

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016711.D
 Acq On : 19 Dec 2023 22:23
 Operator : SY/MD
 Sample : 05827-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:41:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

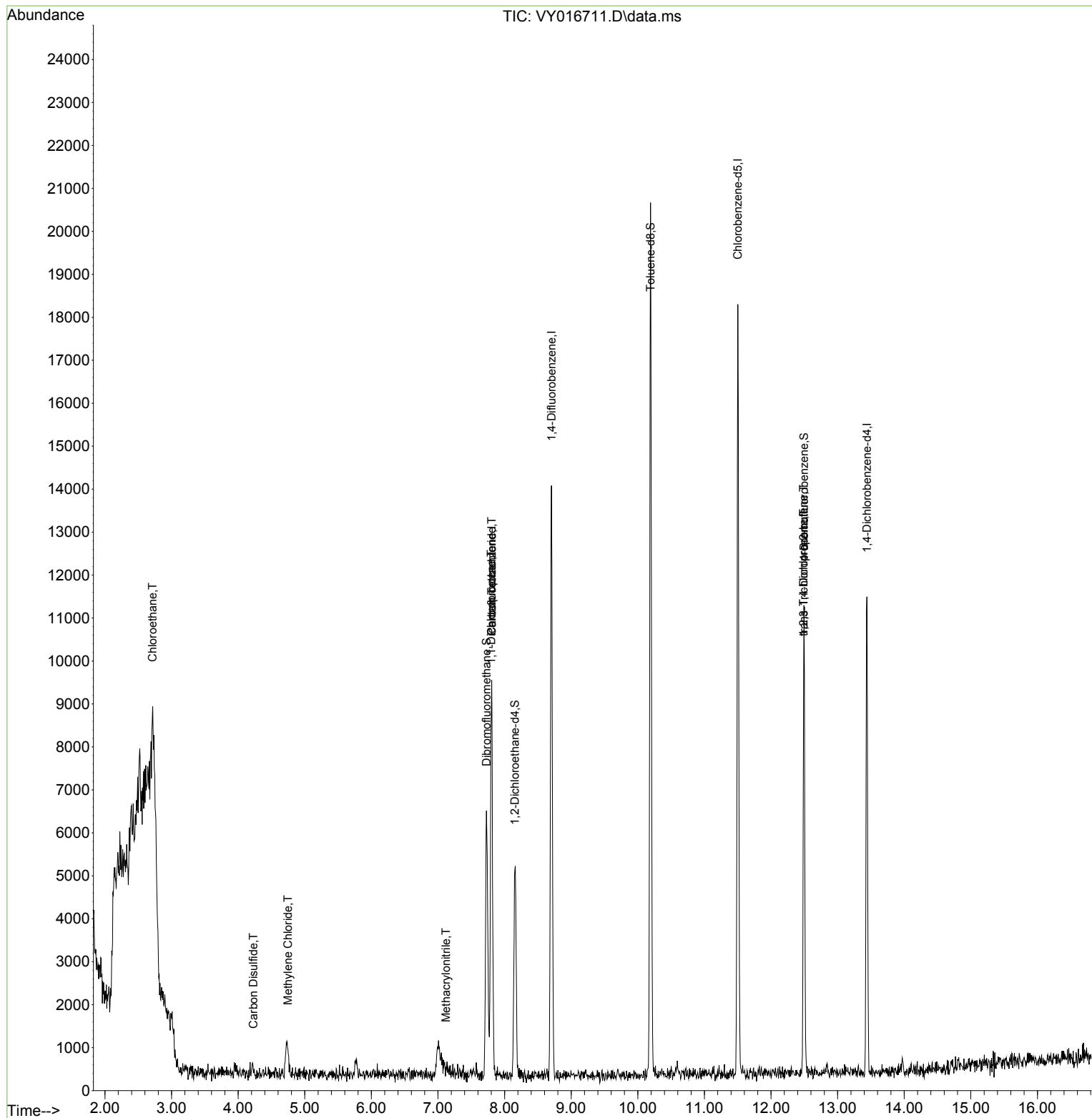
Internal Standards						
1) Pentafluorobenzene	7.807	168	8237	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.703	114	11877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	10755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	3102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4472	65.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.280%	
35) Dibromofluoromethane	7.728	113	4406	62.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.980%	
50) Toluene-d8	10.191	98	13609	53.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.495	95	2681	37.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	136	Below Cal	#	41
6) Chloroethane	2.717	64	9785	82.175	ug/l	# 60
16) Acetone	3.960	43	249	Below Cal	#	39
17) Carbon Disulfide	4.228	76	208	1.133	ug/l	# 75
20) Methylene Chloride	4.747	84	757	5.621	ug/l	# 46
36) 1,1-Dichloropropene	7.801	75	588	5.557	ug/l	# 40
38) Carbon Tetrachloride	7.807	117	620	5.431	ug/l	# 13
41) Methacrylonitrile	7.118	41	23	1.069	ug/l	# 15
76) 1,2,3-Trichloropropane	12.489	75	1681	62.342	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	1681	143.036	ug/l	# 18

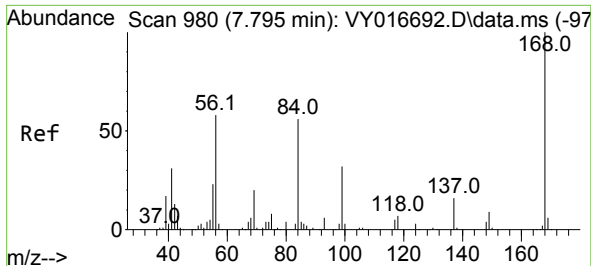
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:26:40 2023
Response via : Initial Calibration

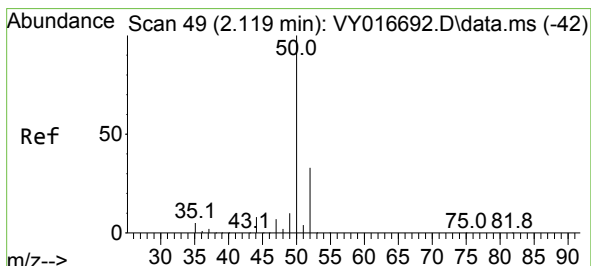
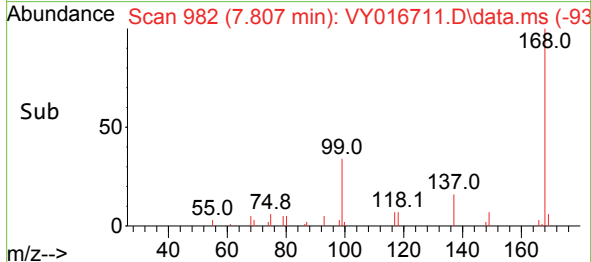
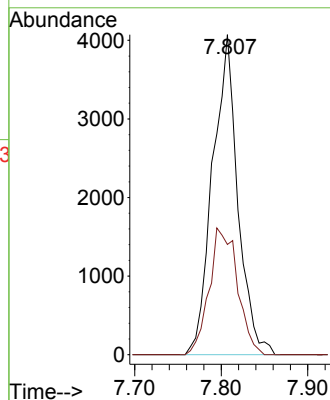
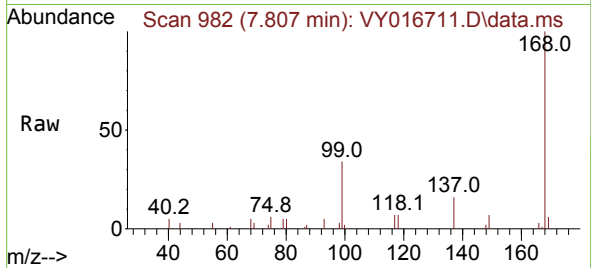




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

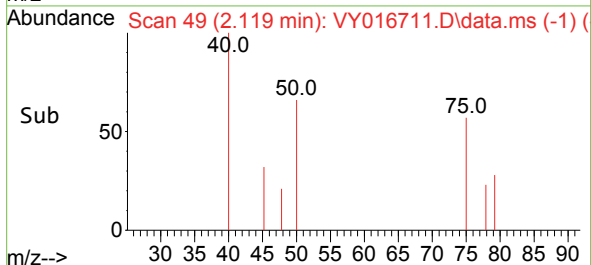
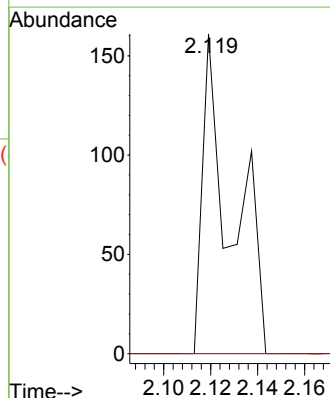
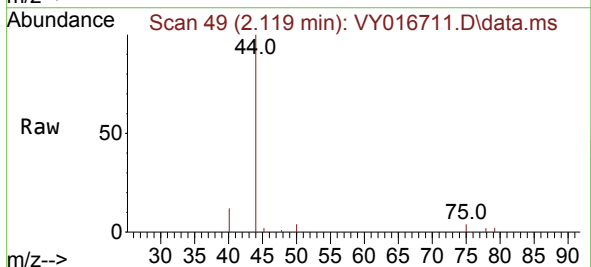
Instrument :
MSVOA_Y
ClientSampleId :

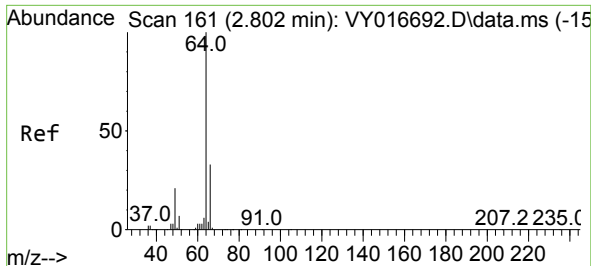
Tgt Ion:168 Resp: 8237
Ion Ratio Lower Upper
168 100
99 34.4 40.2 60.4#



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 50 Resp: 136
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

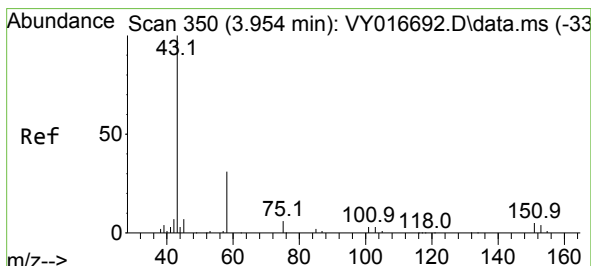
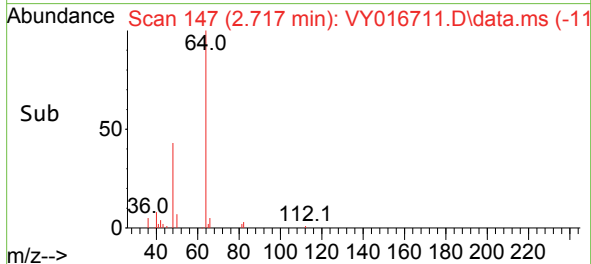
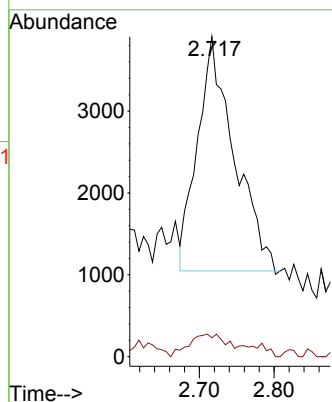
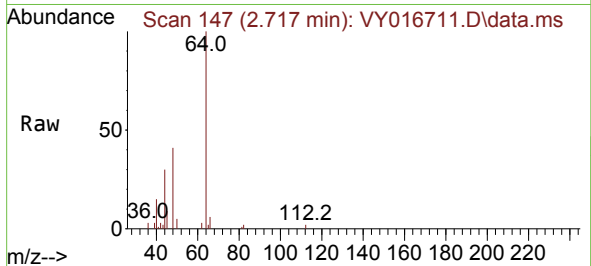




#6
Chloroethane
Concen: 82.175 ug/l
RT: 2.717 min Scan# 147
Delta R.T. -0.085 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

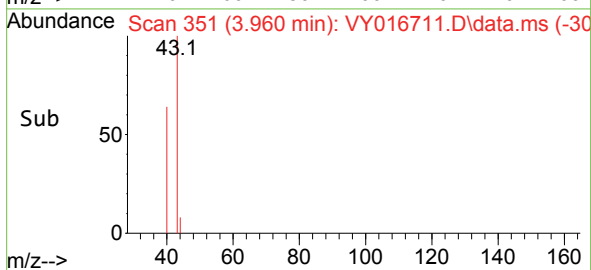
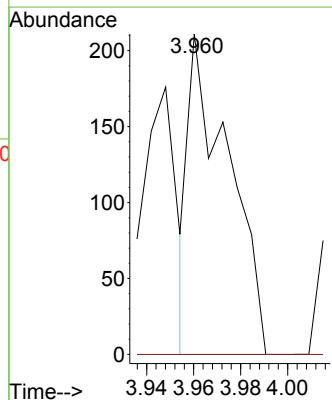
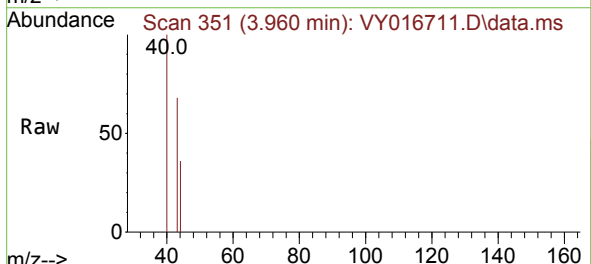
Instrument :
MSVOA_Y
ClientSampleId :

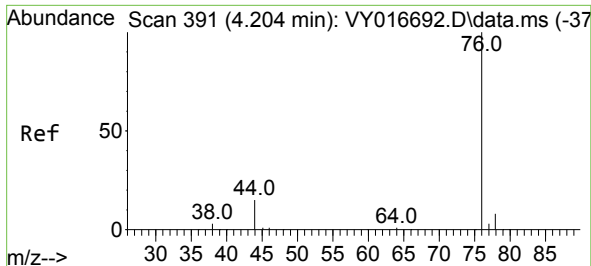
Tgt Ion: 64 Resp: 9785
Ion Ratio Lower Upper
64 100
66 8.1 24.0 36.0#



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

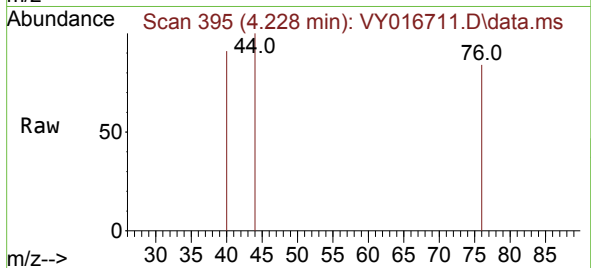
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.4#



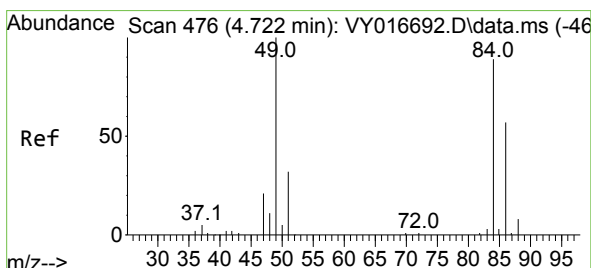
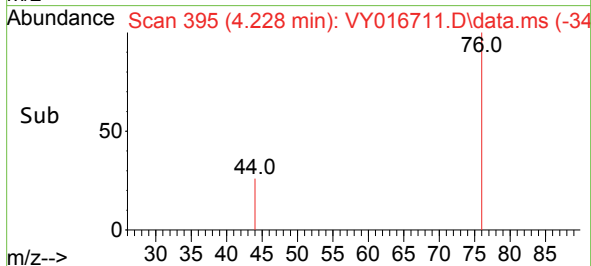
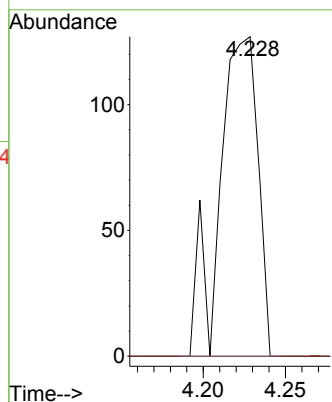


#17
Carbon Disulfide
Concen: 1.133 ug/l
RT: 4.228 min Scan# 391
Delta R.T. 0.024 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Instrument :
MSVOA_Y
ClientSampleId :

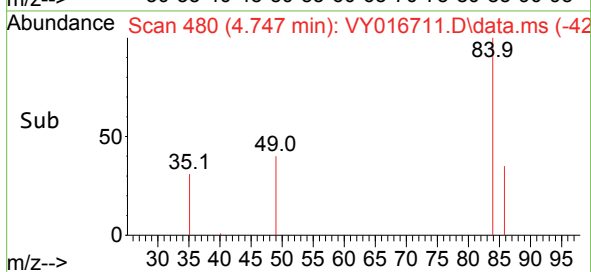
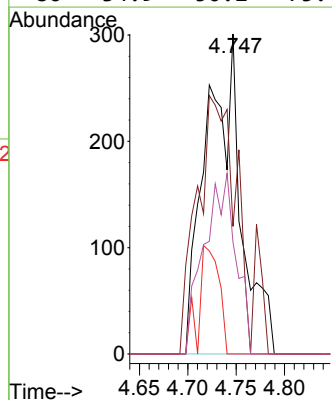
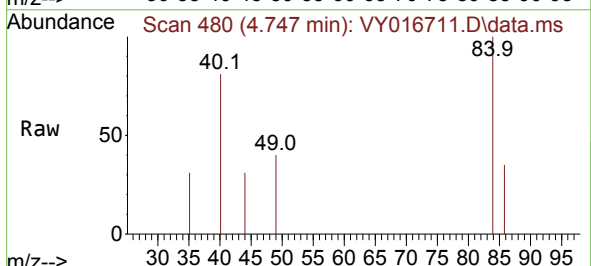


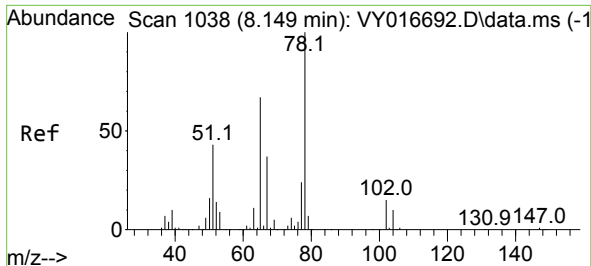
Tgt Ion: 76 Resp: 208
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#20
Methylene Chloride
Concen: 5.621 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 84 Resp: 757
Ion Ratio Lower Upper
84 100
49 39.9 83.8 125.8#
51 0.0 27.2 40.8#
86 34.9 50.2 75.4#





#33

1,2-Dichloroethane-d4

Concen: 65.638 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016711.D

Acq: 19 Dec 2023 22:23

Instrument :

MSVOA_Y

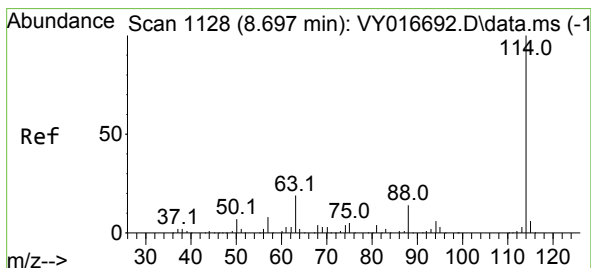
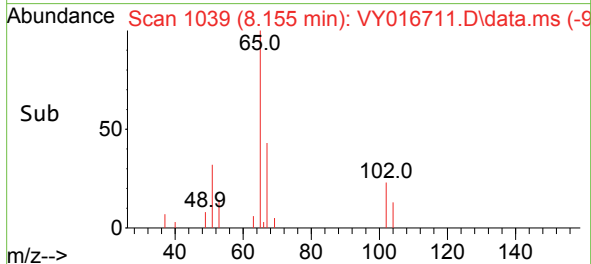
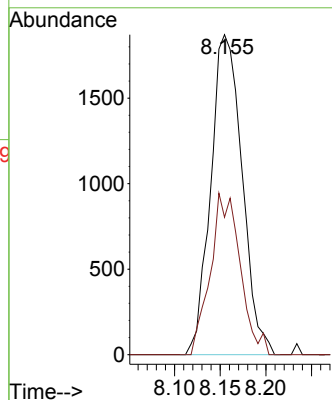
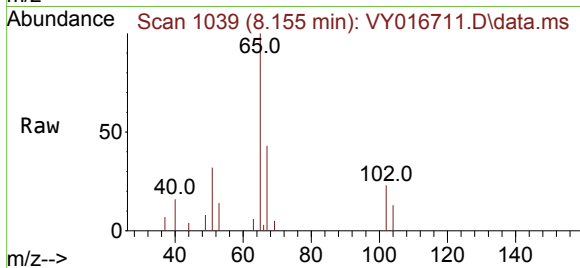
ClientSampleId :

Tgt Ion: 65 Resp: 4472

Ion Ratio Lower Upper

65 100

67 47.8 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016711.D

Acq: 19 Dec 2023 22:23

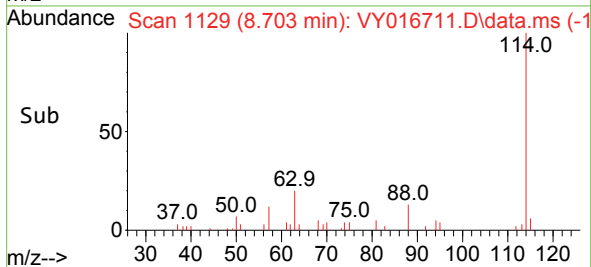
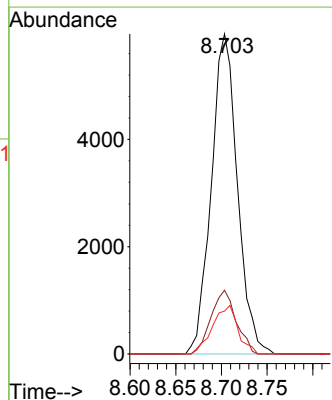
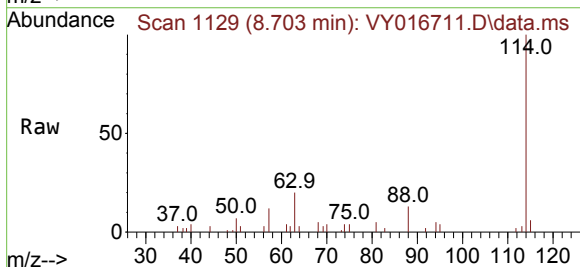
Tgt Ion: 114 Resp: 11877

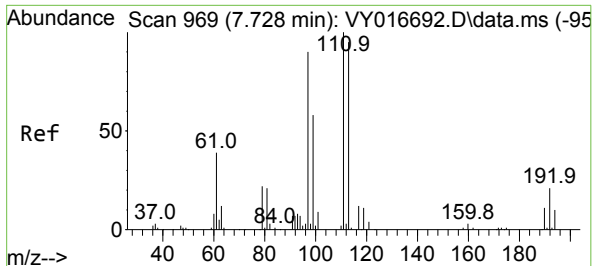
Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

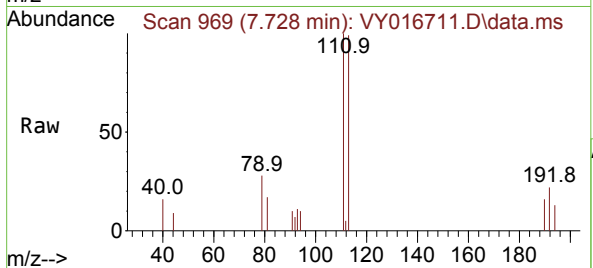
88 13.4 0.0 29.2



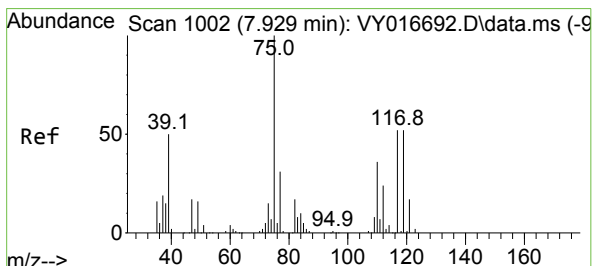
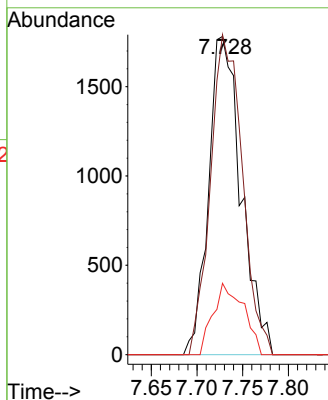
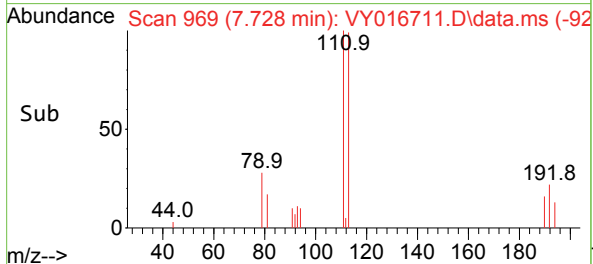


#35
Dibromofluoromethane
Concen: 62.987 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

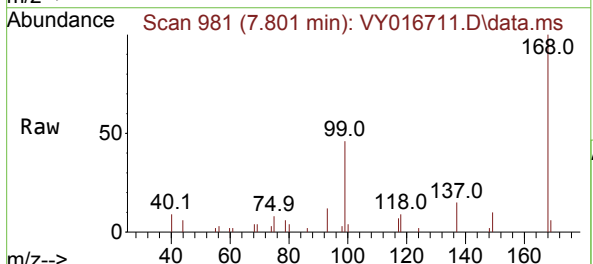
Instrument :
MSVOA_Y
ClientSampleId :



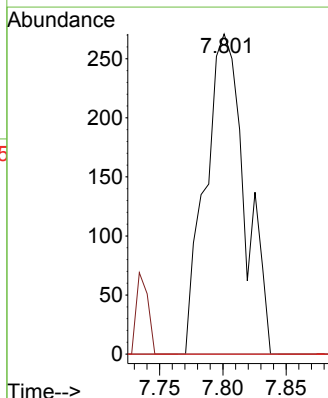
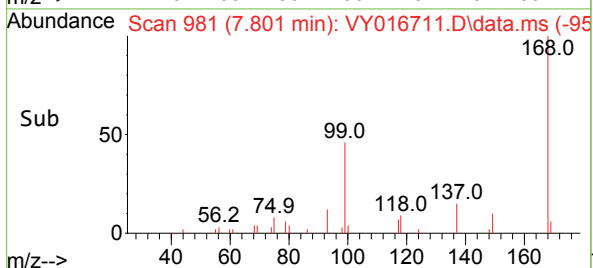
Tgt Ion:113 Resp: 4406
Ion Ratio Lower Upper
113 100
111 98.7 81.9 122.9
192 20.9 16.2 24.4

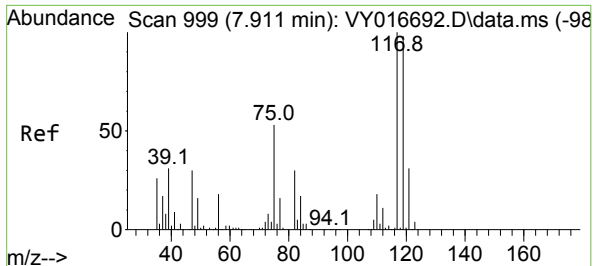


#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23



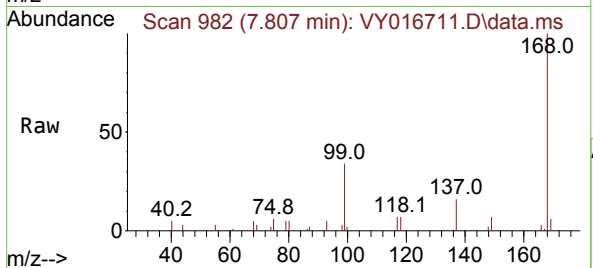
Tgt Ion: 75 Resp: 588
Ion Ratio Lower Upper
75 100
110 0.0 18.9 56.9#
77 0.0 25.3 37.9#



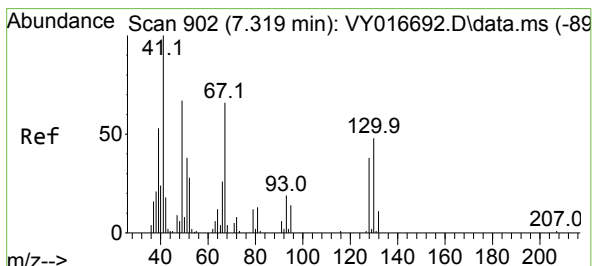
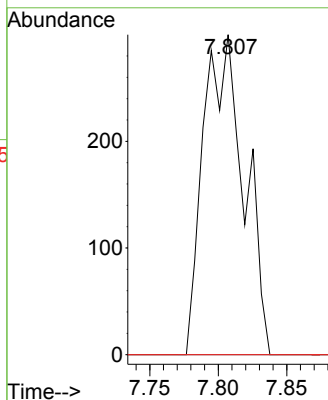
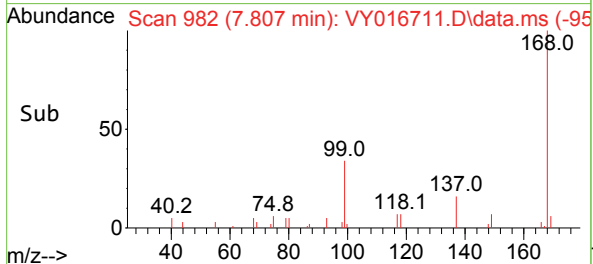


#38
Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 7.807 min Scan# 911
Delta R.T. -0.104 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Instrument :
MSVOA_Y
ClientSampleId :

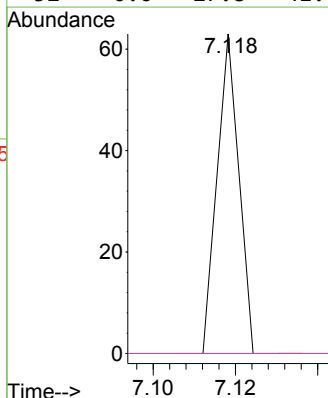
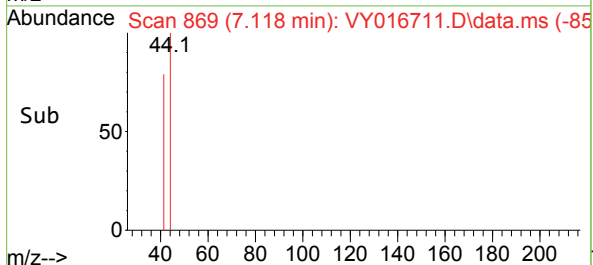
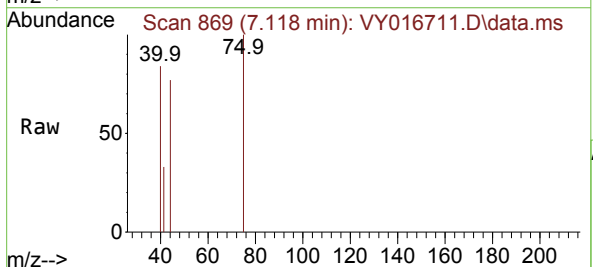


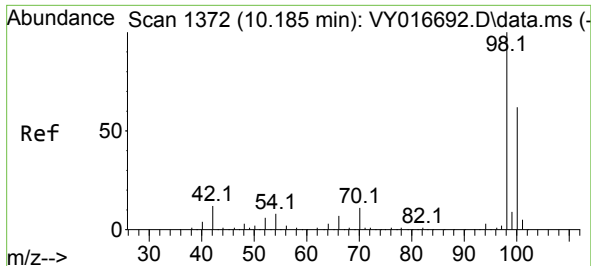
Tgt Ion:117 Resp: 620
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.4#
121 0.0 24.2 36.4#



#41
Methacrylonitrile
Concen: 1.069 ug/l
RT: 7.118 min Scan# 869
Delta R.T. -0.201 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.6#
67 0.0 74.9 112.3#
52 0.0 27.8 41.8#

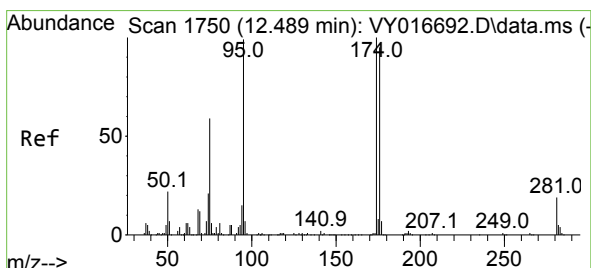
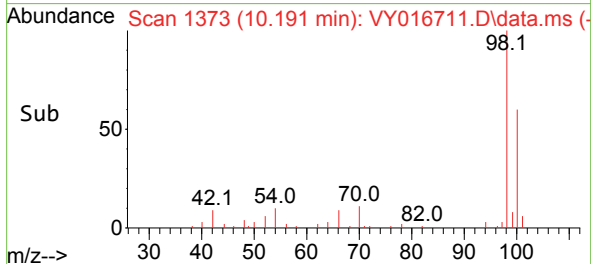
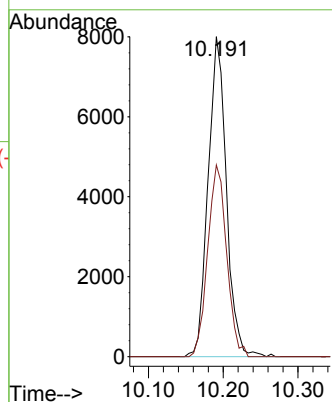
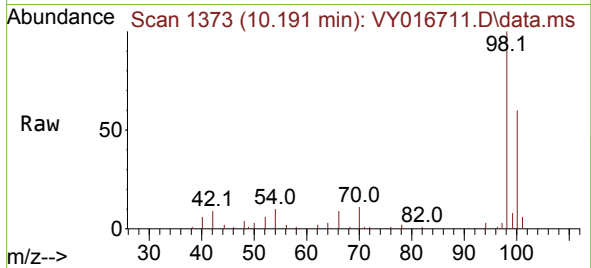




#50
Toluene-d8
Concen: 53.720 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

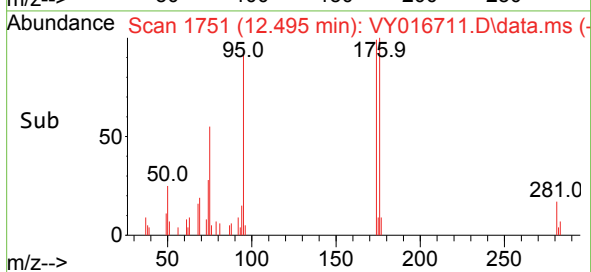
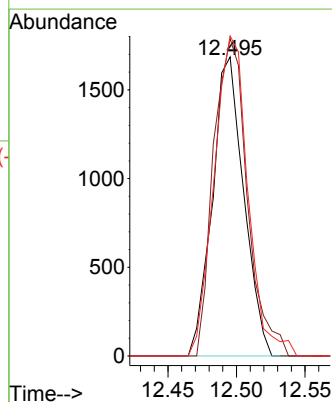
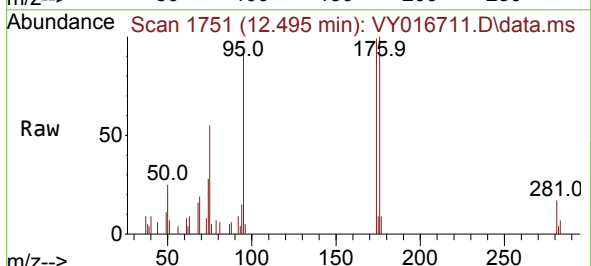
Instrument :
MSVOA_Y
ClientSampleId :

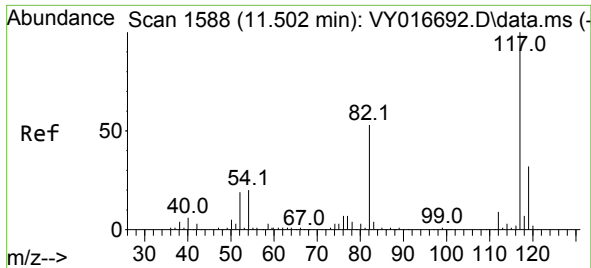
Tgt Ion: 98 Resp: 13609
Ion Ratio Lower Upper
98 100
100 62.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 37.220 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 95 Resp: 2681
Ion Ratio Lower Upper
95 100
174 114.3 0.0 181.0
176 115.9 0.0 176.6

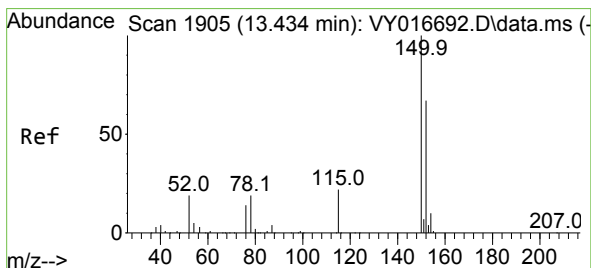
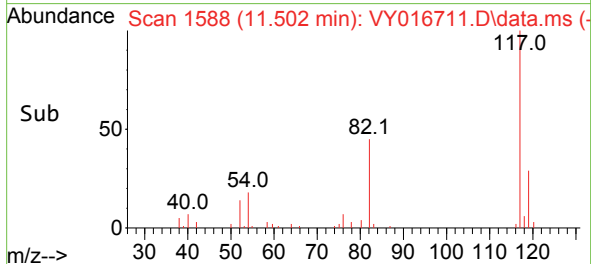
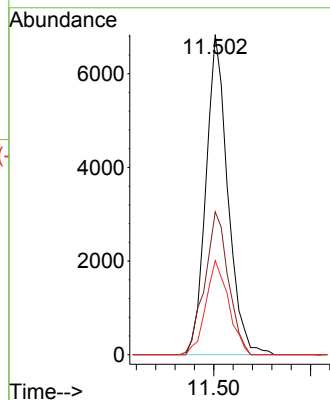
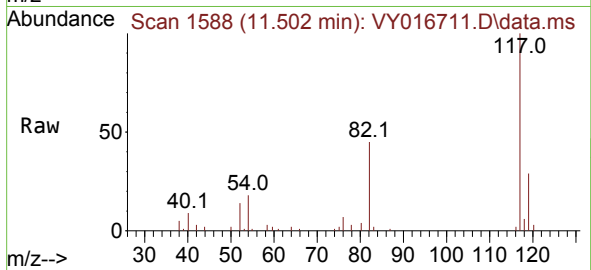




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

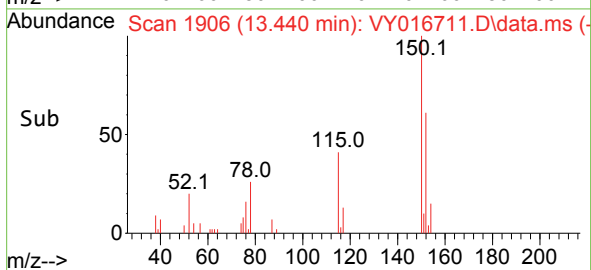
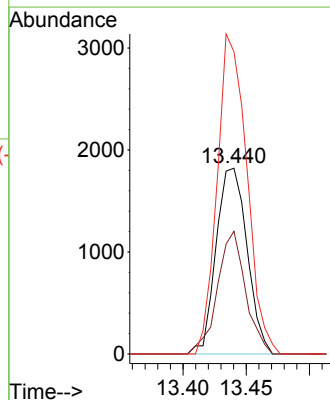
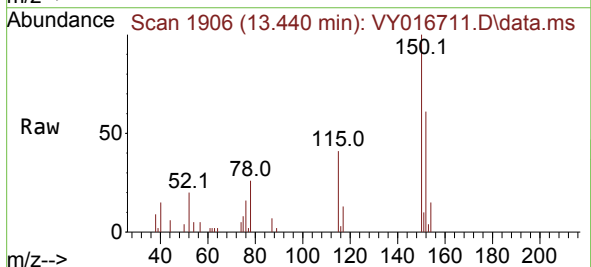
Instrument :
MSVOA_Y
ClientSampleId :

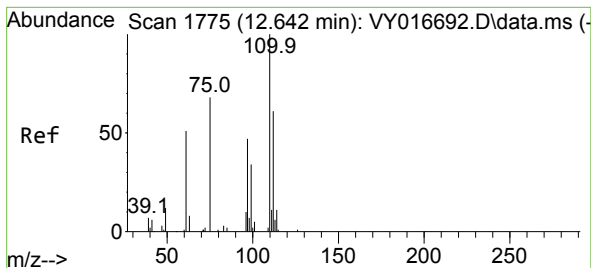
Tgt Ion:117 Resp: 10755
Ion Ratio Lower Upper
117 100
82 44.7 41.0 61.6
119 29.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion:152 Resp: 3102
Ion Ratio Lower Upper
152 100
115 60.0 28.2 84.7
150 164.5 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 62.342 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016711.D

Acq: 19 Dec 2023 22:23

Instrument :

MSVOA_Y

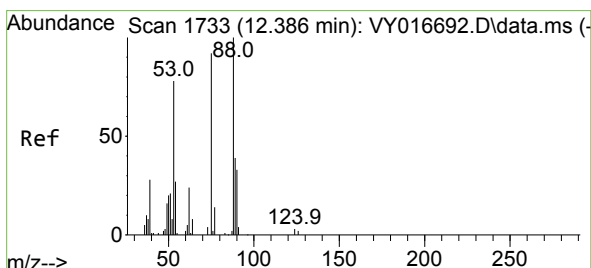
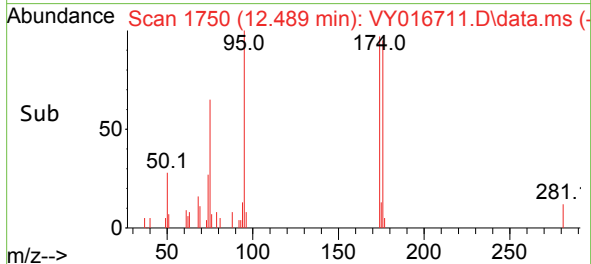
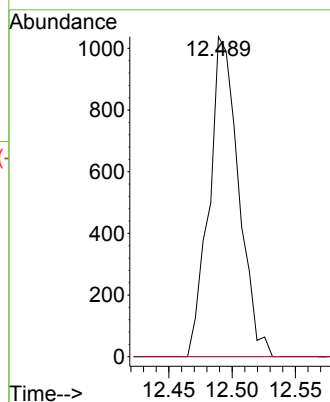
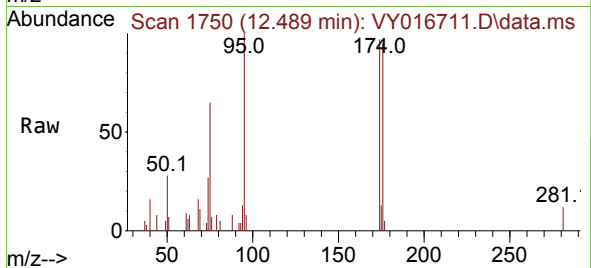
ClientSampleId :

Tgt Ion: 75 Resp: 1681

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 143.036 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016711.D

Acq: 19 Dec 2023 22:23

Tgt Ion: 75 Resp: 1681

Ion Ratio Lower Upper

75 100

53 0.0 62.9 94.3#

89 0.0 35.8 53.8#

