

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016613.D
 Acq On : 06 Dec 2023 14:10
 Operator : SY/MD
 Sample : 05599-01RE
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:33:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

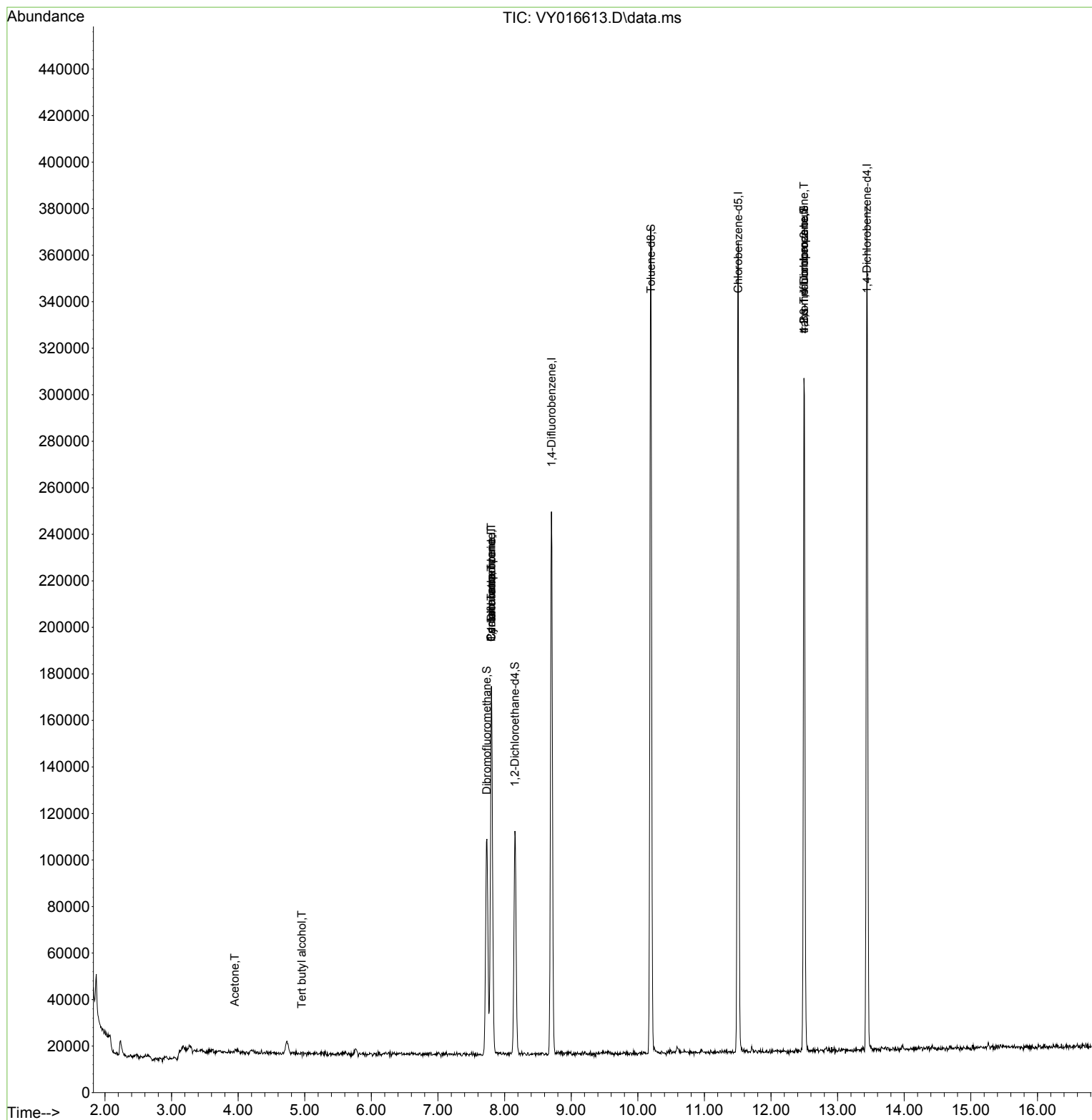
Internal Standards						
1) Pentafluorobenzene	7.801	168	126813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	207588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	202754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	94577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81132	69.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.440%	
35) Dibromofluoromethane	7.734	113	65384	52.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.197	98	240754	50.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.495	95	85458	54.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	259	3.243	ug/l #	89
16) Acetone	3.948	43	839	3.163	ug/l #	83
20) Methylene Chloride	4.741	84	3778	Below Cal	#	83
31) Cyclohexane	7.801	56	2417	1.208	ug/l #	40
36) 1,1-Dichloropropene	7.801	75	8375	4.410	ug/l #	53
38) Carbon Tetrachloride	7.801	117	12454	5.665	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	46020	53.866	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	46020	121.511	ug/l #	10
95) Naphthalene	15.251	128	1101	Below Cal	#	78
96) 1,2,3-Trichlorobenzene	15.440	180	214	Below Cal		66

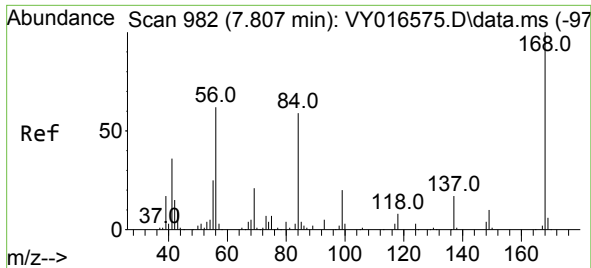
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
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ClientSampleId :

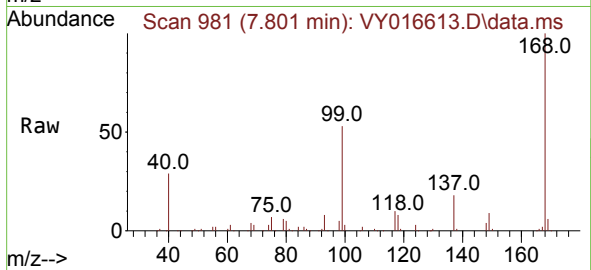
Quant Time: Dec 07 00:33:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration



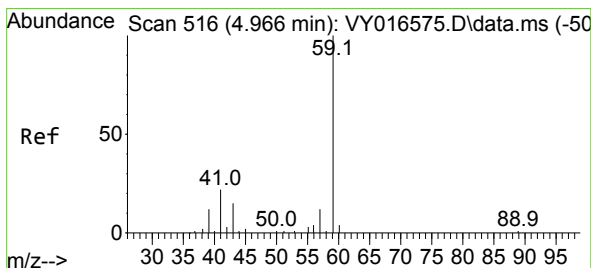
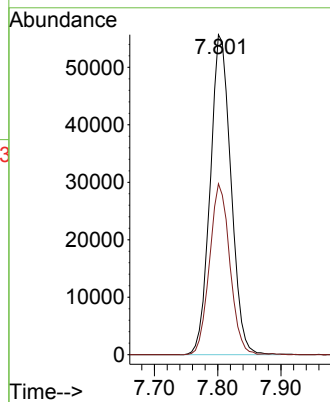
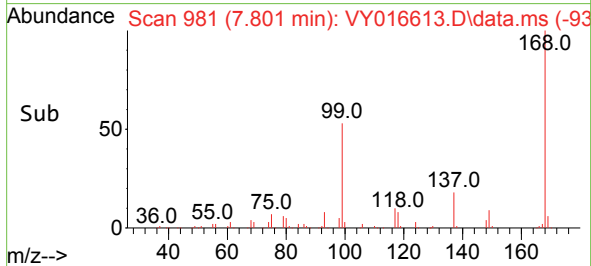


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Instrument :
MSVOA_Y
ClientSampleId :

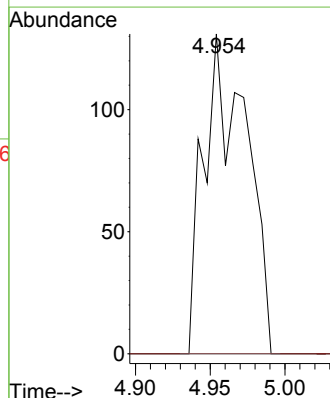
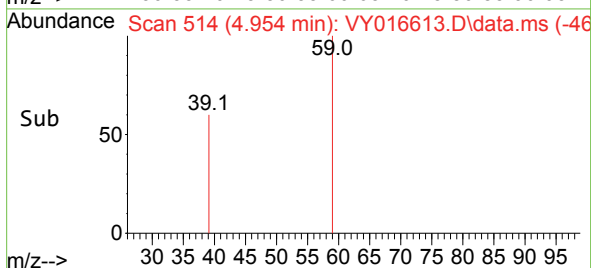
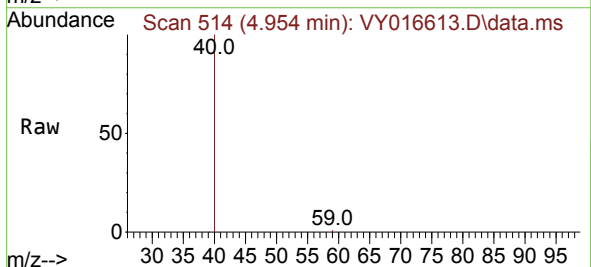


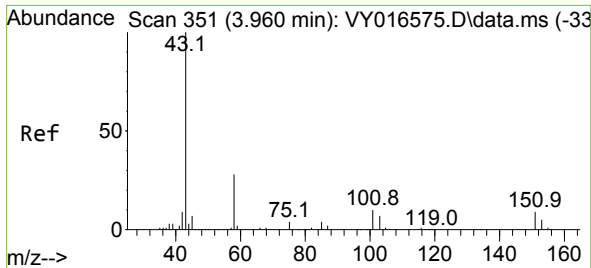
Tgt Ion:168 Resp: 126813
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.243 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 3.163 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY016613.D

Acq: 06 Dec 2023 14:10

Instrument :

MSVOA_Y

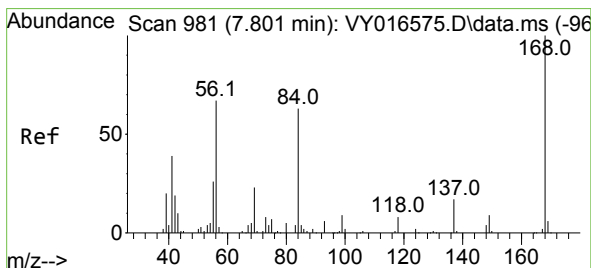
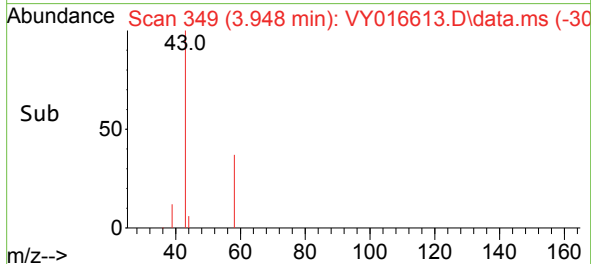
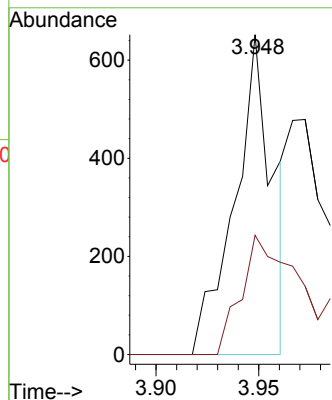
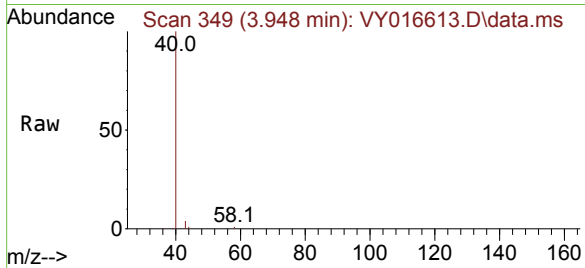
ClientSampleId :

Tgt Ion: 43 Resp: 839

Ion Ratio Lower Upper

43 100

58 37.3 22.7 34.1#



#31

Cyclohexane

Concen: 1.208 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY016613.D

Acq: 06 Dec 2023 14:10

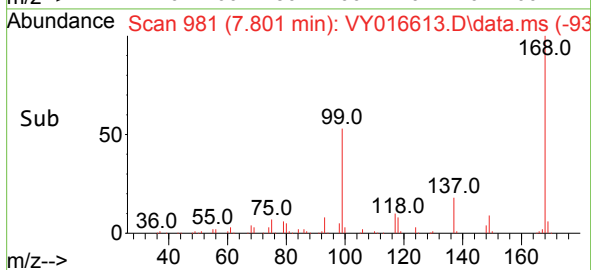
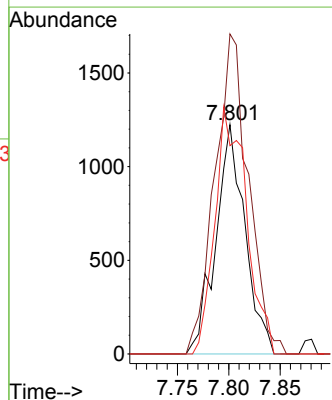
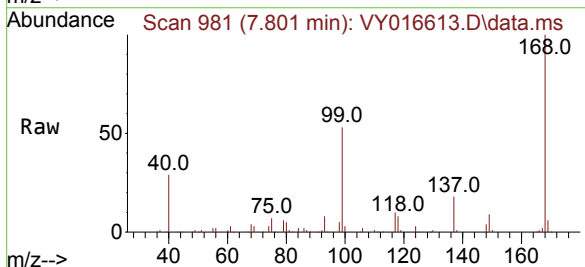
Tgt Ion: 56 Resp: 2417

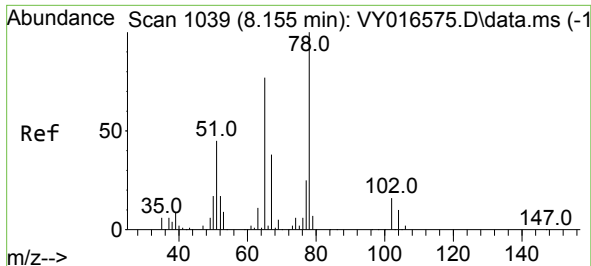
Ion Ratio Lower Upper

56 100

69 139.5 27.8 41.6#

84 90.8 66.4 99.6

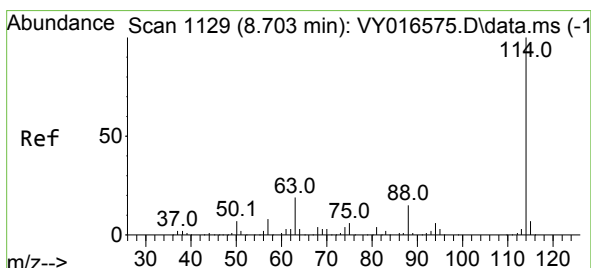
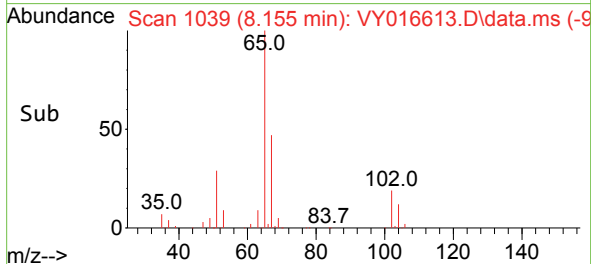
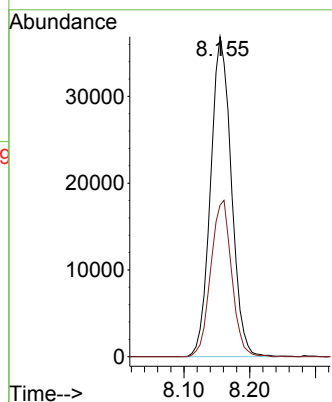
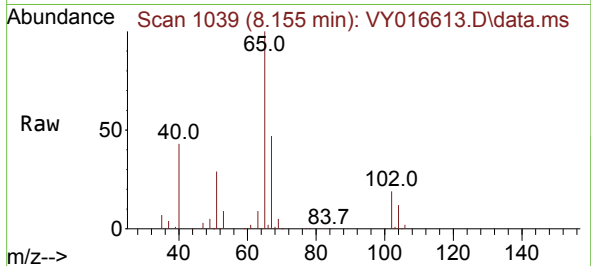




#33
 1,2-Dichloroethane-d4
 Concen: 69.220 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016613.D
 Acq: 06 Dec 2023 14:10

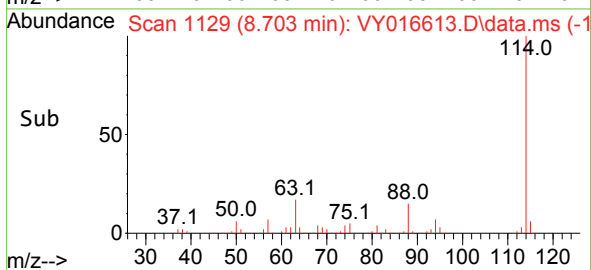
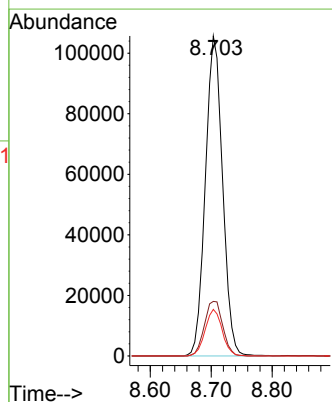
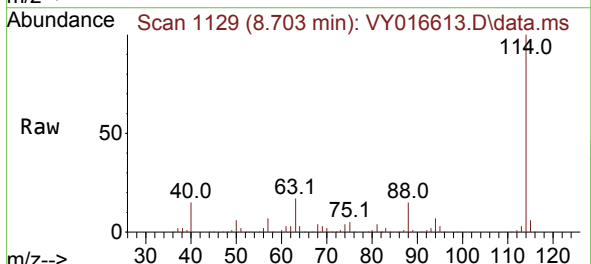
Instrument :
 MSVOA_Y
 ClientSampleId :

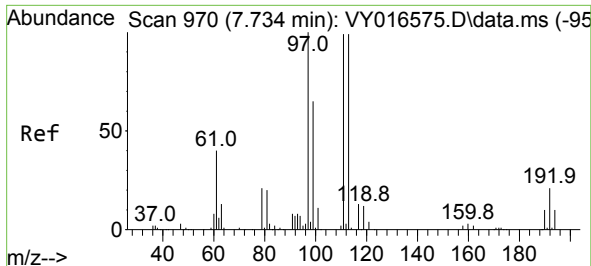
Tgt Ion: 65 Resp: 81132
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016613.D
 Acq: 06 Dec 2023 14:10

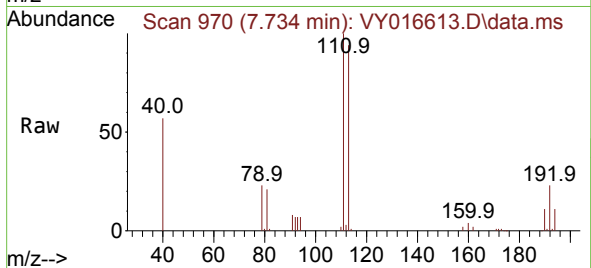
Tgt Ion: 114 Resp: 207588
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.6 0.0 30.6



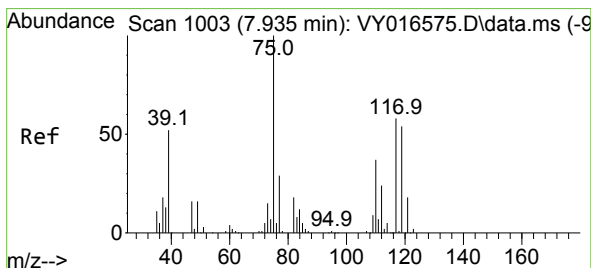
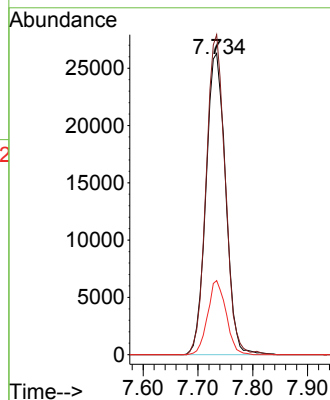
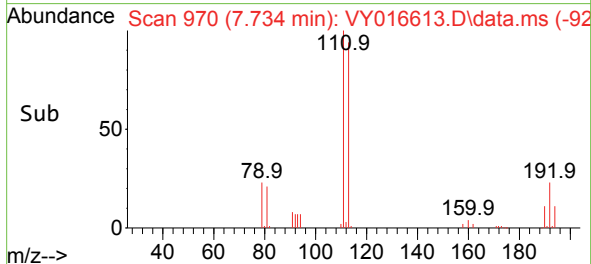


#35
Dibromofluoromethane
Concen: 52.338 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Instrument :
MSVOA_Y
ClientSampleId :

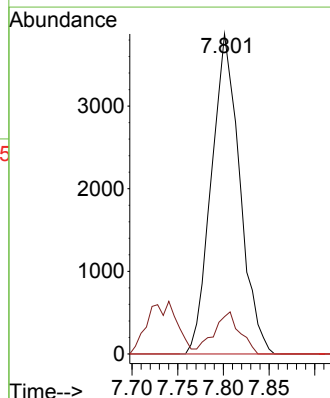
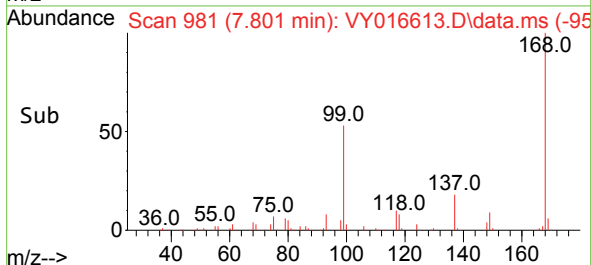
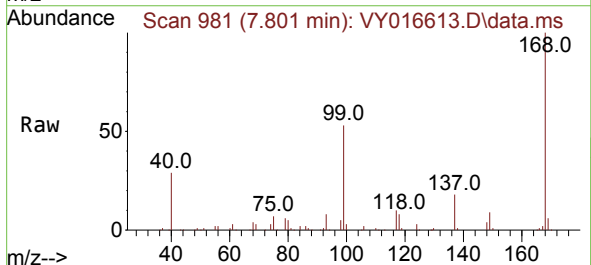


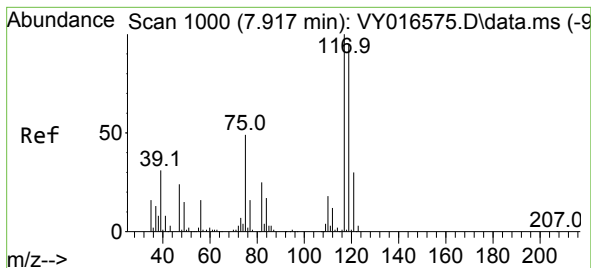
Tgt Ion:113 Resp: 65384
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 23.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Tgt Ion: 75 Resp: 8375
Ion Ratio Lower Upper
75 100
110 12.2 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.665 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

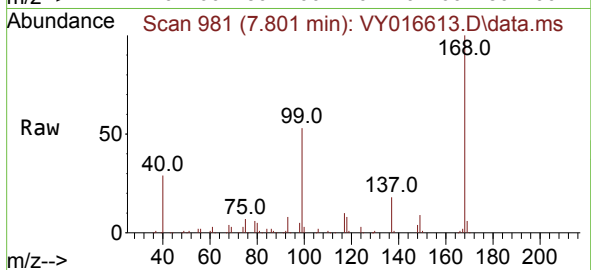
Lab File: VY016613.D

Acq: 06 Dec 2023 14:10

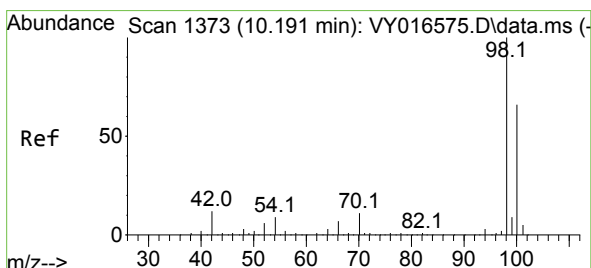
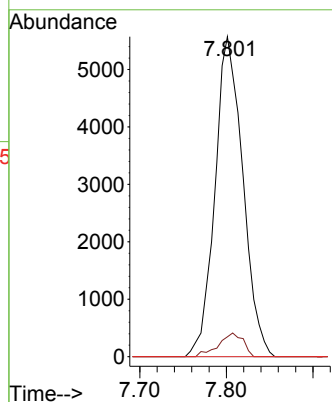
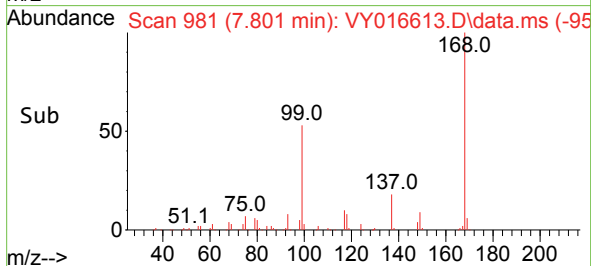
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	12454
Ion	Ratio	Lower Upper
117	100	
119	6.2	76.4 114.6#
121	0.0	25.8 38.6#



#50

Toluene-d8

Concen: 50.949 ug/l

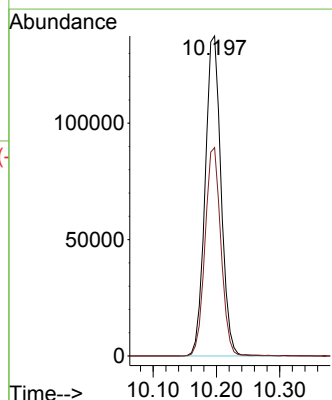
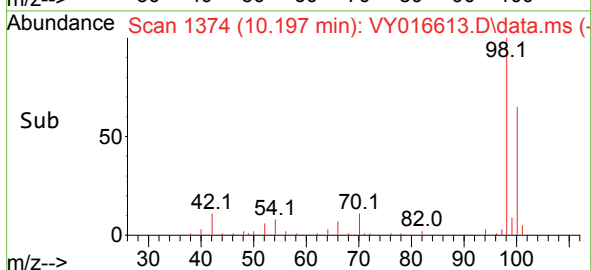
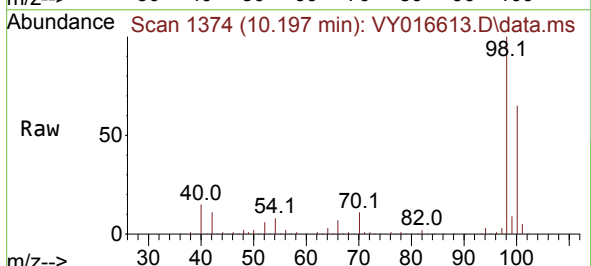
RT: 10.197 min Scan# 1374

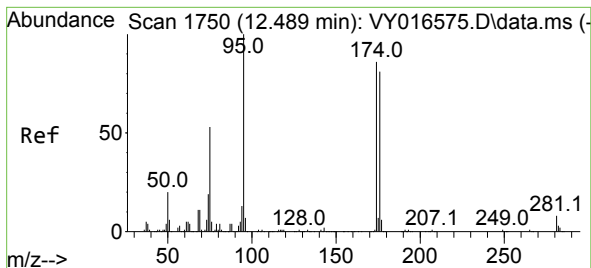
Delta R.T. 0.006 min

Lab File: VY016613.D

Acq: 06 Dec 2023 14:10

Tgt Ion: 98	Resp:	240754
Ion	Ratio	Lower Upper
98	100	
100	64.8	50.1 75.1

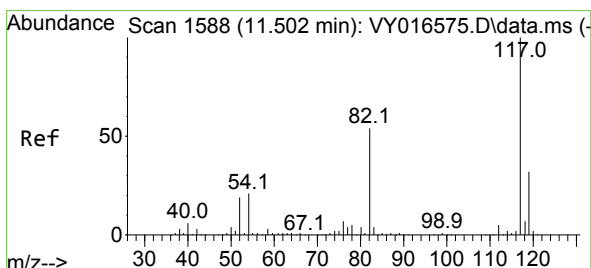
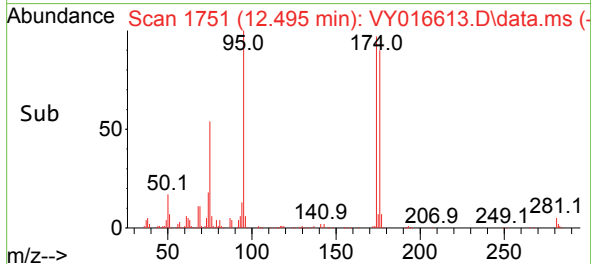
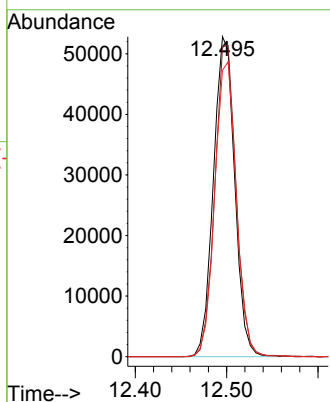
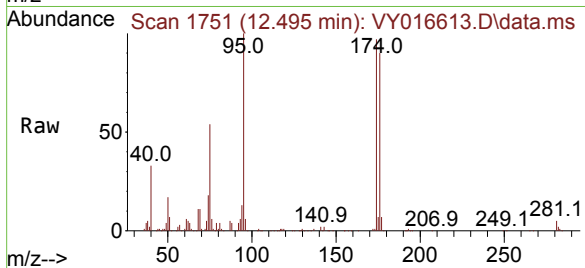




#62
4-Bromofluorobenzene
Concen: 54.993 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

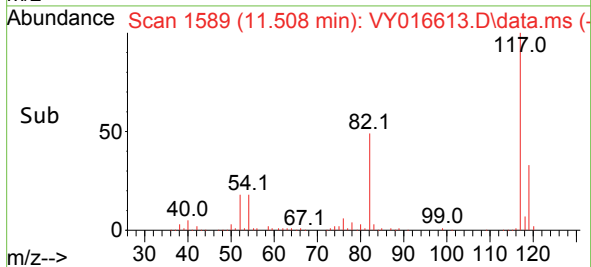
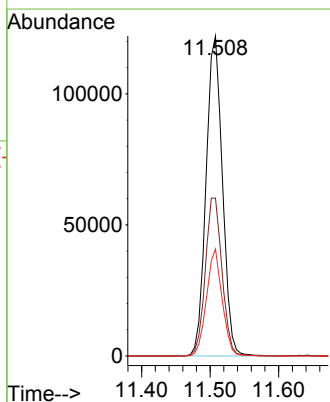
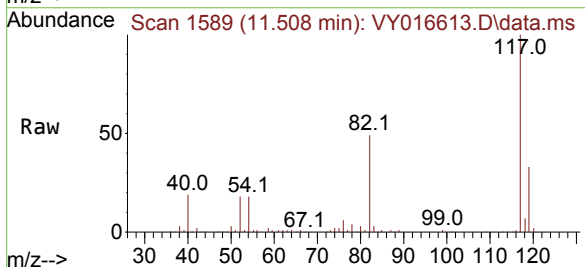
Instrument :
MSVOA_Y
ClientSampleId :

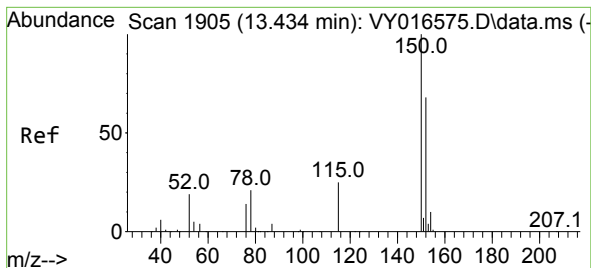
Tgt Ion:	95	Resp:	85458
Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	178.2
176	93.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

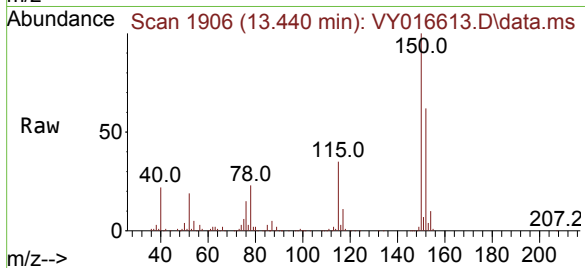
Tgt Ion:	117	Resp:	202754
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.4	65.0
119	33.5	26.3	39.5



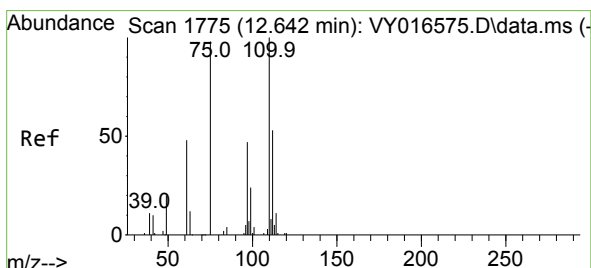
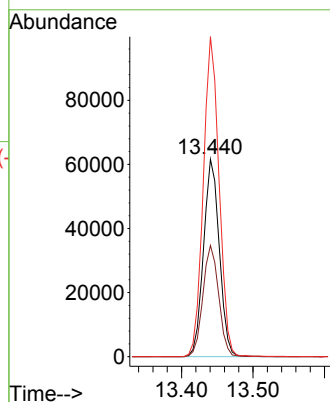
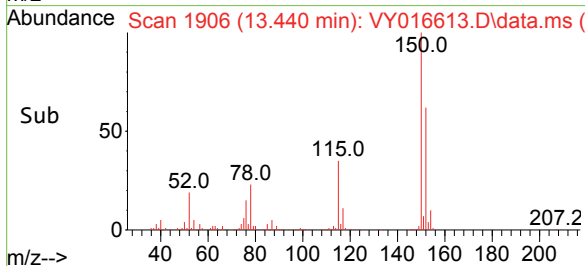


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016613.D
 Acq: 06 Dec 2023 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :

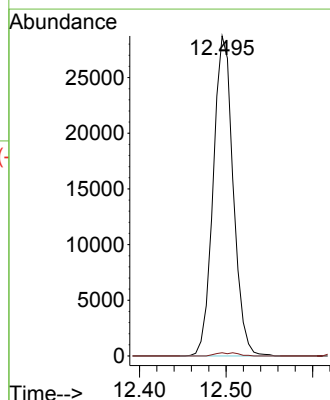
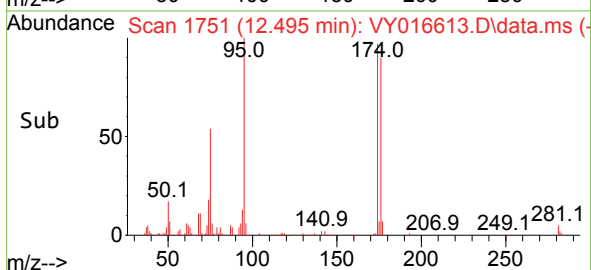
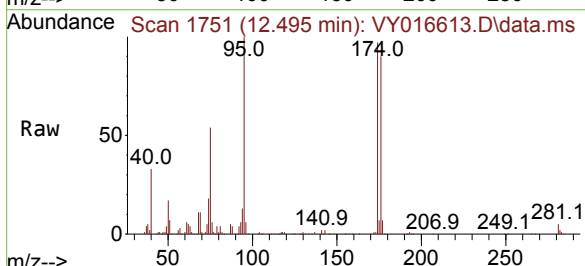


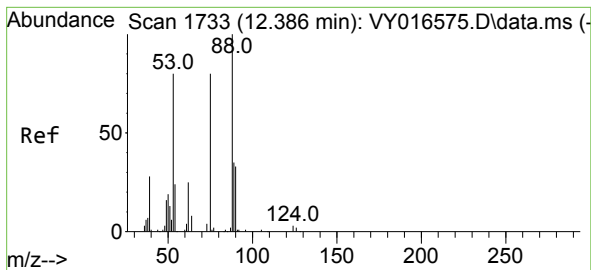
Tgt Ion:152 Resp: 94577
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.8 86.5
 150 161.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 53.866 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.146 min
 Lab File: VY016613.D
 Acq: 06 Dec 2023 14:10

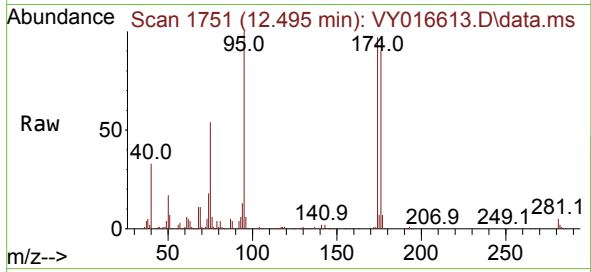
Tgt Ion: 75 Resp: 46020
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.511 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016613.D
 Acq: 06 Dec 2023 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :



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

