

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015226.D
 Acq On : 21 Aug 2023 18:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

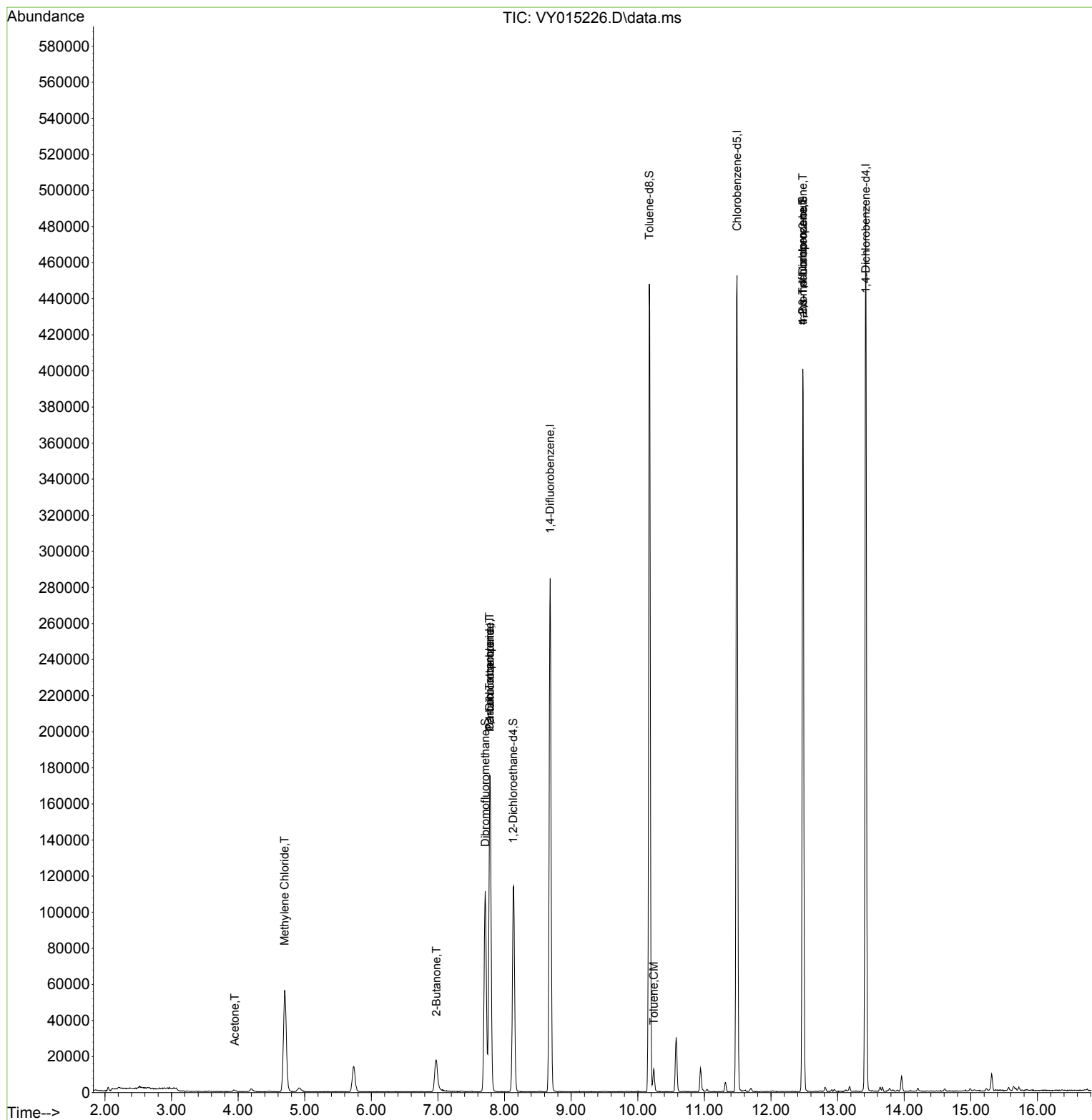
Internal Standards						
1) Pentafluorobenzene	7.783	168	139063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	91306	54.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.400%	
35) Dibromofluoromethane	7.710	113	77583	48.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.173	98	296585	49.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.477	95	113087	51.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	431	Below Cal	#	81
5) Bromomethane	2.625	94	78	Below Cal	#	2
11) Tert butyl alcohol	4.918	59	3056	Below Cal	#	89
16) Acetone	3.948	43	1706	3.128	ug/l #	87
20) Methylene Chloride	4.698	84	43088	31.341	ug/l	93
25) 2-Butanone	6.978	43	1168	1.513	ug/l #	89
31) Cyclohexane	7.777	56	3069	Below Cal	#	16
36) 1,1-Dichloropropene	7.777	75	11058	6.235	ug/l #	50
38) Carbon Tetrachloride	7.777	117	13894	6.620	ug/l #	16
52) Toluene	10.240	92	5148	1.457	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	62018	41.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62018	90.891	ug/l #	11

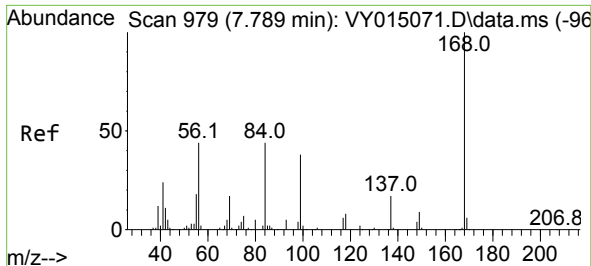
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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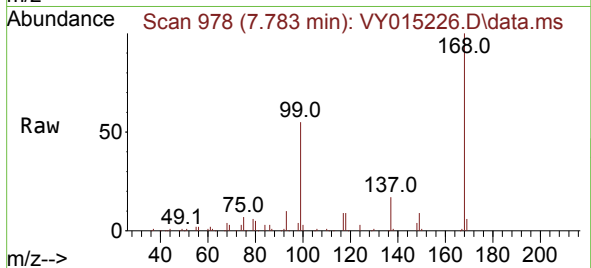
Quant Time: Aug 22 01:57:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration



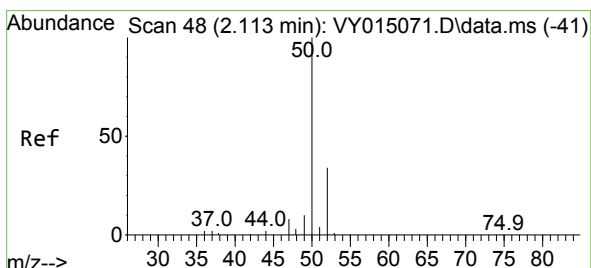
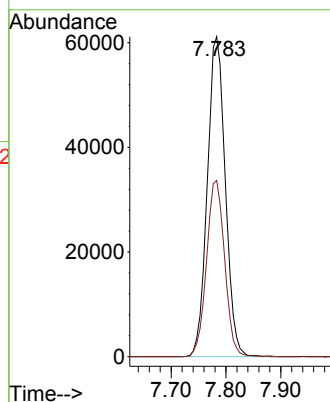
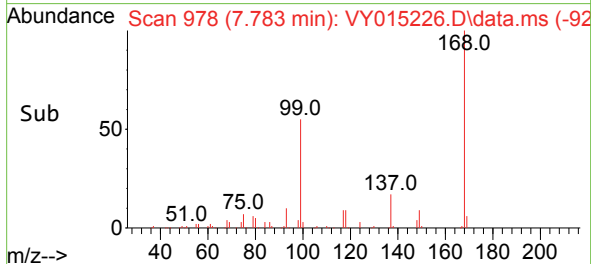


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

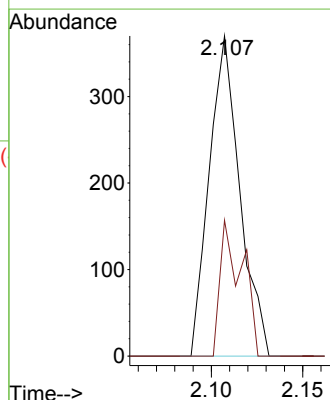
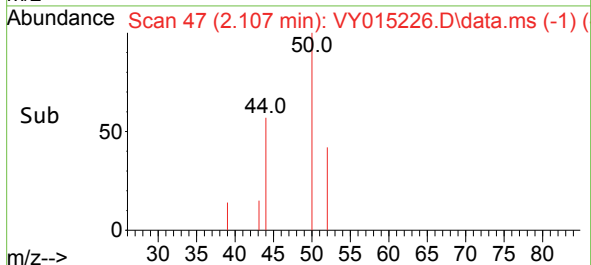
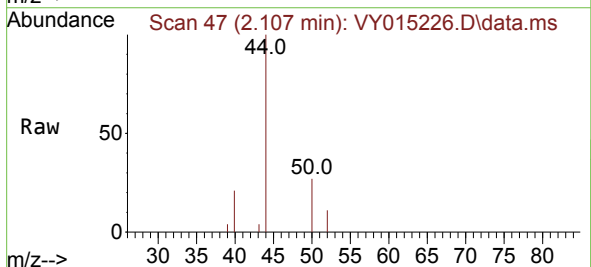


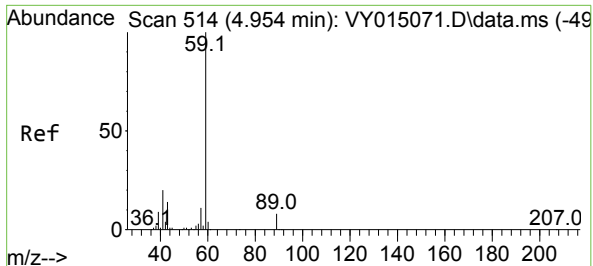
Tgt Ion:168 Resp: 139063
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

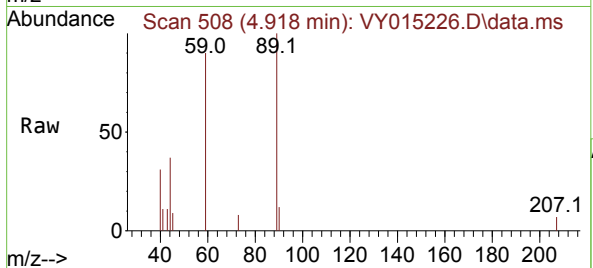
Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 42.4 25.4 38.2#



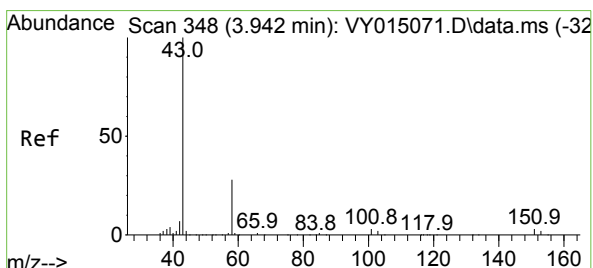
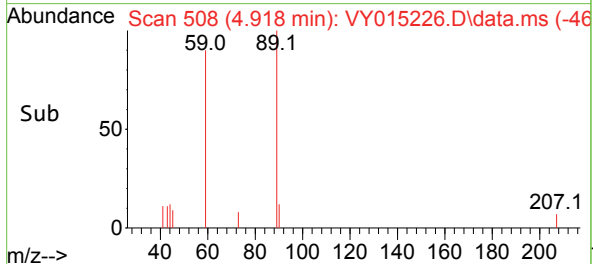
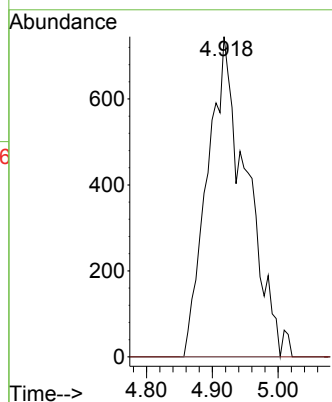


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

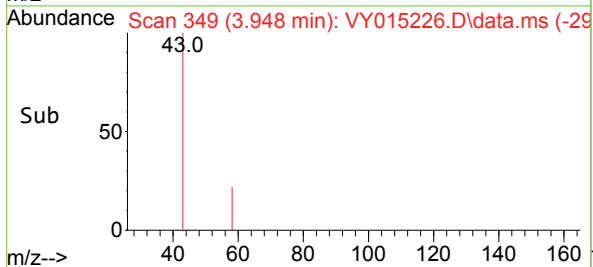
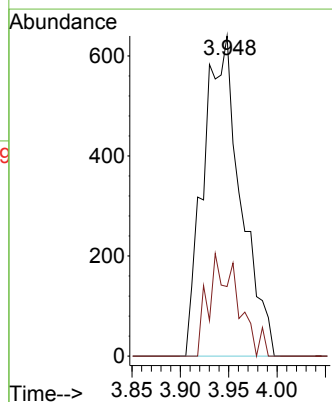
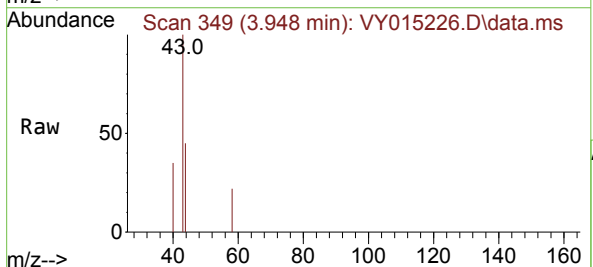


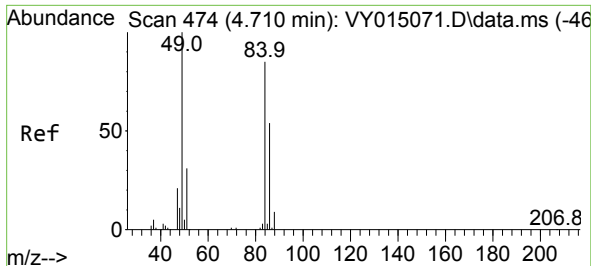
Tgt Ion: 59 Resp: 3056
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 3.128 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

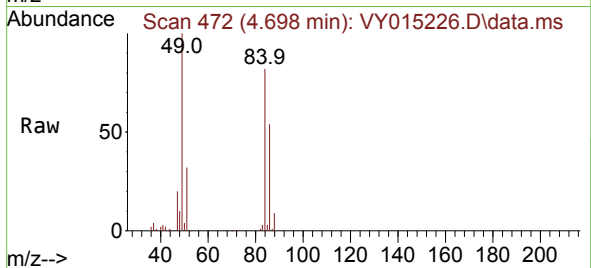
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
58 21.7 22.7 34.1#





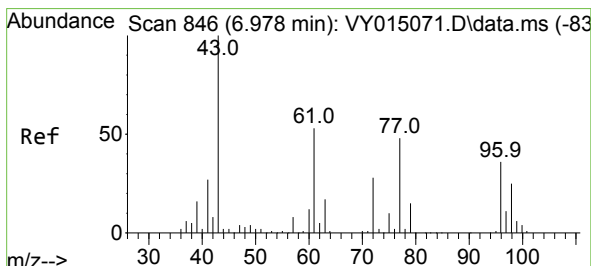
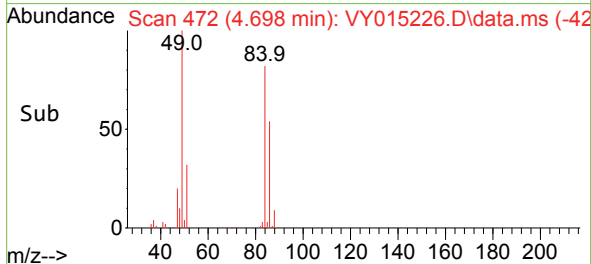
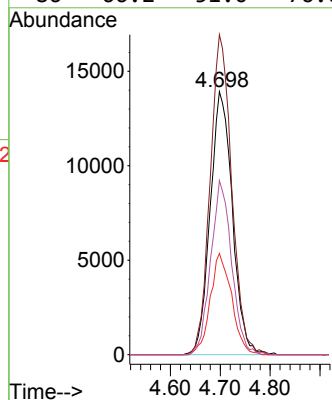
#20
Methylene Chloride
Concen: 31.341 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 43088

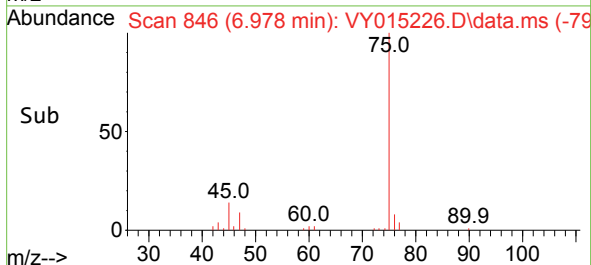
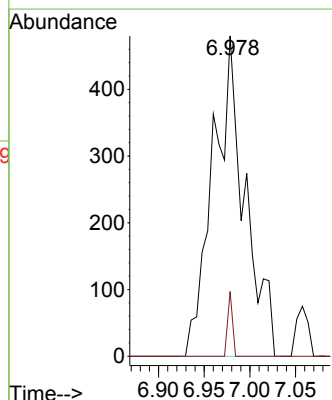
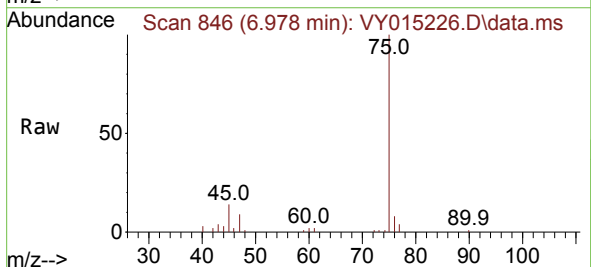
Ion	Ratio	Lower	Upper
84	100		
49	121.7	106.9	160.3
51	38.5	33.2	49.8
86	66.2	51.0	76.6

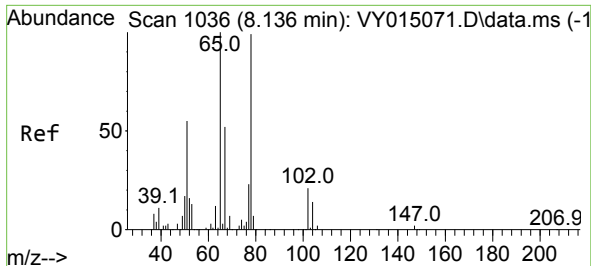


#25
2-Butanone
Concen: 1.513 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 43 Resp: 1168

Ion	Ratio	Lower	Upper
43	100		
72	20.2	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 54.696 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015226.D

Acq: 21 Aug 2023 18:32

Instrument :

MSVOA_Y

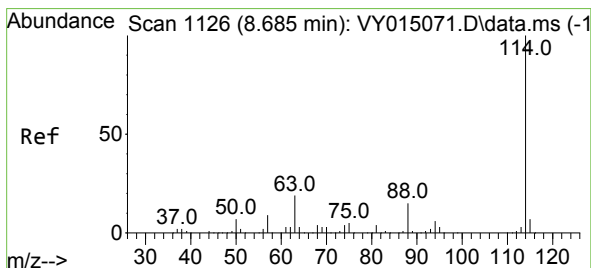
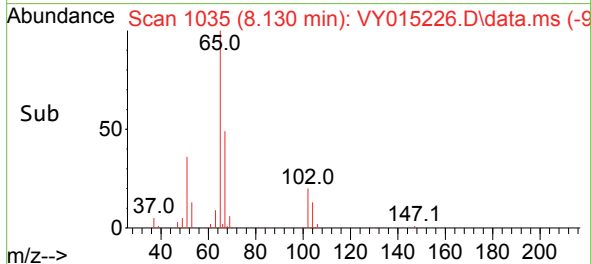
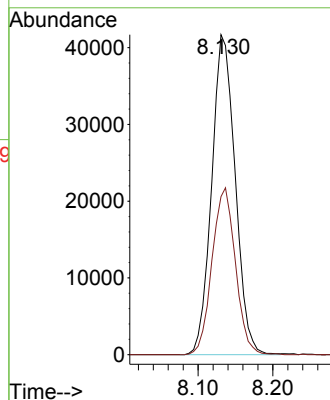
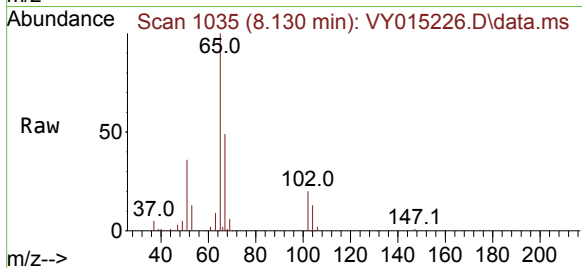
ClientSampleId :

Tgt Ion: 65 Resp: 91306

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015226.D

Acq: 21 Aug 2023 18:32

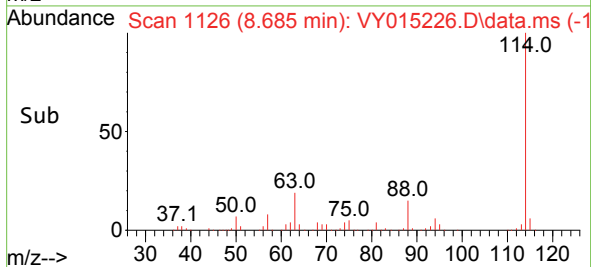
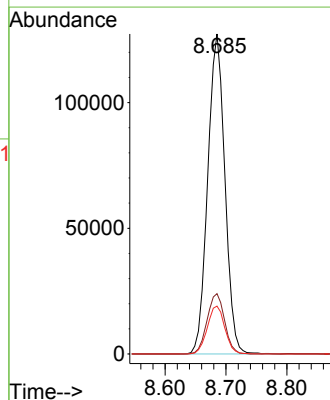
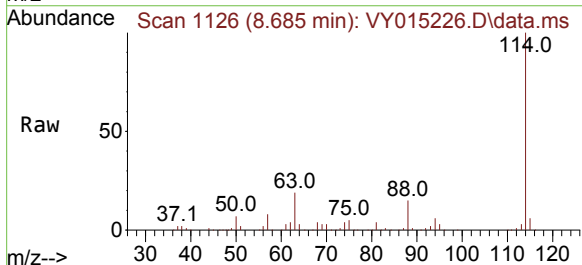
Tgt Ion:114 Resp: 249167

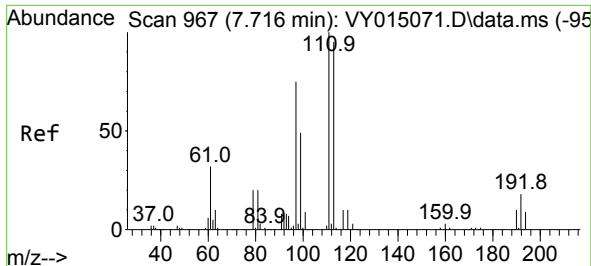
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6

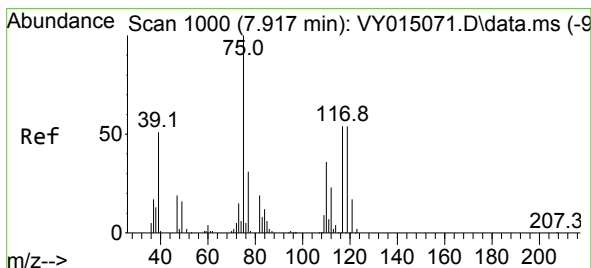
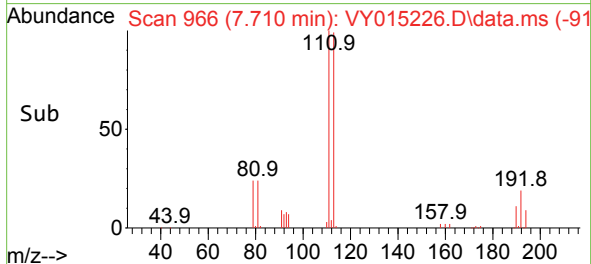
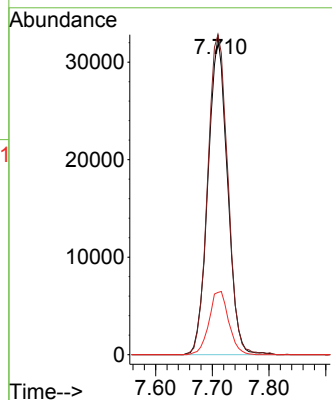
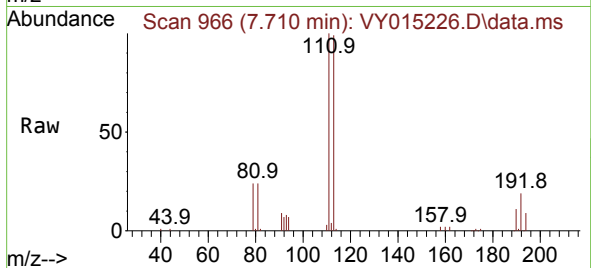




#35
 Dibromofluoromethane
 Concen: 48.399 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY015226.D
 Acq: 21 Aug 2023 18:32

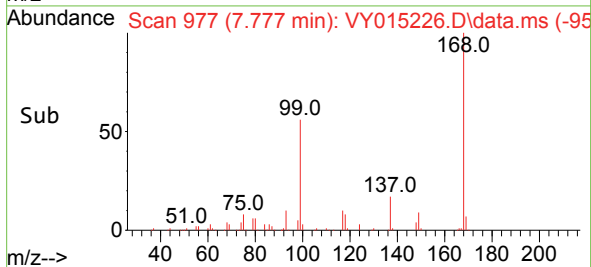
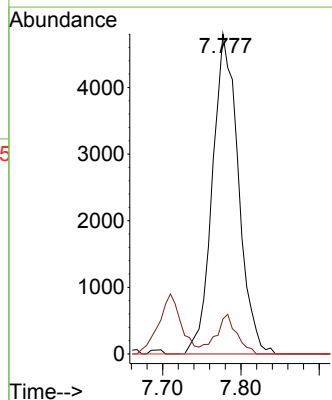
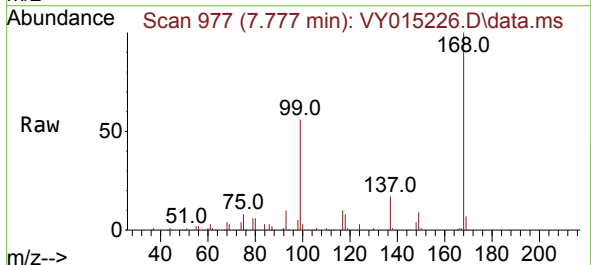
Instrument :
 MSVOA_Y
 ClientSampleId :

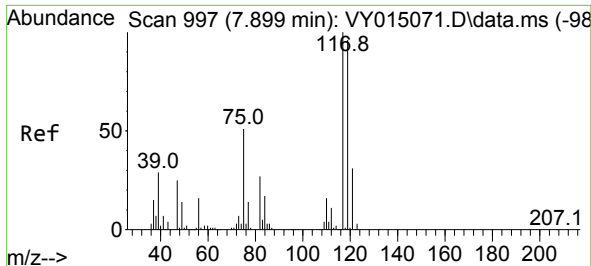
Tgt Ion:113 Resp: 77583
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.3 121.9
 192 20.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 6.235 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.134 min
 Lab File: VY015226.D
 Acq: 21 Aug 2023 18:32

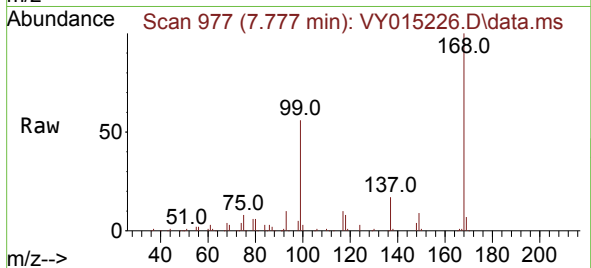
Tgt Ion: 75 Resp: 11058
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.8 53.5#
 77 0.0 24.4 36.6#



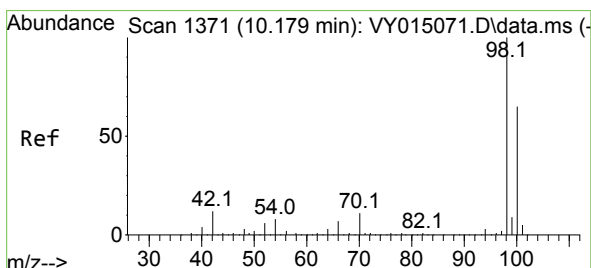
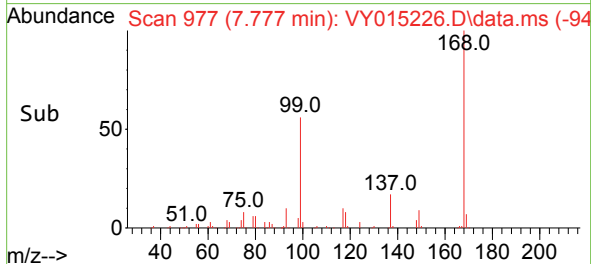
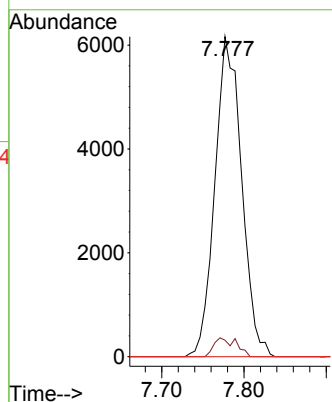


#38
Carbon Tetrachloride
Concen: 6.620 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

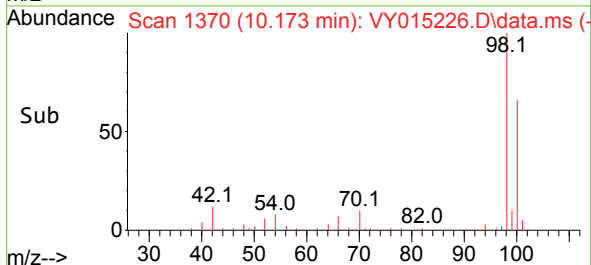
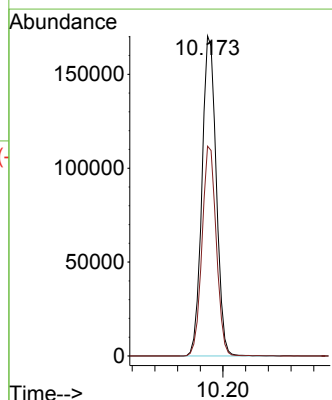
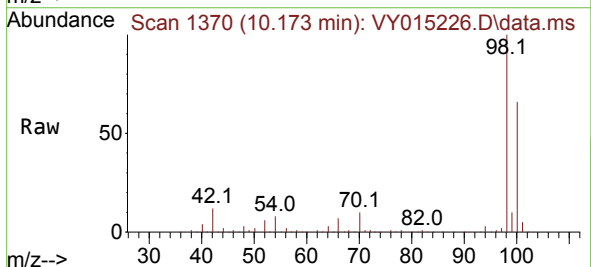


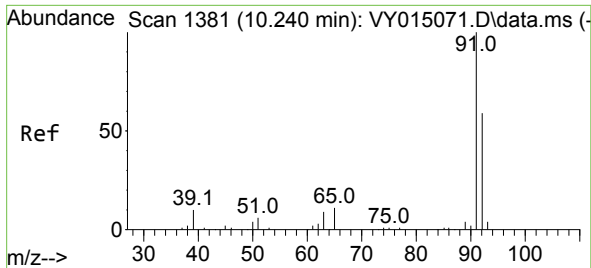
Tgt Ion:117 Resp: 13894
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.703 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 98 Resp: 296585
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

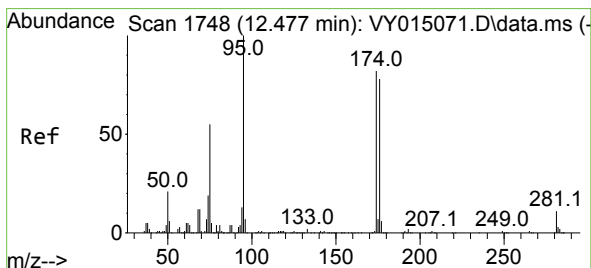
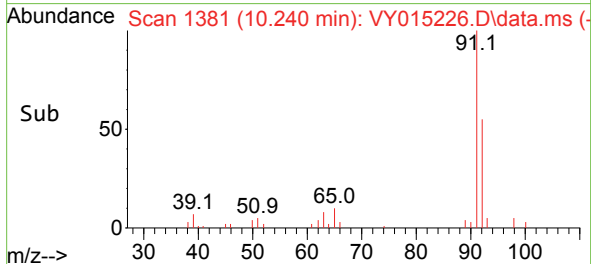
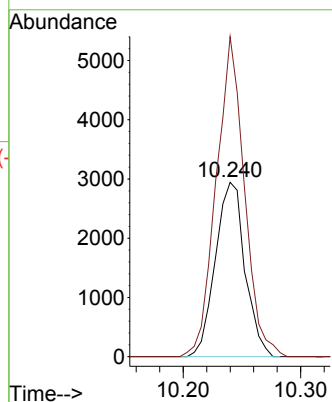
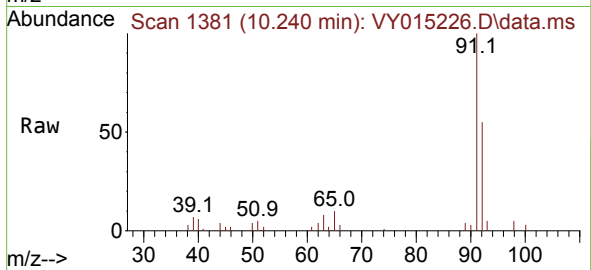




#52
Toluene
Concen: 1.457 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

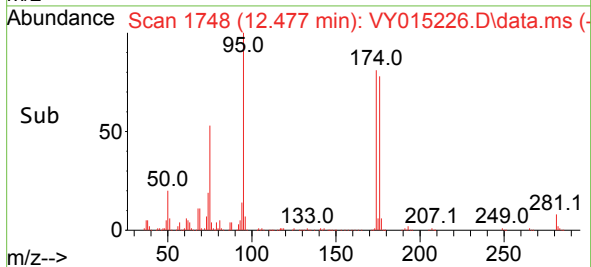
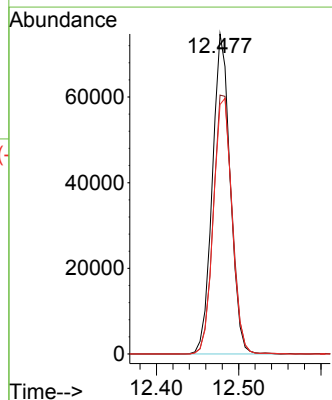
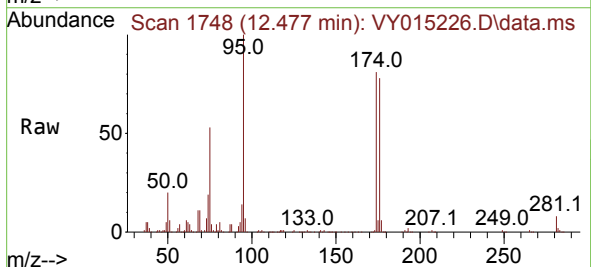
Instrument :
MSVOA_Y
ClientSampleId :

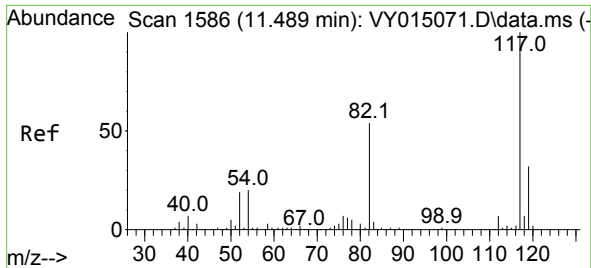
Tgt Ion: 92 Resp: 5148
Ion Ratio Lower Upper
92 100
91 175.0 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 51.887 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

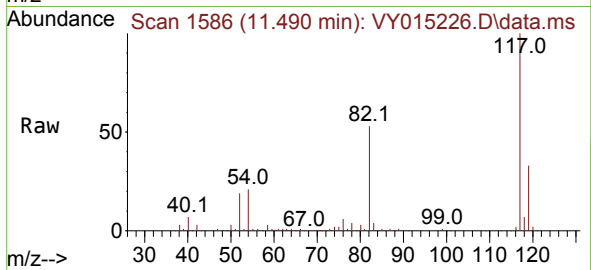
Tgt Ion: 95 Resp: 113087
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 83.1 0.0 173.8



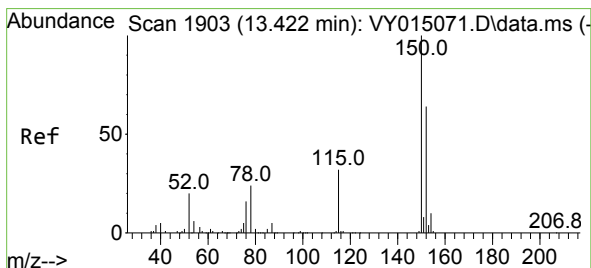
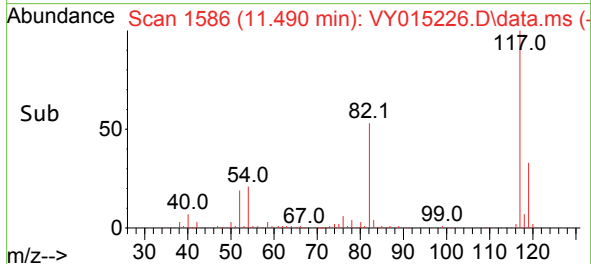
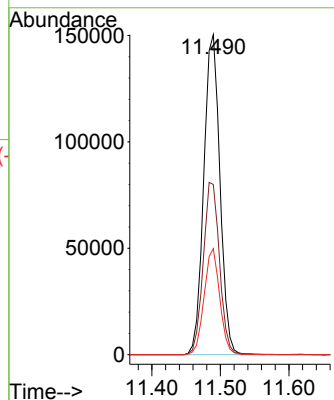


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

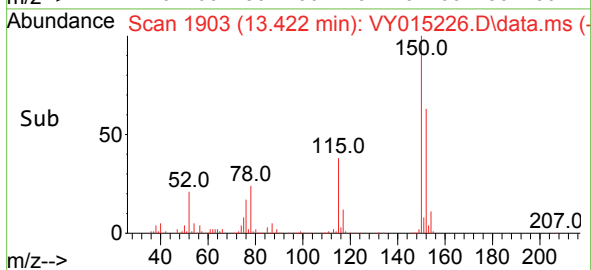
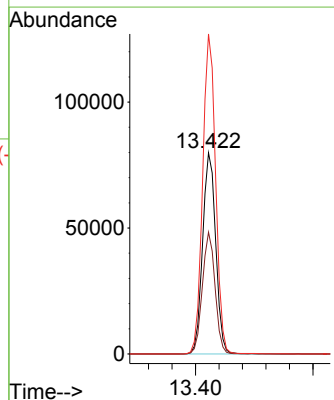
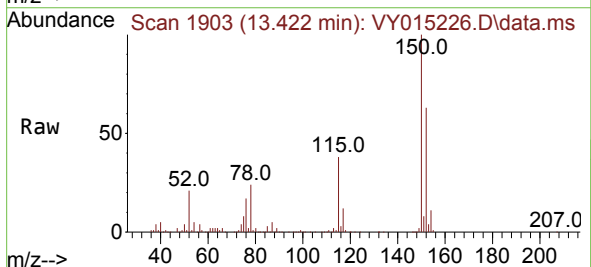


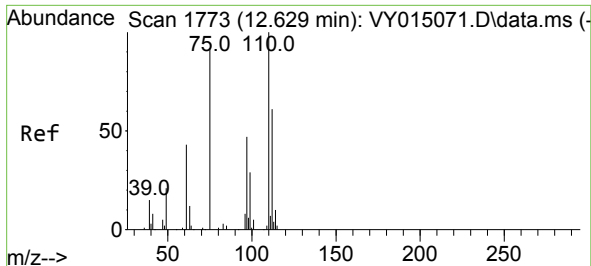
Tgt Ion:117 Resp: 247632
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 33.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion:152 Resp: 123360
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.0 0.0 348.8

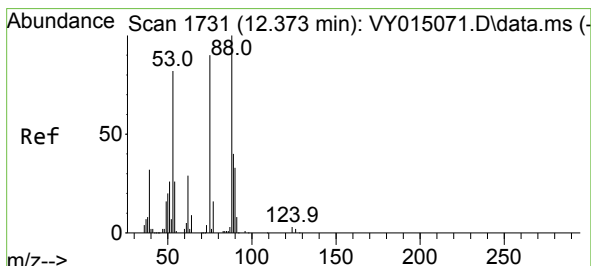
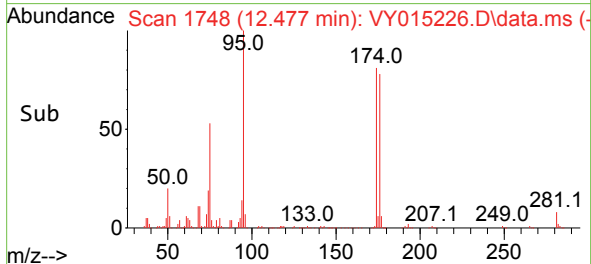
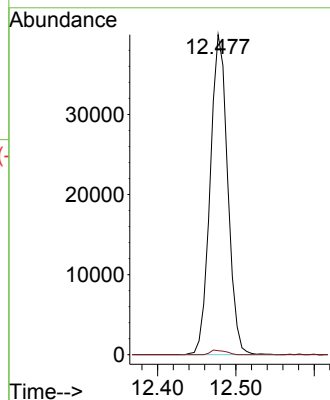
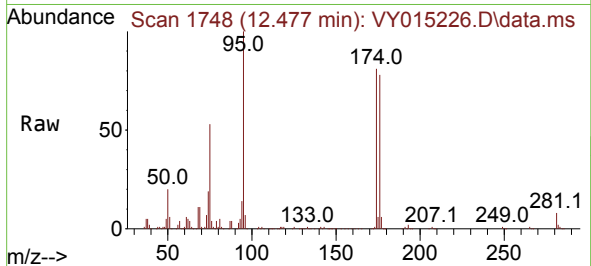




#76
1,2,3-Trichloropropane
Concen: 41.380 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62018
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.891 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 75 Resp: 62018
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

