

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016700.D
 Acq On : 19 Dec 2023 18:04
 Operator : SY/MD
 Sample : VY1219SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:36:15 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)

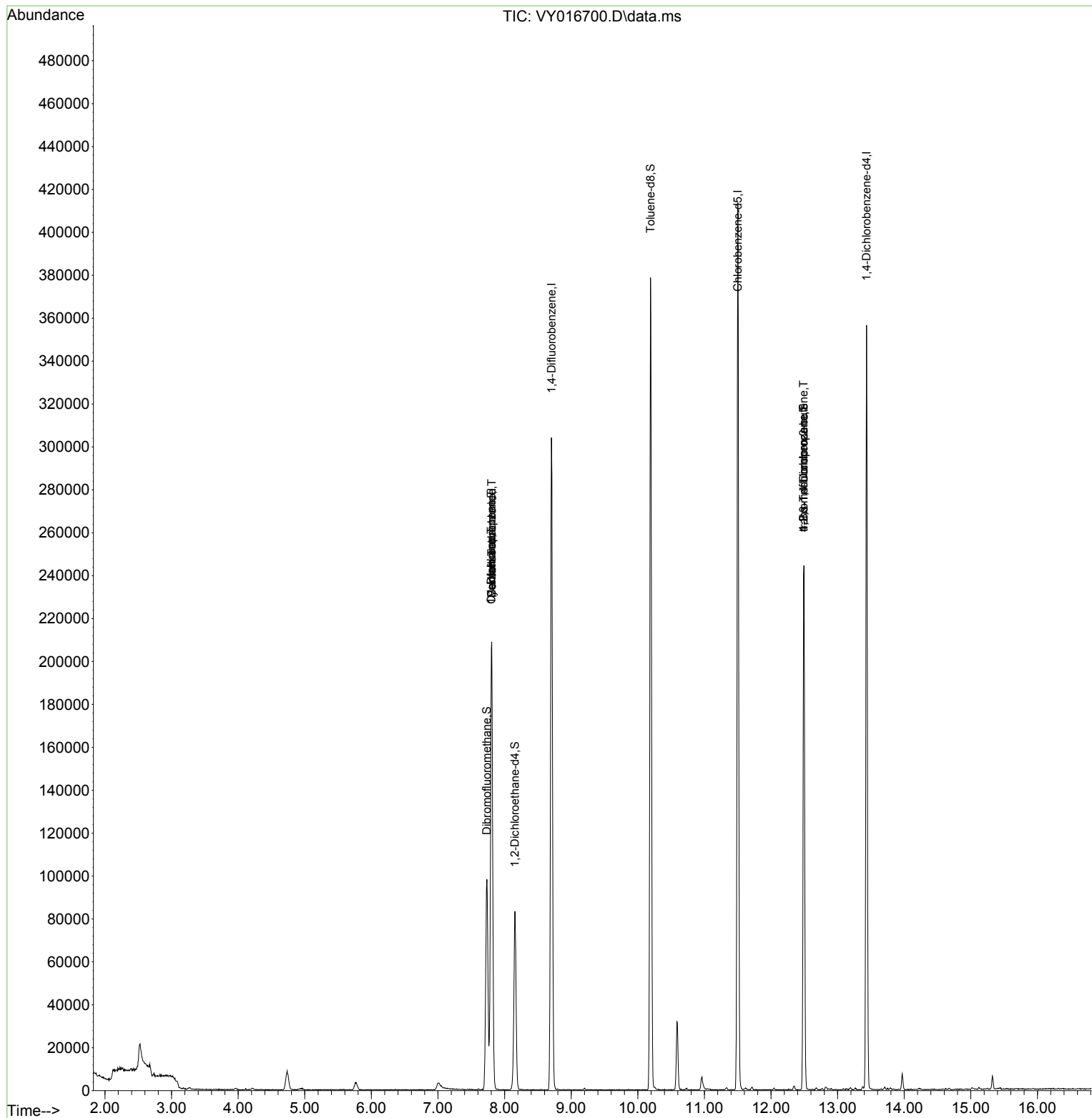
Internal Standards						
1) Pentafluorobenzene	7.807	168	172732	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	264813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62405	43.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.360%
35) Dibromofluoromethane	7.734	113	67864	43.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.020%
50) Toluene-d8	10.191	98	249842	44.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.489	95	61833	38.501	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	183	Below Cal	#	43
3) Chloromethane	2.119	50	361	Below Cal	#	41
11) Tert butyl alcohol	4.936	59	662	Below Cal	#	73
16) Acetone	3.954	43	993	Below Cal	#	75
20) Methylene Chloride	4.735	84	6522	Below Cal		88
25) 2-Butanone	7.009	43	170	Below Cal	#	42
31) Cyclohexane	7.801	56	4004	1.712	ug/l #	44
36) 1,1-Dichloropropene	7.801	75	12883	5.461	ug/l #	48
38) Carbon Tetrachloride	7.807	117	15611	6.133	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	35988	45.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35988	104.085	ug/l #	18

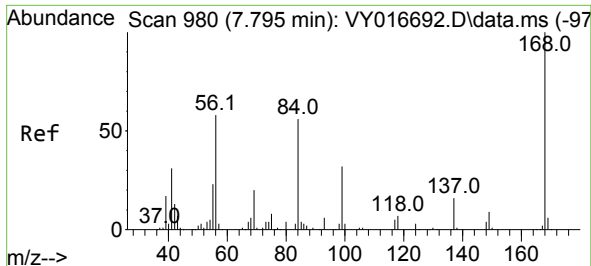
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Dec 20 06:36:15 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

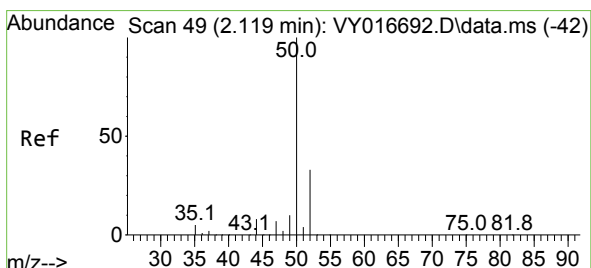
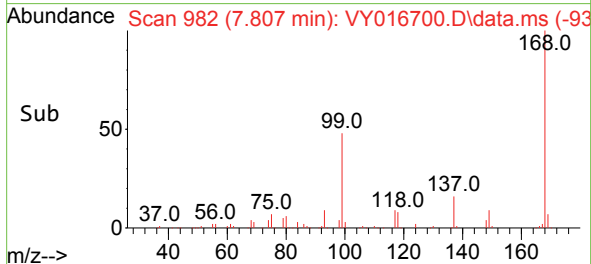
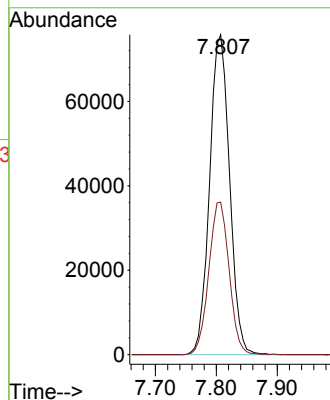
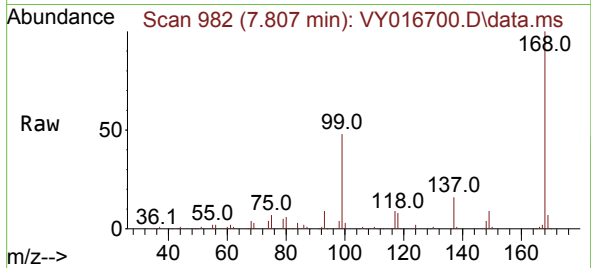




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

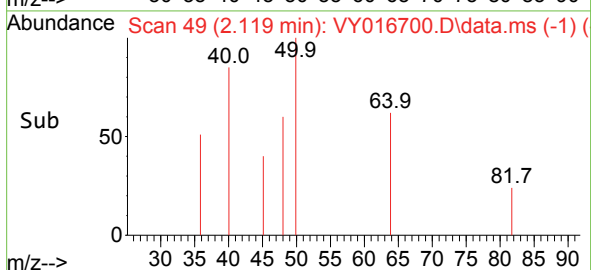
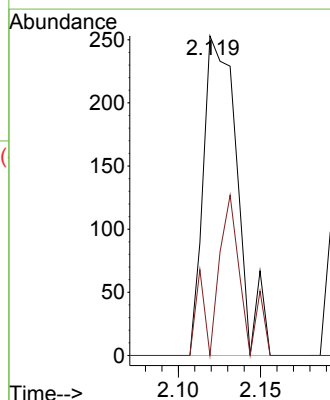
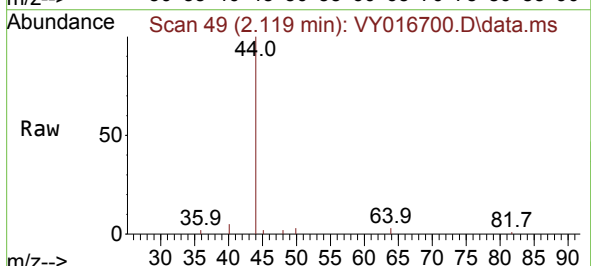
Instrument :
MSVOA_Y
ClientSampleId :

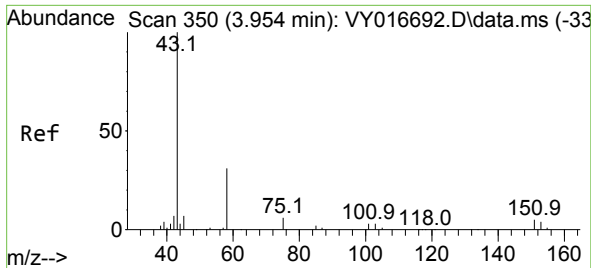
Tgt Ion:168 Resp: 172732
Ion Ratio Lower Upper
168 100
99 47.7 40.2 60.4



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

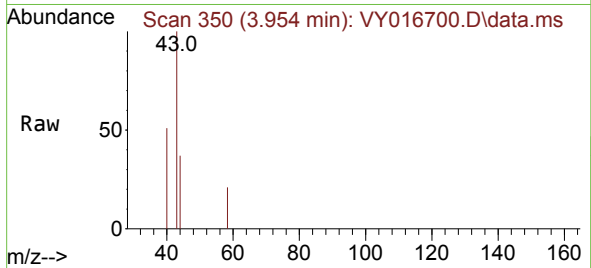
Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



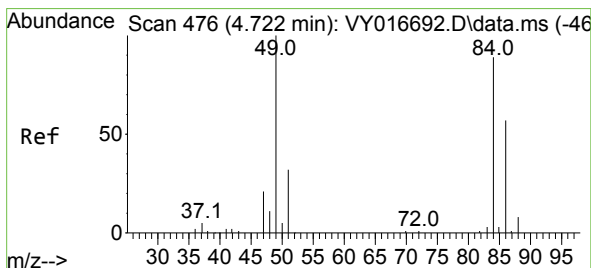
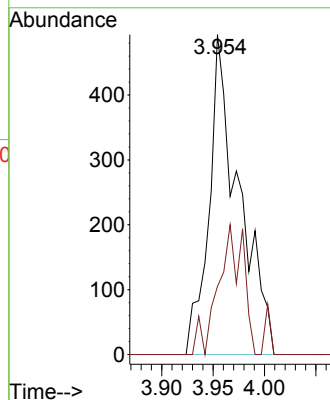
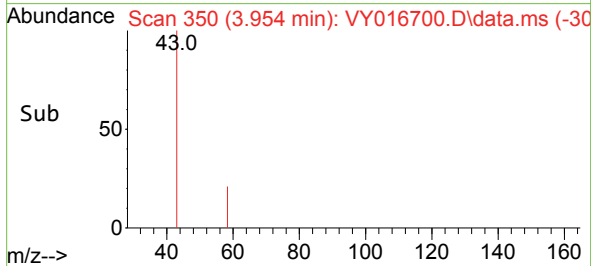


#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

Instrument :
MSVOA_Y
ClientSampleId :

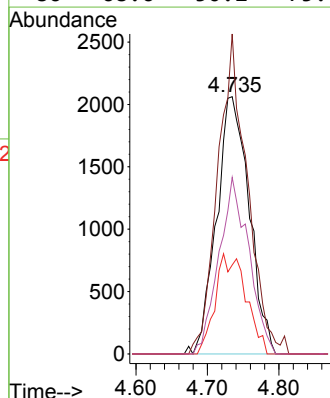
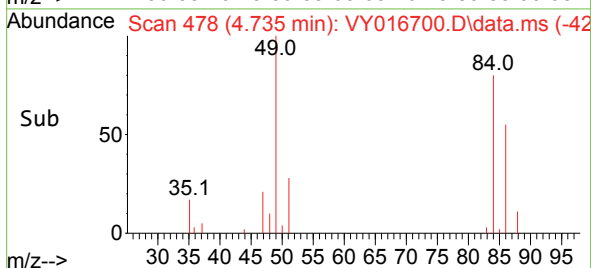
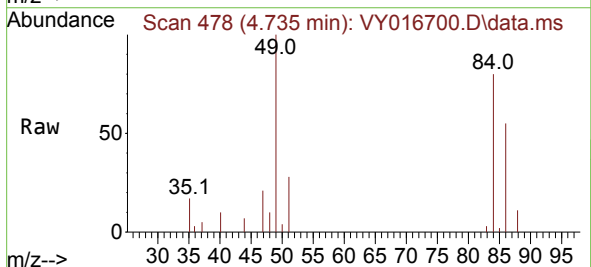


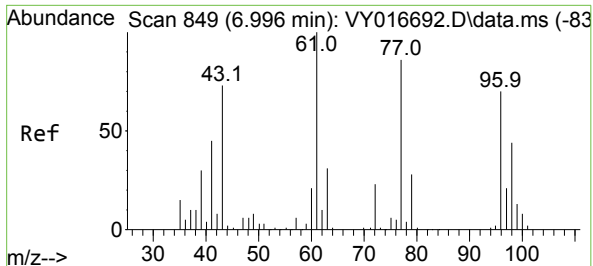
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 21.3 29.0 43.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

Tgt Ion: 84 Resp: 6522
Ion Ratio Lower Upper
84 100
49 124.4 83.8 125.8
51 34.6 27.2 40.8
86 68.6 50.2 75.4





#25

2-Butanone

Concen: Below Cal

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

Instrument :

MSVOA_Y

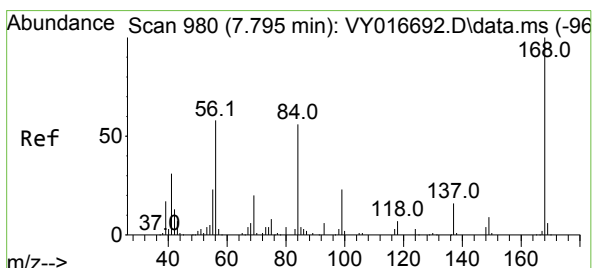
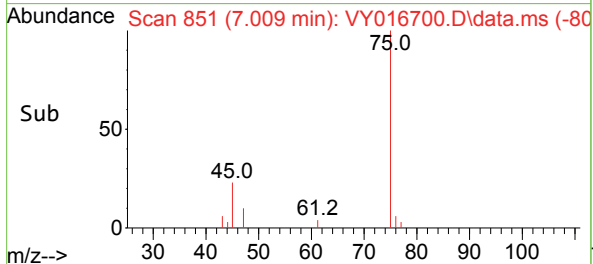
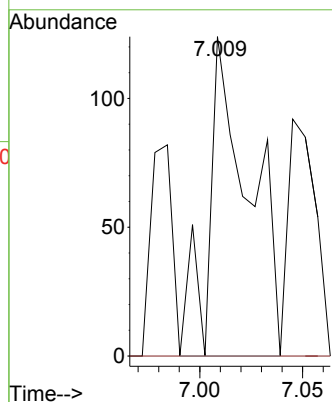
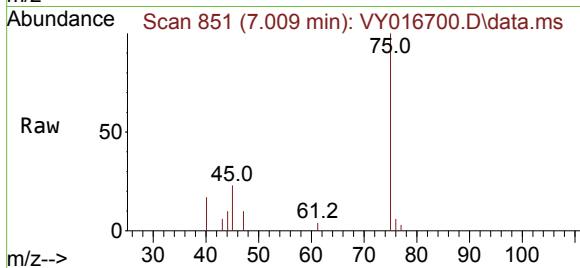
ClientSampleId :

Tgt Ion: 43 Resp: 170

Ion Ratio Lower Upper

43 100

72 0.0 26.3 39.5#



#31

Cyclohexane

Concen: 1.712 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

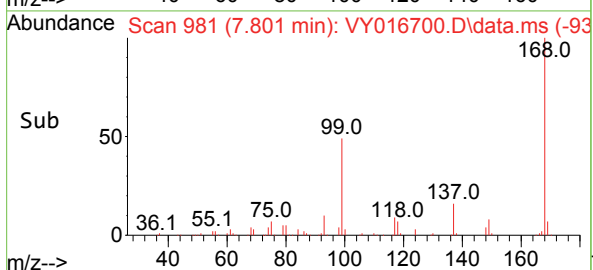
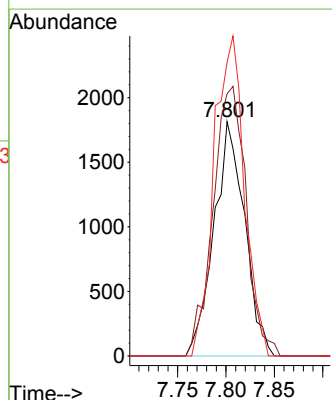
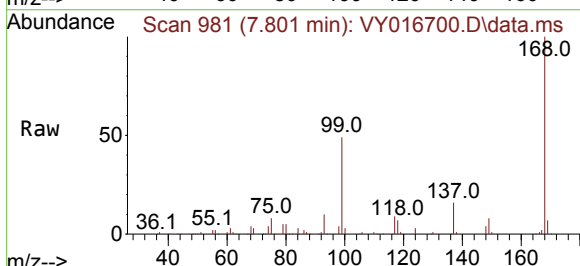
Tgt Ion: 56 Resp: 4004

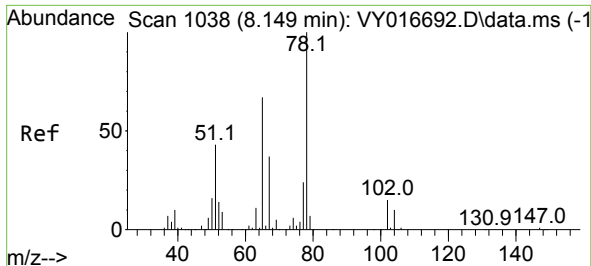
Ion Ratio Lower Upper

56 100

69 111.9 27.5 41.3#

84 125.4 78.1 117.1#





#33

1,2-Dichloroethane-d4

Concen: 43.679 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016700.D

Acq: 19 Dec 2023 18:04

Instrument :

MSVOA_Y

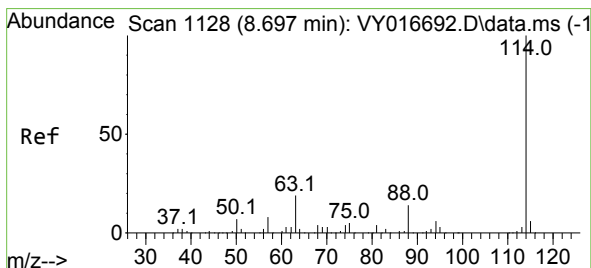
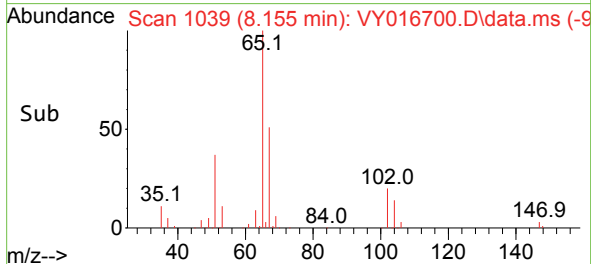
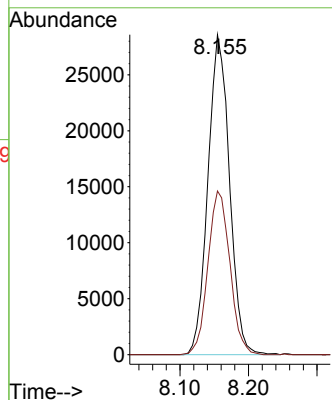
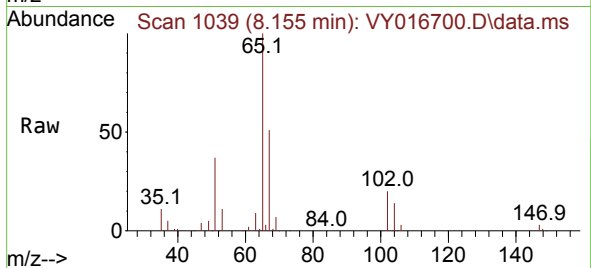
ClientSampleId :

Tgt Ion: 65 Resp: 62405

Ion Ratio Lower Upper

65 100

67 52.1 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: VY016700.D

Acq: 19 Dec 2023 18:04

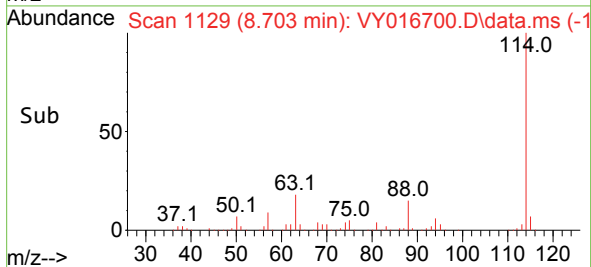
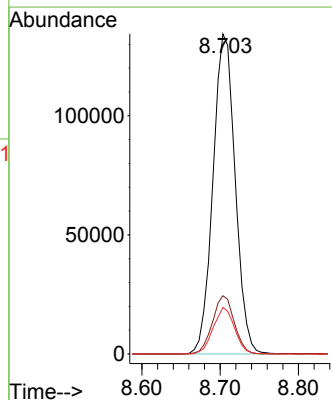
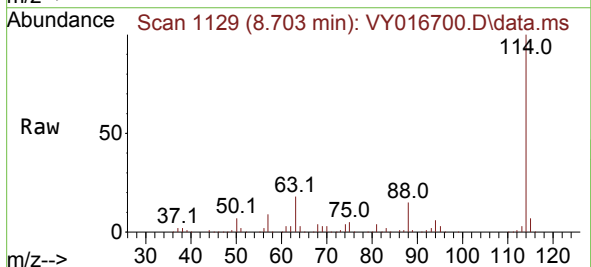
Tgt Ion:114 Resp: 264813

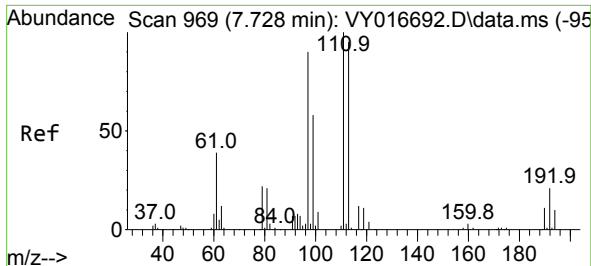
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

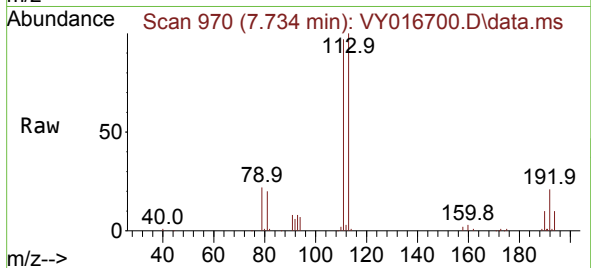
88 14.6 0.0 29.2



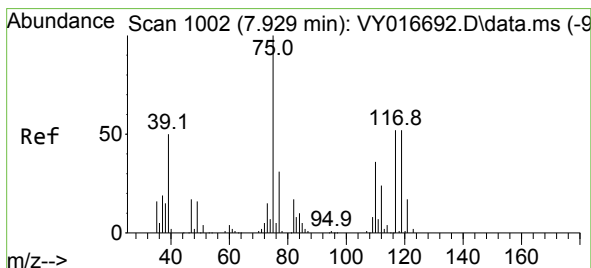
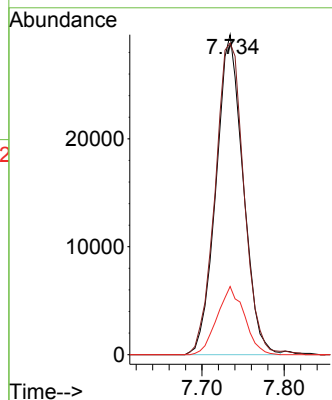
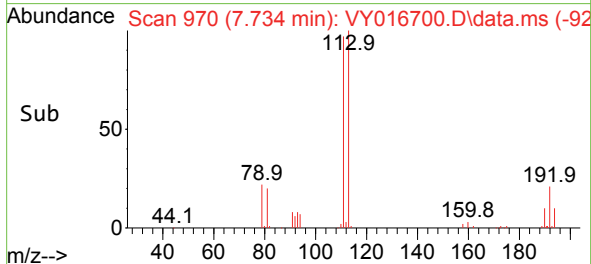


#35
Dibromofluoromethane
Concen: 43.512 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

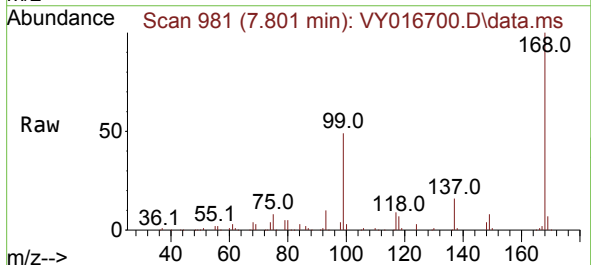
Instrument :
MSVOA_Y
ClientSampleId :



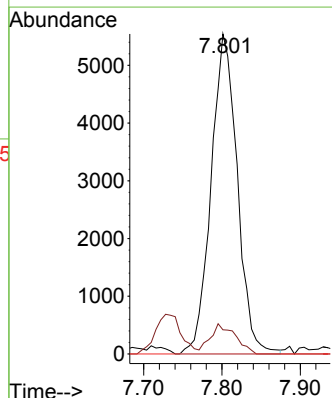
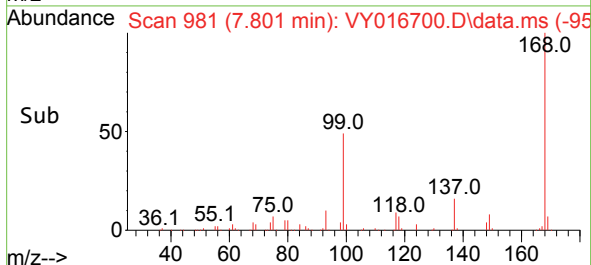
Tgt Ion:113 Resp: 67864
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 21.4 16.2 24.4

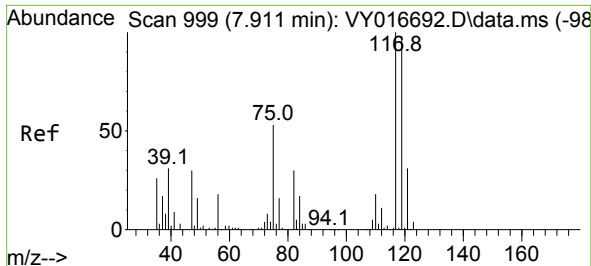


#36
1,1-Dichloropropene
Concen: 5.461 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04



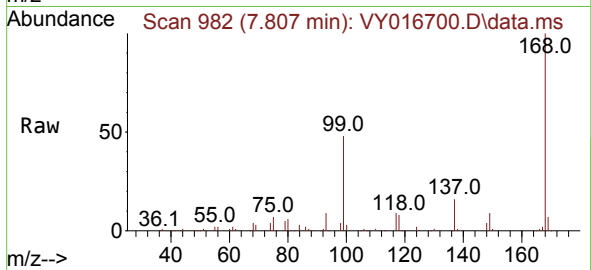
Tgt Ion: 75 Resp: 12883
Ion Ratio Lower Upper
75 100
110 9.0 18.9 56.9#
77 0.0 25.3 37.9#



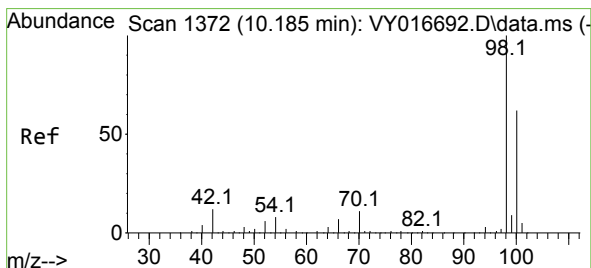
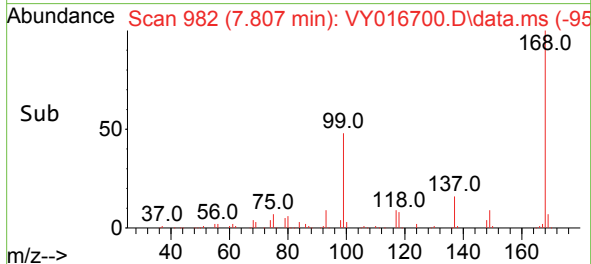
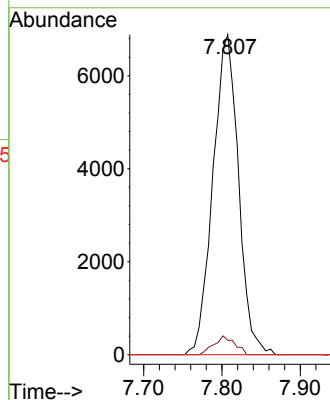


#38
Carbon Tetrachloride
Concen: 6.133 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

Instrument :
MSVOA_Y
ClientSampleId :

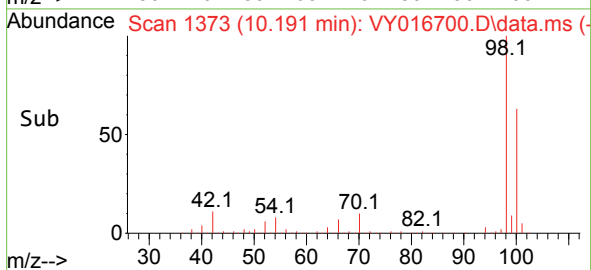
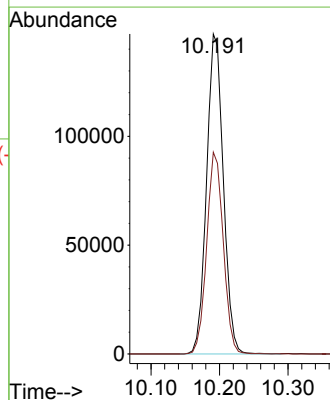
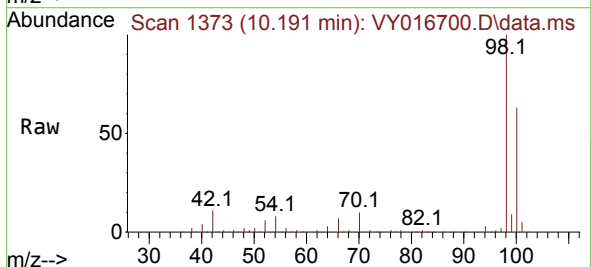


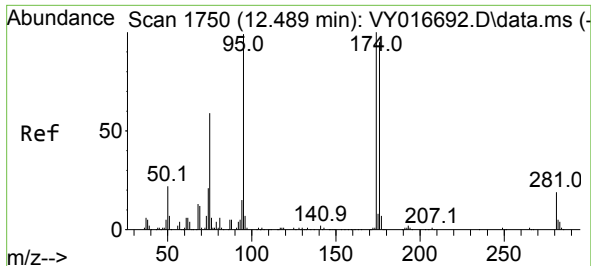
Tgt Ion:117 Resp: 15611
Ion Ratio Lower Upper
117 100
119 4.5 75.0 112.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 44.232 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

Tgt Ion: 98 Resp: 249842
Ion Ratio Lower Upper
98 100
100 62.5 52.5 78.7

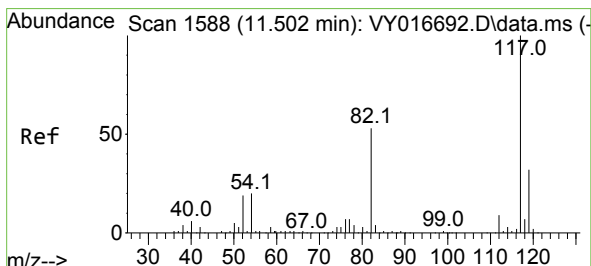
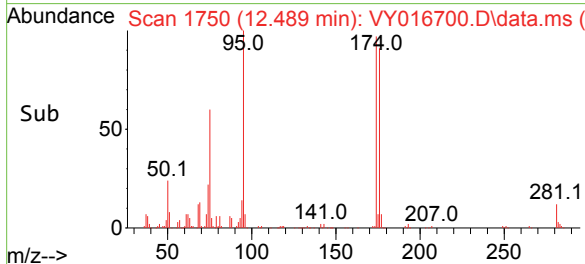
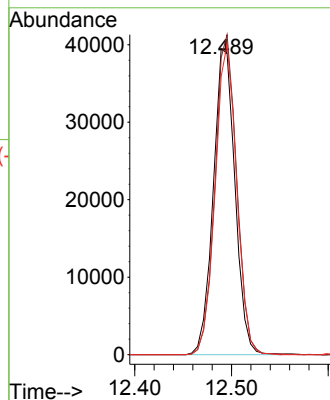
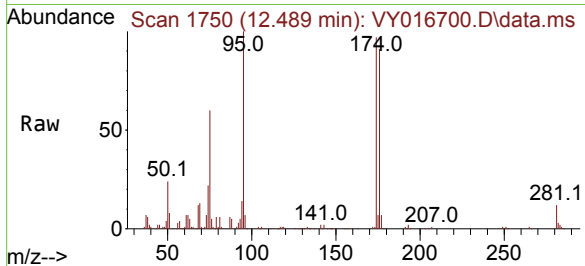




#62
4-Bromofluorobenzene
Concen: 38.501 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

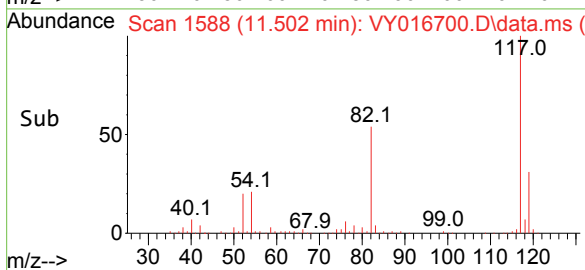
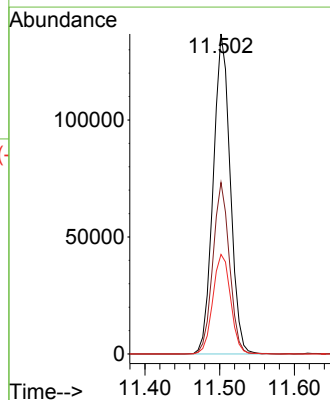
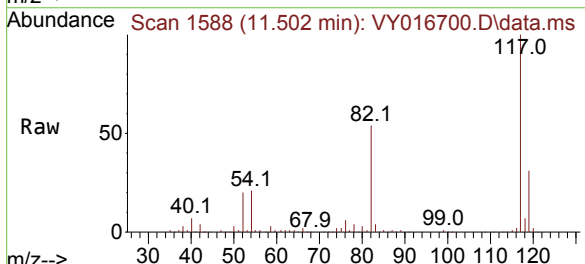
Instrument :
MSVOA_Y
ClientSampleId :

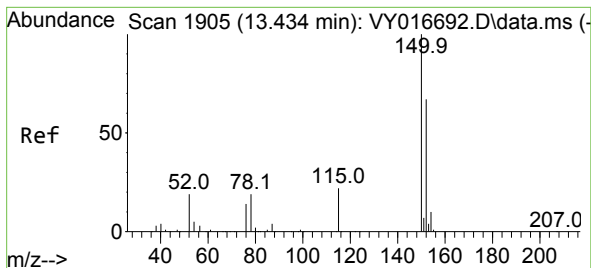
Tgt Ion: 95 Resp: 61833
Ion Ratio Lower Upper
95 100
174 103.8 0.0 181.0
176 99.8 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016700.D
Acq: 19 Dec 2023 18:04

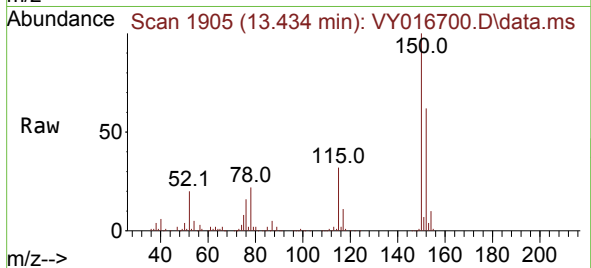
Tgt Ion: 117 Resp: 217043
Ion Ratio Lower Upper
117 100
82 53.6 41.0 61.6
119 31.1 25.8 38.8



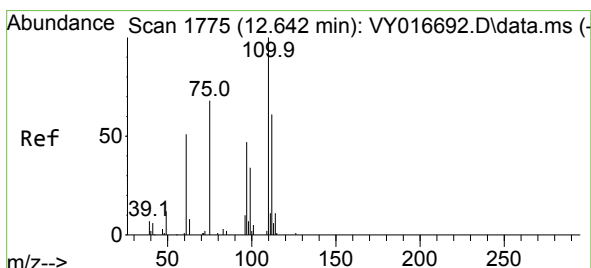
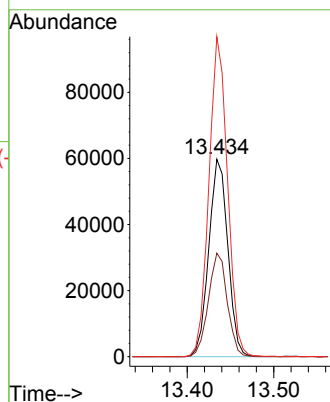
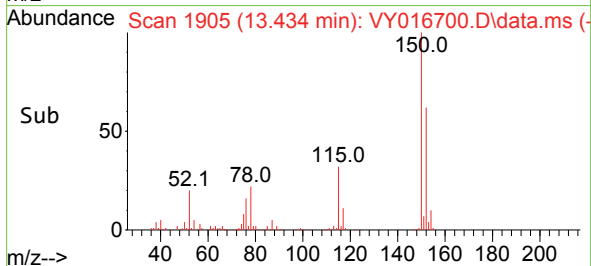


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016700.D
 Acq: 19 Dec 2023 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :

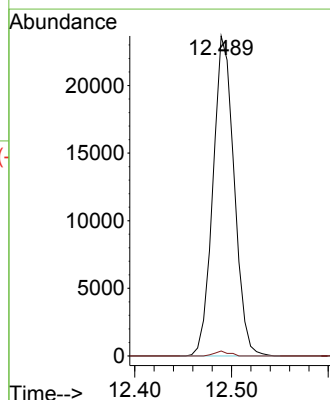
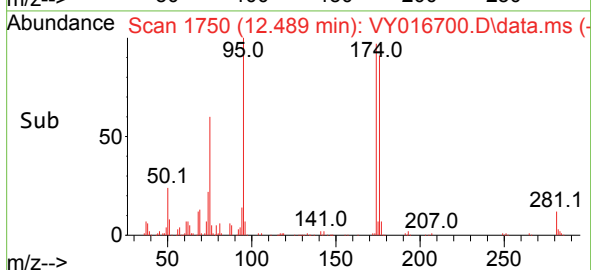
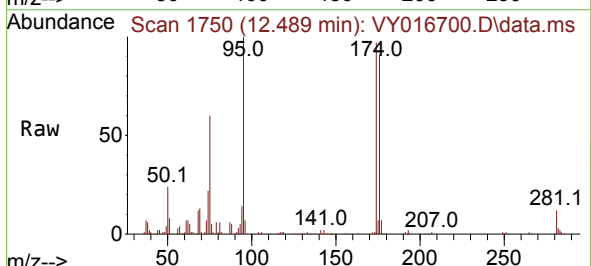


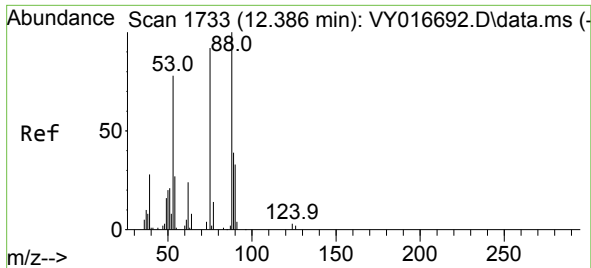
Tgt Ion:152 Resp: 91262
 Ion Ratio Lower Upper
 152 100
 115 52.1 28.2 84.7
 150 158.1 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 45.365 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016700.D
 Acq: 19 Dec 2023 18:04

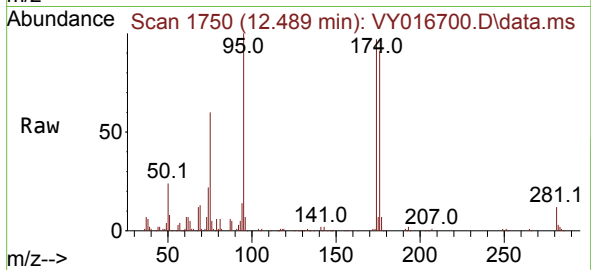
Tgt Ion: 75 Resp: 35988
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.085 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016700.D
 Acq: 19 Dec 2023 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	0.0	35.8	53.8#

