

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004642.D
 Acq On : 27 Apr 2021 09:27
 Operator : SY/MD
 Sample : VY0427SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 09:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	121590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79890	59.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.28%
35) Dibromofluoromethane	7.728	113	67213	56.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.38%
50) Toluene-d8	10.185	98	268243	52.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.44%
62) 4-Bromofluorobenzene	12.489	95	86708	50.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.44%

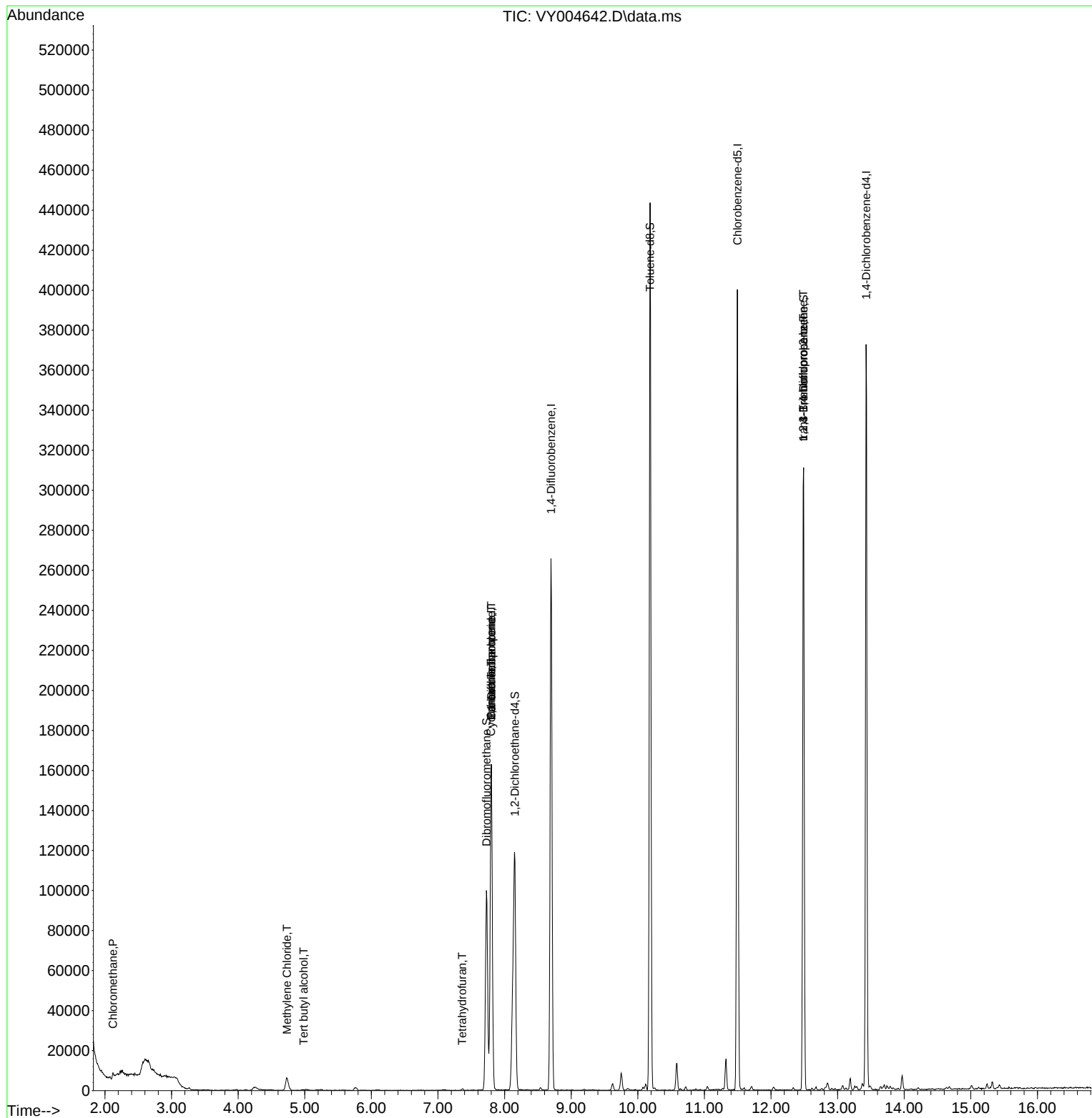
Target Compounds						Qvalue
3) Chloromethane	2.119	50	1963	1.21	ug/l	99
11) Tert butyl alcohol	4.985	59	455	3.42	ug/l #	73
16) Acetone	3.966	43	678	Below Cal	#	85
20) Methylene Chloride	4.735	84	4265	3.27	ug/l	97
29) Tetrahydrofuran	7.362	42	528	1.44	ug/l #	55
31) Cyclohexane	7.795	56	3047	1.23	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	10588	4.94	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12548	6.78	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	48292	51.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48292	91.26	ug/l #	12

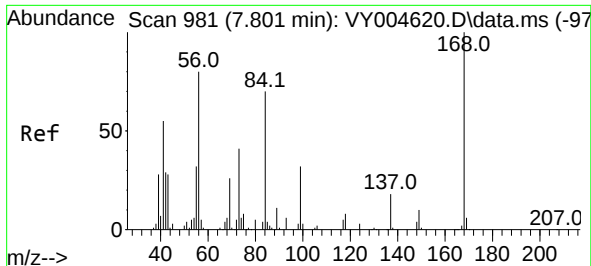
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

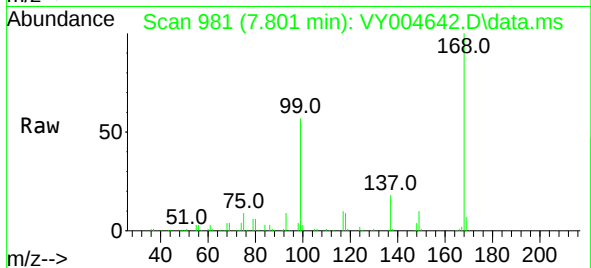
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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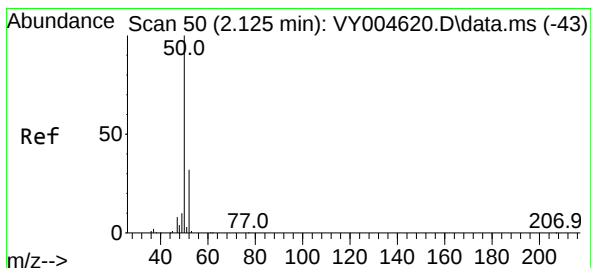
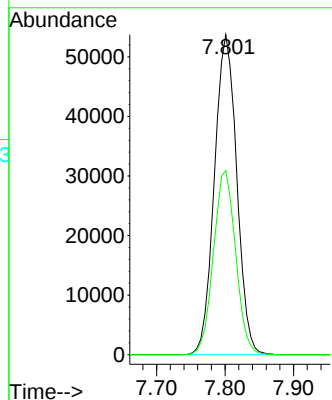
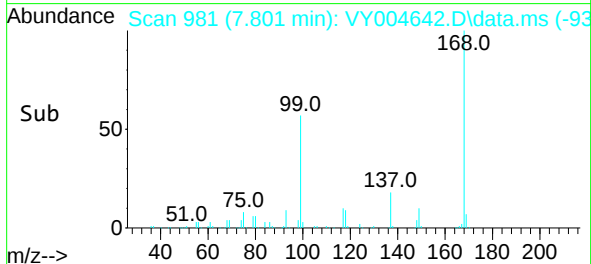


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

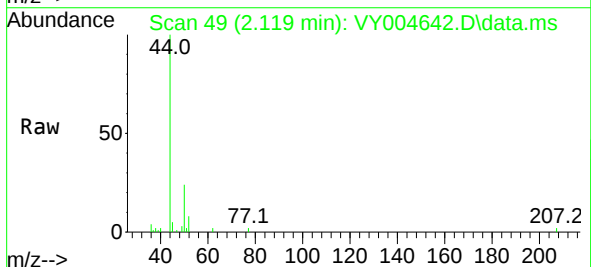
Instrument :
MSVOA_Y
ClientSampleId :



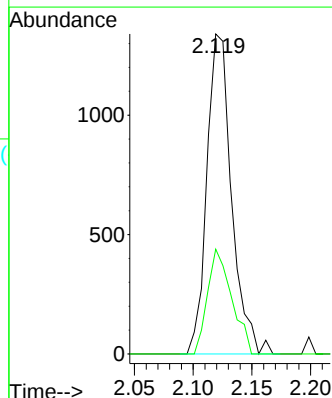
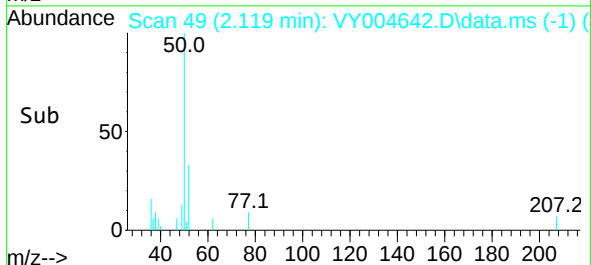
Tgt Ion:168 Resp: 121590
Ion Ratio Lower Upper
168 100
99 57.5 45.5 68.3

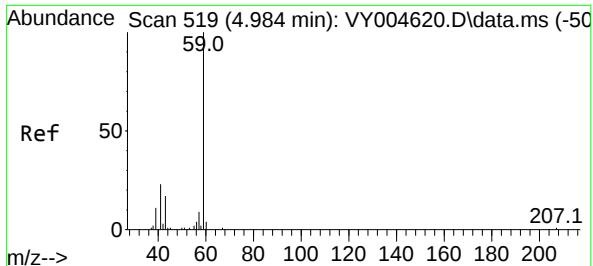


#3
Chloromethane
Concen: 1.21 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27



Tgt Ion: 50 Resp: 1963
Ion Ratio Lower Upper
50 100
52 32.8 26.6 39.8

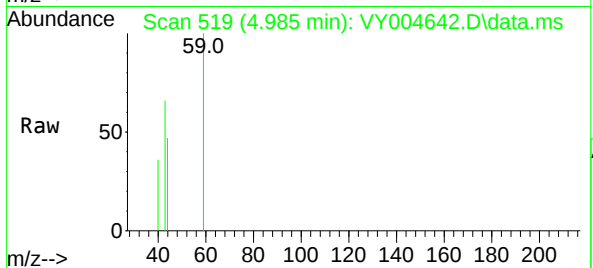




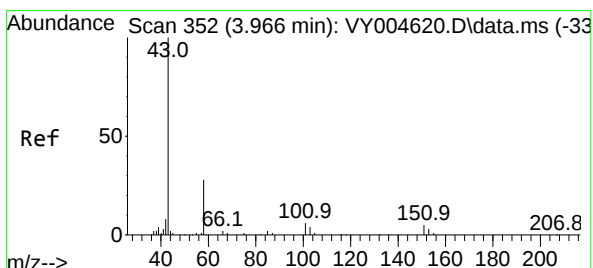
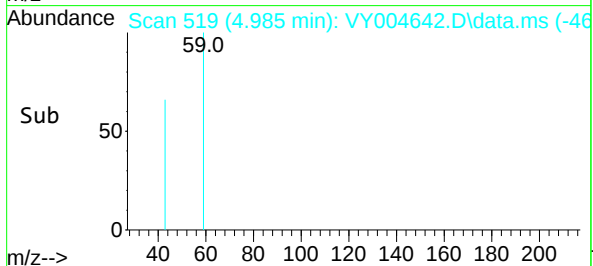
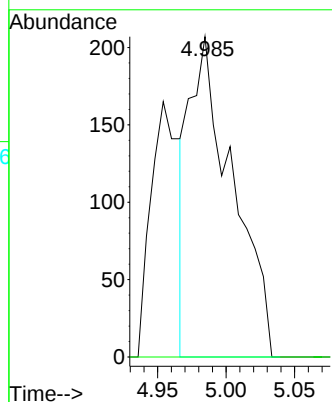
#11

Tert butyl alcohol
Concen: 3.42 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Instrument :
MSVOA_Y
ClientSampled :

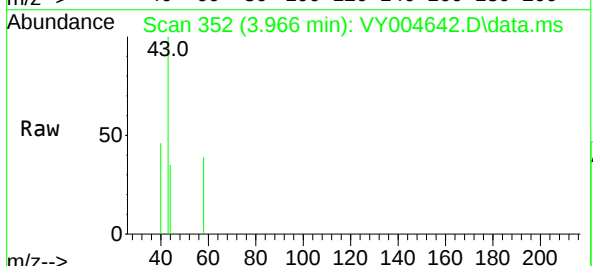


Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

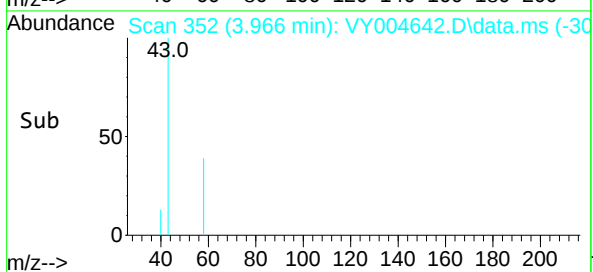
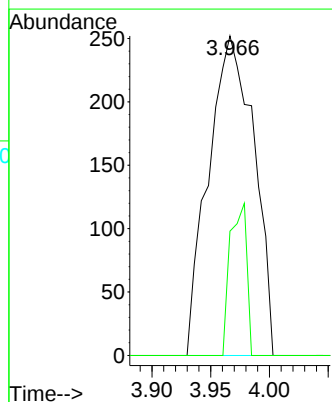


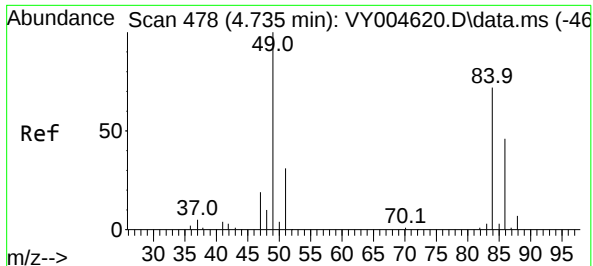
#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27



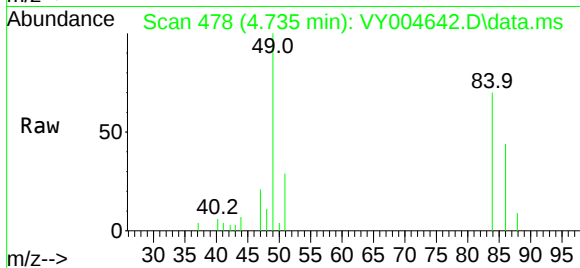
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
58 38.9 24.6 37.0#



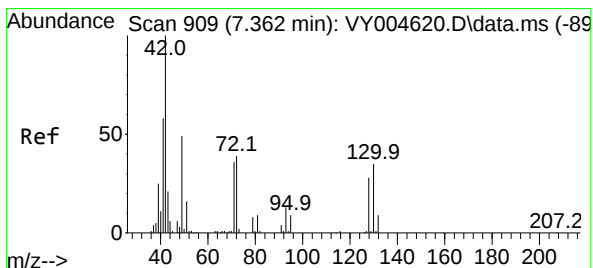
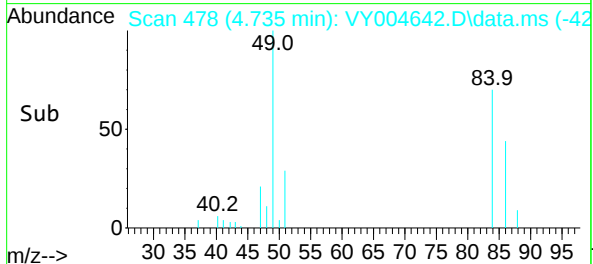
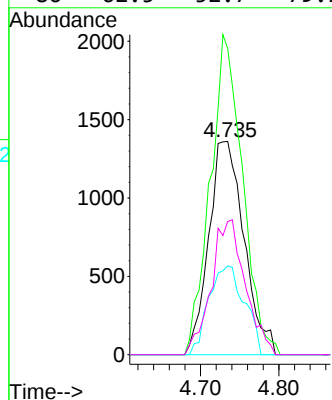


#20
Methylene Chloride
Concen: 3.27 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

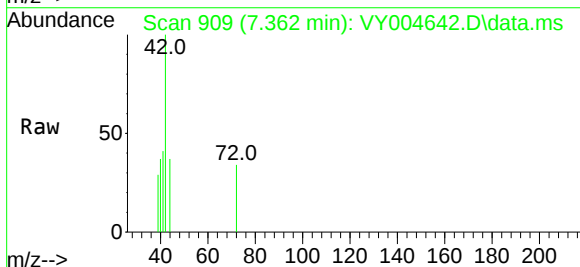
Instrument :
MSVOA_Y
ClientSampleId :



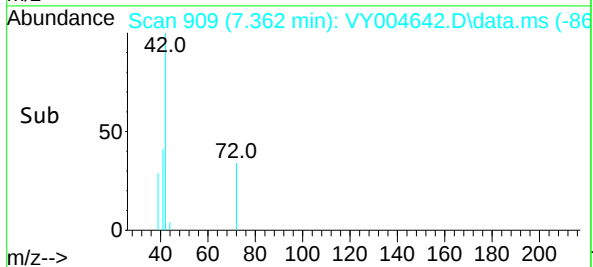
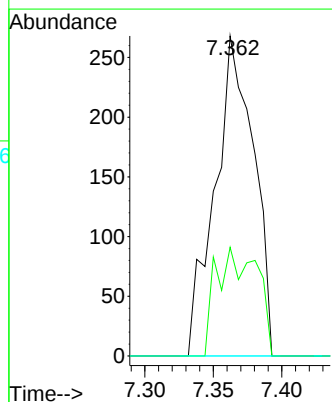
Tgt Ion:	84	Resp:	4265
Ion	Ratio	Lower	Upper
84	100		
49	143.5	111.2	166.8
51	41.7	33.4	50.2
86	62.5	52.7	79.1

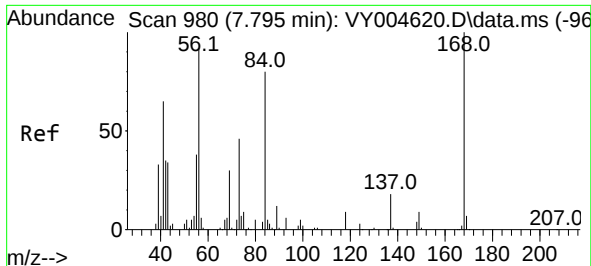


#29
Tetrahydrofuran
Concen: 1.44 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27



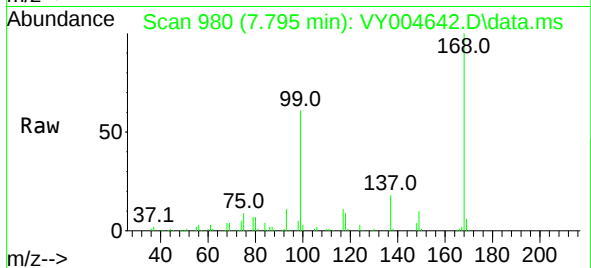
Tgt Ion:	42	Resp:	528
Ion	Ratio	Lower	Upper
42	100		
72	20.3	31.0	46.4#
71	0.0	28.8	43.2#



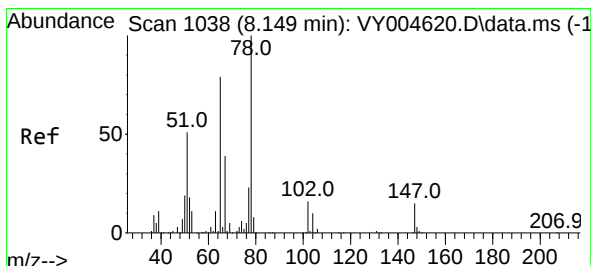
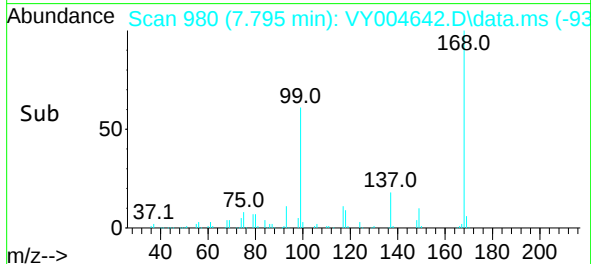
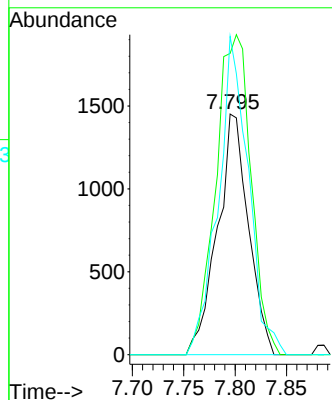


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Instrument :
MSVOA_Y
ClientSampleId :

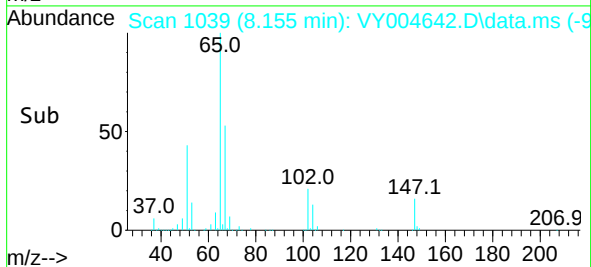
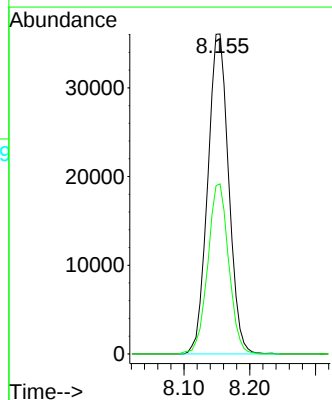
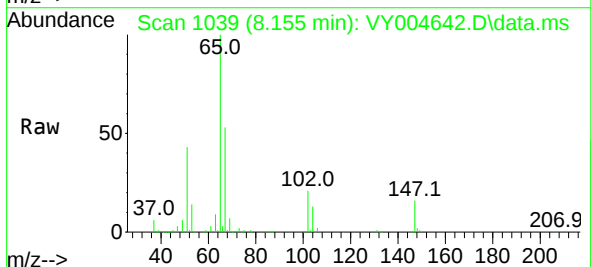


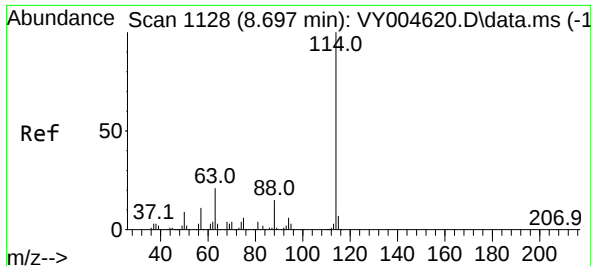
Tgt Ion: 56 Resp: 3047
Ion Ratio Lower Upper
56 100
69 125.2 25.8 38.6#
84 132.3 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.14 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

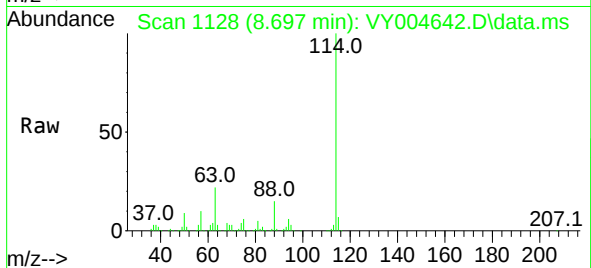
Tgt Ion: 65 Resp: 79890
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4



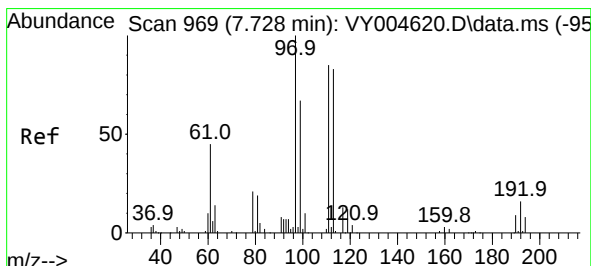
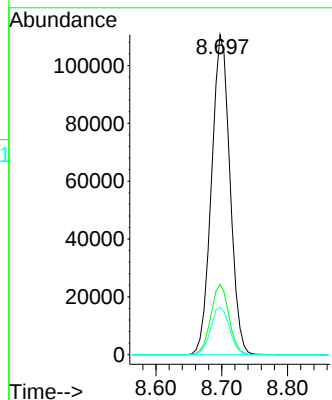
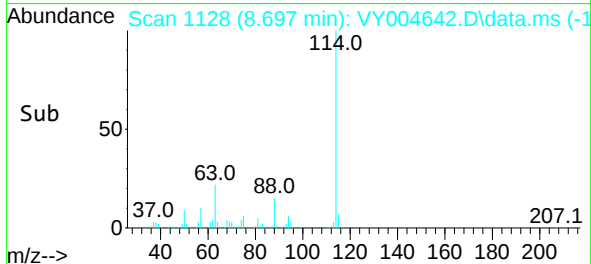


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

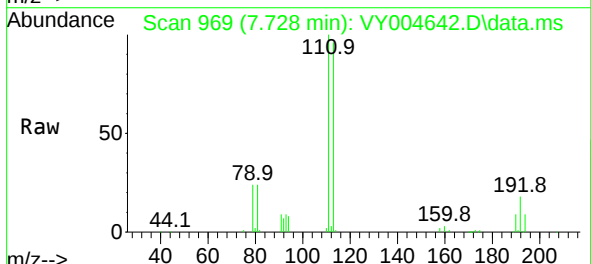
Instrument :
MSVOA_Y
ClientSampleId :



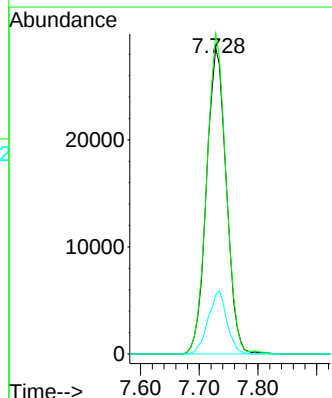
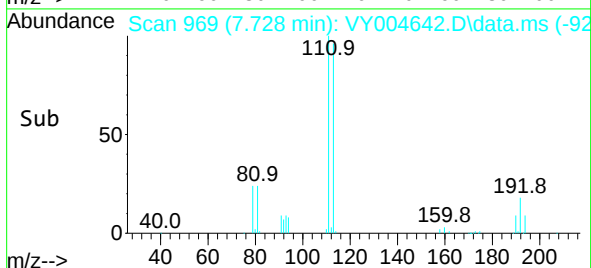
Tgt Ion:114 Resp: 215530
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 14.7 0.0 30.8

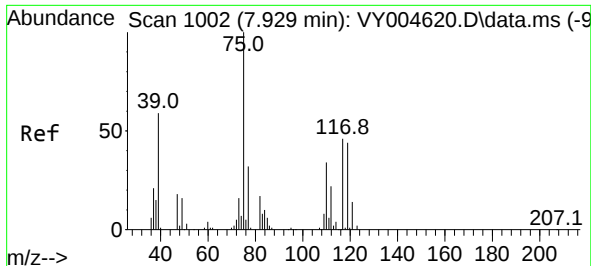


#35
Dibromofluoromethane
Concen: 56.19 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27



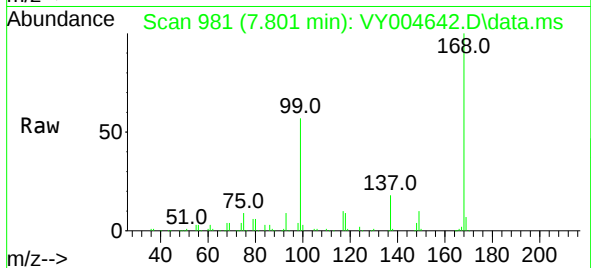
Tgt Ion:113 Resp: 67213
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.4 16.1 24.1



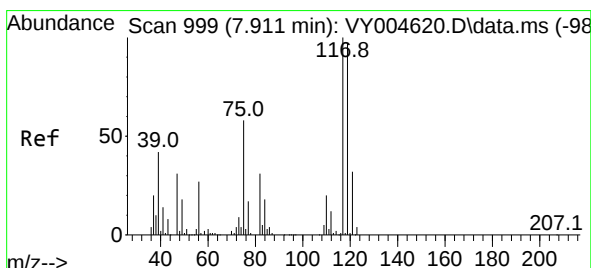
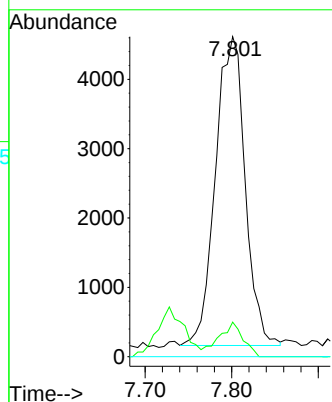
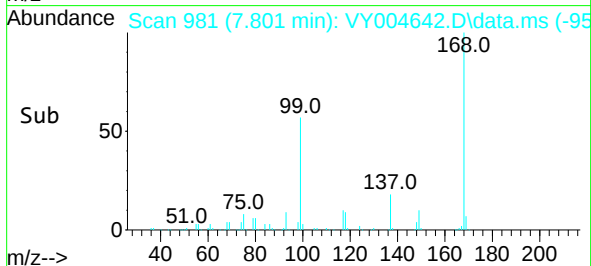


#36
 1,1-Dichloropropene
 Concen: 4.94 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY004642.D
 Acq: 27 Apr 2021 09:27

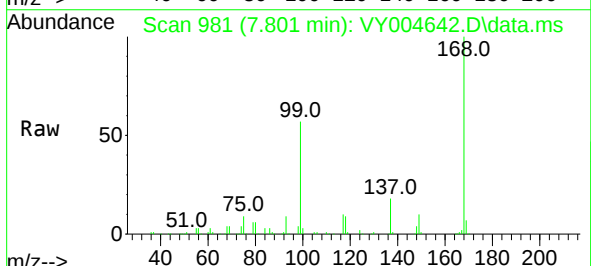
Instrument :
 MSVOA_Y
 ClientSampled :



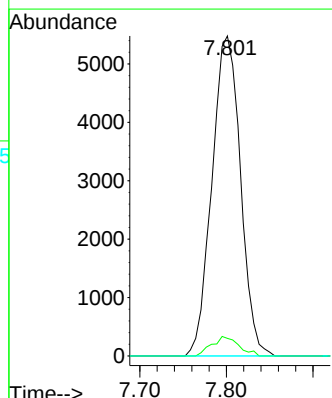
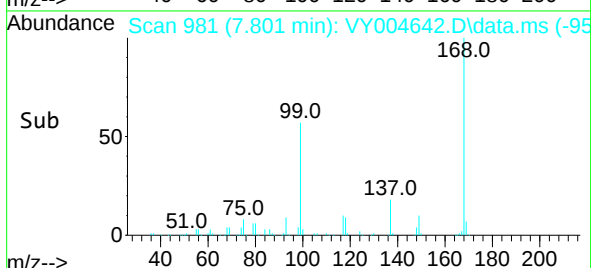
Tgt Ion: 75 Resp: 10588
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.3 51.7#
 77 0.0 24.3 36.5#

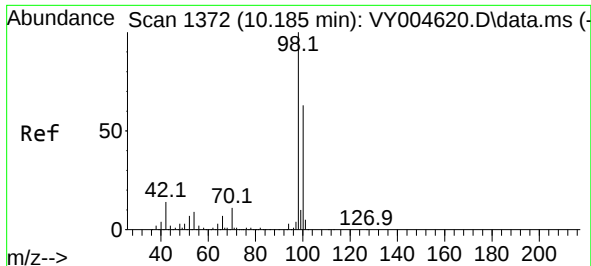


#38
 Carbon Tetrachloride
 Concen: 6.78 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004642.D
 Acq: 27 Apr 2021 09:27



Tgt Ion: 117 Resp: 12548
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.8 113.8#
 121 0.0 25.3 37.9#

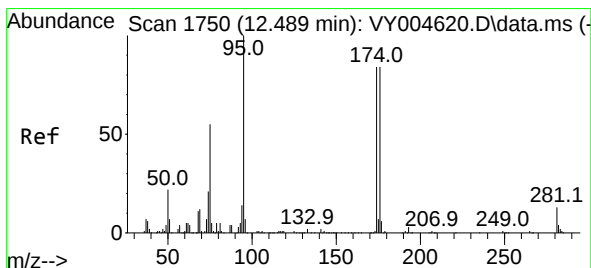
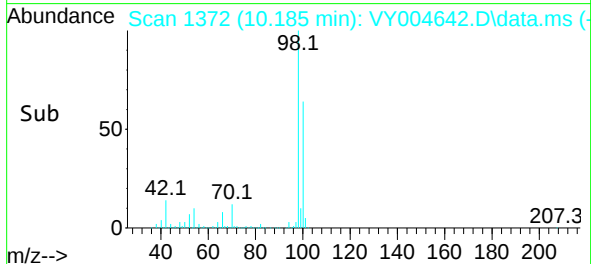
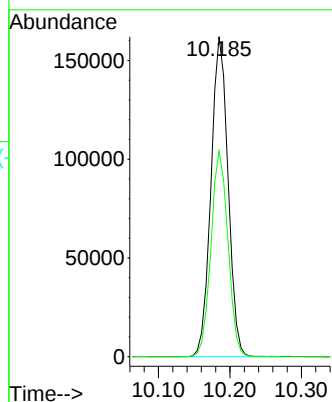
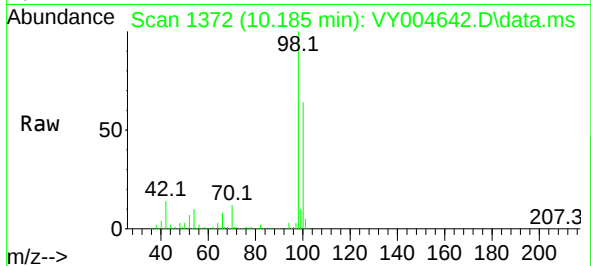




#50
Toluene-d8
Concen: 52.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

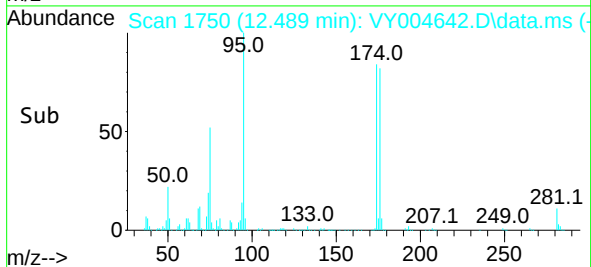
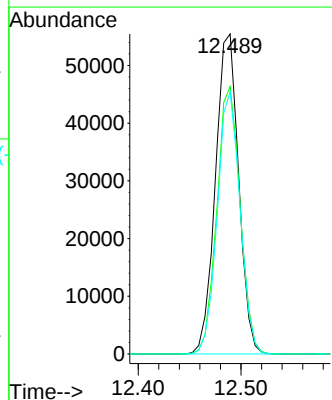
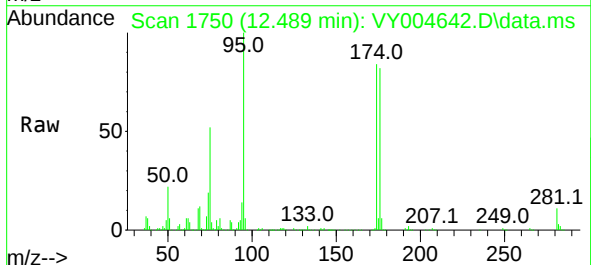
Instrument :
MSVOA_Y
ClientSampled :

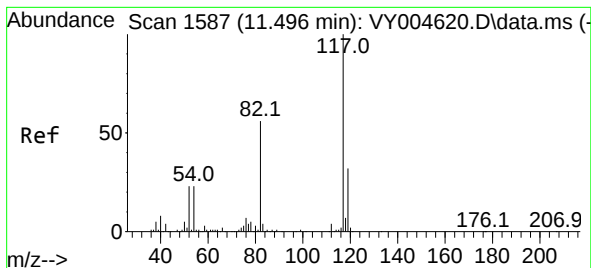
Tgt Ion: 98 Resp: 268243
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.22 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Tgt Ion: 95 Resp: 86708
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 80.2 0.0 156.0

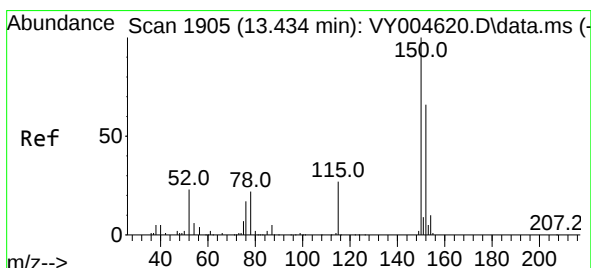
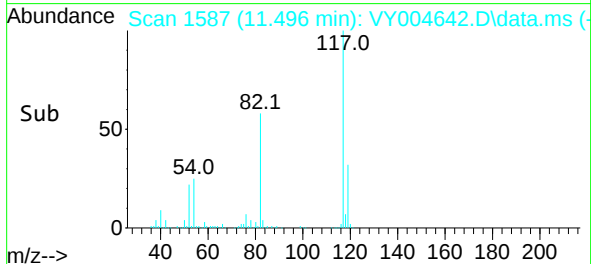
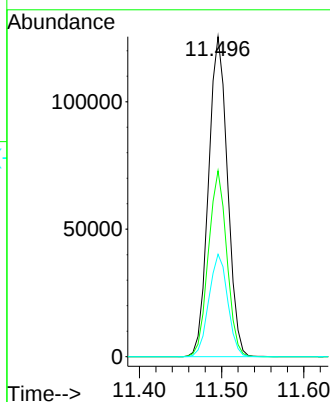
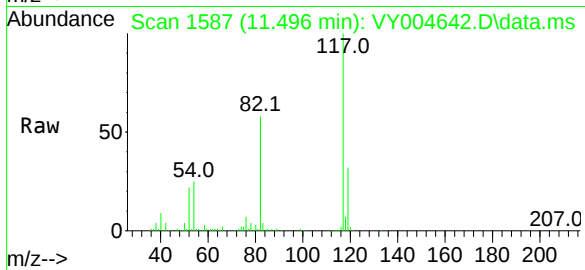




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

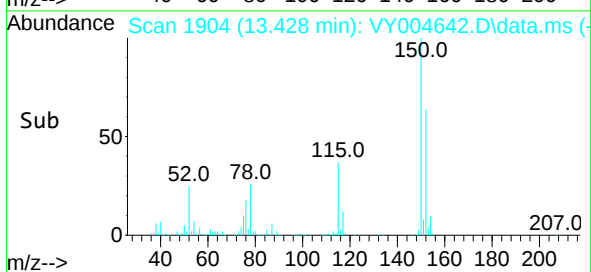
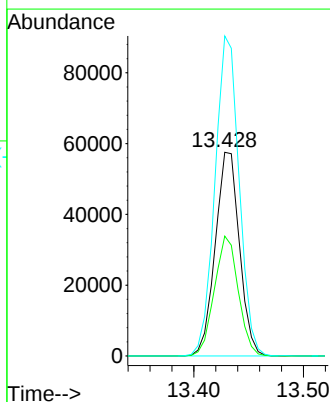
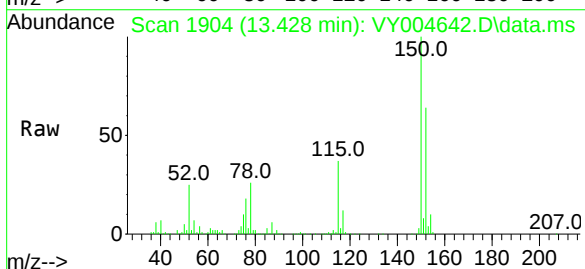
Instrument :
MSVOA_Y
ClientSampleId :

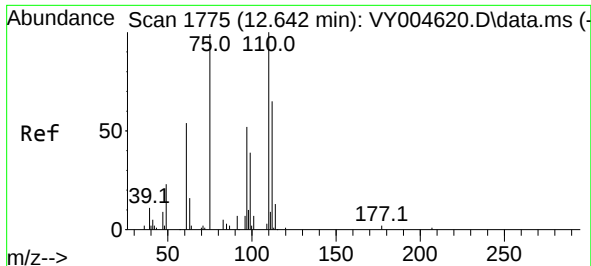
Tgt Ion:117 Resp: 201266
Ion Ratio Lower Upper
117 100
82 58.1 44.9 67.3
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Tgt Ion:152 Resp: 88197
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 156.9 0.0 348.4

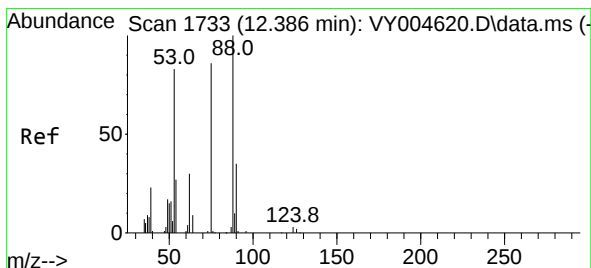
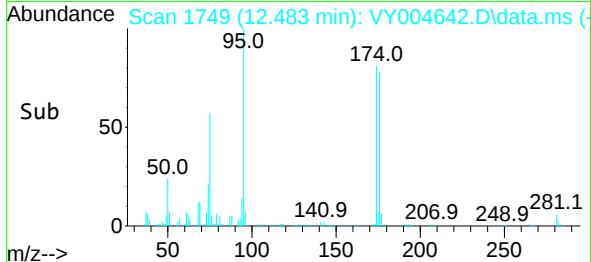
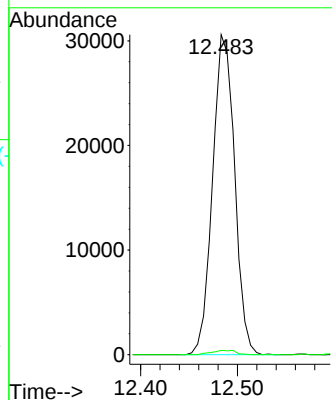
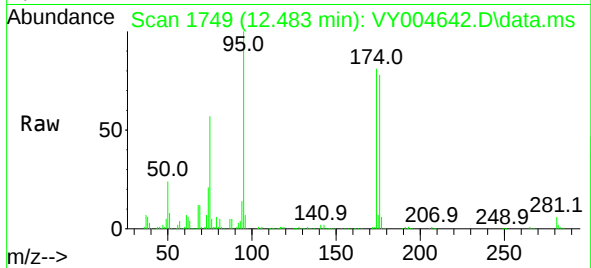




#76
1,2,3-Trichloropropane
Concen: 51.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 48292
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Tgt Ion: 75 Resp: 48292
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.3 36.1 54.1#

