

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018025.D
 Acq On : 23 Apr 2024 16:06
 Operator : SY/MD
 Sample : P2240-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:15:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	285747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	521594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	460198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137578	55.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.715	113	166520	51.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.178	98	603126	49.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.483	95	155201	41.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.080%

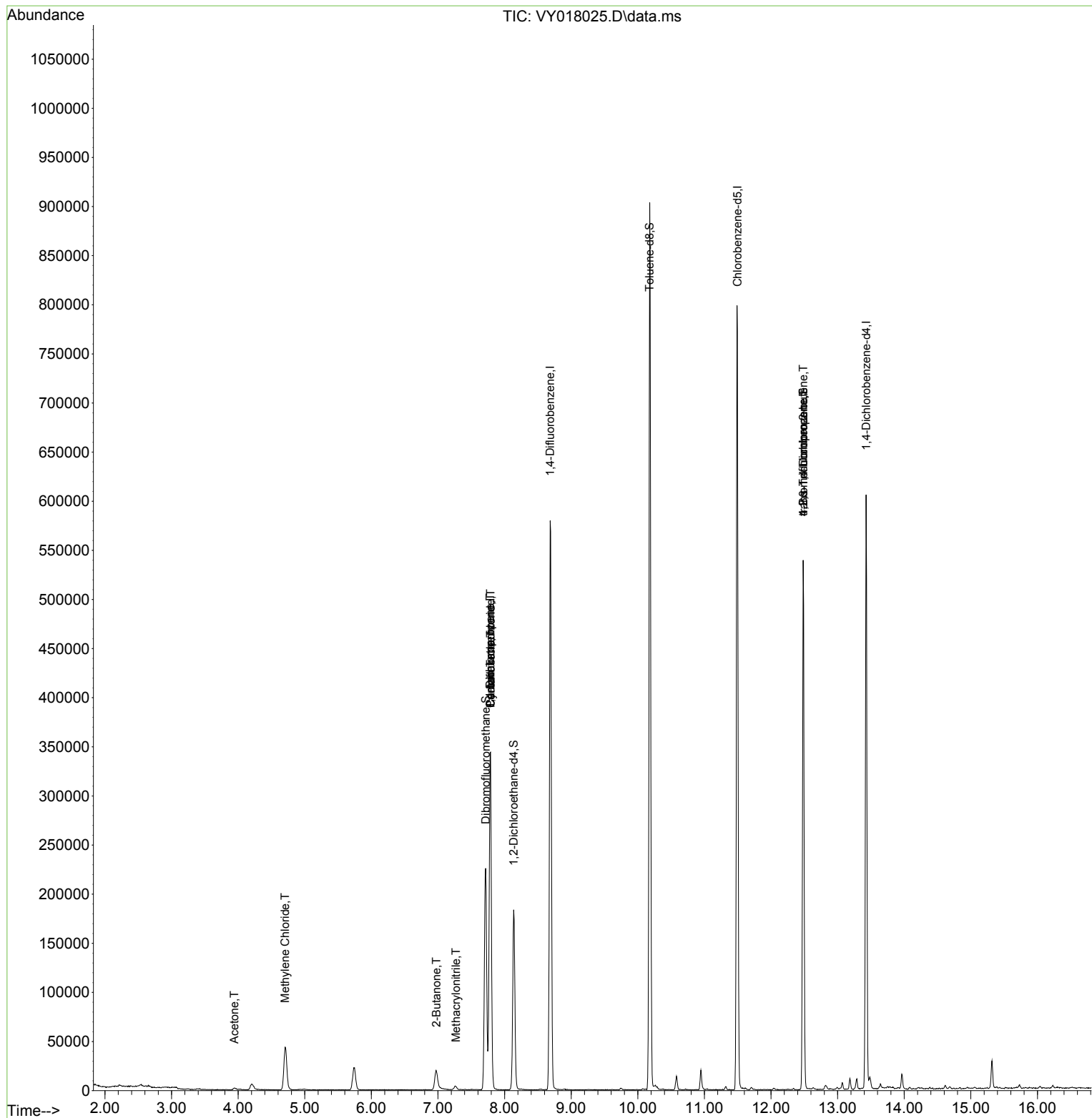
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	628	Below Cal	#	88
16) Acetone	3.942	43	3459	7.080	ug/l #	85
20) Methylene Chloride	4.704	84	35750	10.800	ug/l	98
25) 2-Butanone	6.978	43	1374	1.913	ug/l #	41
31) Cyclohexane	7.789	56	5231	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	21580	4.611	ug/l #	47
38) Carbon Tetrachloride	7.789	117	26098	5.520	ug/l #	15
41) Methacrylonitrile	7.270	41	2037	1.677	ug/l #	34
76) 1,2,3-Trichloropropane	12.483	75	76936	50.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76936	105.150	ug/l #	16

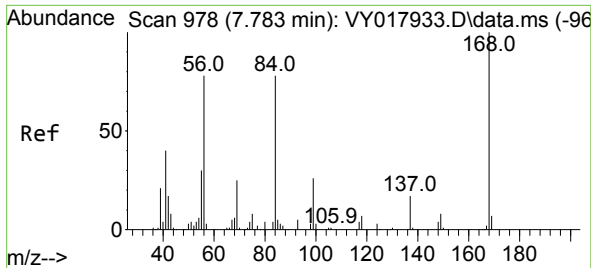
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

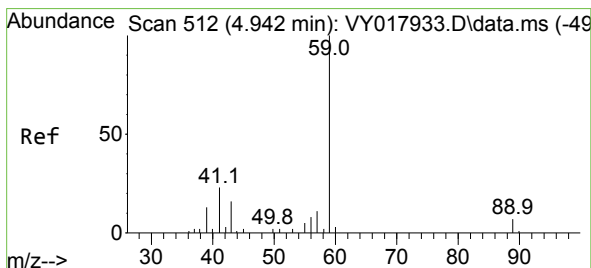
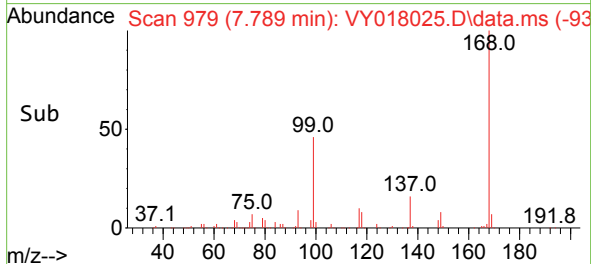
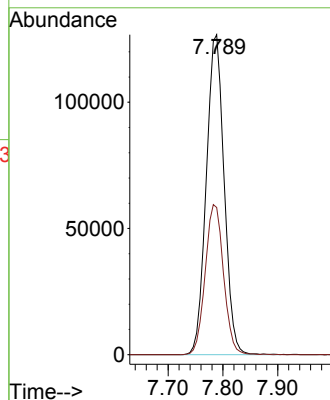
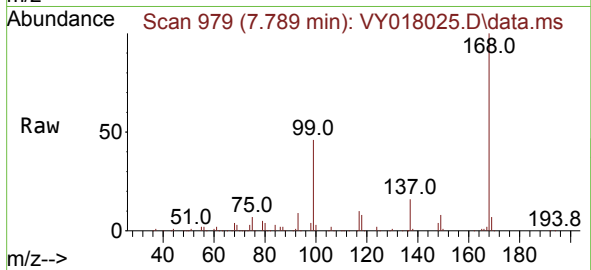




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

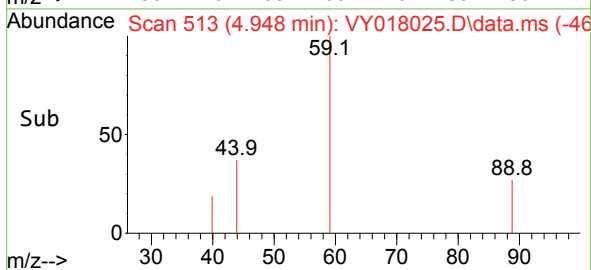
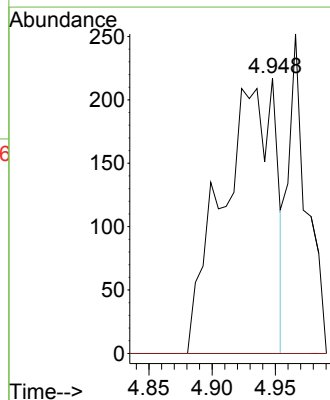
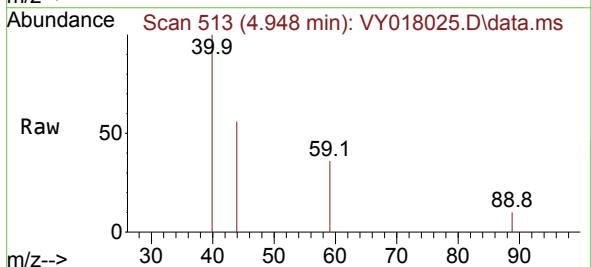
Instrument :
MSVOA_Y
ClientSampleId :

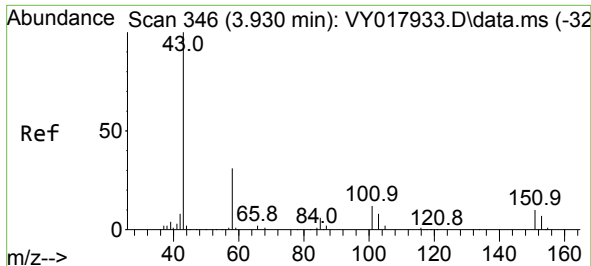
Tgt Ion:168 Resp: 285747
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 7.080 ug/l

RT: 3.942 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

Instrument :

MSVOA_Y

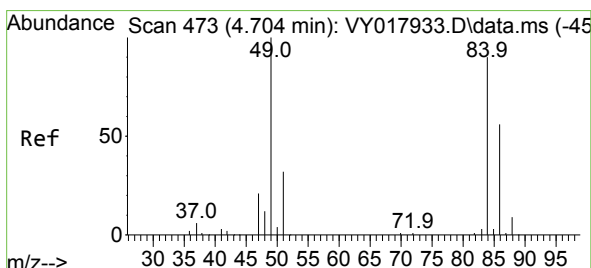
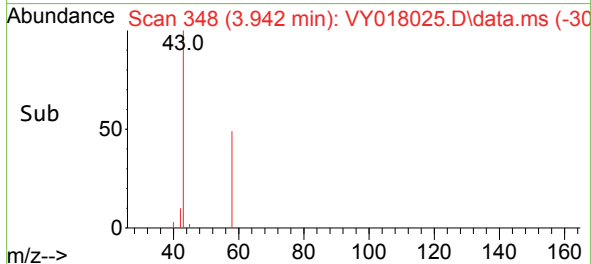
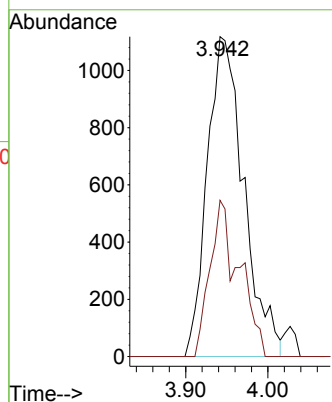
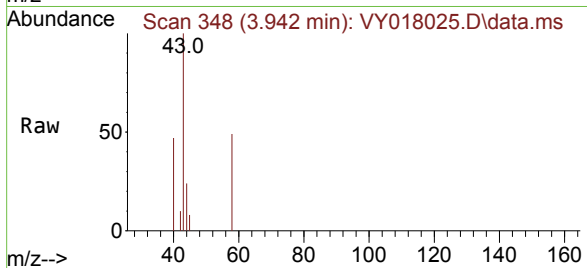
ClientSampleId :

Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

58 48.8 31.7 47.5#



#20

Methylene Chloride

Concen: 10.800 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

Tgt Ion: 84 Resp: 35750

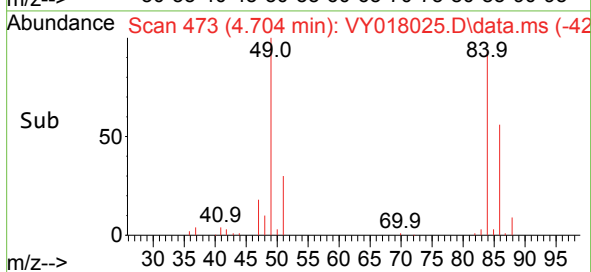
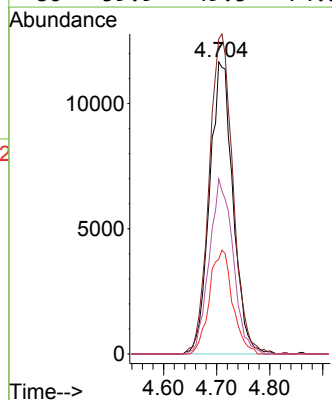
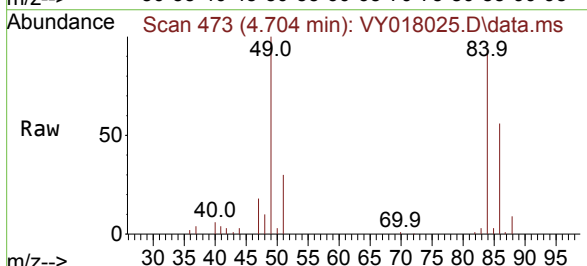
Ion Ratio Lower Upper

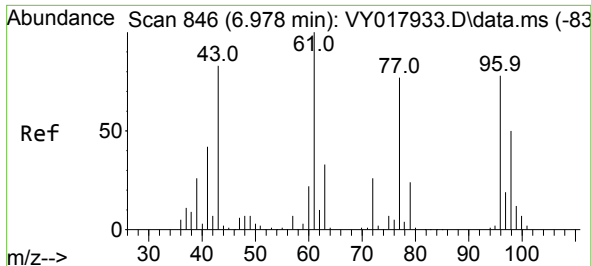
84 100

49 107.9 84.4 126.6

51 32.5 26.0 39.0

86 59.9 49.5 74.3

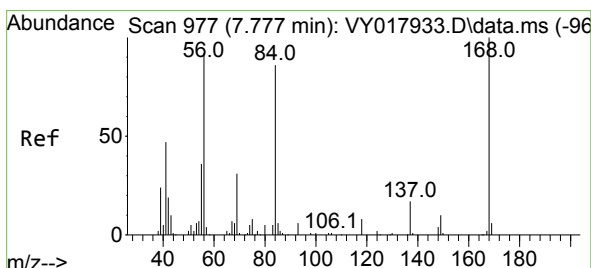
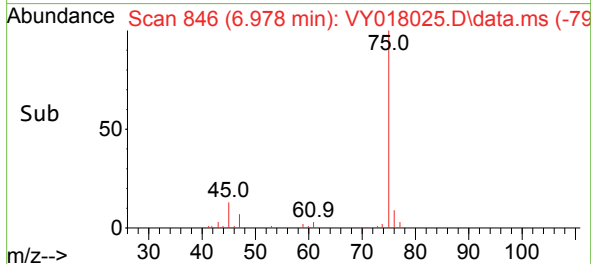
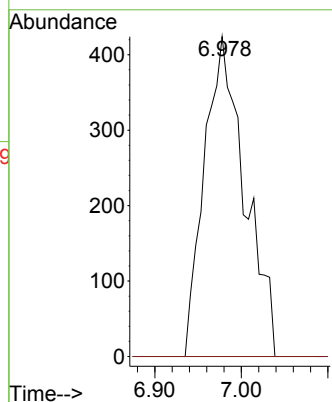
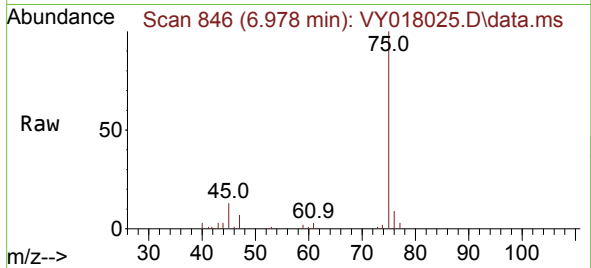




#25
2-Butanone
Concen: 1.913 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

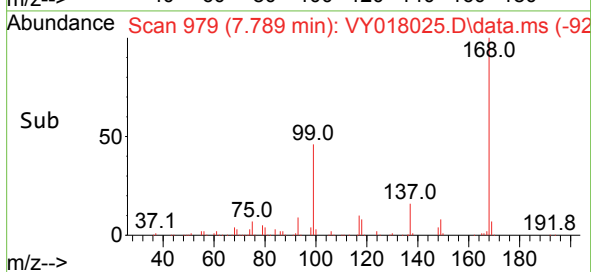
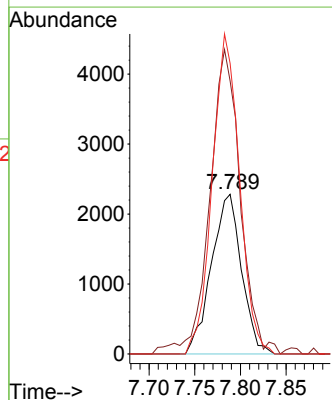
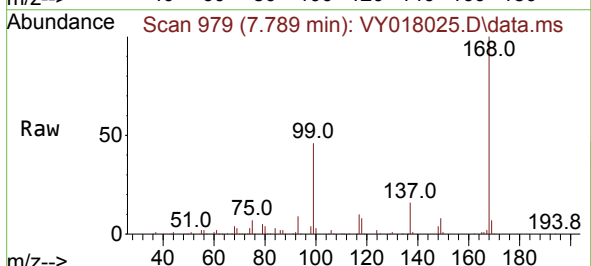
Instrument :
MSVOA_Y
ClientSampleId :

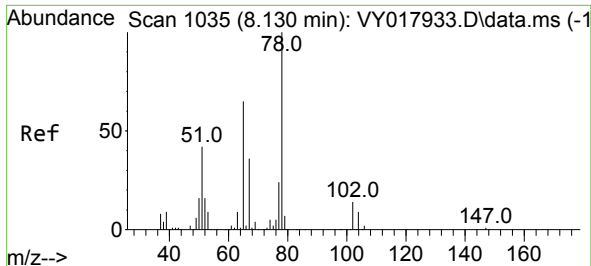
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 56 Resp: 5231
Ion Ratio Lower Upper
56 100
69 170.9 28.7 43.1#
84 182.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.637 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

Instrument :

MSVOA_Y

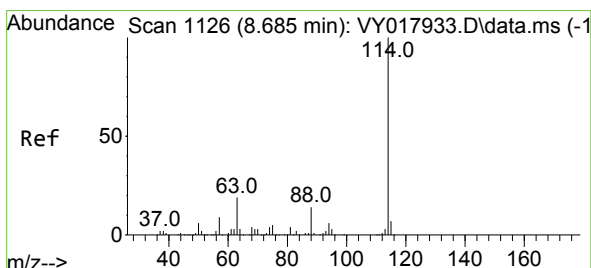
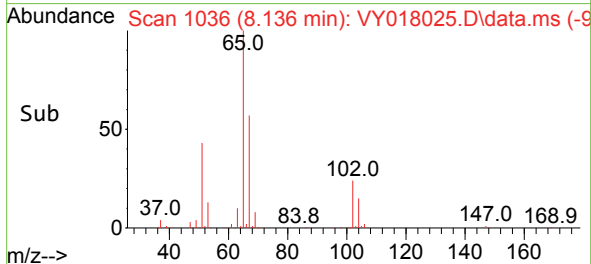
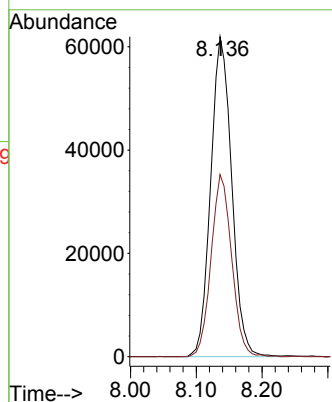
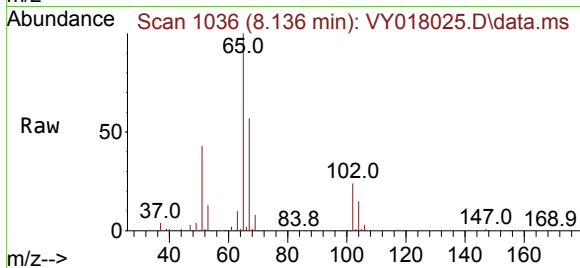
ClientSampleId :

Tgt Ion: 65 Resp: 137578

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

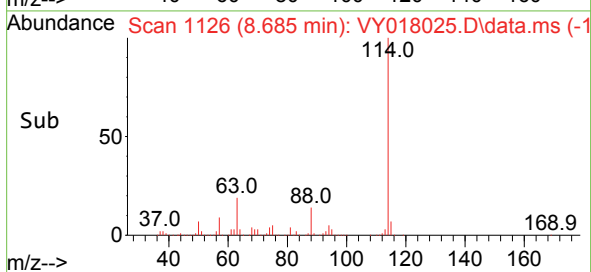
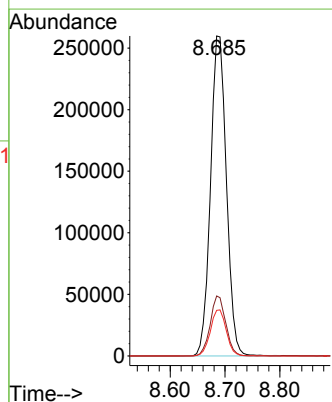
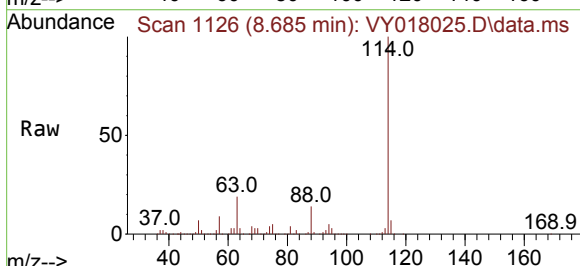
Tgt Ion: 114 Resp: 521594

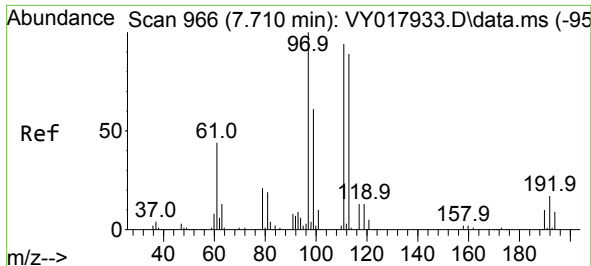
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

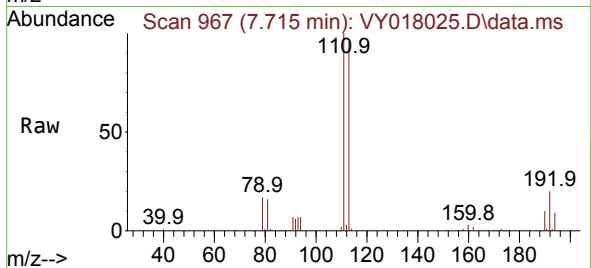
88 14.2 0.0 27.2



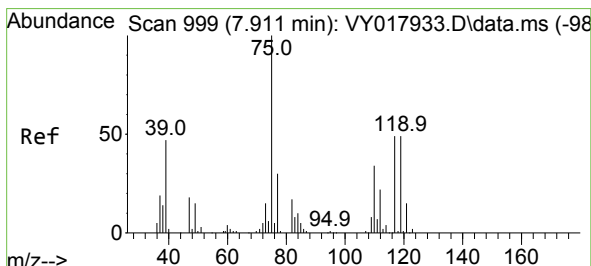
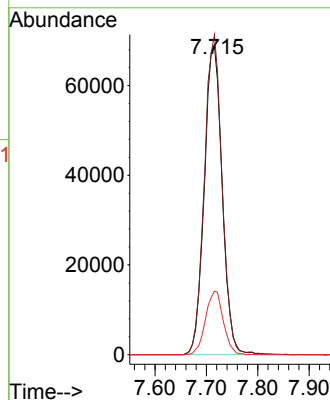
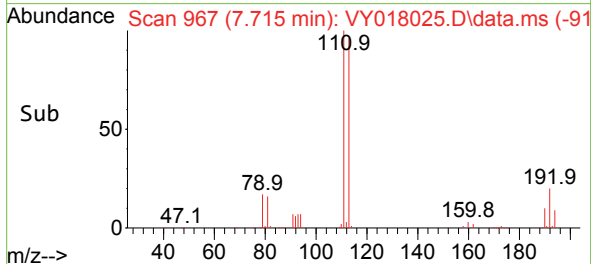


#35
Dibromofluoromethane
Concen: 51.748 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

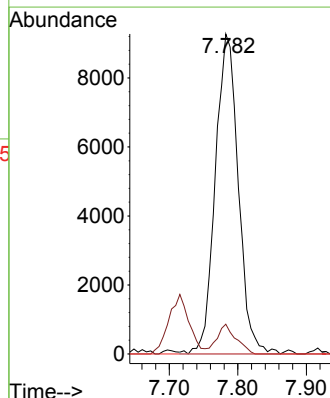
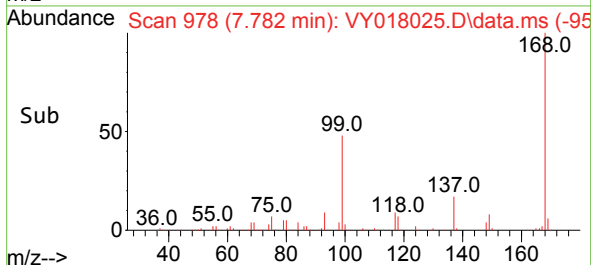
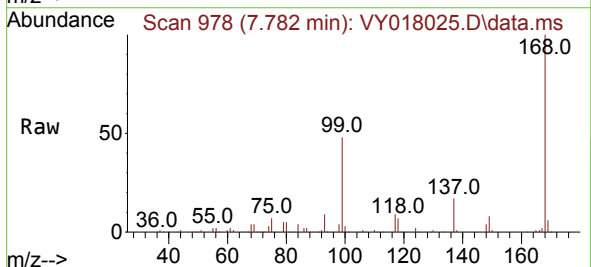


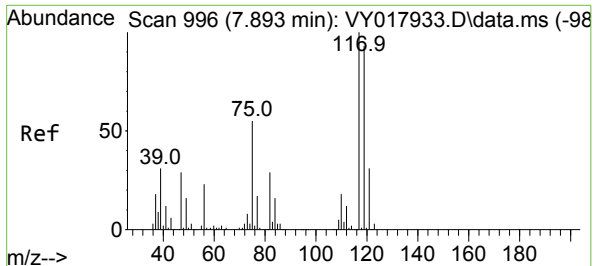
Tgt Ion:113 Resp: 166520
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

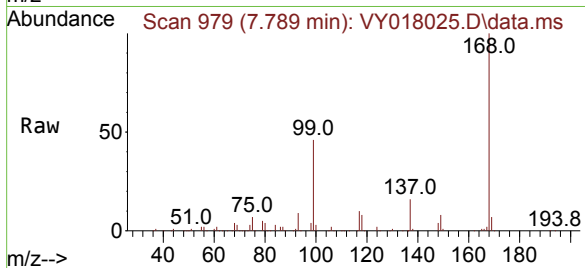
Tgt Ion: 75 Resp: 21580
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#



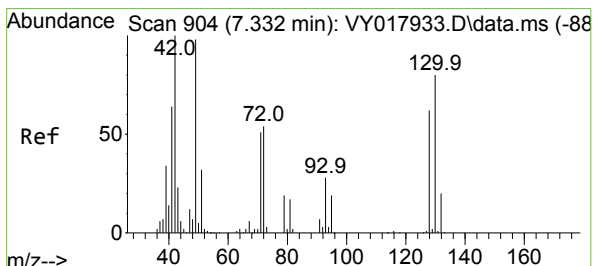
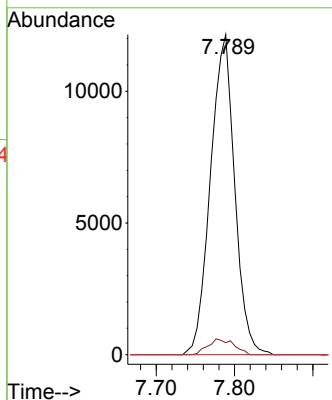
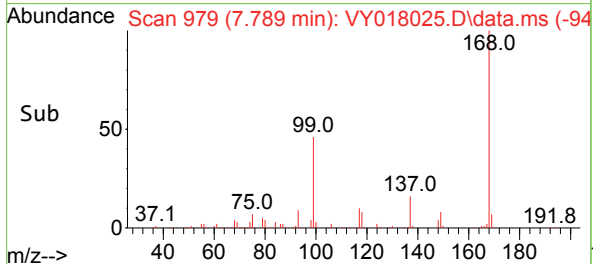


#38
Carbon Tetrachloride
Concen: 5.520 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

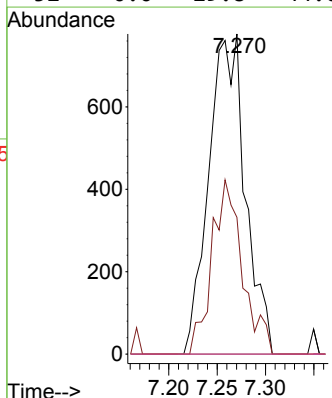
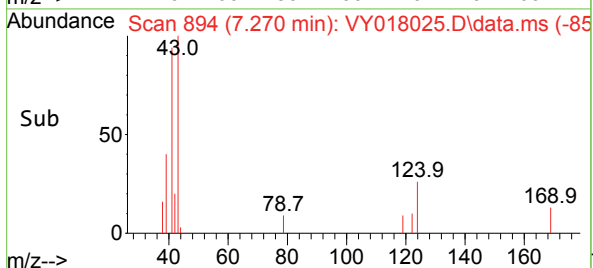
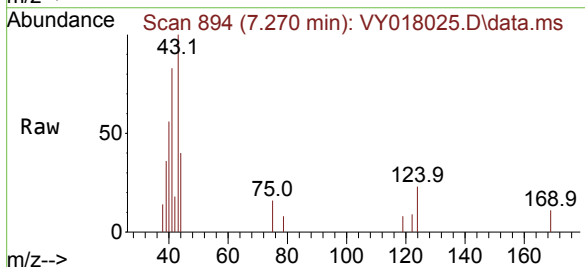


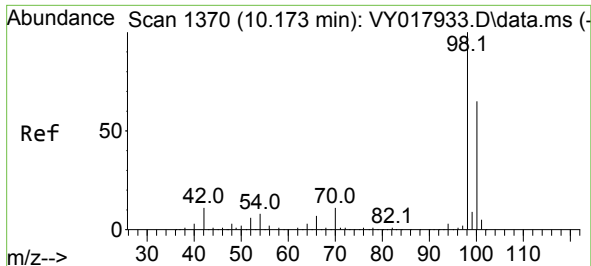
Tgt Ion:117 Resp: 26098
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 1.677 ug/l
RT: 7.270 min Scan# 894
Delta R.T. -0.061 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 41 Resp: 2037
Ion Ratio Lower Upper
41 100
39 45.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#

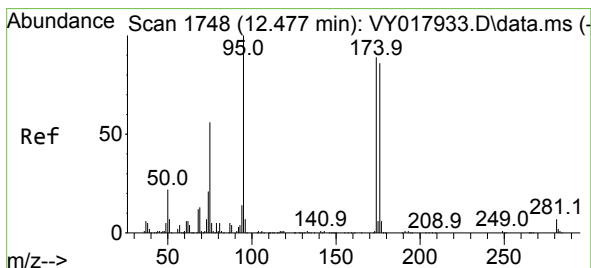
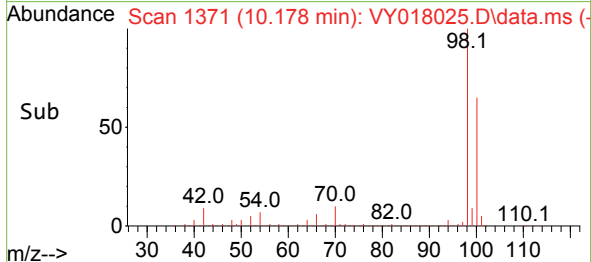
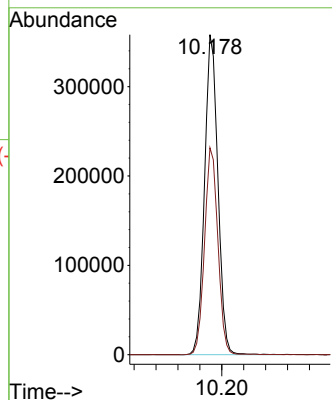
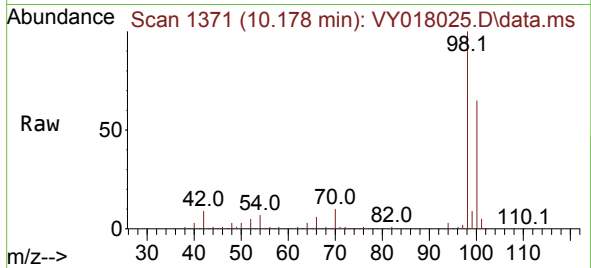




#50
Toluene-d8
Concen: 49.394 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

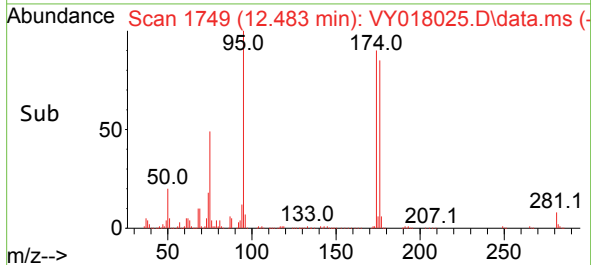
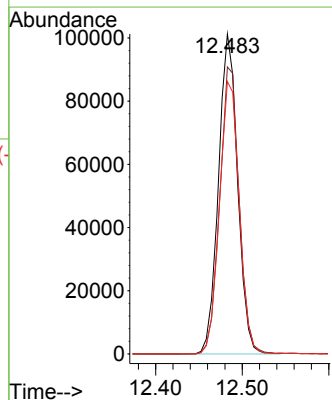
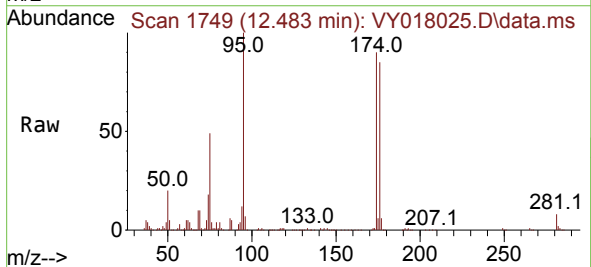
Instrument :
MSVOA_Y
ClientSampleId :

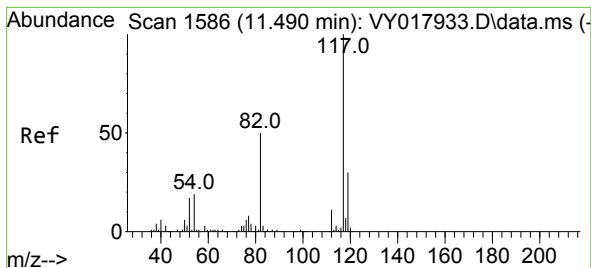
Tgt Ion: 98 Resp: 603126
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 95 Resp: 155201
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 88.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

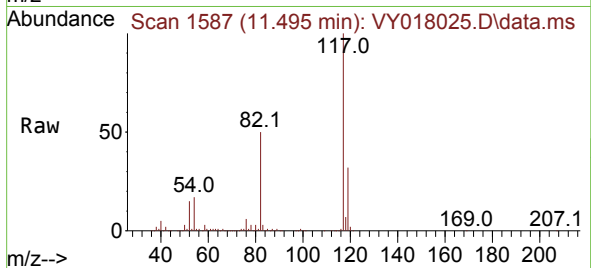
Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :



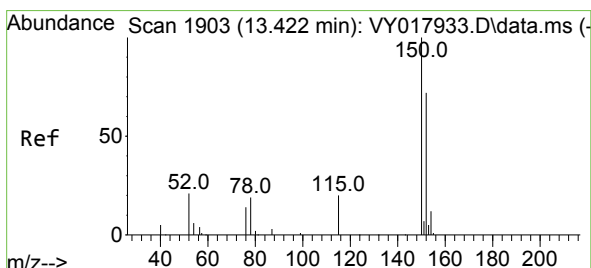
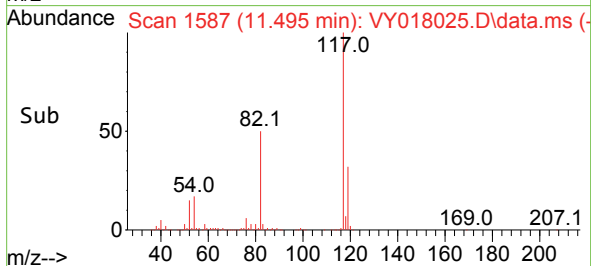
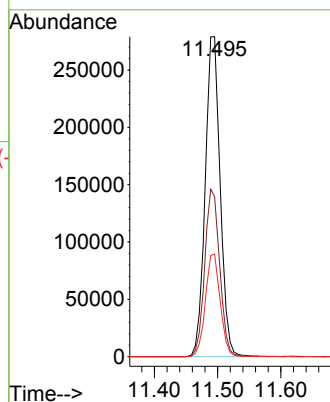
Tgt Ion:117 Resp: 460198

Ion	Ratio	Lower	Upper
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117	100		
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82	50.0	42.4	63.6
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119	32.1	25.9	38.9
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

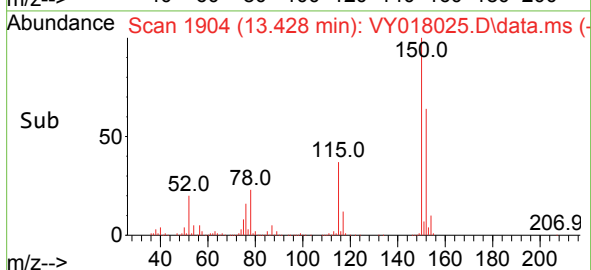
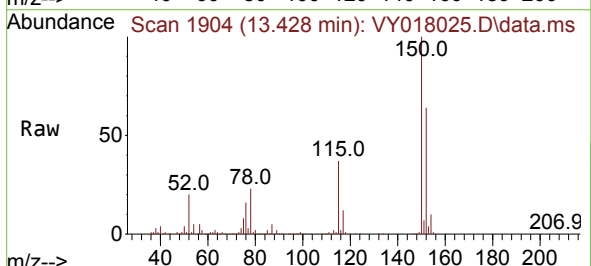
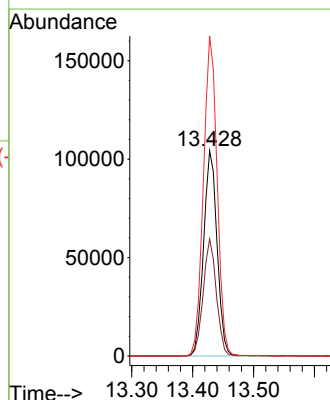
Tgt Ion:152 Resp: 160764

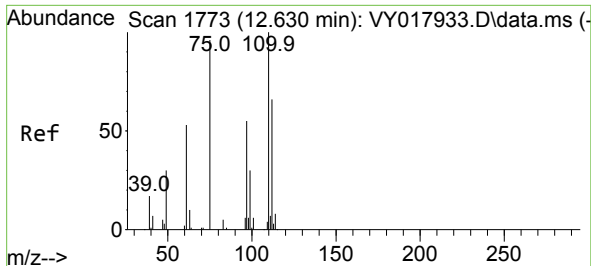
Ion	Ratio	Lower	Upper
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152	100		
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115	55.7	28.2	84.7
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150	158.2	0.0	345.6
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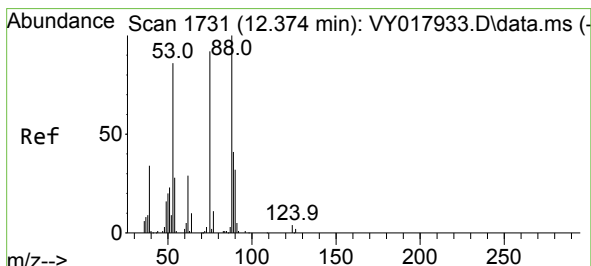
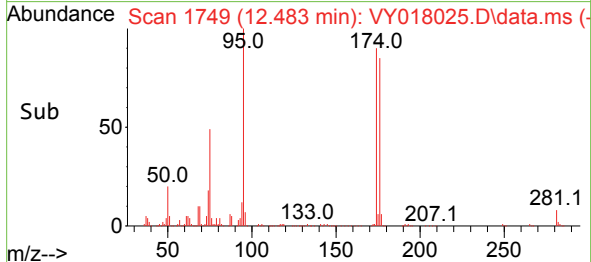
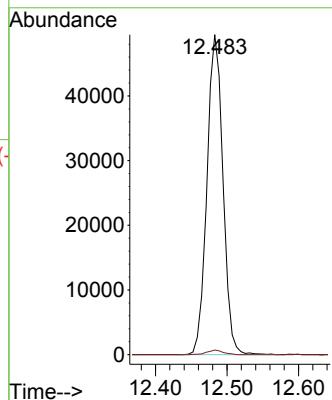
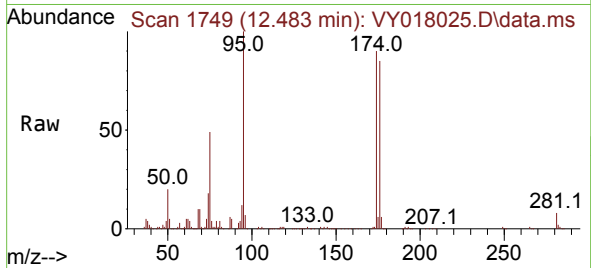




#76
1,2,3-Trichloropropane
Concen: 50.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76936
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.150 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 75 Resp: 76936
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

