

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068898.D
 Acq On : 19 Apr 2021 14:40
 Operator : VA/SY
 Sample : M2070-03RE
 Misc : 4.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JGD-3150-D3550-ARE

Quant Time: Apr 20 00:52:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

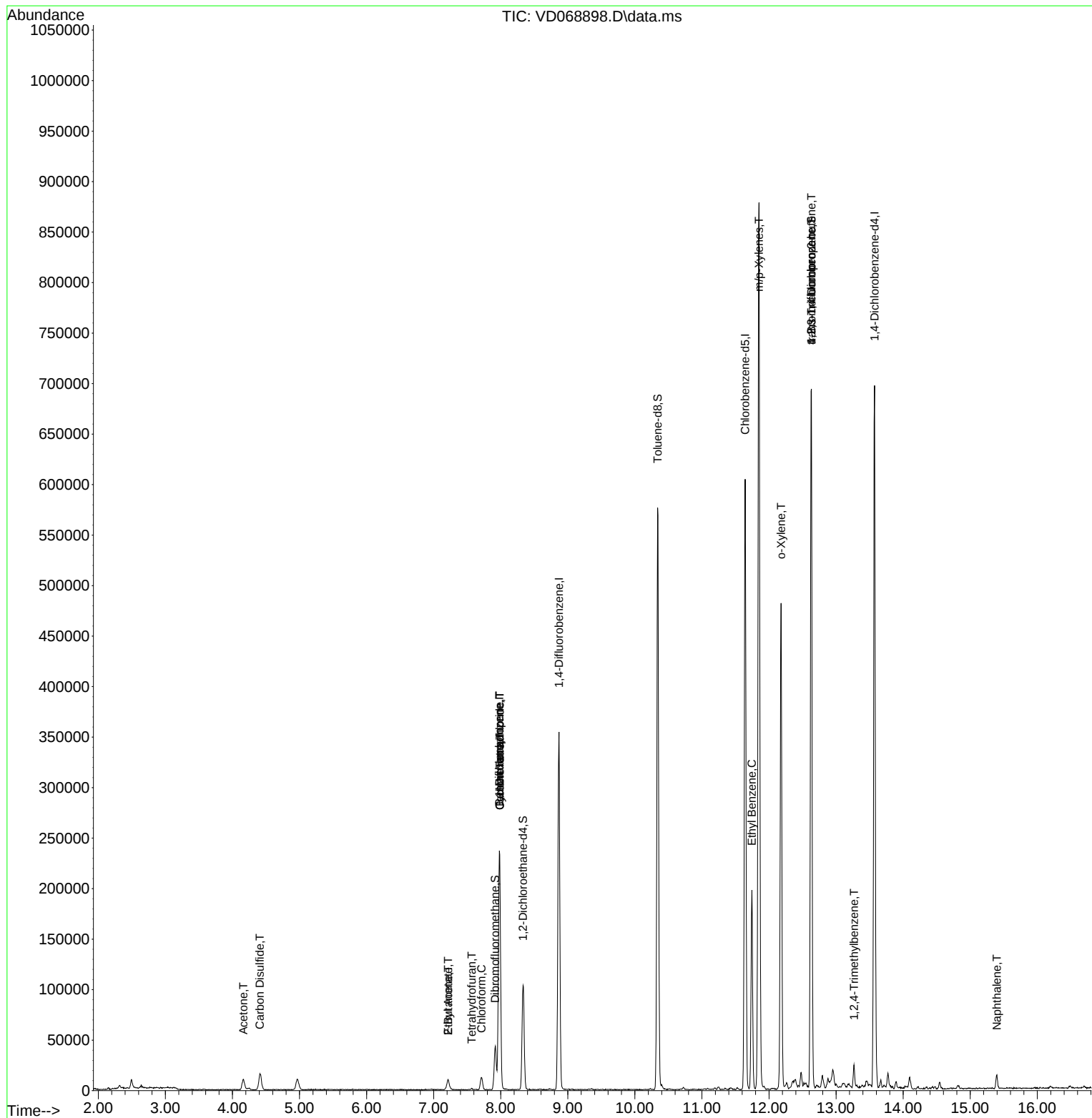
Internal Standards						
1) Pentafluorobenzene	7.979	168	182392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	318805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	367118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	190735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	83210	43.17	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.34%		
35) Dibromofluoromethane	7.914	113	30968	14.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	29.86%#		
50) Toluene-d8	10.338	98	407936	52.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.30%		
62) 4-Bromofluorobenzene	12.632	95	174930	67.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	134.66%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.226	59	206	Below Cal	#	73
16) Acetone	4.162	43	17585	65.88	ug/l	95
17) Carbon Disulfide	4.409	76	35279	5.97	ug/l	97
20) Methylene Chloride	4.968	84	9216	Below Cal	#	85
25) 2-Butanone	7.214	43	14373	38.05	ug/l	91
29) Tetrahydrofuran	7.567	42	499	1.96	ug/l	# 64
30) Chloroform	7.714	83	12046	2.93	ug/l	93
31) Cyclohexane	7.985	56	4021	1.25	ug/l	# 7
36) 1,1-Dichloropropene	7.979	75	13368	4.14	ug/l	# 50
37) Ethyl Acetate	7.214	43	14373	15.16	ug/l	# 64
38) Carbon Tetrachloride	7.985	117	18654	5.84	ug/l	# 17
67) Ethyl Benzene	11.744	91	141013	10.25	ug/l	99
68) m/p-Xylenes	11.850	106	288718	54.37	ug/l	100
69) o-Xylene	12.179	106	137584	28.49	ug/l	98
76) 1,2,3-Trichloropropane	12.632	75	91221	52.35	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	91221	121.49	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.267	105	12588	1.07	ug/l	100
95) Naphthalene	15.396	128	12713	2.05	ug/l	95

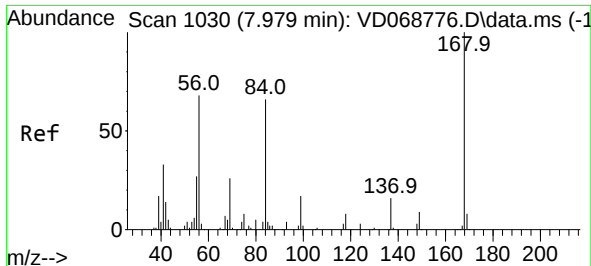
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068898.D
Acq On : 19 Apr 2021 14:40
Operator : VA/SY
Sample : M2070-03RE
Misc : 4.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

Quant Time: Apr 20 00:52:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

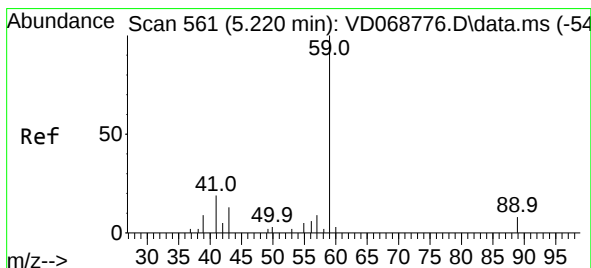
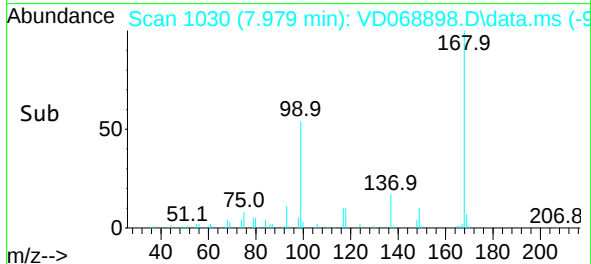
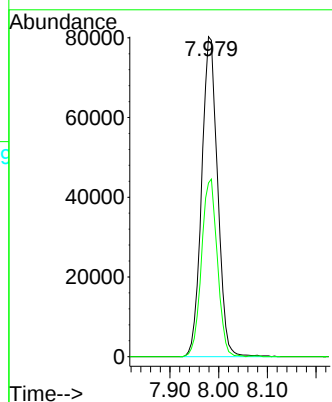
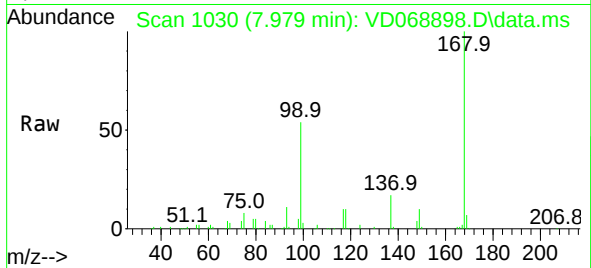




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

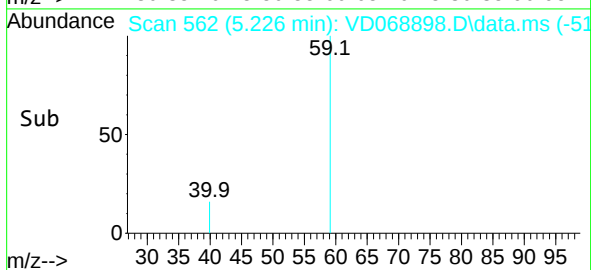
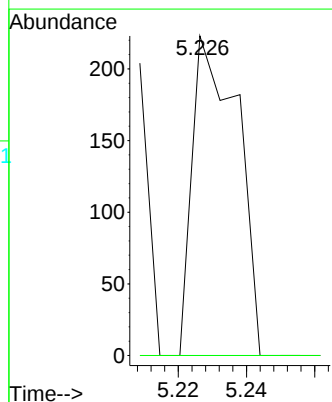
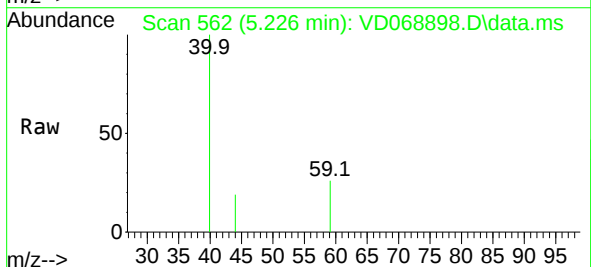
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

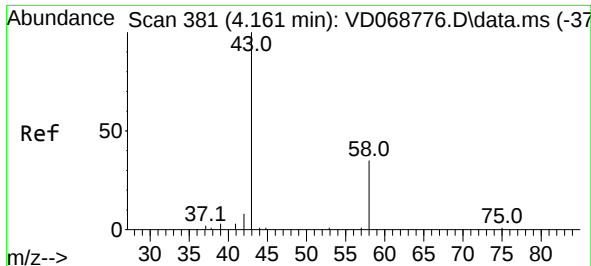
Tgt Ion:168 Resp: 182392
Ion Ratio Lower Upper
168 100
99 54.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

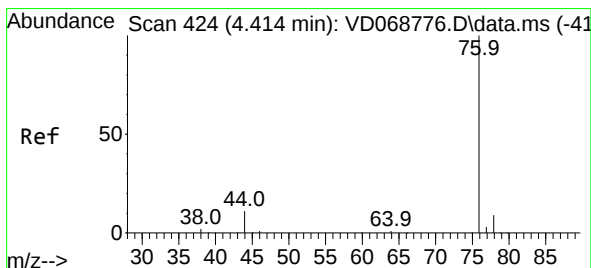
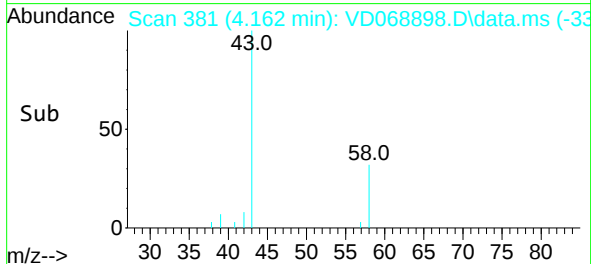
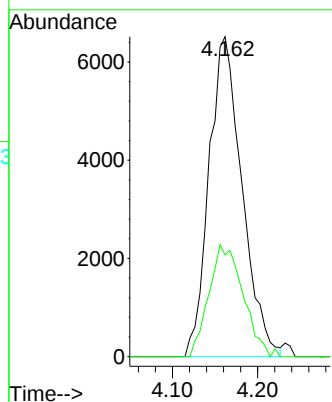
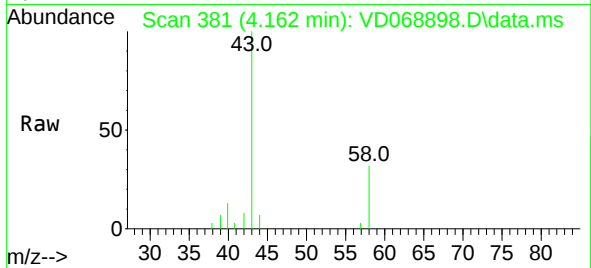




#16
Acetone
Concen: 65.88 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

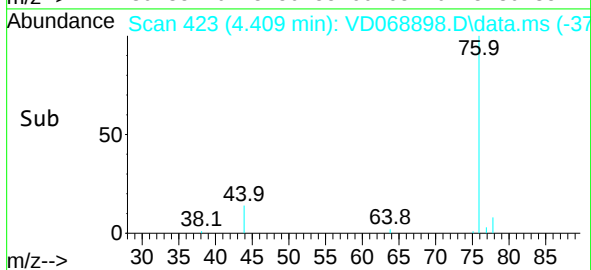
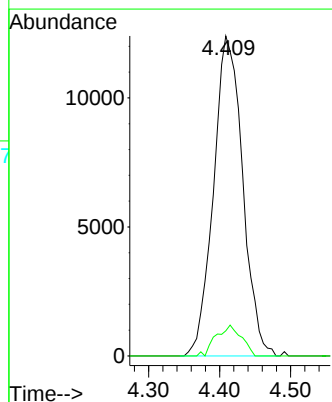
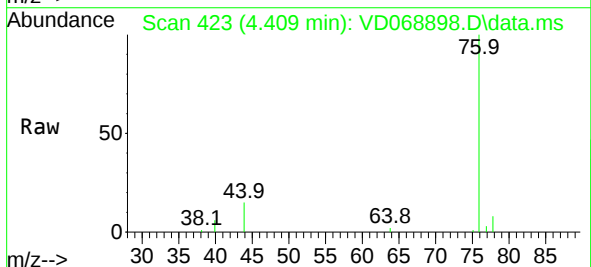
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

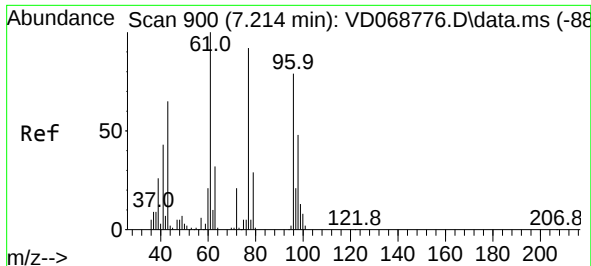
Tgt Ion: 43 Resp: 17585
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0



#17
Carbon Disulfide
Concen: 5.97 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

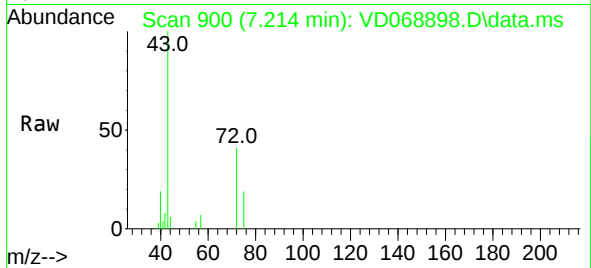
Tgt Ion: 76 Resp: 35279
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



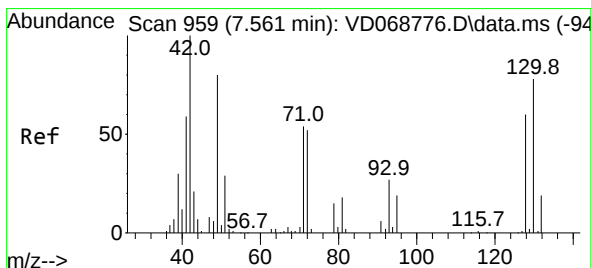
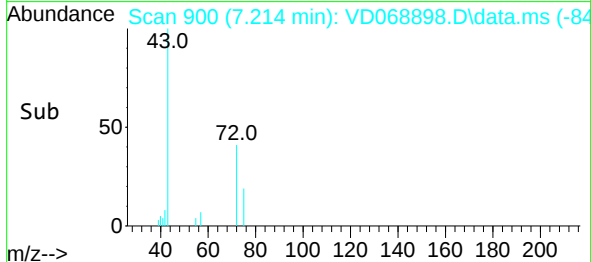
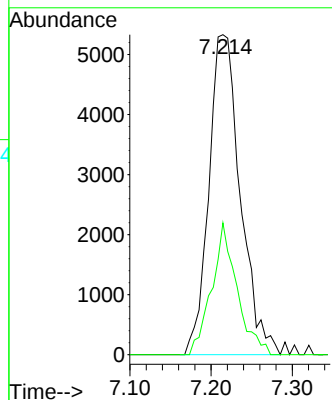


#25
2-Butanone
Concen: 38.05 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

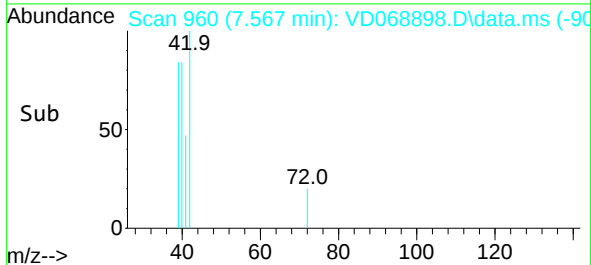
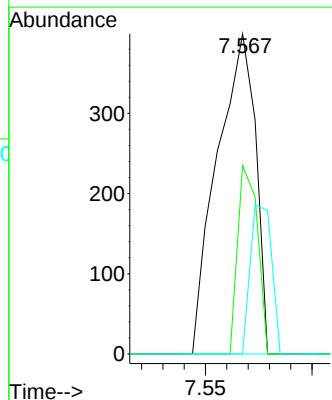
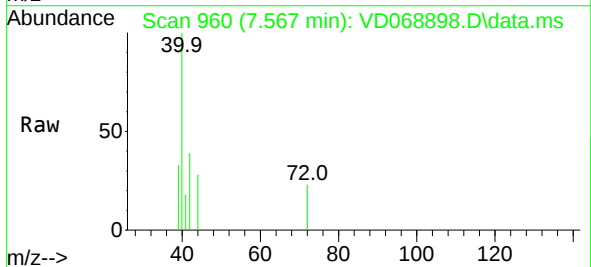


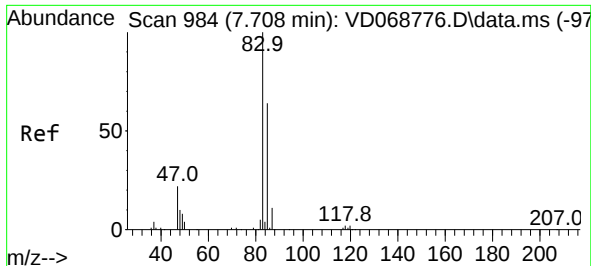
Tgt Ion: 43 Resp: 14373
Ion Ratio Lower Upper
43 100
72 41.2 28.6 43.0



#29
Tetrahydrofuran
Concen: 1.96 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

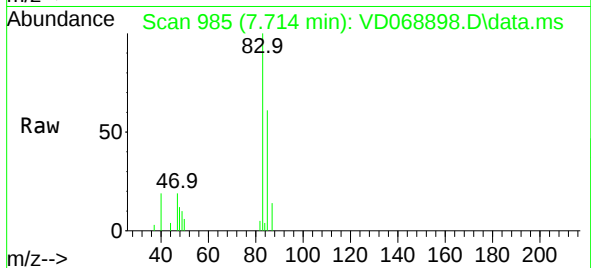
Tgt Ion: 42 Resp: 499
Ion Ratio Lower Upper
42 100
72 30.5 45.2 67.8#
71 25.9 40.8 61.2#



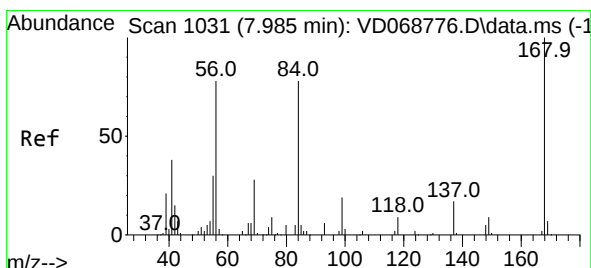
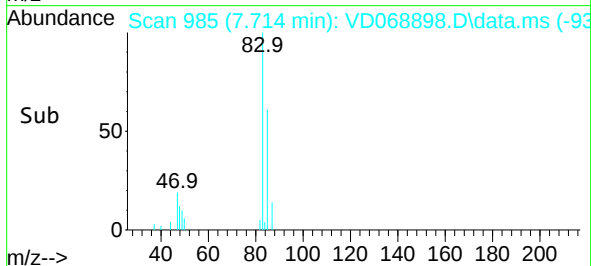
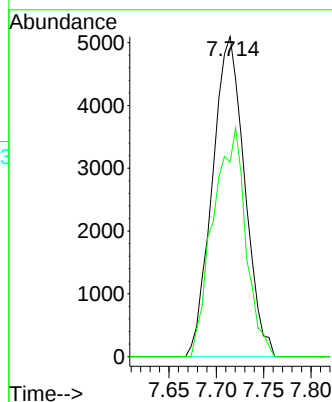


#30
Chloroform
Concen: 2.93 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

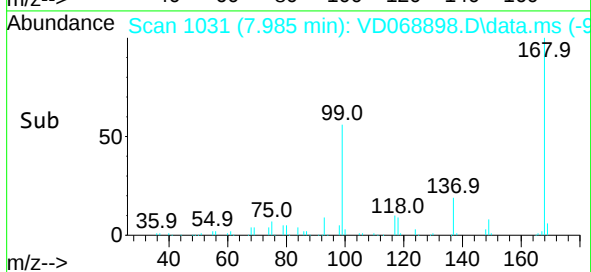
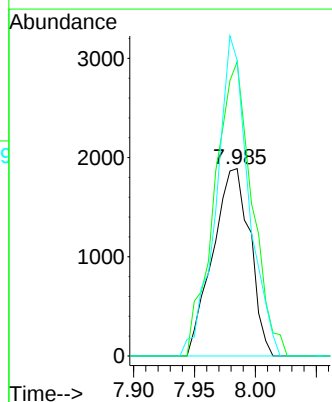
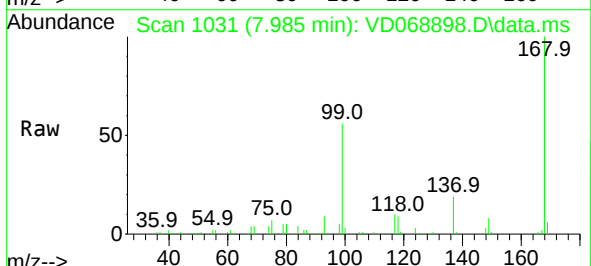


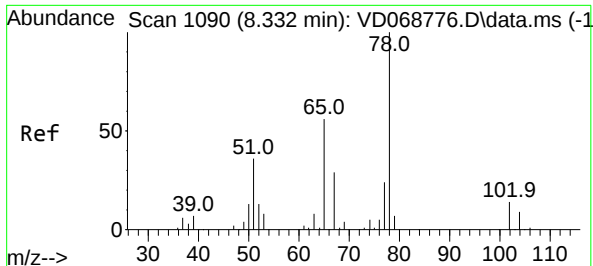
Tgt Ion: 83 Resp: 12046
Ion Ratio Lower Upper
83 100
85 60.8 53.3 79.9



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Tgt Ion: 56 Resp: 4021
Ion Ratio Lower Upper
56 100
69 157.1 30.0 45.0#
84 157.8 82.0 123.0#





#33

1,2-Dichloroethane-d4

Concen: 43.17 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068898.D

Acq: 19 Apr 2021 14:40

Tgt Ion: 65 Resp: 83210

Ion Ratio Lower Upper

65 100

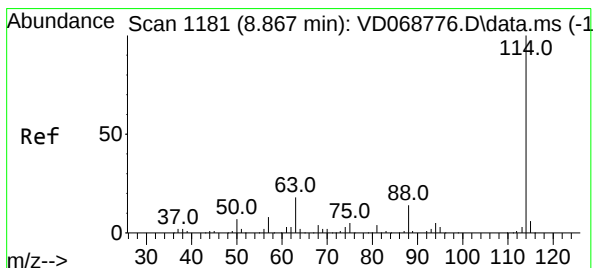
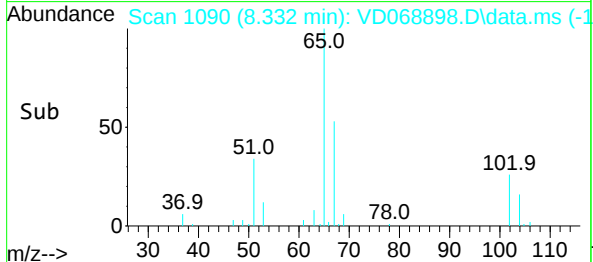
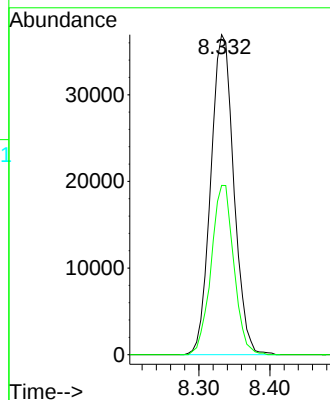
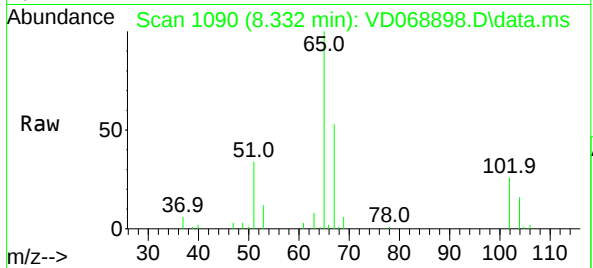
67 52.0 0.0 106.0

Instrument :

MSVOA_D

ClientSampleId :

JGD-3150-D3550-ARE



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068898.D

Acq: 19 Apr 2021 14:40

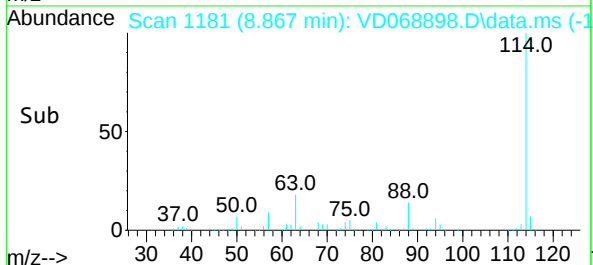
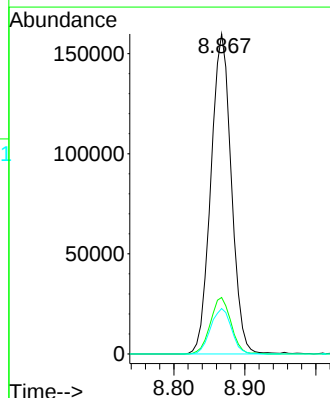
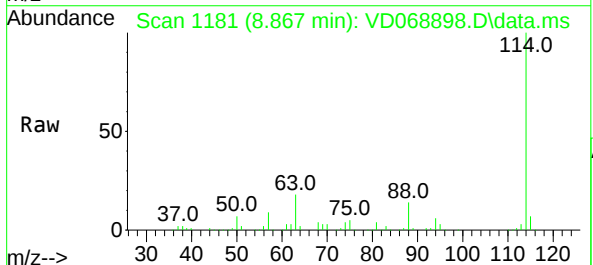
Tgt Ion: 114 Resp: 318805

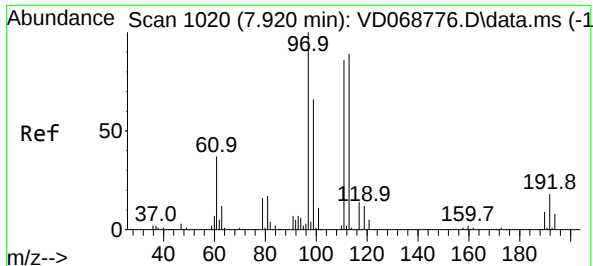
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.2

88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 14.93 ug/l

RT: 7.914 min Scan# 1019

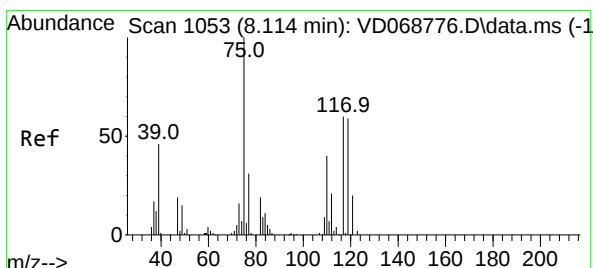
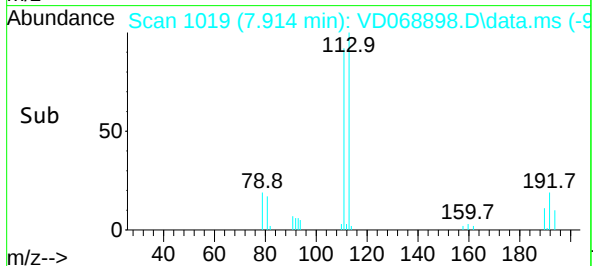
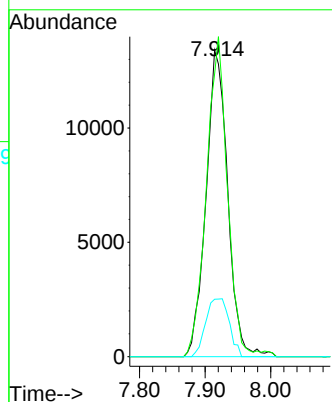
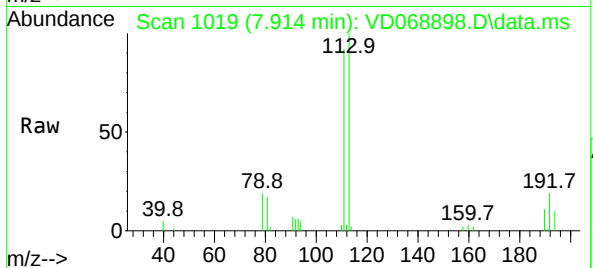
Delta R.T. -0.006 min

Lab File: VD068898.D

Acq: 19 Apr 2021 14:40

Tgt Ion:	113	Resp:	30968
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.5	123.7
192	20.3	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE



#36

1,1-Dichloropropene

Concen: 4.14 ug/l

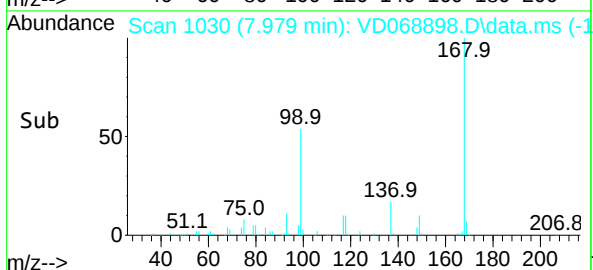
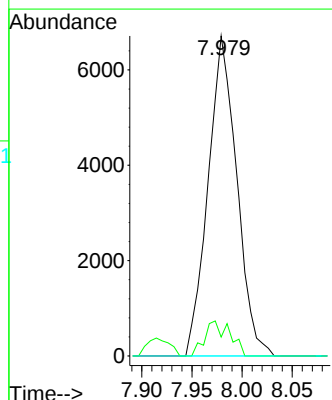
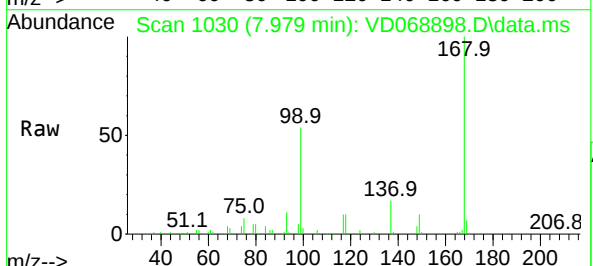
RT: 7.979 min Scan# 1030

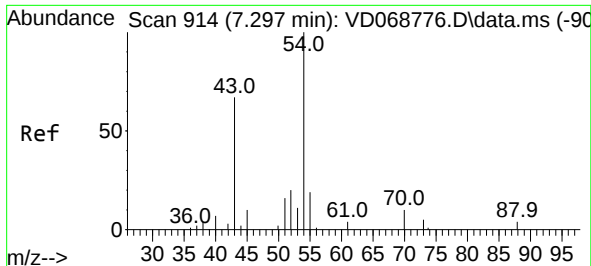
Delta R.T. -0.135 min

Lab File: VD068898.D

Acq: 19 Apr 2021 14:40

Tgt Ion:	75	Resp:	13368
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 15.16 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.083 min

Lab File: VD068898.D

Acq: 19 Apr 2021 14:40

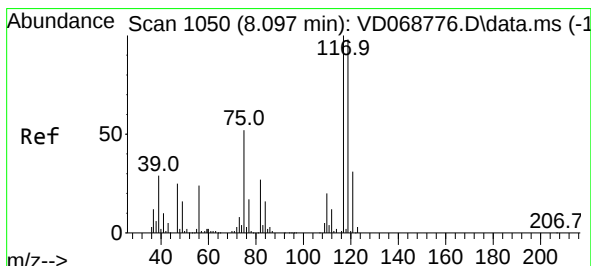
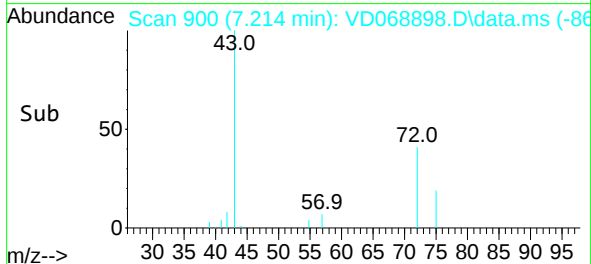
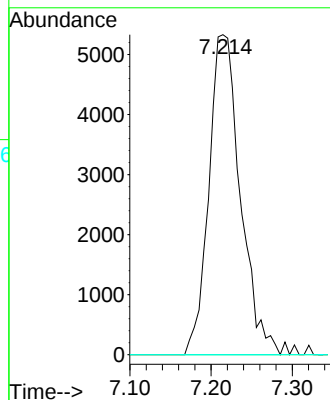
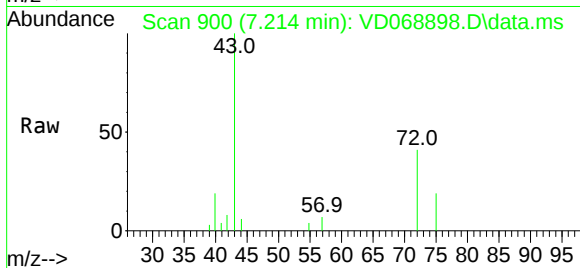
Instrument :

MSVOA_D

ClientSampleId :

JGD-3150-D3550-ARE

Tgt Ion:	43	Resp:	14373
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.2	21.4#
70	0.0	9.4	14.0#



#38

Carbon Tetrachloride

Concen: 5.84 ug/l

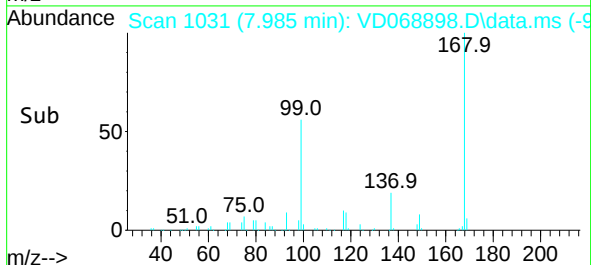
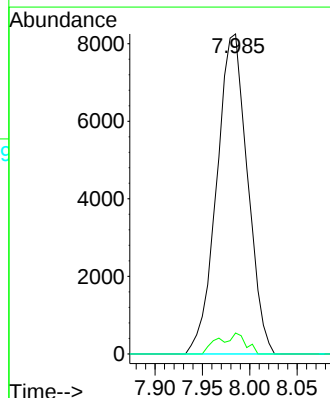
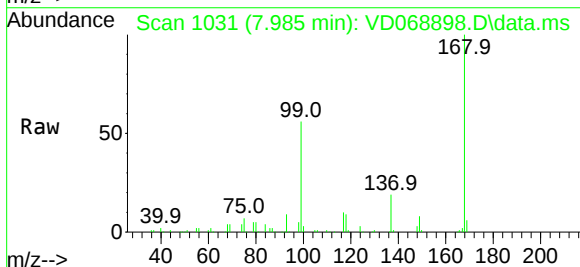
RT: 7.985 min Scan# 1031

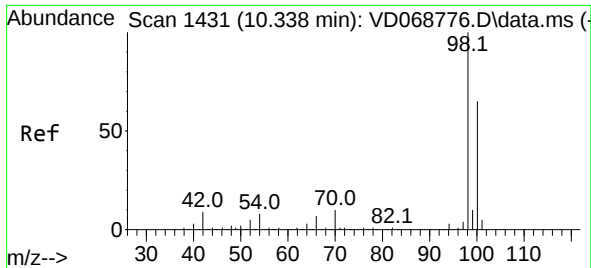
Delta R.T. -0.112 min

Lab File: VD068898.D

Acq: 19 Apr 2021 14:40

Tgt Ion:	117	Resp:	18654
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.6	115.0#
121	0.0	26.1	39.1#

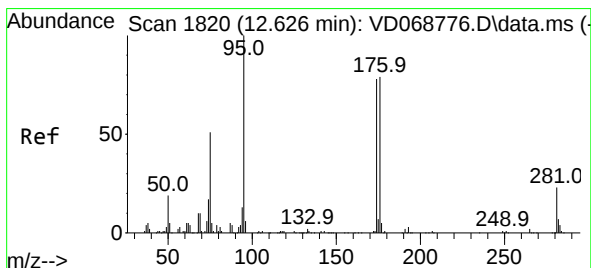
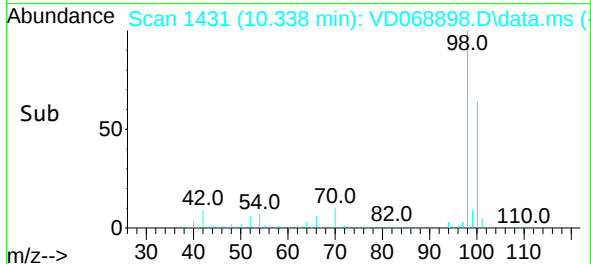
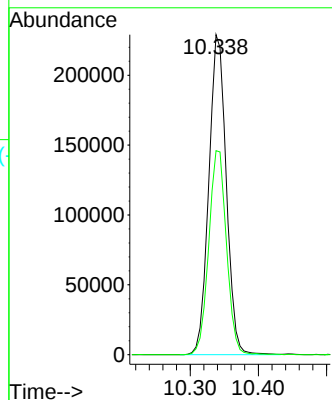
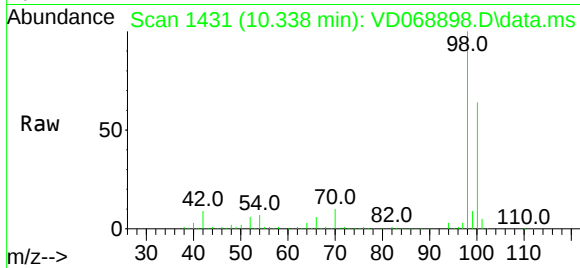




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

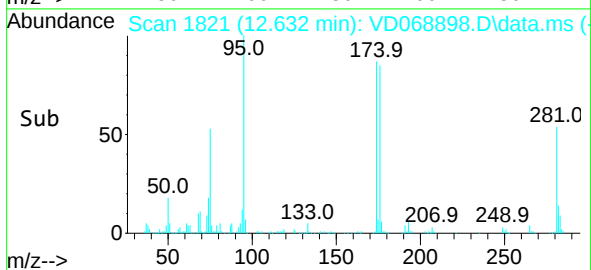
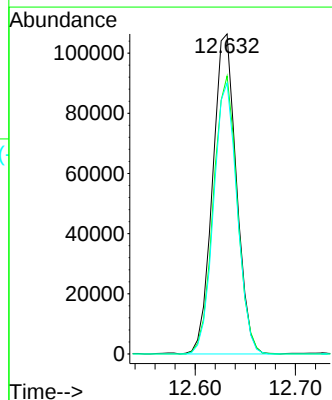
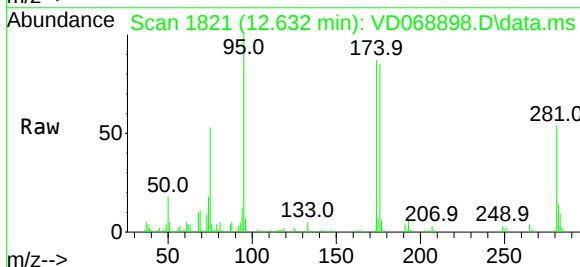
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

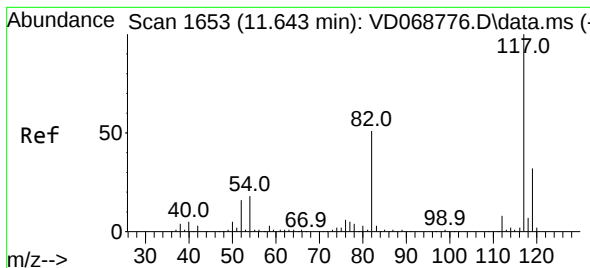
Tgt Ion: 98 Resp: 407936
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Tgt Ion: 95 Resp: 174930
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 83.4 0.0 160.2

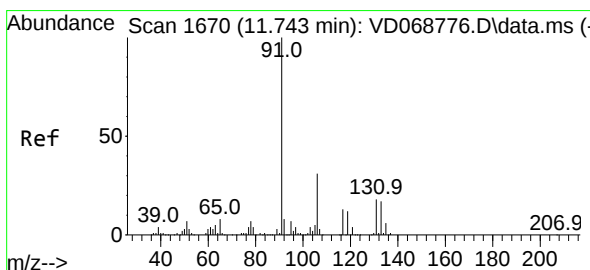
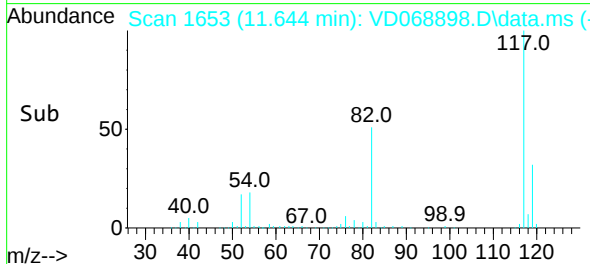
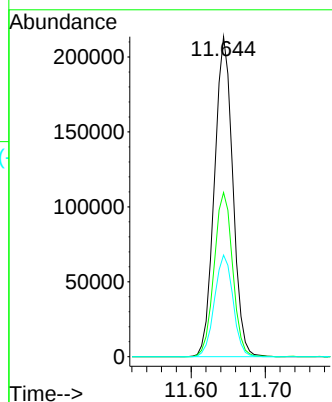
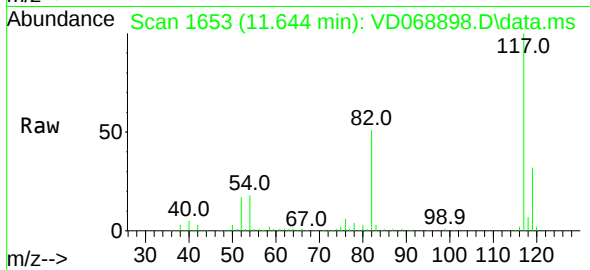




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

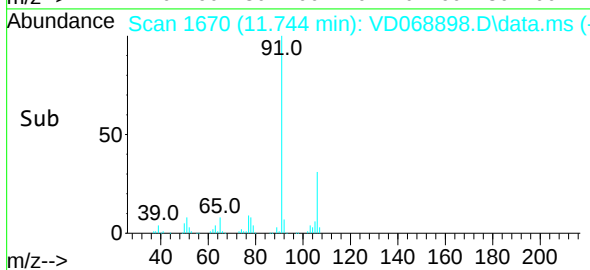
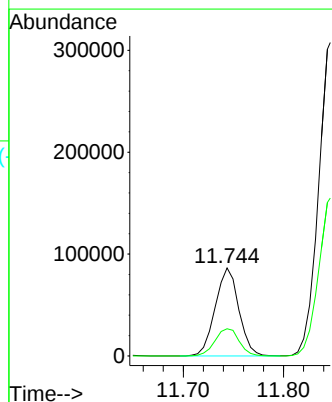
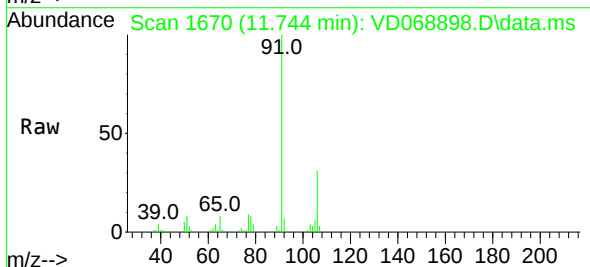
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

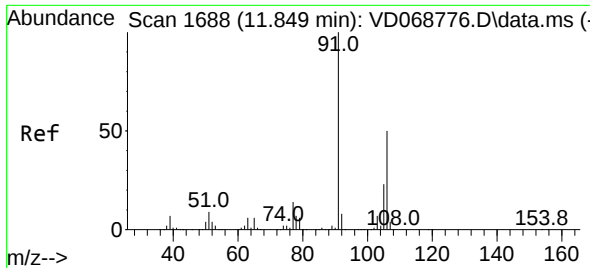
Tgt Ion:117 Resp: 367118
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 31.8 26.7 40.1



#67
Ethyl Benzene
Concen: 10.25 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Tgt Ion: 91 Resp: 141013
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7

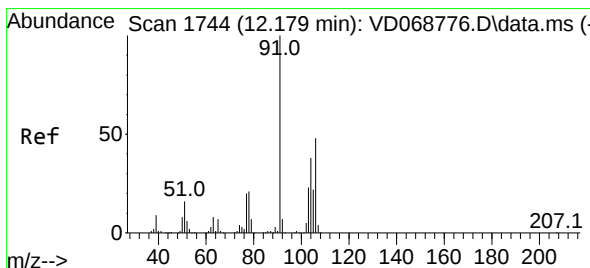
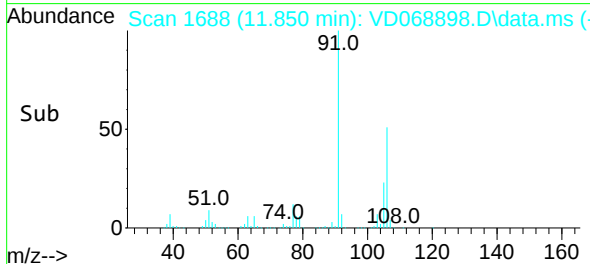
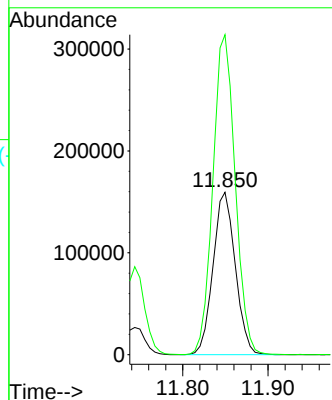
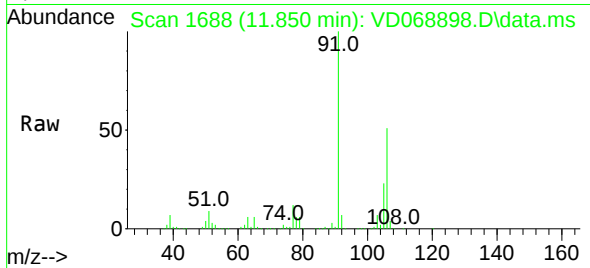




#68
m/p-Xylenes
Concen: 54.37 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

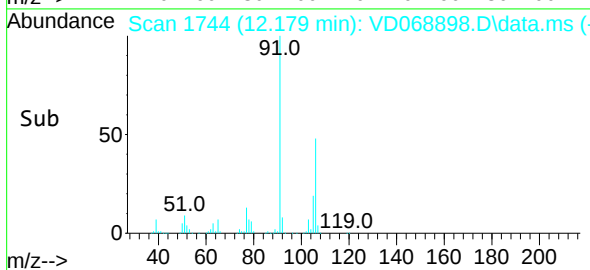
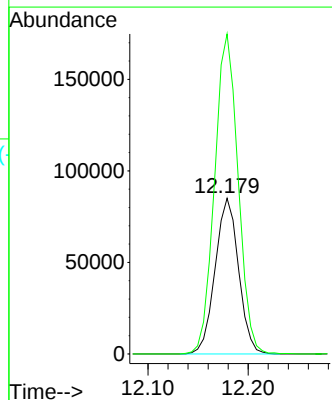
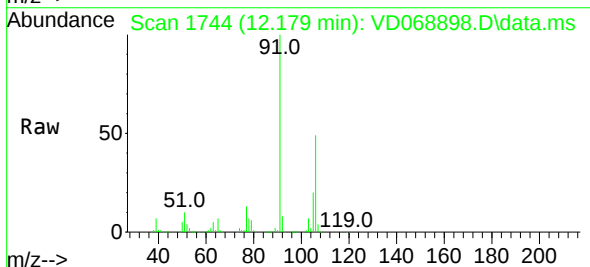
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

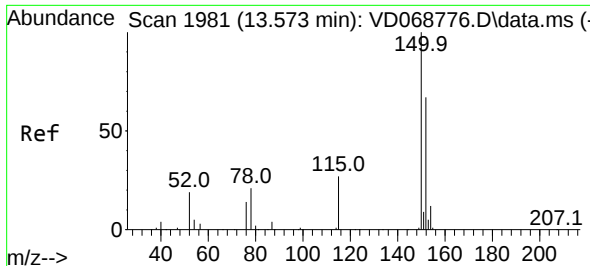
Tgt Ion:106 Resp: 288718
Ion Ratio Lower Upper
106 100
91 197.7 158.6 238.0



#69
o-Xylene
Concen: 28.49 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Tgt Ion:106 Resp: 137584
Ion Ratio Lower Upper
106 100
91 206.4 105.0 315.0

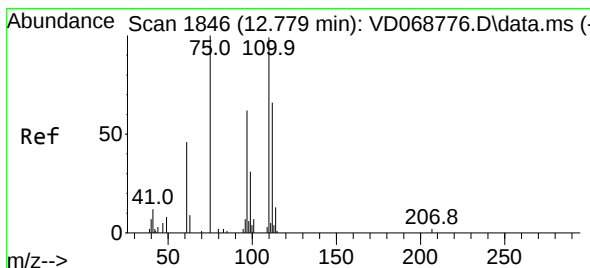
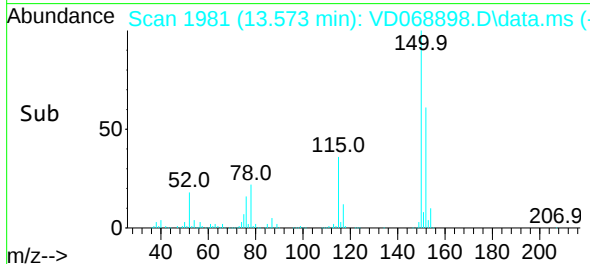
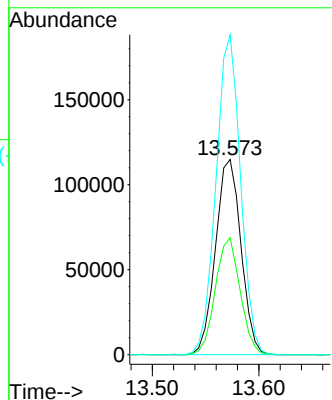
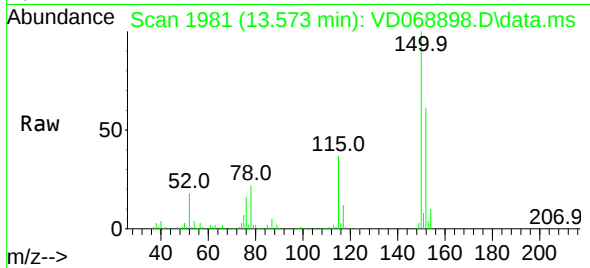




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

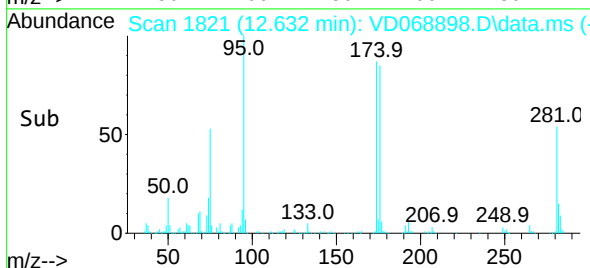
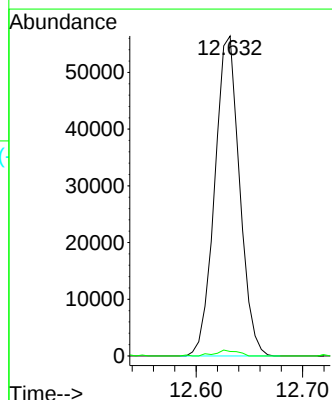
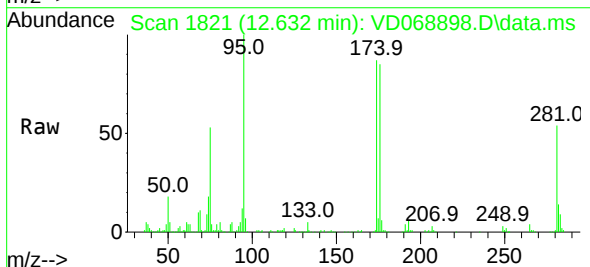
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

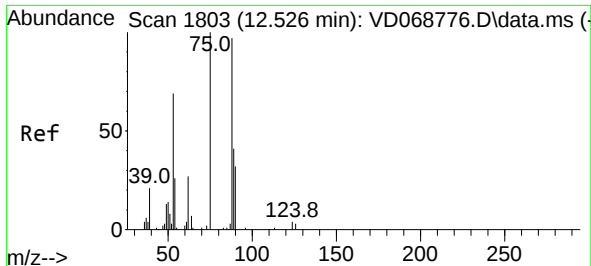
Tgt Ion:152 Resp: 190735
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.35 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Tgt Ion: 75 Resp: 91221
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

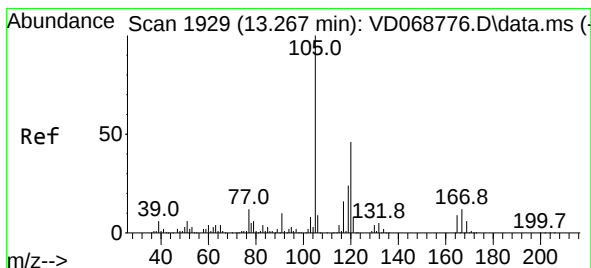
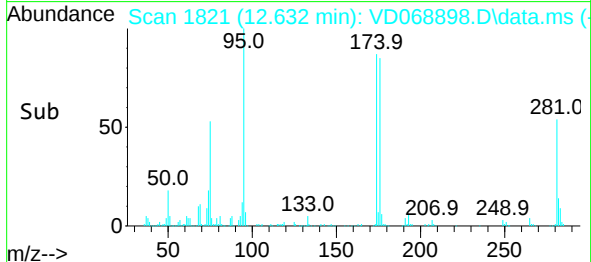
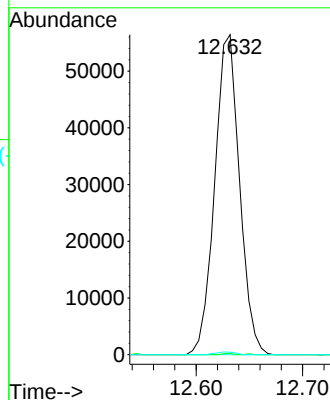
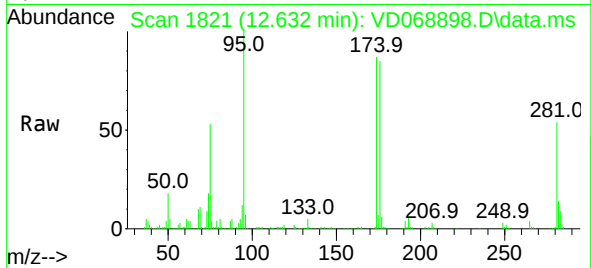




#81
trans-1,4-Dichloro-2-butene
Concen: 121.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

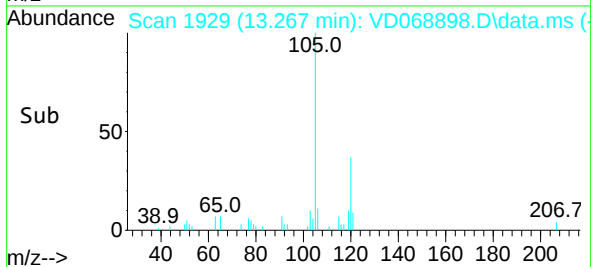
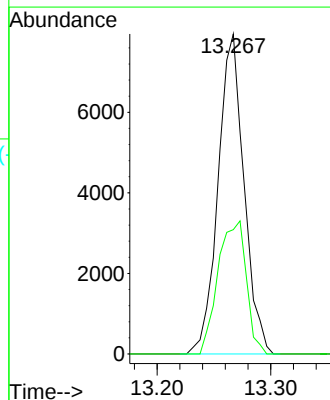
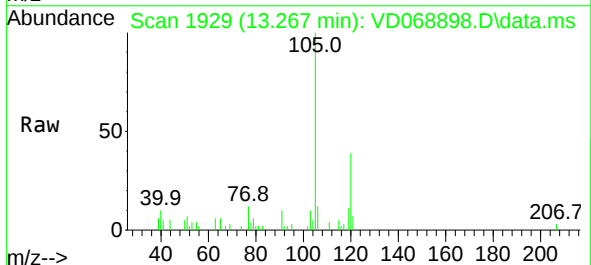
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE

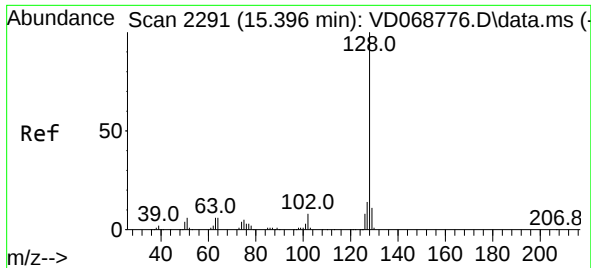
Tgt Ion: 75 Resp: 91221
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.6 36.6 54.8#



#84
1,2,4-Trimethylbenzene
Concen: 1.07 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

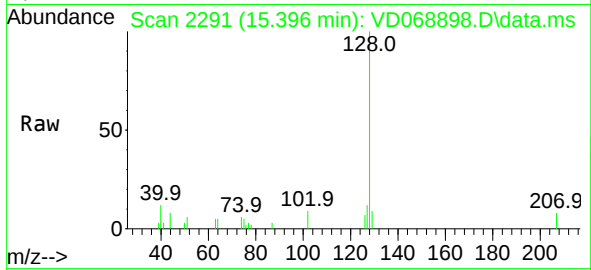
Tgt Ion:105 Resp: 12588
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.7





#95
Naphthalene
Concen: 2.05 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068898.D
Acq: 19 Apr 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-ARE



Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.4
129	9.1	8.9	13.3

