

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019283.D
 Acq On : 27 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3714-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 27 15:43:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

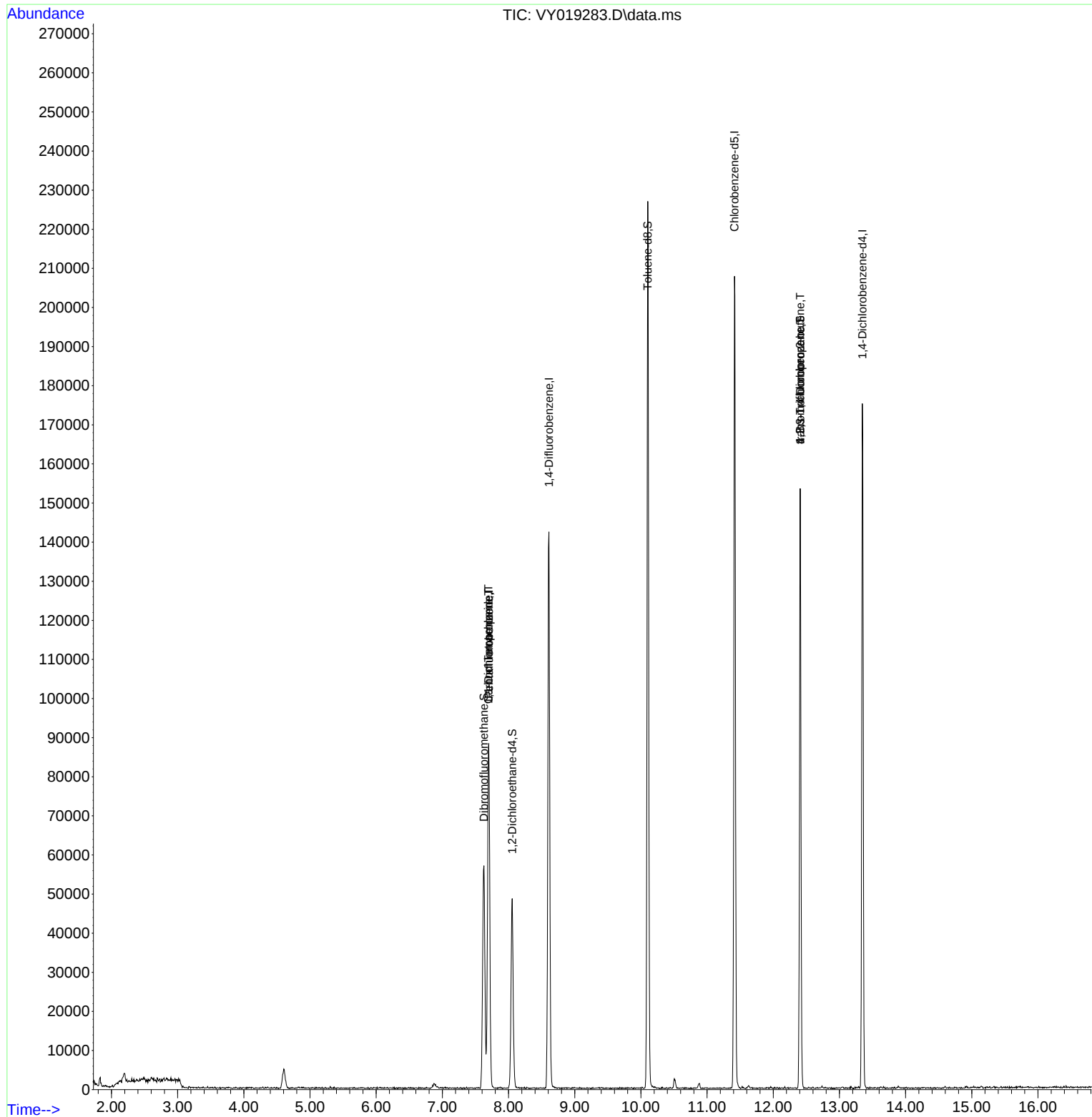
Internal Standards						
1) Pentafluorobenzene	7.701	168	71543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	126336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	36710	51.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.380%
35) Dibromofluoromethane	7.628	113	40467	48.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.103	98	142211	47.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.408	95	43486	42.911	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	413	Below Cal	#	69
6) Chloroethane	2.812	64	30	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	67	Below Cal	#	88
20) Methylene Chloride	4.586	84	3595	Below Cal	#	85
31) Cyclohexane	7.701	56	1508	Below Cal	#	31
36) 1,1-Dichloropropene	7.695	75	5444	4.799	ug/l #	49
38) Carbon Tetrachloride	7.695	117	7169	5.454	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	23006	52.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23006	130.126	ug/l #	16

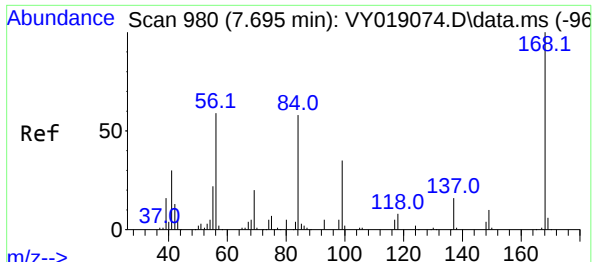
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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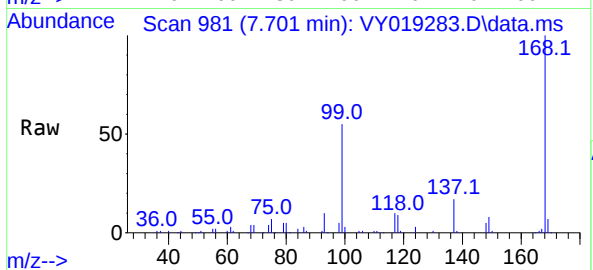
Quant Time: Aug 27 15:43:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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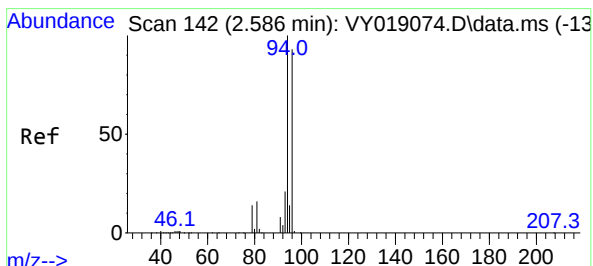
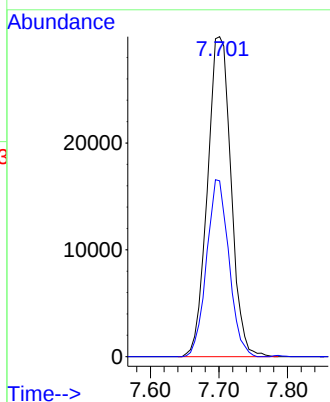
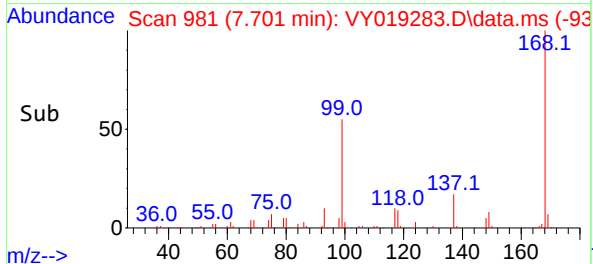


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

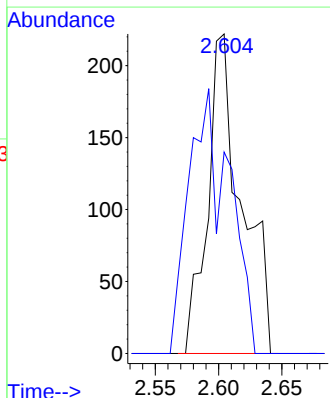
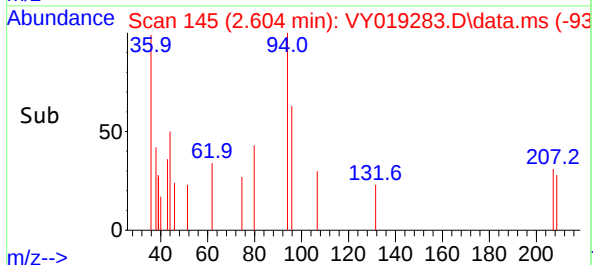
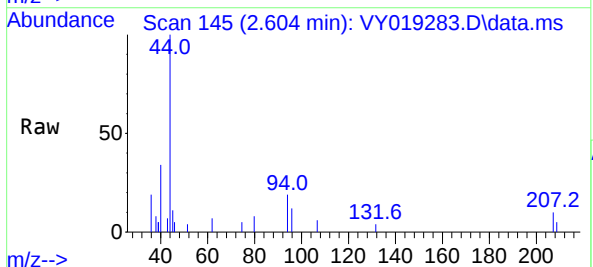


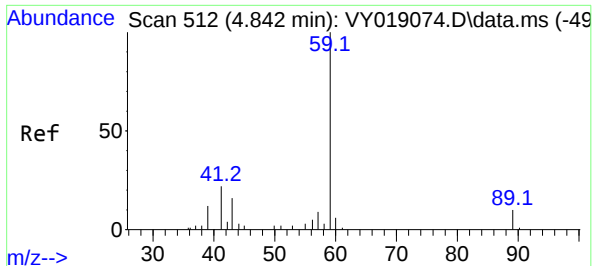
Tgt Ion:168 Resp: 71543
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

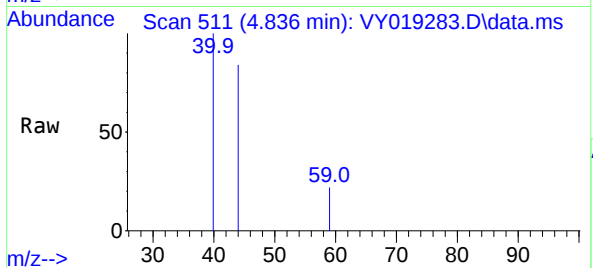
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 63.1 74.1 111.1#



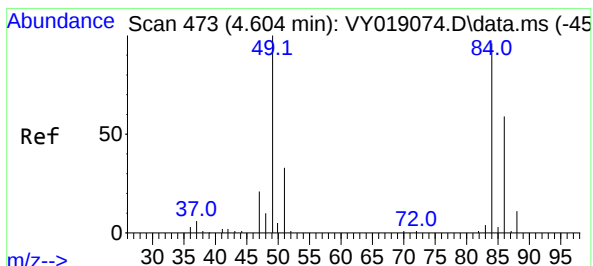
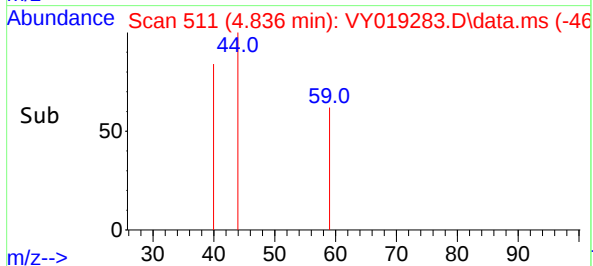
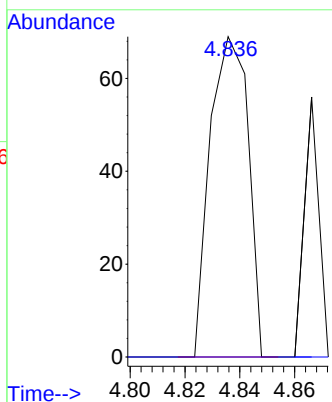


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

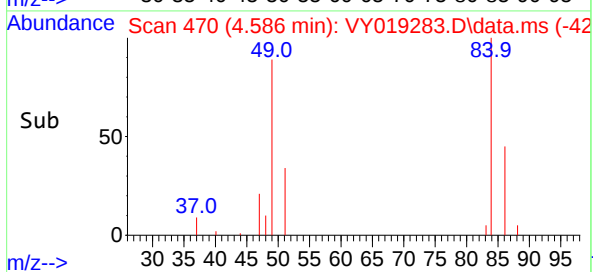
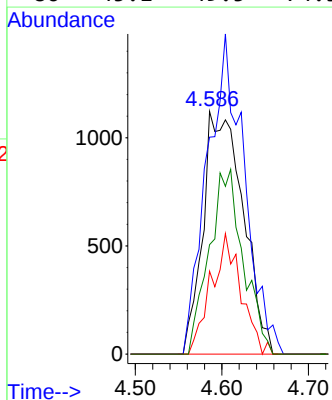
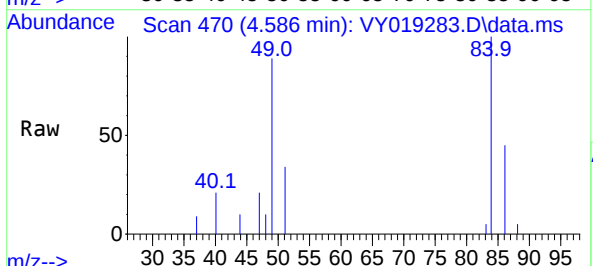


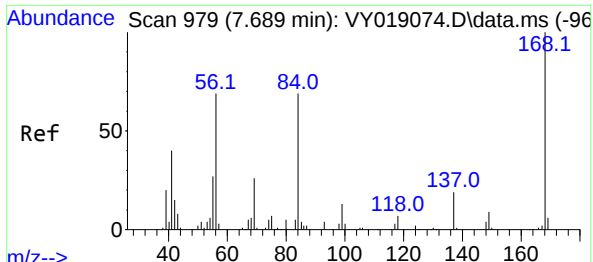
Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.586 min Scan# 470
Delta R.T. -0.018 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

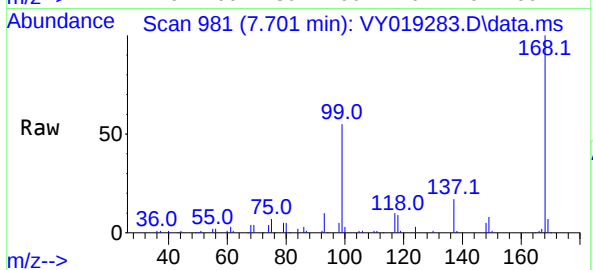
Tgt Ion: 84 Resp: 3595
Ion Ratio Lower Upper
84 100
49 89.4 84.4 126.6
51 34.1 26.0 39.0
86 45.1 49.5 74.3#



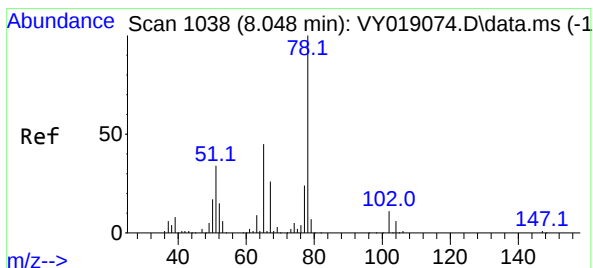
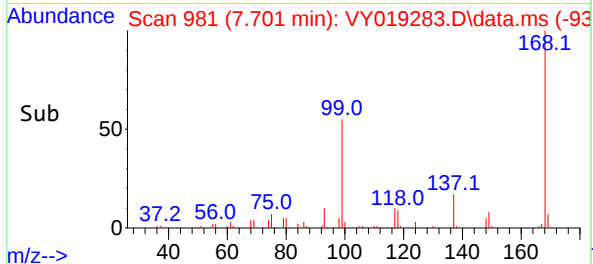
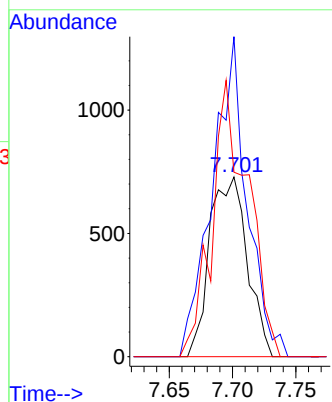


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

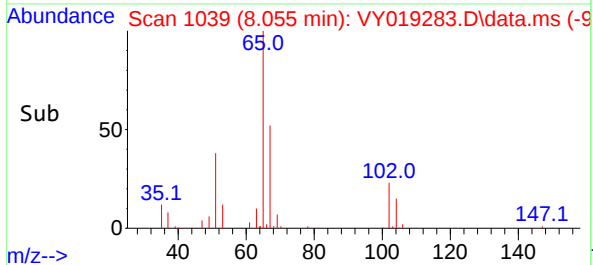
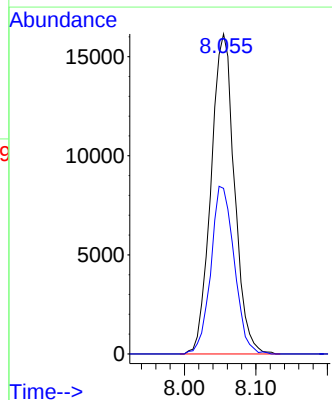
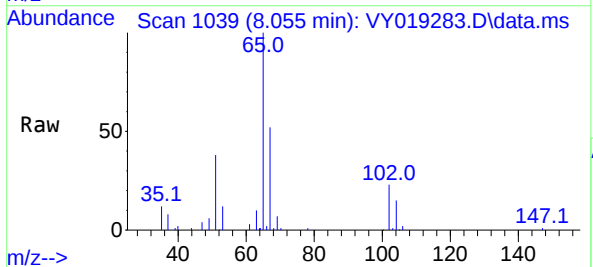


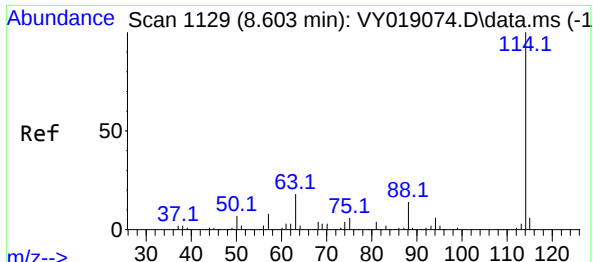
Tgt Ion: 56 Resp: 1508
Ion Ratio Lower Upper
56 100
69 178.1 28.7 43.1#
84 102.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.188 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Tgt Ion: 65 Resp: 36710
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

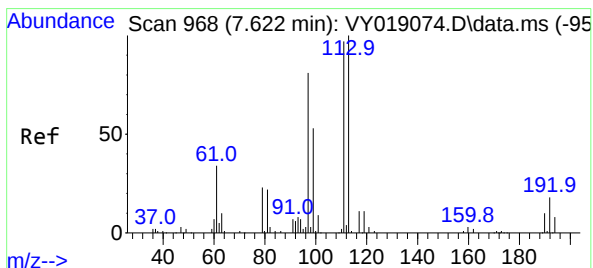
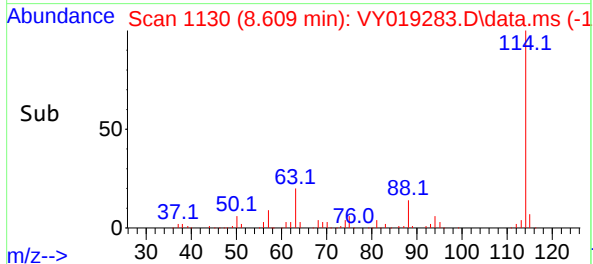
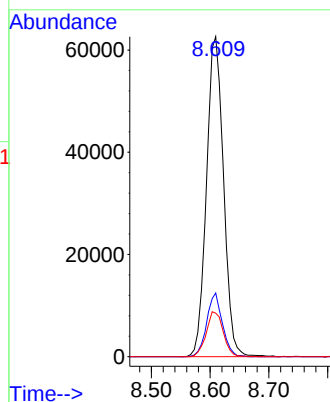
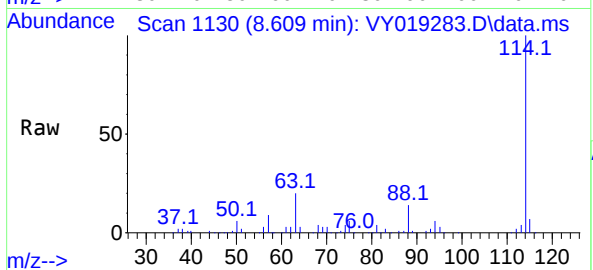




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

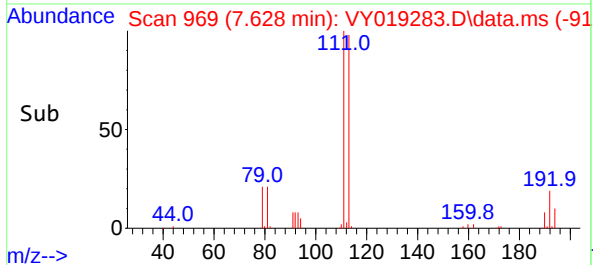
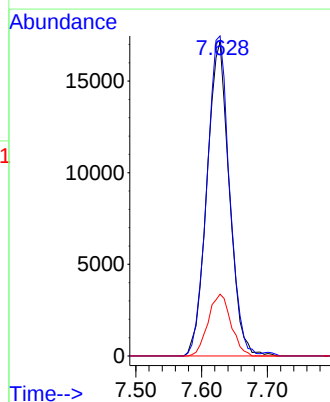
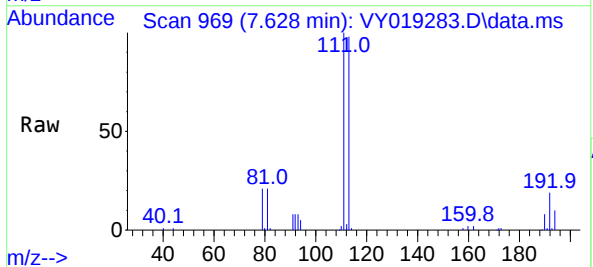
Instrument :
MSVOA_Y
ClientSampleId :

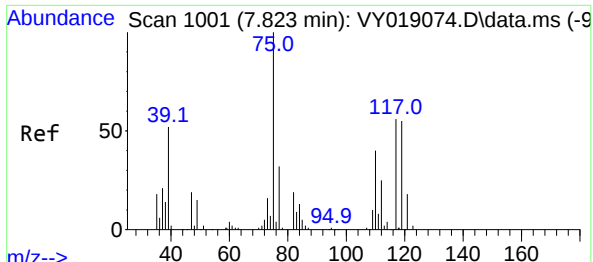
Tgt Ion:114 Resp: 126336
Ion Ratio Lower Upper
114 100
63 19.9 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

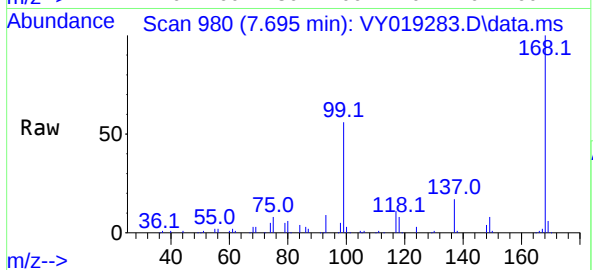
Tgt Ion:113 Resp: 40467
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.1 15.9 23.9



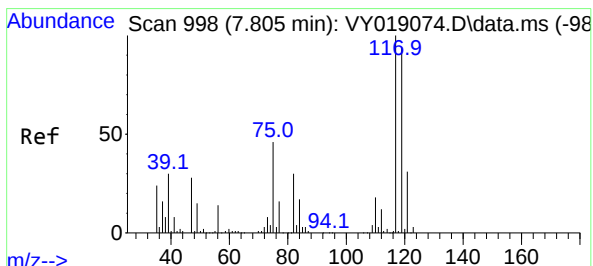
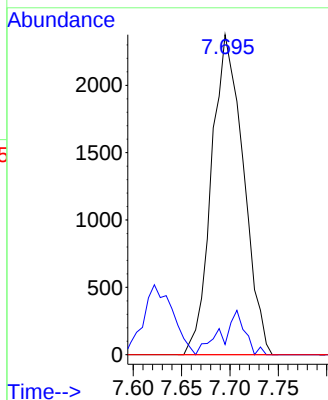
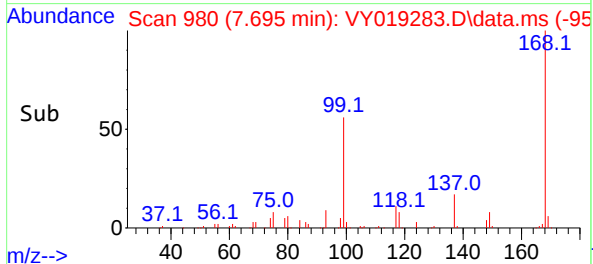


#36
1,1-Dichloropropene
Concen: 4.799 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

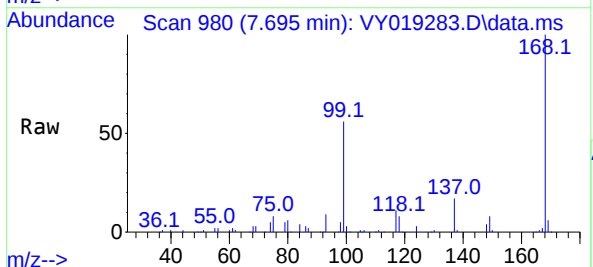
Instrument :
MSVOA_Y
ClientSampleId :



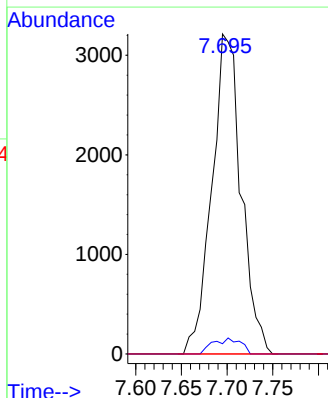
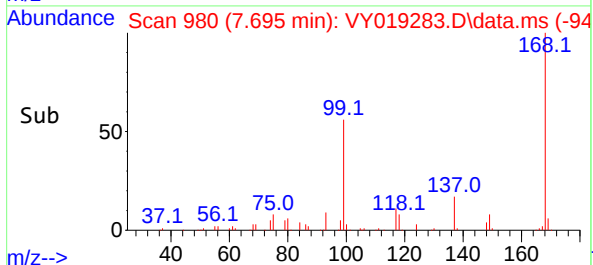
Tgt Ion: 75 Resp: 5444
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.0 25.3 37.9#

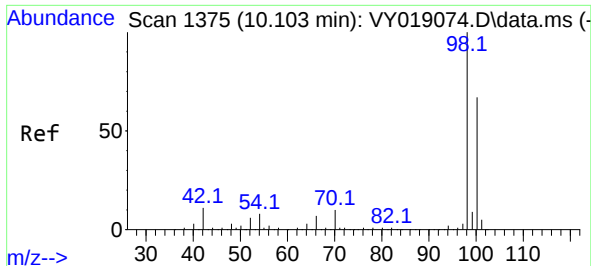


#38
Carbon Tetrachloride
Concen: 5.454 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57



Tgt Ion: 117 Resp: 7169
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#

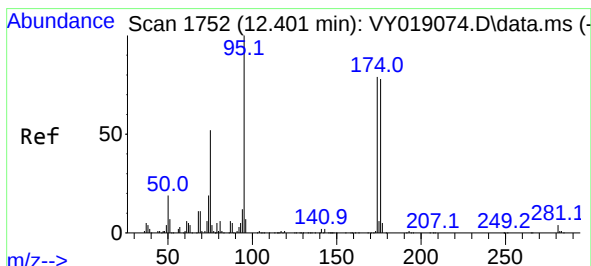
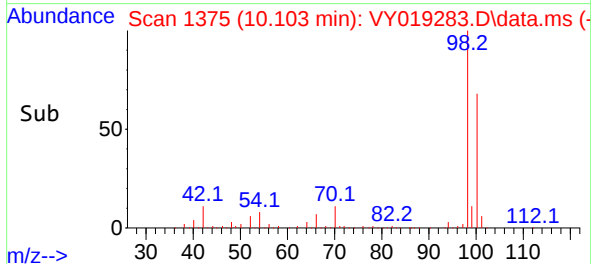
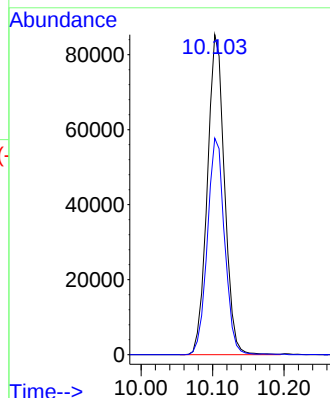
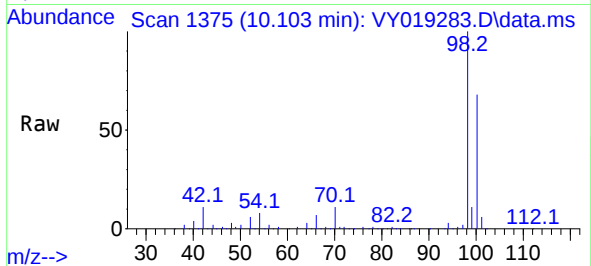




#50
Toluene-d8
Concen: 47.839 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

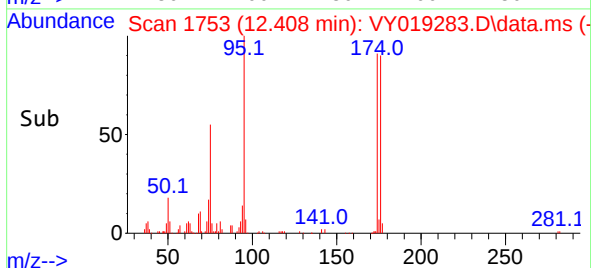
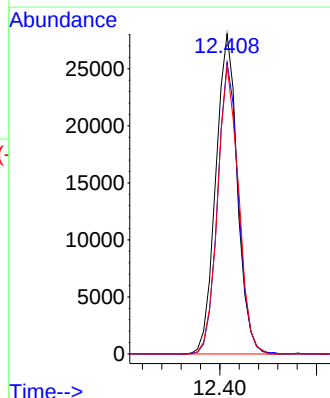
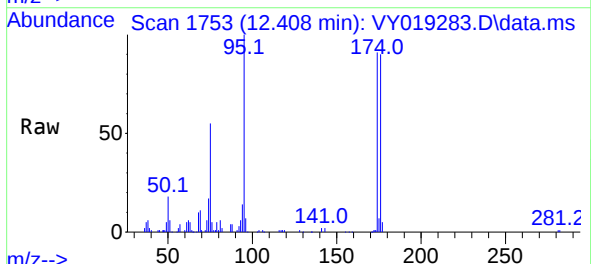
Instrument :
MSVOA_Y
ClientSampleId :

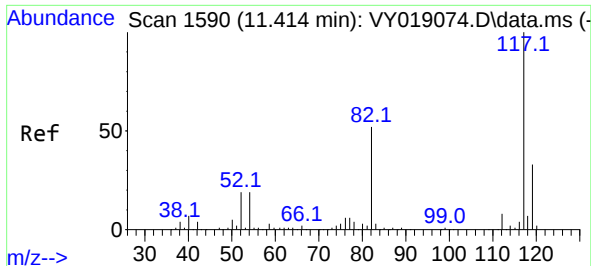
Tgt Ion: 98 Resp: 142211
Ion Ratio Lower Upper
98 100
100 67.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.911 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Tgt Ion: 95 Resp: 43486
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 87.1 0.0 171.4

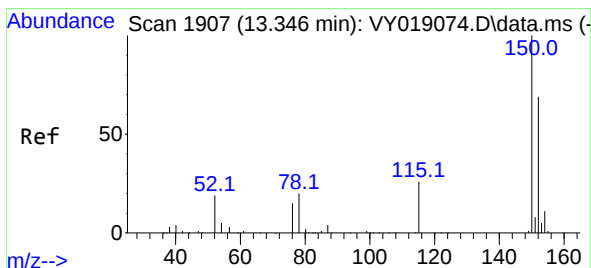
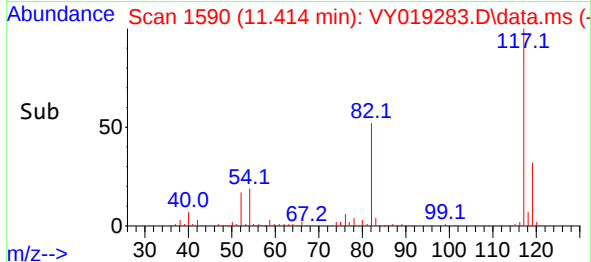
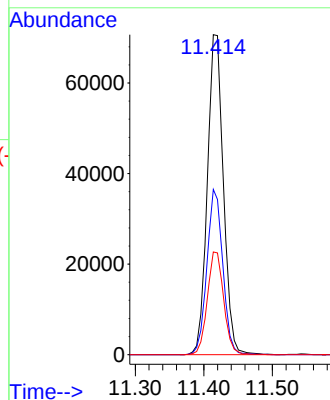
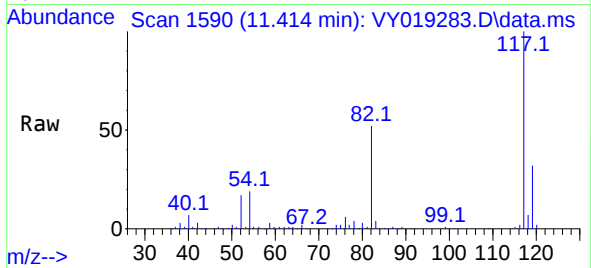




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 115524
Delta R.T. 0.000 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

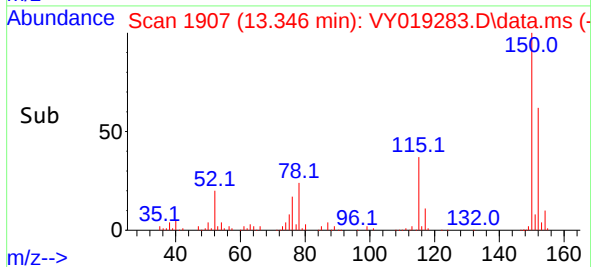
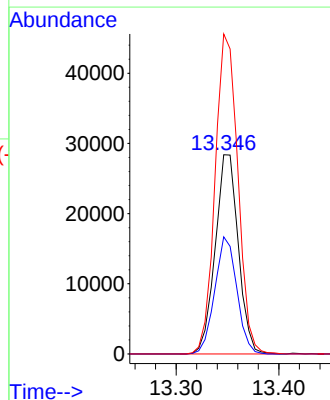
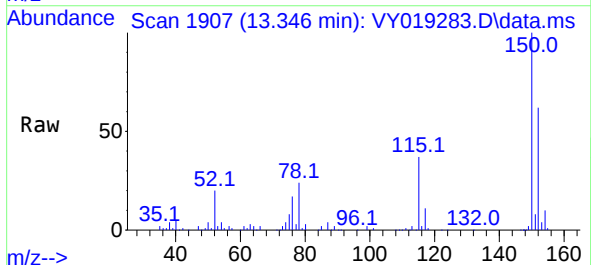
Instrument :
MSVOA_Y
ClientSampleId :

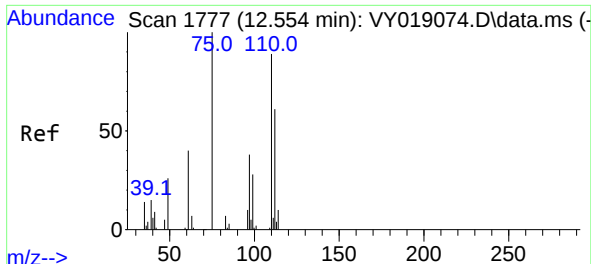
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.4	63.6
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	158.3	0.0	345.6

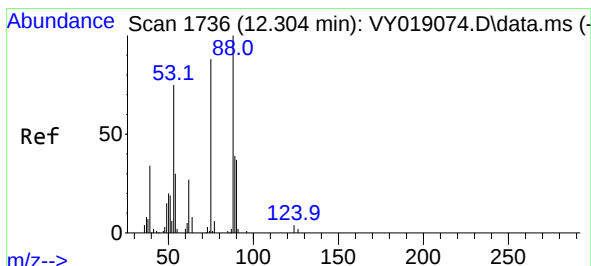
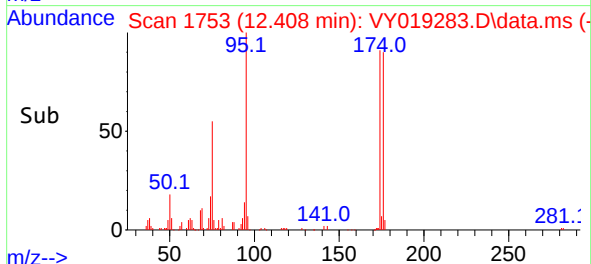
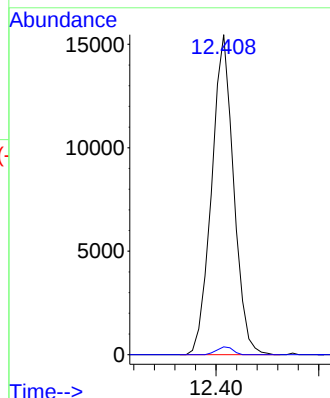
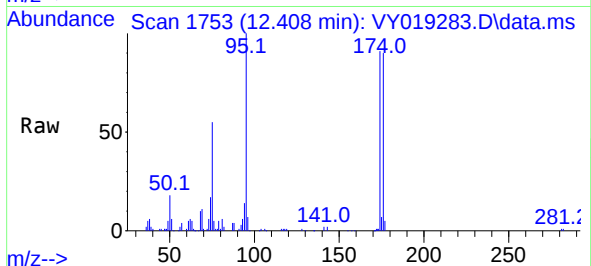




#76
1,2,3-Trichloropropane
Concen: 52.690 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23006
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.126 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019283.D
Acq: 27 Aug 2024 13:57

Tgt Ion: 75 Resp: 23006
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

