

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005317.D
 Acq On : 01 Jul 2021 16:25
 Operator : SY/MD
 Sample : M2904-01
 Misc : 5.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jul 02 05:17:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	234740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	381602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	384479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	126699	65.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.080%
35) Dibromofluoromethane	7.728	113	117571	52.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.480%
50) Toluene-d8	10.185	98	470834	52.315	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.483	95	169030	56.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.720%

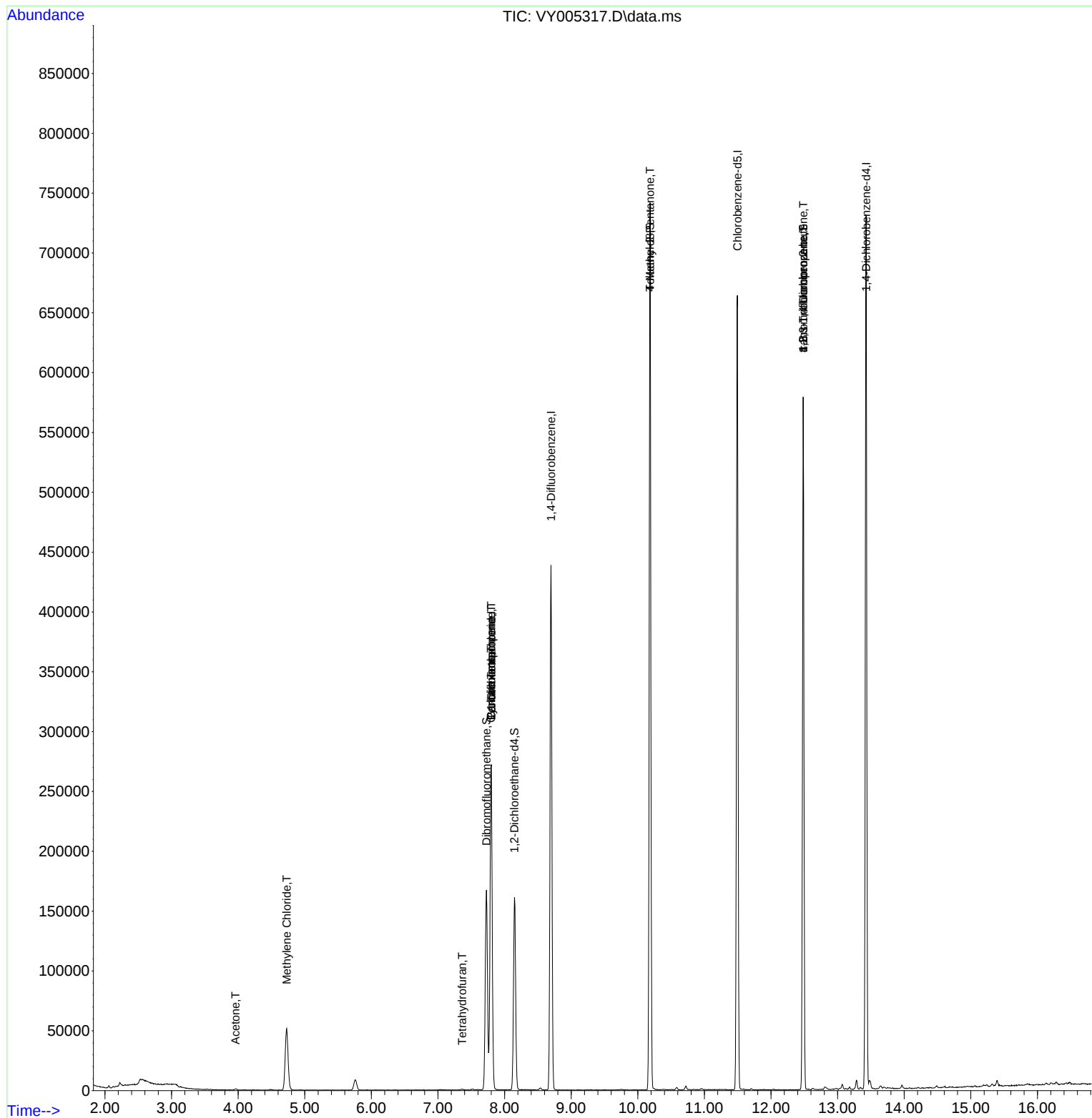
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	20	Below Cal	#	77
16) Acetone	3.960	43	1544	3.431	ug/l	89
20) Methylene Chloride	4.728	84	39611	9.529	ug/l	94
29) Tetrahydrofuran	7.362	42	593	1.374	ug/l	# 65
31) Cyclohexane	7.795	56	4104	1.180	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	15736	4.683	ug/l	# 47
38) Carbon Tetrachloride	7.801	117	19670	5.592	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.185	43	1963	1.178	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	83326	47.864	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	83326	89.303	ug/l	# 17

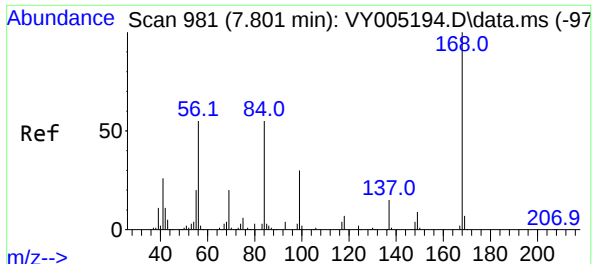
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
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Misc : 5.69G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

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Quant Time: Jul 02 05:17:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

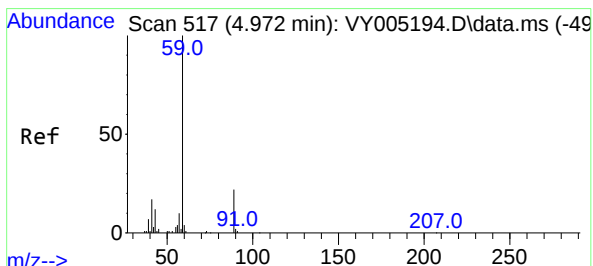
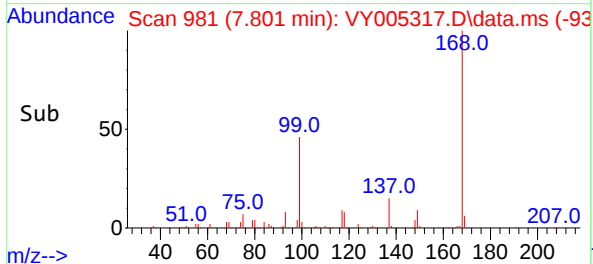
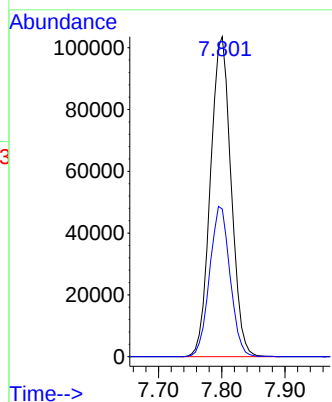
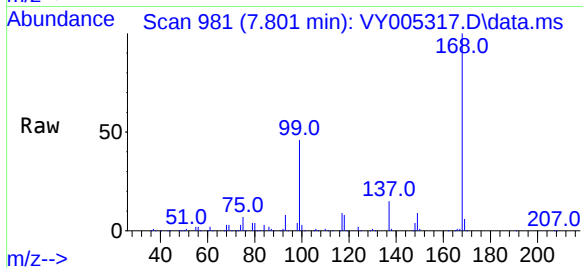




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

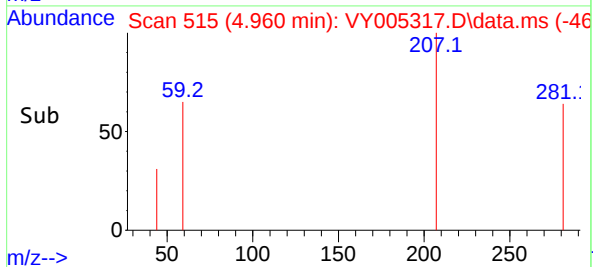
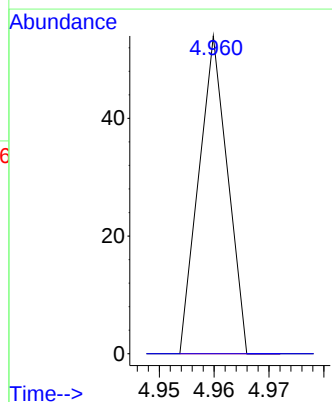
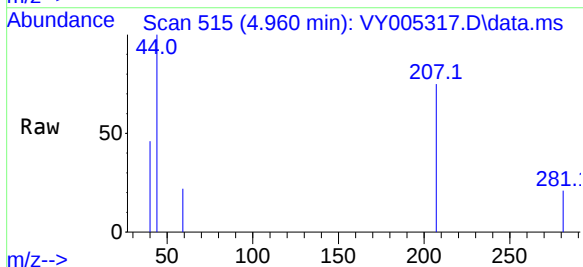
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

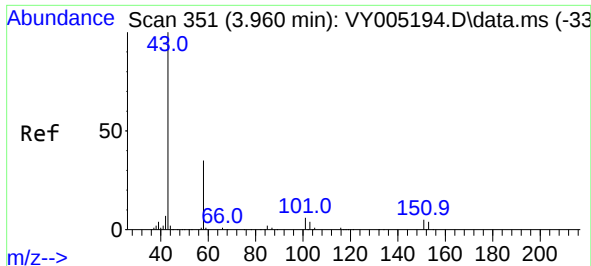
Tgt Ion:168 Resp: 234740
Ion Ratio Lower Upper
168 100
99 46.2 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

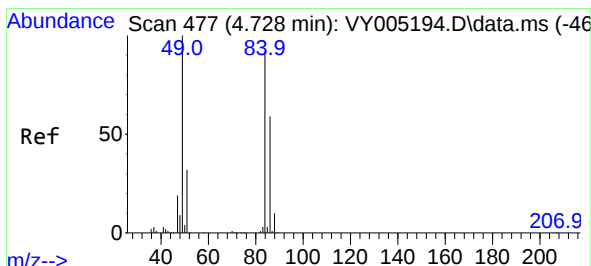
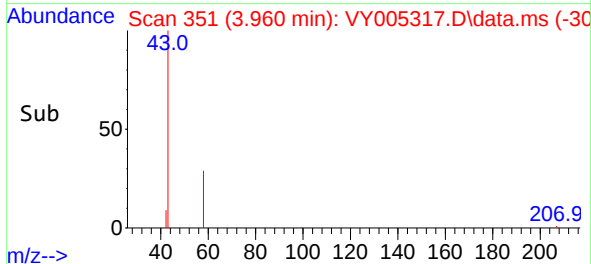
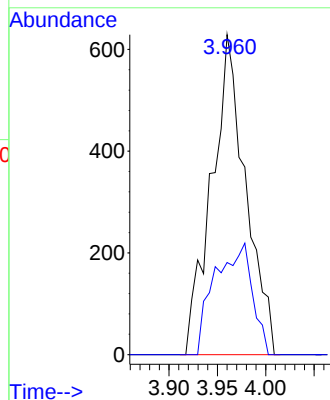
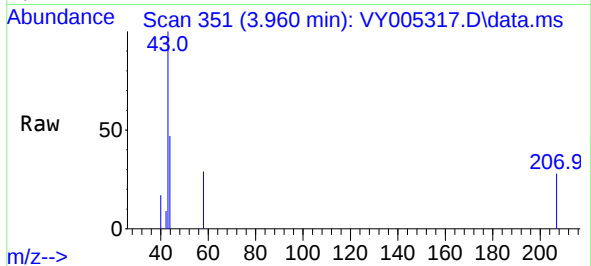




#16
Acetone
Concen: 3.431 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

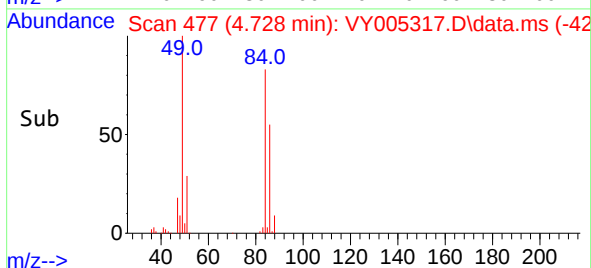
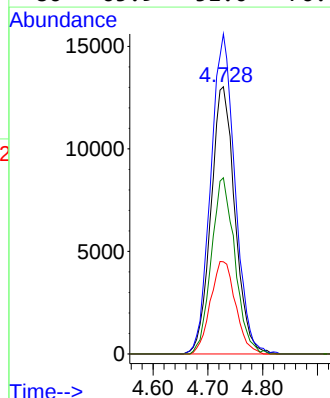
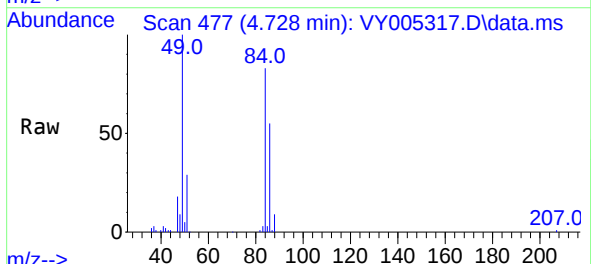
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

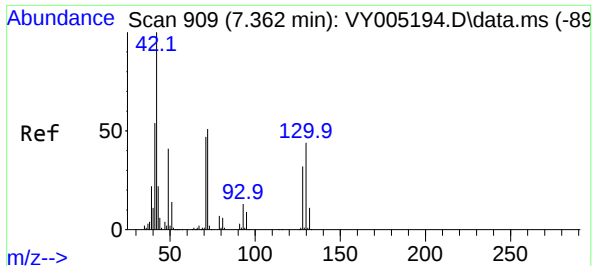
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 28.8 28.2 42.2



#20
Methylene Chloride
Concen: 9.529 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion: 84 Resp: 39611
Ion Ratio Lower Upper
84 100
49 119.8 86.9 130.3
51 34.5 27.4 41.2
86 65.9 51.0 76.6

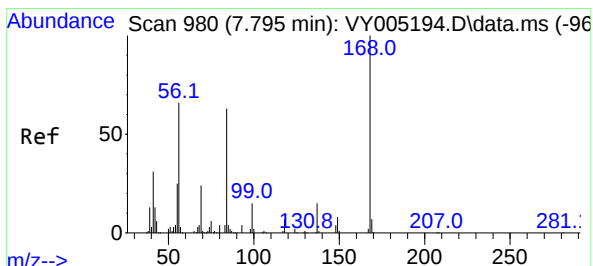
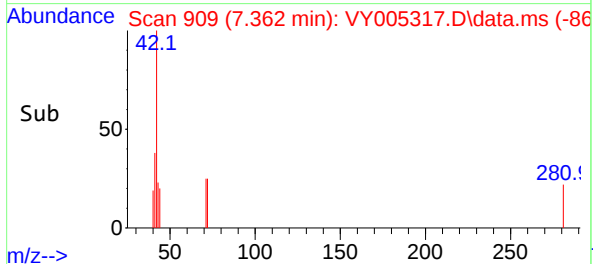
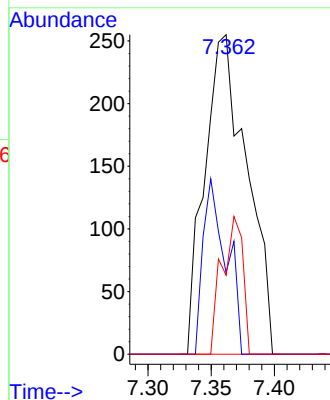
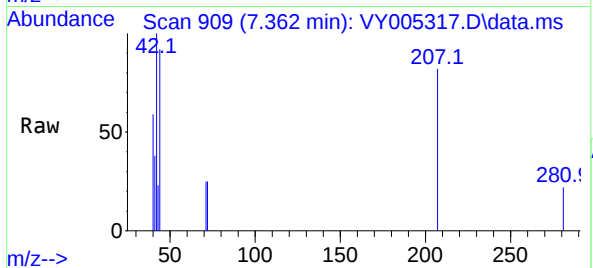




#29
Tetrahydrofuran
Concen: 1.374 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

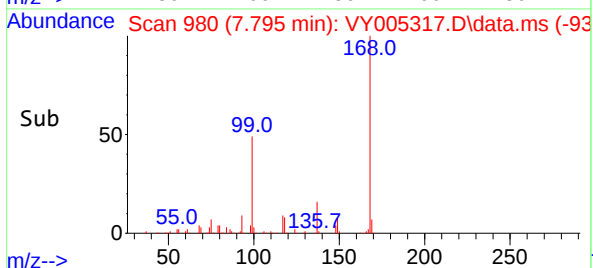
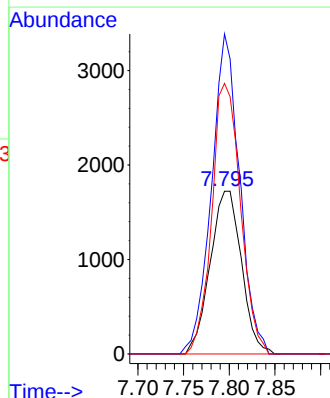
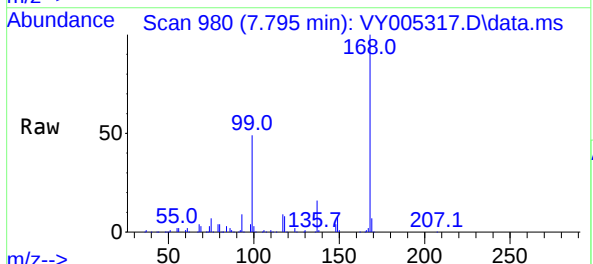
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

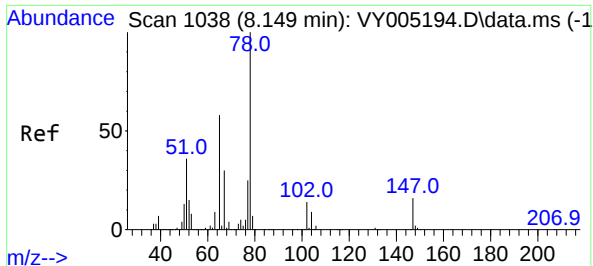
Tgt Ion:	42	Resp:	593
Ion	Ratio	Lower	Upper
42	100		
72	30.0	40.9	61.3#
71	21.1	37.9	56.9#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion:	56	Resp:	4104
Ion	Ratio	Lower	Upper
56	100		
69	196.7	29.6	44.4#
84	166.3	76.4	114.6#

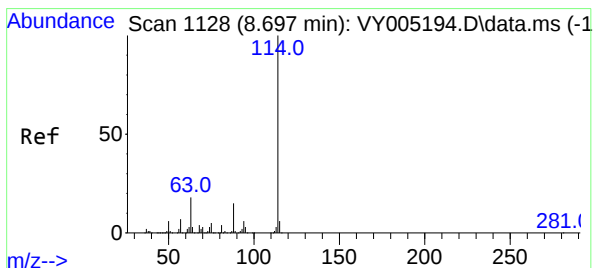
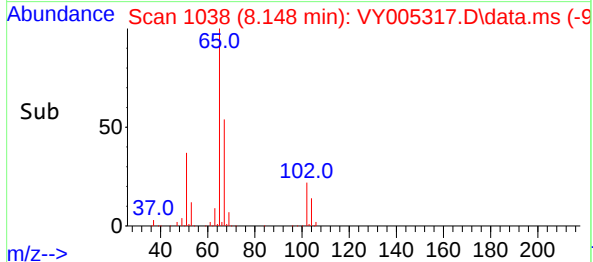
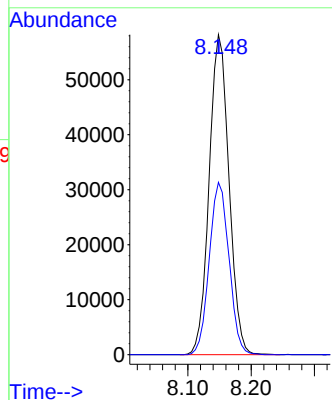
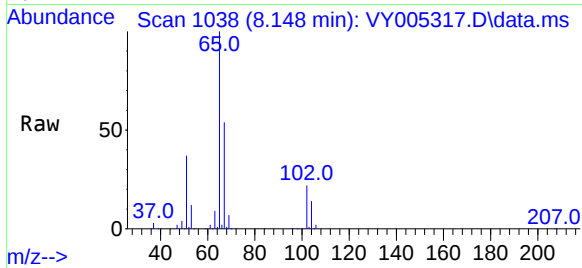




#33
1,2-Dichloroethane-d4
Concen: 65.040 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

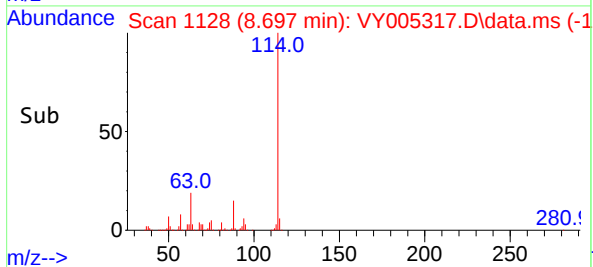
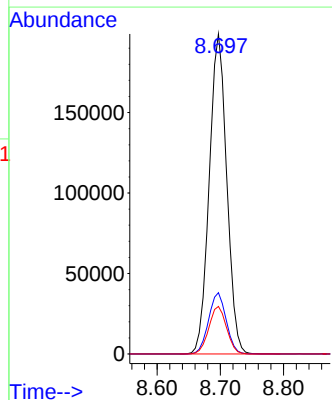
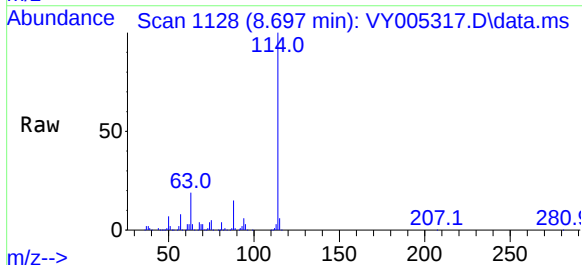
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

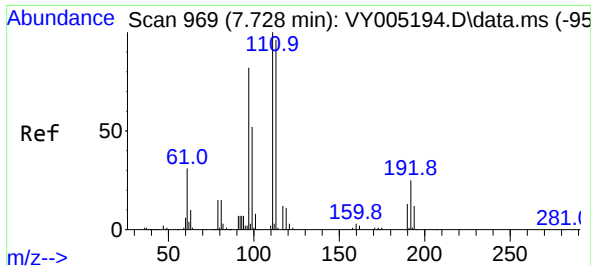
Tgt Ion: 65 Resp: 126699
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion:114 Resp: 381602
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.2
88 14.8 0.0 29.4

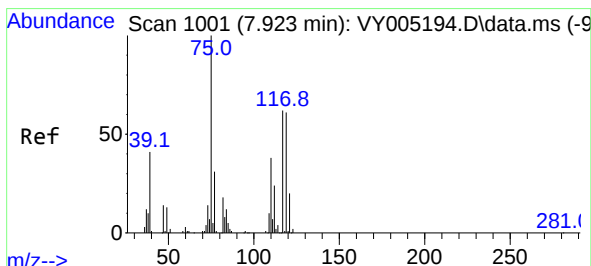
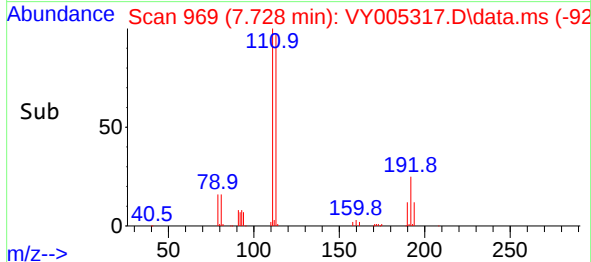
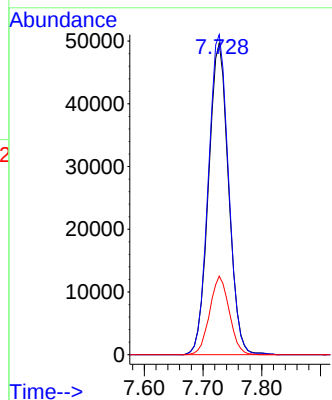
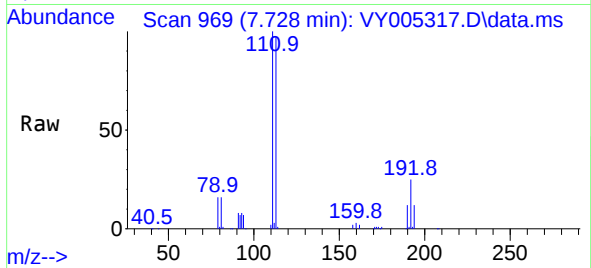




#35
Dibromofluoromethane
Concen: 52.242 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

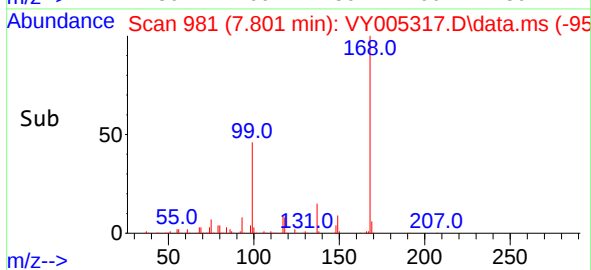
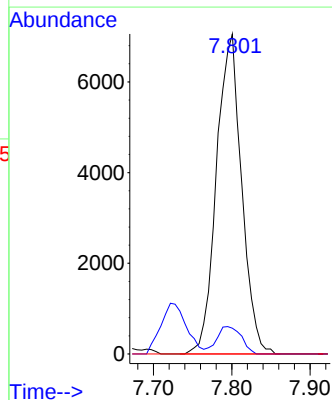
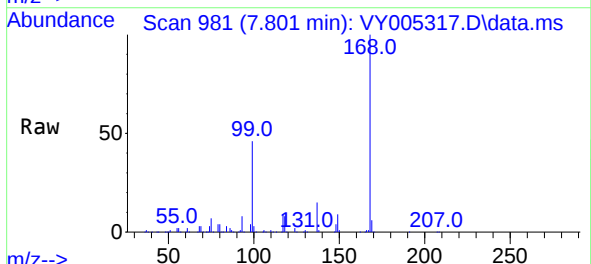
Instrument :
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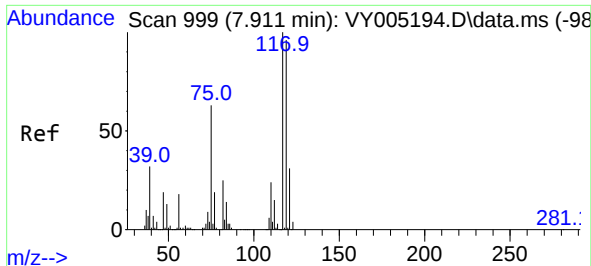
Tgt Ion:113 Resp: 117571
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 24.6 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.683 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion: 75 Resp: 15736
Ion Ratio Lower Upper
75 100
110 8.4 19.1 57.5#
77 0.0 25.2 37.8#

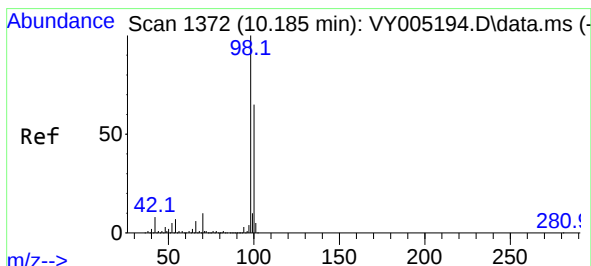
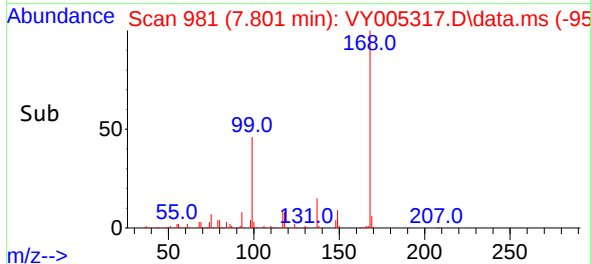
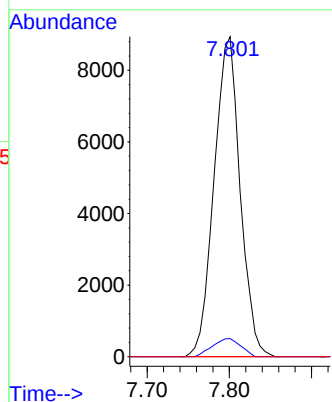
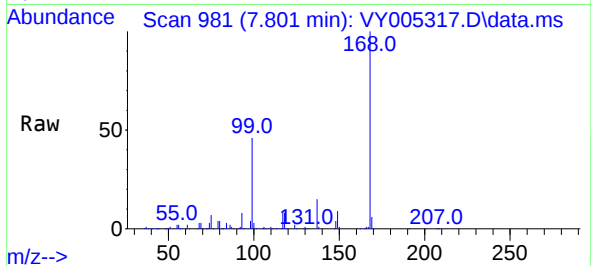




#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

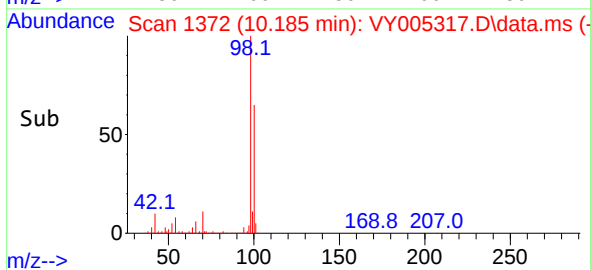
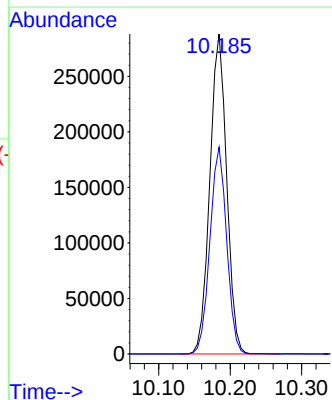
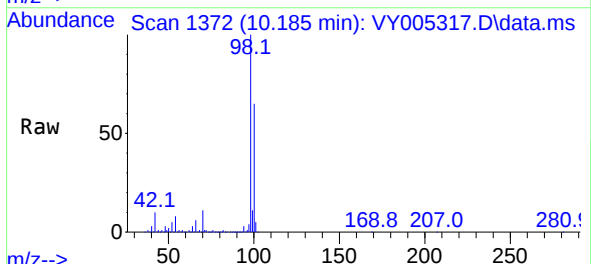
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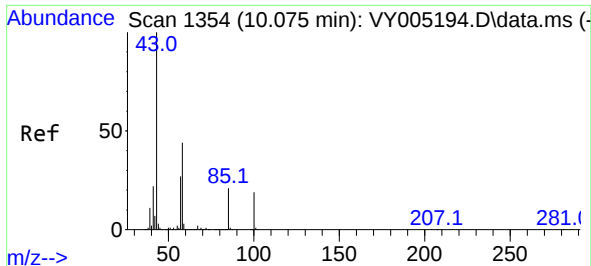
Tgt Ion:117 Resp: 19670
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.315 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion: 98 Resp: 470834
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

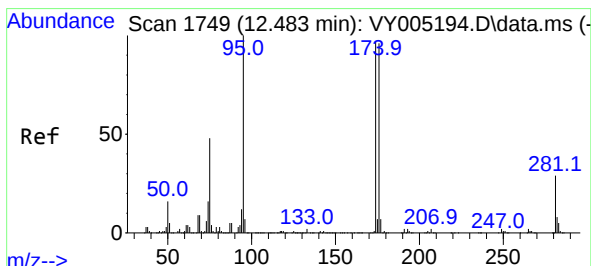
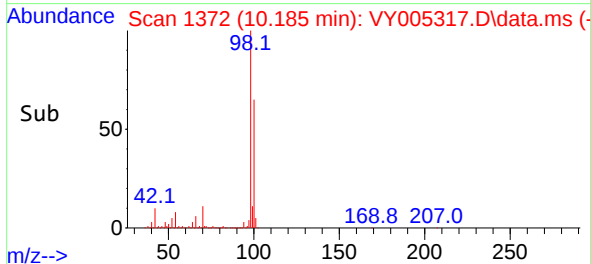
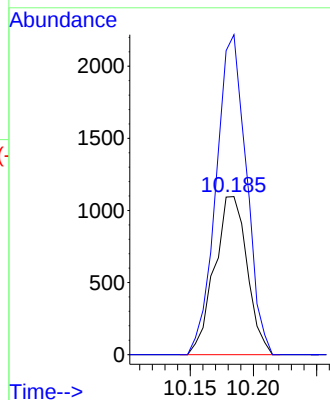
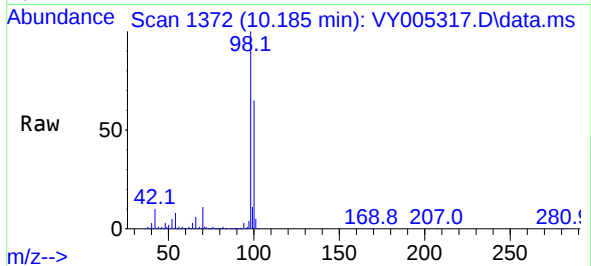




#51
4-Methyl-2-Pentanone
Concen: 1.178 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

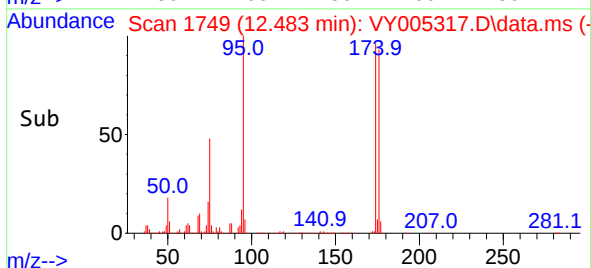
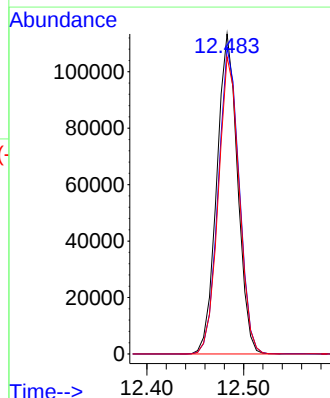
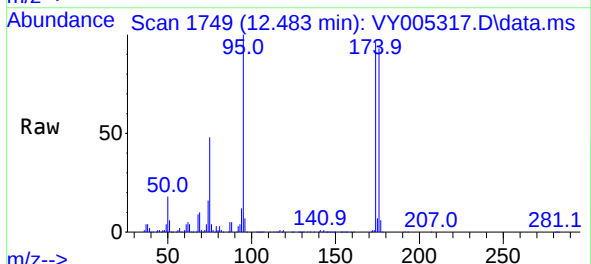
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

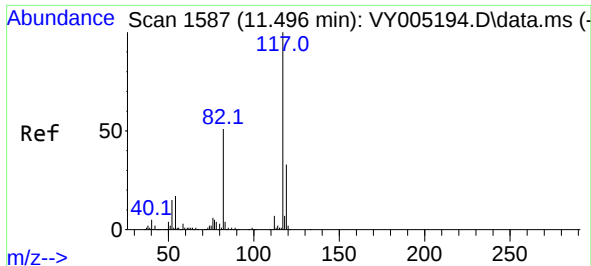
Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 187.9 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 56.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion: 95 Resp: 169030
Ion Ratio Lower Upper
95 100
174 96.2 0.0 201.6
176 93.0 0.0 197.4

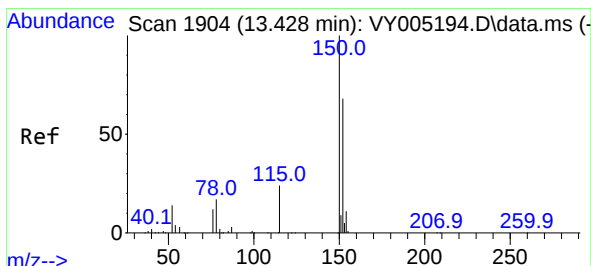
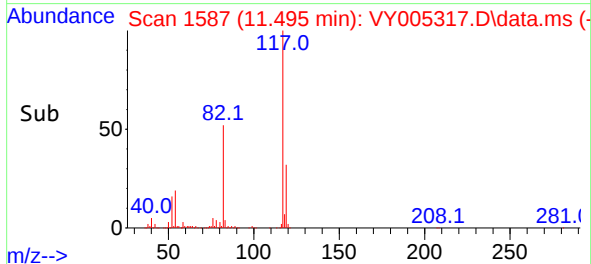
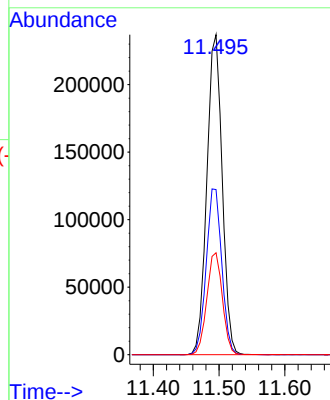
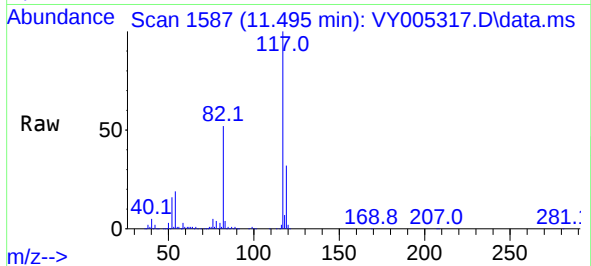




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

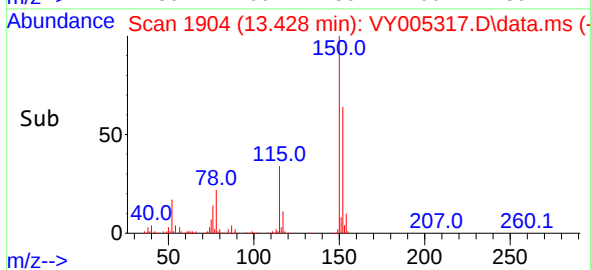
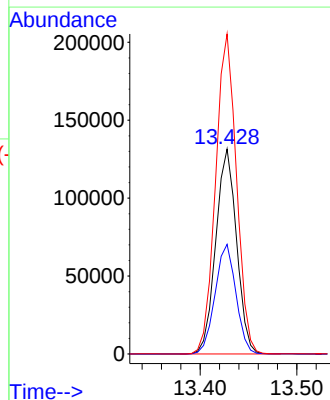
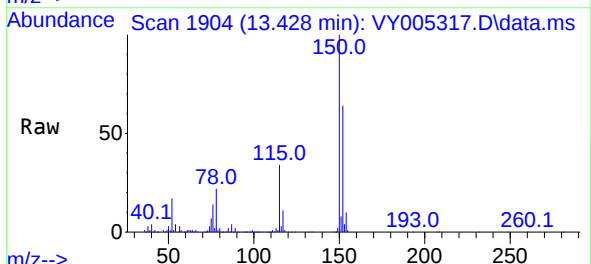
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

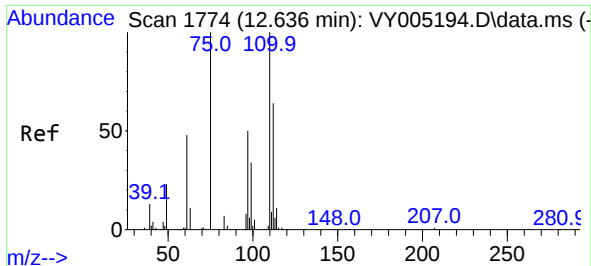
Tgt Ion:	117	Resp:	384479
Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.6	60.8
119	31.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion:	152	Resp:	196292
Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.3	78.8
150	156.8	0.0	344.2

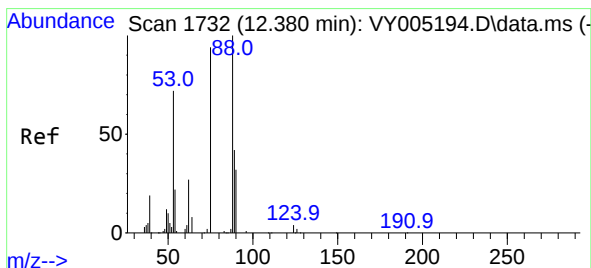
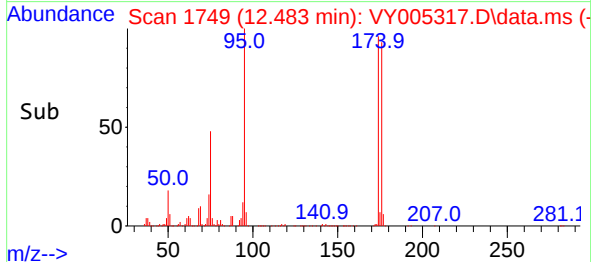
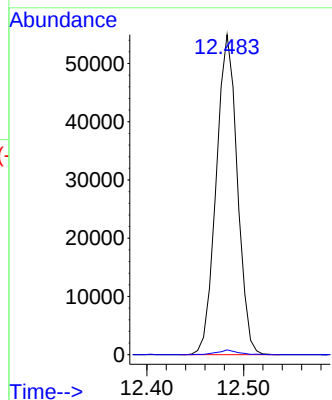
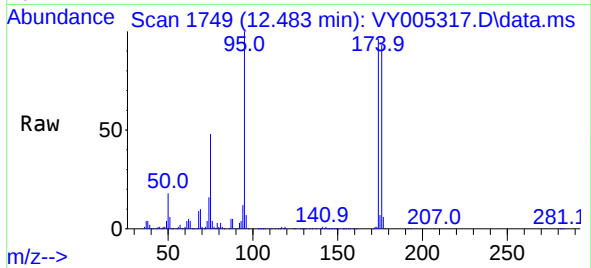




#76
1,2,3-Trichloropropane
Concen: 47.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 75 Resp: 83326
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005317.D
Acq: 01 Jul 2021 16:25

Tgt Ion: 75 Resp: 83326
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.1 38.0 57.0#

