

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016895.D
 Acq On : 02 Jan 2024 15:28
 Operator : SY/MD
 Sample : VY0102SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

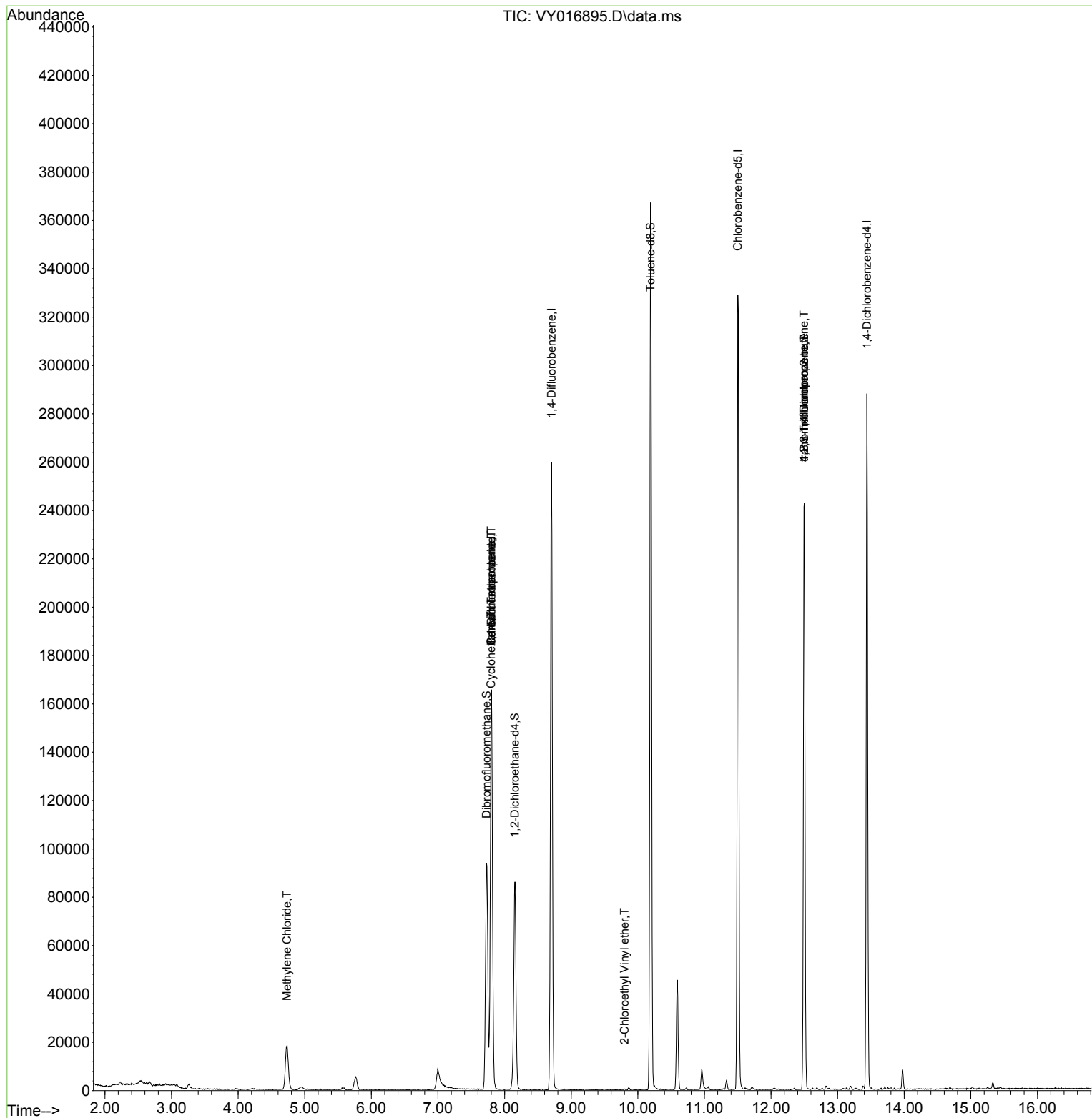
Internal Standards						
1) Pentafluorobenzene	7.801	168	124074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	221680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	183525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	63452	51.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.728	113	69936	49.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.020%	
50) Toluene-d8	10.191	98	241152	49.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.495	95	69429	42.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	20	Below Cal	#	40
11) Tert butyl alcohol	4.941	59	899	Below Cal	#	75
16) Acetone	3.954	43	751	Below Cal		100
20) Methylene Chloride	4.734	84	13915	2.015	ug/l	94
25) 2-Butanone	7.002	43	326	Below Cal	#	48
31) Cyclohexane	7.795	56	2800	1.330	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	11216	5.448	ug/l	# 49
38) Carbon Tetrachloride	7.801	117	12779	6.110	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.800	63	164	17.679	ug/l	# 47
76) 1,2,3-Trichloropropane	12.495	75	37331	48.289	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	37331	109.652	ug/l	# 13

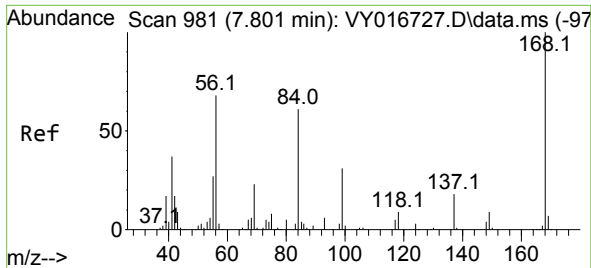
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
Data File : VY016895.D
Acq On : 02 Jan 2024 15:28
Operator : SY/MD
Sample : VY0102SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

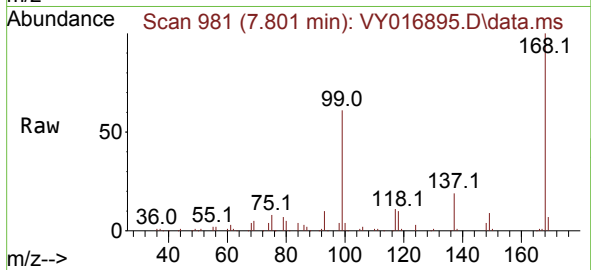
Quant Time: Jan 03 00:18:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



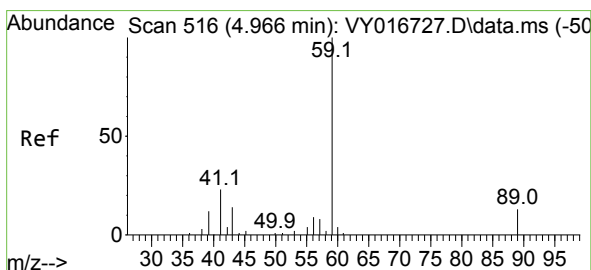
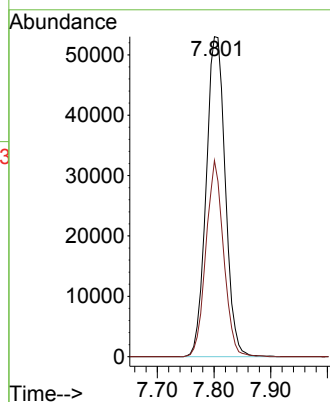
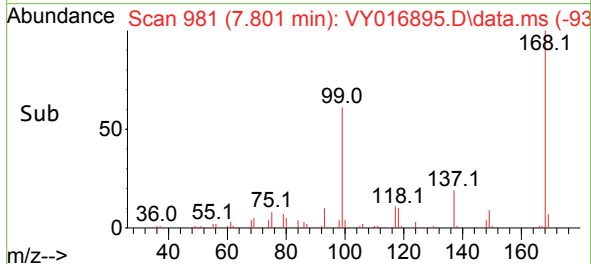


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :

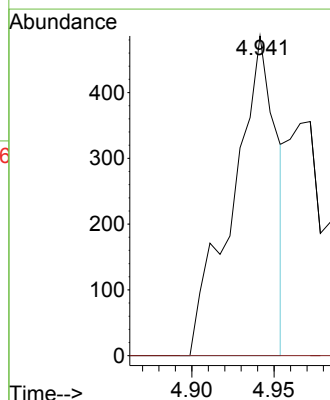
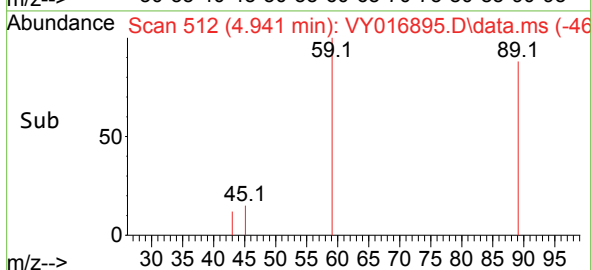
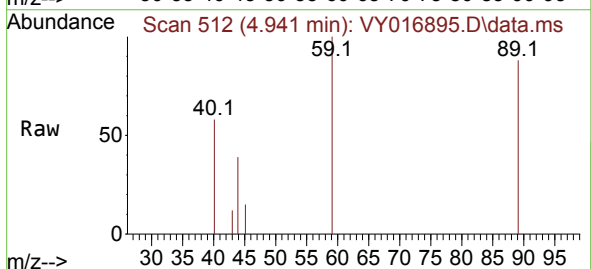


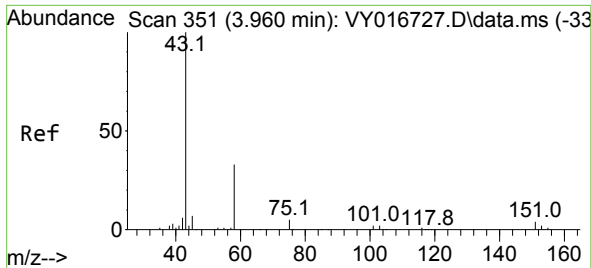
Tgt Ion:168 Resp: 124074
Ion Ratio Lower Upper
168 100
99 61.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.941 min Scan# 512
Delta R.T. -0.025 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Tgt Ion: 59 Resp: 899
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Instrument :

MSVOA_Y

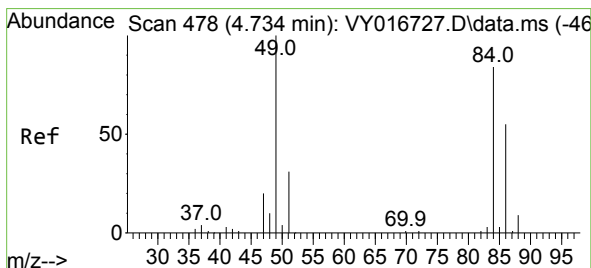
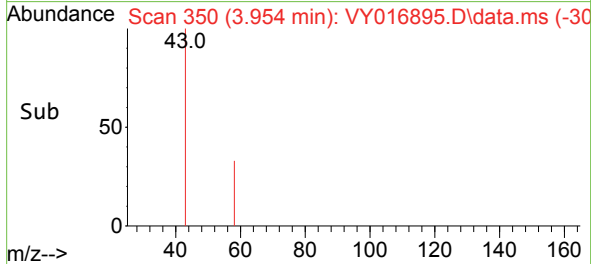
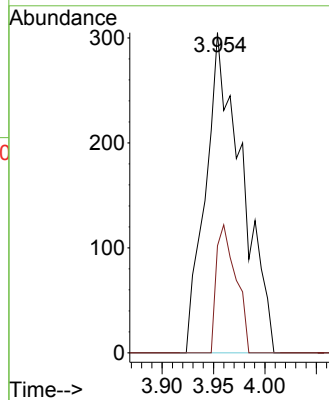
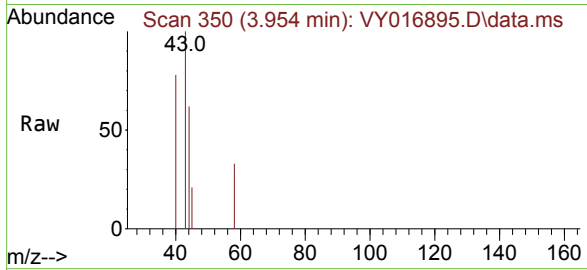
ClientSampleId :

Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

58 33.4 26.6 39.8



#20

Methylene Chloride

Concen: 2.015 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Tgt Ion: 84 Resp: 13915

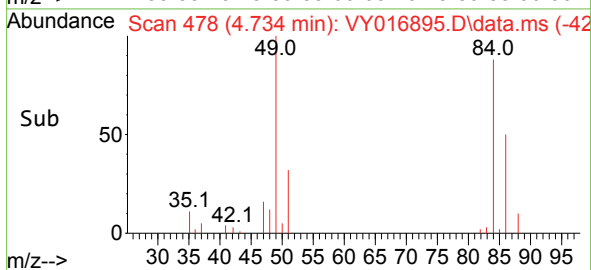
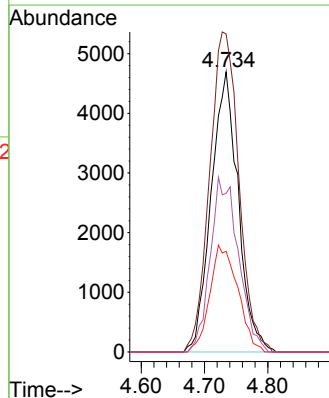
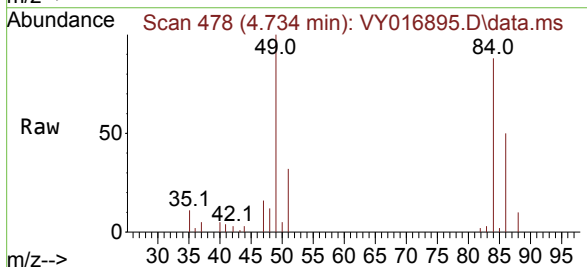
Ion Ratio Lower Upper

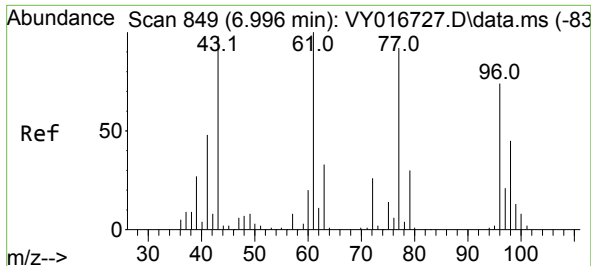
84 100

49 113.5 95.2 142.8

51 35.9 29.9 44.9

86 56.6 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Instrument :

MSVOA_Y

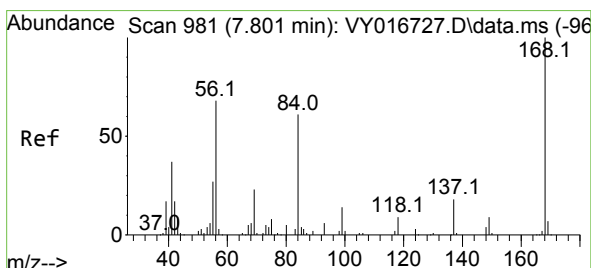
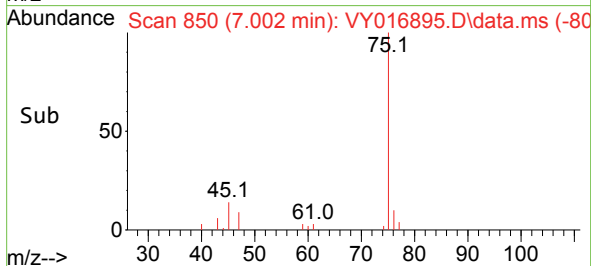
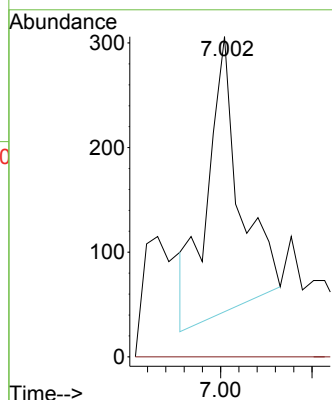
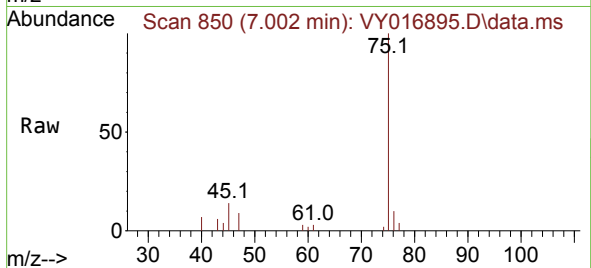
ClientSampleId :

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.330 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

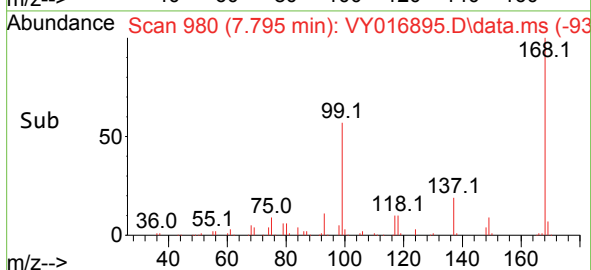
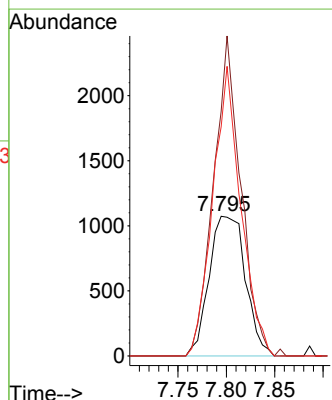
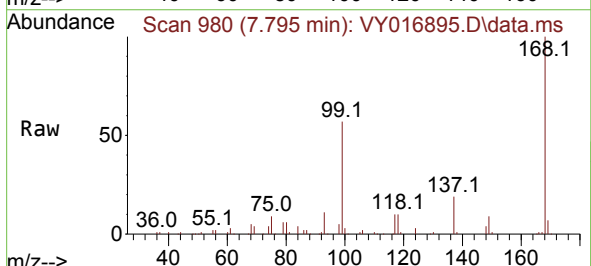
Tgt Ion: 56 Resp: 2800

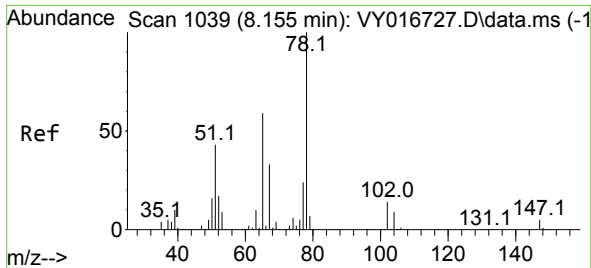
Ion Ratio Lower Upper

56 100

69 175.2 27.0 40.6#

84 164.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 51.743 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Instrument :

MSVOA_Y

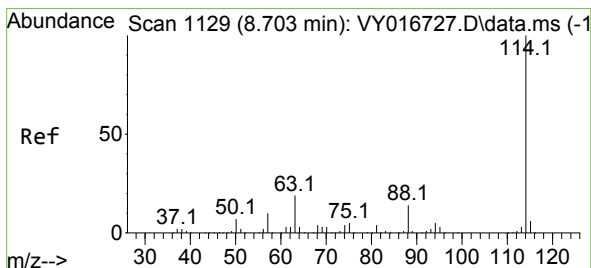
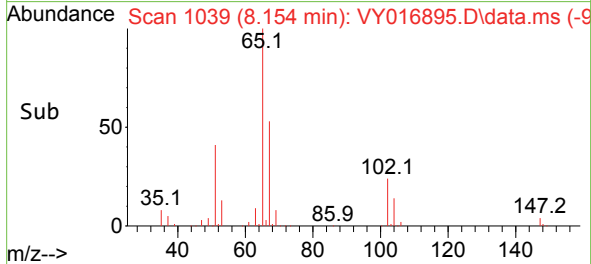
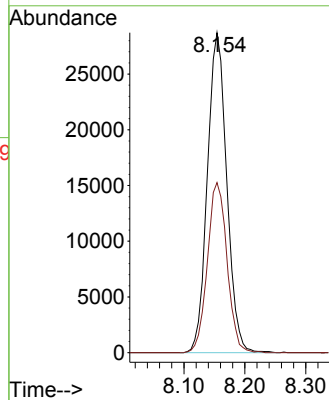
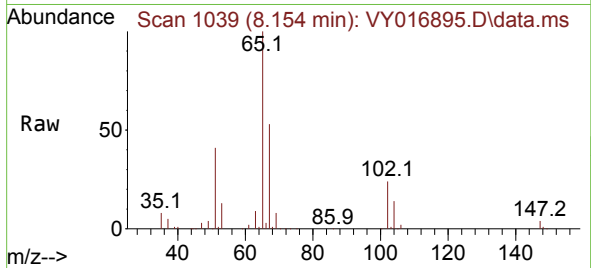
ClientSampleId :

Tgt Ion: 65 Resp: 63452

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

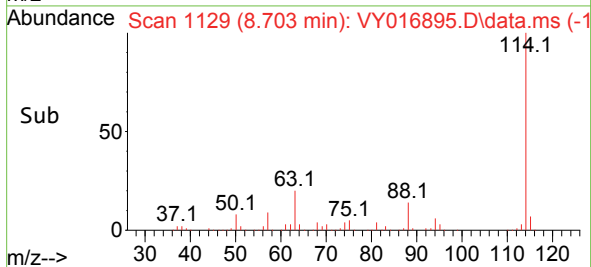
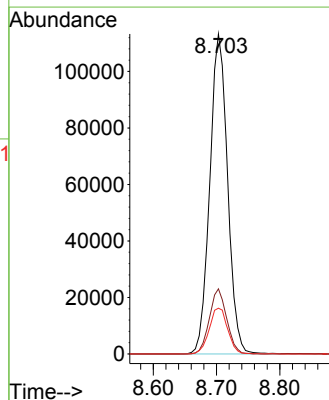
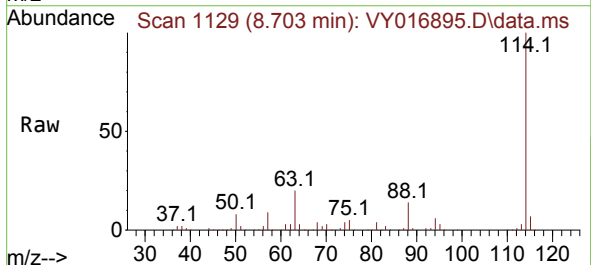
Tgt Ion: 114 Resp: 221680

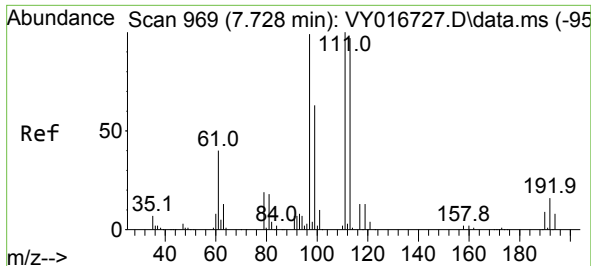
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

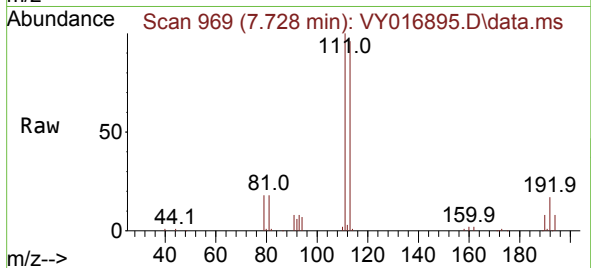
88 14.3 0.0 29.0



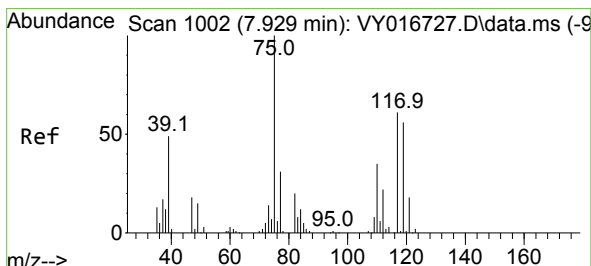
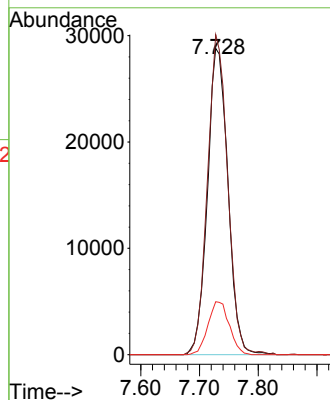
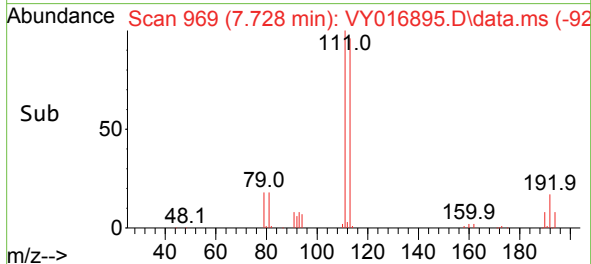


#35
Dibromofluoromethane
Concen: 49.508 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :

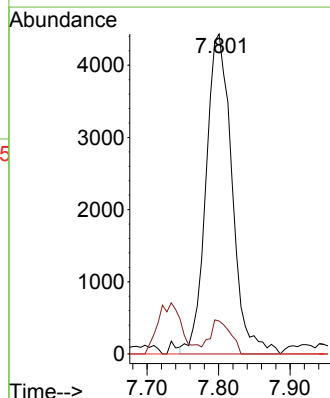
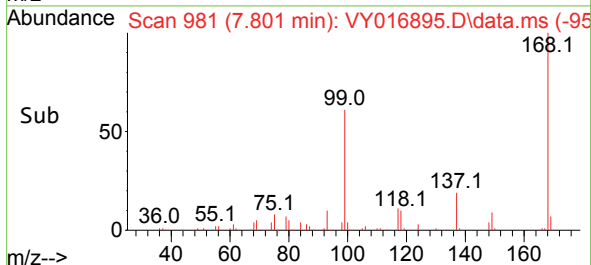
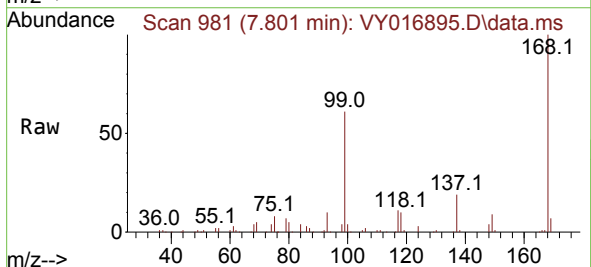


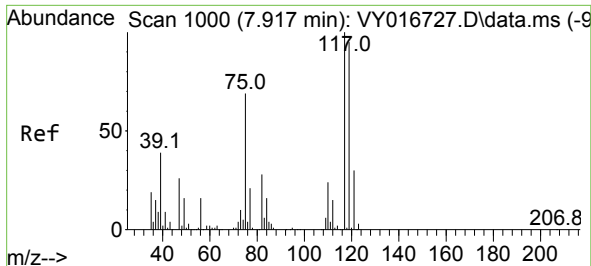
Tgt Ion:113 Resp: 69936
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.448 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

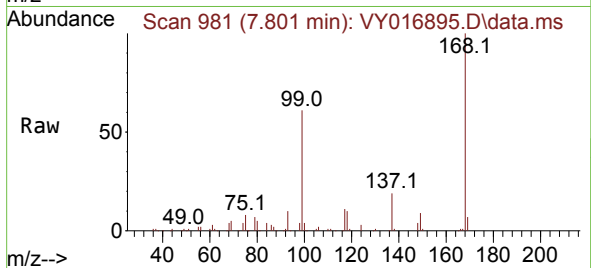
Tgt Ion: 75 Resp: 11216
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#



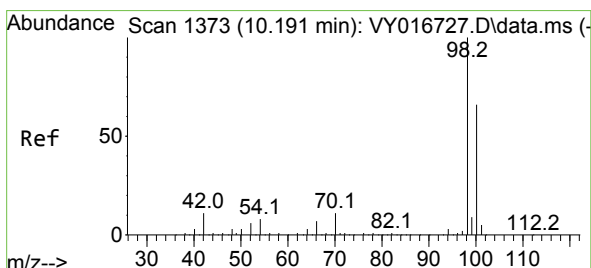
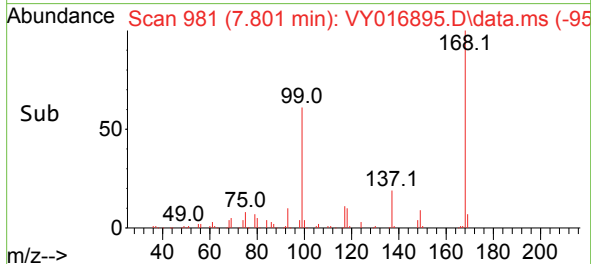
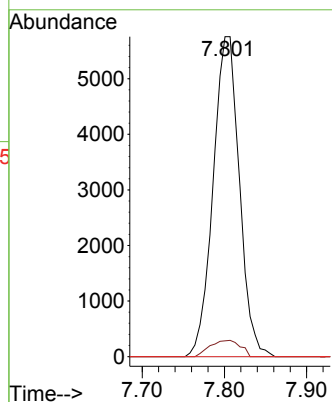


#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :

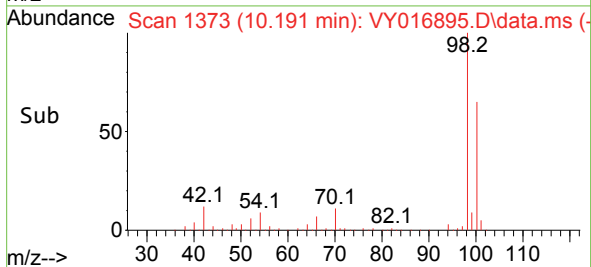
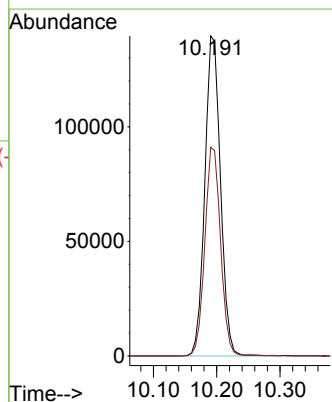
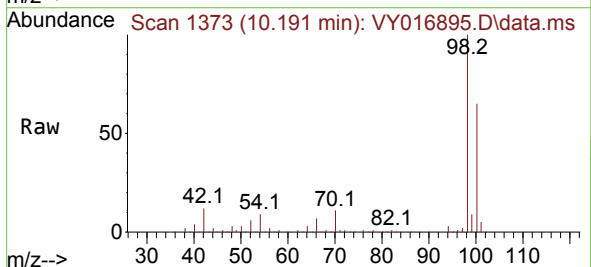


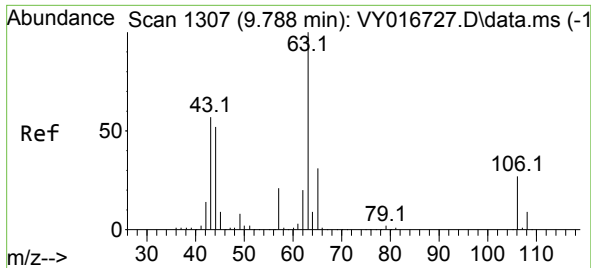
Tgt Ion:117 Resp: 12779
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Tgt Ion: 98 Resp: 241152
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

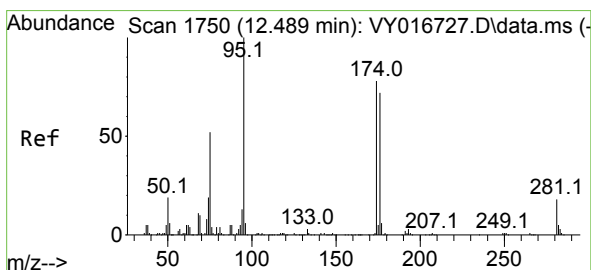
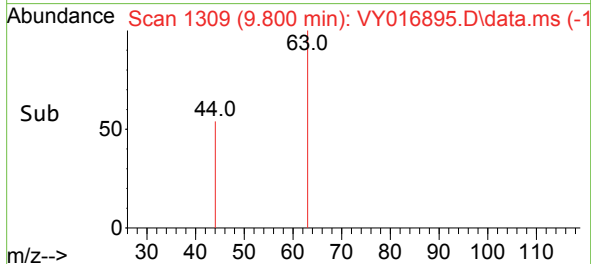
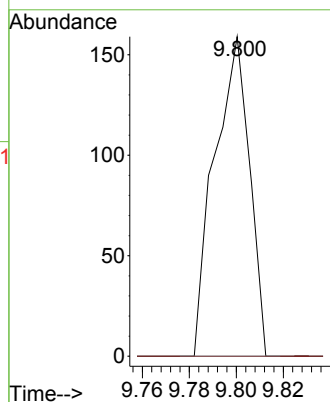
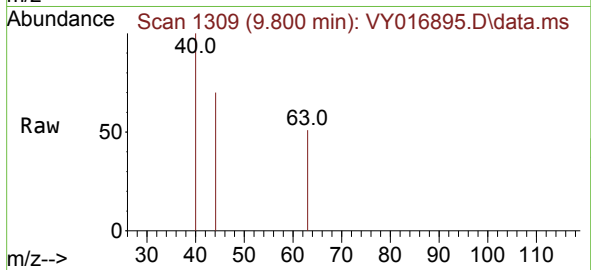




#58
2-Chloroethyl Vinyl ether
Concen: 17.679 ug/l
RT: 9.800 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

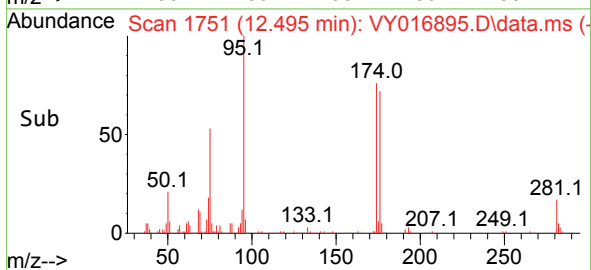
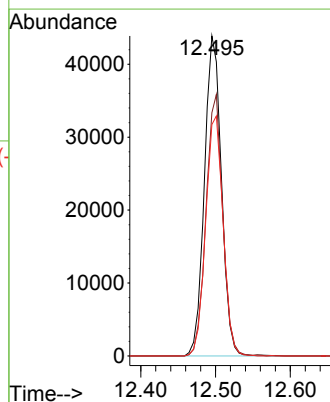
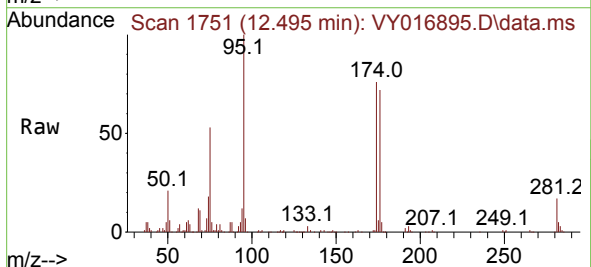
Instrument :
MSVOA_Y
ClientSampleId :

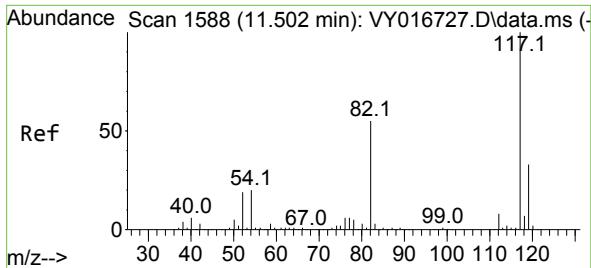
Tgt Ion: 63 Resp: 164
Ion Ratio Lower Upper
63 100
106 0.0 22.4 33.6#



#62
4-Bromofluorobenzene
Concen: 42.304 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

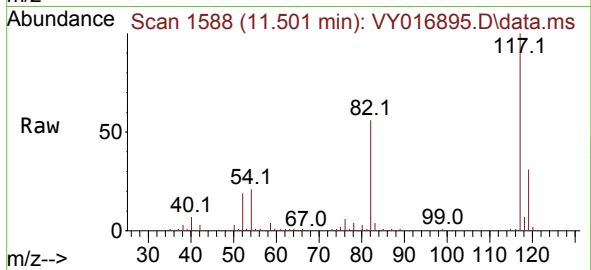
Tgt Ion: 95 Resp: 69429
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 76.9 0.0 151.8



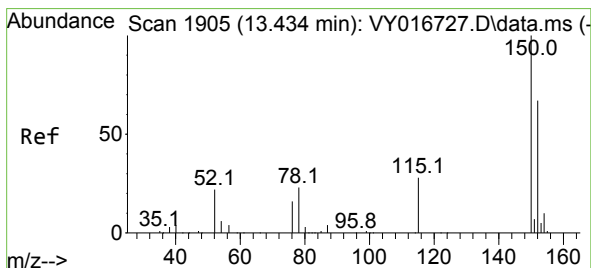
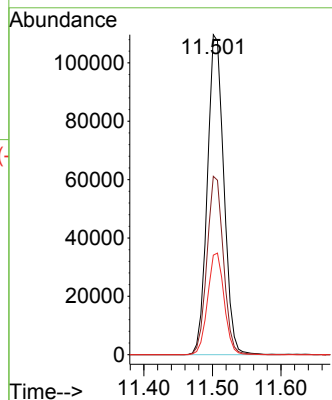
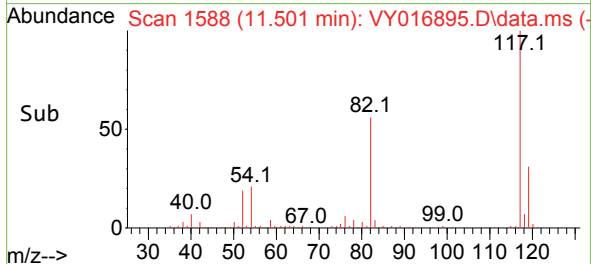


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

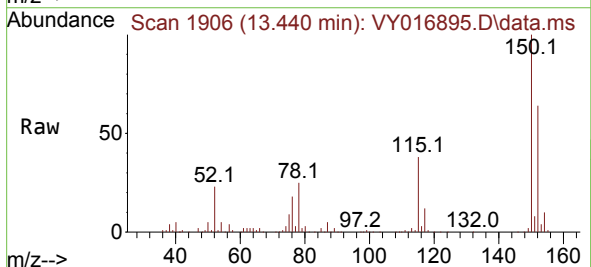
Instrument :
MSVOA_Y
ClientSampleId :



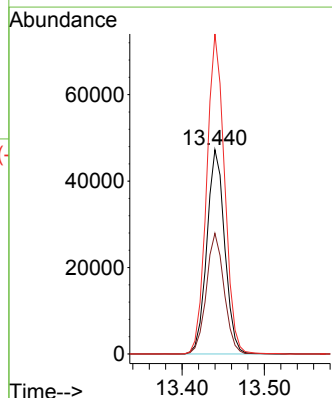
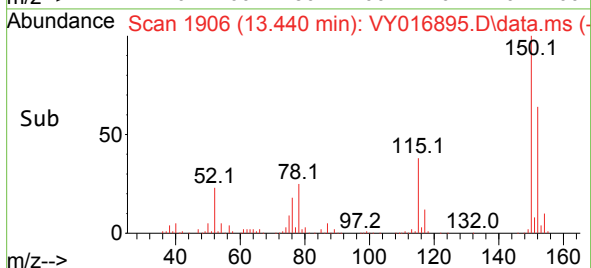
Tgt Ion:117 Resp: 183525
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 31.1 26.5 39.7

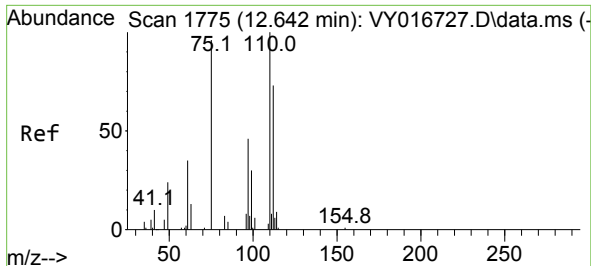


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28



Tgt Ion:152 Resp: 71239
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 156.9 0.0 344.6

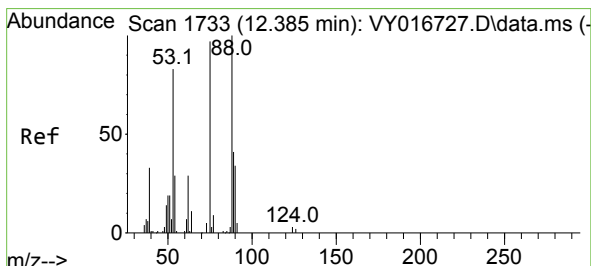
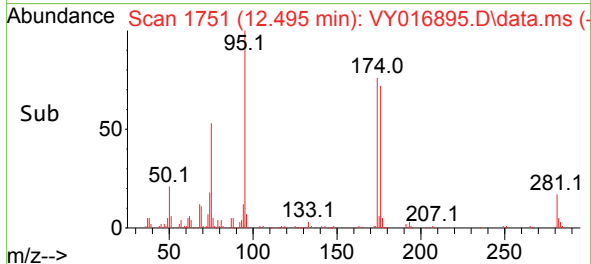
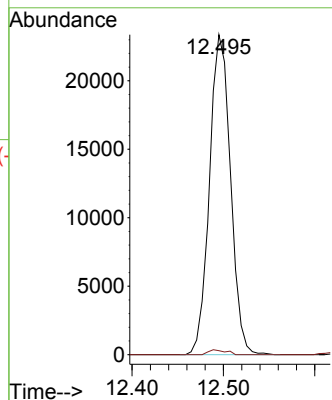
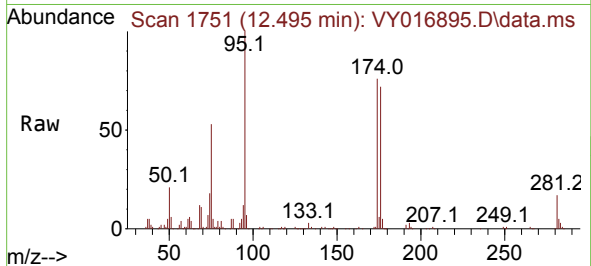




#76
1,2,3-Trichloropropane
Concen: 48.289 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37331
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.652 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Tgt Ion: 75 Resp: 37331
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.4 36.5 54.7#

