

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
 Data File : VD067806.D
 Acq On : 30 Nov 2020 11:07
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Quant Time: Nov 30 13:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	234597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	333334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	305601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	113515	49.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.54%
35) Dibromofluoromethane	7.92	113	102648	48.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.78%
50) Toluene-d8	10.34	98	383460	49.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.88%
62) 4-Bromofluorobenzene	12.64	95	132395	49.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	39792	19.491	ug/l	96
3) Chloromethane	2.21	50	23874	21.005	ug/l	90
4) Vinyl Chloride	2.35	62	27966	19.636	ug/l	96
5) Bromomethane	2.76	94	26015	21.440	ug/l	97
6) Chloroethane	2.92	64	18876	19.886	ug/l #	86
7) Trichlorofluoromethane	3.27	101	91041	20.948	ug/l	96
8) Diethyl Ether	3.71	74	15862	18.077	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	42536	20.439	ug/l	98
10) Methyl Iodide	4.30	142	40659	19.087	ug/l	99
11) Tert butyl alcohol	5.20	59	15762	107.676	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	37891	19.676	ug/l	92
13) Acrolein	3.93	56	8256	87.322	ug/l	93
14) Allyl chloride	4.73	41	34744	18.665	ug/l	94
15) Acrylonitrile	5.43	53	28628	93.674	ug/l	97
16) Acetone	4.15	43	27744	94.150	ug/l #	86
17) Carbon Disulfide	4.41	76	107689	19.335	ug/l	96
18) Methyl Acetate	4.71	43	10866	18.329	ug/l	93
19) Methyl tert-butyl Ether	5.49	73	77643	18.866	ug/l	94
20) Methylene Chloride	4.97	84	46044	15.675	ug/l	91
21) trans-1,2-Dichloroethene	5.48	96	45002	20.555	ug/l	93
22) Diisopropyl ether	6.36	45	70624	19.220	ug/l	96
23) Vinyl Acetate	6.31	43	196463	94.784	ug/l #	91
24) 1,1-Dichloroethane	6.27	63	62344	20.012	ug/l	98
25) 2-Butanone	7.21	43	29682	89.763	ug/l	99
26) 2,2-Dichloropropane	7.21	77	75765	20.615	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	46264	19.825	ug/l	100
28) Bromochloromethane	7.54	49	19010	19.050	ug/l	99
29) Tetrahydrofuran	7.56	42	17606	93.645	ug/l	94
30) Chloroform	7.71	83	82378	20.221	ug/l	98
31) Cyclohexane	7.98	56	51686	18.727	ug/l #	94
32) 1,1,1-Trichloroethane	7.91	97	87828	20.357	ug/l	96
36) 1,1-Dichloropropene	8.11	75	58388	20.413	ug/l	99
37) Ethyl Acetate	7.30	43	13700	17.812	ug/l #	92
38) Carbon Tetrachloride	8.10	117	87197	21.030	ug/l	90

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70075	20.701	ug/l #	93
40) Benzene	8.36	78	156489	19.920	ug/l	94
41) Methacrylonitrile	7.54	41	9577	24.385	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	56513	21.201	ug/l	99
43) Isopropyl Acetate	8.45	43	27419	17.851	ug/l #	91
44) Trichloroethene	9.11	130	54570	20.959	ug/l	94
45) 1,2-Dichloropropane	9.38	63	31420	19.492	ug/l	90
46) Dibromomethane	9.48	93	21463	19.557	ug/l	94
47) Bromodichloromethane	9.67	83	64121	20.982	ug/l	98
48) Methyl methacrylate	9.46	41	15713	20.462	ug/l	87
49) 1,4-Dioxane	9.47	88	4471	375.928	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	65107	90.081	ug/l	99
52) Toluene	10.41	92	111556	20.932	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	52874	19.804	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	60502	20.023	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	28456	19.325	ug/l	98
56) Ethyl methacrylate	10.66	69	27935	18.324	ug/l	96
57) 1,3-Dichloropropane	10.95	76	47468	20.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	62222	87.351	ug/l	99
59) 2-Hexanone	10.98	43	49182	96.380	ug/l	98
60) Dibromochloromethane	11.14	129	44029	19.622	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29771	20.519	ug/l	96
64) Tetrachloroethene	10.88	164	47945	20.214	ug/l #	84
65) Chlorobenzene	11.67	112	123235	20.517	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	50063	20.605	ug/l	96
67) Ethyl Benzene	11.75	91	216194	20.850	ug/l	97
68) m/p-Xylenes	11.86	106	169796	42.079	ug/l	99
69) o-Xylene	12.18	106	77197	21.012	ug/l	99
70) Styrene	12.20	104	135646	21.676	ug/l	97
71) Bromoform	12.37	173	25569	19.386	ug/l #	94
73) Isopropylbenzene	12.48	105	224335	21.912	ug/l	100
74) N-amyl acetate	12.29	43	24583	18.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	26925	19.596	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	41676	38.430	ug/l #	100
77) Bromobenzene	12.77	156	54262	21.173	ug/l	96
78) n-propylbenzene	12.83	91	240185	21.087	ug/l	98
79) 2-Chlorotoluene	12.91	91	139626	20.705	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	197275	22.154	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	9074	19.570	ug/l	94
82) 4-Chlorotoluene	13.01	91	146766	20.425	ug/l	98
83) tert-Butylbenzene	13.23	119	164491	21.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	196070	22.042	ug/l	99
85) sec-Butylbenzene	13.41	105	210478	20.938	ug/l	100
86) p-Isopropyltoluene	13.52	119	205530	21.109	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	105201	21.210	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	104096	21.187	ug/l	98
89) n-Butylbenzene	13.85	91	173616	20.808	ug/l	99
90) Hexachloroethane	14.11	117	36467	19.675	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	90038	21.073	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5602	18.911	ug/l	89

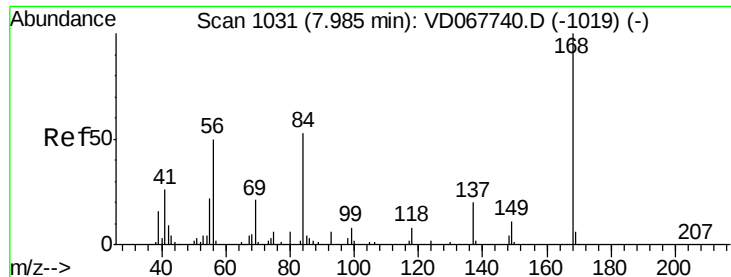
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
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Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65190	21.548	ug/l	98
94) Hexachlorobutadiene	15.27	225	39446	20.407	ug/l	96
95) Naphthalene	15.40	128	93922	19.183	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	55452	21.518	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

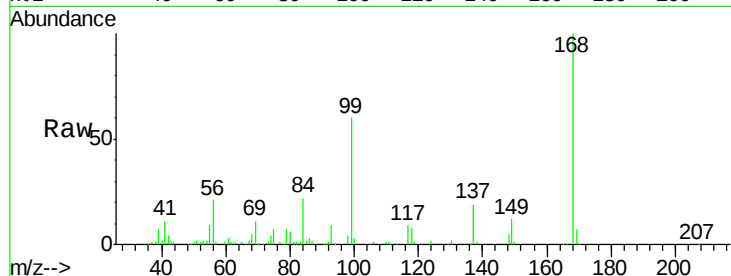
VD1130SBS01

Tgt Ion:168 Resp: 234597

Ion Ratio Lower Upper

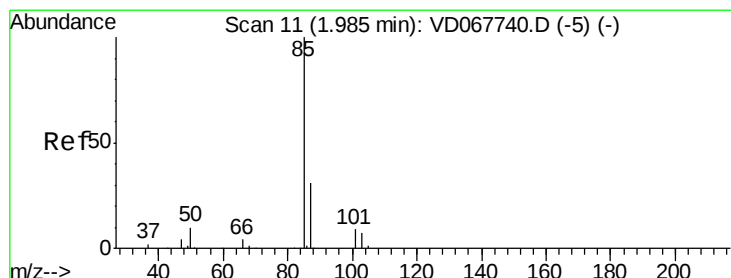
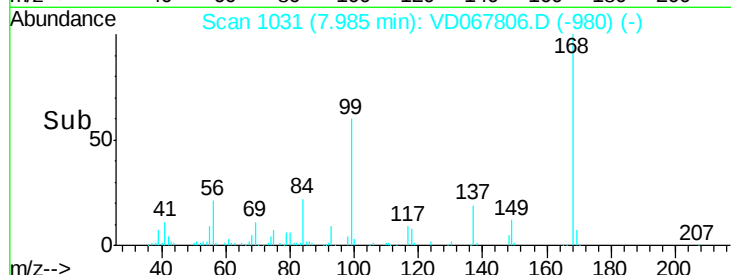
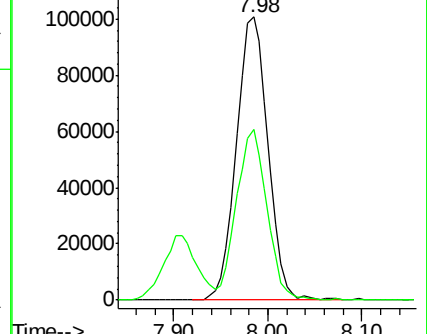
168 100

99 60.0 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.491 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067806.D

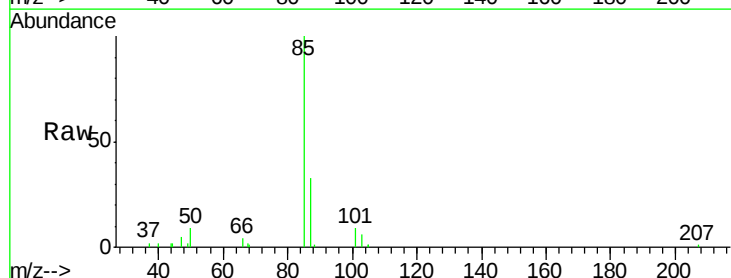
Acq: 30 Nov 2020 11:07

Tgt Ion: 85 Resp: 39792

Ion Ratio Lower Upper

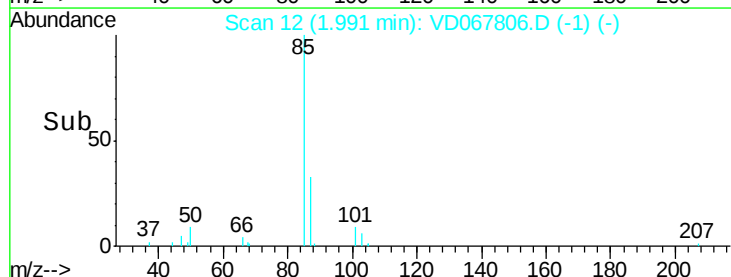
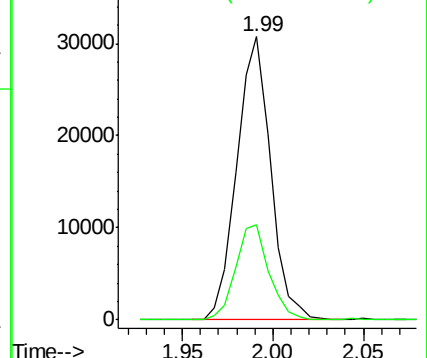
85 100

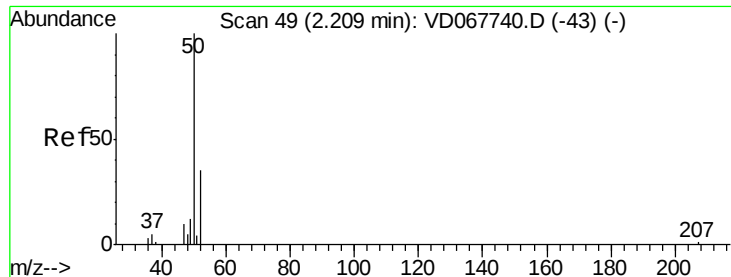
87 33.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.005 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

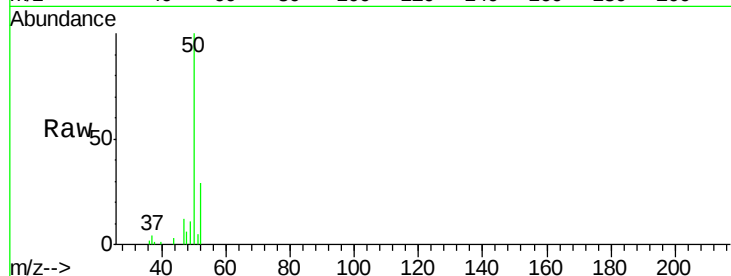
VD1130SBS01

Tgt Ion: 50 Resp: 23874

Ion Ratio Lower Upper

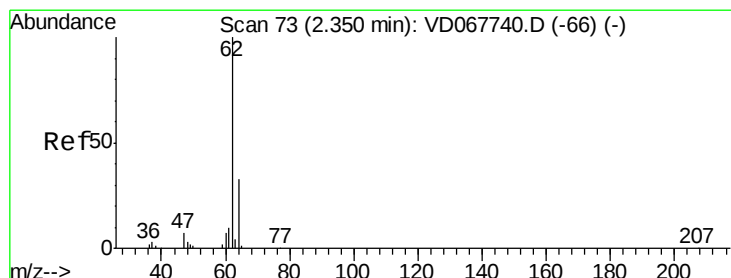
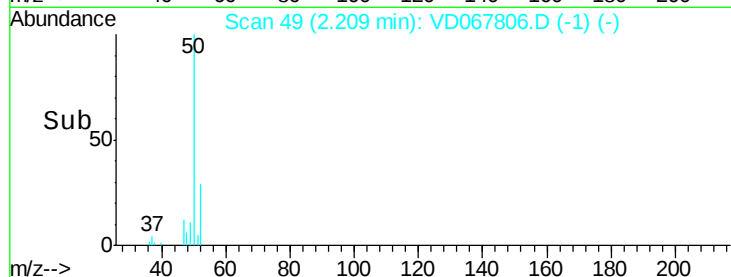
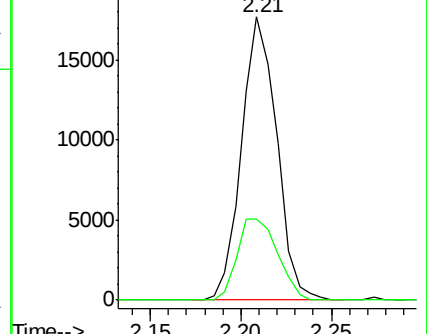
50 100

52 28.8 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.636 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067806.D

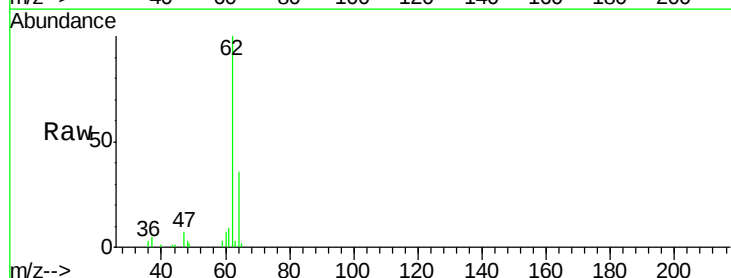
Acq: 30 Nov 2020 11:07

Tgt Ion: 62 Resp: 27966

Ion Ratio Lower Upper

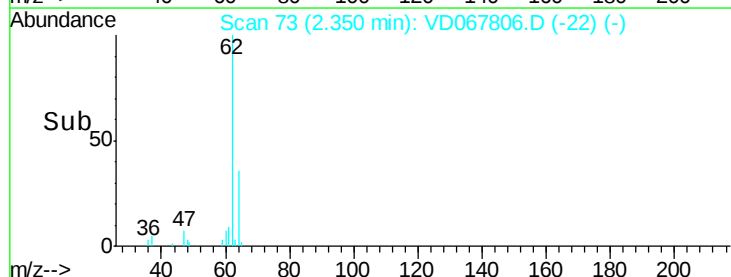
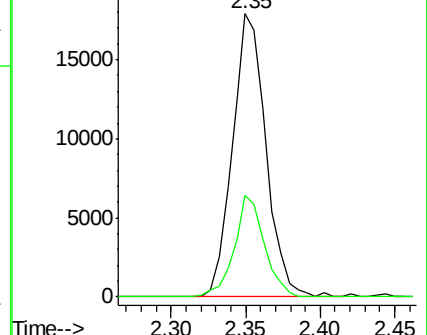
62 100

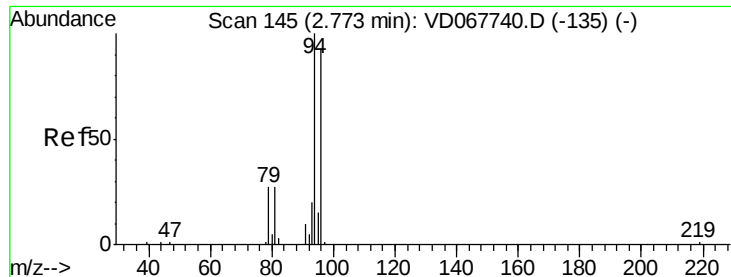
64 35.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.440 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

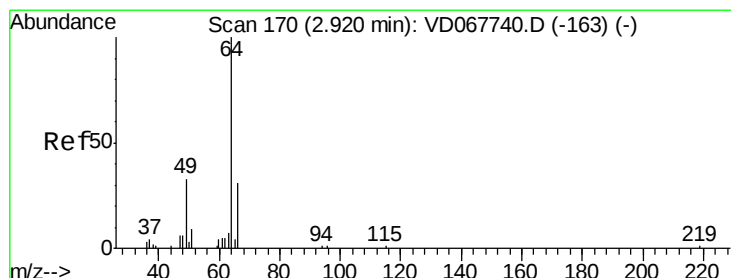
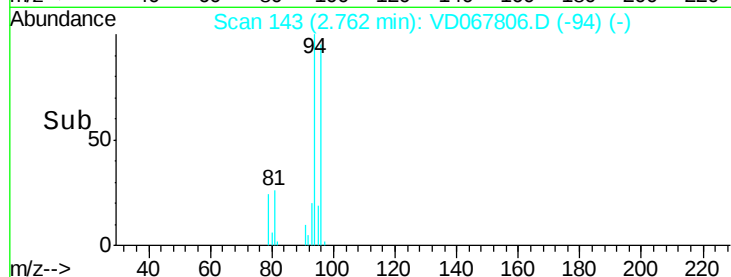
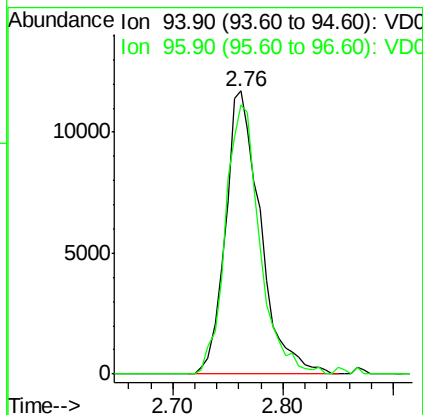
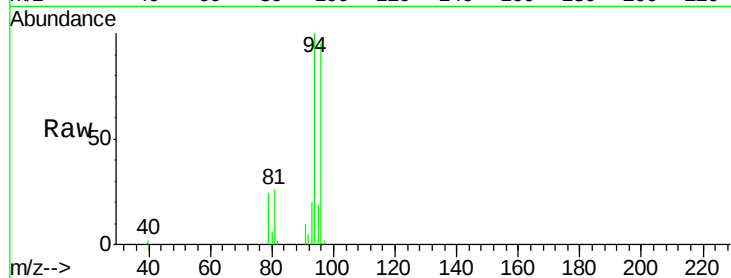
VD1130SBS01

Tgt Ion: 94 Resp: 26015

Ion Ratio Lower Upper

94 100

96 95.1 74.0 111.0



#6

Chloroethane

Concen: 19.886 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067806.D

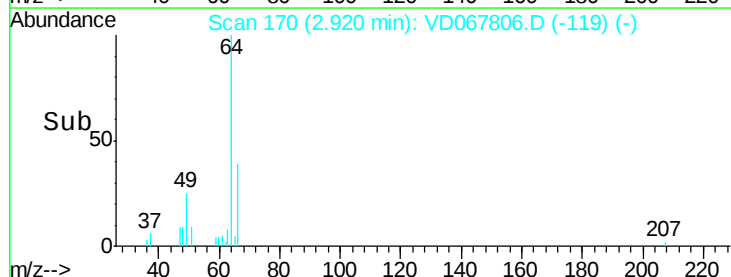
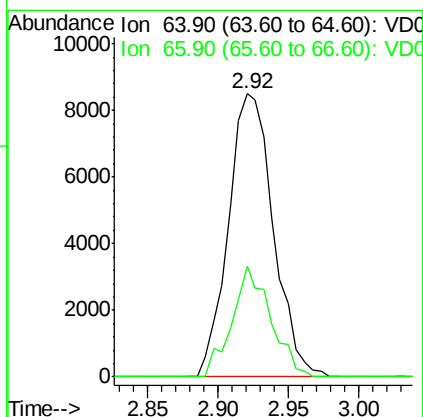
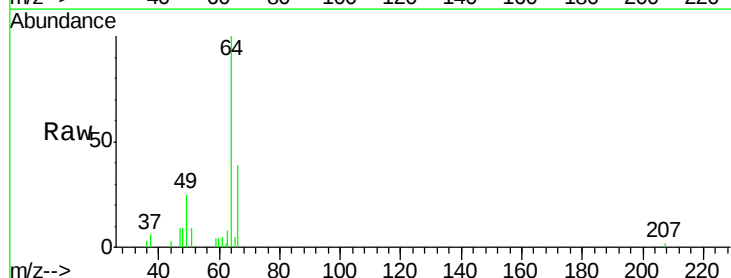
Acq: 30 Nov 2020 11:07

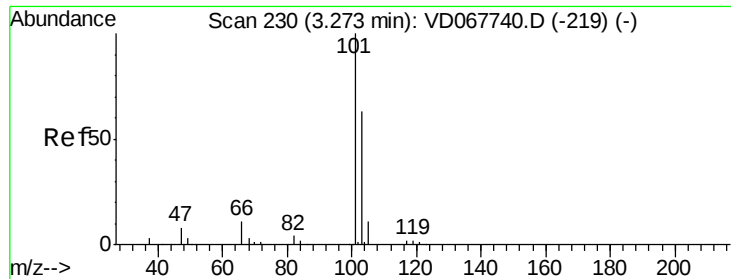
Tgt Ion: 64 Resp: 18876

Ion Ratio Lower Upper

64 100

66 39.0 25.1 37.7#



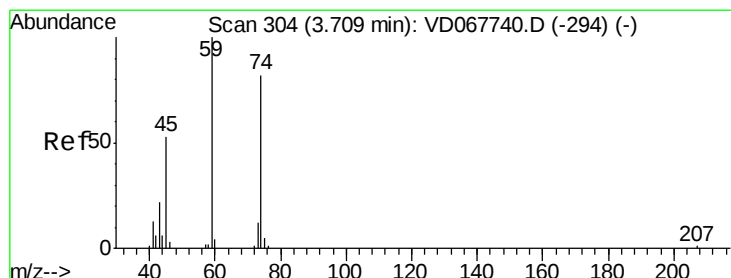
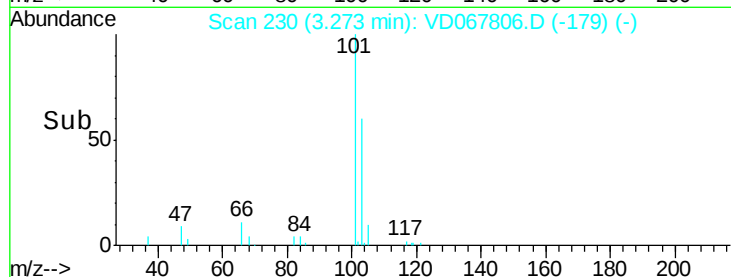
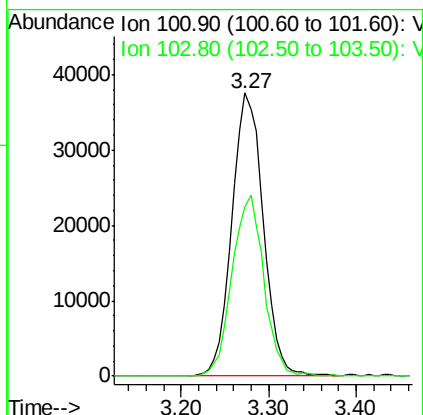
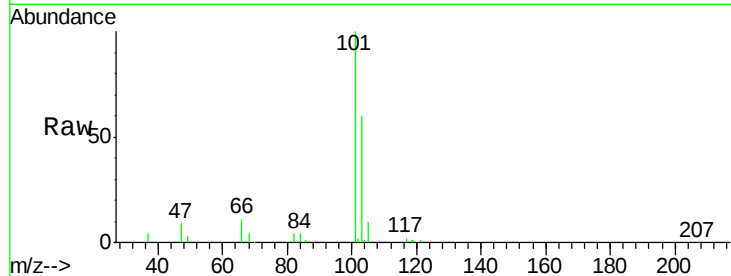


#7

Trichlorofluoromethane
 Concen: 20.948 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

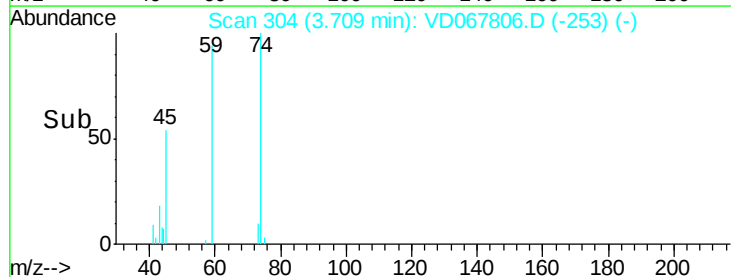
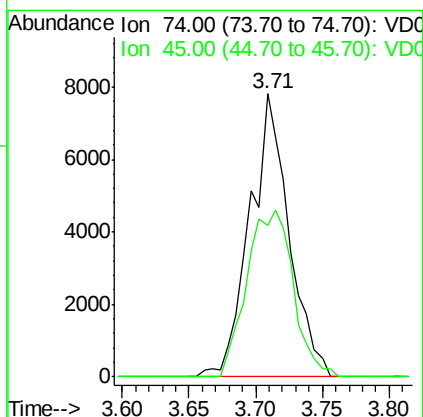
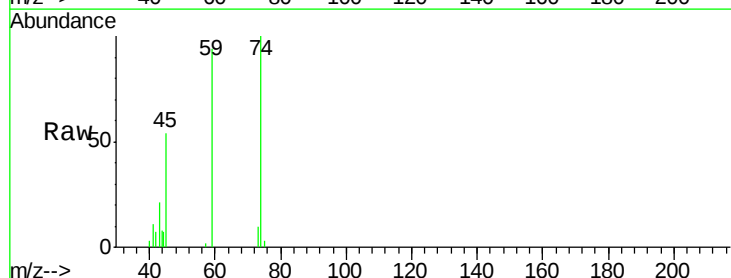
Tgt Ion:101 Resp: 91041
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.3 75.5

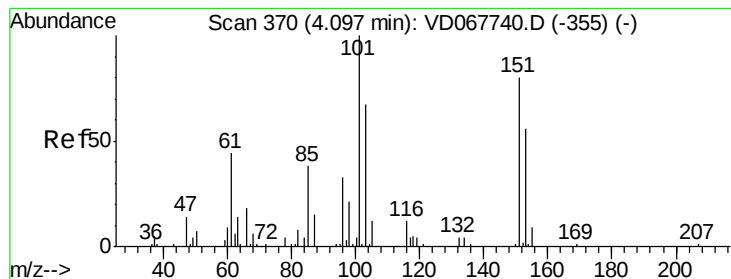


#8

Diethyl Ether
 Concen: 18.077 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 74 Resp: 15862
 Ion Ratio Lower Upper
 74 100
 45 69.9 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.439 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

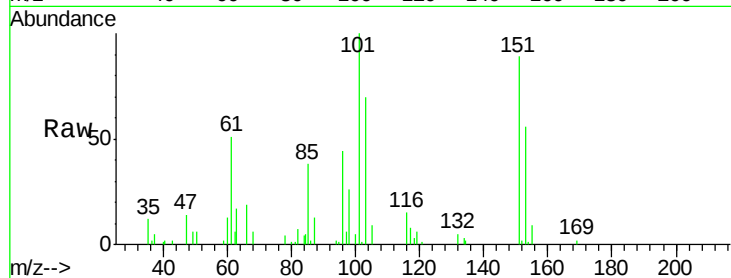
Tgt Ion:101 Resp: 42536

Ion Ratio Lower Upper

101 100

85 42.8 35.5 53.3

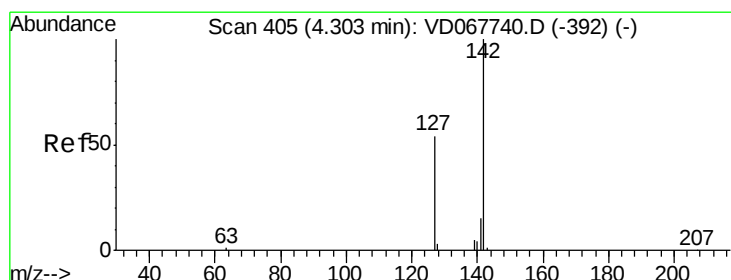
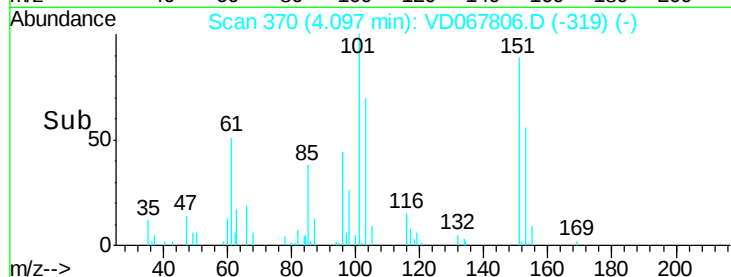
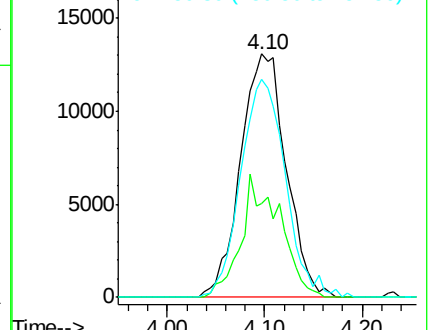
151 88.3 69.4 104.0



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: 19.087 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

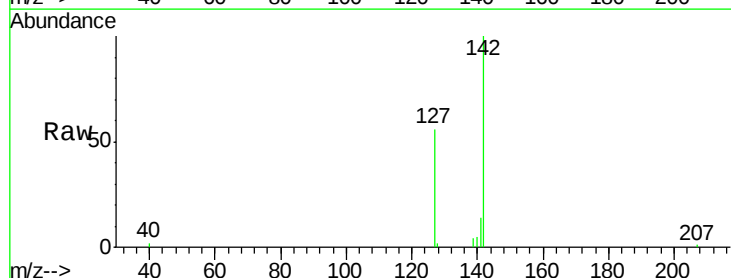
Tgt Ion:142 Resp: 40659

Ion Ratio Lower Upper

142 100

127 53.5 42.2 63.2

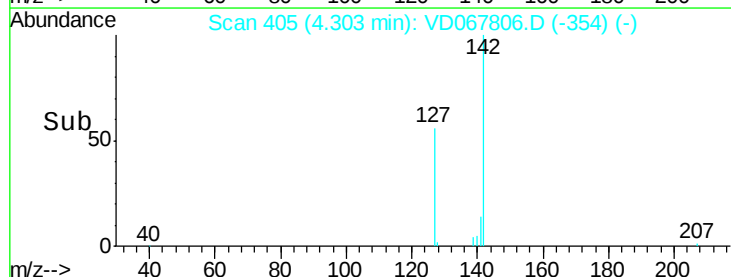
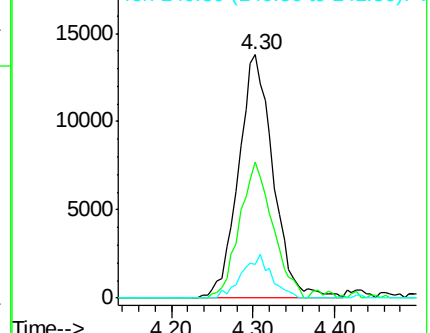
141 15.0 11.8 17.6

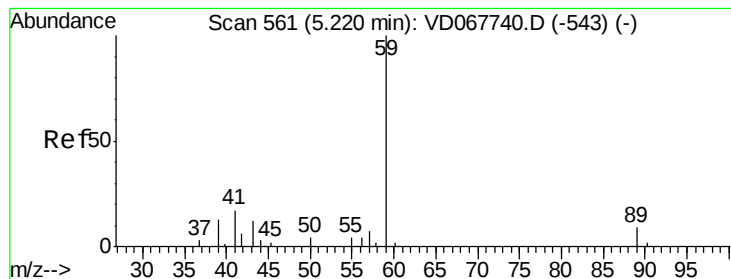


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 107.676 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

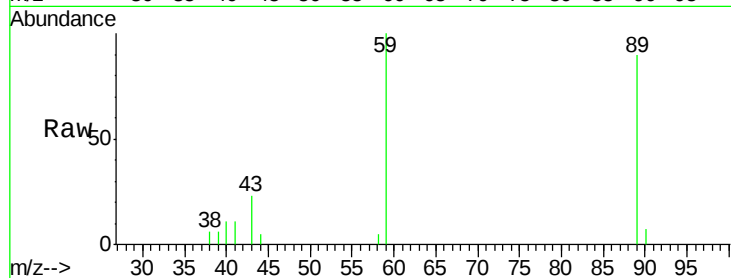
VD1130SBS01

Tgt Ion: 59 Resp: 15762

Ion Ratio Lower Upper

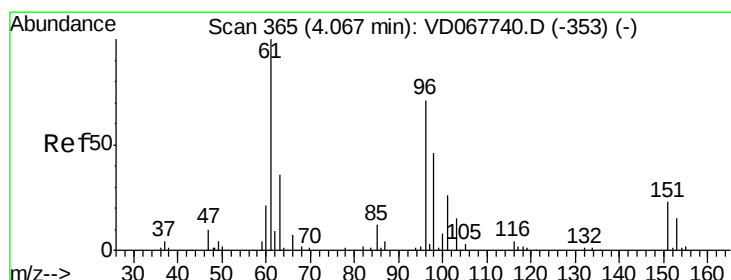
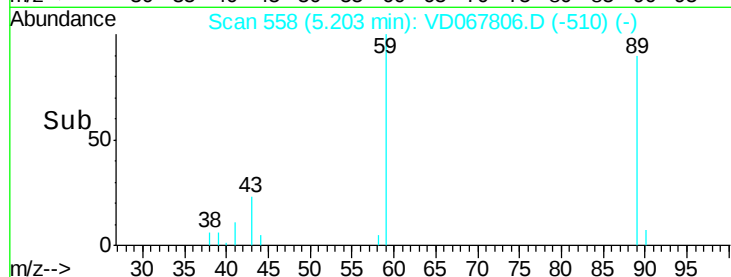
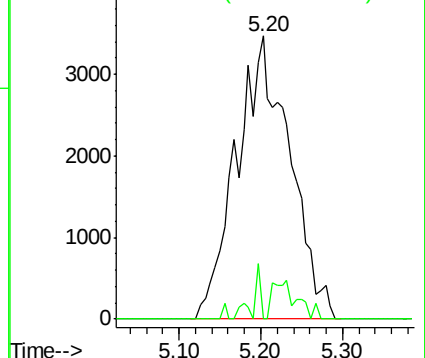
59 100

57 2.6 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.676 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

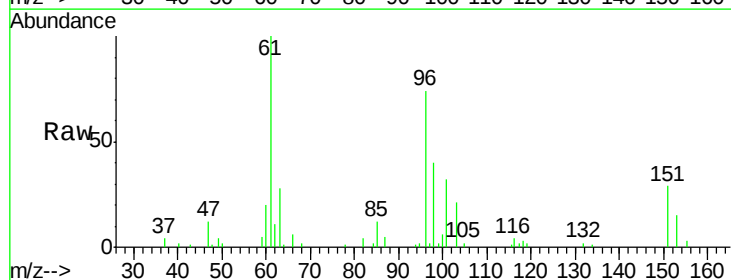
Tgt Ion: 96 Resp: 37891

Ion Ratio Lower Upper

96 100

61 135.5 112.9 169.3

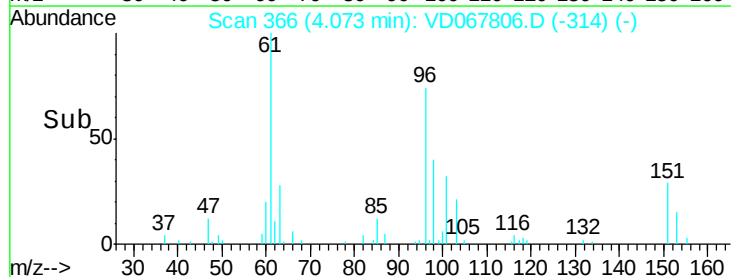
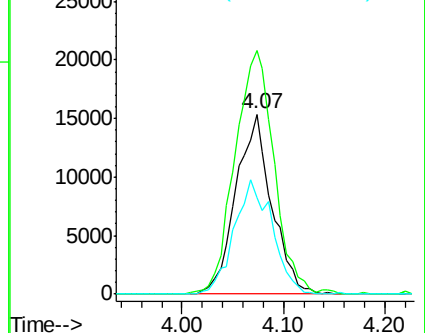
98 54.0 52.4 78.6

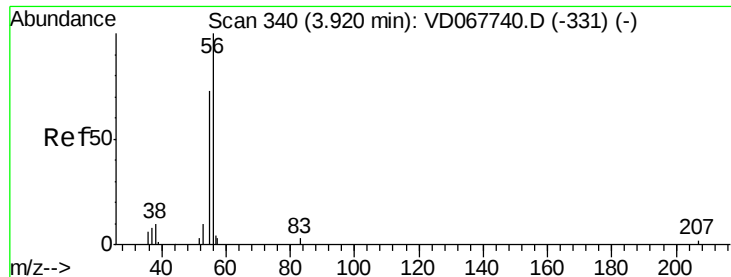


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 87.322 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

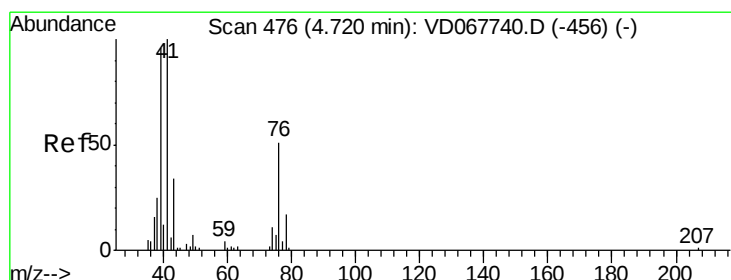
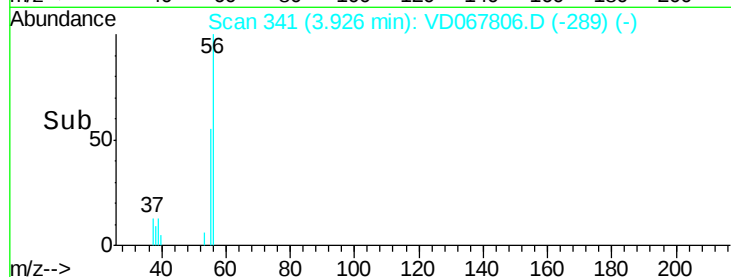
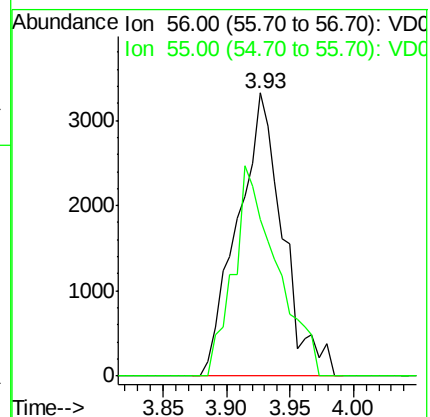
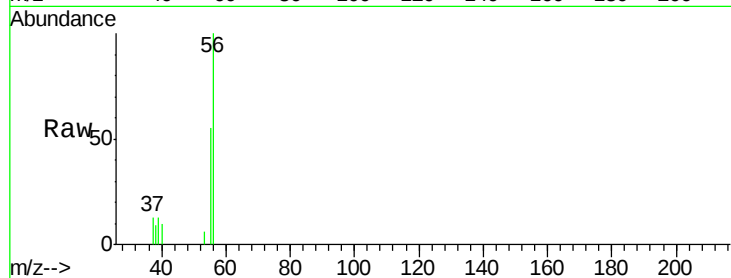
VD1130SBS01

Tgt Ion: 56 Resp: 8256

Ion Ratio Lower Upper

56 100

55 70.7 61.2 91.8



#14

Allyl chloride

Concen: 18.665 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

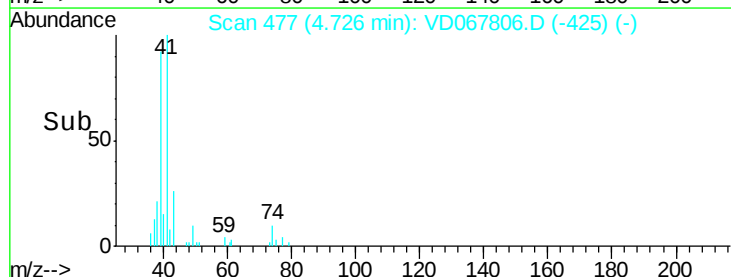
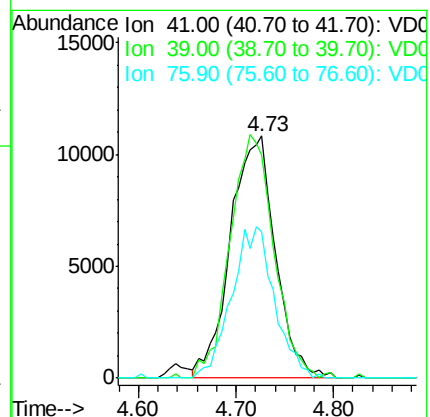
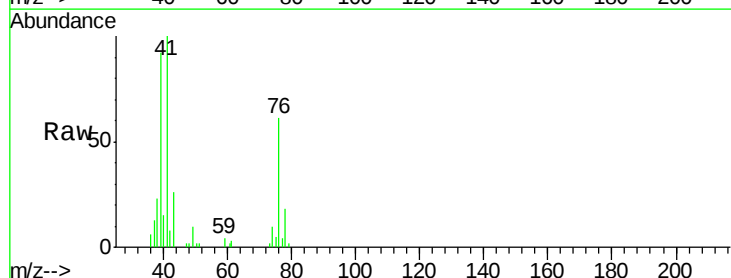
Tgt Ion: 41 Resp: 34744

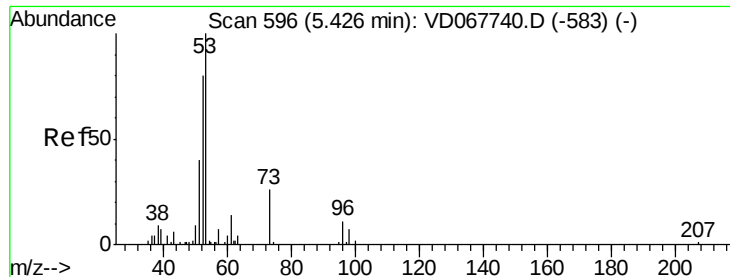
Ion Ratio Lower Upper

41 100

39 97.8 74.6 111.8

76 59.5 43.3 64.9





#15

Acrylonitrile

Concen: 93.674 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

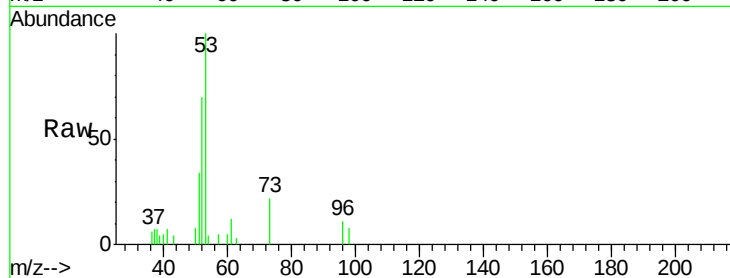
Tgt Ion: 53 Resp: 28628

Ion Ratio Lower Upper

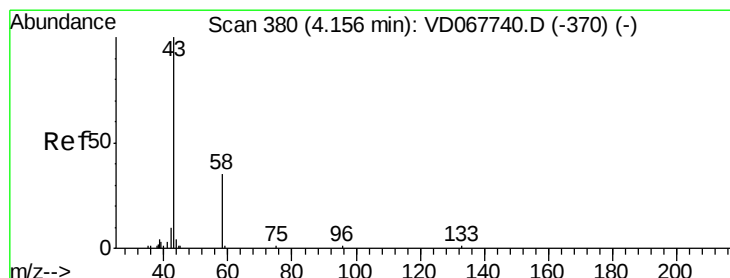
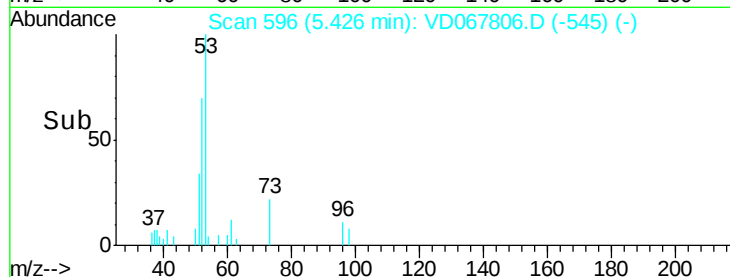
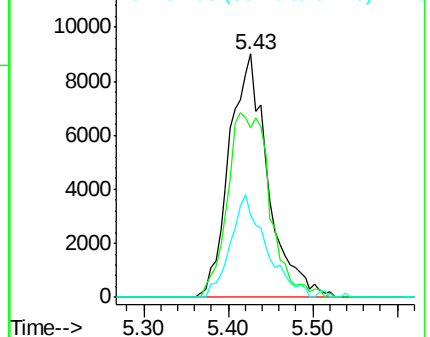
53 100

52 83.2 63.4 95.2

51 38.7 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 94.150 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067806.D

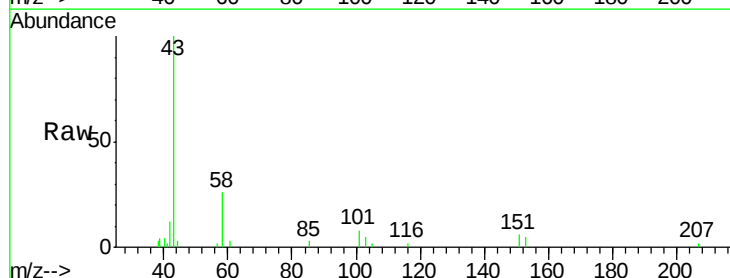
Acq: 30 Nov 2020 11:07

Tgt Ion: 43 Resp: 27744

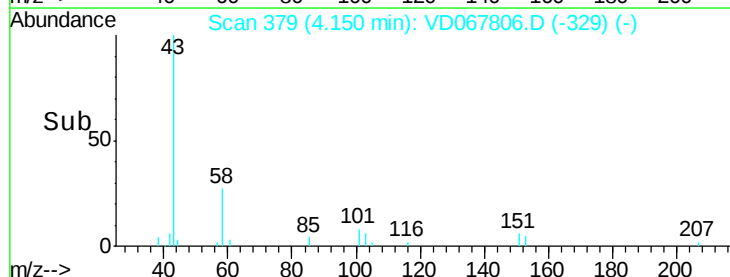
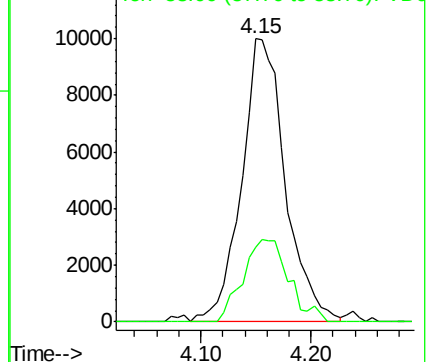
Ion Ratio Lower Upper

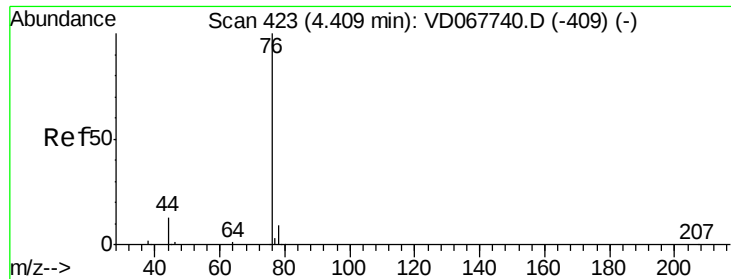
43 100

58 26.2 27.6 41.4#



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

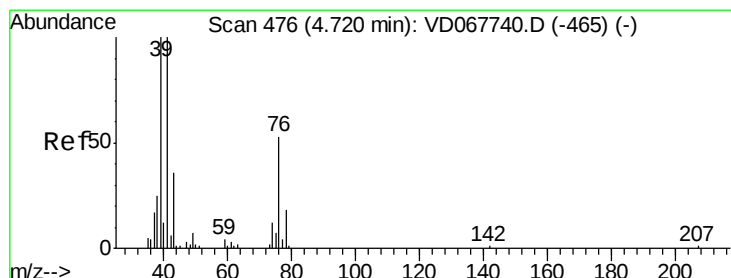
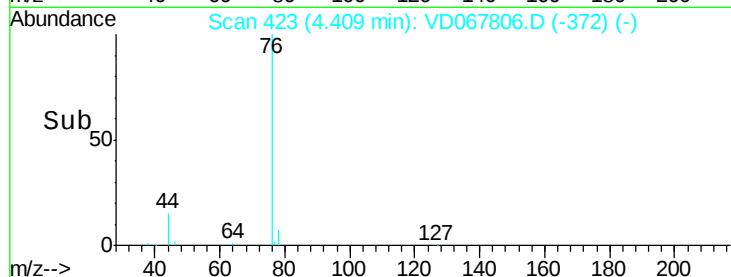
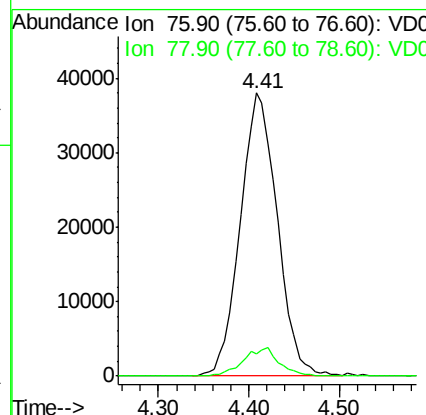
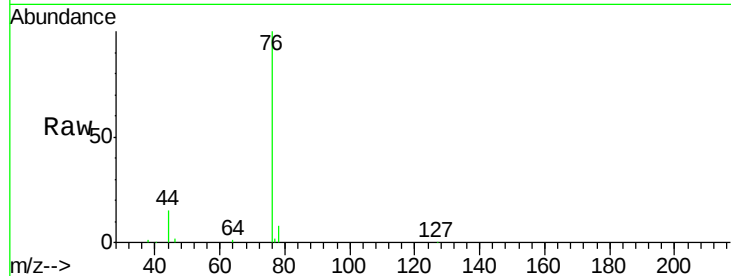




#17
Carbon Disulfide
Concen: 19.335 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

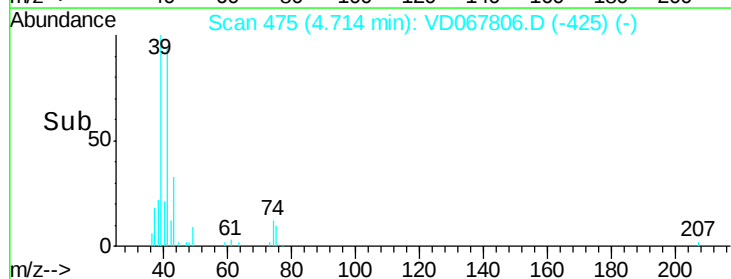
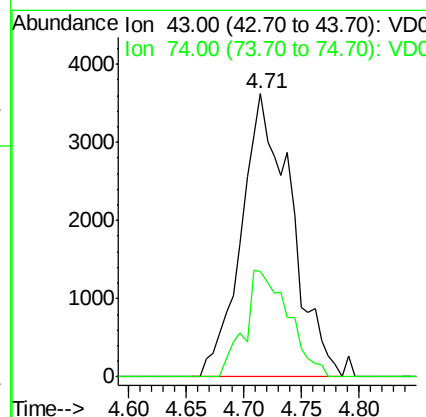
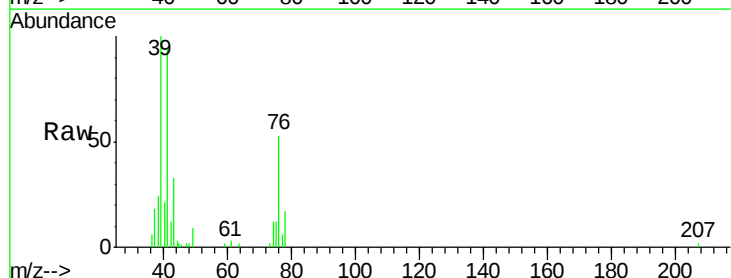
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

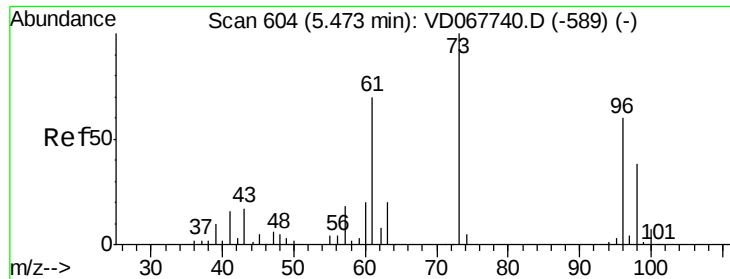
Tgt Ion: 76 Resp: 107689
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#18
Methyl Acetate
Concen: 18.329 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 43 Resp: 10866
Ion Ratio Lower Upper
43 100
74 33.2 29.7 44.5

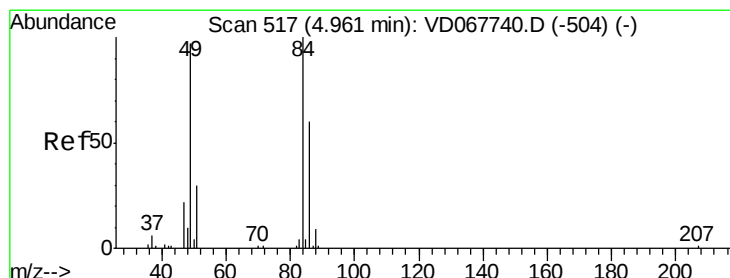
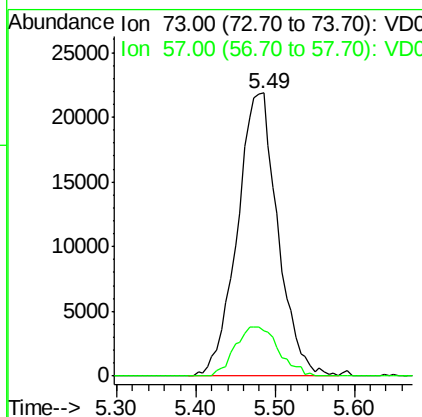
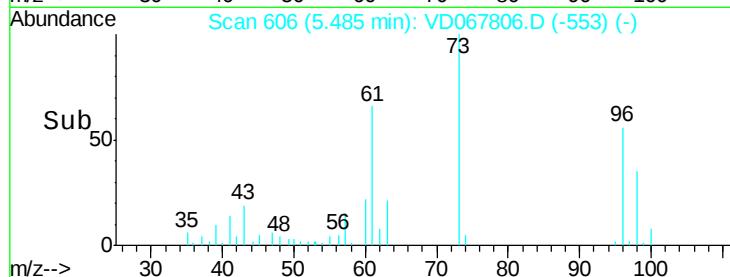
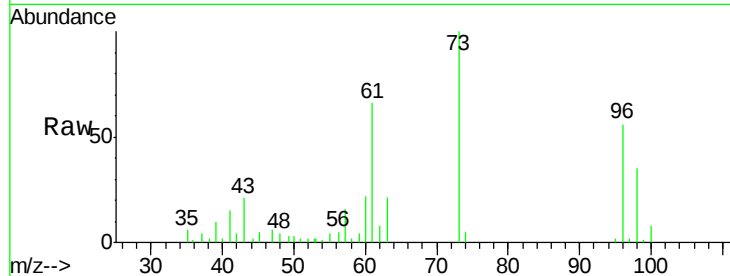




#19
Methyl tert-butyl Ether
Concen: 18.866 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

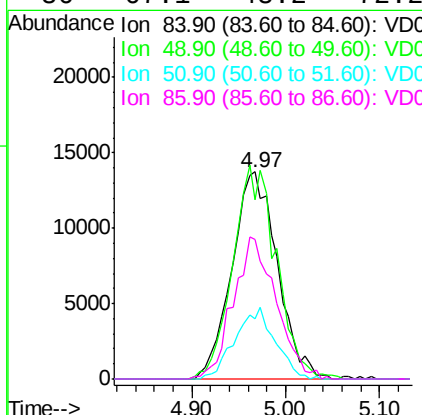
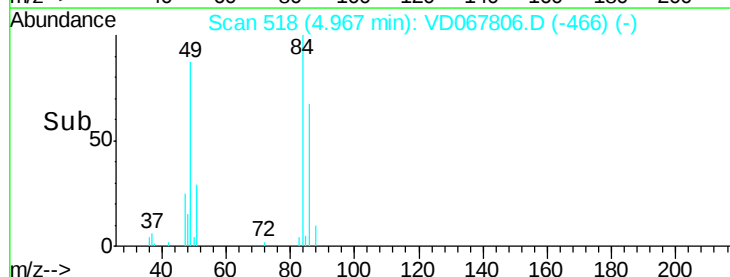
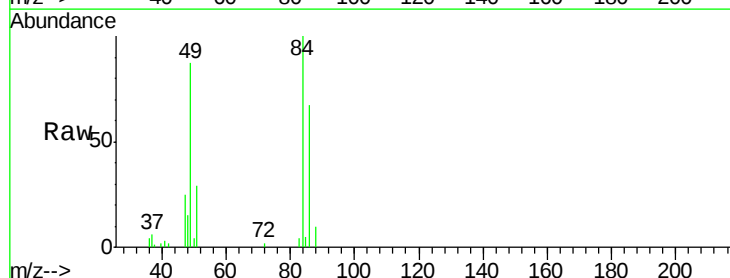
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

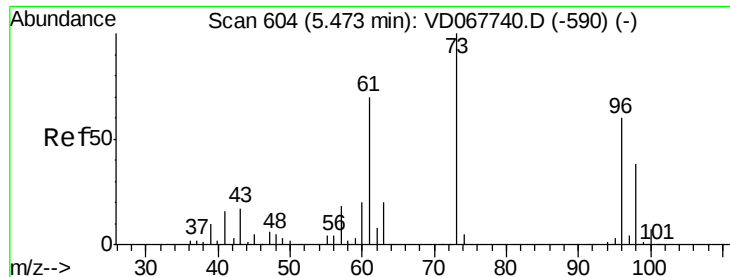
Tgt Ion: 73 Resp: 77643
Ion Ratio Lower Upper
73 100
57 16.0 14.8 22.2



#20
Methylene Chloride
Concen: 15.675 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 84 Resp: 46044
Ion Ratio Lower Upper
84 100
49 86.6 77.4 116.2
51 29.1 24.1 36.1
86 67.1 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.555 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

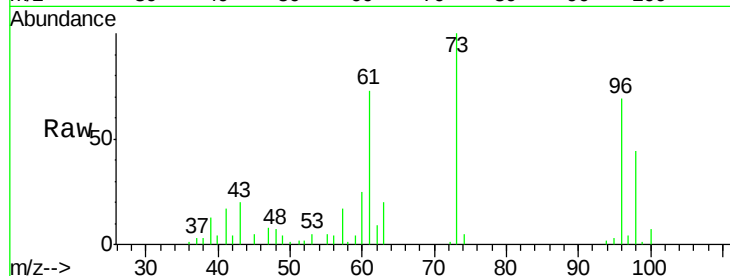
Tgt Ion: 96 Resp: 45002

Ion Ratio Lower Upper

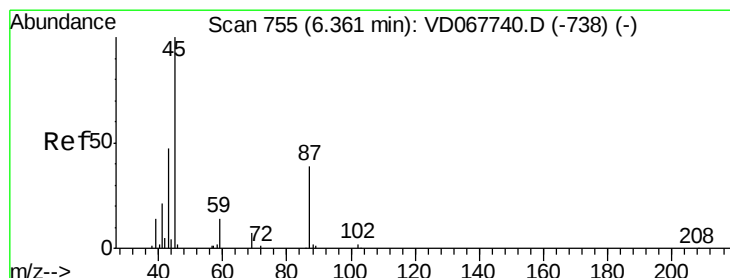
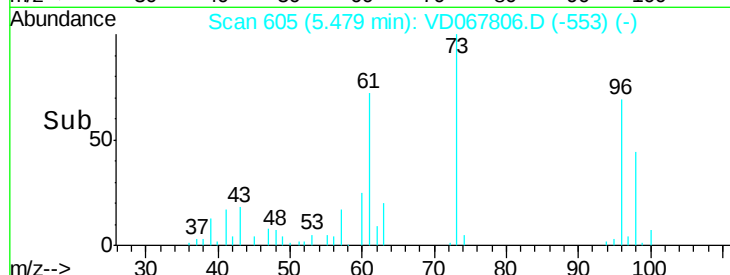
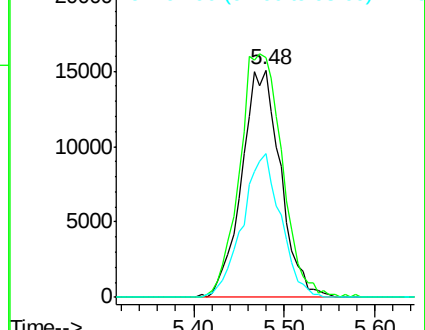
96 100

61 105.5 94.0 141.0

98 63.5 51.3 76.9



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



#22

Diisopropyl ether

Concen: 19.220 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion: 45 Resp: 70624

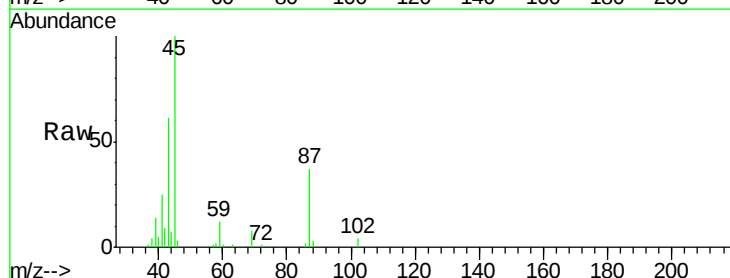
Ion Ratio Lower Upper

45 100

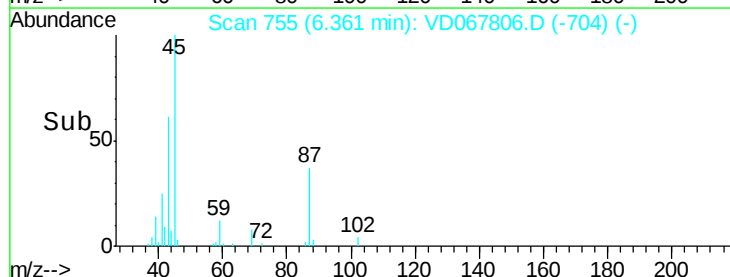
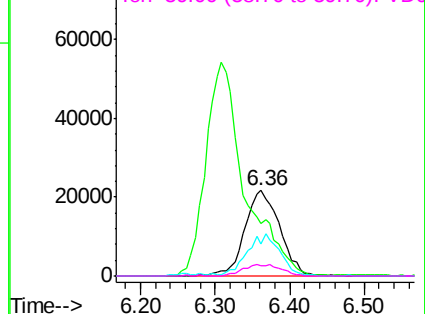
43 59.9 46.8 70.2

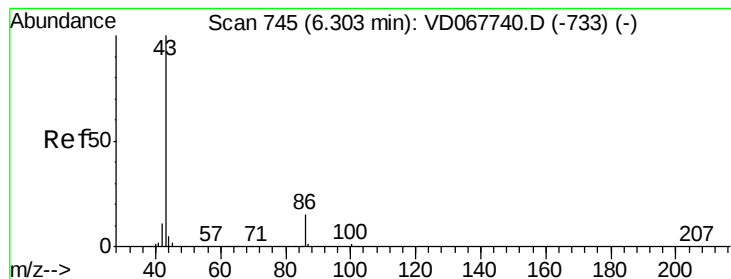
87 37.5 32.9 49.3

59 12.5 11.2 16.8



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 94.784 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

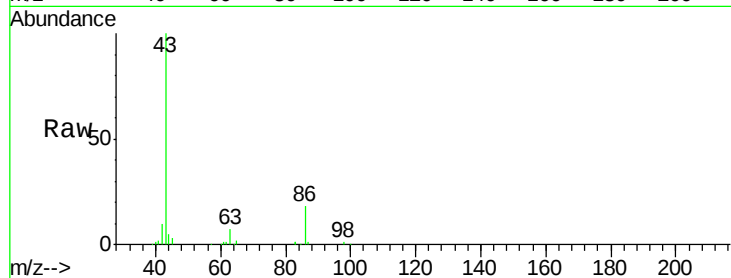
VD1130SBS01

Tgt Ion: 43 Resp: 196463

Ion Ratio Lower Upper

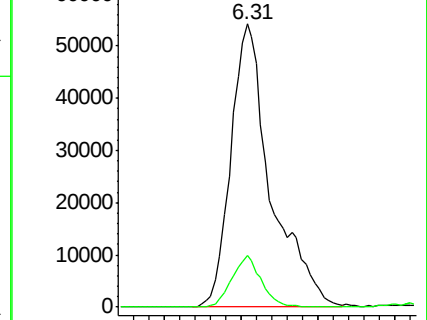
43 100

86 18.2 11.7 17.5#

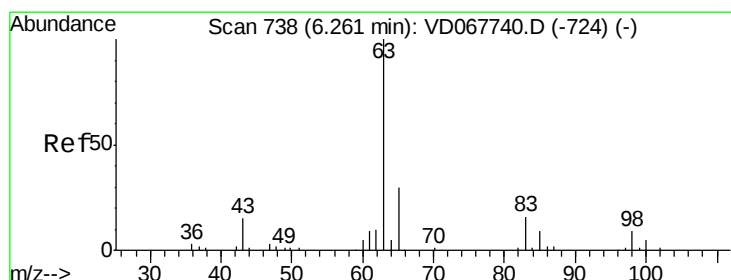
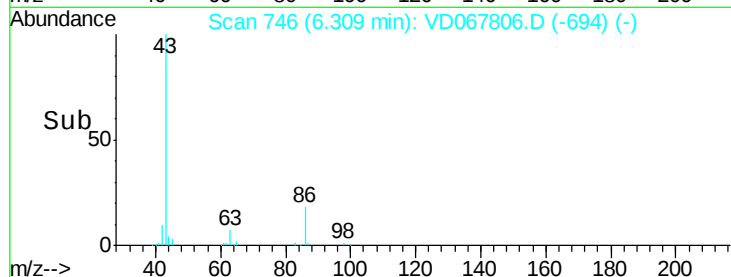


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 20.012 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

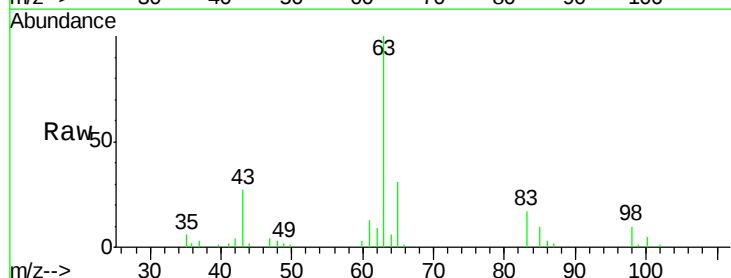
Tgt Ion: 63 Resp: 62344

Ion Ratio Lower Upper

63 100

98 10.1 4.4 13.2

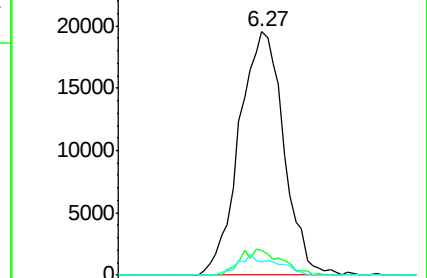
100 5.3 2.6 8.0



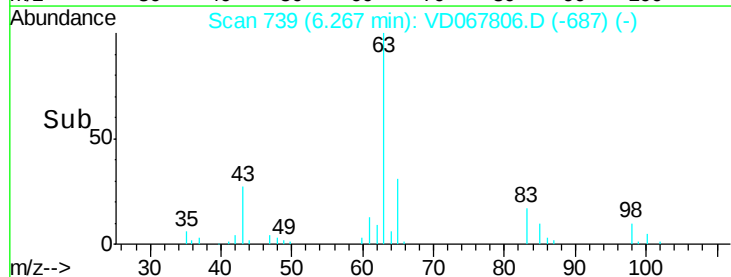
Abundance Ion 62.90 (62.60 to 63.60): VDC

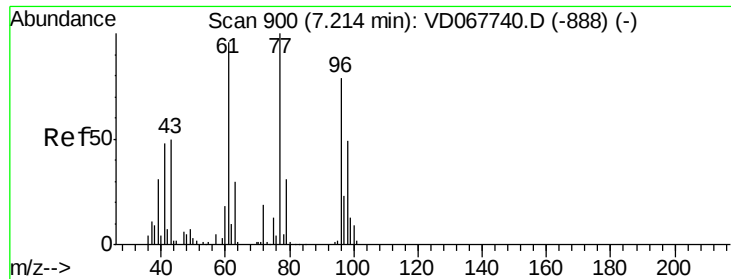
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





#25

2-Butanone

Concen: 89.763 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

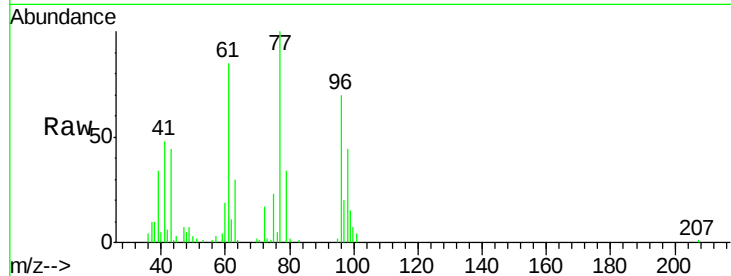
VD1130SBS01

Tgt Ion: 43 Resp: 29682

Ion Ratio Lower Upper

43 100

72 38.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

12000

10000

8000

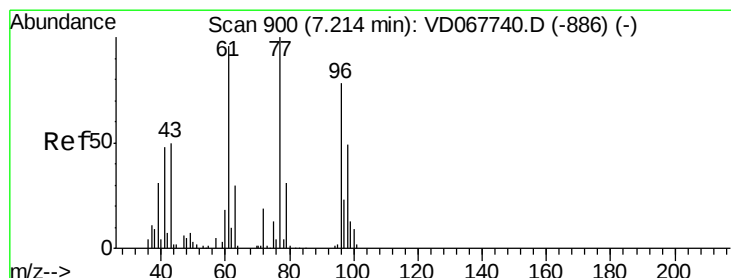
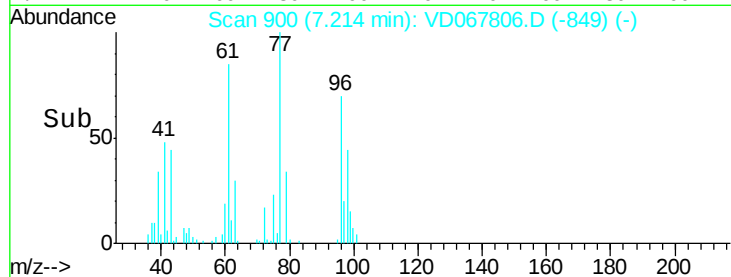
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 20.615 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067806.D

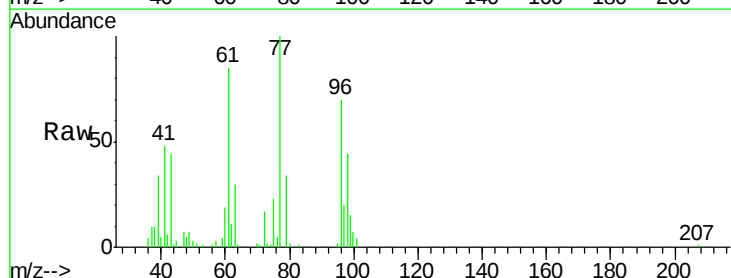
Acq: 30 Nov 2020 11:07

Tgt Ion: 77 Resp: 75765

Ion Ratio Lower Upper

77 100

97 20.8 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

30000

25000

20000

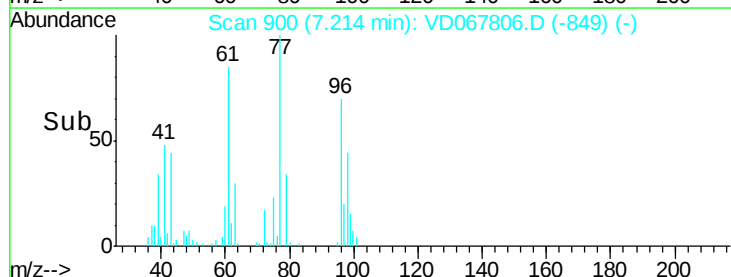
15000

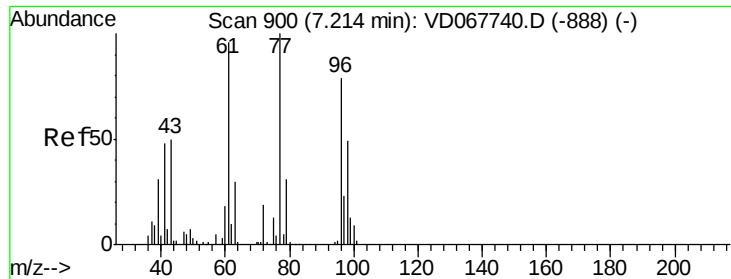
10000

5000

0

Time--> 7.10 7.20 7.30



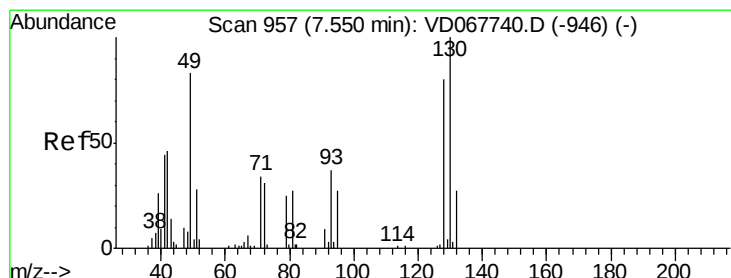
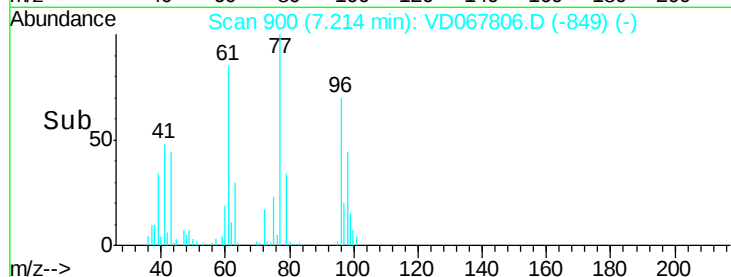
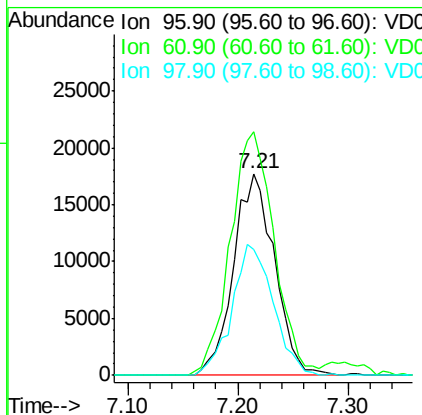
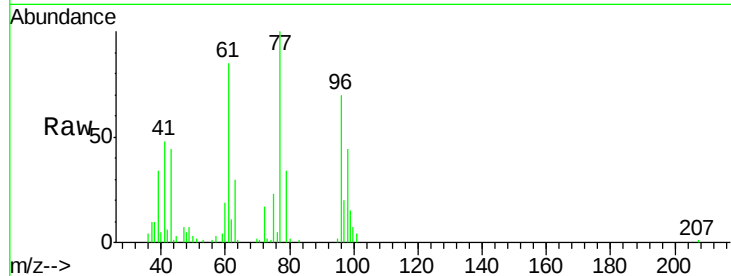


#27

cis-1,2-Dichloroethene
 Concen: 19.825 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

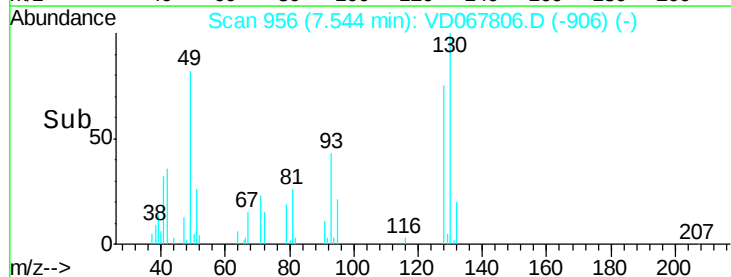
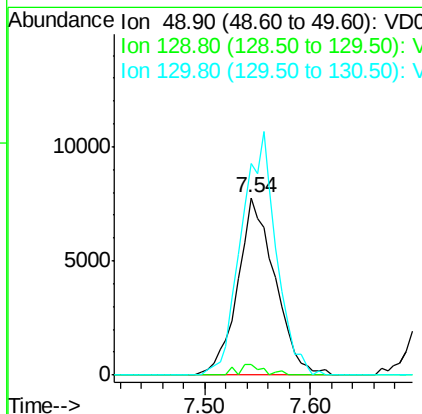
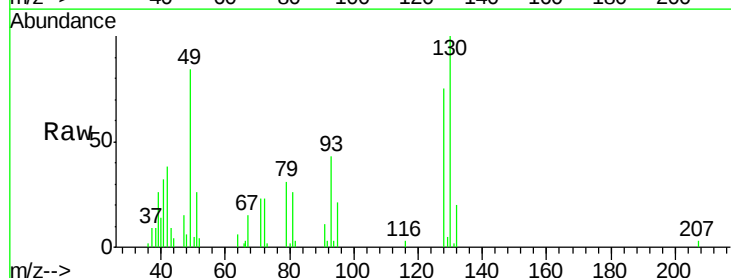
Tgt Ion: 96 Resp: 46264
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 258.0
 98 64.9 0.0 131.8

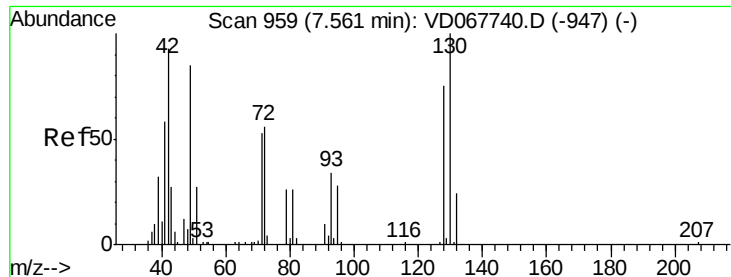


#28

Bromochloromethane
 Concen: 19.050 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 49 Resp: 19010
 Ion Ratio Lower Upper
 49 100
 129 3.9 0.0 7.0
 130 128.4 102.2 153.4

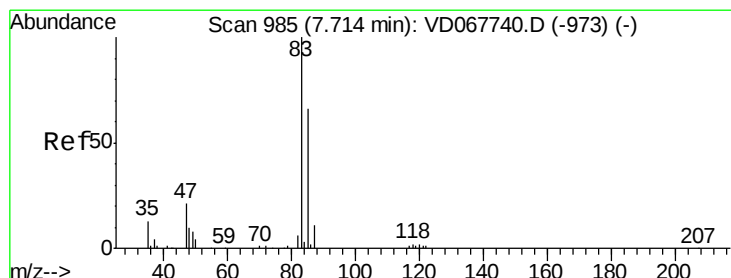
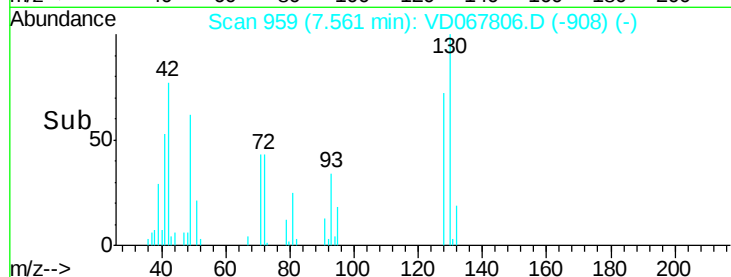
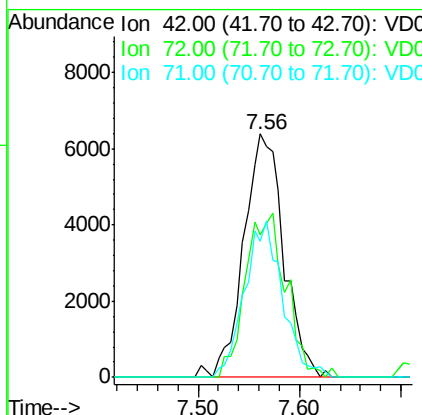
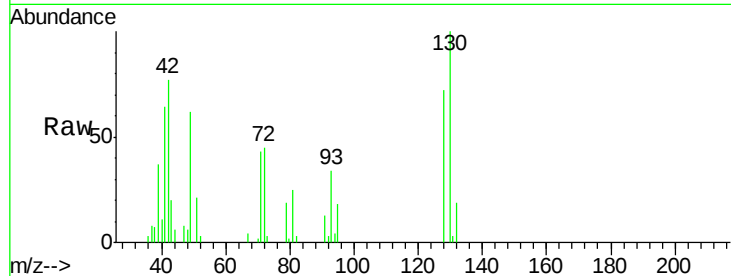




#29
Tetrahydrofuran
Concen: 93.645 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

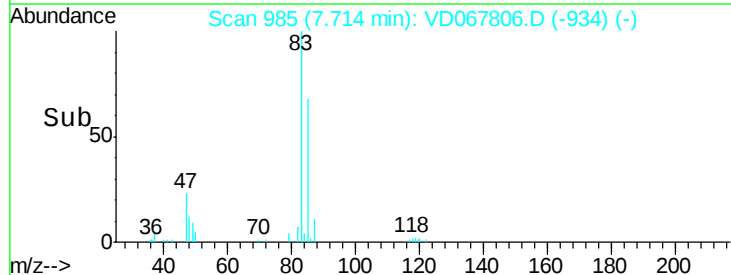
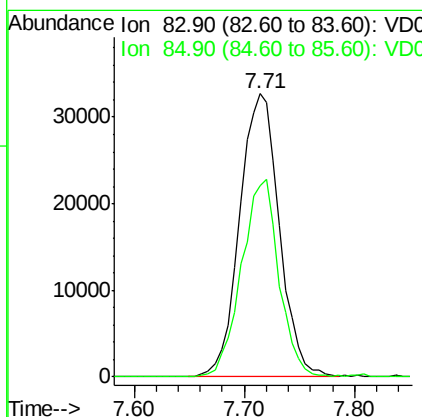
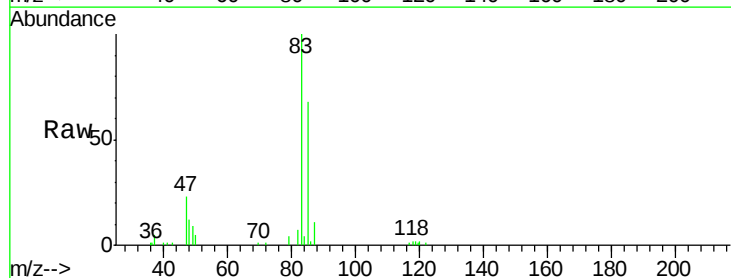
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

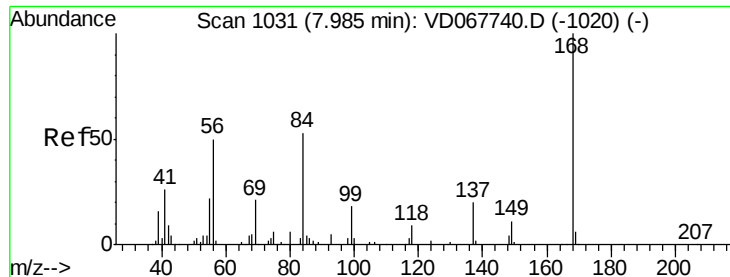
Tgt Ion: 42 Resp: 17606
Ion Ratio Lower Upper
42 100
72 67.5 49.3 73.9
71 60.8 45.9 68.9



#30
Chloroform
Concen: 20.221 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 83 Resp: 82378
Ion Ratio Lower Upper
83 100
85 67.7 53.1 79.7

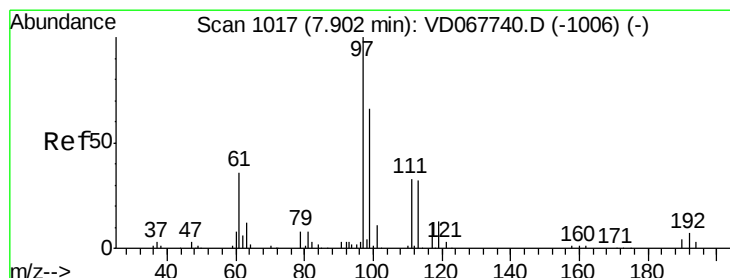
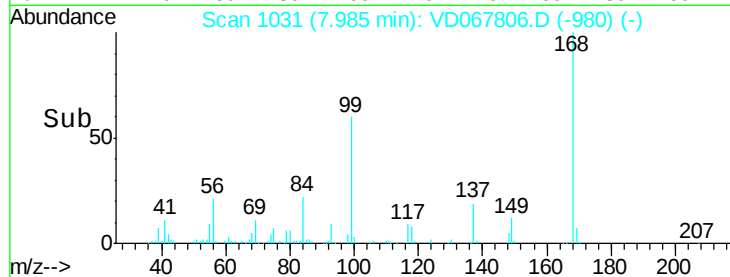
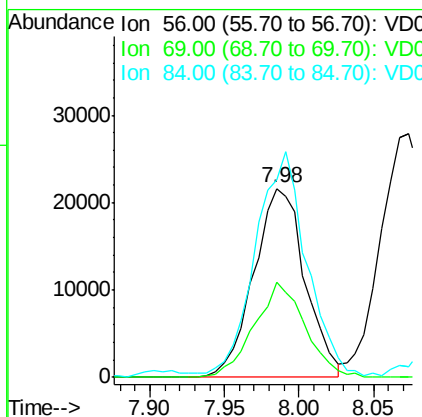
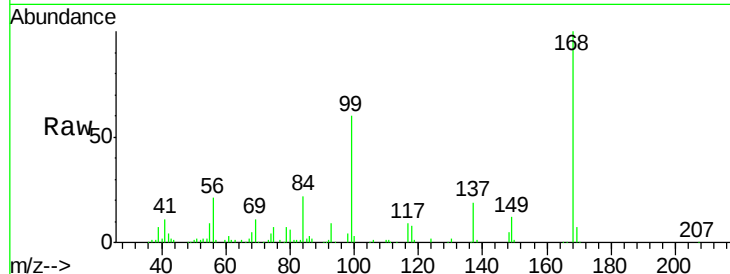




#31
Cyclohexane
Concen: 18.727 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

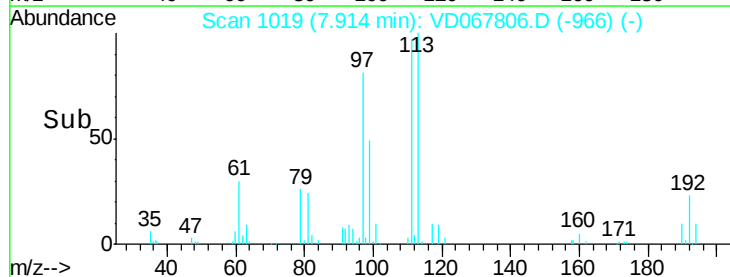
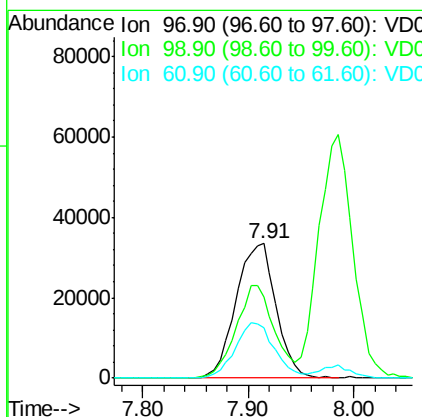
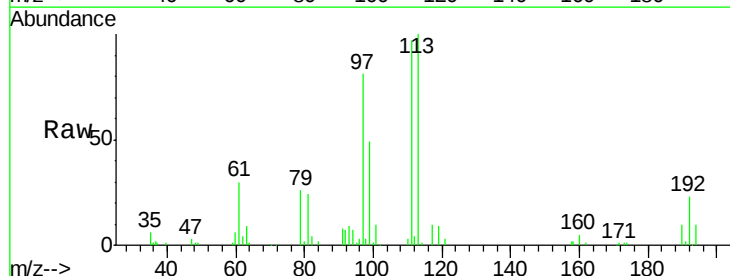
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

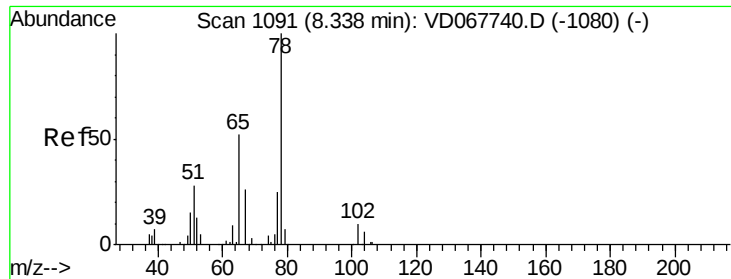
Tgt Ion: 56 Resp: 51686
Ion Ratio Lower Upper
56 100
69 50.5 33.2 49.8#
84 102.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.357 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 97 Resp: 87828
Ion Ratio Lower Upper
97 100
99 65.8 51.1 76.7
61 40.2 29.4 44.2

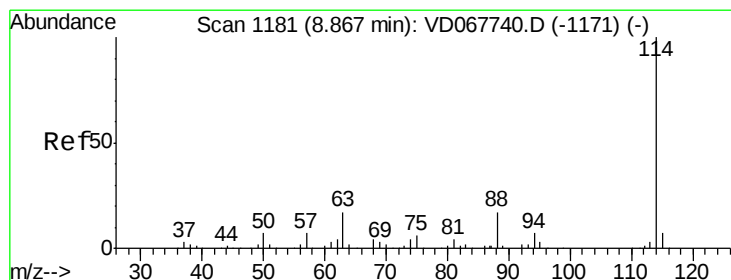
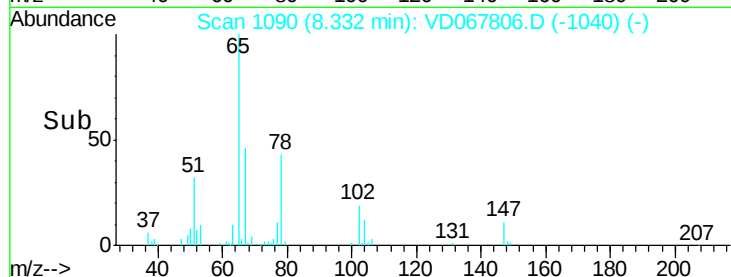
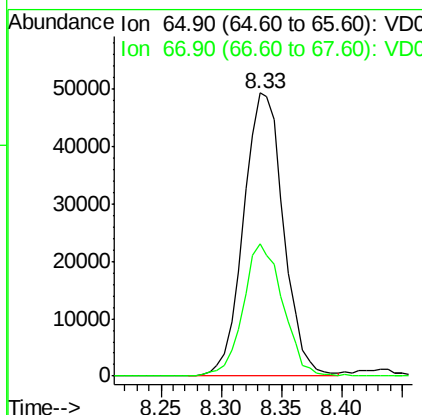
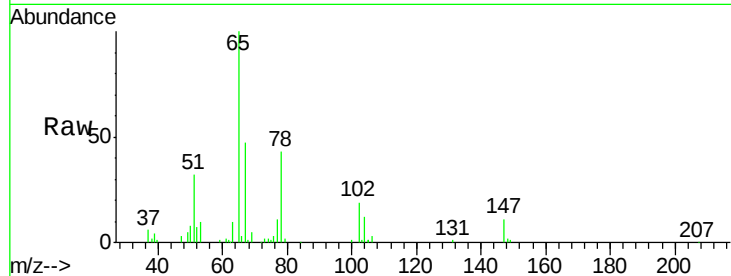




#33
 1,2-Dichloroethane-d4
 Concen: 49.765 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

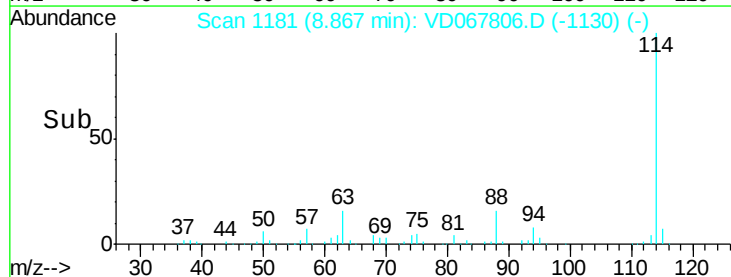
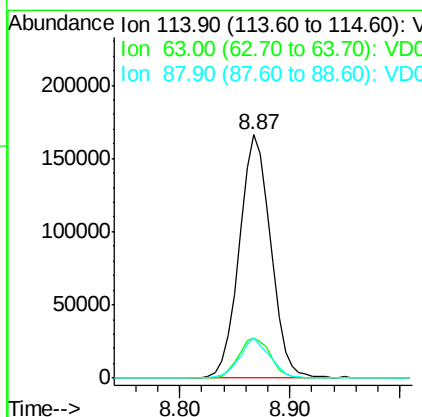
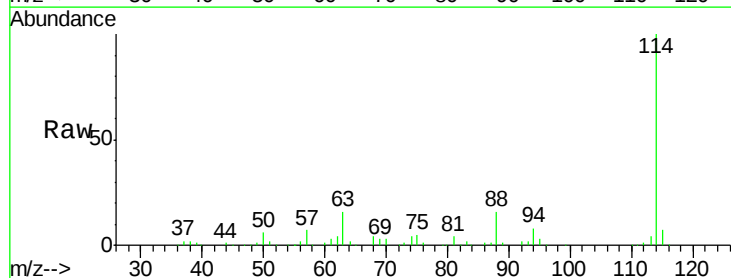
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

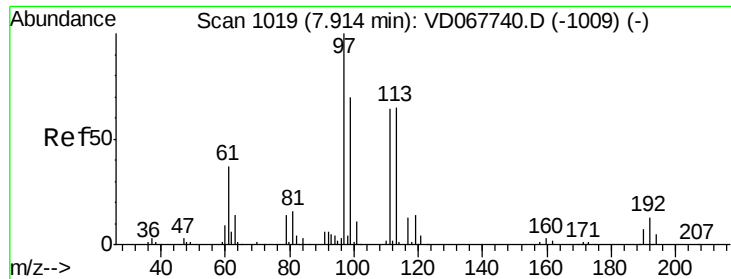
Tgt Ion: 65 Resp: 113515
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 114 Resp: 333334
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 34.8
 88 16.5 0.0 34.4

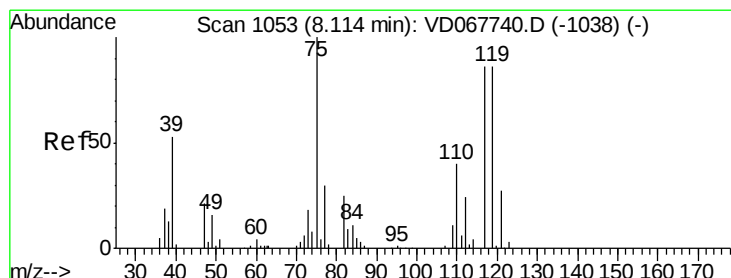
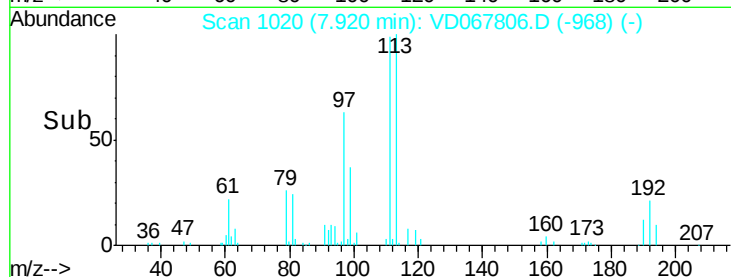
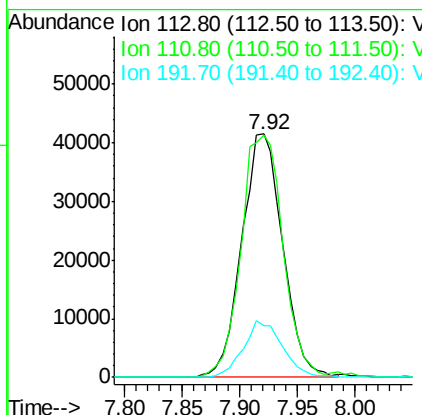
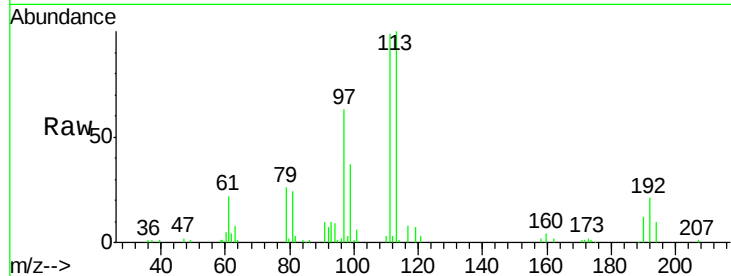




#35
 Dibromofluoromethane
 Concen: 48.388 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

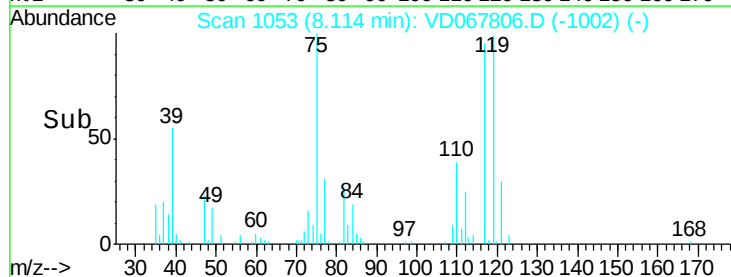
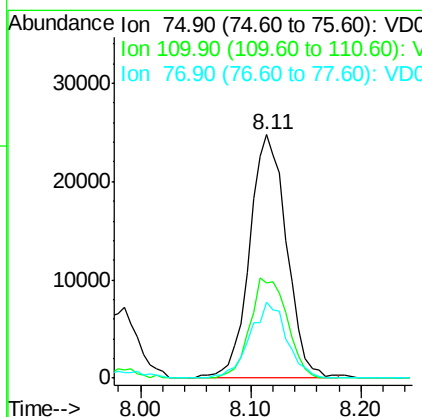
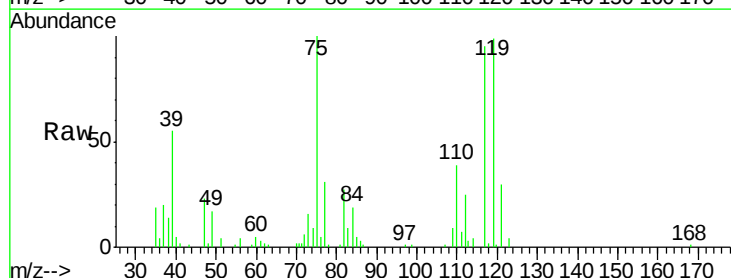
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

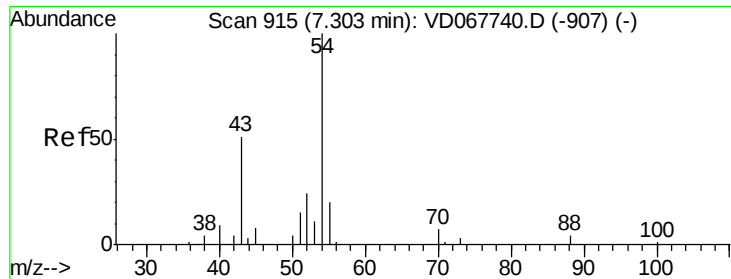
Tgt Ion: 113 Resp: 102648
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 22.3 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 20.413 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 75 Resp: 58388
 Ion Ratio Lower Upper
 75 100
 110 41.0 20.1 60.2
 77 31.0 24.8 37.2

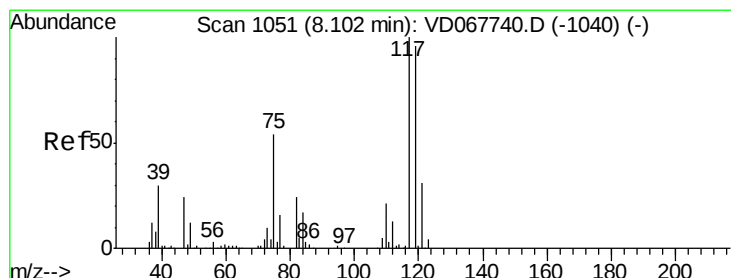
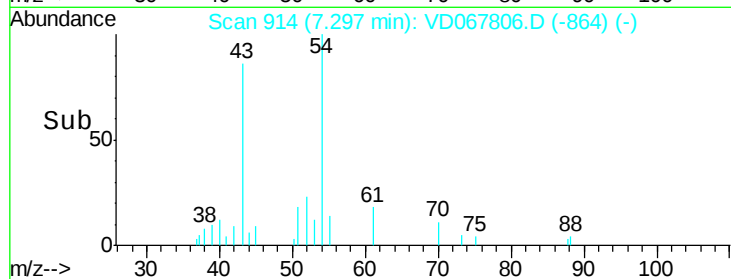
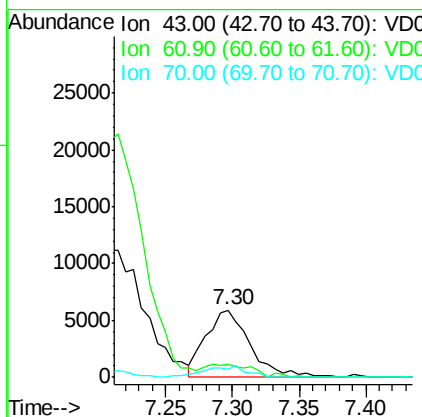
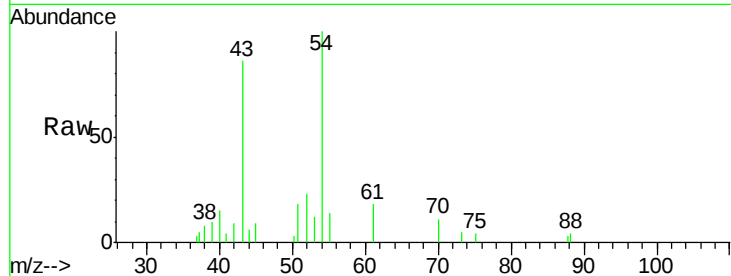




#37
Ethyl Acetate
 Concen: 17.812 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

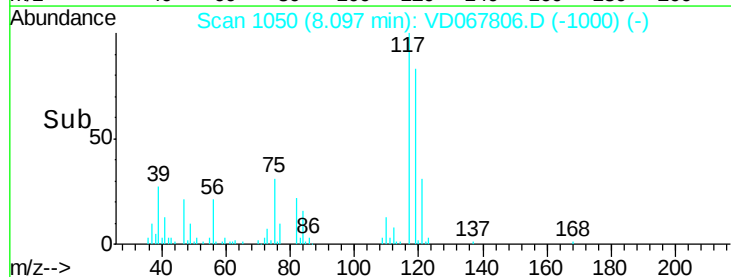
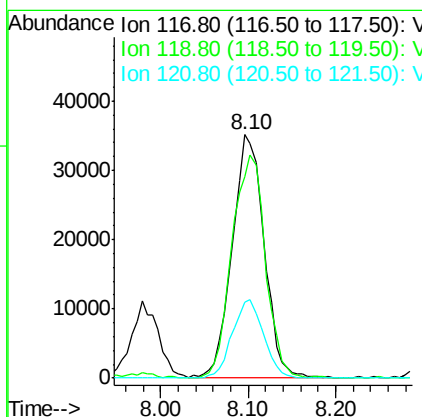
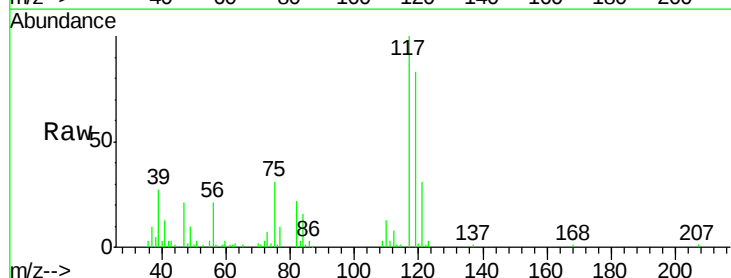
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

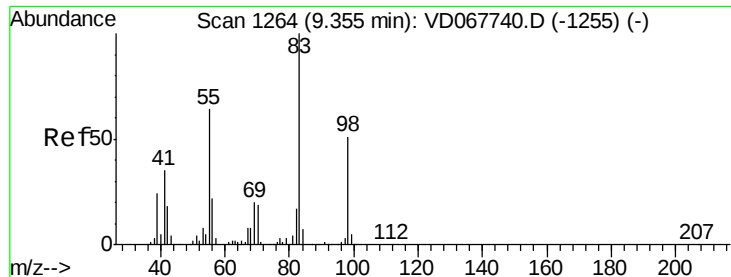
Tgt Ion: 43 Resp: 13700
 Ion Ratio Lower Upper
 43 100
 61 21.8 12.9 19.3#
 70 16.3 12.2 18.2



#38
Carbon Tetrachloride
 Concen: 21.030 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 117 Resp: 87197
 Ion Ratio Lower Upper
 117 100
 119 83.0 76.6 115.0
 121 31.1 24.5 36.7

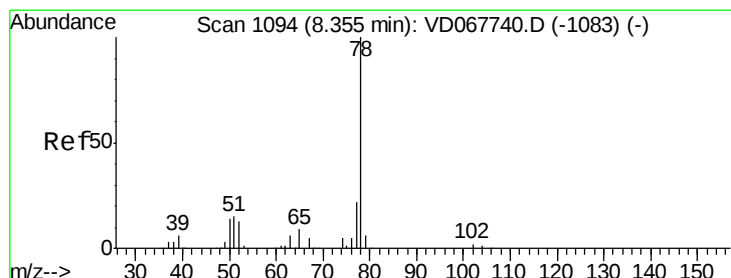
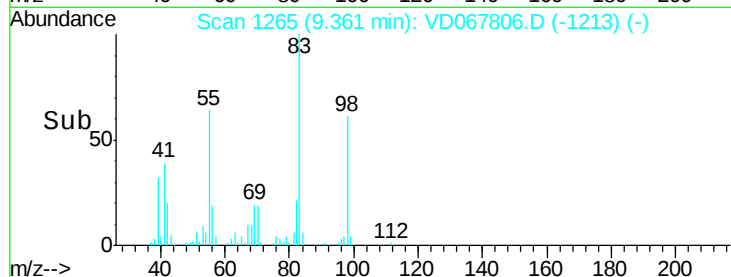
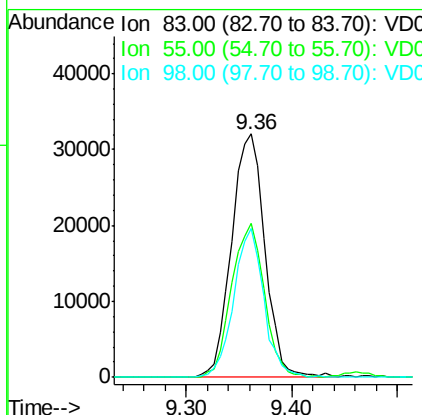
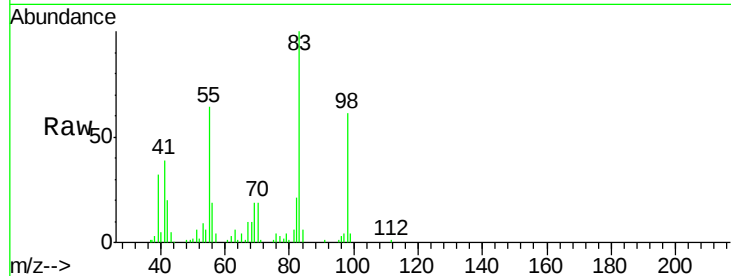




#39
Methylcyclohexane
Concen: 20.701 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

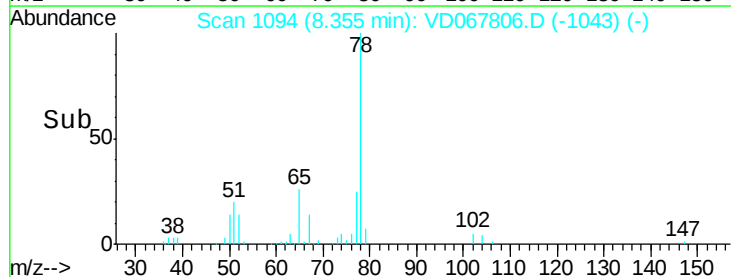
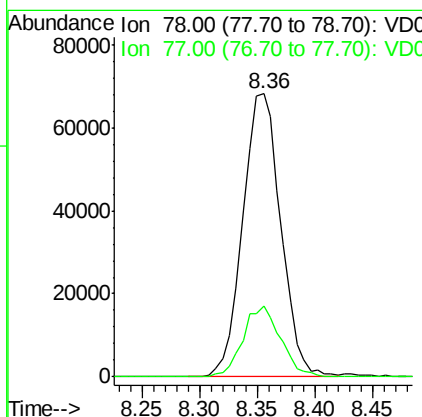
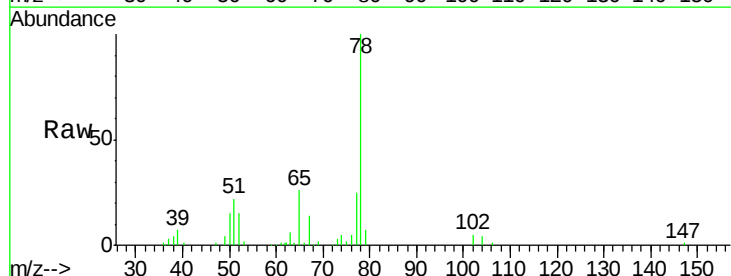
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

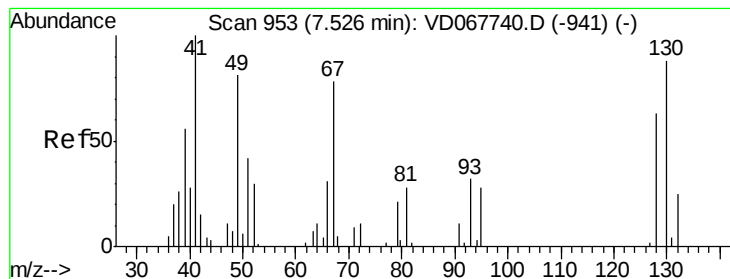
Tgt Ion: 83 Resp: 70075
Ion Ratio Lower Upper
83 100
55 63.5 51.0 76.4
98 61.0 40.4 60.6#



#40
Benzene
Concen: 19.920 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 78 Resp: 156489
Ion Ratio Lower Upper
78 100
77 25.0 17.8 26.6





#41

Methacrylonitrile

Concen: 24.385 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

Tgt Ion: 41 Resp: 9577

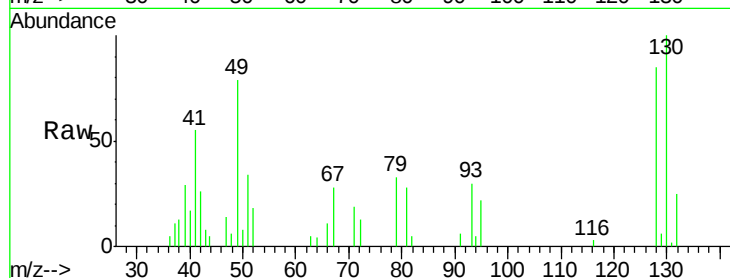
Ion Ratio Lower Upper

41 100

39 0.0 50.2 75.4#

67 0.0 79.0 118.6#

52 0.0 32.4 48.6#



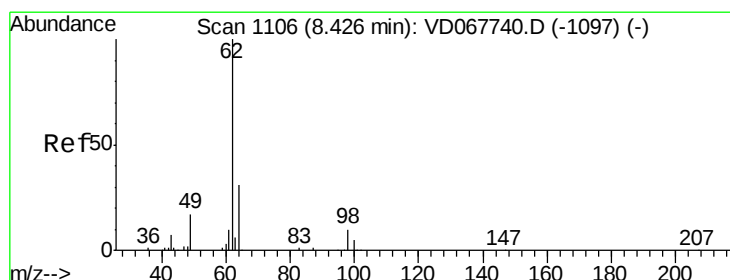
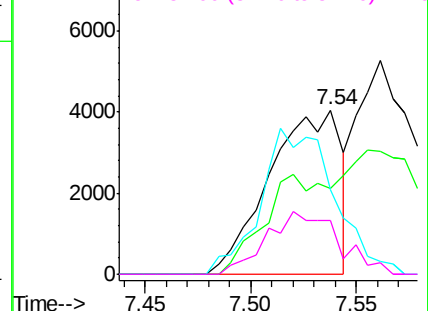
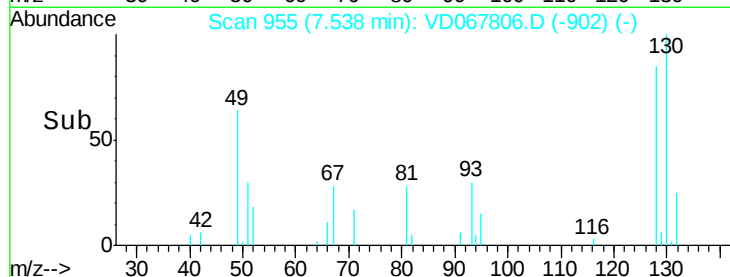
Abundance

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: 21.201 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD067806.D

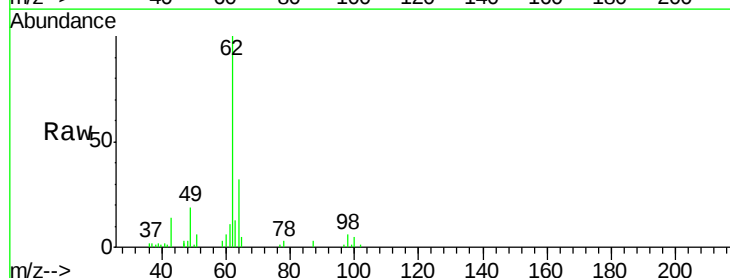
Acq: 30 Nov 2020 11:07

Tgt Ion: 62 Resp: 56513

Ion Ratio Lower Upper

62 100

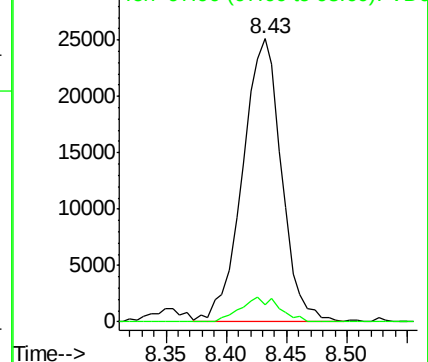
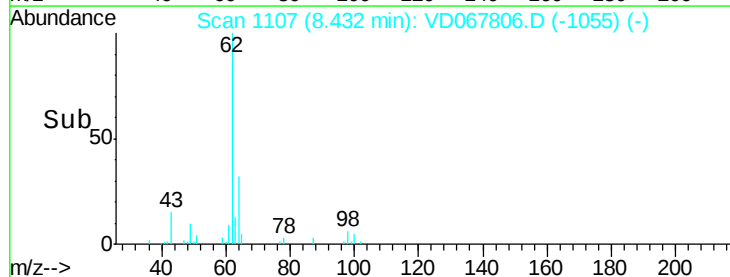
98 8.7 0.0 18.2

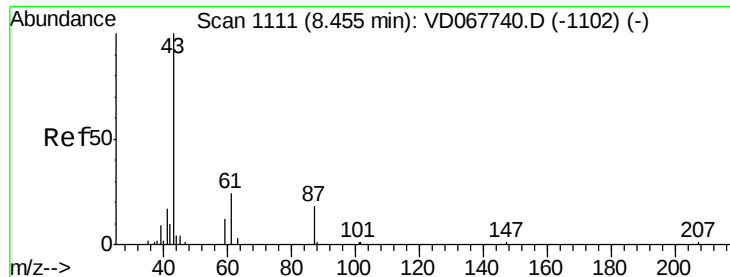


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 17.851 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

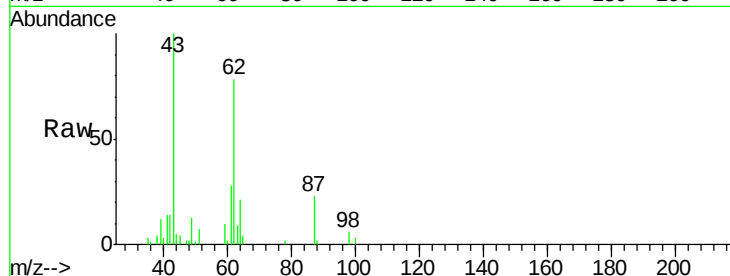
Tgt Ion: 43 Resp: 27419

Ion Ratio Lower Upper

43 100

61 43.3 30.2 45.4

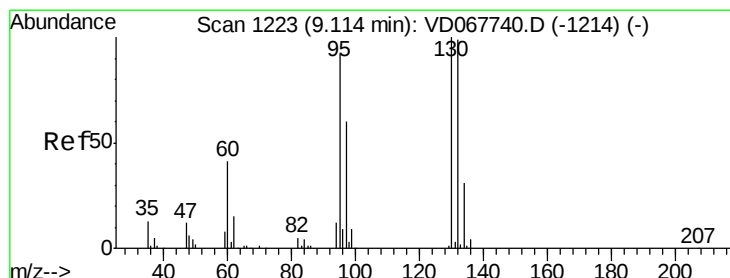
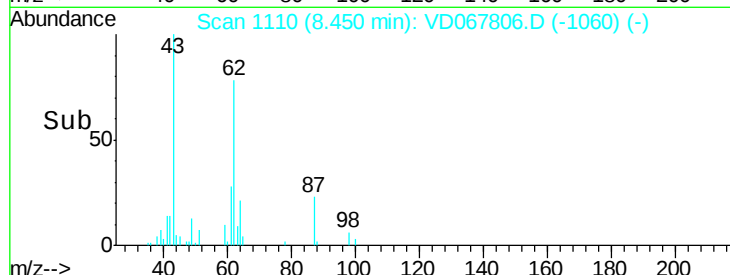
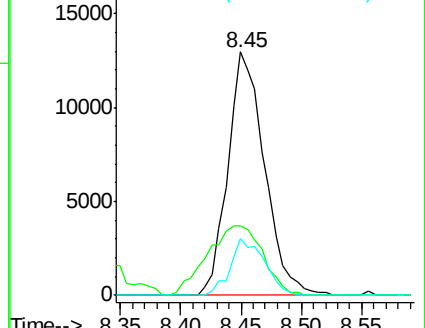
87 21.8 14.2 21.4#



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: 20.959 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067806.D

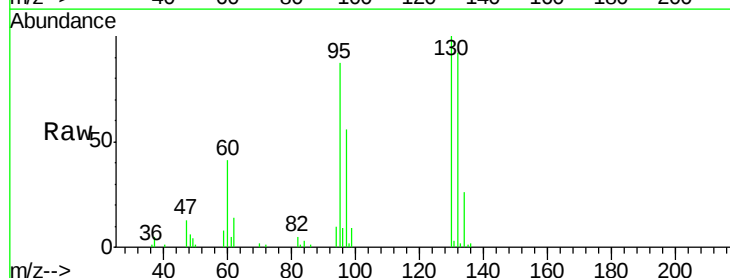
Acq: 30 Nov 2020 11:07

Tgt Ion: 130 Resp: 54570

Ion Ratio Lower Upper

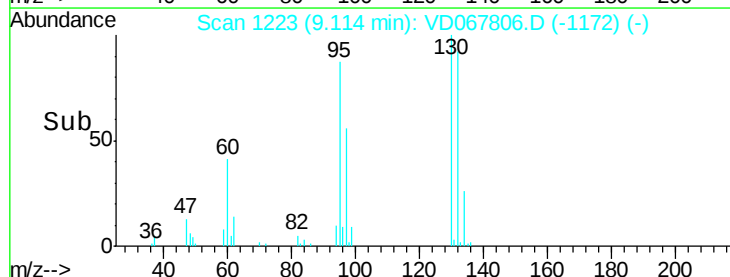
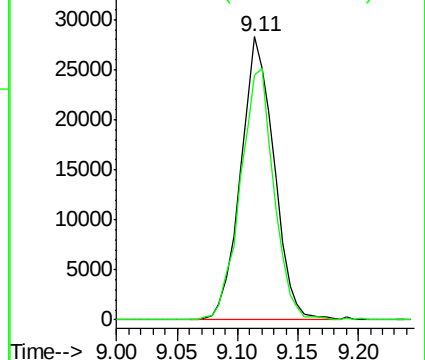
130 100

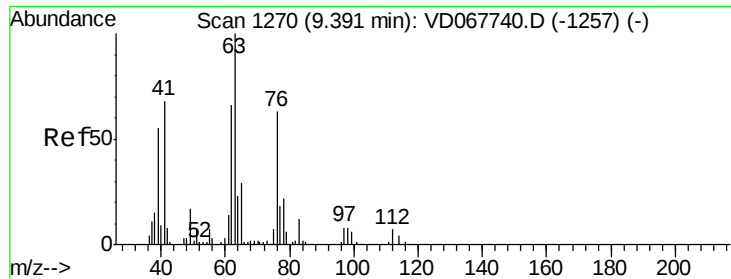
95 86.5 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.492 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

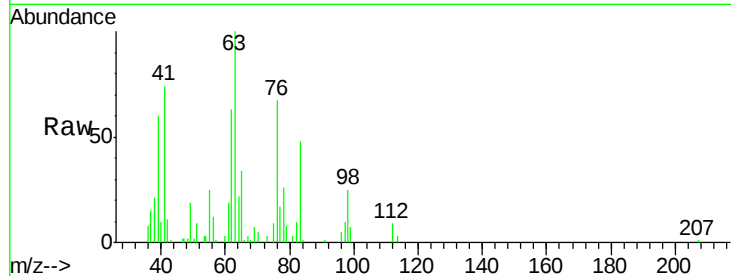
VD1130SBS01

Tgt Ion: 63 Resp: 31420

Ion Ratio Lower Upper

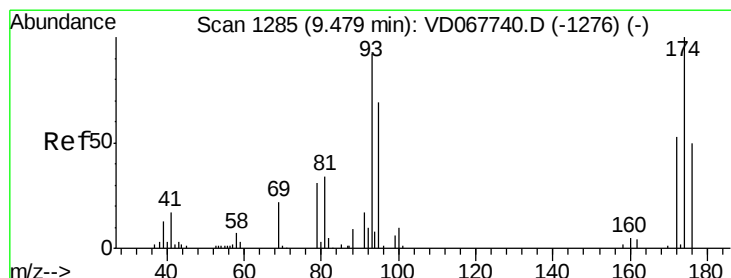
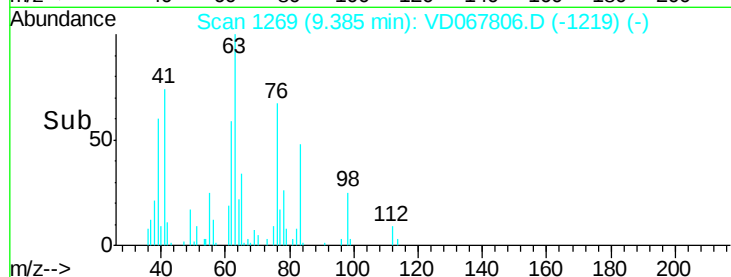
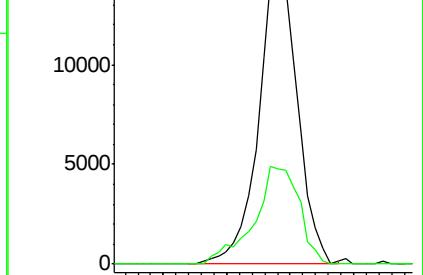
63 100

65 34.4 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.557 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

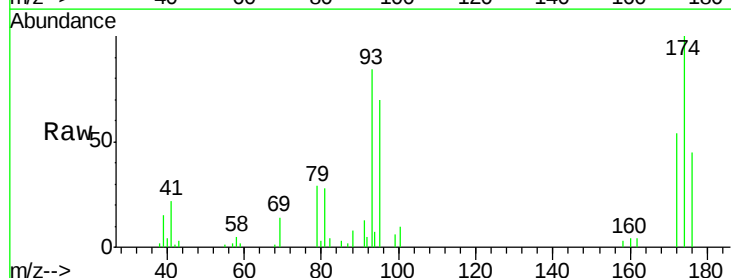
Tgt Ion: 93 Resp: 21463

Ion Ratio Lower Upper

93 100

95 85.0 63.4 95.2

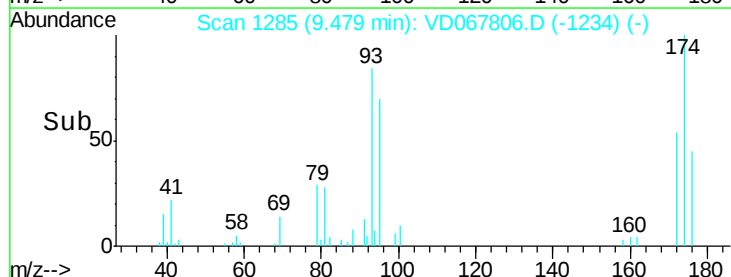
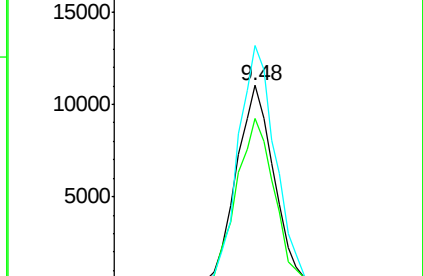
174 118.1 89.6 134.4

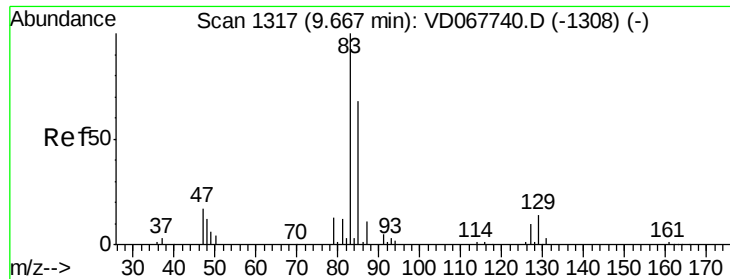


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 20.982 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

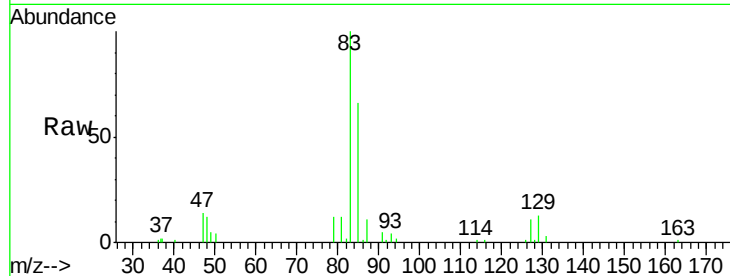
Tgt Ion: 83 Resp: 64121

Ion Ratio Lower Upper

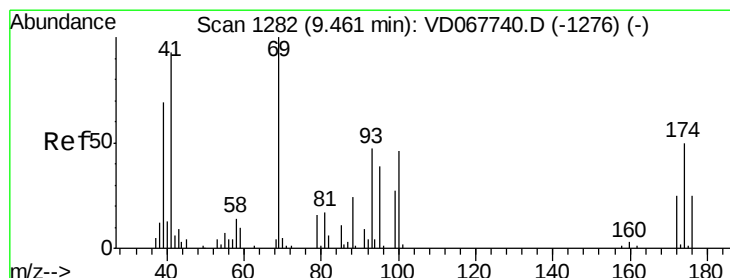
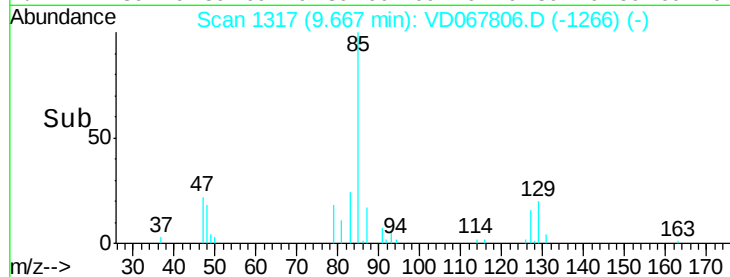
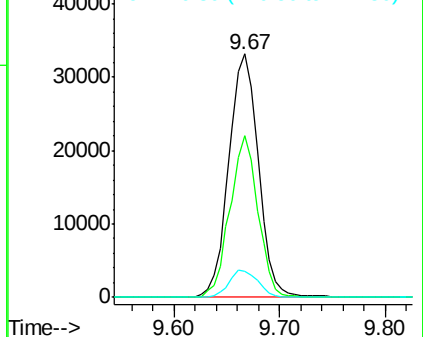
83 100

85 66.3 54.2 81.2

127 10.8 7.6 11.4



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



#48

Methyl methacrylate

Concen: 20.462 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

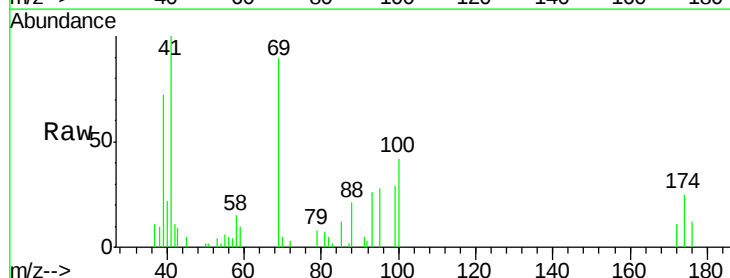
Tgt Ion: 41 Resp: 15713

Ion Ratio Lower Upper

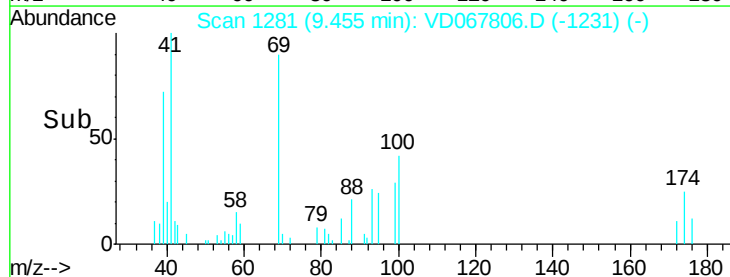
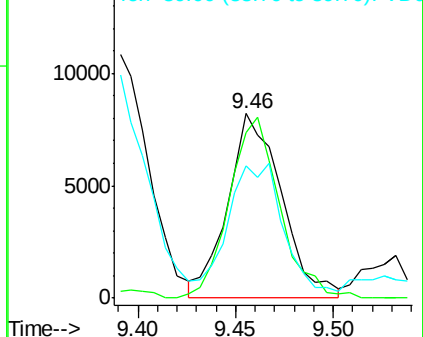
41 100

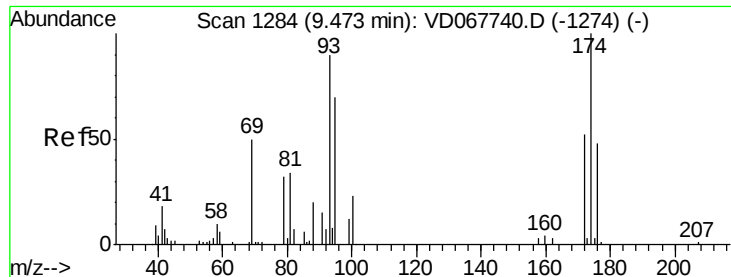
69 92.1 87.8 131.6

39 68.3 60.5 90.7



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

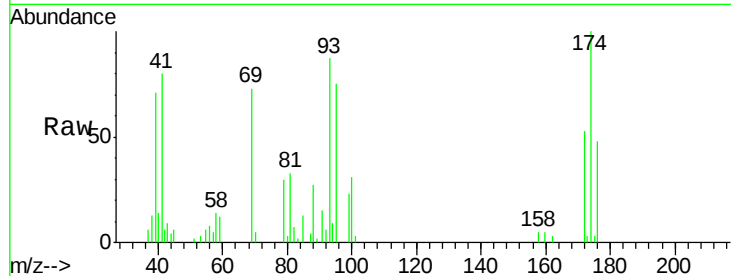




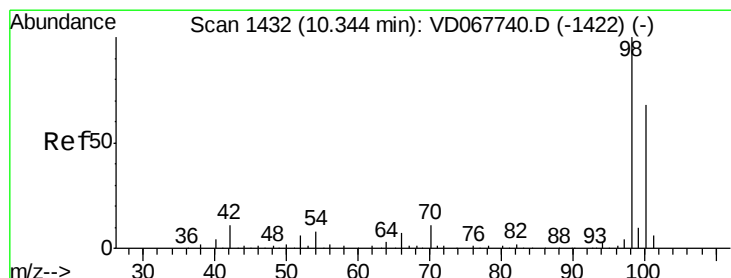
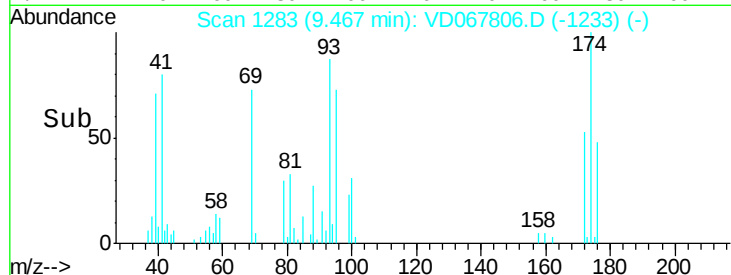
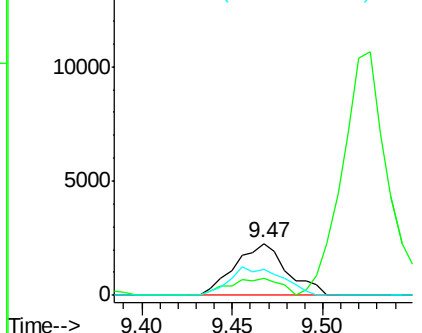
#49
1,4-Dioxane
Concen: 375.928 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tgt Ion: 88 Resp: 4471
Ion Ratio Lower Upper
88 100
43 32.5 25.2 37.8
58 55.2 48.2 72.2

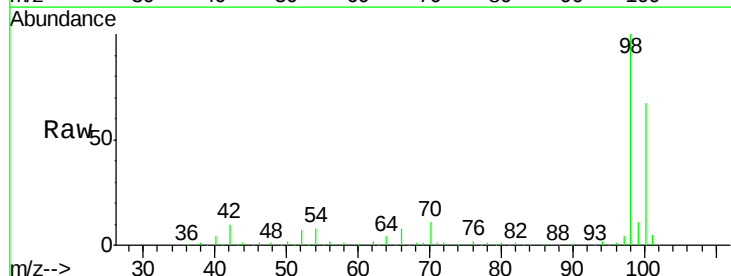


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

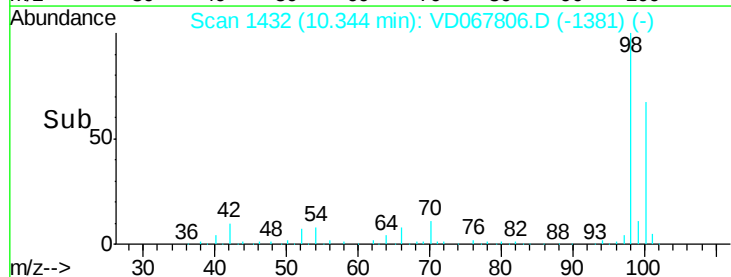
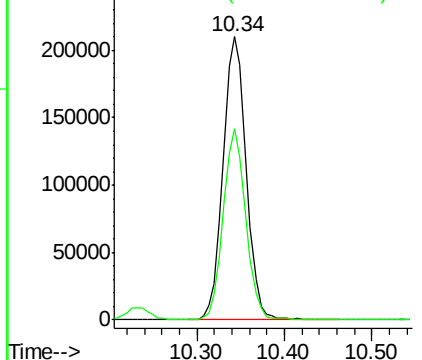


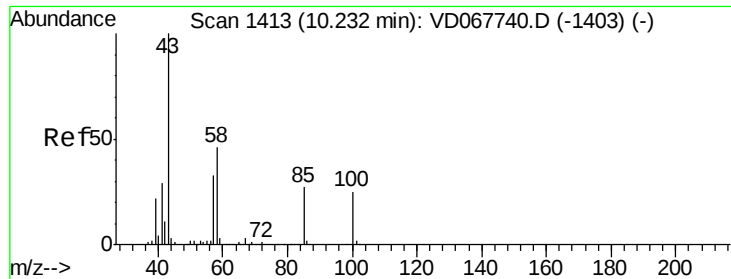
#50
Toluene-d8
Concen: 49.442 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 98 Resp: 383460
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

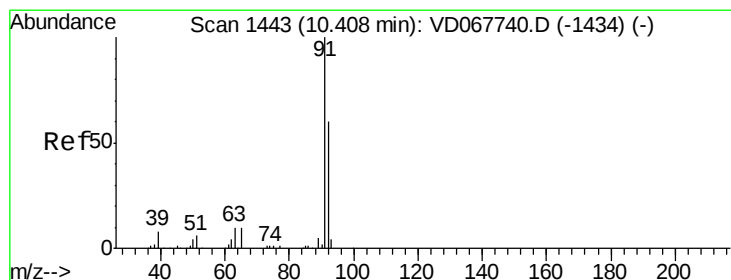
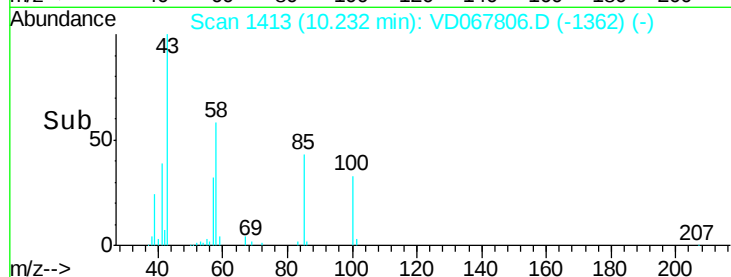
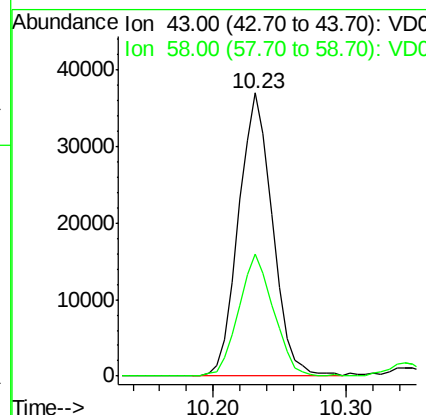
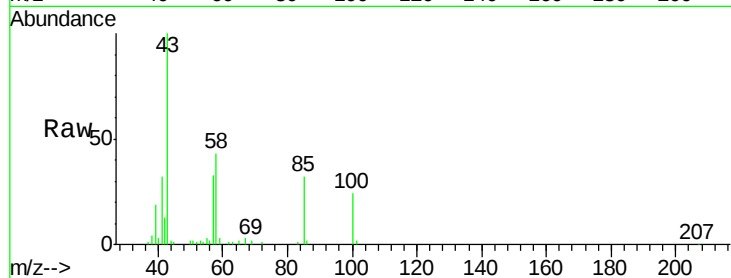




#51
 4-Methyl-2-Pentanone
 Concen: 90.081 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

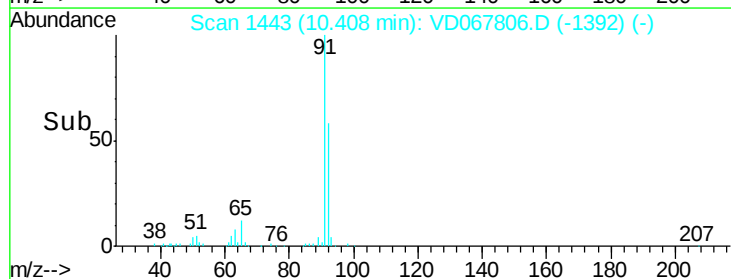
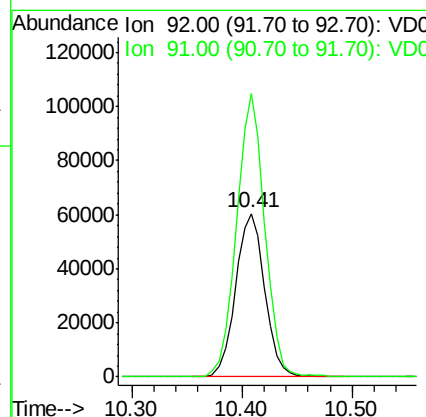
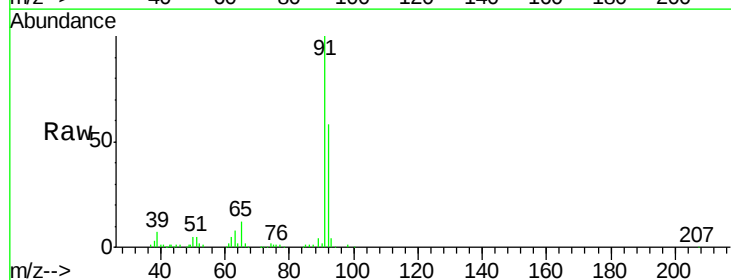
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

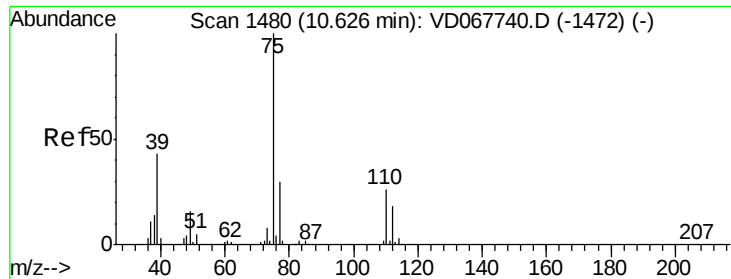
Tgt Ion: 43 Resp: 65107
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.7 52.1



#52
 Toluene
 Concen: 20.932 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 92 Resp: 111556
 Ion Ratio Lower Upper
 92 100
 91 167.6 135.4 203.0

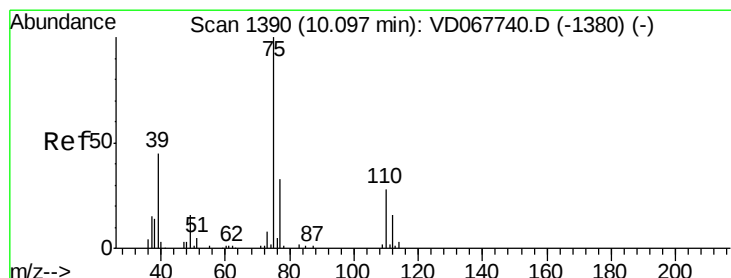
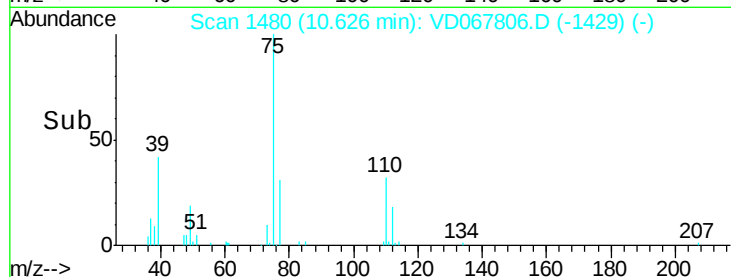
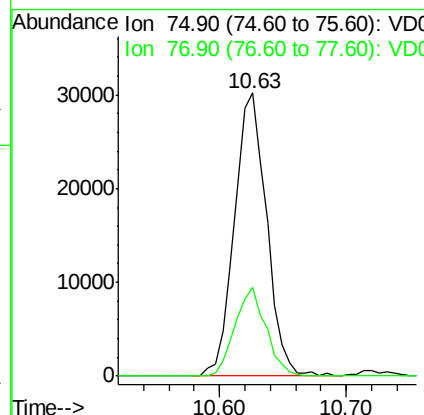
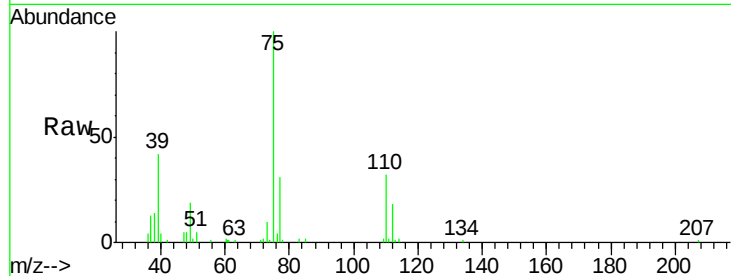




#53
 t-1,3-Dichloropropene
 Concen: 19.804 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

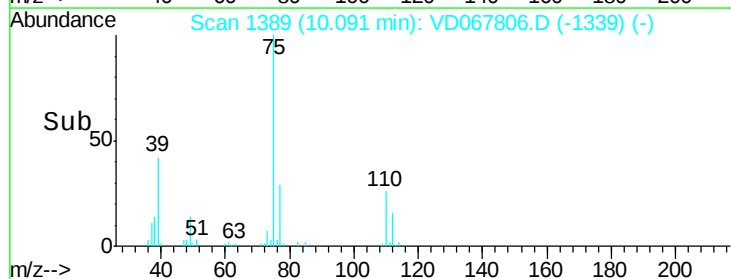
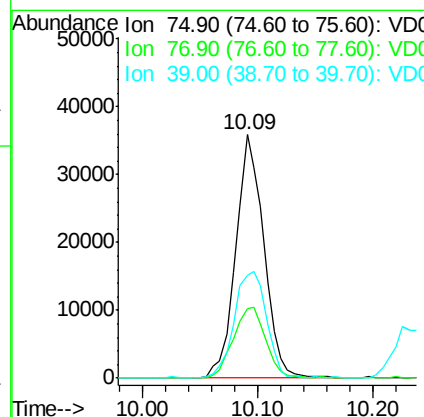
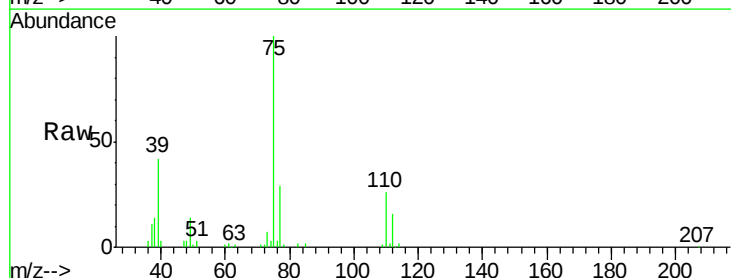
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

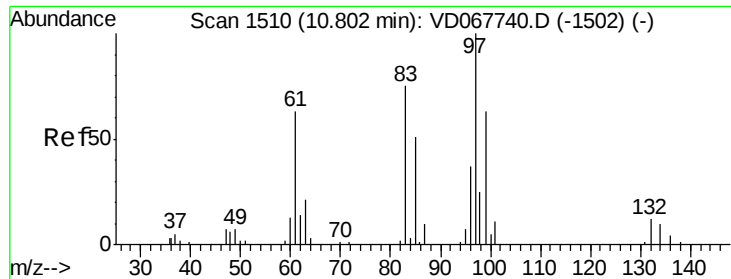
Tgt Ion: 75 Resp: 52874
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.023 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 75 Resp: 60502
 Ion Ratio Lower Upper
 75 100
 77 28.8 26.1 39.1
 39 42.2 35.8 53.6

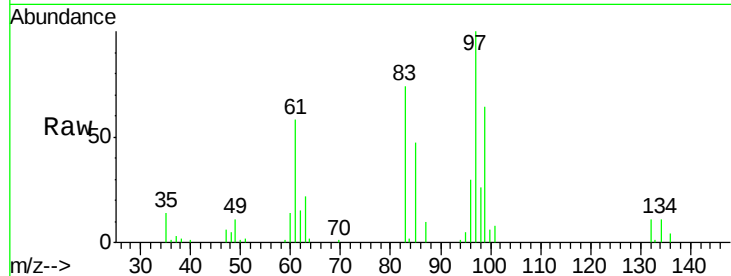




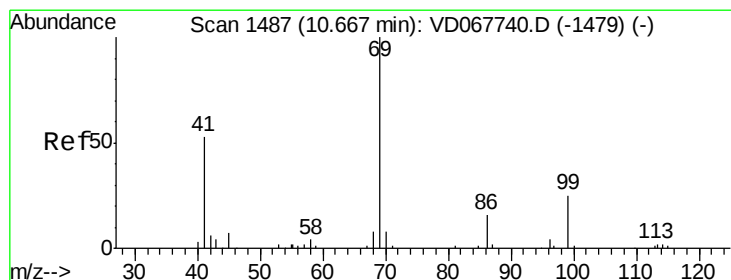
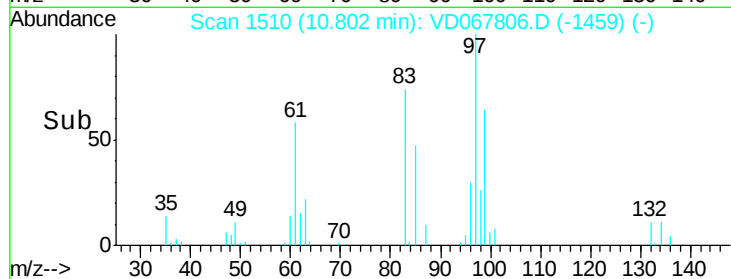
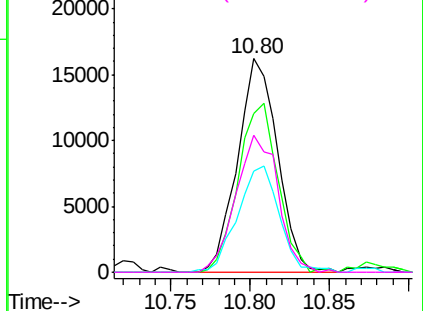
#55
 1,1,2-Trichloroethane
 Concen: 19.325 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tgt Ion:	97	Resp:	28456
Ion	Ratio	Lower	Upper
97	100		
83	74.2	60.2	90.4
85	47.1	40.5	60.7
99	64.4	50.6	76.0

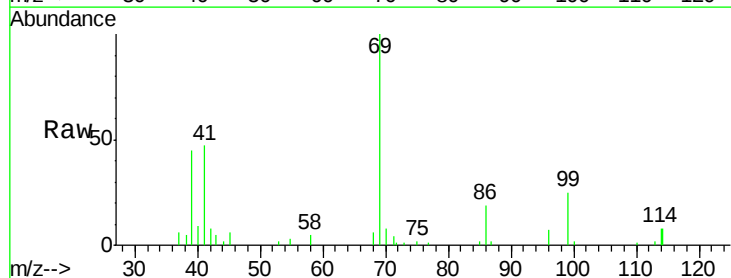


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

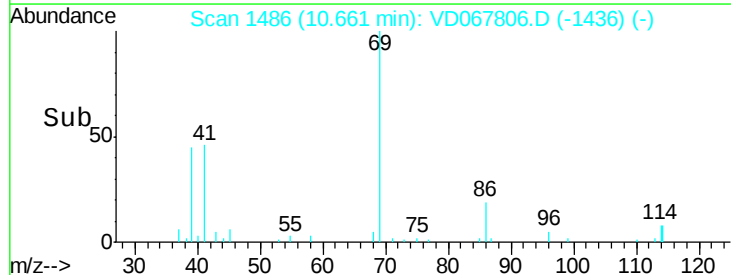
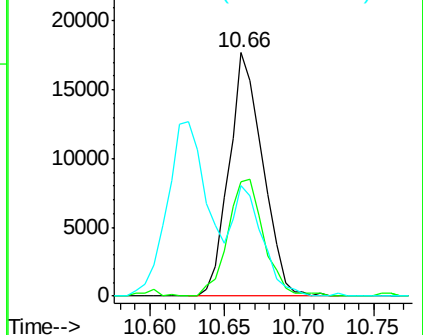


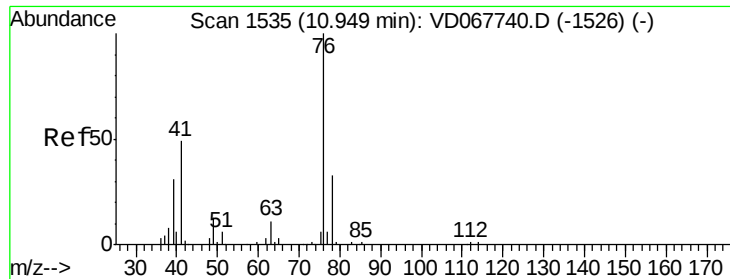
#56
 Ethyl methacrylate
 Concen: 18.324 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion:	69	Resp:	27935
Ion	Ratio	Lower	Upper
69	100		
41	51.4	43.4	65.0
39	40.1	29.6	44.4



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





#57

1,3-Dichloropropane

Concen: 20.445 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

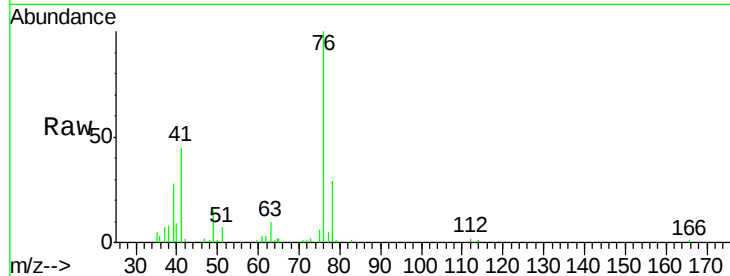
VD1130SBS01

Tgt Ion: 76 Resp: 47468

Ion Ratio Lower Upper

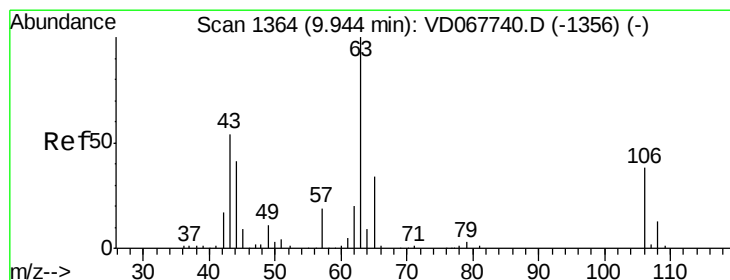
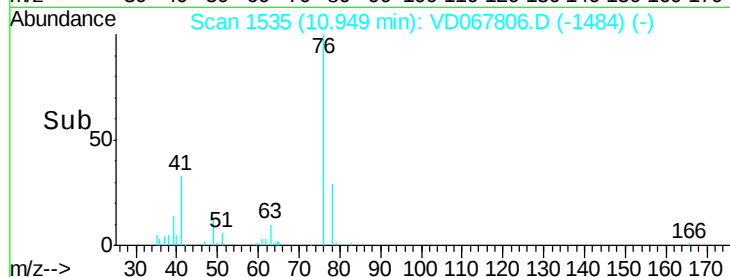
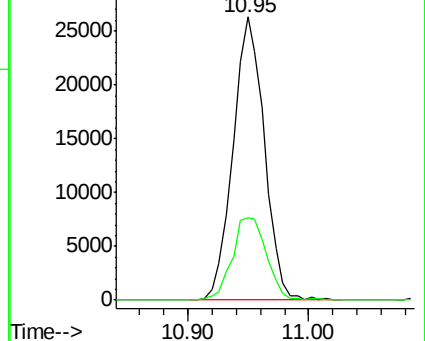
76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 87.351 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067806.D

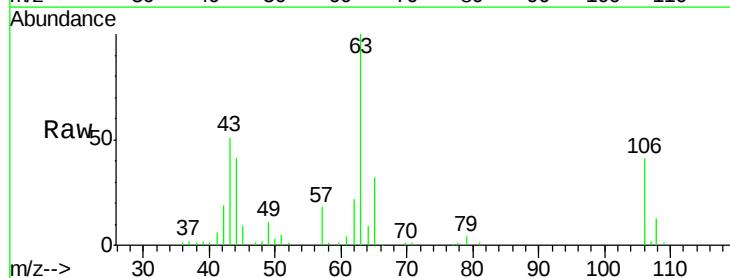
Acq: 30 Nov 2020 11:07

Tgt Ion: 63 Resp: 62222

Ion Ratio Lower Upper

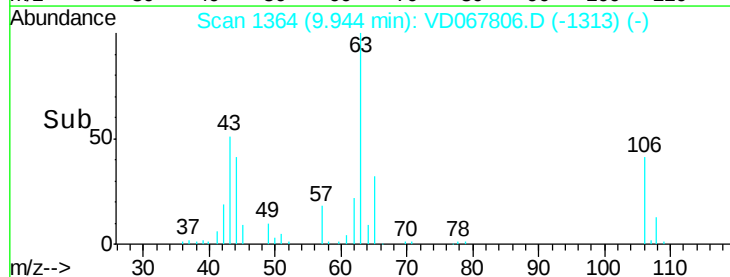
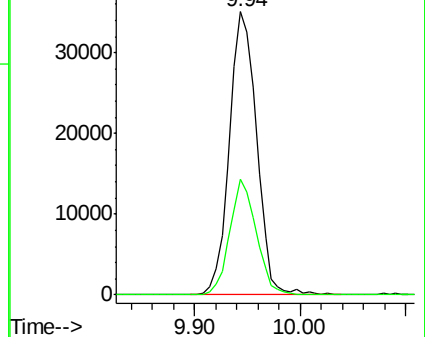
63 100

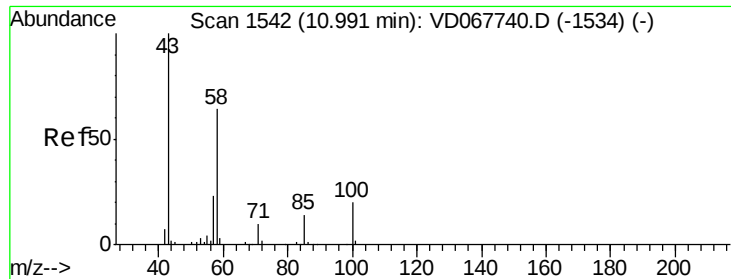
106 39.7 31.0 46.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

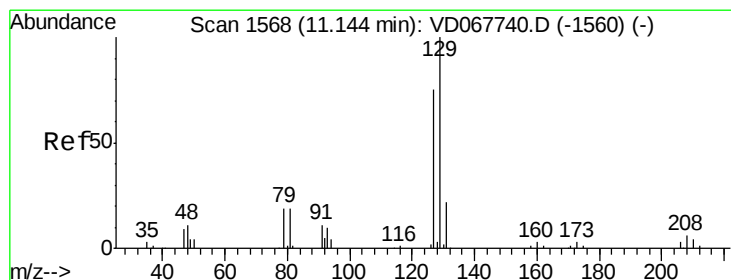
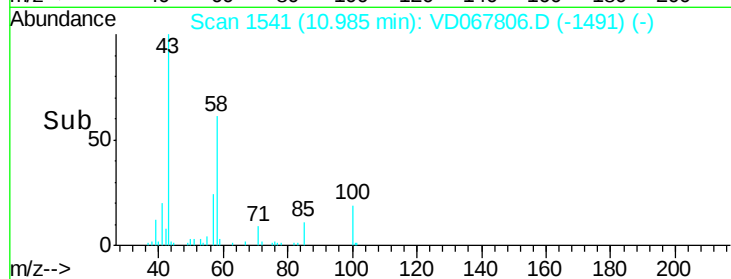
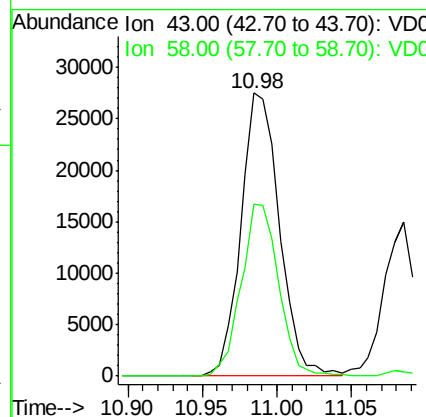
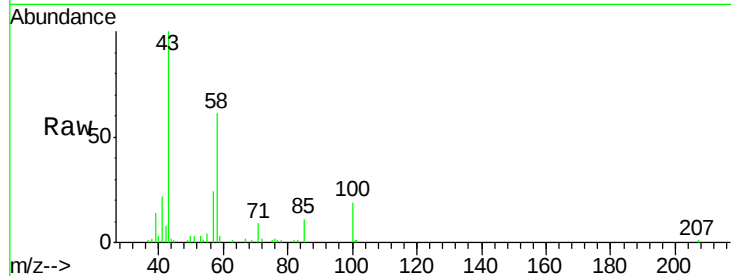




#59
2-Hexanone
Concen: 96.380 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

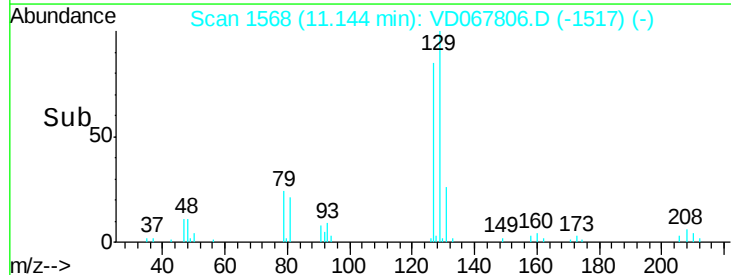
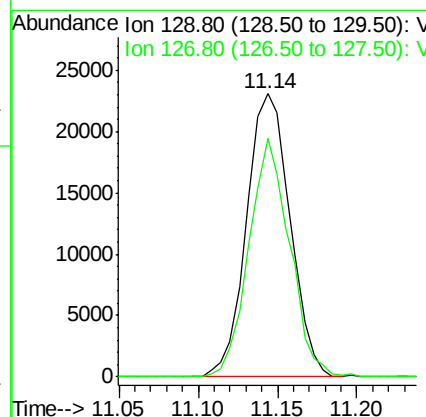
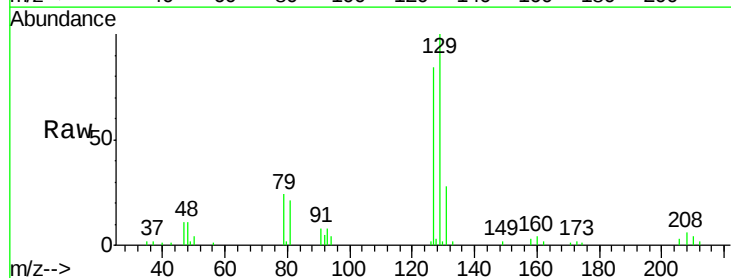
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

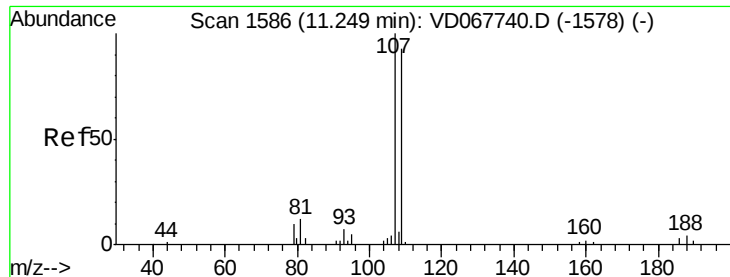
Tgt Ion: 43 Resp: 49182
Ion Ratio Lower Upper
43 100
58 59.1 30.5 91.5



#60
Dibromochloromethane
Concen: 19.622 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 129 Resp: 44029
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7

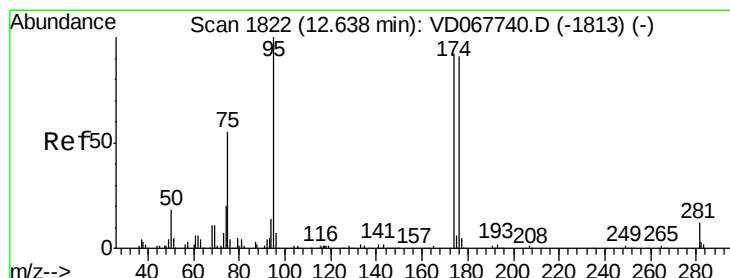
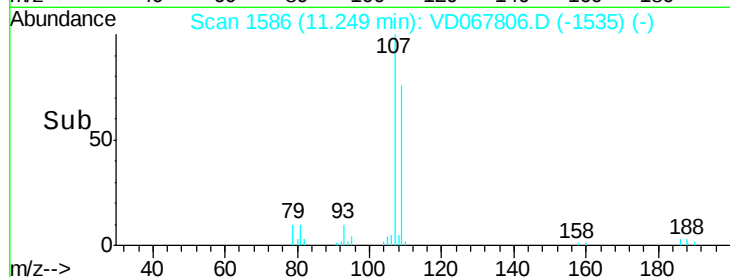
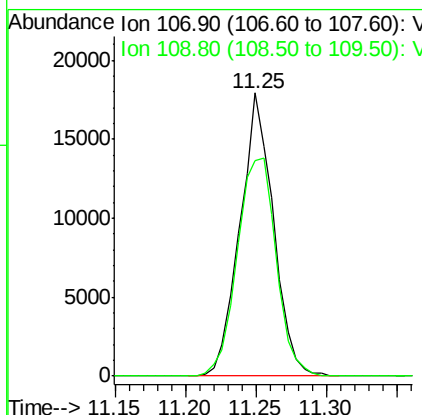
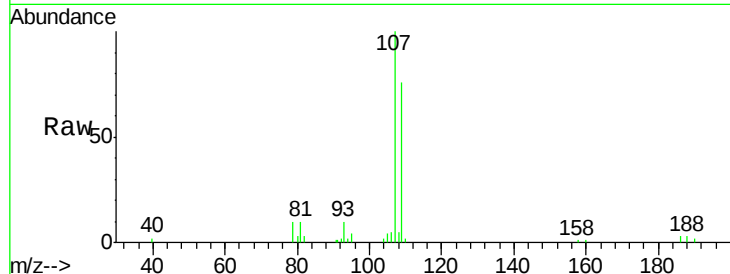




#61
 1,2-Dibromoethane
 Concen: 20.519 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

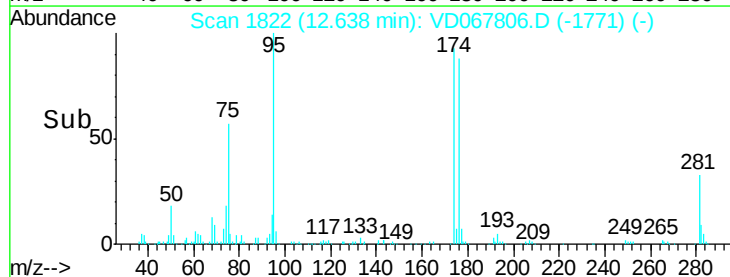
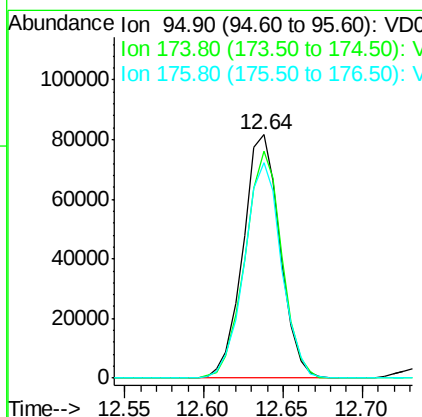
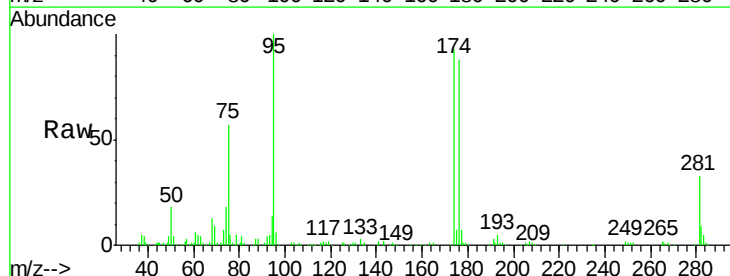
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

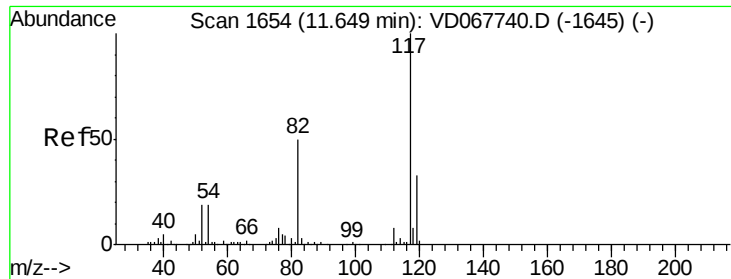
Tgt Ion: 107 Resp: 29771
 Ion Ratio Lower Upper
 107 100
 109 89.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.942 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 95 Resp: 132395
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 182.4
 176 88.7 0.0 178.2

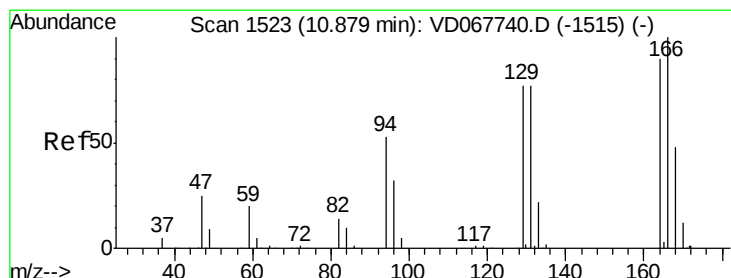
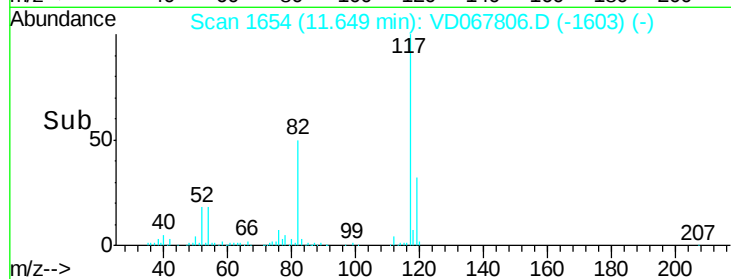
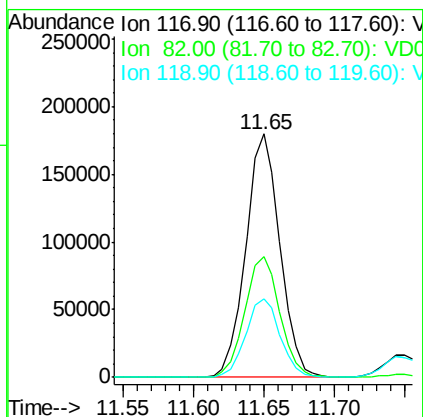
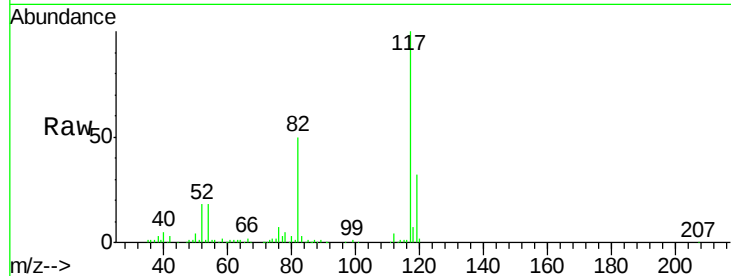




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

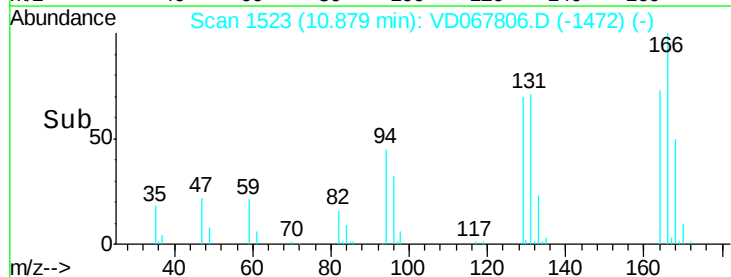
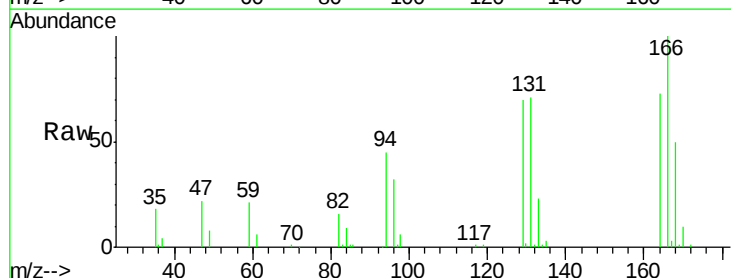
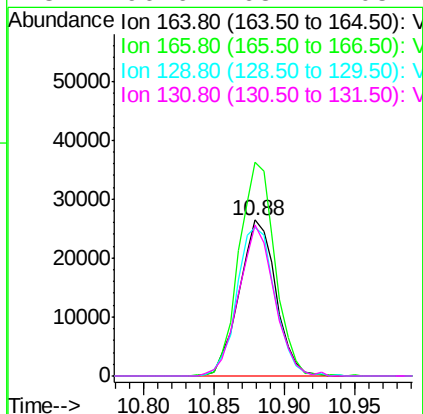
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

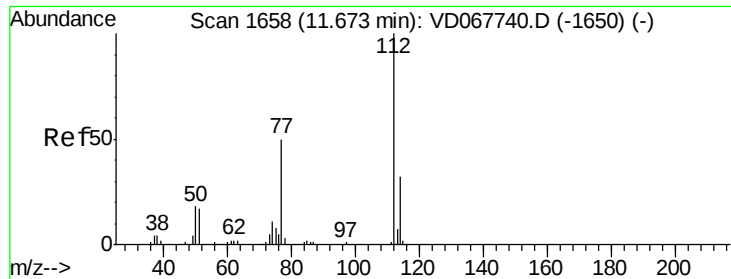
Tgt Ion:117 Resp: 305601
Ion Ratio Lower Upper
117 100
82 49.7 40.2 60.4
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 20.214 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion:164 Resp: 47945
Ion Ratio Lower Upper
164 100
166 136.8 89.2 133.8#
129 95.5 68.4 102.6
131 96.6 68.7 103.1

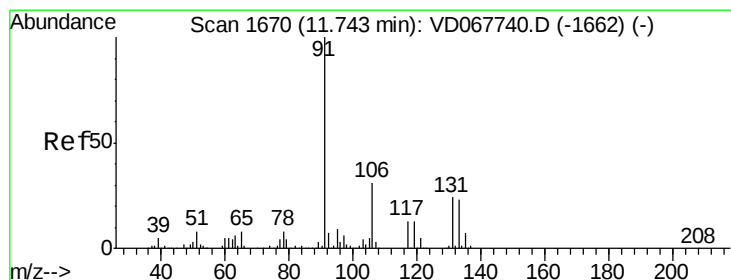
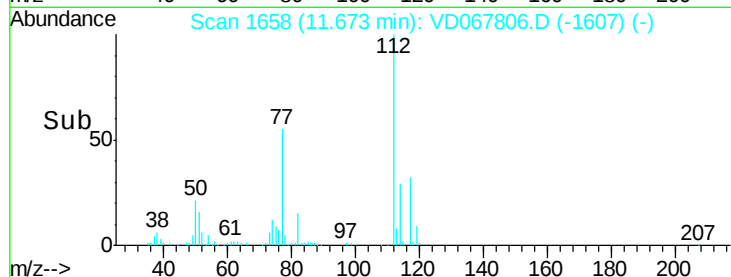
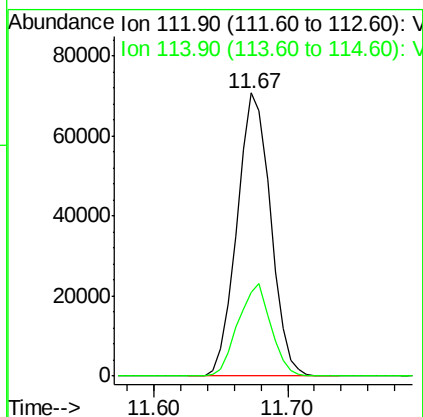
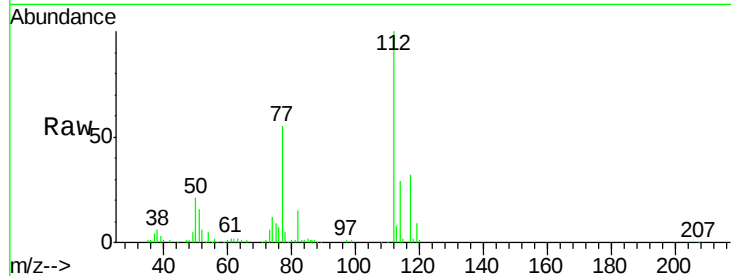




#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

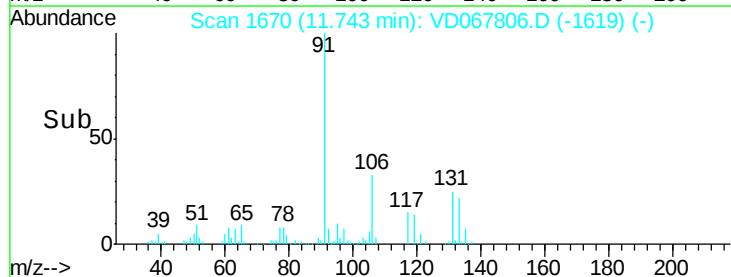
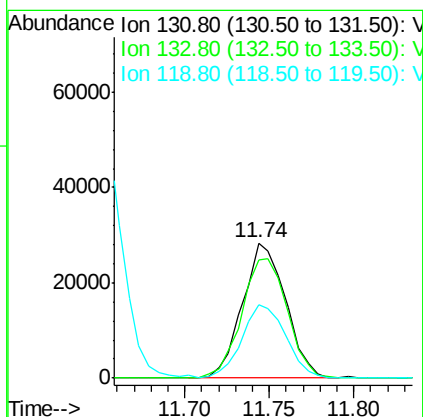
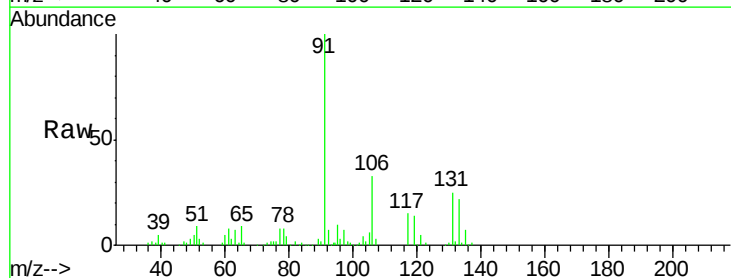
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

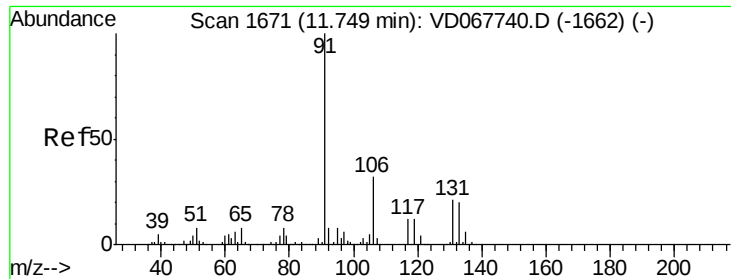
Tgt Ion:112 Resp: 123235
Ion Ratio Lower Upper
112 100
114 29.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.605 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion:131 Resp: 50063
Ion Ratio Lower Upper
131 100
133 93.8 49.0 147.0
119 55.6 28.8 86.5





#67

Ethyl Benzene

Concen: 20.850 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

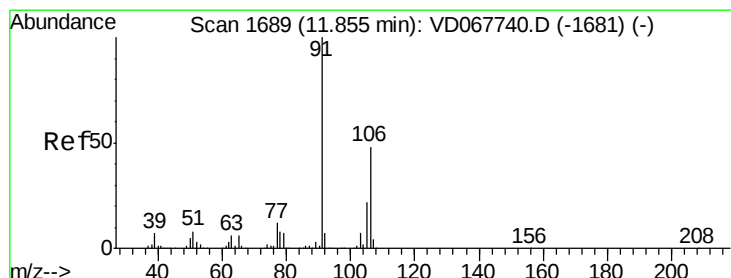
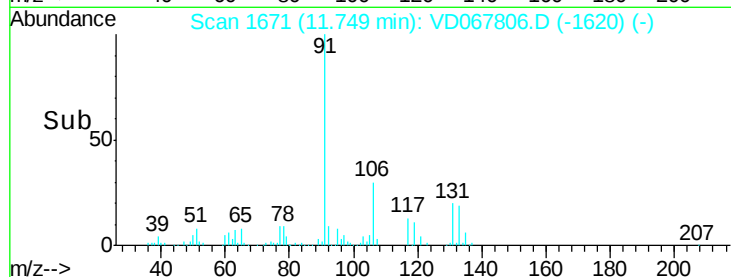
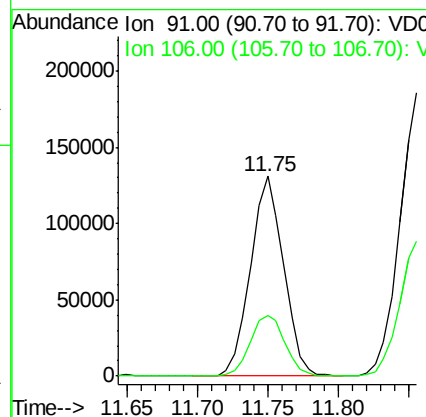
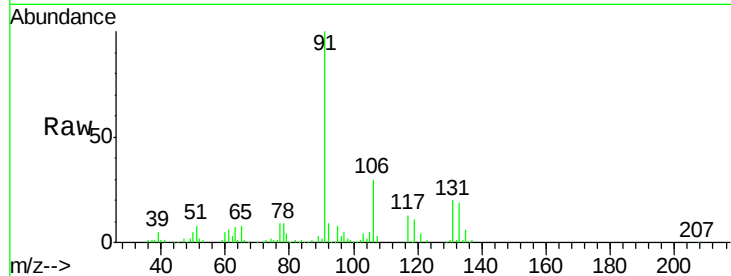
VD1130SBS01

Tgt Ion: 91 Resp: 216194

Ion Ratio Lower Upper

91 100

106 30.4 25.7 38.5



#68

m/p-Xylenes

Concen: 42.079 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067806.D

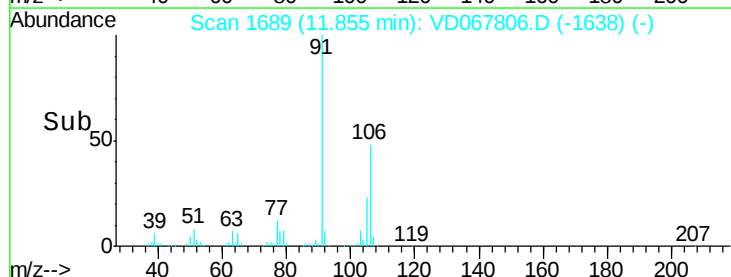
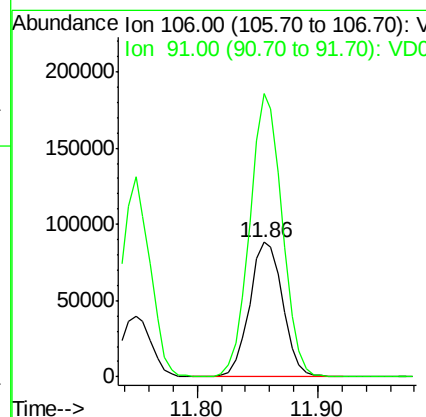
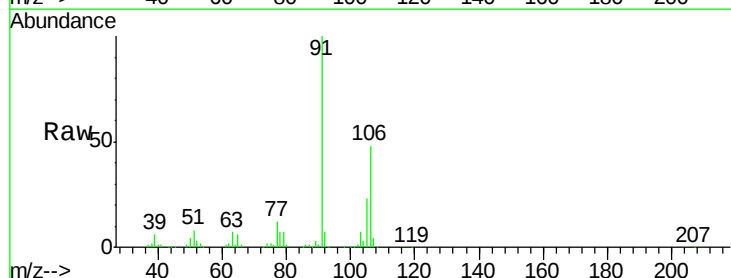
Acq: 30 Nov 2020 11:07

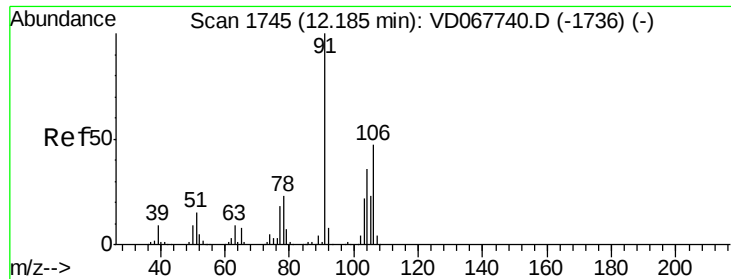
Tgt Ion: 106 Resp: 169796

Ion Ratio Lower Upper

106 100

91 205.1 163.0 244.6

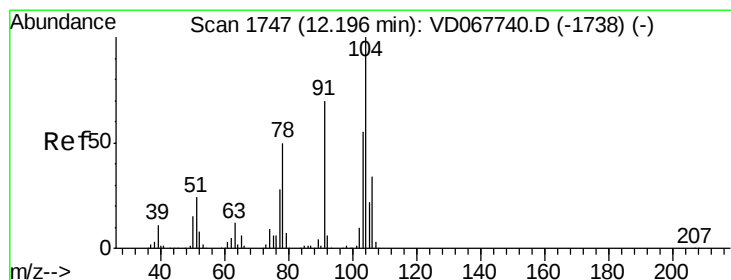
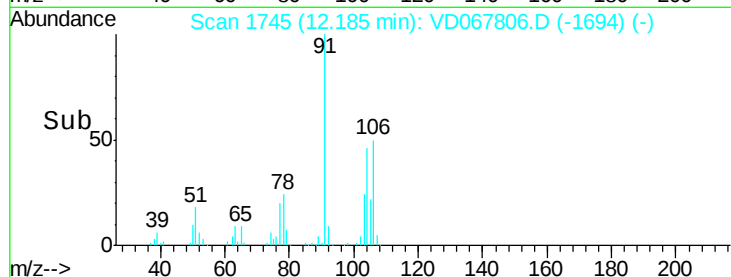
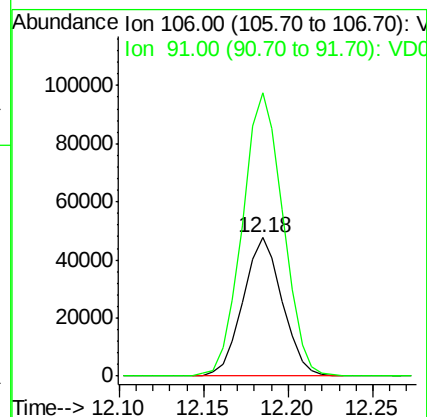
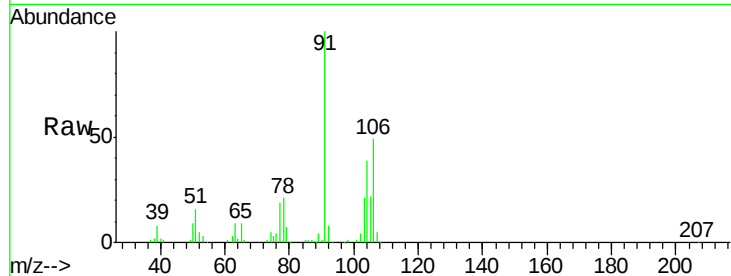




#69
o-Xylene
Concen: 21.012 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

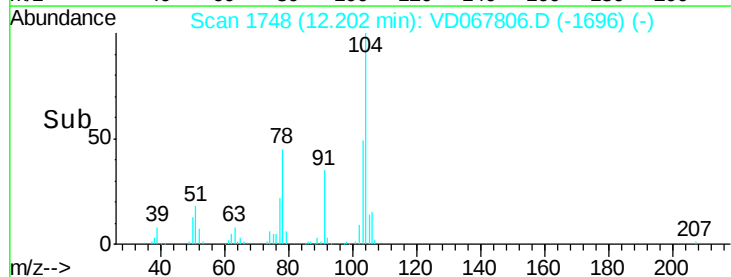
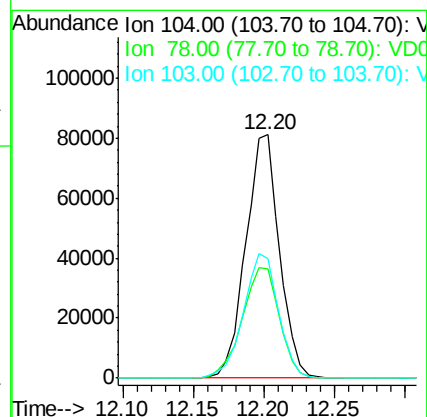
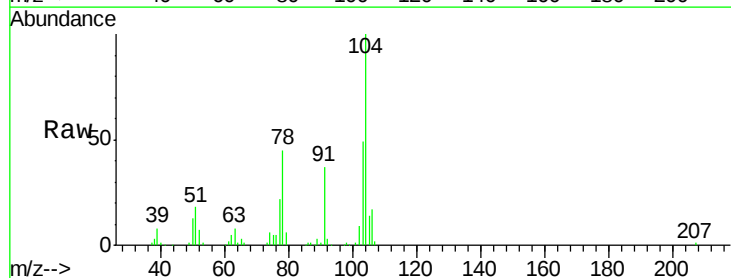
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

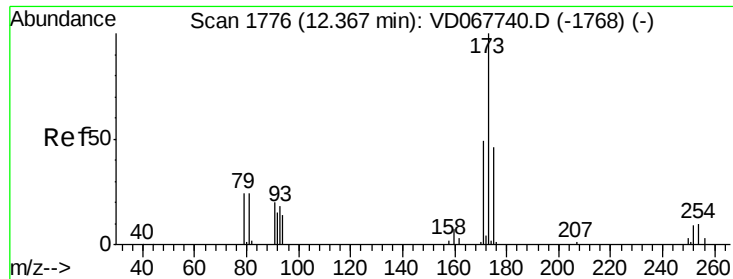
Tgt Ion:106 Resp: 77197
Ion Ratio Lower Upper
106 100
91 211.3 106.2 318.6



#70
Styrene
Concen: 21.676 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion:104 Resp: 135646
Ion Ratio Lower Upper
104 100
78 50.3 41.9 62.9
103 53.2 44.1 66.1





#71

Bromoform

Concen: 19.386 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

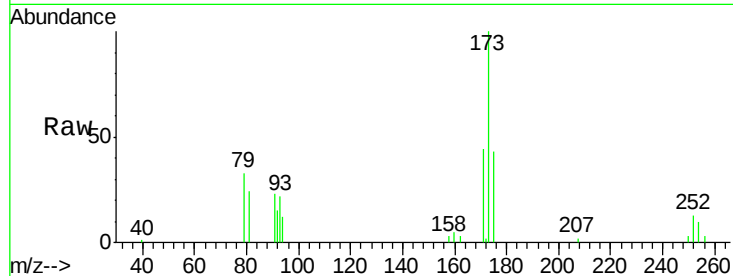
Tgt Ion:173 Resp: 25569

Ion Ratio Lower Upper

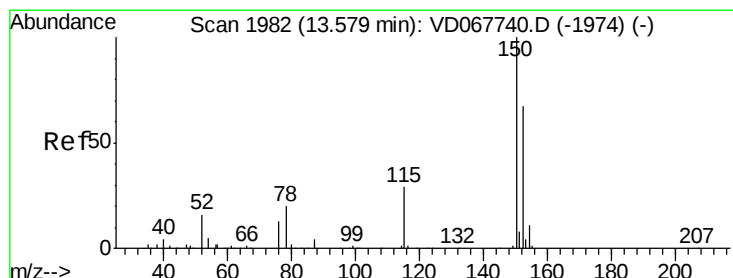
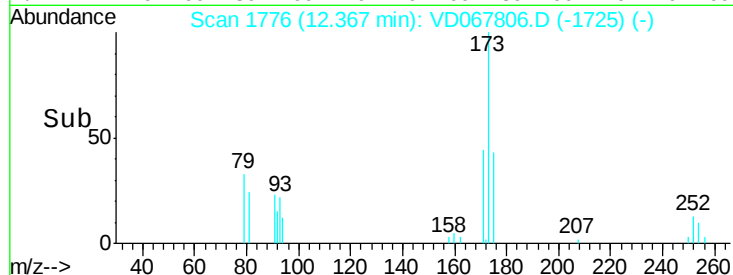
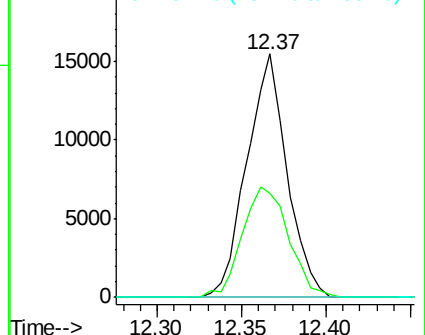
173 100

175 52.0 23.9 71.7

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

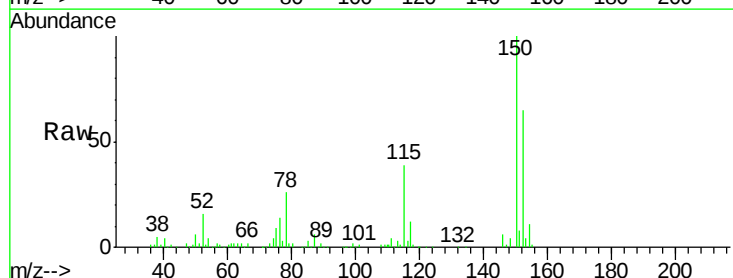
Tgt Ion:152 Resp: 155601

Ion Ratio Lower Upper

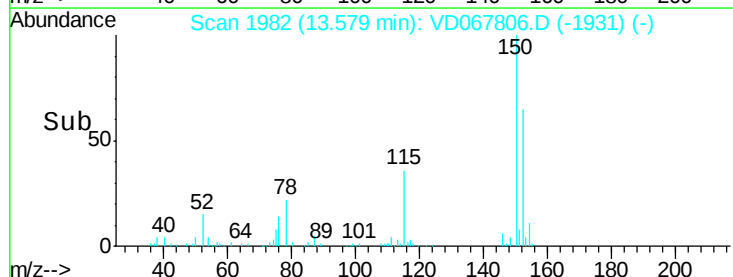
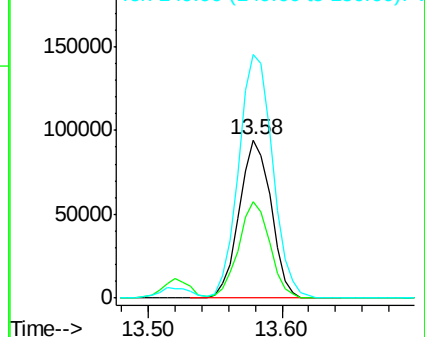
152 100

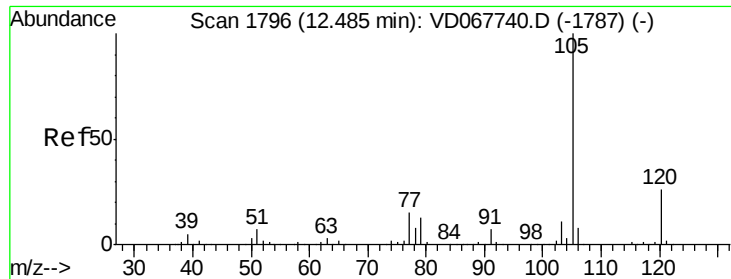
115 59.9 29.4 88.3

150 164.3 0.0 340.6



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: 21.912 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

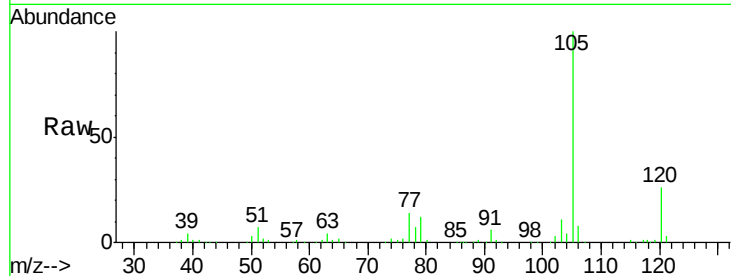
VD1130SBS01

Tgt Ion: 105 Resp: 224335

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

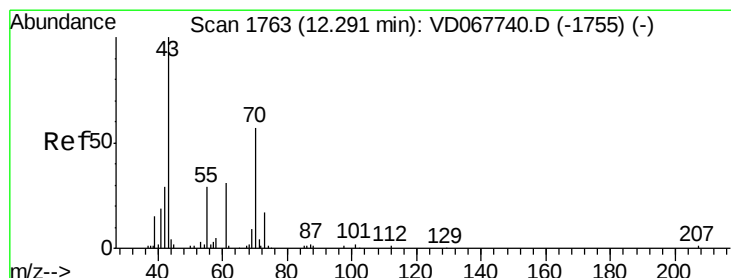
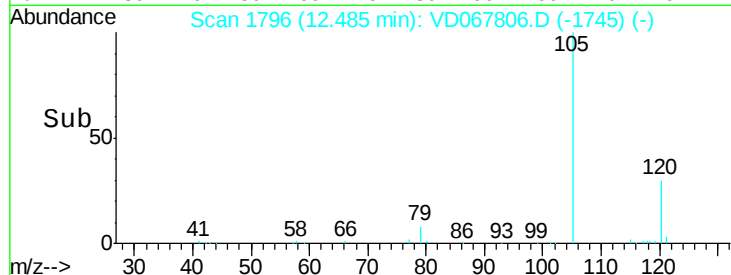
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 18.208 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Tgt Ion: 43 Resp: 24583

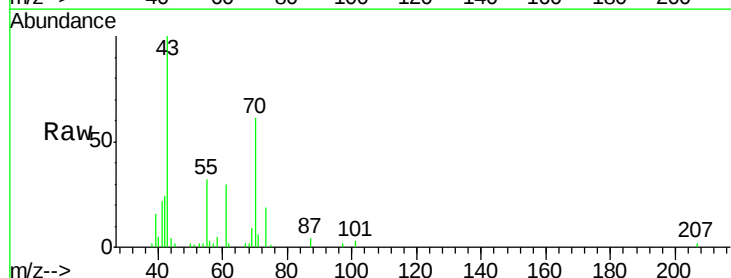
Ion Ratio Lower Upper

43 100

70 57.6 44.6 66.8

55 29.4 24.2 36.2

61 27.8 22.0 33.0



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

20000

15000

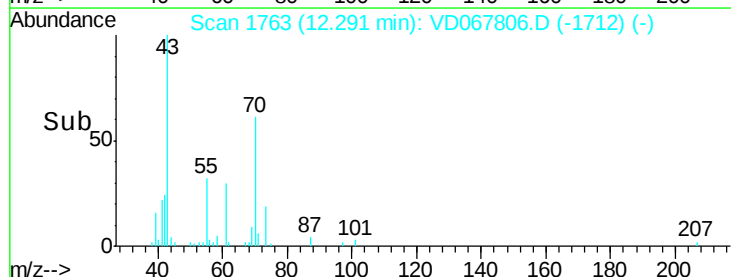
10000

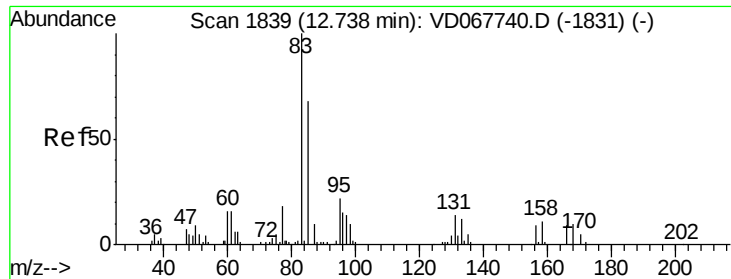
5000

0

12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.596 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

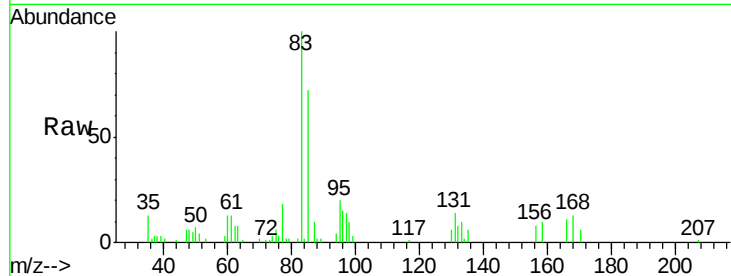
Tgt Ion: 83 Resp: 26925

Ion Ratio Lower Upper

83 100

131 15.2 8.1 24.1

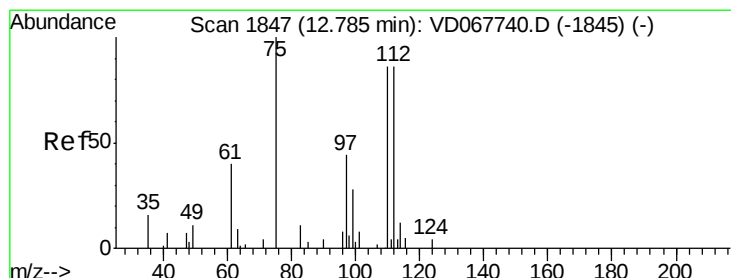
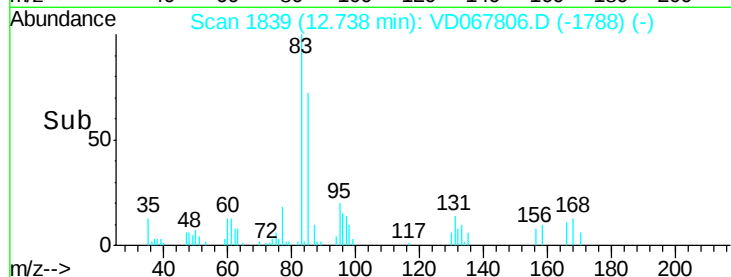
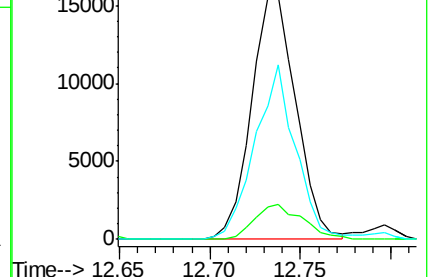
85 65.0 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 38.430 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD067806.D

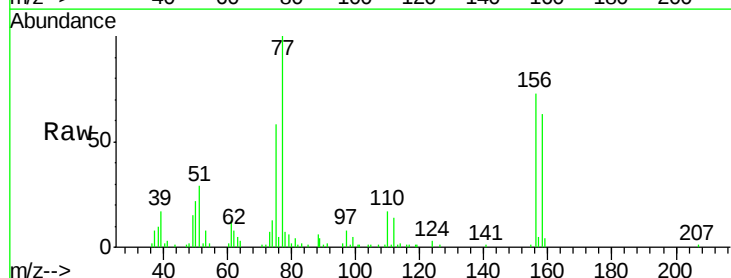
Acq: 30 Nov 2020 11:07

Tgt Ion: 75 Resp: 41676

Ion Ratio Lower Upper

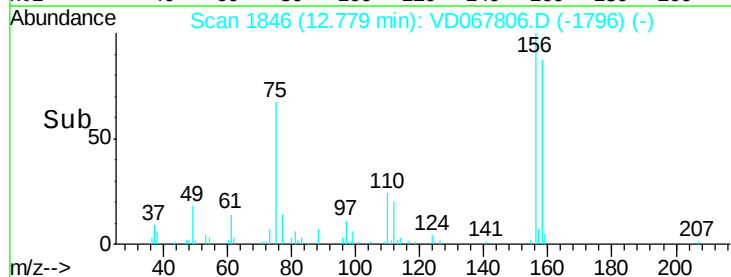
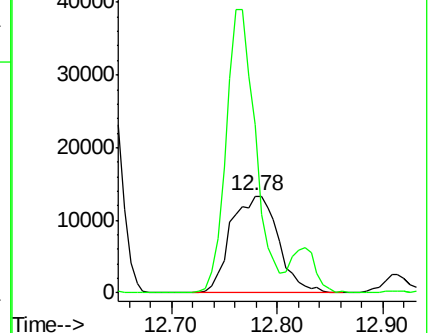
75 100

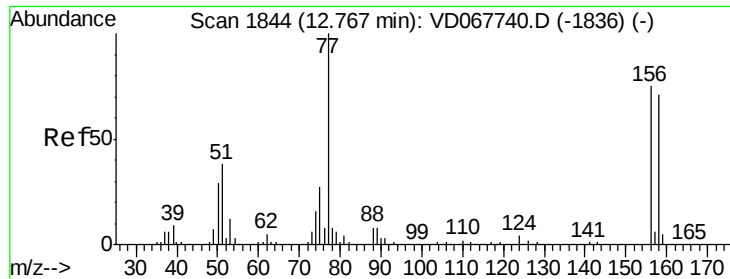
77 180.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.173 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

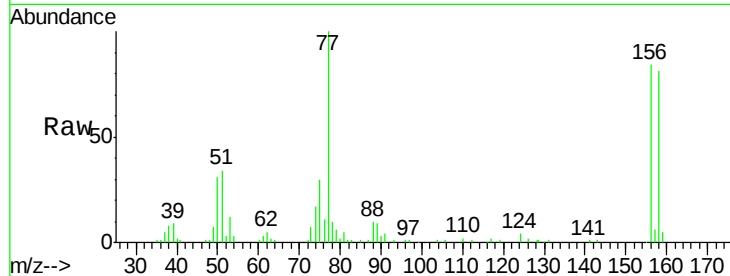
Tgt Ion:156 Resp: 54262

Ion Ratio Lower Upper

156 100

77 138.8 73.5 220.3

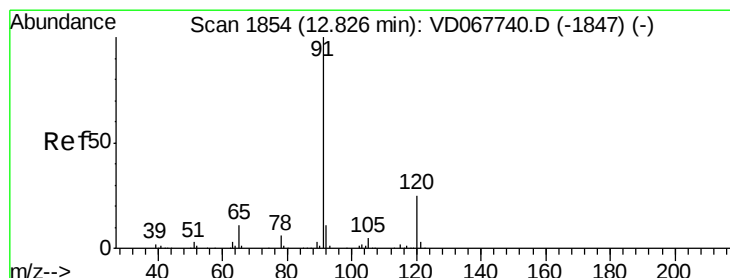
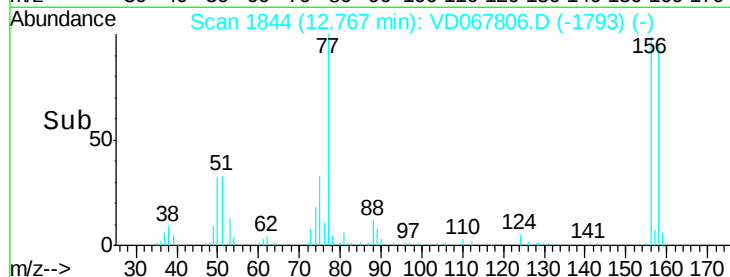
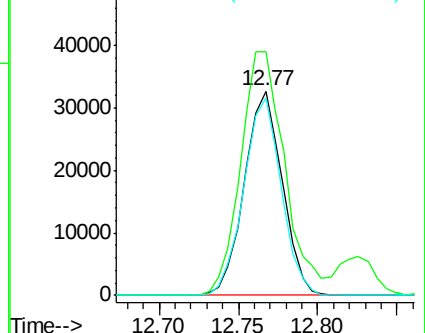
158 95.8 48.1 144.4



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: 21.087 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067806.D

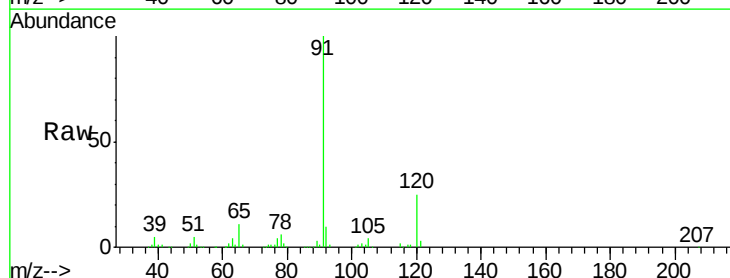
Acq: 30 Nov 2020 11:07

Tgt Ion: 91 Resp: 240185

Ion Ratio Lower Upper

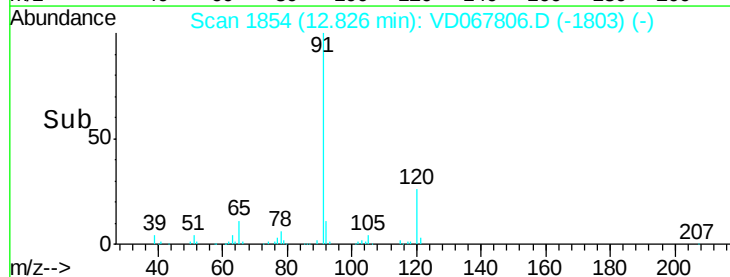
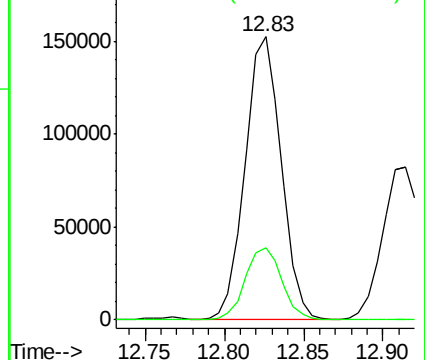
91 100

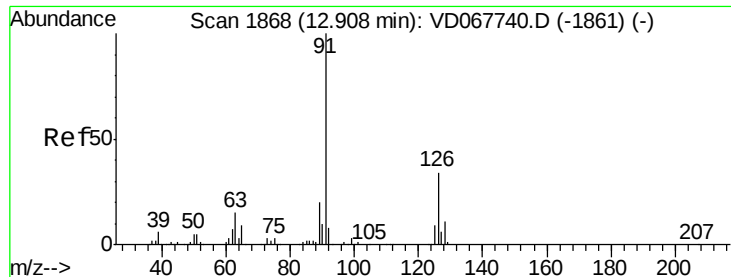
120 25.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

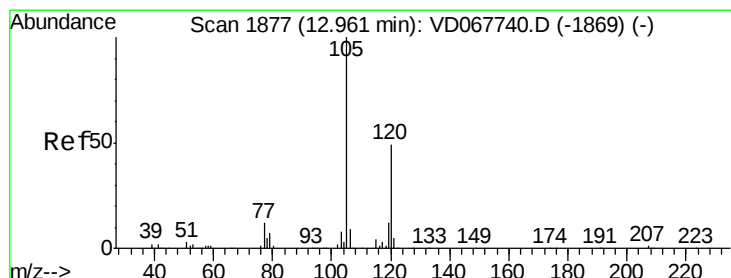
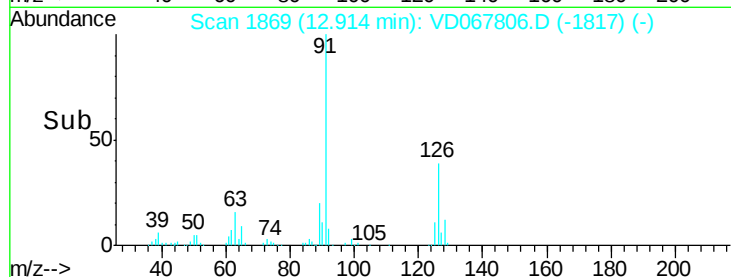
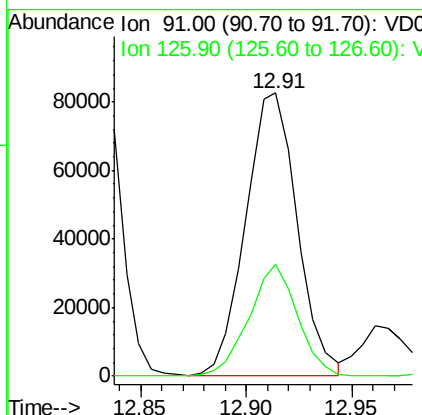
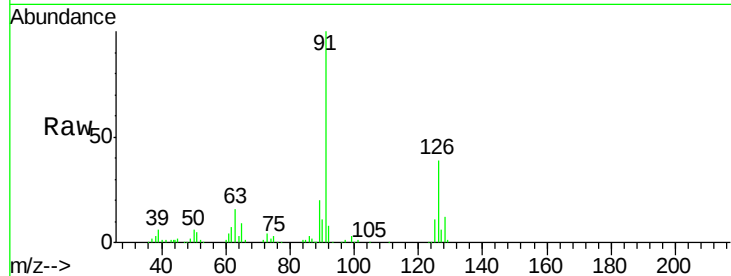




#79
2-Chlorotoluene
Concen: 20.705 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

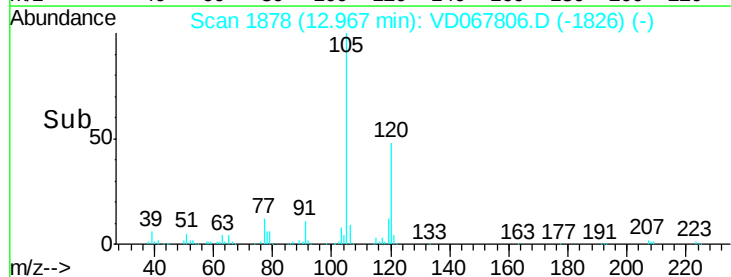
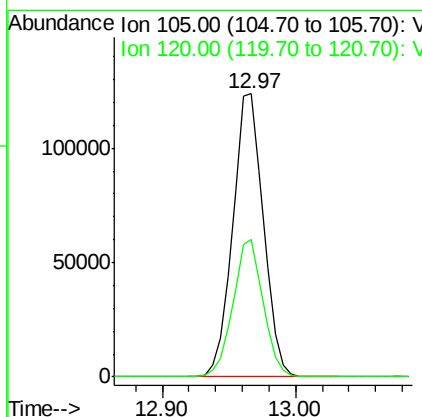
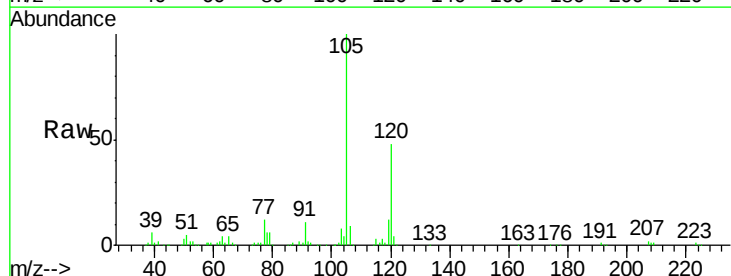
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

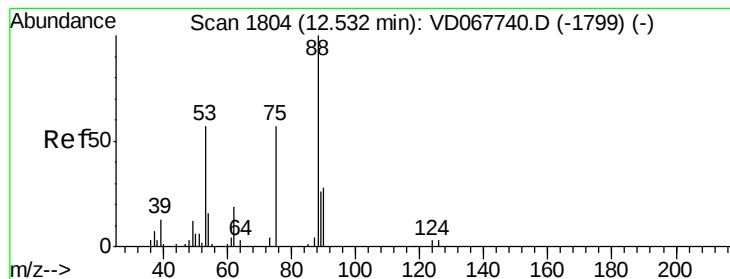
Tgt Ion: 91 Resp: 139626
Ion Ratio Lower Upper
91 100
126 37.3 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 22.154 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 105 Resp: 197275
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.570 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

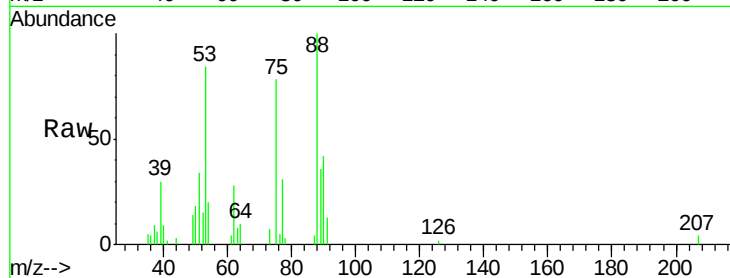
Tgt Ion: 75 Resp: 9074

Ion Ratio Lower Upper

75 100

53 102.5 76.0 114.0

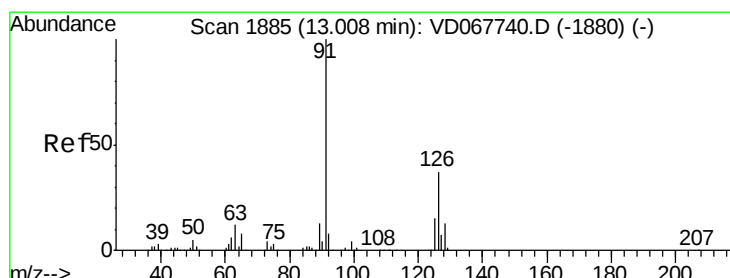
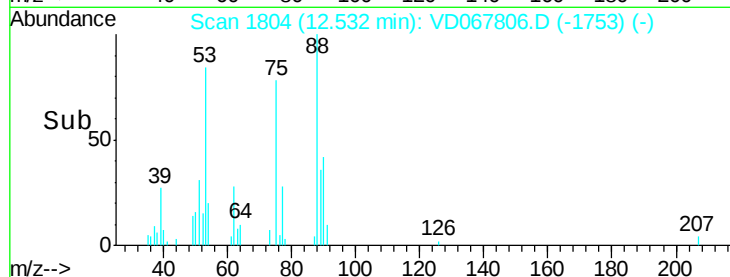
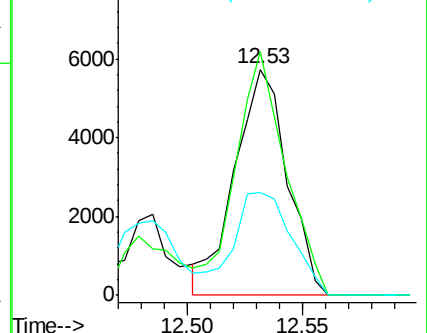
89 49.1 40.2 60.4



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: 20.425 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067806.D

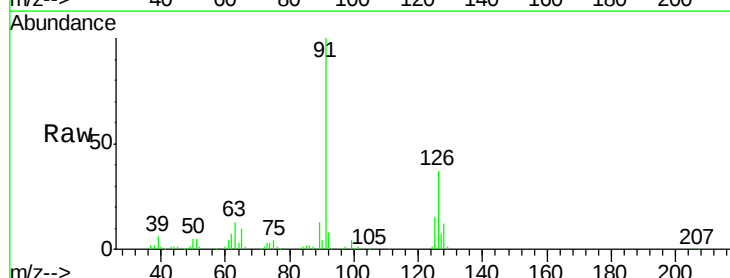
Acq: 30 Nov 2020 11:07

Tgt Ion: 91 Resp: 146766

Ion Ratio Lower Upper

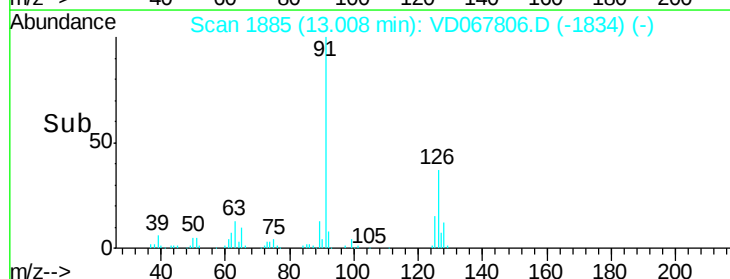
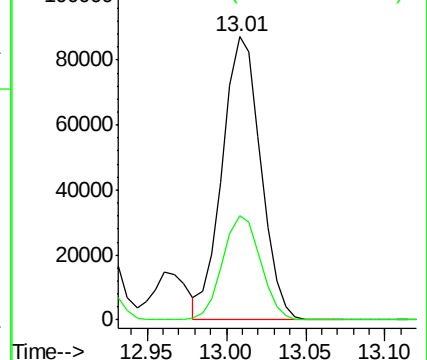
91 100

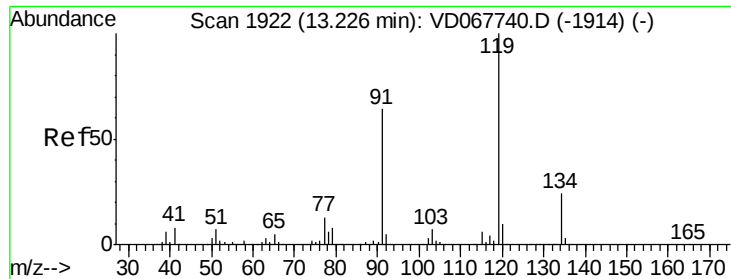
126 36.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

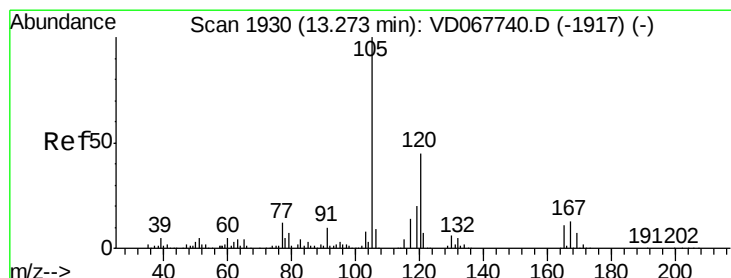
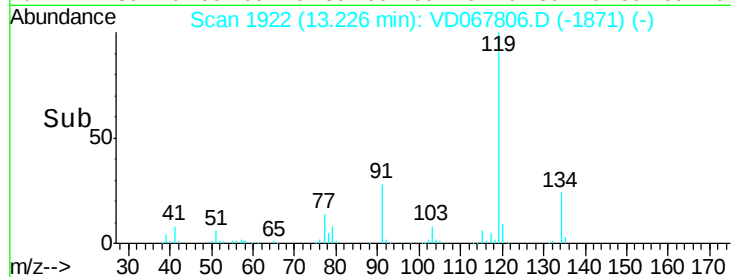
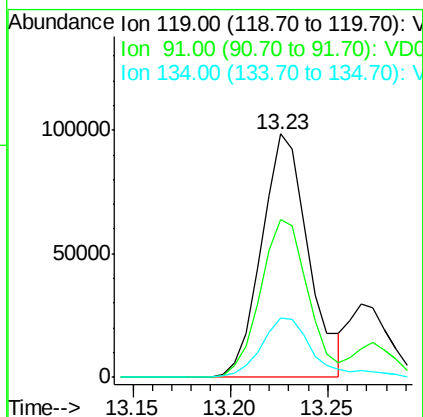
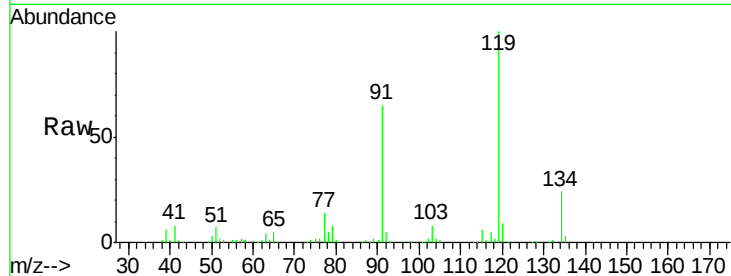




#83
tert-Butylbenzene
Concen: 21.497 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

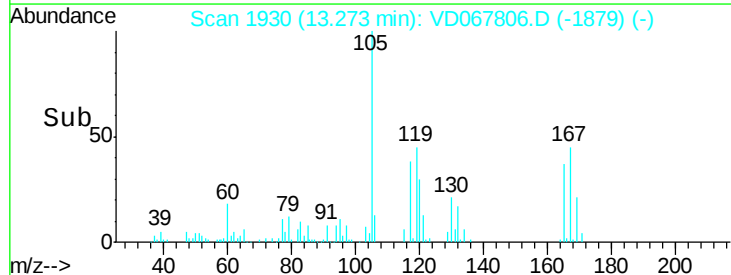
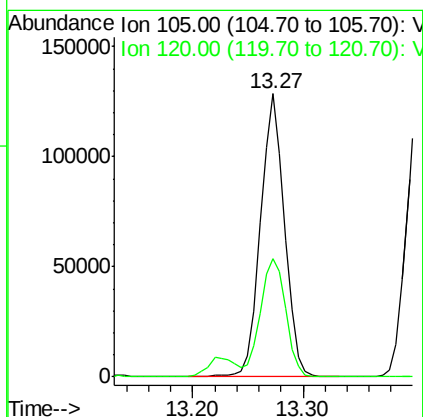
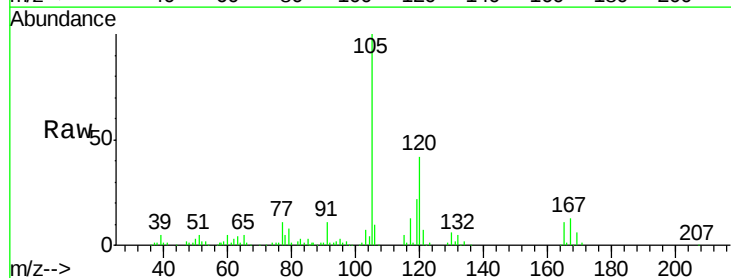
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

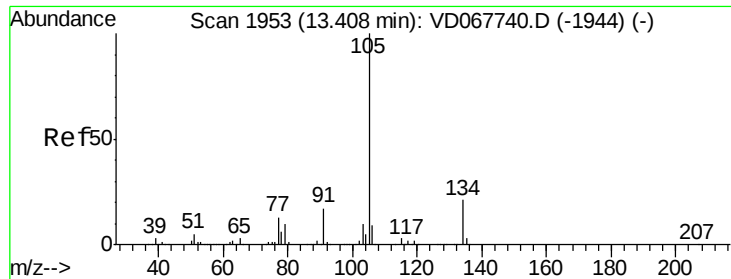
Tgt Ion:119 Resp: 164491
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.7
134 27.3 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 22.042 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion:105 Resp: 196070
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.938 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

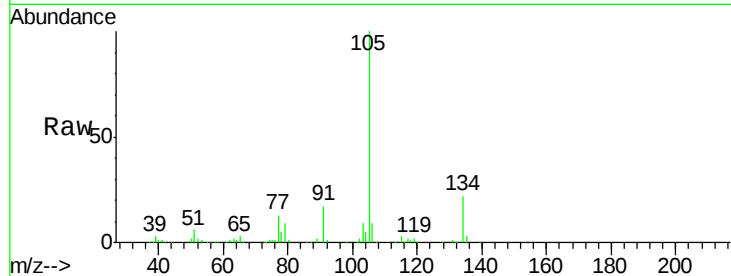
VD1130SBS01

Tgt Ion:105 Resp: 210478

Ion Ratio Lower Upper

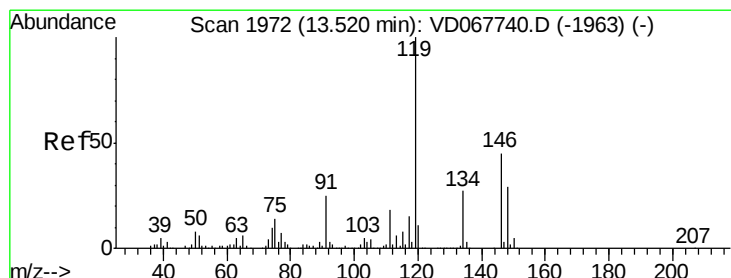
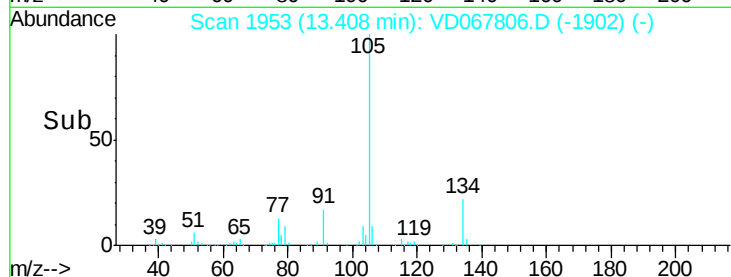
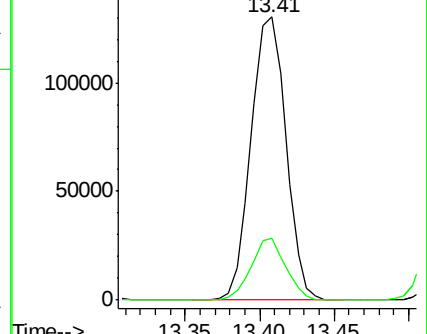
105 100

134 21.6 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.109 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067806.D

Acq: 30 Nov 2020 11:07

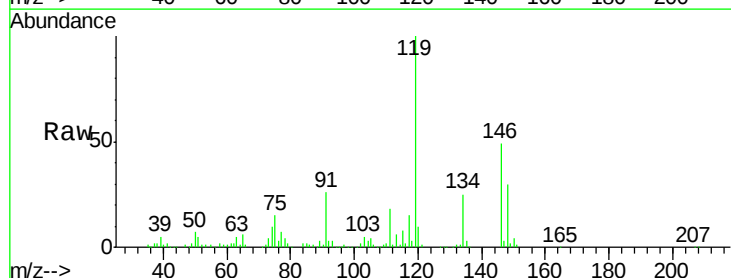
Tgt Ion:119 Resp: 205530

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

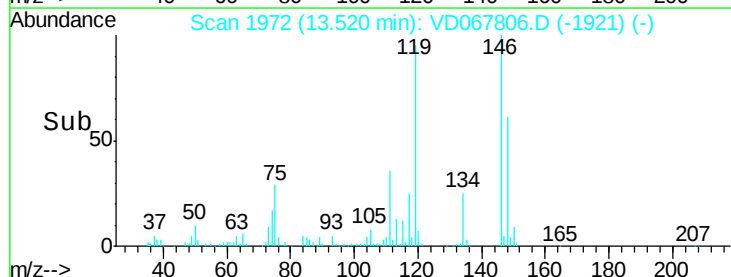
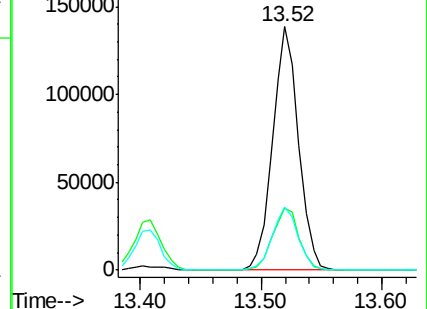
91 25.9 12.7 38.1

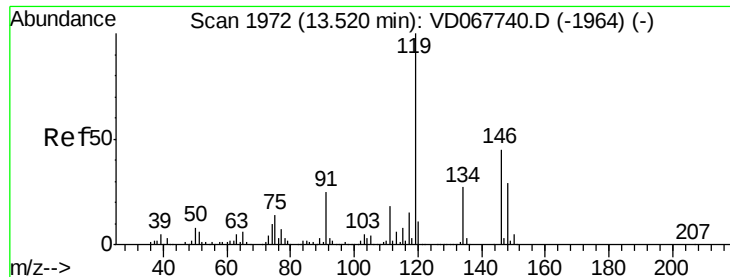


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

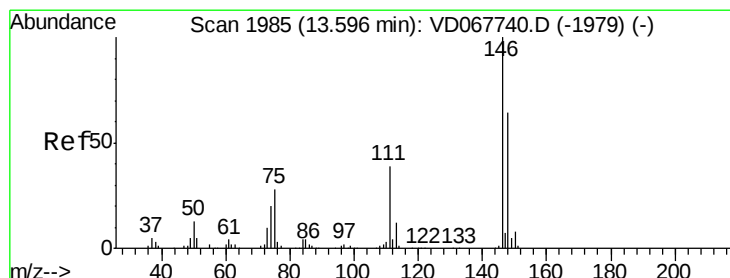
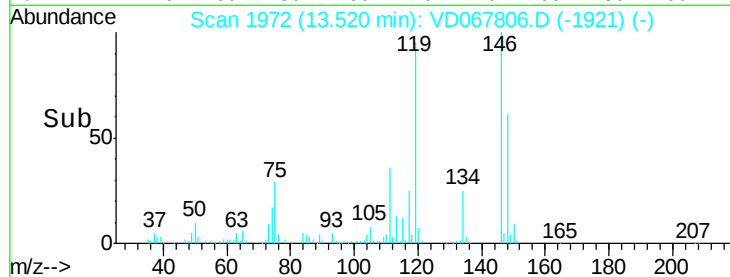
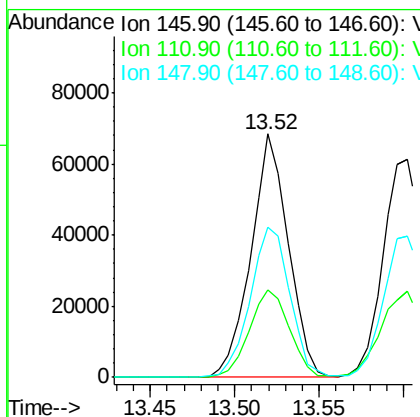
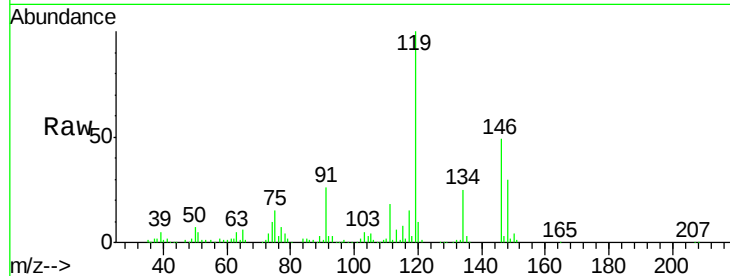




#87
 1,3-Dichlorobenzene
 Concen: 21.210 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

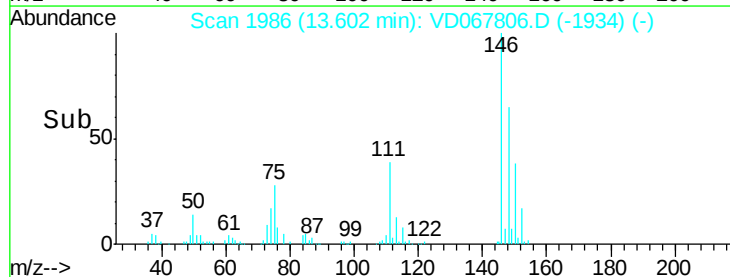
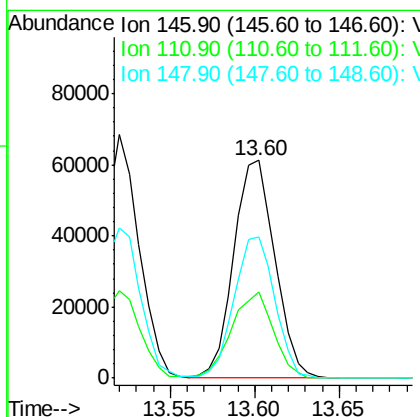
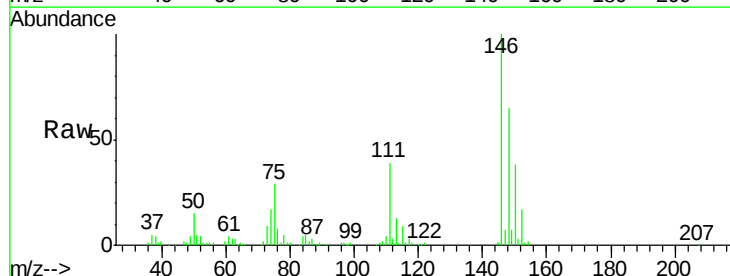
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

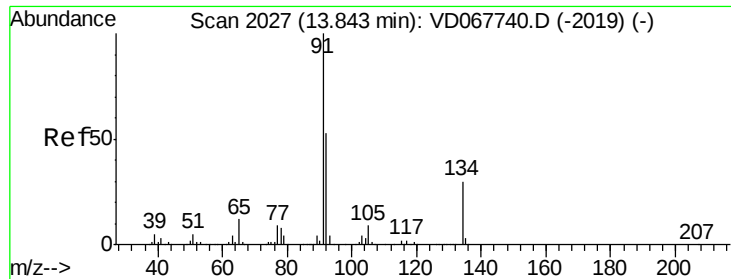
Tgt Ion:146 Resp: 105201
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.2 60.6
 148 65.7 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 21.187 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion:146 Resp: 104096
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.4
 148 64.3 31.6 94.8

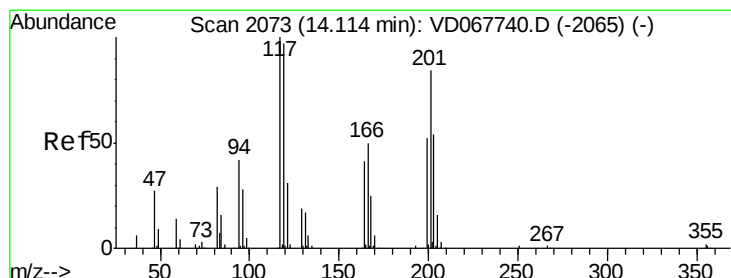
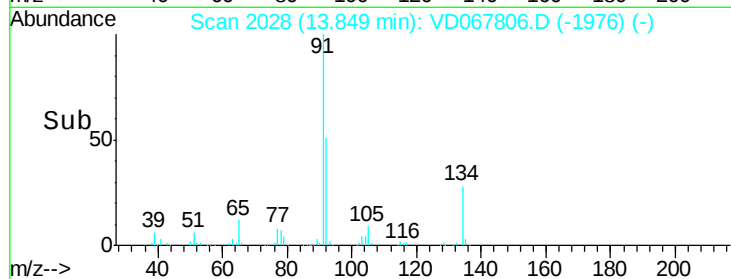
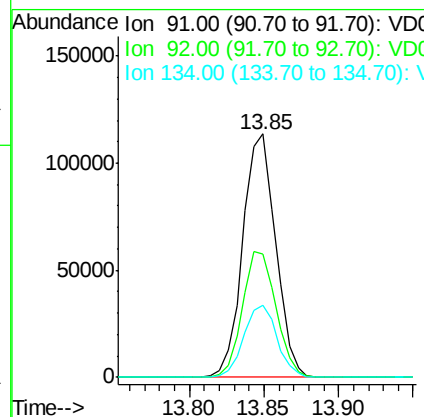
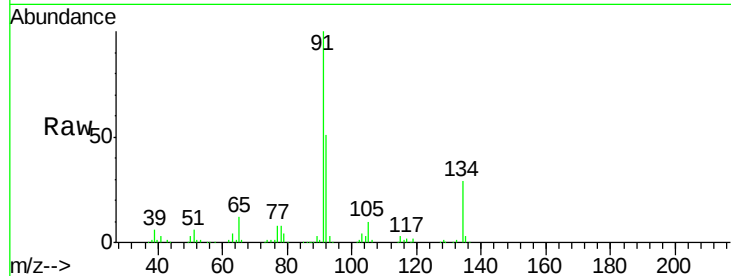




#89
n-Butylbenzene
Concen: 20.808 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

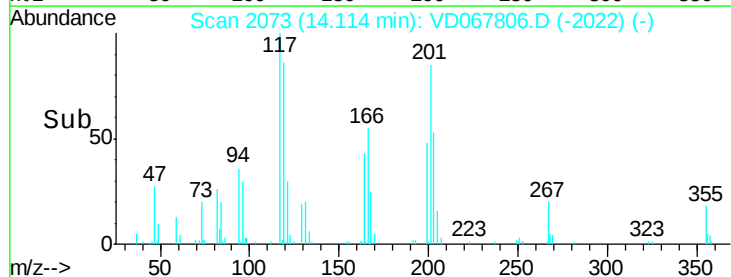
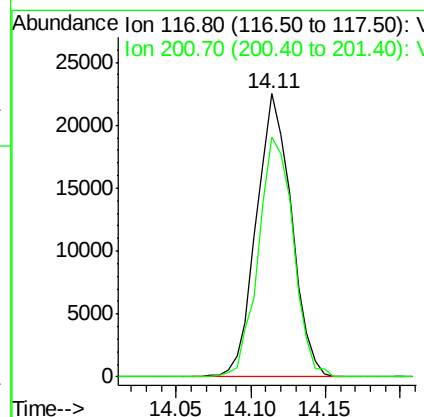
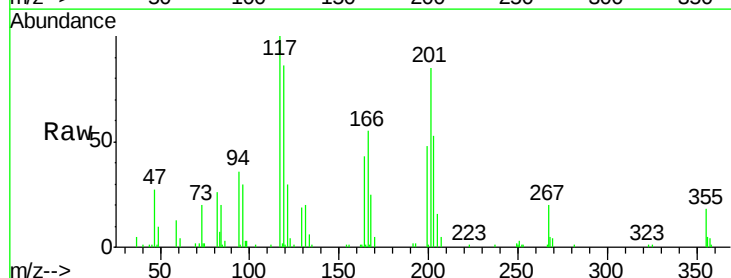
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

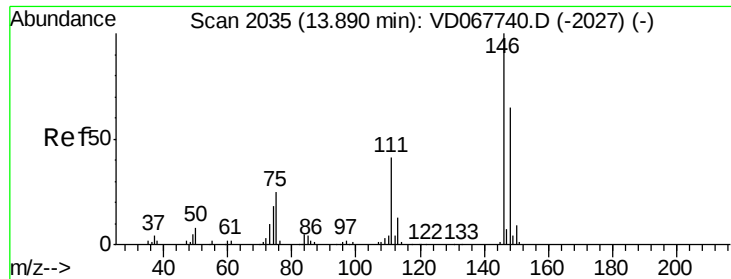
Tgt Ion: 91 Resp: 173616
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 29.8 14.8 44.3



#90
Hexachloroethane
Concen: 19.675 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion: 117 Resp: 36467
Ion Ratio Lower Upper
117 100
201 84.3 42.2 126.6

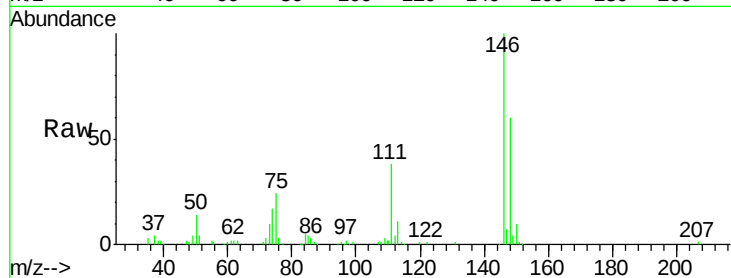




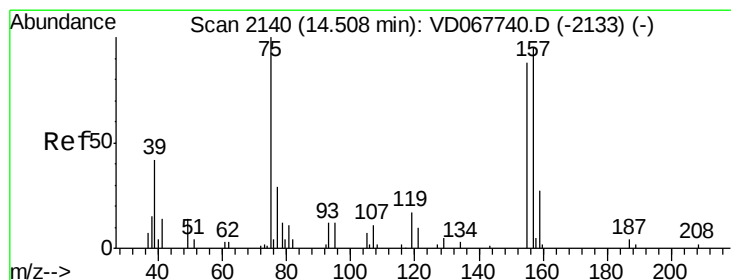
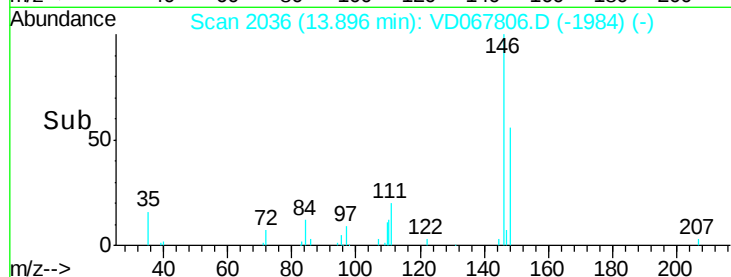
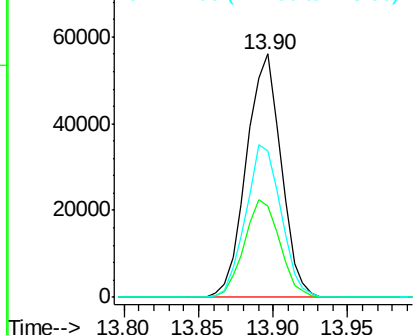
#91
 1,2-Dichlorobenzene
 Concen: 21.073 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Tgt Ion:146 Resp: 90038
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 63.8 32.4 97.2

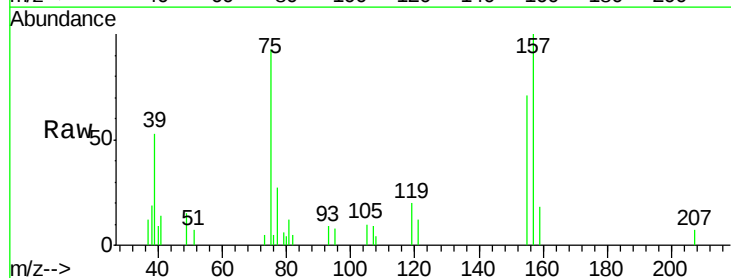


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

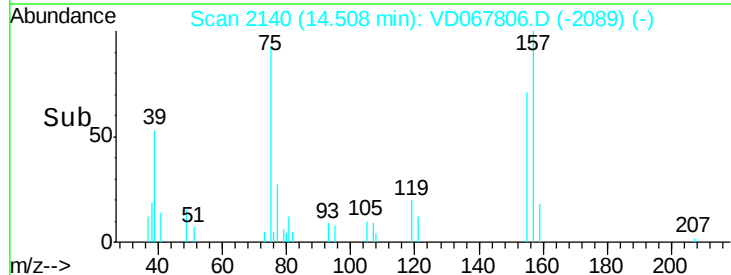
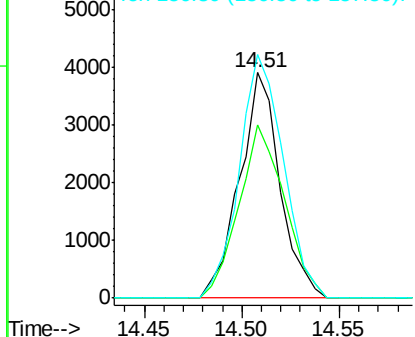


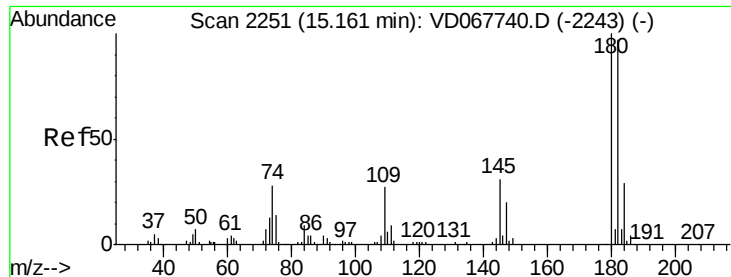
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.911 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion: 75 Resp: 5602
 Ion Ratio Lower Upper
 75 100
 155 87.0 41.0 123.0
 157 117.7 51.1 153.4



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

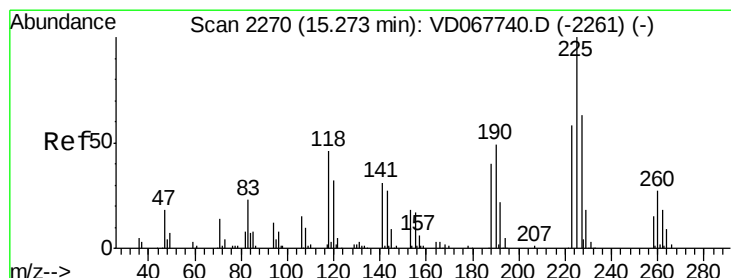
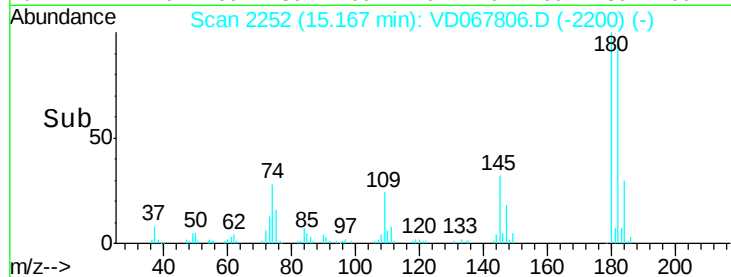
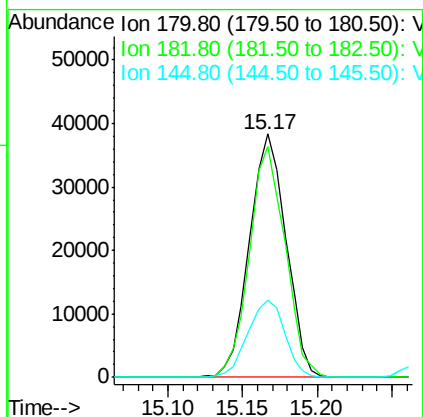
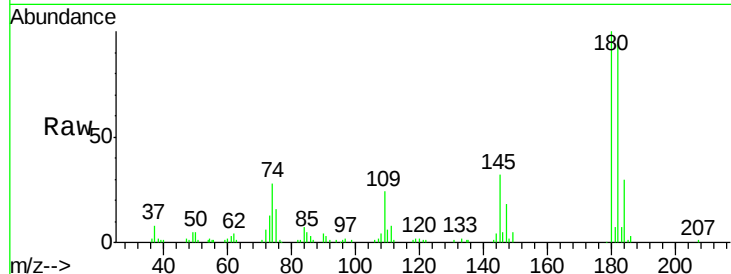




#93
 1,2,4-Trichlorobenzene
 Concen: 21.548 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

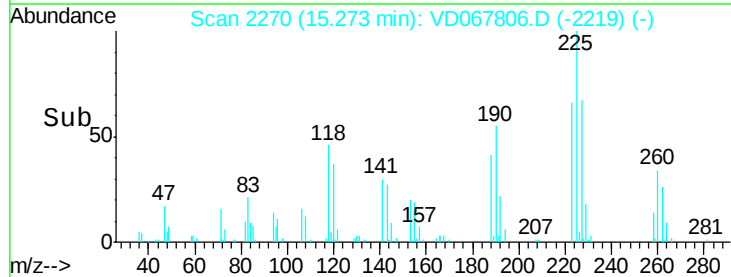
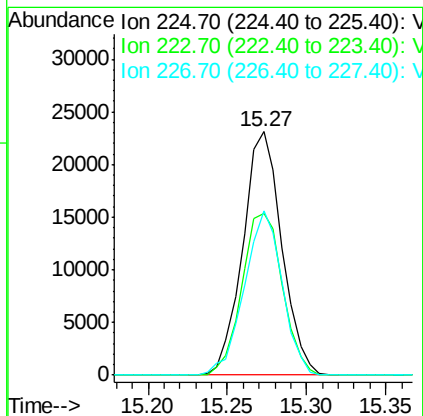
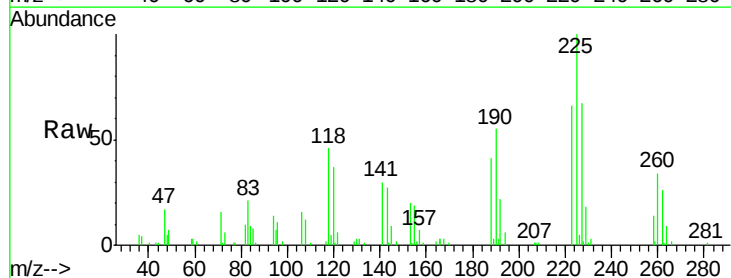
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

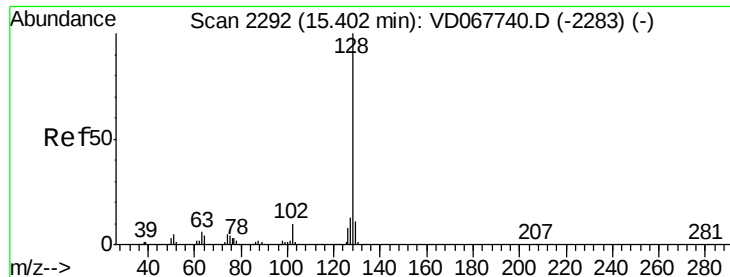
Tgt Ion:180 Resp: 65190
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.4 142.2
 145 32.1 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 20.407 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067806.D
 Acq: 30 Nov 2020 11:07

Tgt Ion:225 Resp: 39446
 Ion Ratio Lower Upper
 225 100
 223 69.2 31.5 94.5
 227 65.5 32.9 98.7

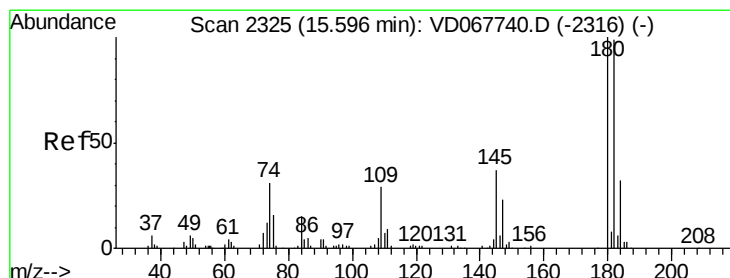
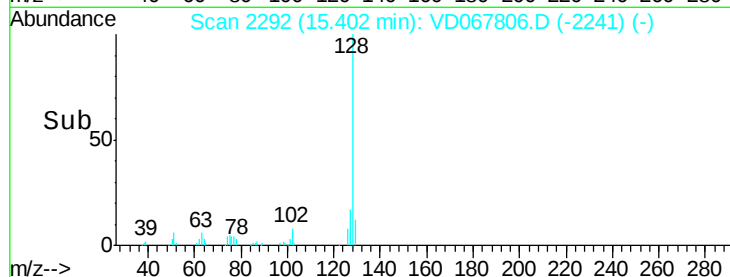
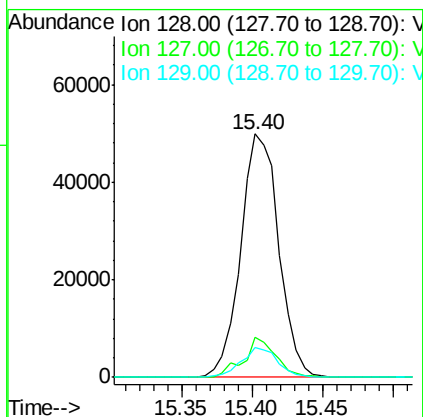
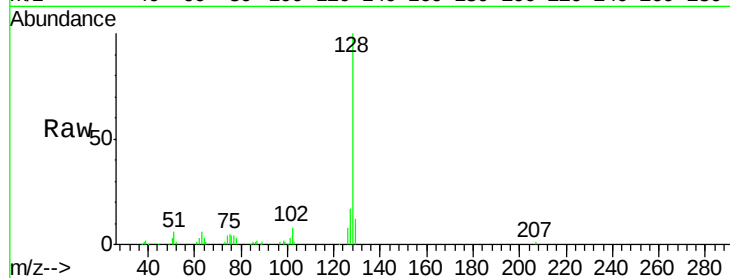




#95
Naphthalene
Concen: 19.183 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tgt Ion:128 Resp: 93922
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 11.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.518 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067806.D
Acq: 30 Nov 2020 11:07

Tgt Ion:180 Resp: 55452
Ion Ratio Lower Upper
180 100
182 91.1 48.0 144.0
145 31.9 16.8 50.4

