

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015965.D
 Acq On : 13 Oct 2023 18:13
 Operator : SY/MD
 Sample : 04854-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

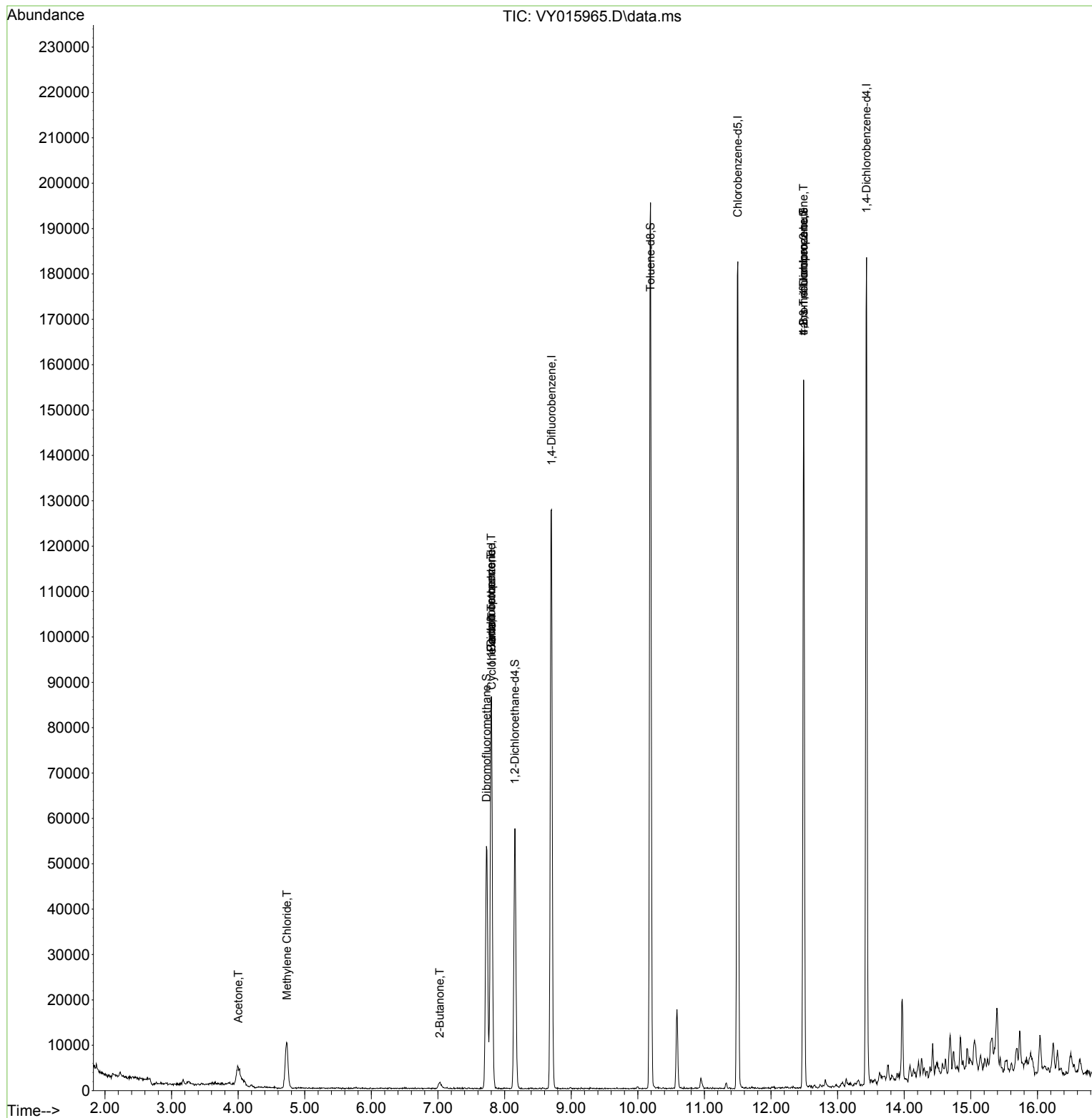
Internal Standards						
1) Pentafluorobenzene	7.801	168	68074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	113455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	104827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	47683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43481	55.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.728	113	38333	53.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.191	98	131174	49.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.489	95	43167	45.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	330	Below Cal		93
16) Acetone	4.003	43	10637	23.570	ug/l #	89
20) Methylene Chloride	4.734	84	7814	5.361	ug/l #	82
25) 2-Butanone	7.027	43	794	1.209	ug/l #	82
31) Cyclohexane	7.807	56	1306	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	5102	4.734	ug/l #	47
38) Carbon Tetrachloride	7.801	117	6588	5.804	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	22426	24.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	22426	56.612	ug/l #	10

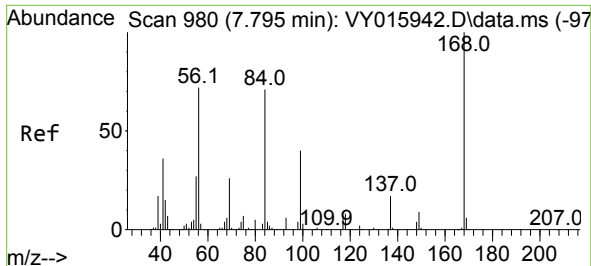
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
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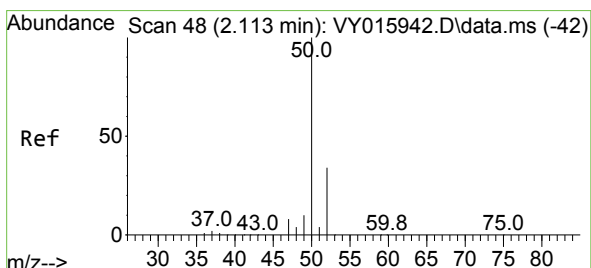
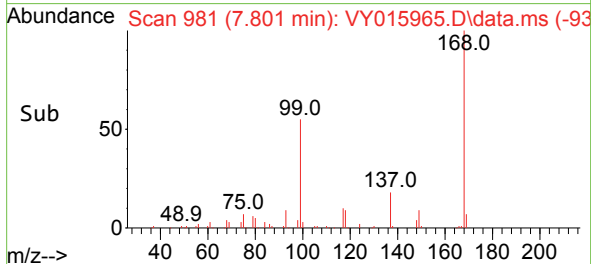
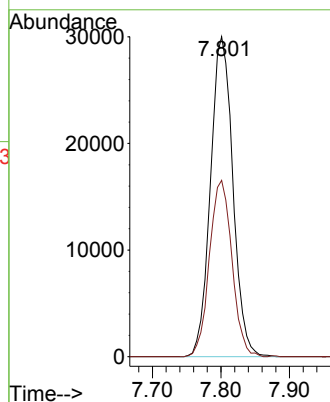
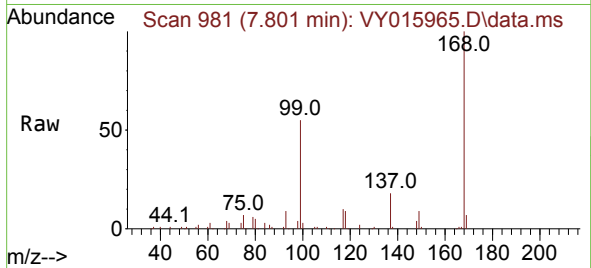




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

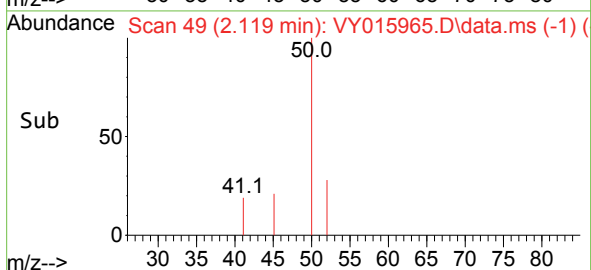
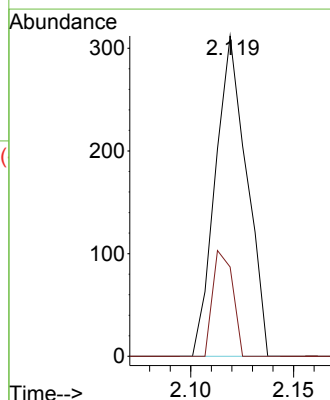
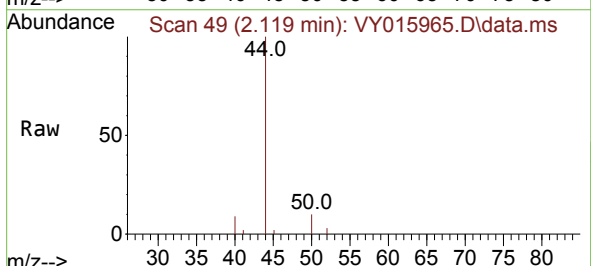
Instrument :
MSVOA_Y
ClientSampleId :

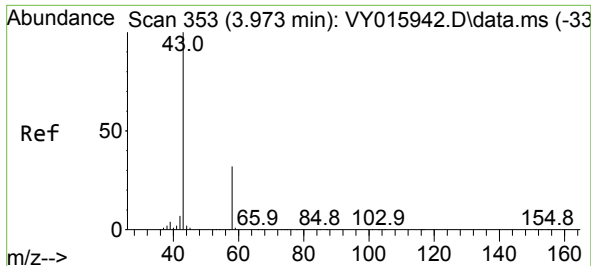
Tgt Ion:168 Resp: 68074
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 27.9 25.4 38.2

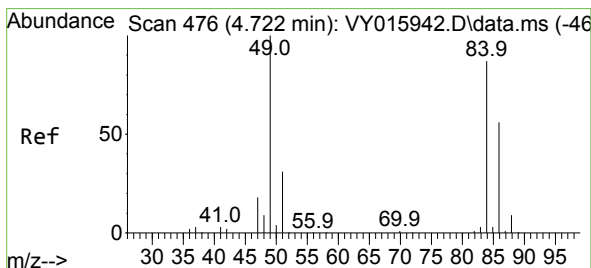
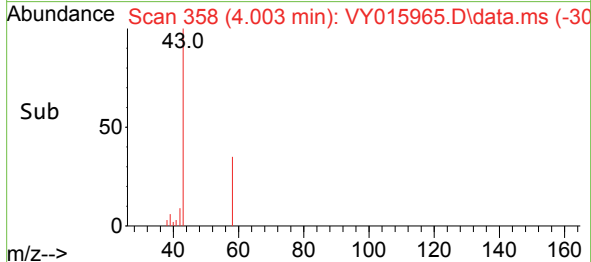
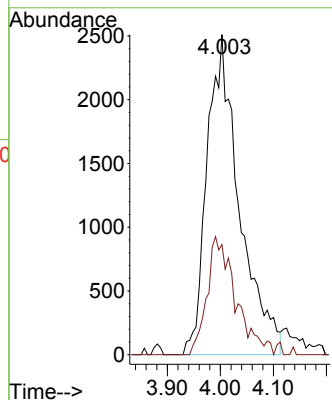
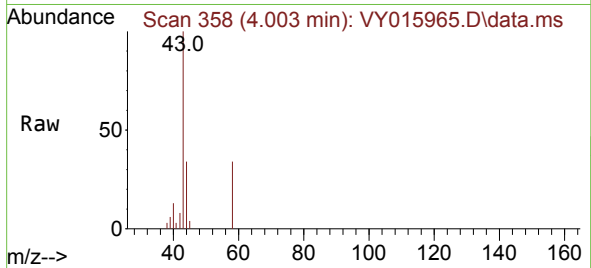




#16
Acetone
Concen: 23.570 ug/l
RT: 4.003 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

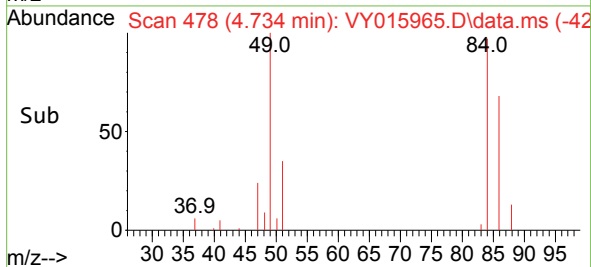
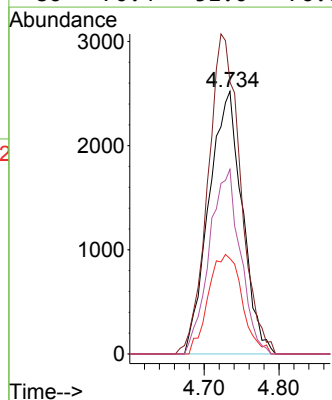
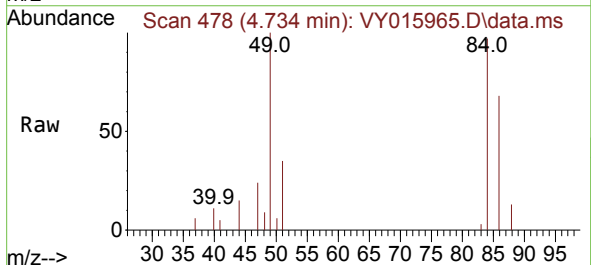
Instrument :
MSVOA_Y
ClientSampleId :

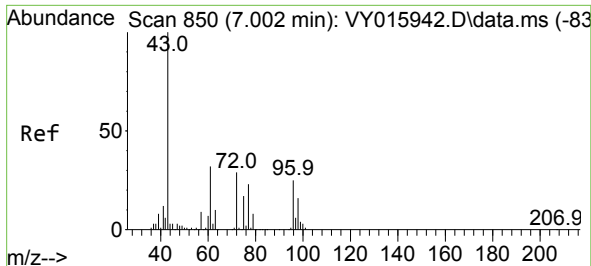
Tgt Ion: 43 Resp: 10637
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#



#20
Methylene Chloride
Concen: 5.361 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

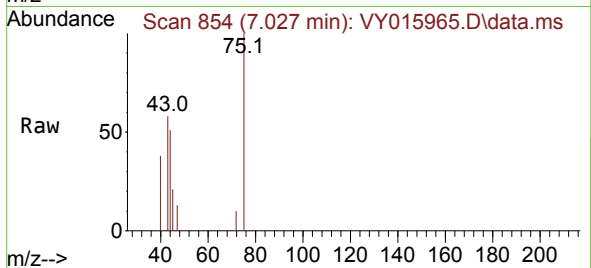
Tgt Ion: 84 Resp: 7814
Ion Ratio Lower Upper
84 100
49 103.6 106.9 160.3#
51 36.3 33.2 49.8
86 70.4 51.0 76.6



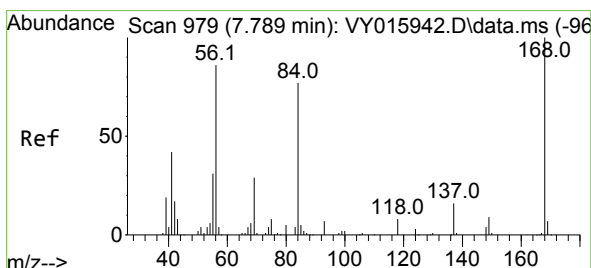
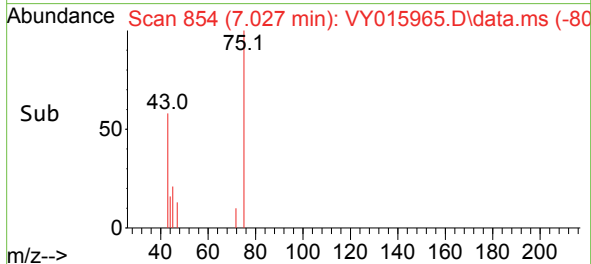
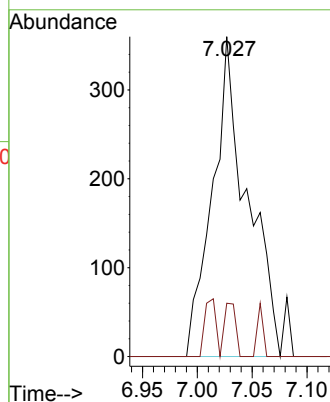


#25
2-Butanone
Concen: 1.209 ug/l
RT: 7.027 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Instrument :
MSVOA_Y
ClientSampleId :

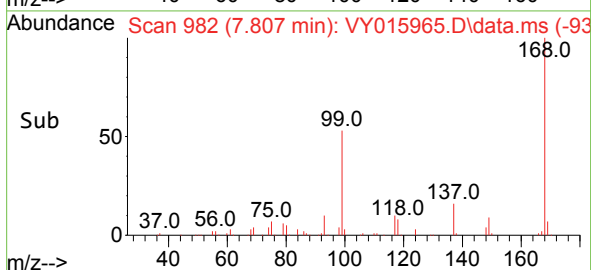
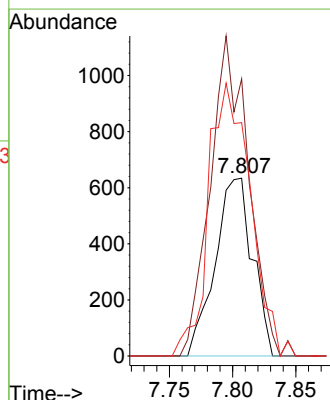
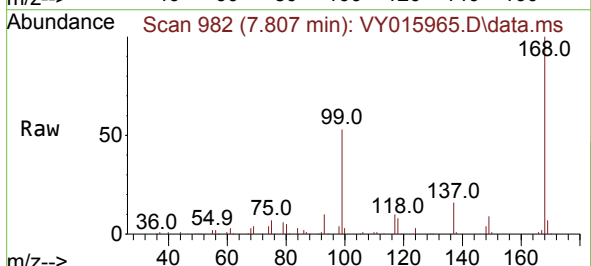


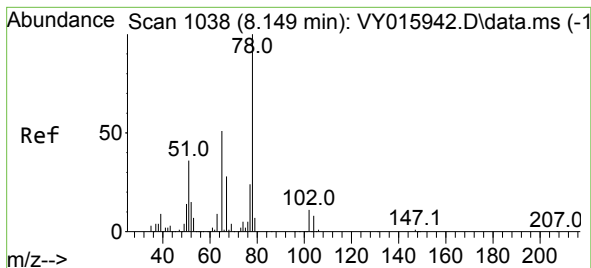
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
72 16.7 20.5 30.7#



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 56 Resp: 1306
Ion Ratio Lower Upper
56 100
69 155.8 27.8 41.6#
84 131.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.966 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015965.D

Acq: 13 Oct 2023 18:13

Instrument :

MSVOA_Y

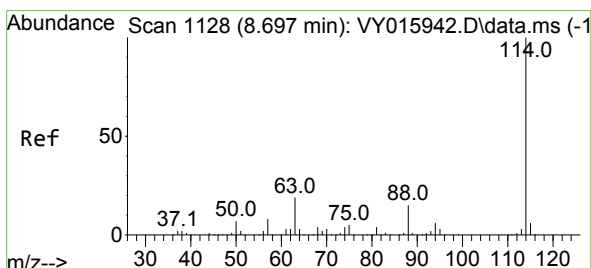
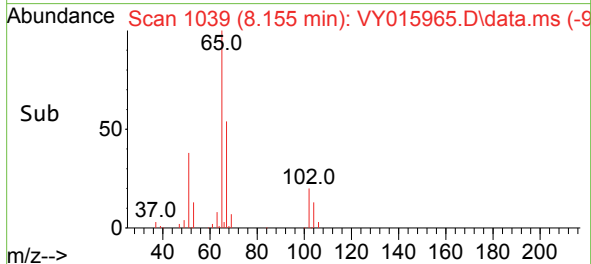
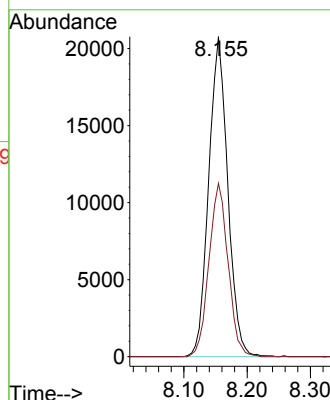
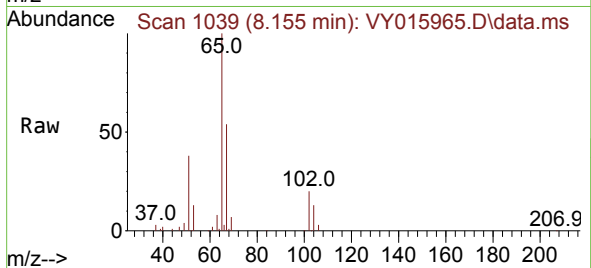
ClientSampleId :

Tgt Ion: 65 Resp: 43481

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015965.D

Acq: 13 Oct 2023 18:13

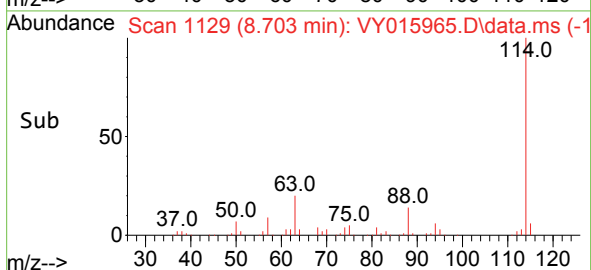
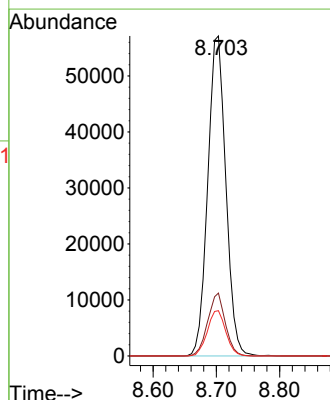
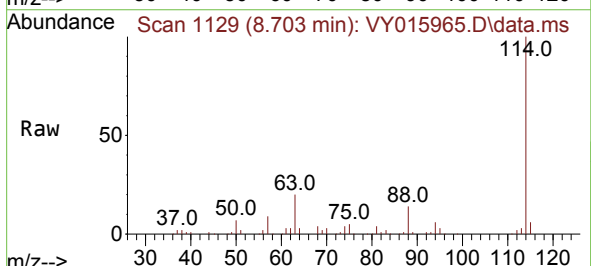
Tgt Ion:114 Resp: 113455

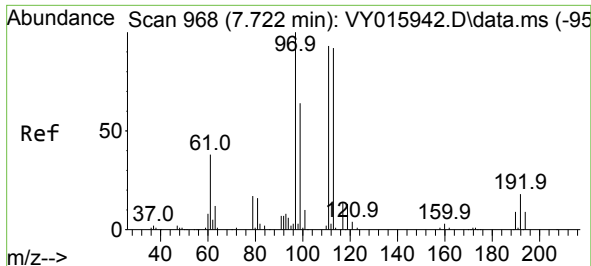
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.2 0.0 30.6

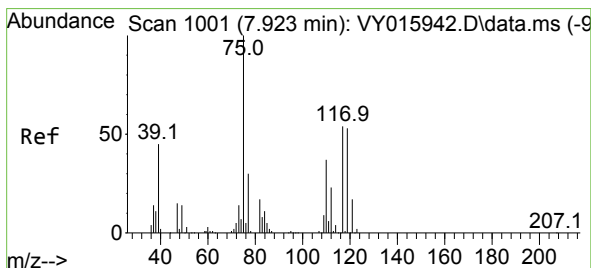
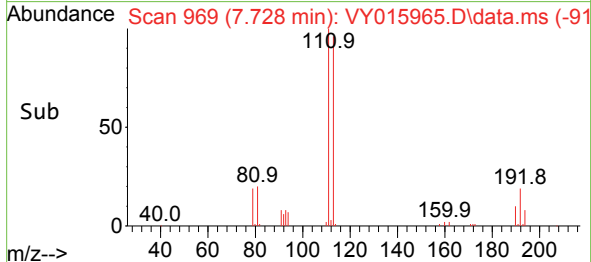
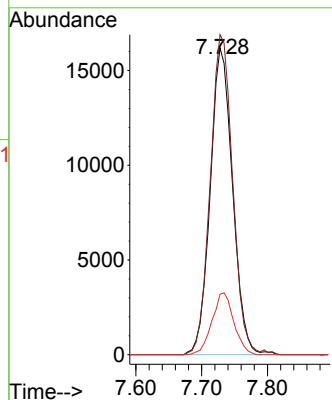
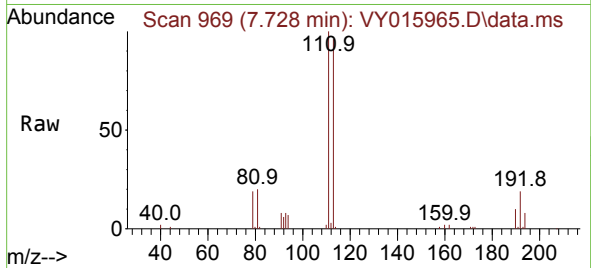




#35
Dibromofluoromethane
Concen: 53.668 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

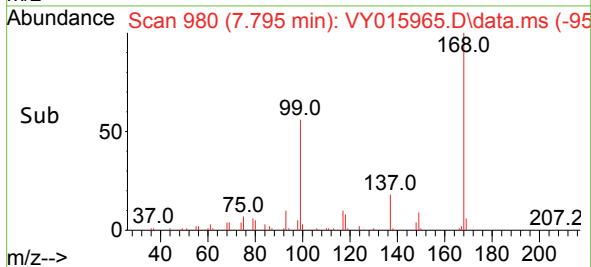
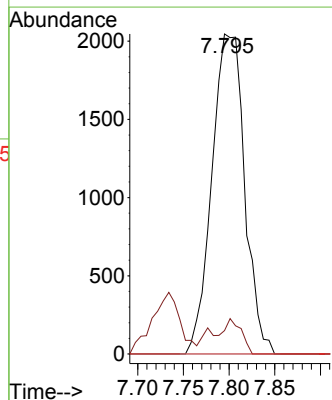
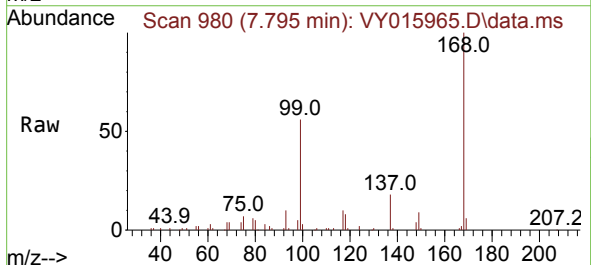
Instrument :
MSVOA_Y
ClientSampleId :

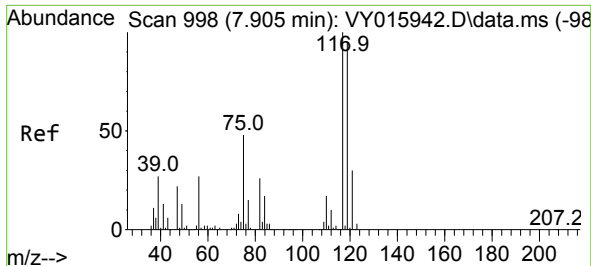
Tgt Ion:113 Resp: 38333
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

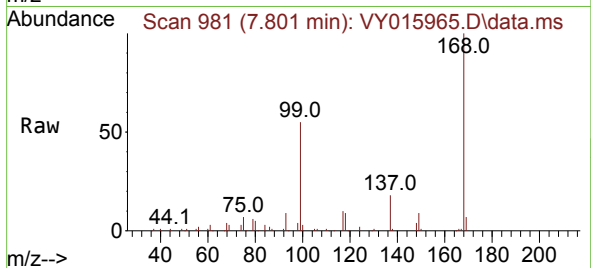
Tgt Ion: 75 Resp: 5102
Ion Ratio Lower Upper
75 100
110 5.7 17.8 53.5#
77 0.0 24.4 36.6#



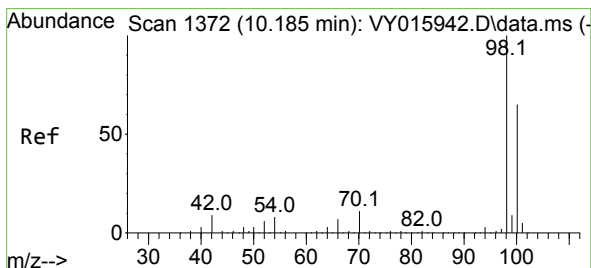
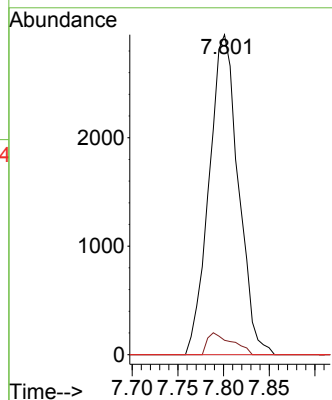
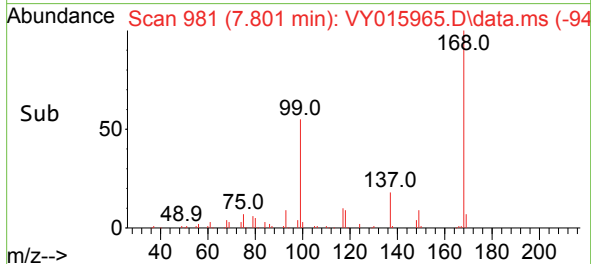


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Instrument :
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ClientSampleId :

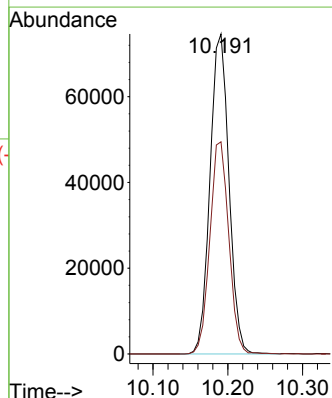
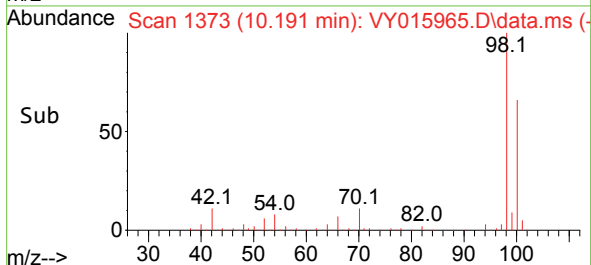
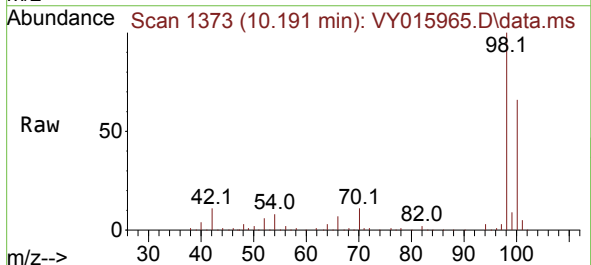


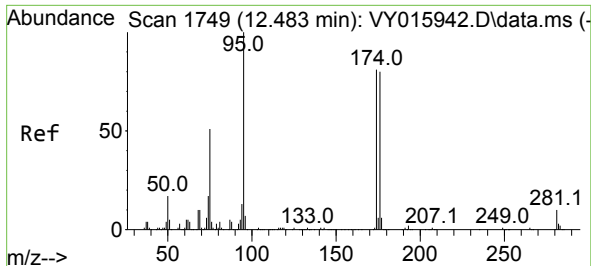
Tgt Ion:117 Resp: 6588
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.040 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 98 Resp: 131174
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1

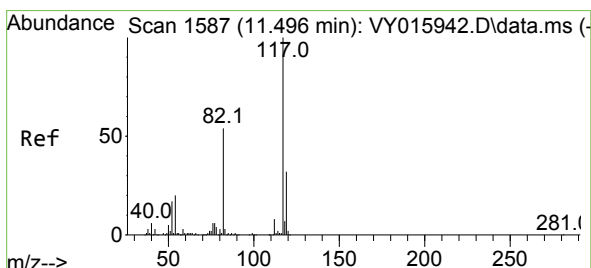
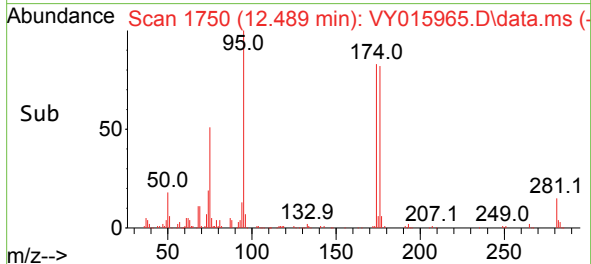
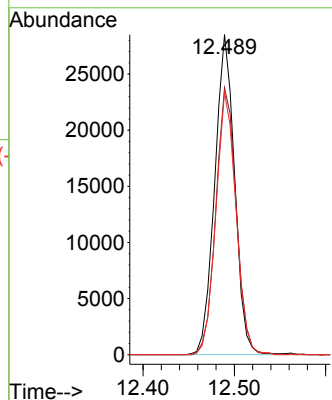
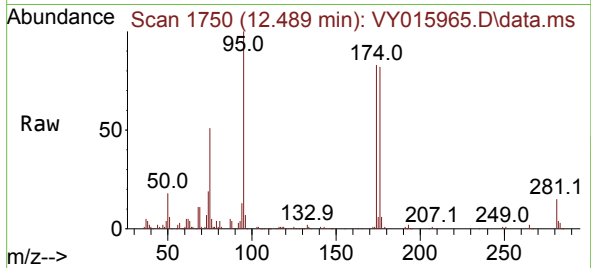




#62
4-Bromofluorobenzene
Concen: 45.321 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

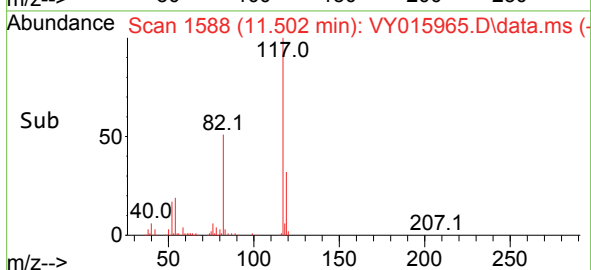
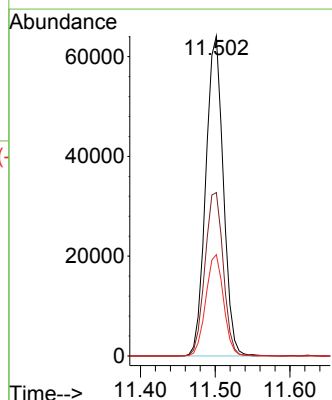
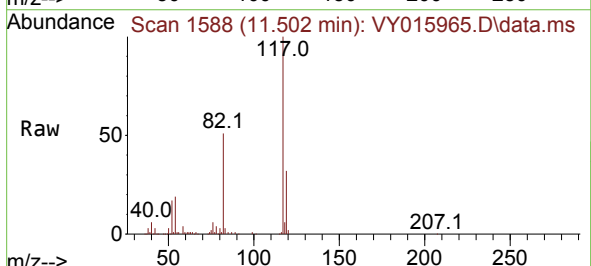
Instrument :
MSVOA_Y
ClientSampleId :

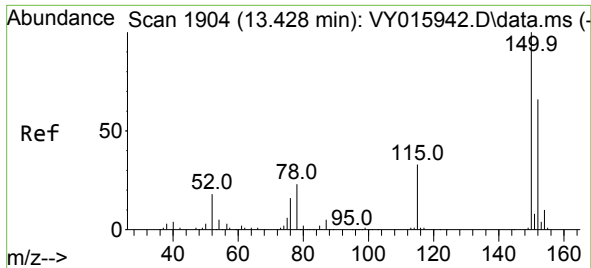
Tgt Ion: 95 Resp: 43167
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 117 Resp: 104827
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 31.7 26.3 39.5

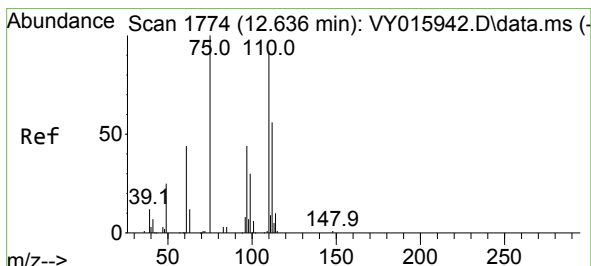
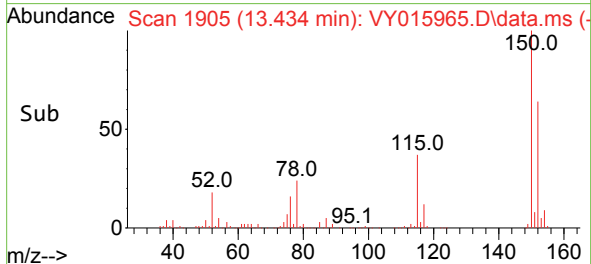
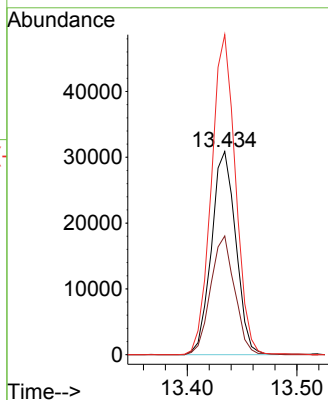
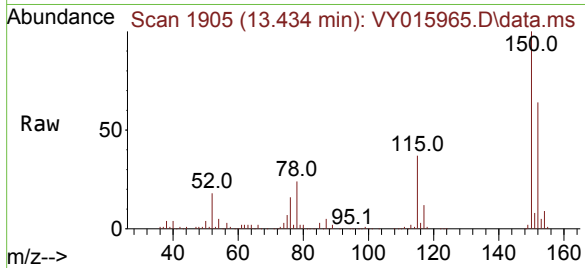




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015965.D
 Acq: 13 Oct 2023 18:13

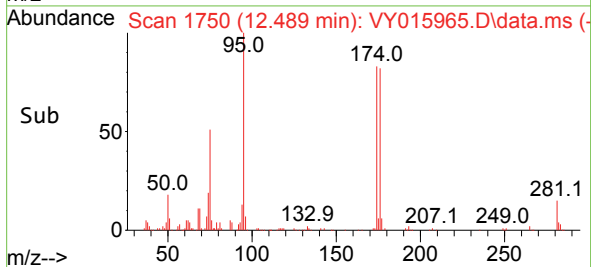
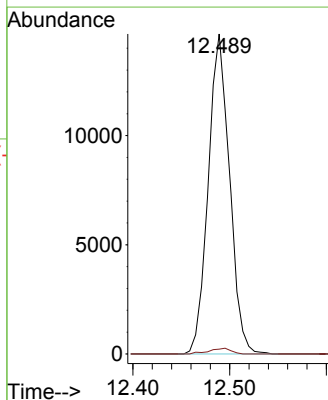
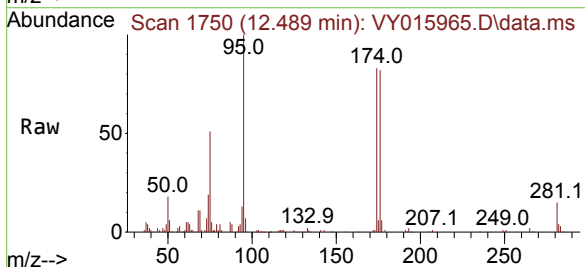
Instrument :
 MSVOA_Y
 ClientSampleId :

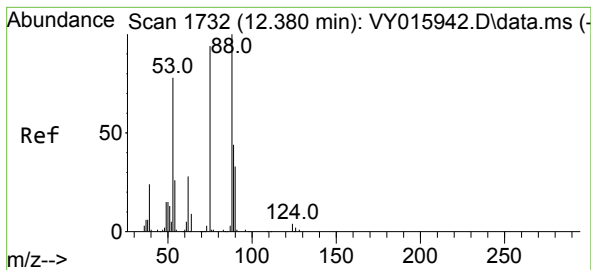
Tgt Ion:152 Resp: 47683
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 156.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 24.032 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY015965.D
 Acq: 13 Oct 2023 18:13

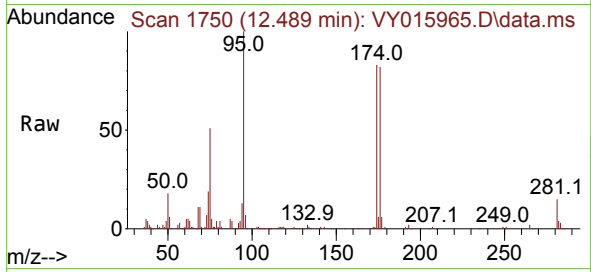
Tgt Ion: 75 Resp: 22426
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.612 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015965.D
 Acq: 13 Oct 2023 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 22426
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

