

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016532.D
 Acq On : 29 Nov 2023 12:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:10:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	105945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	173967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	158929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	63100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	48492	57.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.860%
35) Dibromofluoromethane	7.746	113	51559	50.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.203	98	200800	50.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.508	95	60746	48.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.800%

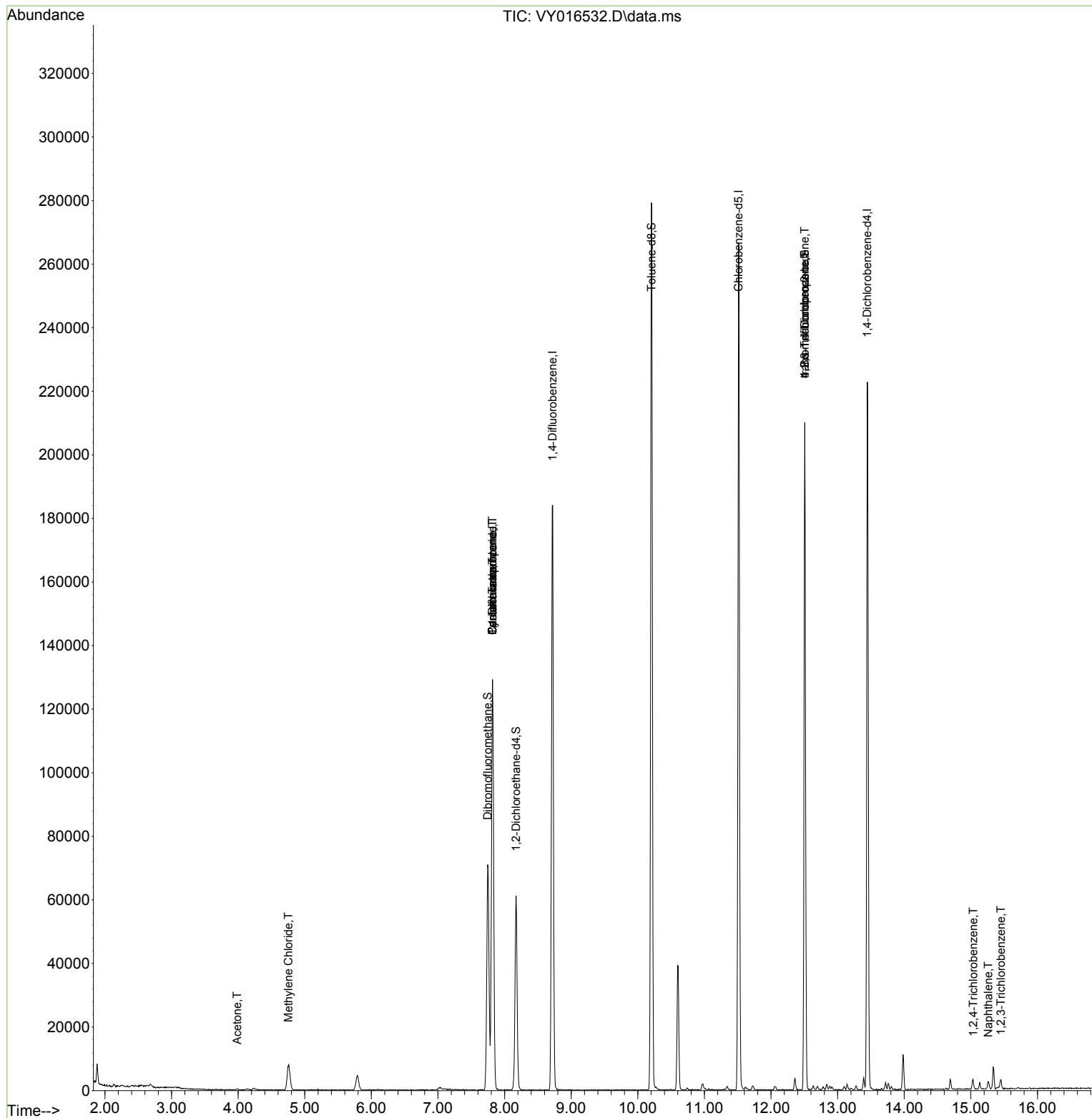
Target Compounds					Qvalue	
16) Acetone	3.985	43	525	8.223	ug/l #	84
20) Methylene Chloride	4.753	84	6991	4.707	ug/l #	74
31) Cyclohexane	7.819	56	1594	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	7016	4.653	ug/l #	50
38) Carbon Tetrachloride	7.819	117	9961	5.629	ug/l #	17
76) 1,2,3-Trichloropropane	12.508	75	29664	55.807	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	29664	122.113	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.038	180	1377	4.586	ug/l	96
95) Naphthalene	15.263	128	2476	6.075	ug/l	97
96) 1,2,3-Trichlorobenzene	15.452	180	1218	5.356	ug/l	94

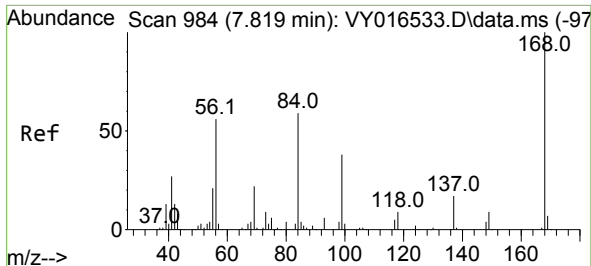
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
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Quant Time: Nov 30 03:10:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 02:51:41 2023
Response via : Initial Calibration

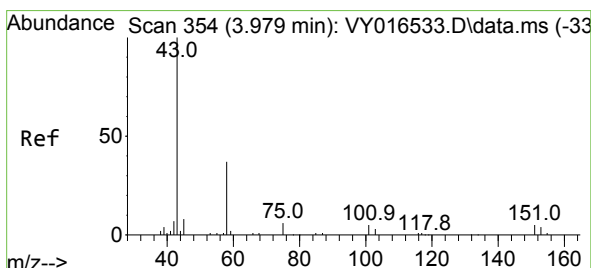
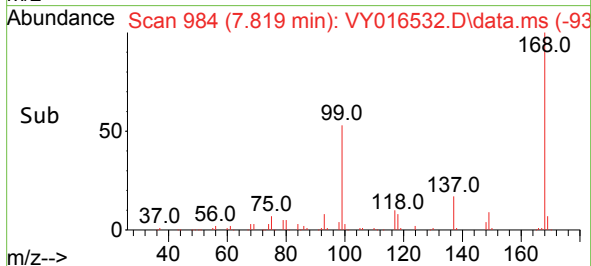
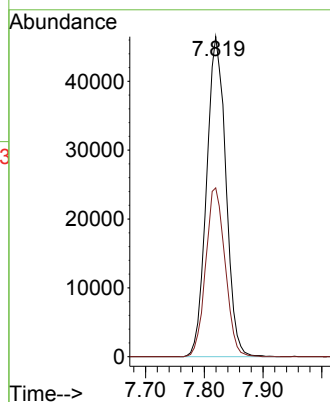
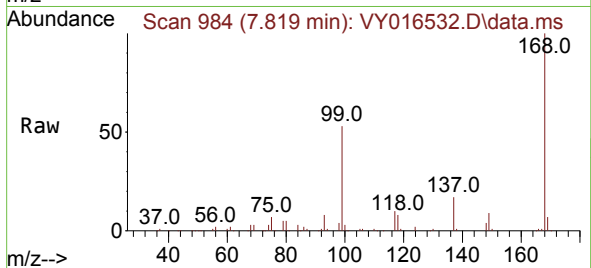




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

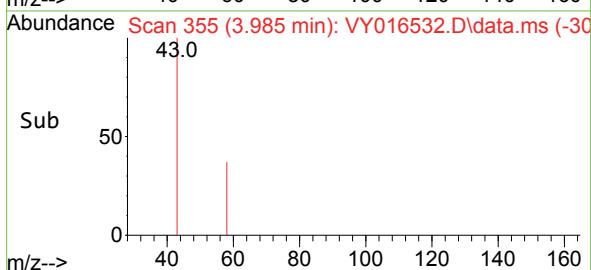
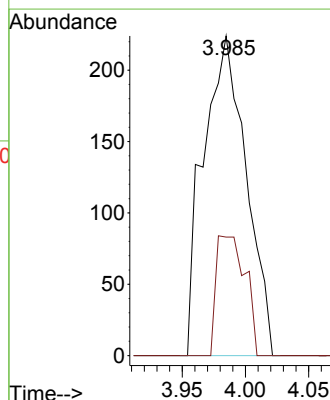
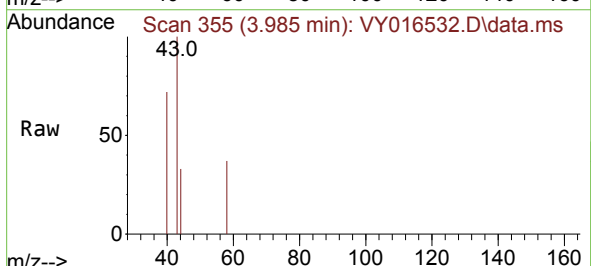
Instrument :
MSVOA_Y
ClientSampleId :

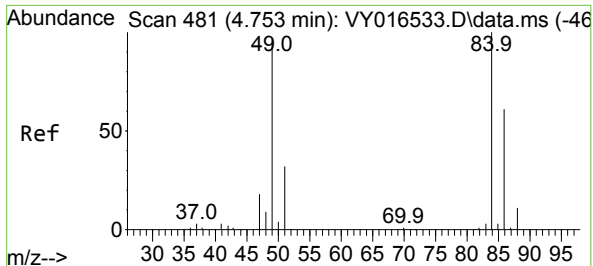
Tgt Ion:168 Resp: 105945
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#16
Acetone
Concen: 8.223 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

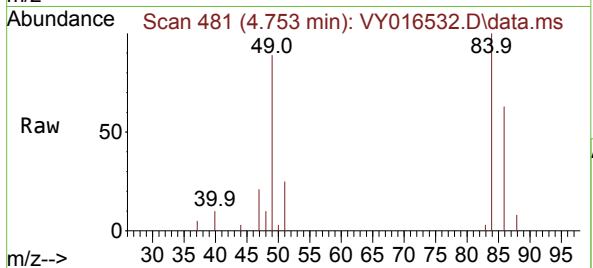
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 37.1 22.7 34.1#





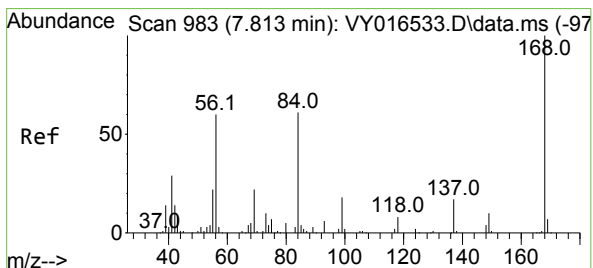
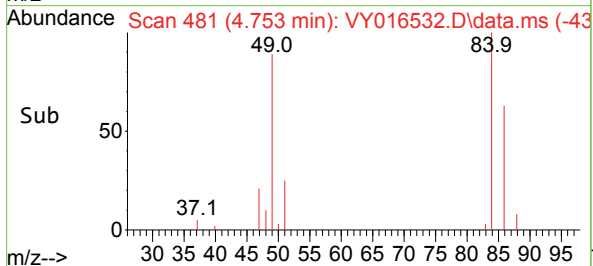
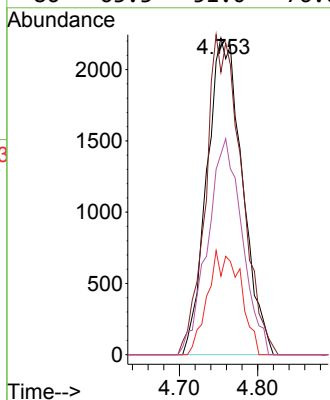
#20
Methylene Chloride
Concen: 4.707 ug/l
RT: 4.753 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6991

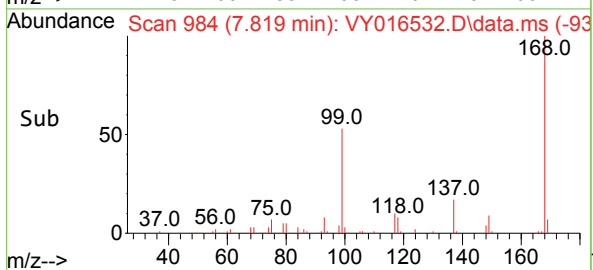
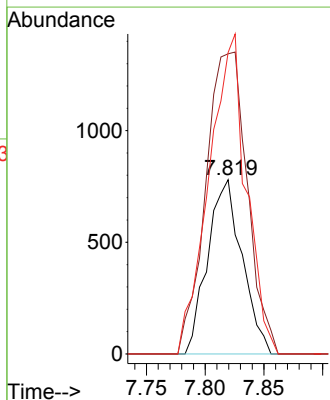
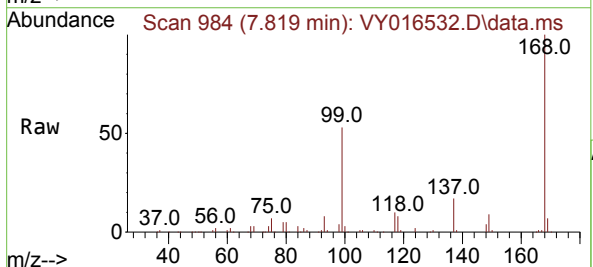
Ion	Ratio	Lower	Upper
84	100		
49	89.2	106.9	160.3#
51	24.8	33.2	49.8#
86	63.3	51.0	76.6

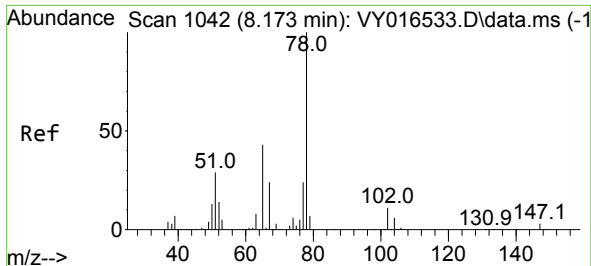


#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Tgt Ion: 56 Resp: 1594

Ion	Ratio	Lower	Upper
56	100		
69	172.3	27.8	41.6#
84	173.1	66.4	99.6#

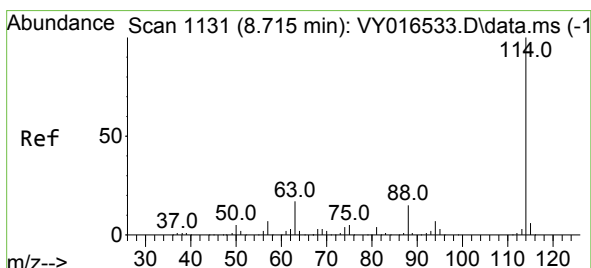
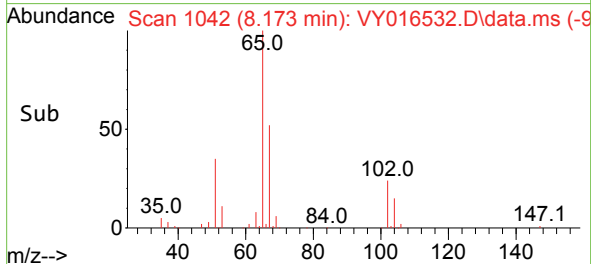
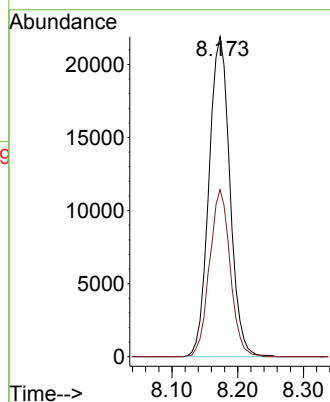
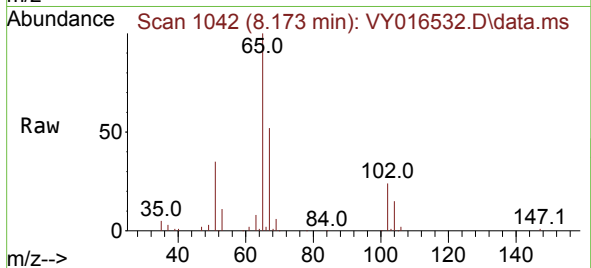




#33
 1,2-Dichloroethane-d4
 Concen: 57.935 ug/l
 RT: 8.173 min Scan# 1042
 Delta R.T. 0.000 min
 Lab File: VY016532.D
 Acq: 29 Nov 2023 12:05

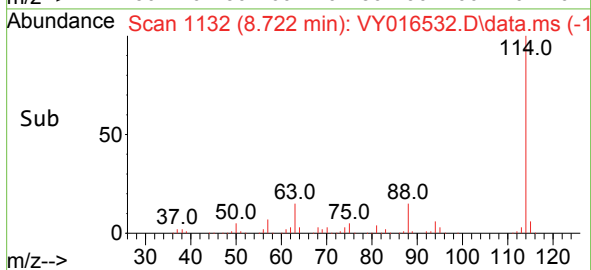
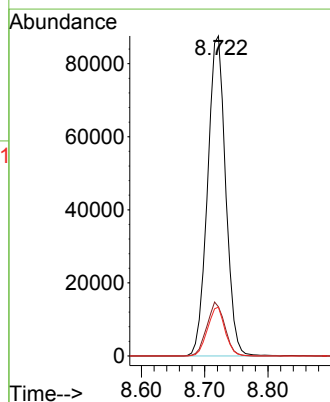
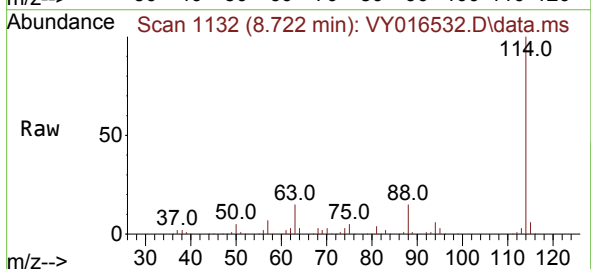
Instrument :
 MSVOA_Y
 ClientSampleId :

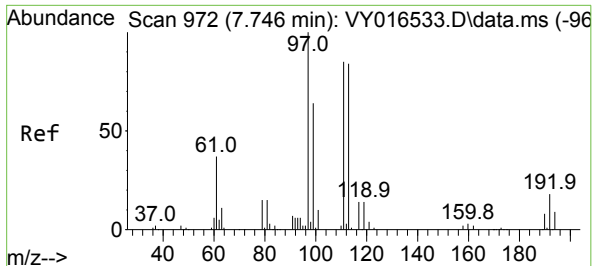
Tgt Ion: 65 Resp: 48492
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY016532.D
 Acq: 29 Nov 2023 12:05

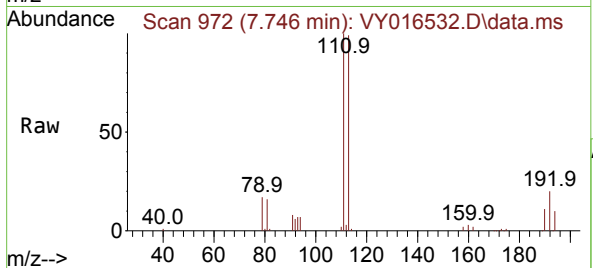
Tgt Ion: 114 Resp: 173967
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 42.4
 88 15.3 0.0 30.6



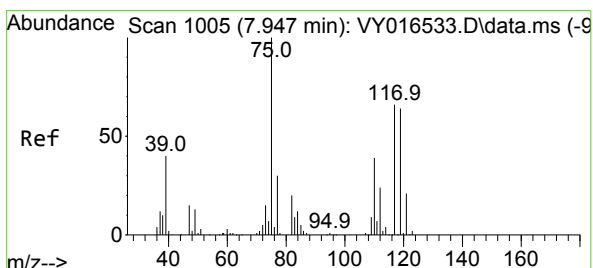
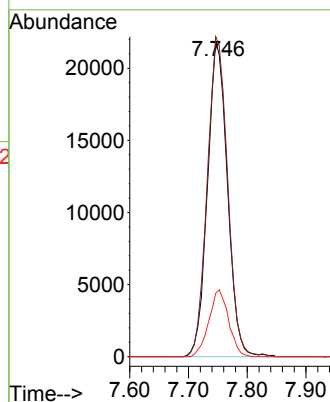
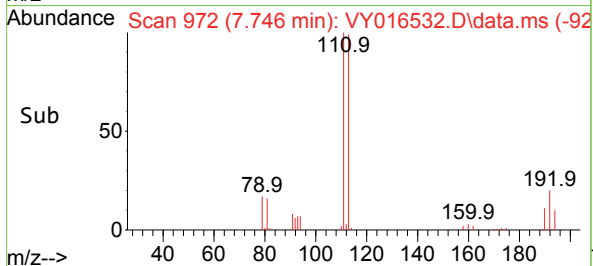


#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

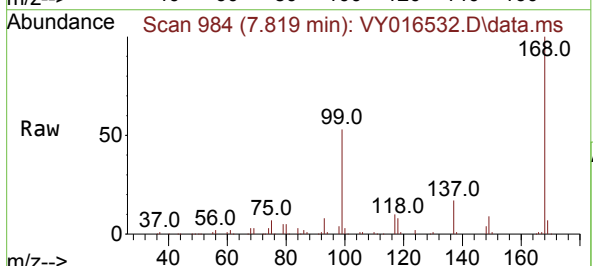
Instrument :
MSVOA_Y
ClientSampleId :



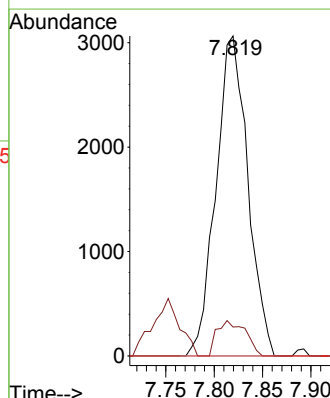
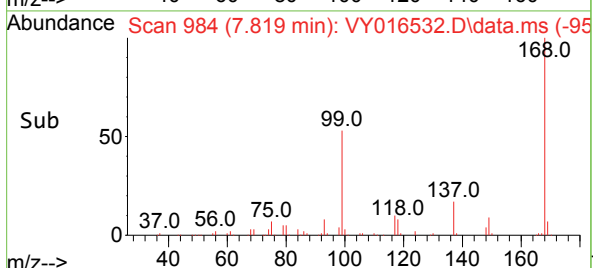
Tgt Ion:113 Resp: 51559
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 21.0 16.9 25.3

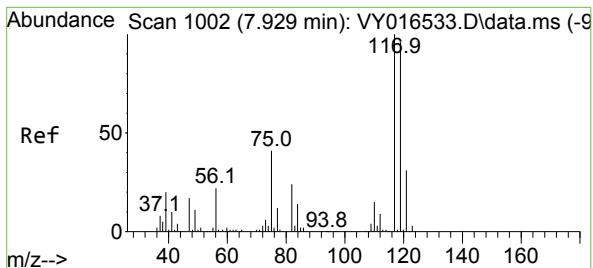


#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05



Tgt Ion: 75 Resp: 7016
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.629 ug/l

RT: 7.819 min Scan# 91

Delta R.T. -0.110 min

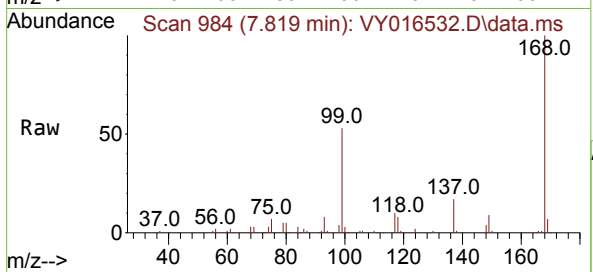
Lab File: VY016532.D

Acq: 29 Nov 2023 12:05

Instrument :

MSVOA_Y

ClientSampleId :



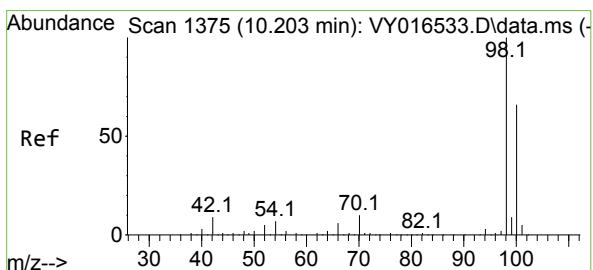
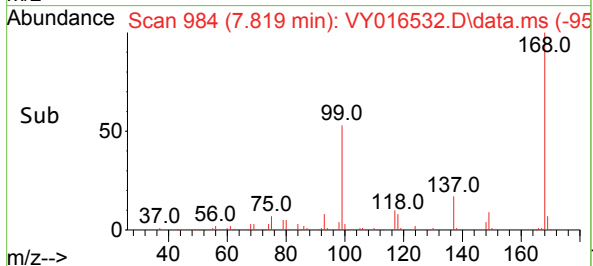
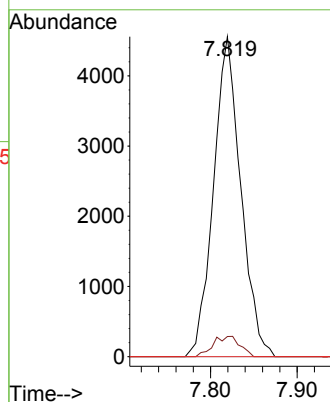
Tgt Ion:117 Resp: 9961

Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.706 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016532.D

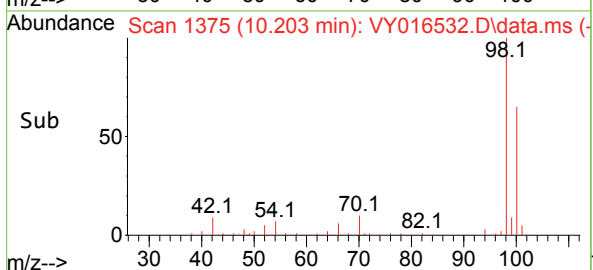
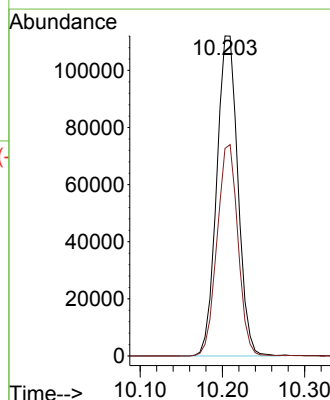
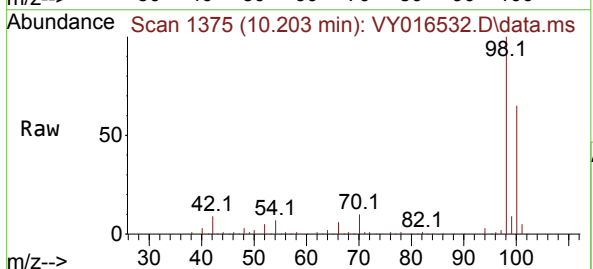
Acq: 29 Nov 2023 12:05

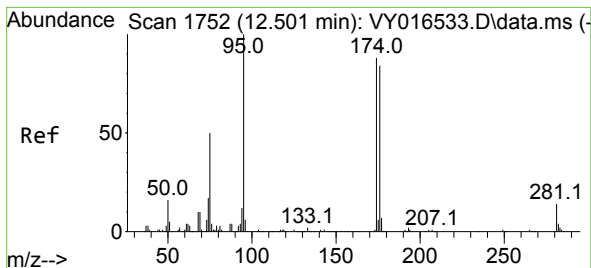
Tgt Ion: 98 Resp: 200800

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

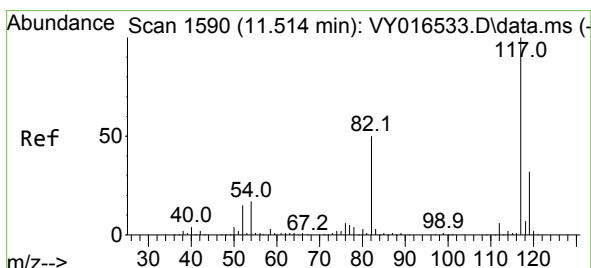
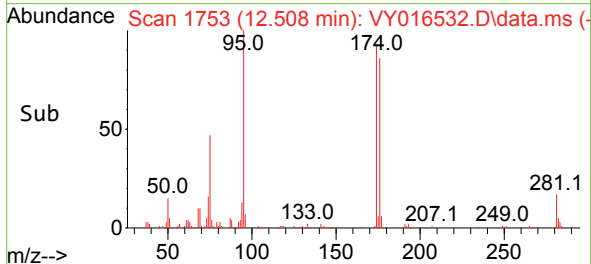
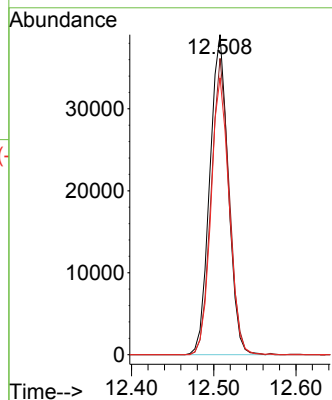
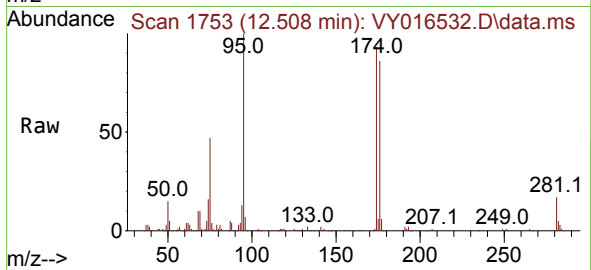




#62
4-Bromofluorobenzene
Concen: 48.898 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

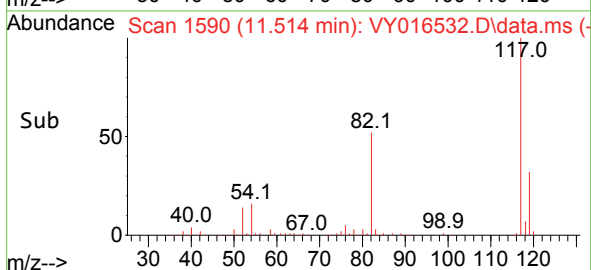
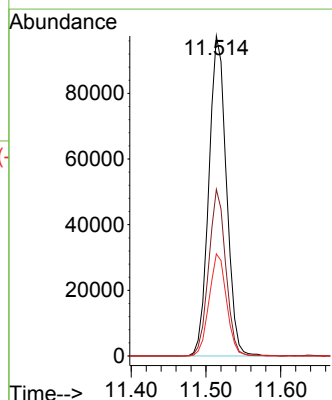
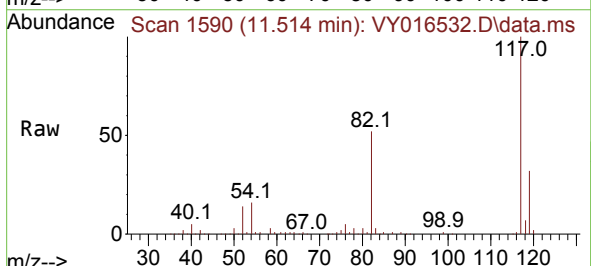
Instrument :
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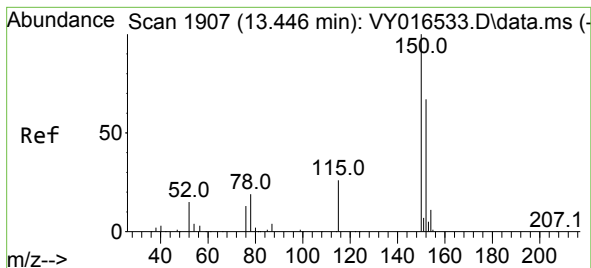
Tgt Ion: 95 Resp: 60746
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 85.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Tgt Ion: 117 Resp: 158929
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016532.D

Acq: 29 Nov 2023 12:05

Instrument :

MSVOA_Y

ClientSampleId :

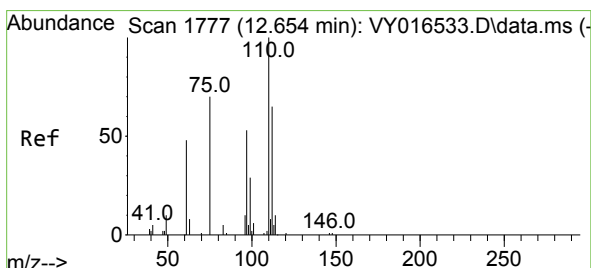
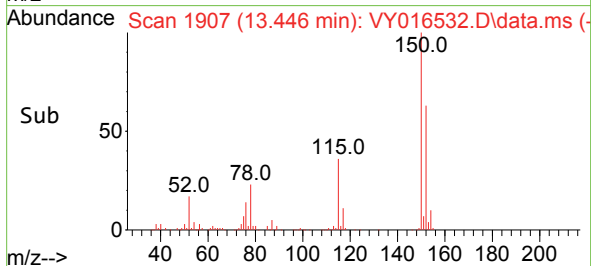
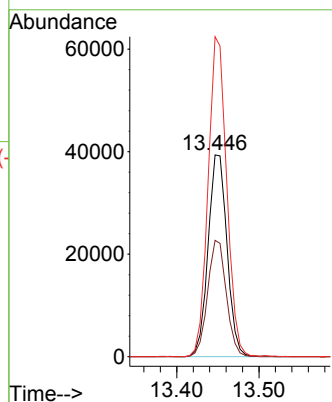
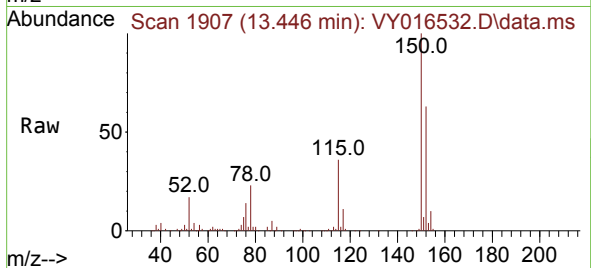
Tgt Ion:152 Resp: 63100

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 155.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 55.807 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY016532.D

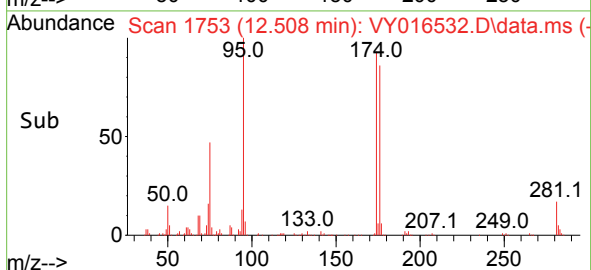
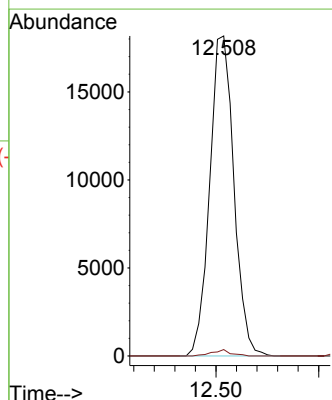
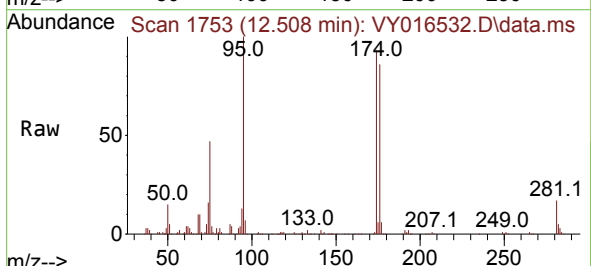
Acq: 29 Nov 2023 12:05

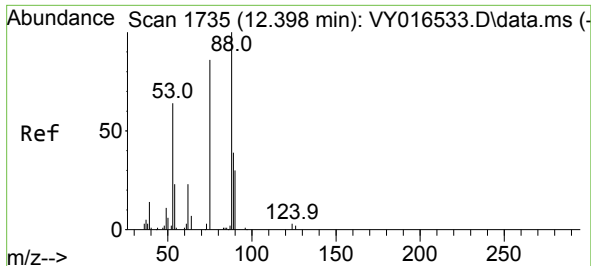
Tgt Ion: 75 Resp: 29664

Ion Ratio Lower Upper

75 100

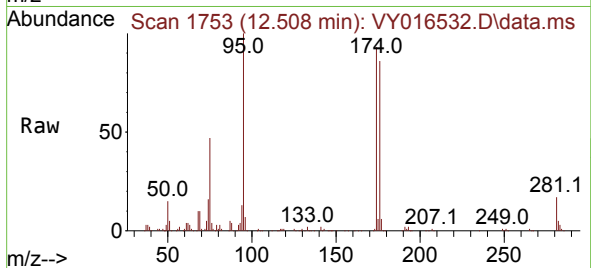
77 1.5 0.0 0.0#



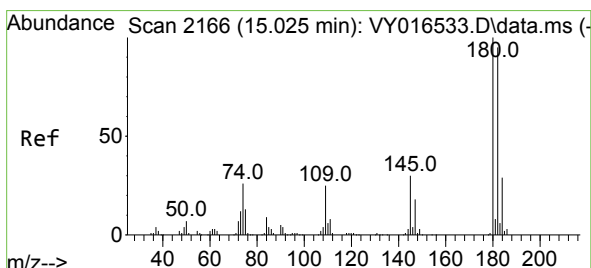
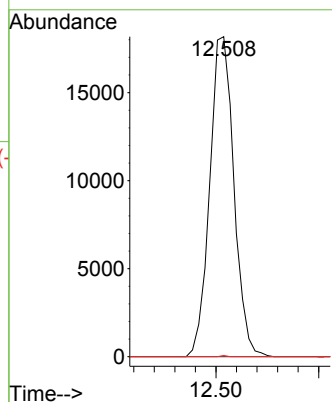
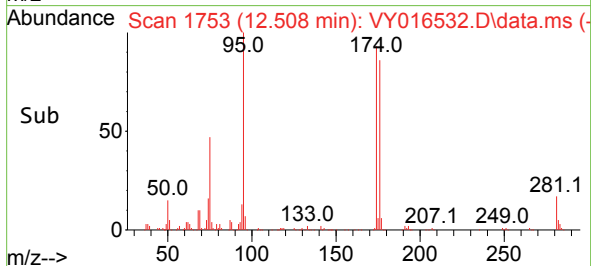


#81
trans-1,4-Dichloro-2-butene
Concen: 122.113 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

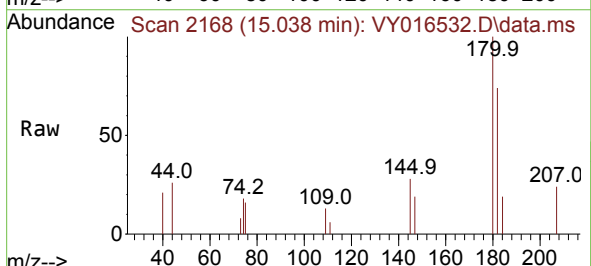
Instrument :
MSVOA_Y
ClientSampleId :



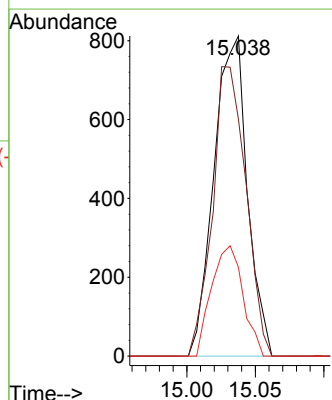
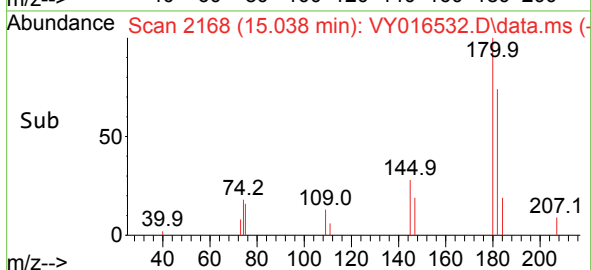
Tgt Ion: 75 Resp: 29664
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

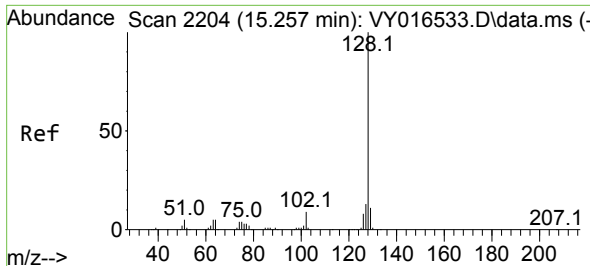


#93
1,2,4-Trichlorobenzene
Concen: 4.586 ug/l
RT: 15.038 min Scan# 2168
Delta R.T. 0.013 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05



Tgt Ion: 180 Resp: 1377
Ion Ratio Lower Upper
180 100
182 90.5 47.0 141.2
145 32.5 14.5 43.5

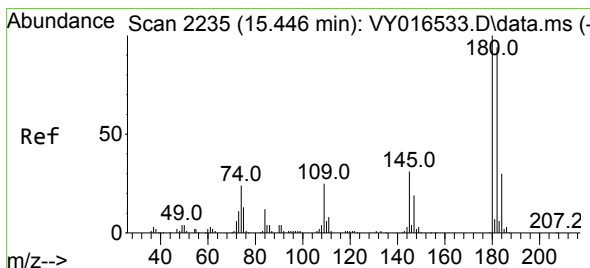
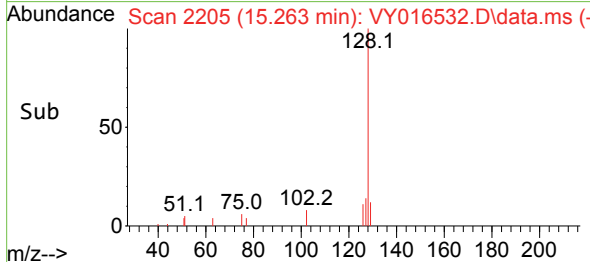
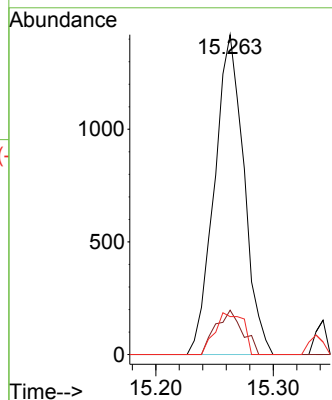
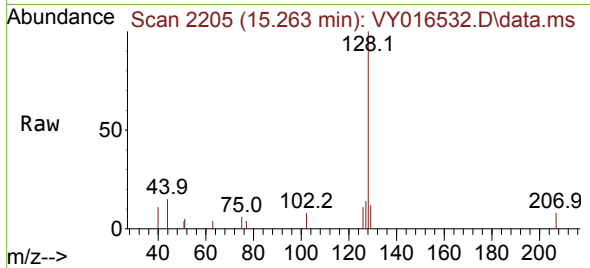




#95
Naphthalene
Concen: 6.075 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	2476
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.8 16.2
129	12.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.356 ug/l
RT: 15.452 min Scan# 2236
Delta R.T. 0.006 min
Lab File: VY016532.D
Acq: 29 Nov 2023 12:05

Tgt Ion:180	Resp:	1218
Ion Ratio	Lower	Upper
180	100	
182	98.5	47.3 141.8
145	36.7	15.4 46.2

