

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016087.D
 Acq On : 26 Oct 2023 19:06
 Operator : SY/MD
 Sample : 05050-06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:21:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61290	60.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.420%
35) Dibromofluoromethane	7.716	113	58197	53.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.179	98	203268	50.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.483	95	67185	48.541	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.080%

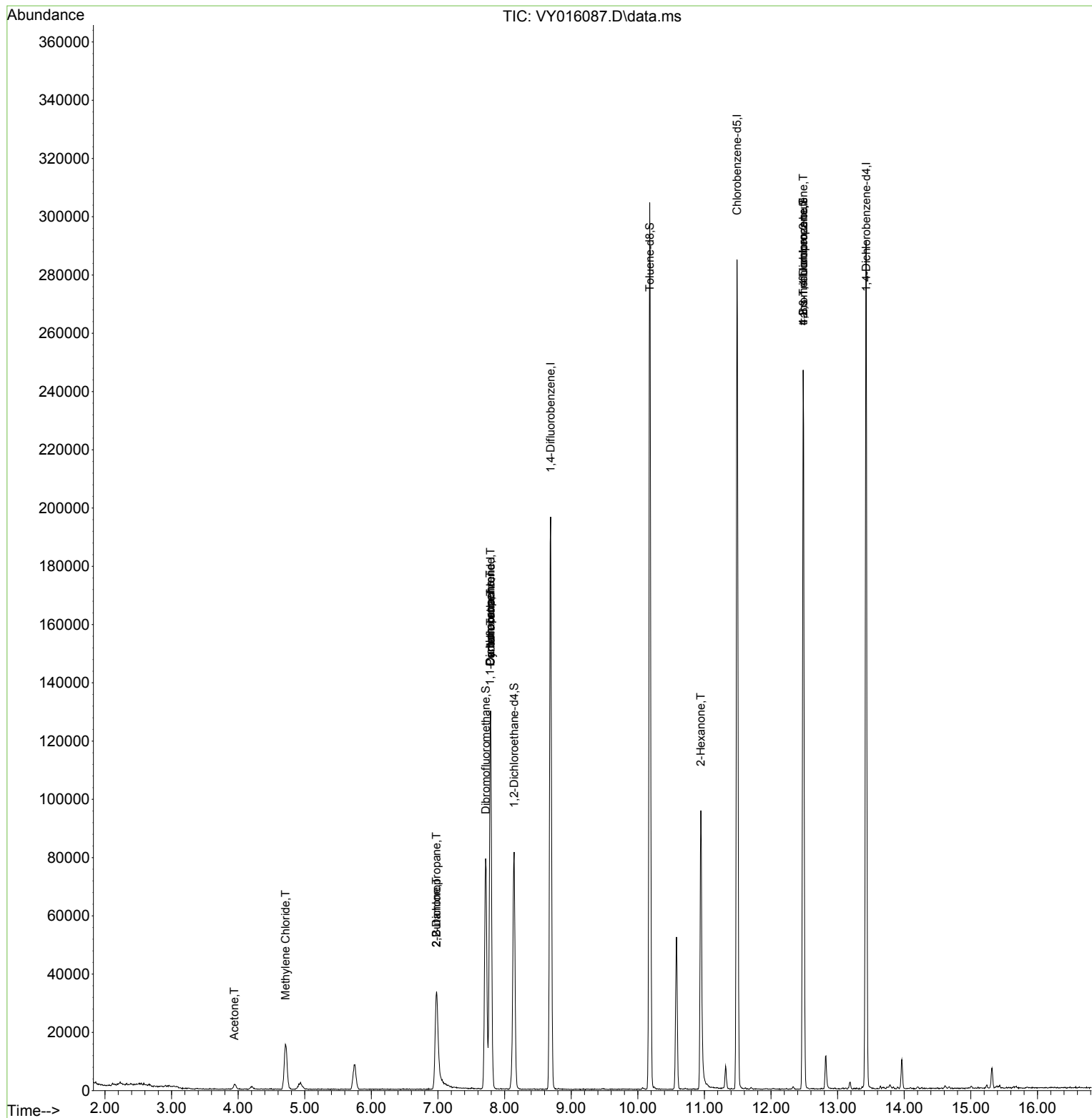
Target Compounds						Qvalue
16) Acetone	3.942	43	3472	12.583	ug/l	99
20) Methylene Chloride	4.710	84	12279	6.335	ug/l	88
25) 2-Butanone	6.978	43	1932	5.188	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	3101	1.852	ug/l #	54
31) Cyclohexane	7.789	56	1941	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7820	5.150	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9917	6.176	ug/l #	17
59) 2-Hexanone	10.947	43	948	1.676	ug/l #	49
76) 1,2,3-Trichloropropane	12.483	75	35363	46.160	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35363	100.311	ug/l #	11

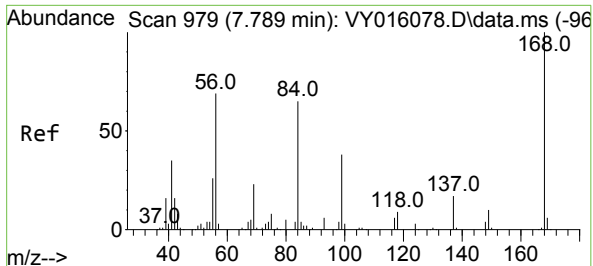
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
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ClientSampleId :

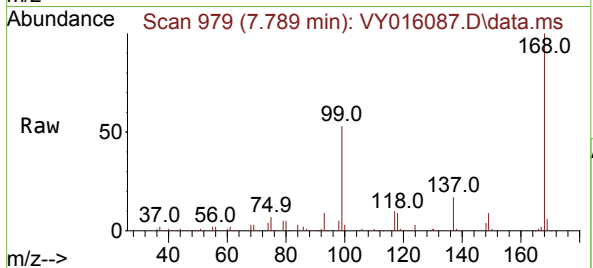
Quant Time: Oct 27 04:21:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



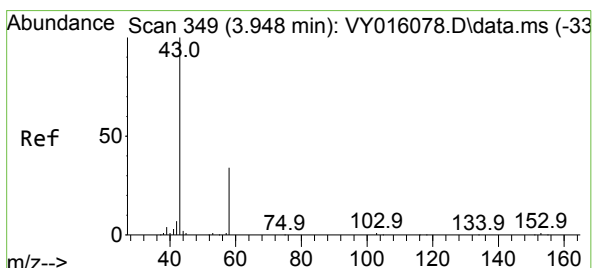
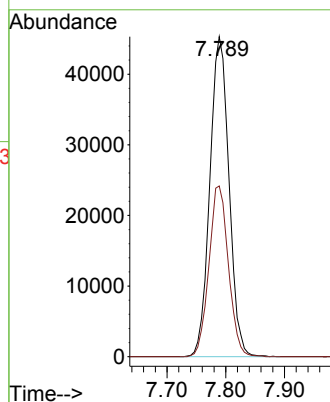
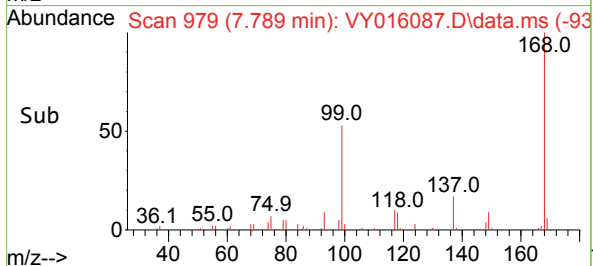


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :

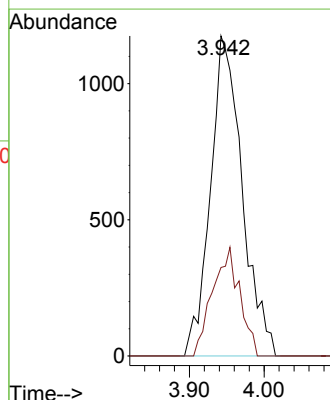
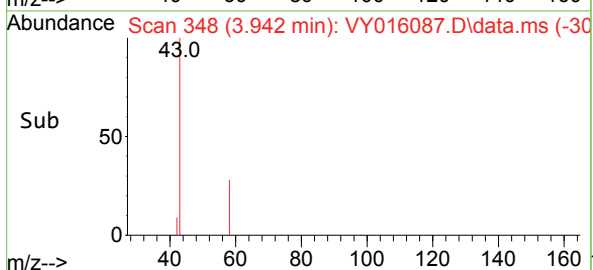
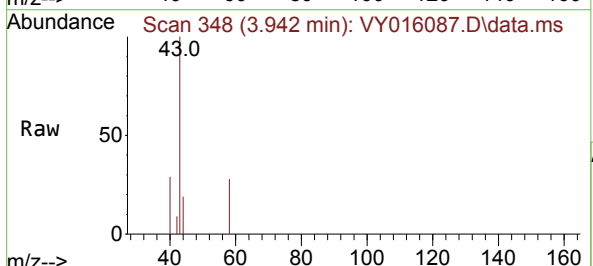


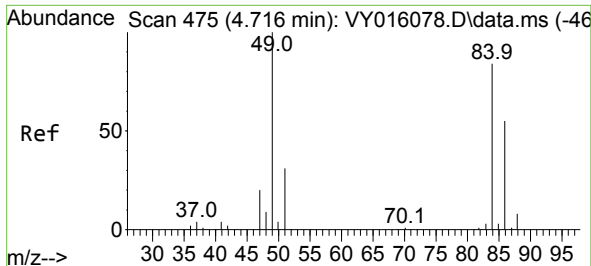
Tgt Ion:168 Resp: 102379
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 12.583 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

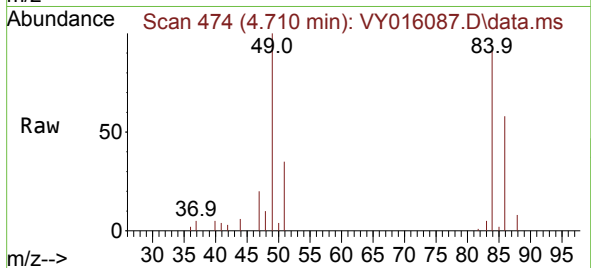
Tgt Ion: 43 Resp: 3472
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1





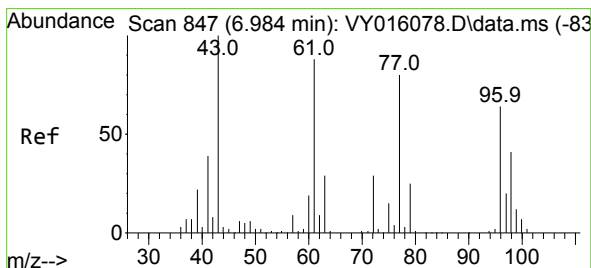
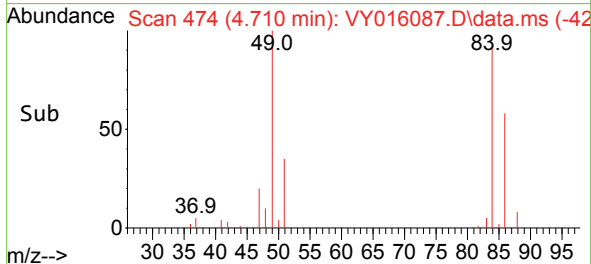
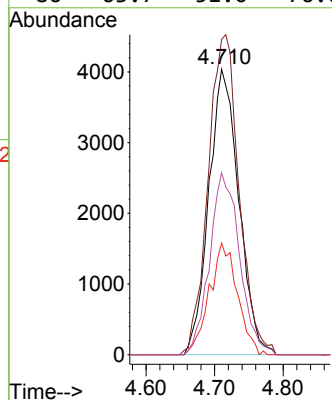
#20
Methylene Chloride
Concen: 6.335 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12279

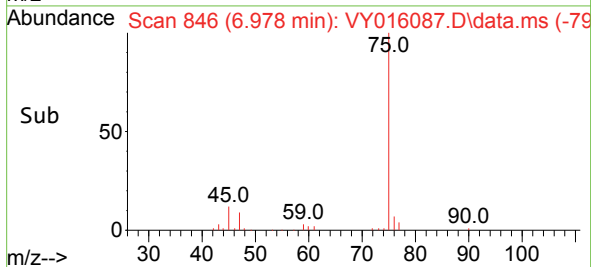
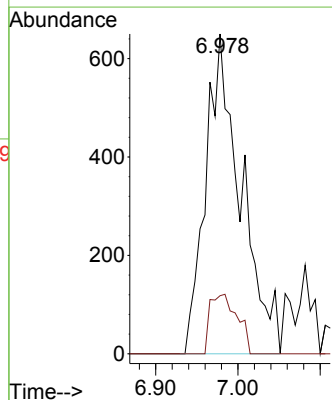
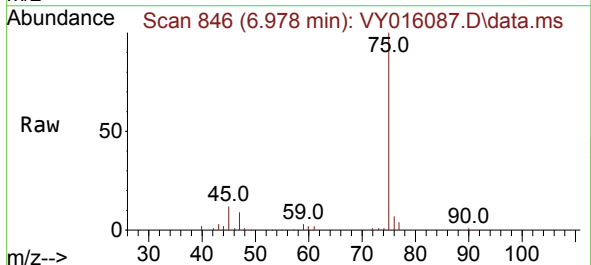
Ion	Ratio	Lower	Upper
84	100		
49	110.5	106.9	160.3
51	39.1	33.2	49.8
86	63.7	51.0	76.6

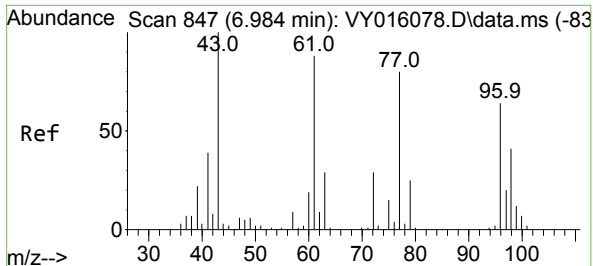


#25
2-Butanone
Concen: 5.188 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion: 43 Resp: 1932

Ion	Ratio	Lower	Upper
43	100		
72	18.2	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.852 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016087.D

Acq: 26 Oct 2023 19:06

Instrument :

MSVOA_Y

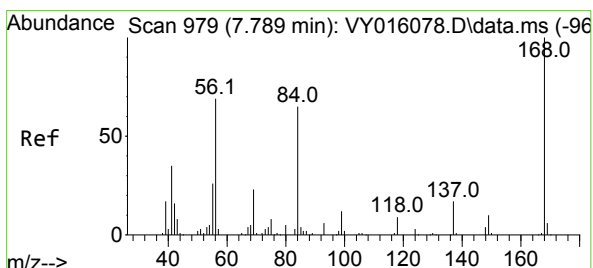
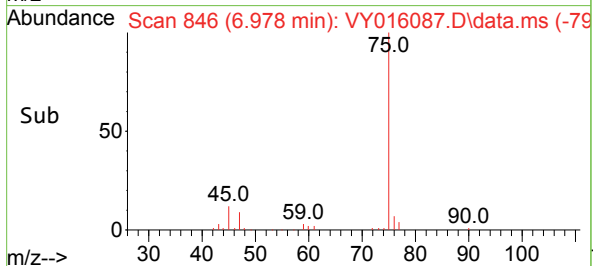
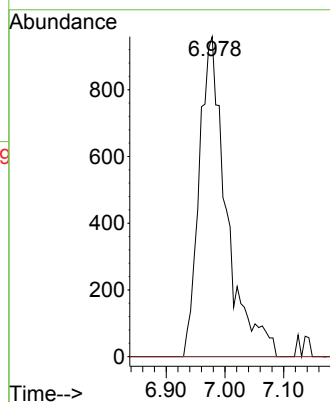
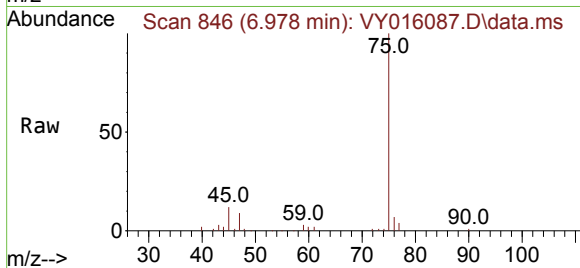
ClientSampleId :

Tgt Ion: 77 Resp: 3101

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY016087.D

Acq: 26 Oct 2023 19:06

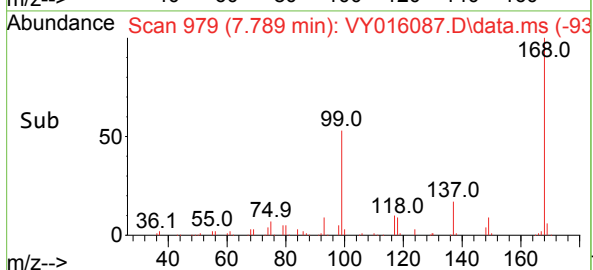
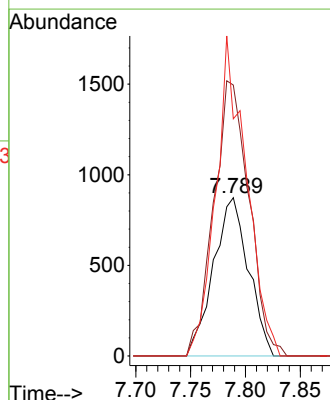
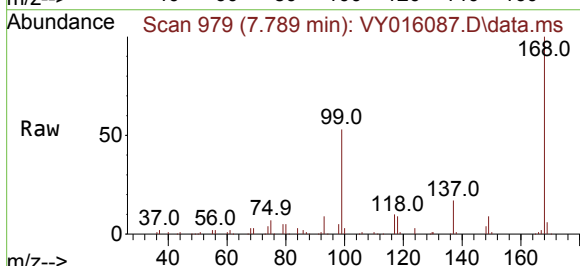
Tgt Ion: 56 Resp: 1941

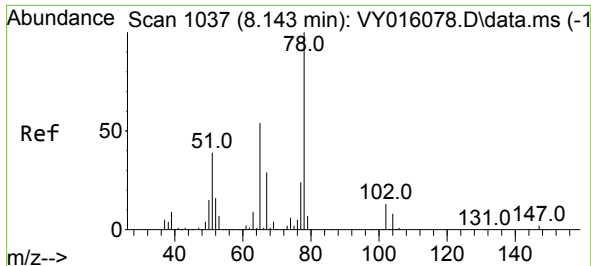
Ion Ratio Lower Upper

56 100

69 171.2 27.8 41.6#

84 149.9 66.4 99.6#

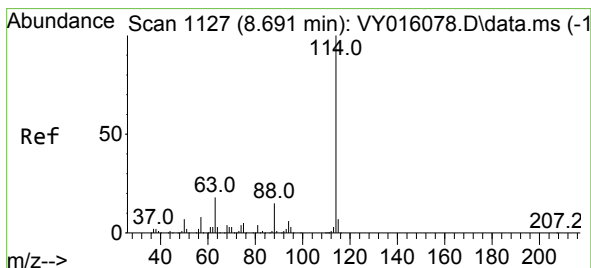
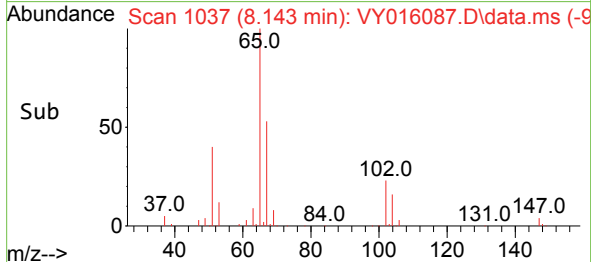
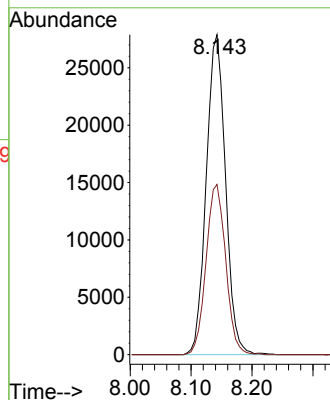
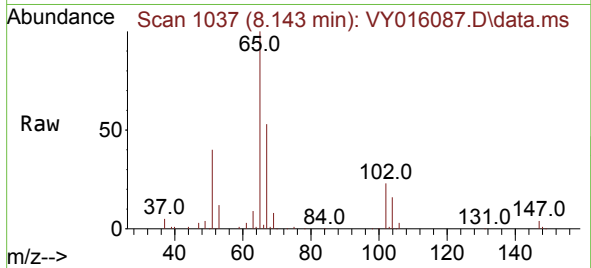




#33
 1,2-Dichloroethane-d4
 Concen: 60.205 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY016087.D
 Acq: 26 Oct 2023 19:06

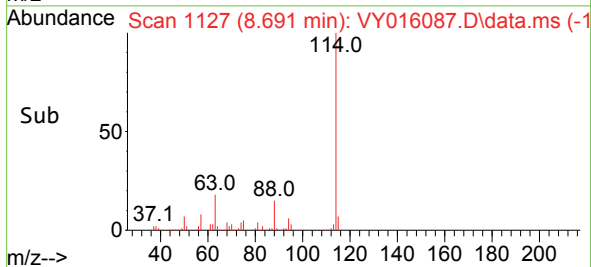
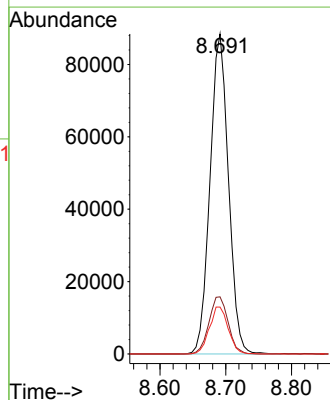
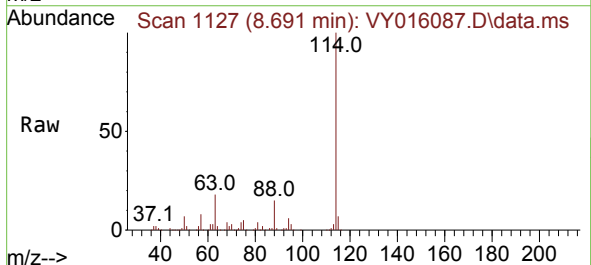
Instrument :
 MSVOA_Y
 ClientSampleId :

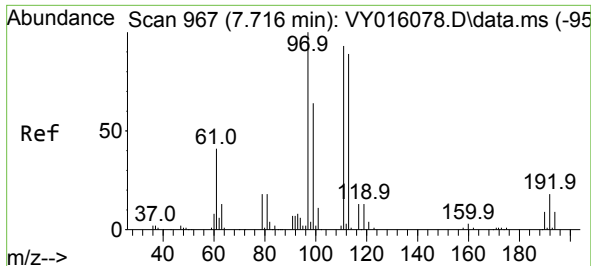
Tgt Ion: 65 Resp: 61290
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016087.D
 Acq: 26 Oct 2023 19:06

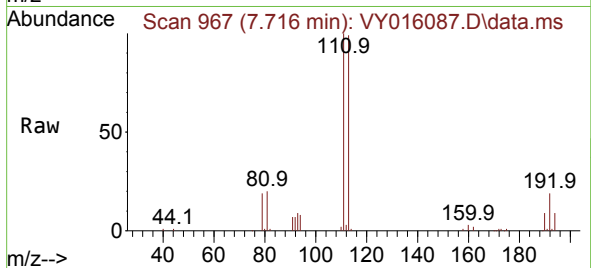
Tgt Ion: 114 Resp: 172551
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 42.4
 88 14.6 0.0 30.6



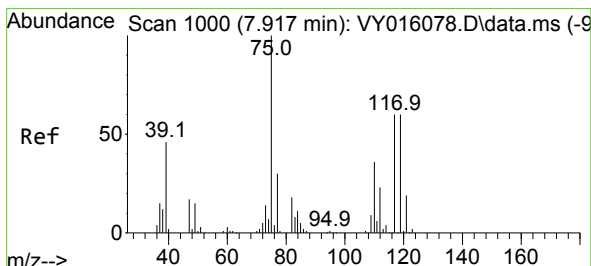
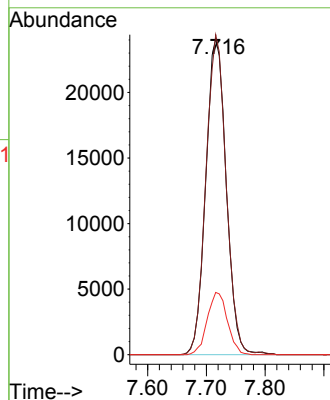
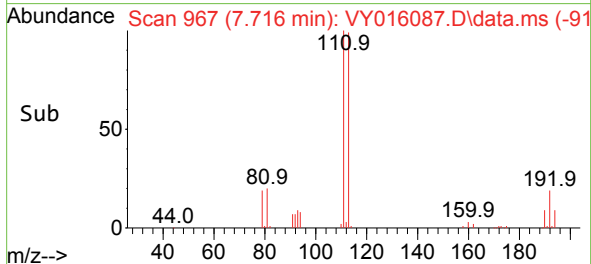


#35
Dibromofluoromethane
Concen: 53.426 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

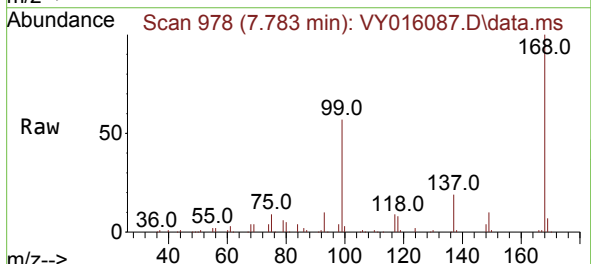
Instrument :
MSVOA_Y
ClientSampleId :



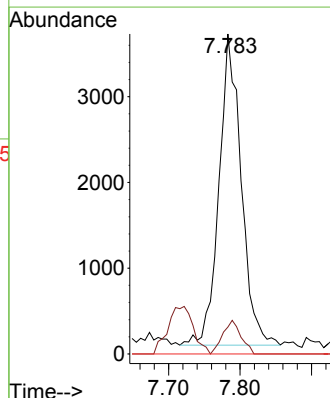
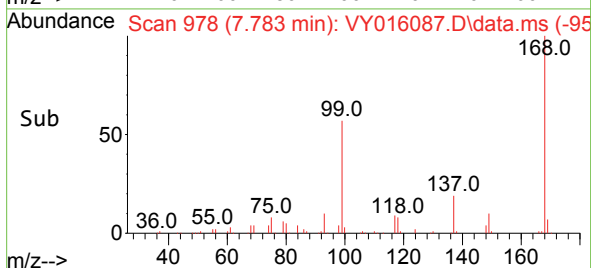
Tgt Ion:113 Resp: 58197
Ion Ratio Lower Upper
113 100
111 99.9 81.3 121.9
192 19.5 16.9 25.3

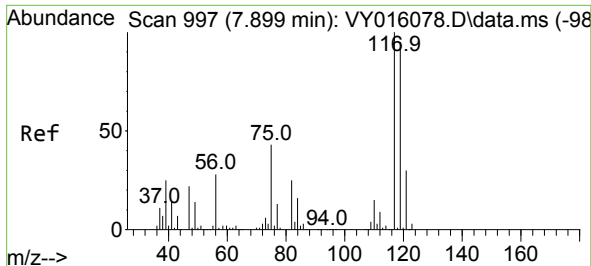


#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06



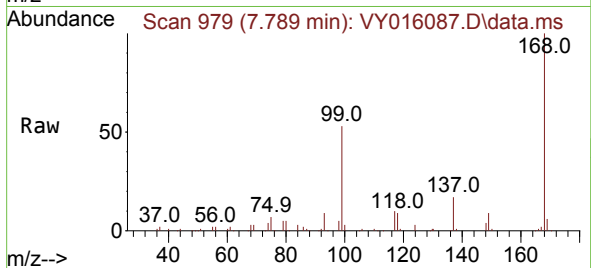
Tgt Ion: 75 Resp: 7820
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



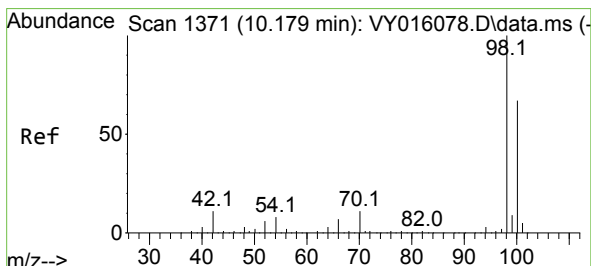
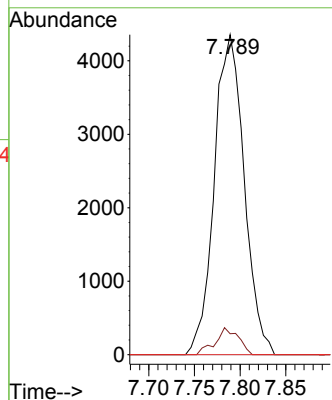
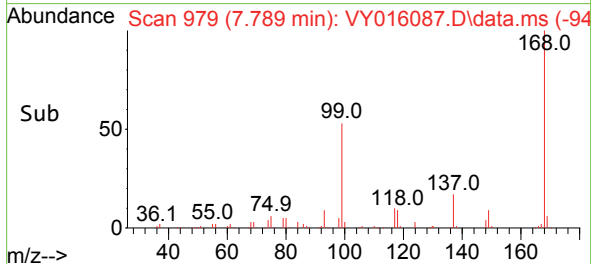


#38
Carbon Tetrachloride
Concen: 6.176 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :

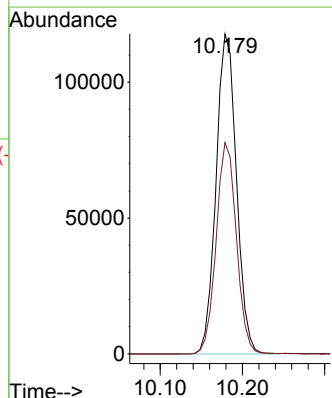
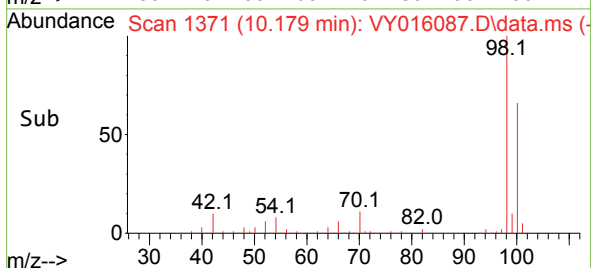
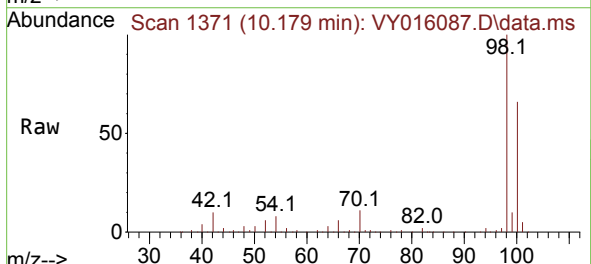


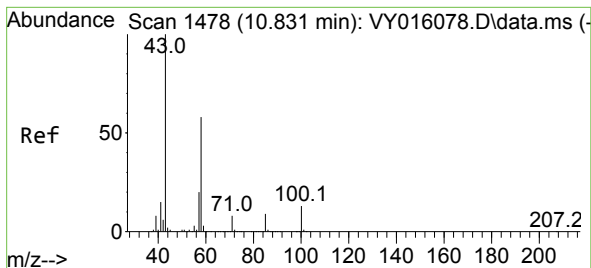
Tgt Ion:117 Resp: 9917
Ion Ratio Lower Upper
117 100
119 6.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion: 98 Resp: 203268
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

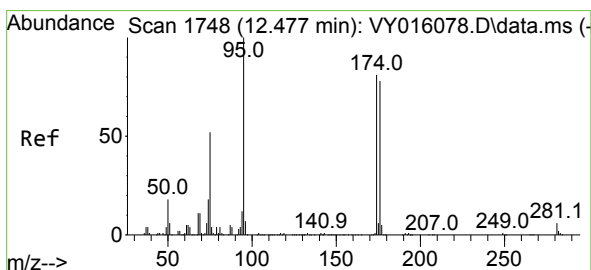
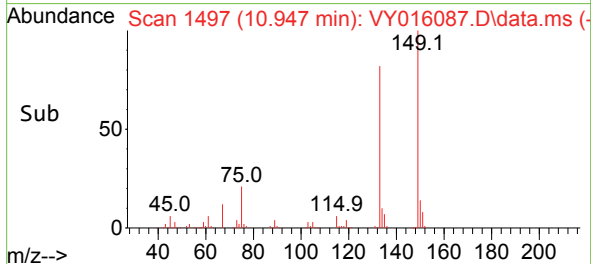
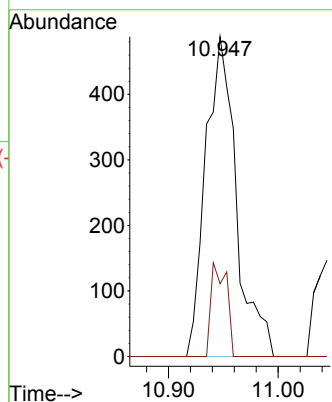
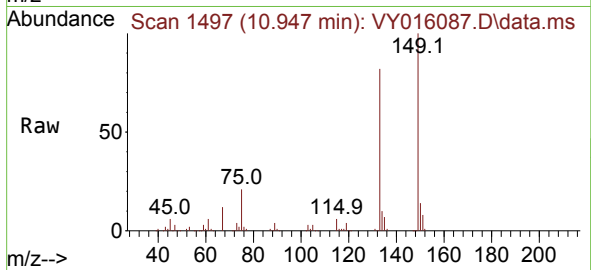




#59
2-Hexanone
Concen: 1.676 ug/l
RT: 10.947 min Scan# 1478
Delta R.T. 0.116 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

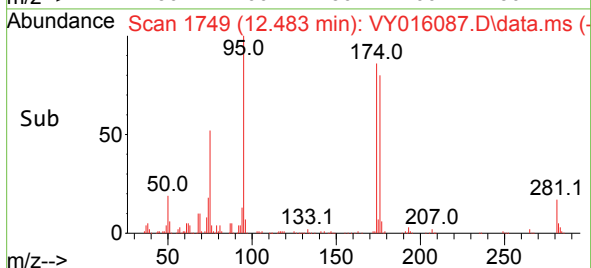
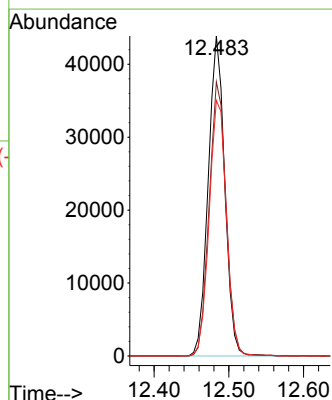
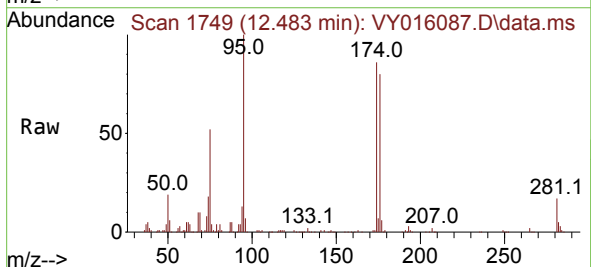
Instrument :
MSVOA_Y
ClientSampleId :

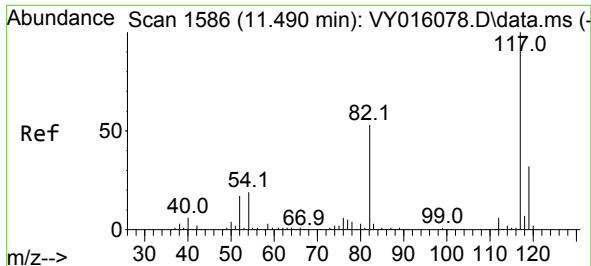
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 14.8 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 48.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion: 95 Resp: 67185
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 83.5 0.0 173.8

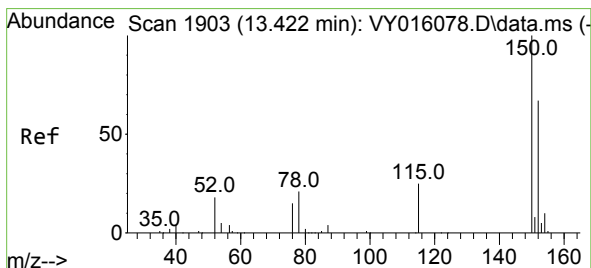
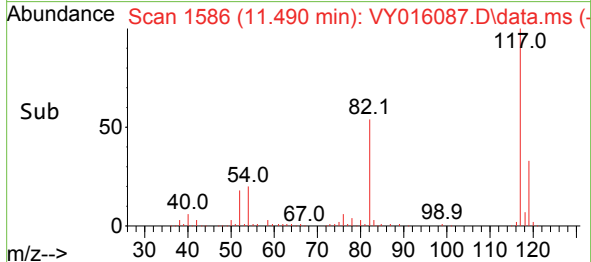
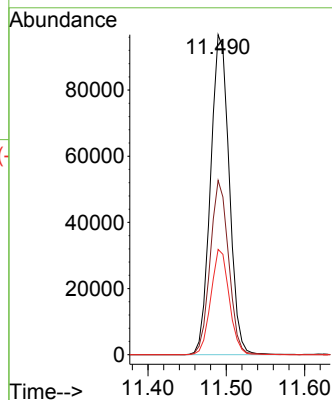
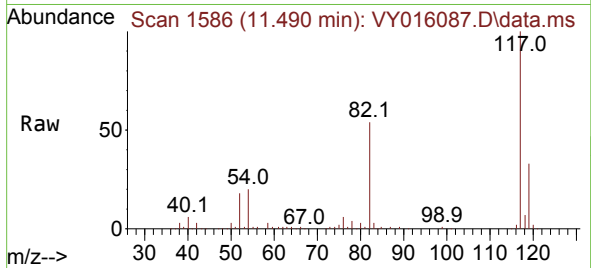




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

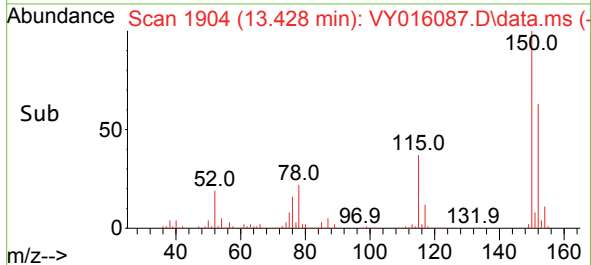
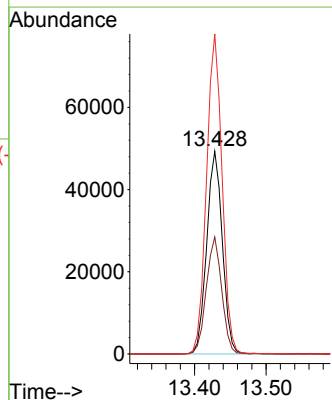
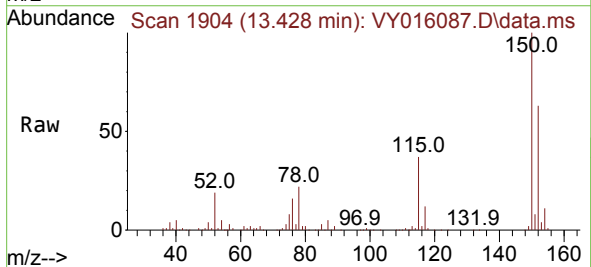
Instrument :
MSVOA_Y
ClientSampleId :

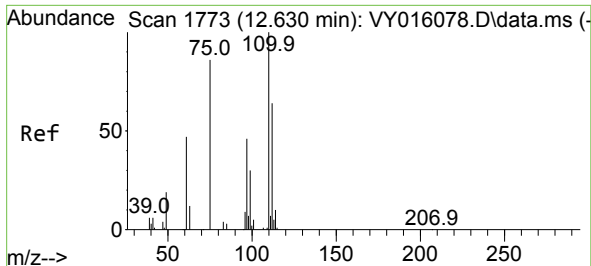
Tgt Ion:117 Resp: 160147
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion:152 Resp: 75037
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 156.8 0.0 348.8

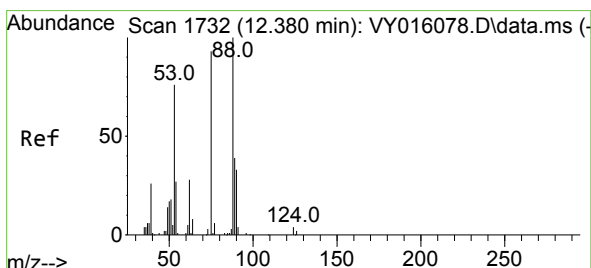
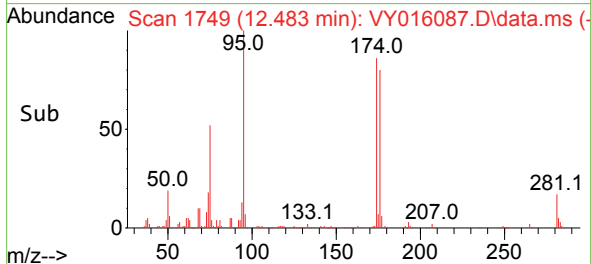
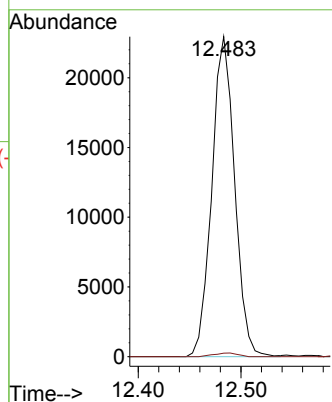
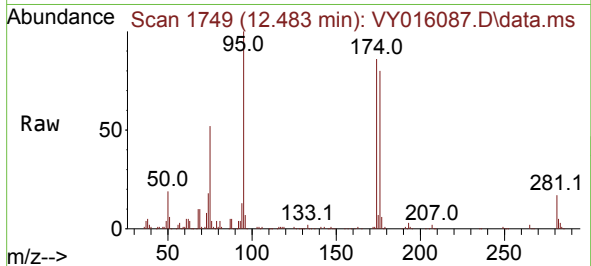




#76
1,2,3-Trichloropropane
Concen: 46.160 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35363
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion: 75 Resp: 35363
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#

