

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016566.D
 Acq On : 01 Dec 2023 17:23
 Operator : SY/MD
 Sample : 05602-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	105402	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	179665	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	173255	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	81753	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	58606	70.379	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.760%
35) Dibromofluoromethane	7.734	113	55462	52.597	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.191	98	204555	50.016	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.489	95	72621	56.603	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.200%

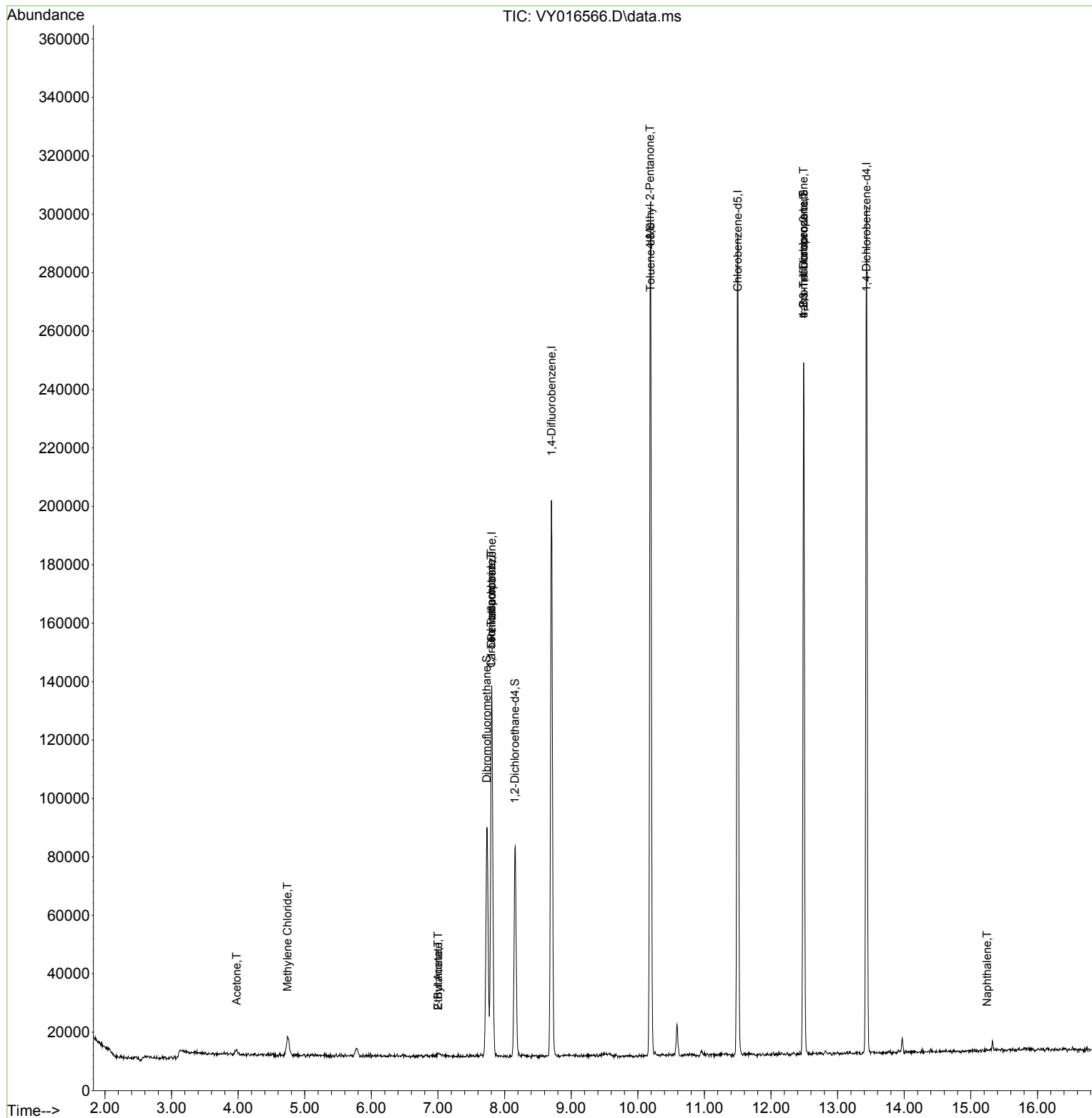
Target Compounds					Qvalue	
16) Acetone	3.979	43	2341	18.474	ug/l #	89
20) Methylene Chloride	4.741	84	5716	3.362	ug/l #	74
25) 2-Butanone	7.002	43	1475	6.565	ug/l #	76
36) 1,1-Dichloropropene	7.801	75	6538	4.199	ug/l #	51
37) Ethyl Acetate	7.002	43	1475	3.022	ug/l #	71
38) Carbon Tetrachloride	7.801	117	10222	5.593	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	697	1.392	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	35460	51.659	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35460	112.667	ug/l #	10
95) Naphthalene	15.245	128	307	5.039	ug/l #	69

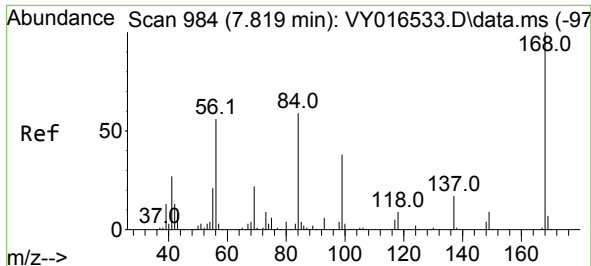
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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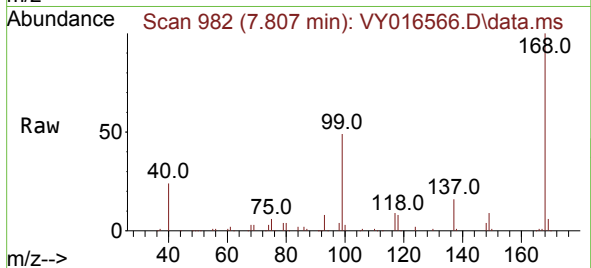
Quant Time: Dec 01 23:40:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
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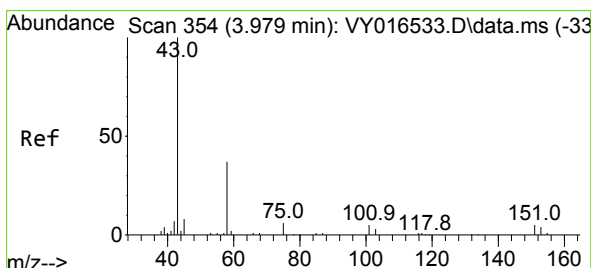
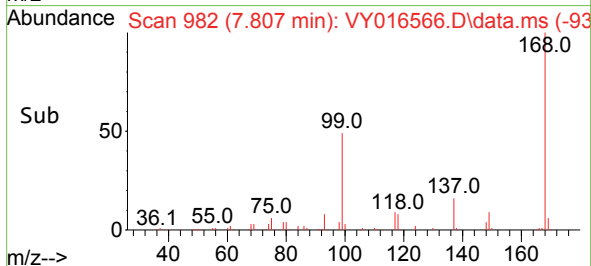
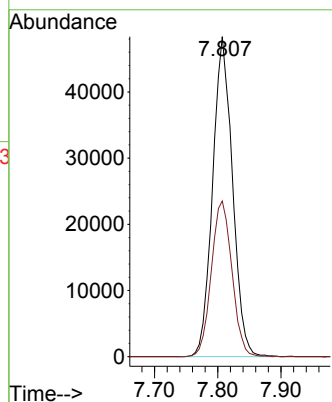


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :

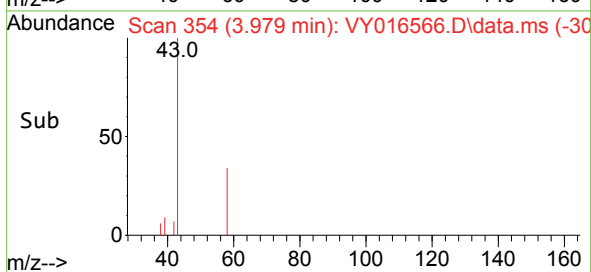
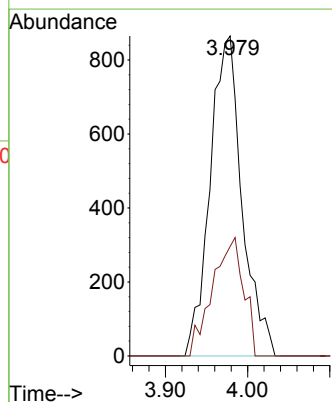
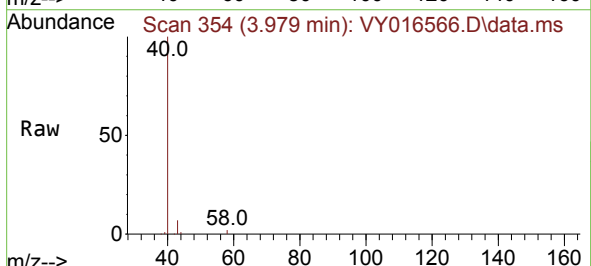


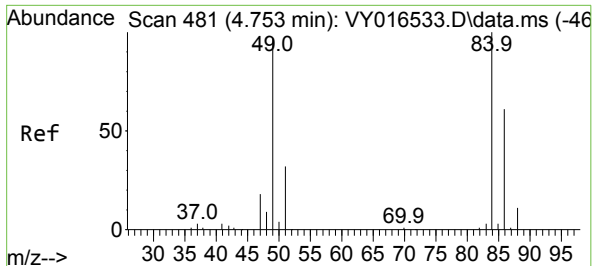
Tgt Ion:168 Resp: 105402
Ion Ratio Lower Upper
168 100
99 48.7 43.4 65.0



#16
Acetone
Concen: 18.474 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#





#20

Methylene Chloride

Concen: 3.362 ug/l

RT: 4.741 min Scan# 41

Delta R.T. -0.012 min

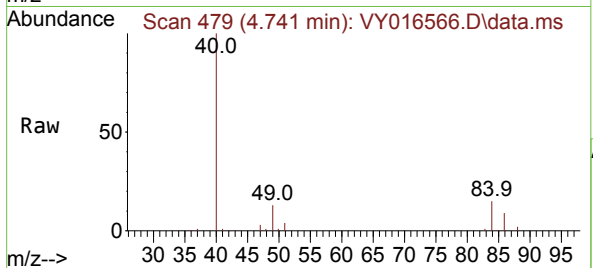
Lab File: VY016566.D

Acq: 01 Dec 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 5716

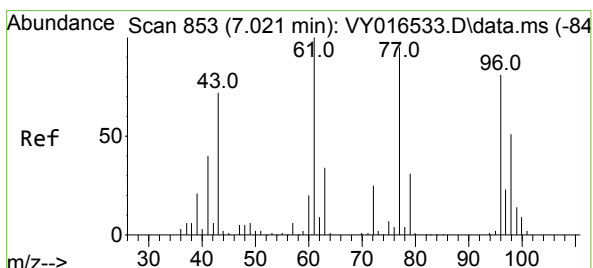
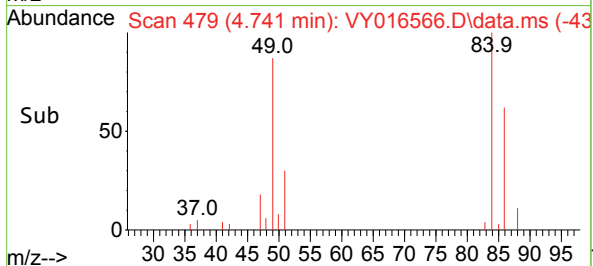
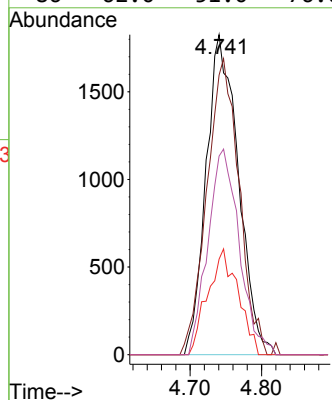
Ion Ratio Lower Upper

84 100

49 87.3 106.9 160.3#

51 29.8 33.2 49.8#

86 62.0 51.0 76.6



#25

2-Butanone

Concen: 6.565 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.018 min

Lab File: VY016566.D

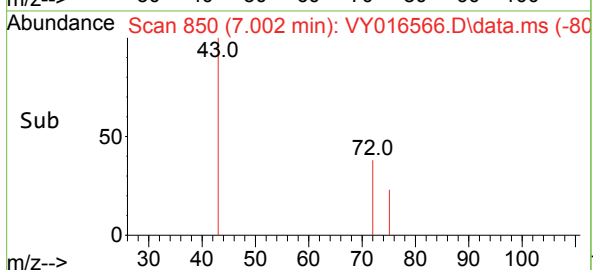
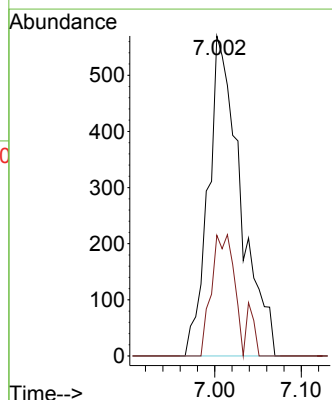
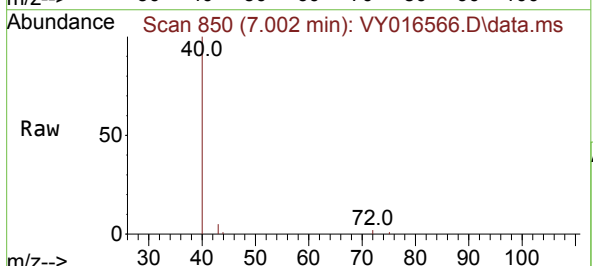
Acq: 01 Dec 2023 17:23

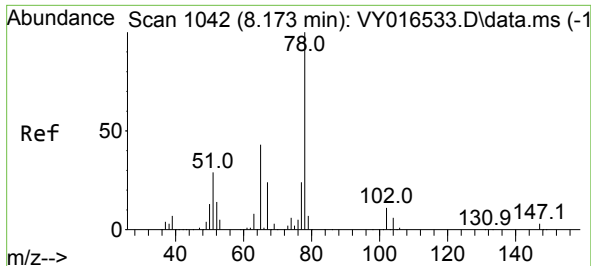
Tgt Ion: 43 Resp: 1475

Ion Ratio Lower Upper

43 100

72 37.7 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 70.379 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY016566.D

Acq: 01 Dec 2023 17:23

Instrument :

MSVOA_Y

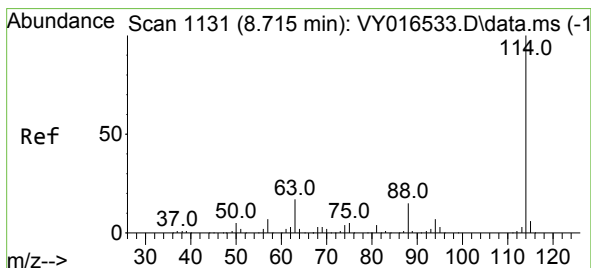
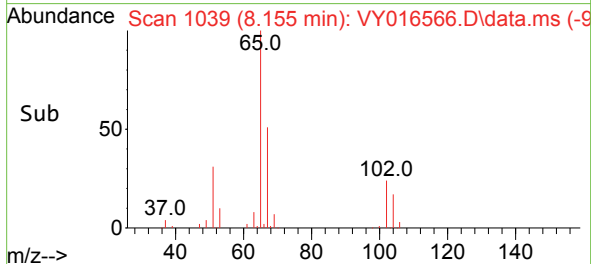
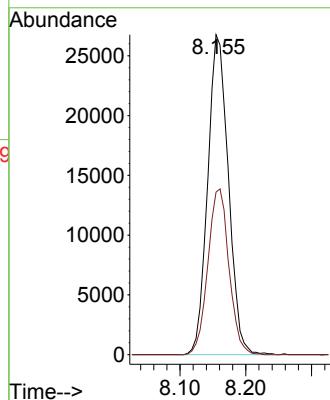
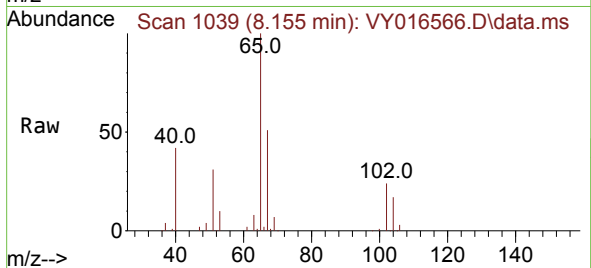
ClientSampleId :

Tgt Ion: 65 Resp: 58606

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016566.D

Acq: 01 Dec 2023 17:23

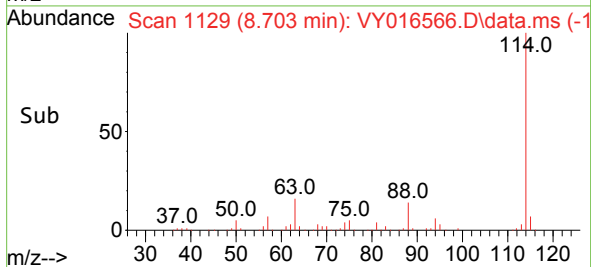
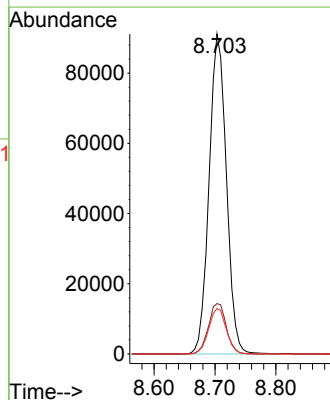
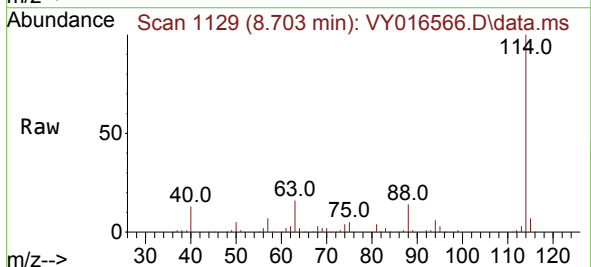
Tgt Ion:114 Resp: 179665

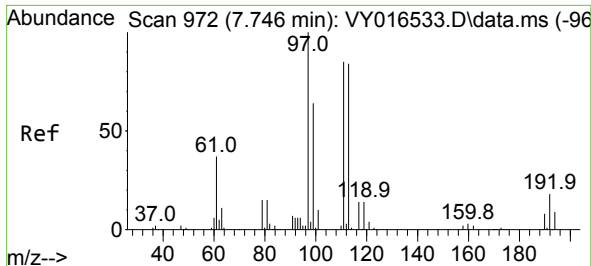
Ion Ratio Lower Upper

114 100

63 15.8 0.0 42.4

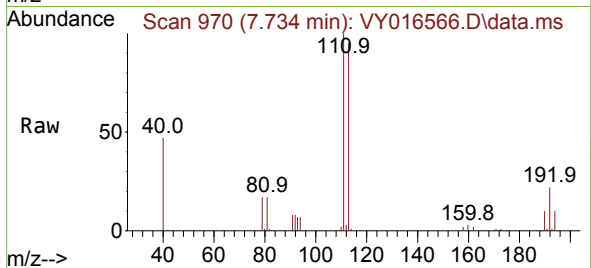
88 14.2 0.0 30.6



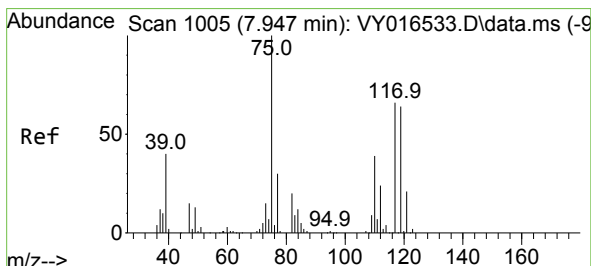
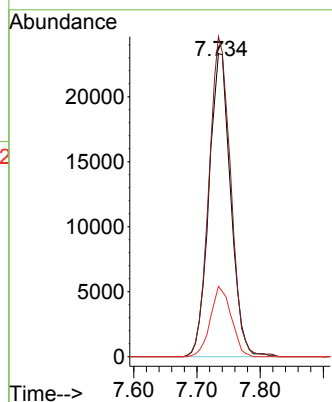
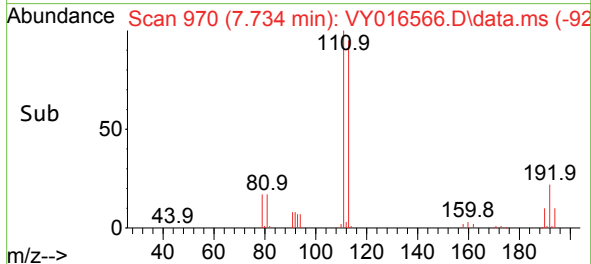


#35
Dibromofluoromethane
Concen: 52.597 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

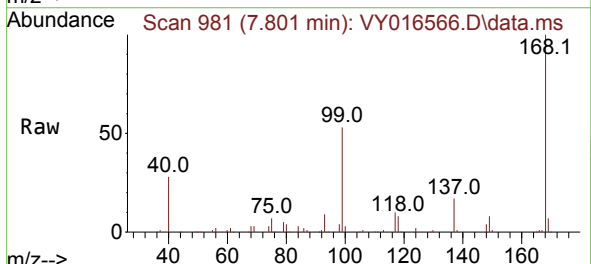
Instrument :
MSVOA_Y
ClientSampleId :



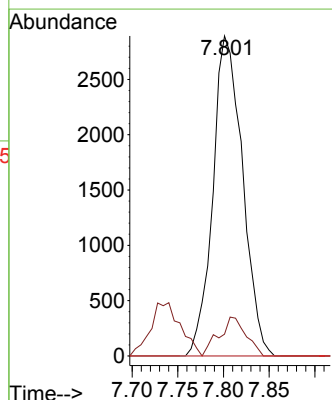
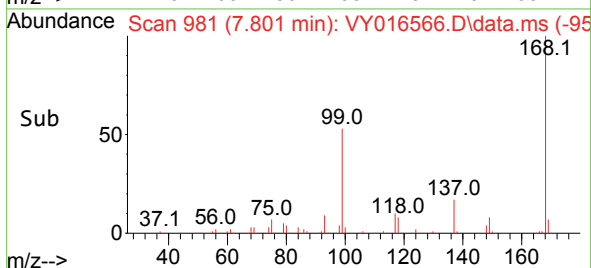
Tgt Ion:113 Resp: 55462
Ion Ratio Lower Upper
113 100
111 105.6 81.3 121.9
192 22.3 16.9 25.3

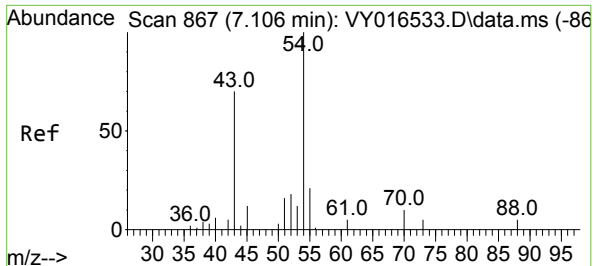


#36
1,1-Dichloropropene
Concen: 4.199 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.146 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23



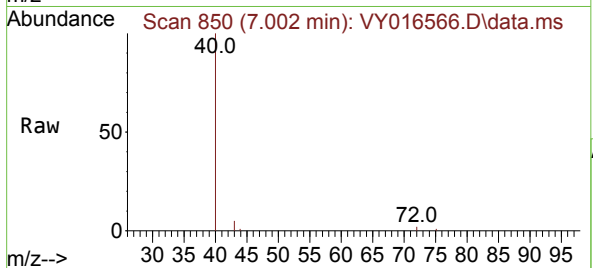
Tgt Ion: 75 Resp: 6538
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.5#
77 0.0 24.4 36.6#



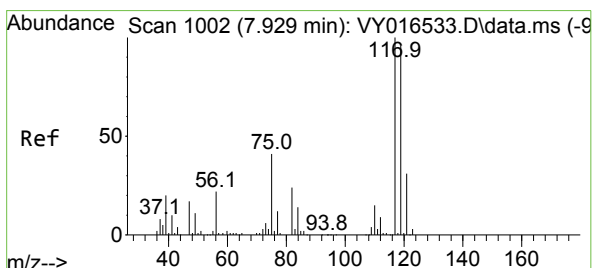
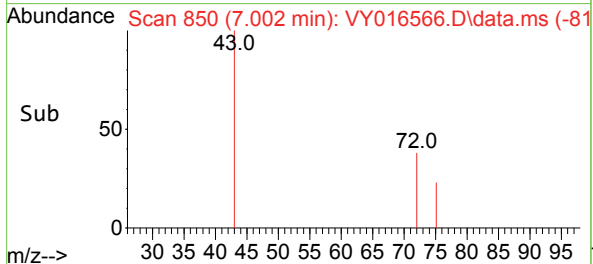
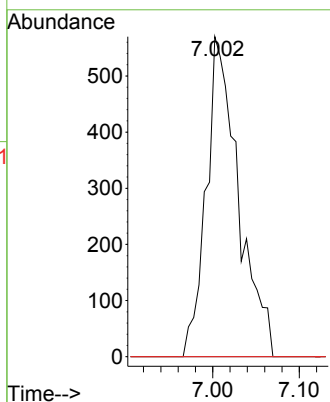


#37
Ethyl Acetate
Concen: 3.022 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.104 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :

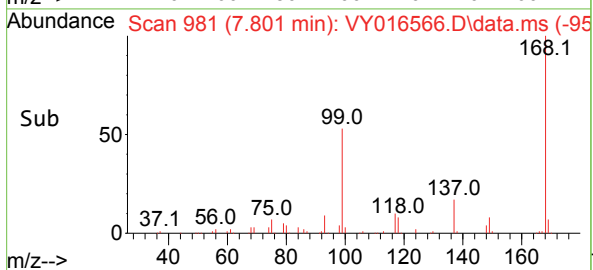
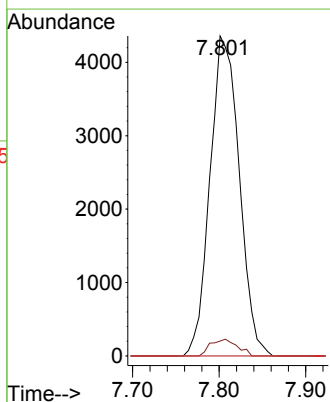
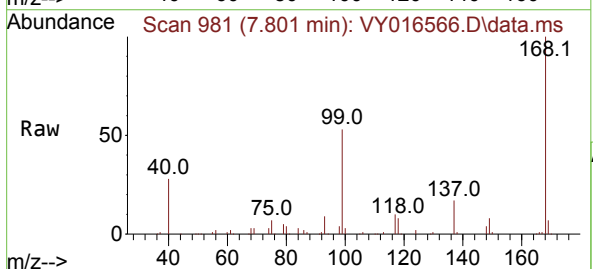


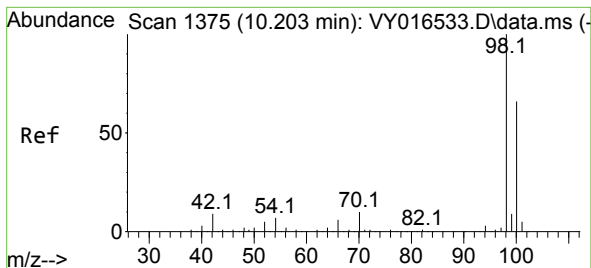
Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

Tgt Ion: 117 Resp: 10222
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.016 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016566.D

Acq: 01 Dec 2023 17:23

Instrument :

MSVOA_Y

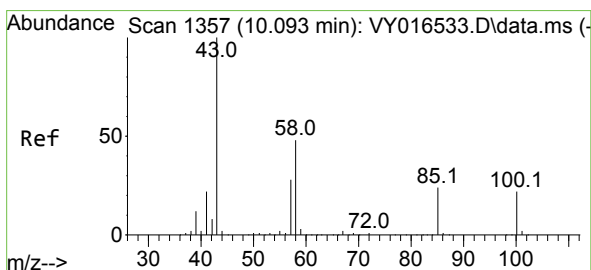
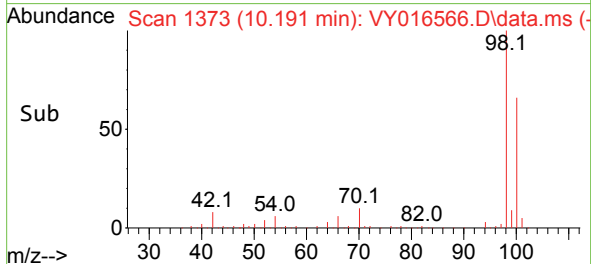
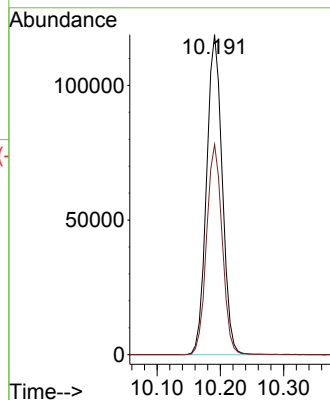
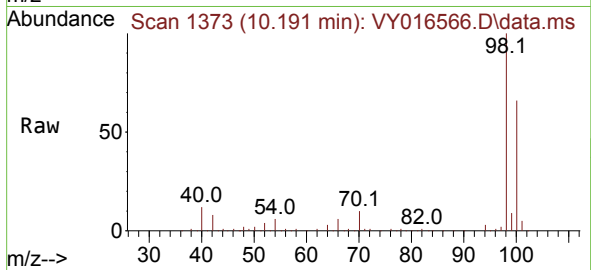
ClientSampleId :

Tgt Ion: 98 Resp: 204555

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.392 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.091 min

Lab File: VY016566.D

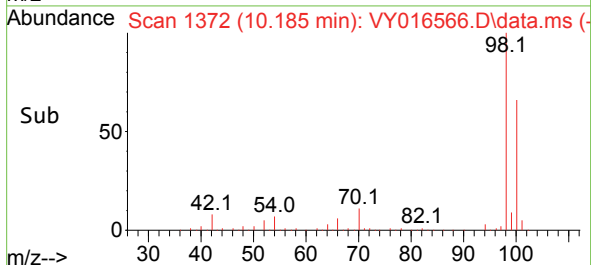
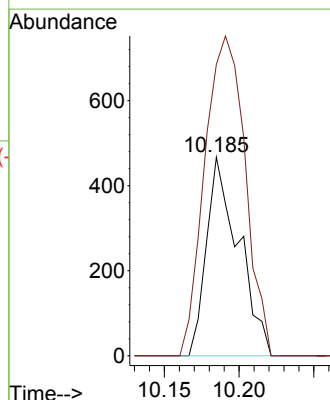
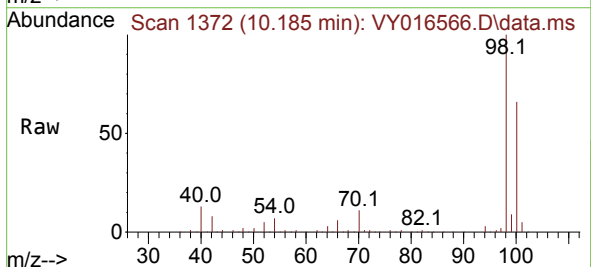
Acq: 01 Dec 2023 17:23

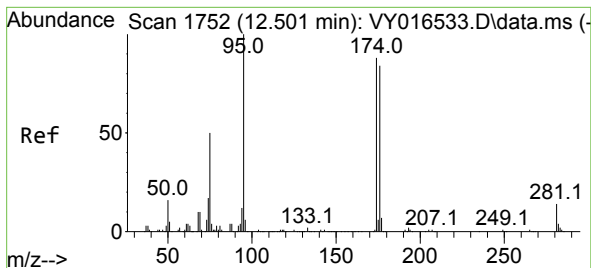
Tgt Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

58 202.9 29.0 43.6#

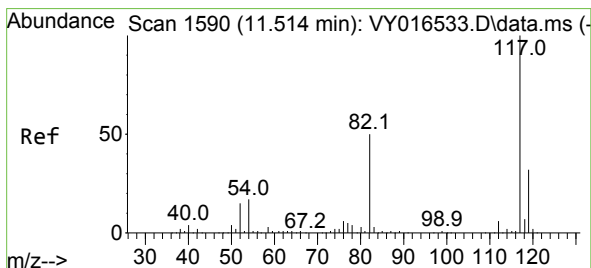
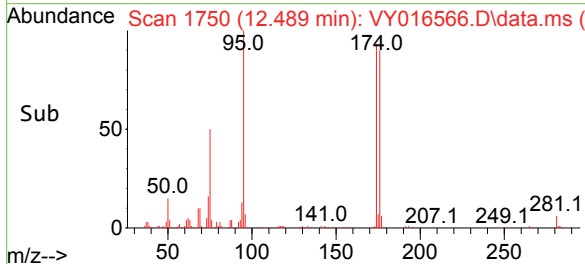
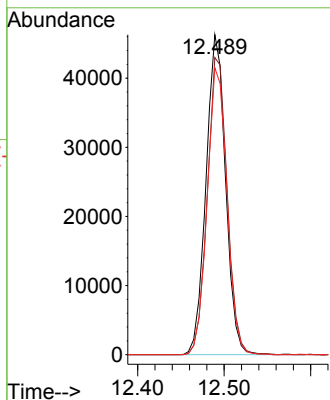
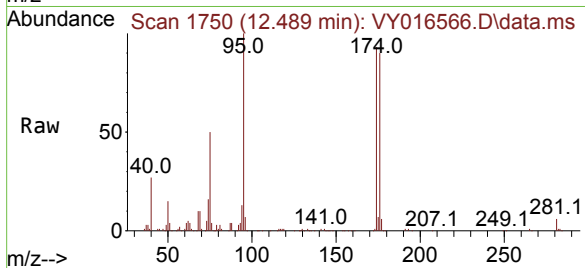




#62
4-Bromofluorobenzene
Concen: 56.603 ug/l
RT: 12.489 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

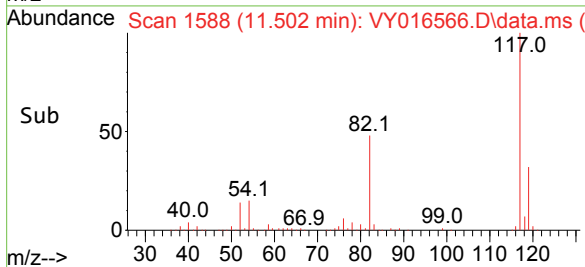
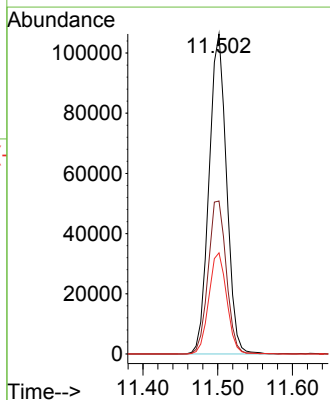
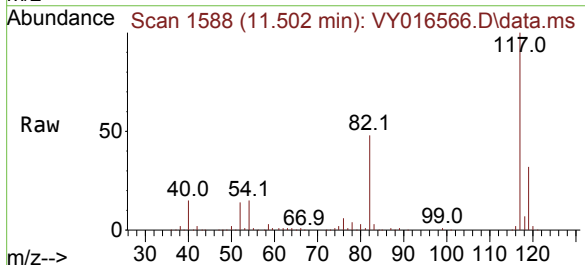
Instrument :
MSVOA_Y
ClientSampleId :

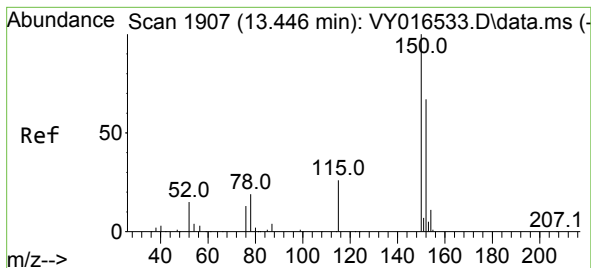
Tgt Ion: 95 Resp: 72621
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 90.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.012 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

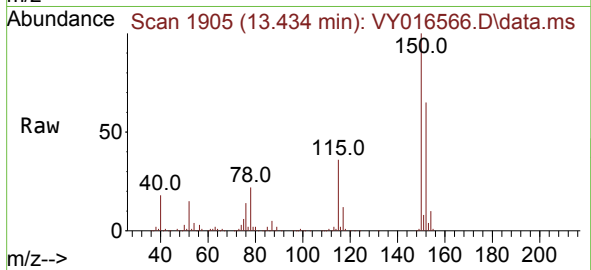
Tgt Ion: 117 Resp: 173255
Ion Ratio Lower Upper
117 100
82 47.8 43.4 65.0
119 31.6 26.3 39.5



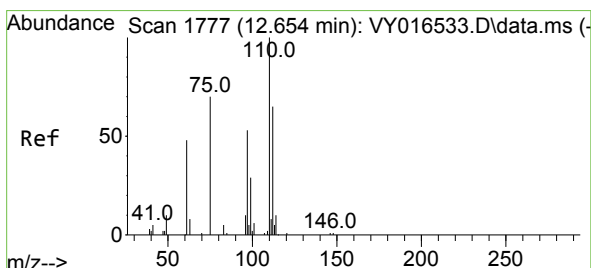
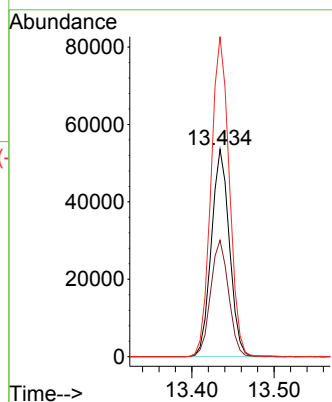
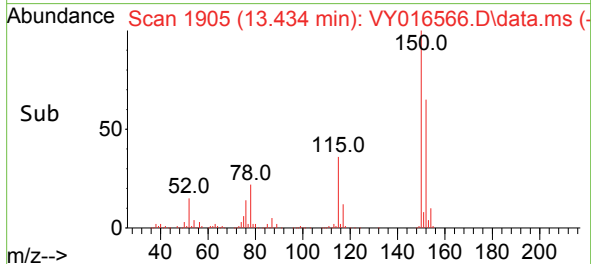


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1907
 Delta R.T. -0.012 min
 Lab File: VY016566.D
 Acq: 01 Dec 2023 17:23

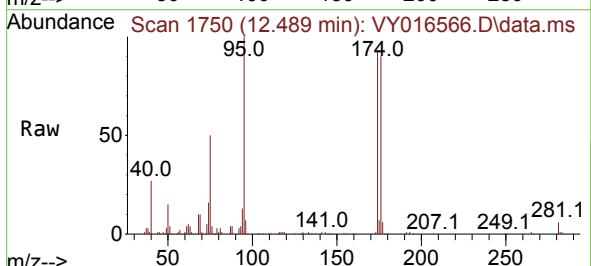
Instrument :
 MSVOA_Y
 ClientSampleId :



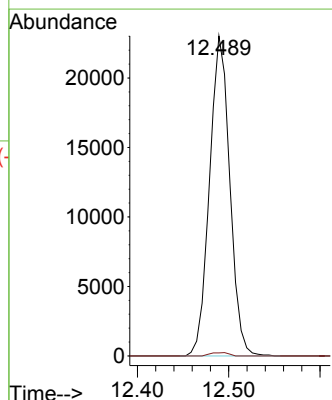
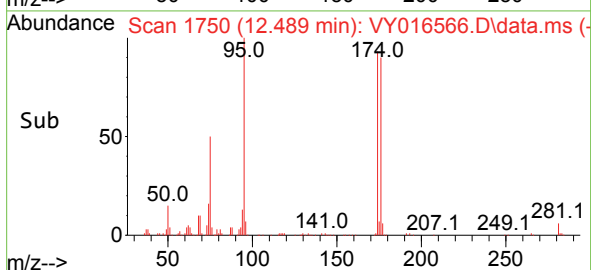
Tgt Ion:152 Resp: 81753
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.8 86.5
 150 156.2 0.0 348.8

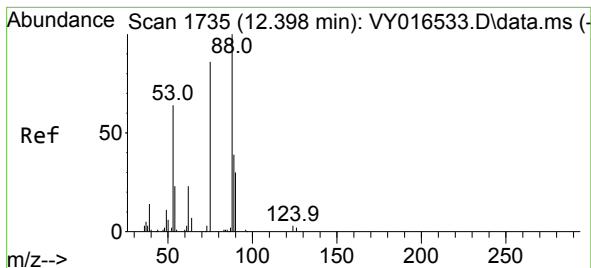


#76
 1,2,3-Trichloropropane
 Concen: 51.659 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.165 min
 Lab File: VY016566.D
 Acq: 01 Dec 2023 17:23



Tgt Ion: 75 Resp: 35460
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

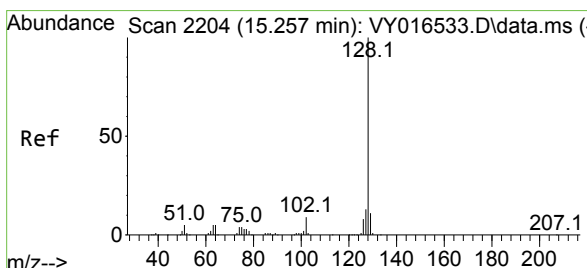
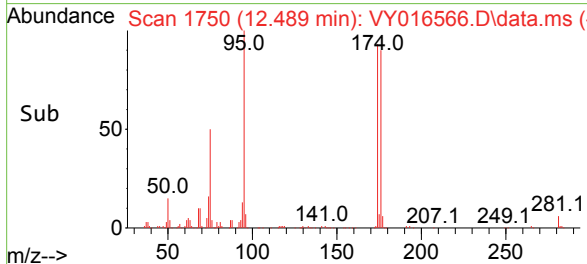
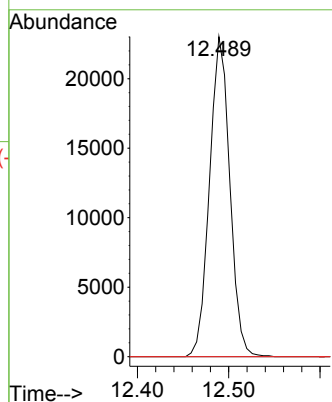
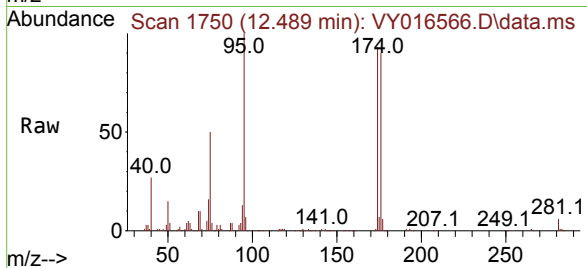




#81
trans-1,4-Dichloro-2-butene
Concen: 112.667 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35460
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 5.039 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.012 min
Lab File: VY016566.D
Acq: 01 Dec 2023 17:23

Tgt Ion:128 Resp: 307
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

