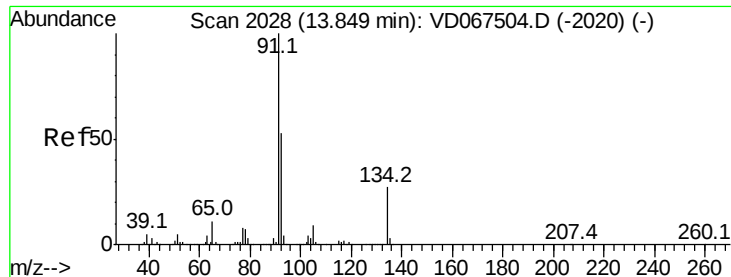
Tot Ion:105 Resp: 3797922
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 5.632 ug/l
 RT: 13.47 min Scan# 1963
 Delta R.T. -0.05 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Tgt Ion:119 Resp: 65905
 Ion Ratio Lower Upper
 119 100
 134 30.0 13.1 39.3
 91 23.8 12.2 36.4

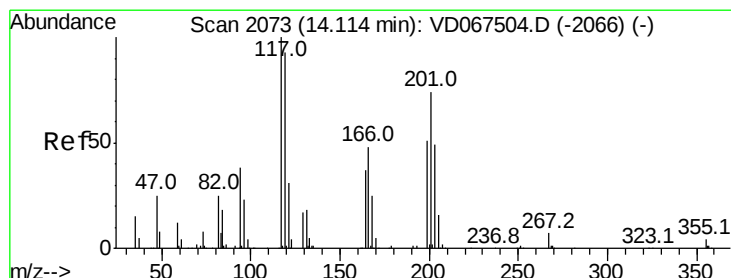
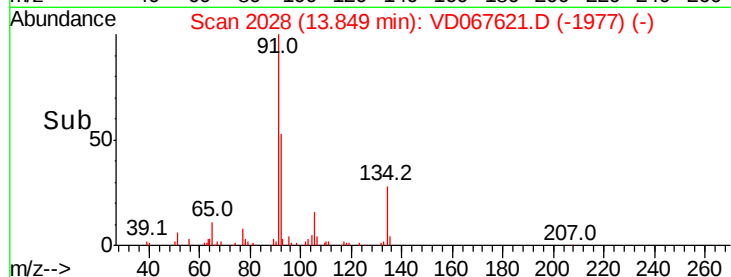
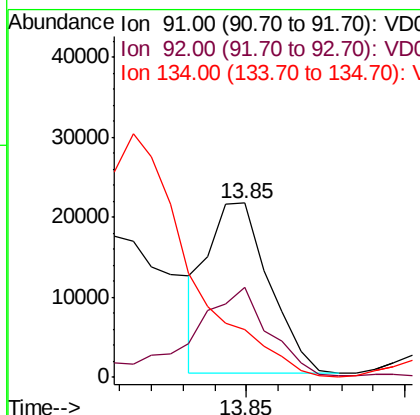
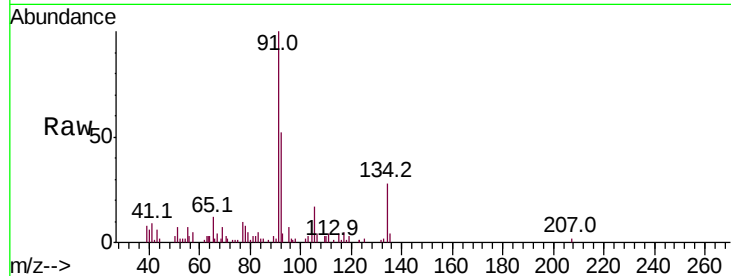




#89
n-Butylbenzene
Concen: 2.804 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

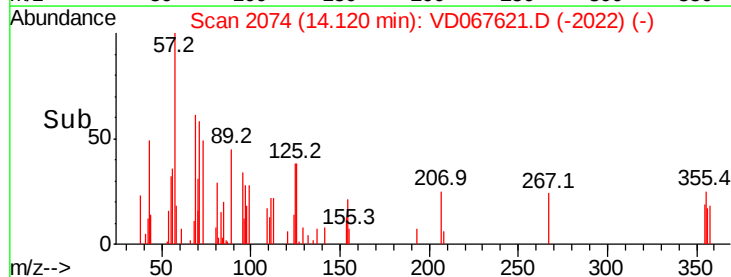
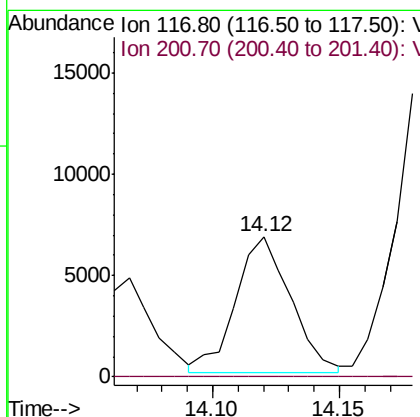
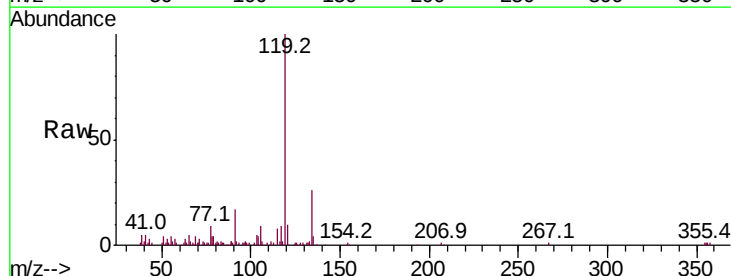
Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

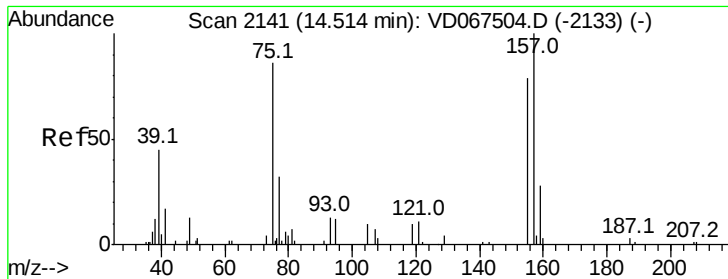
Tot Ion: 91 Resp: 28341
Ion Ratio Lower Upper
91 100
92 61.9 26.6 79.8
134 0.0 14.1 42.2#



#90
Hexachloroethane
Concen: 4.595 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 117 Resp: 10124
Ion Ratio Lower Upper
117 100
201 0.0 40.7 122.1#

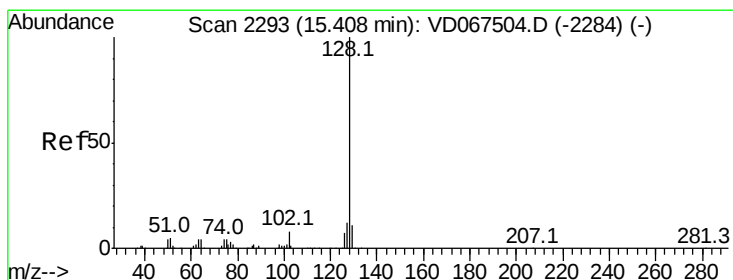
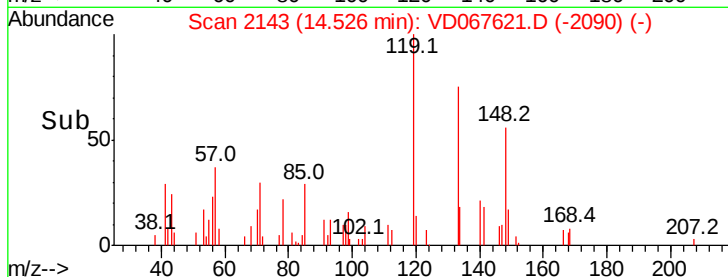
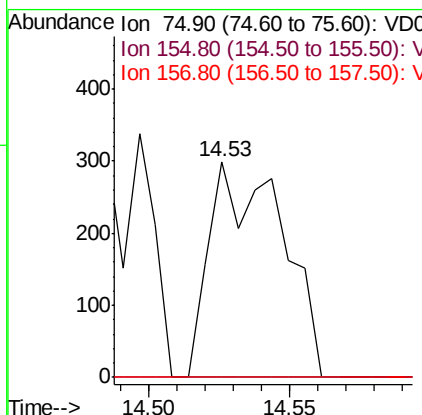
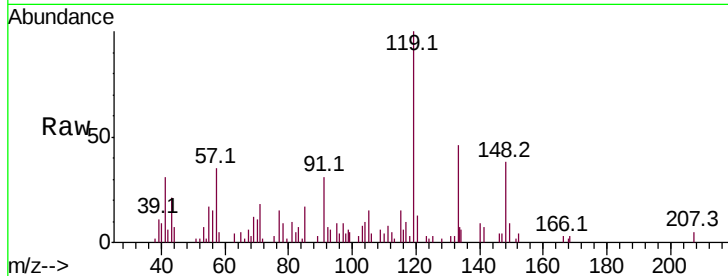




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.784 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

Tot Ion: 75 Resp: 534
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.6 139.8#
 157 0.0 58.1 174.2#



#95
 Naphthalene
 Concen: 11.343 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Tgt Ion:128 Resp: 59739
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.2 15.4
 129 11.6 8.9 13.3

