

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015419.D
 Acq On : 01 Sep 2023 16:41
 Operator : SY/MD
 Sample : 04283-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Sep 01 23:43:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

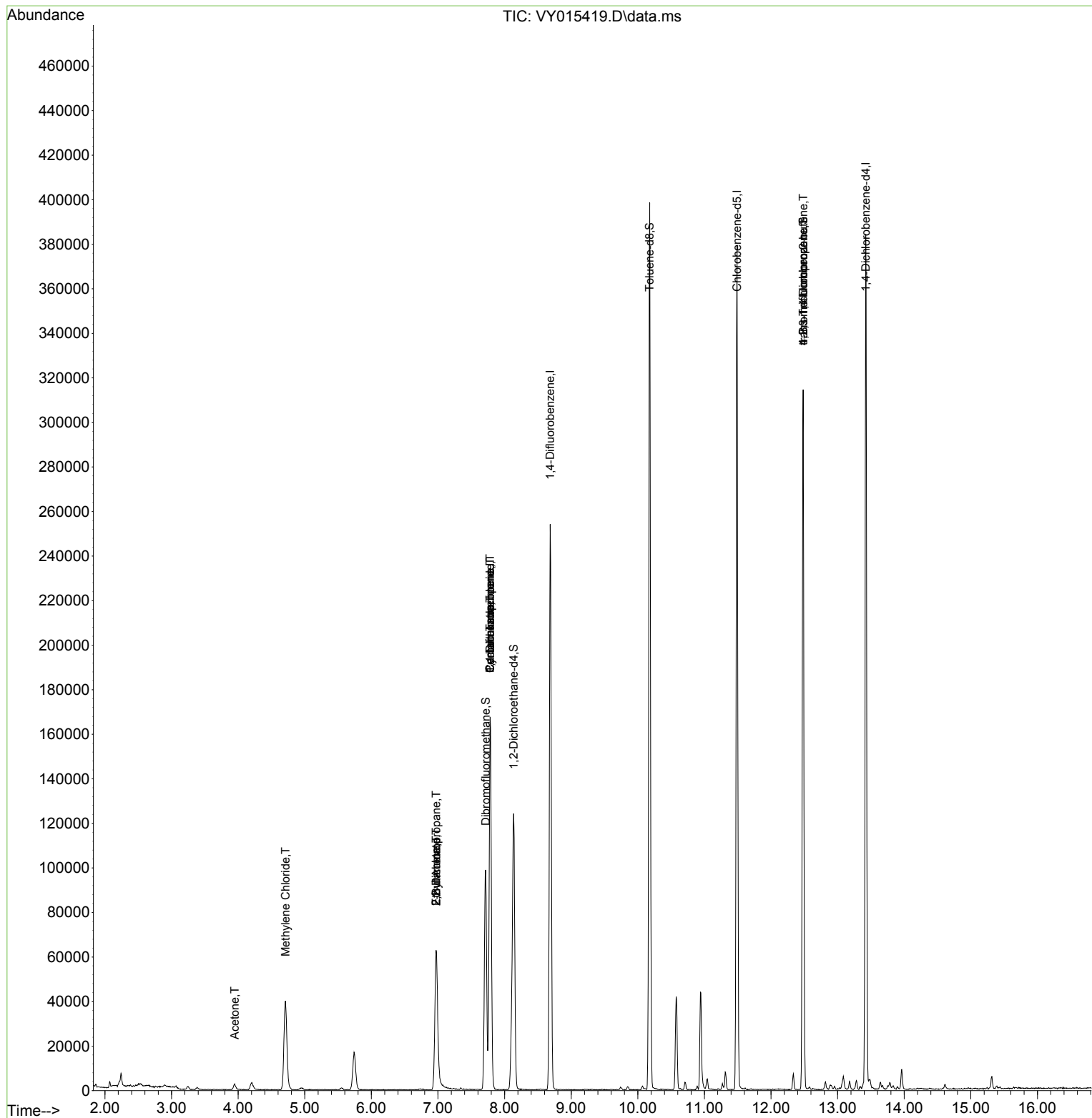
Internal Standards						
1) Pentafluorobenzene	7.783	168	129647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87311	62.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.640%	
35) Dibromofluoromethane	7.716	113	70770	56.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.120%	
50) Toluene-d8	10.179	98	257370	56.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.600%	
62) 4-Bromofluorobenzene	12.483	95	87351	51.929	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.860%	
Target Compounds						
11) Tert butyl alcohol	4.948	59	1943	Below Cal	#	93
16) Acetone	3.948	43	4309	7.428	ug/l	93
20) Methylene Chloride	4.710	84	30379	11.255	ug/l	93
25) 2-Butanone	6.972	43	3547	4.311	ug/l #	77
26) 2,2-Dichloropropane	6.972	77	4484	2.035	ug/l #	54
31) Cyclohexane	7.783	56	2723	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10361	4.716	ug/l #	49
37) Ethyl Acetate	6.972	43	3547	2.093	ug/l #	1
38) Carbon Tetrachloride	7.783	117	12719	5.605	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48001	37.598	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48001	82.937	ug/l #	11

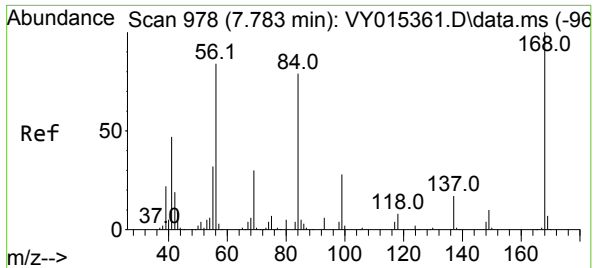
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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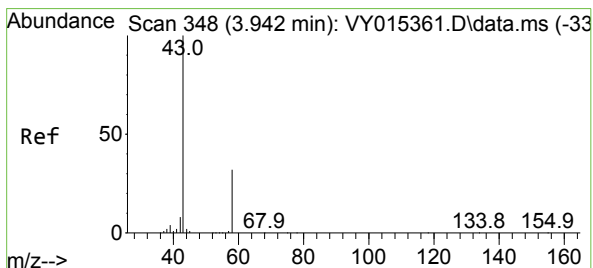
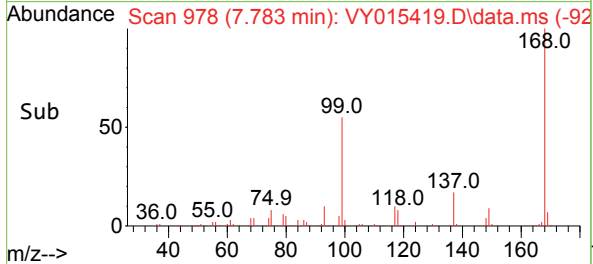
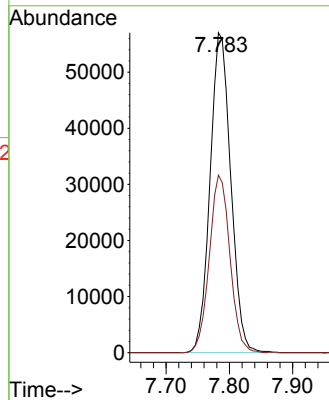
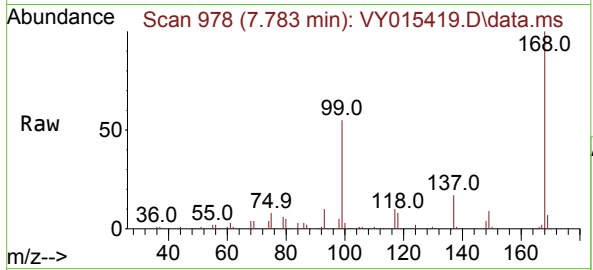




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

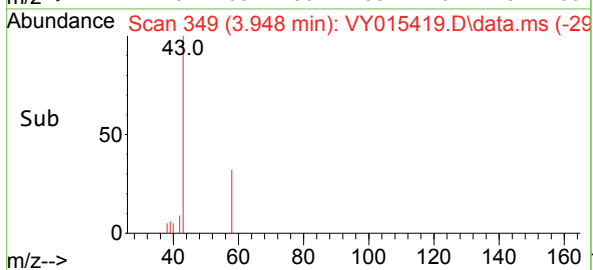
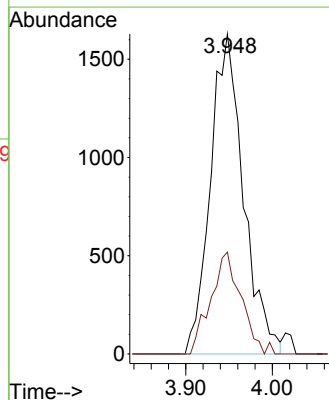
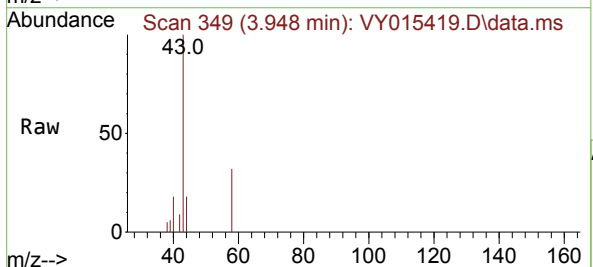
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

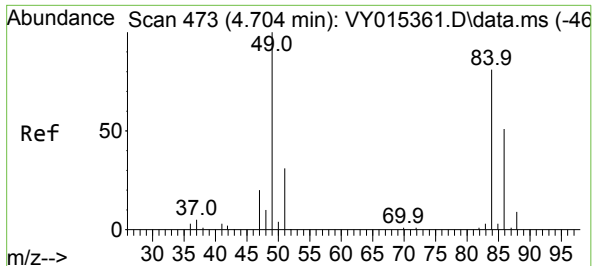
Tgt Ion:168 Resp: 129647
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 7.428 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 43 Resp: 4309
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#20

Methylene Chloride

Concen: 11.255 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015419.D

Acq: 01 Sep 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

Tgt Ion: 84 Resp: 30379

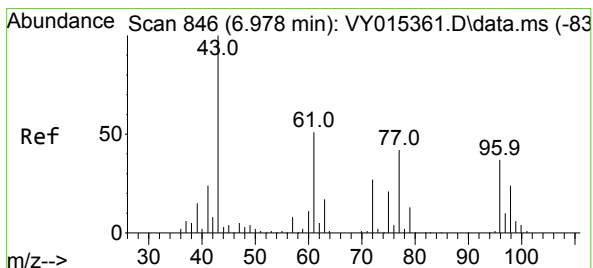
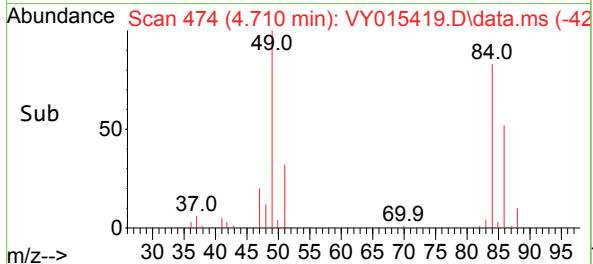
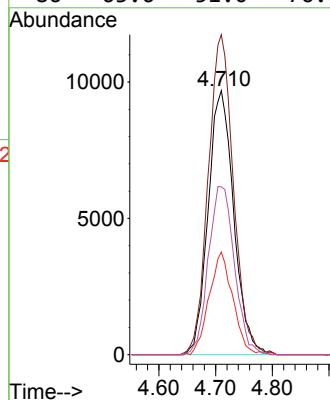
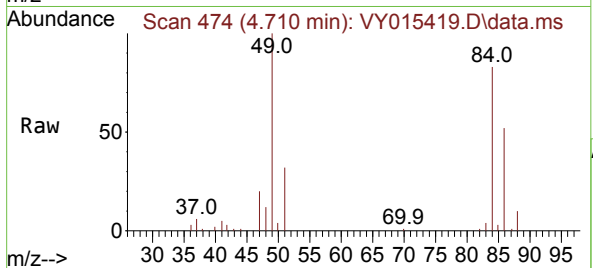
Ion Ratio Lower Upper

84 100

49 121.2 106.9 160.3

51 38.9 33.2 49.8

86 63.6 51.0 76.6



#25

2-Butanone

Concen: 4.311 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015419.D

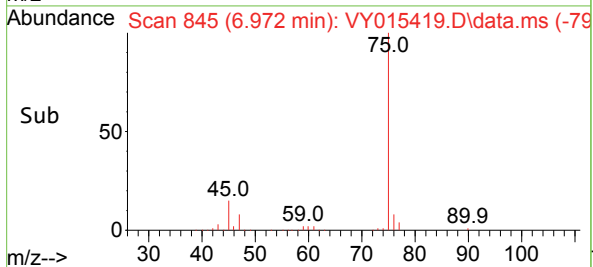
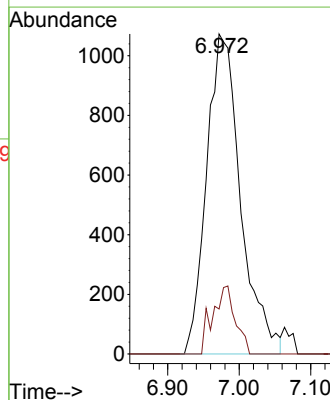
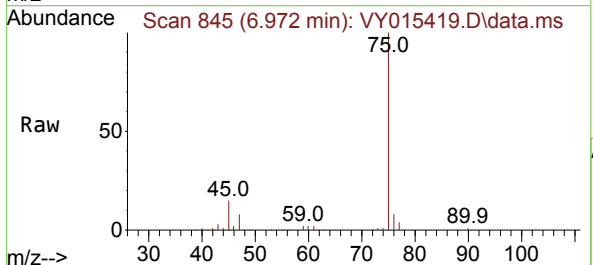
Acq: 01 Sep 2023 16:41

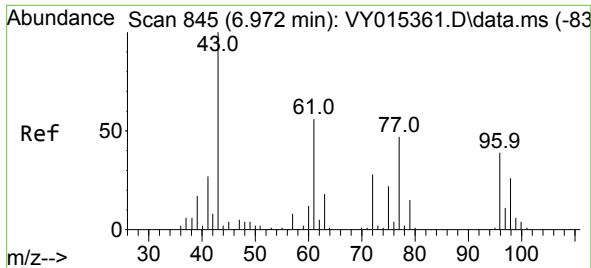
Tgt Ion: 43 Resp: 3547

Ion Ratio Lower Upper

43 100

72 14.1 20.5 30.7#

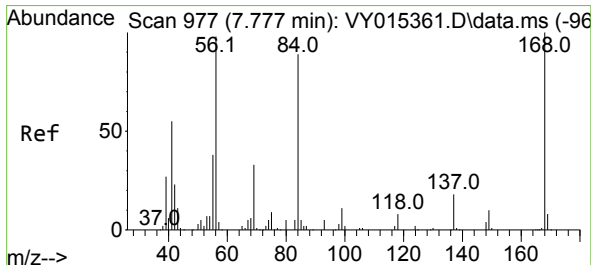
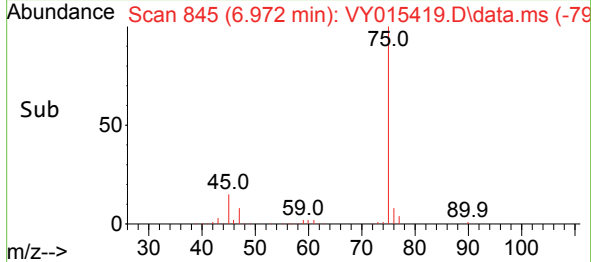
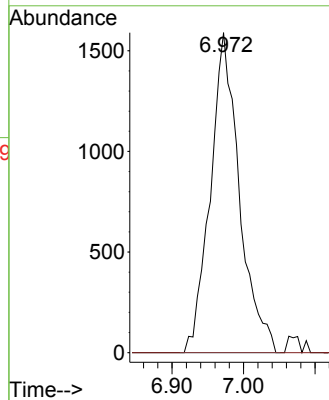
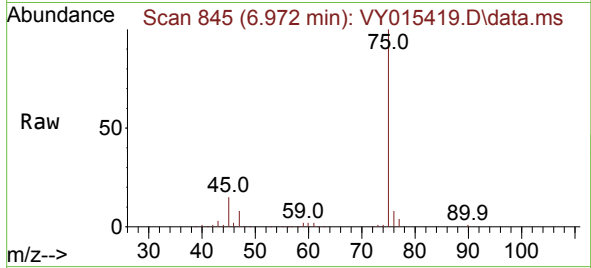




#26
2,2-Dichloropropane
Concen: 2.035 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

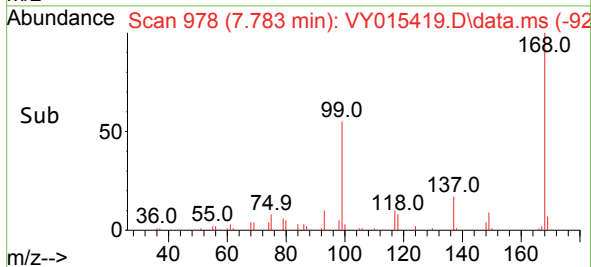
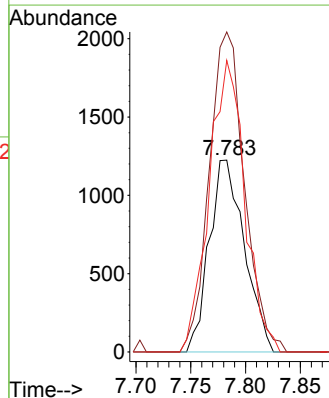
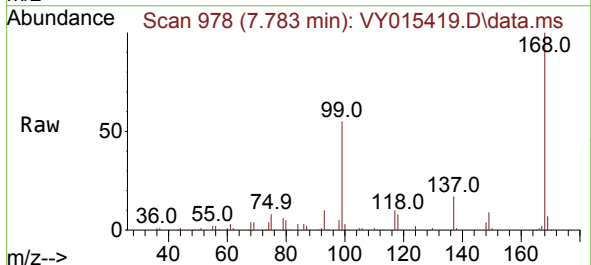
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

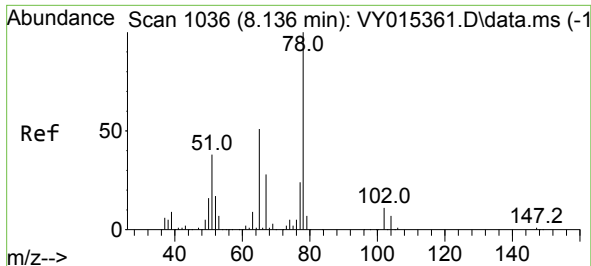
Tgt Ion: 77 Resp: 4484
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 166.8 27.8 41.6#
84 151.9 66.4 99.6#

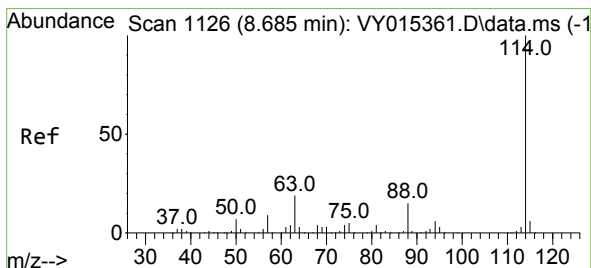
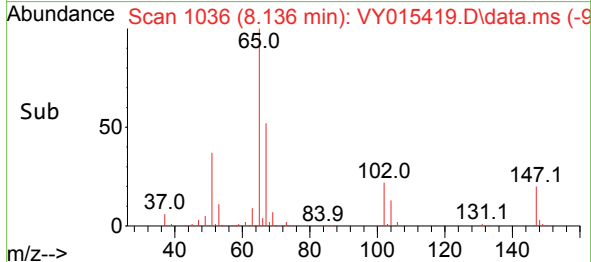
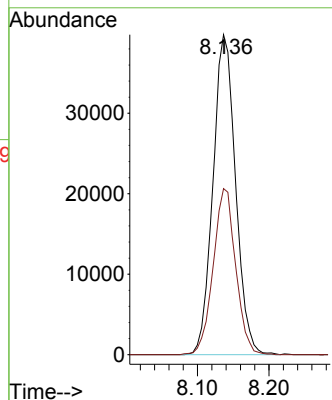
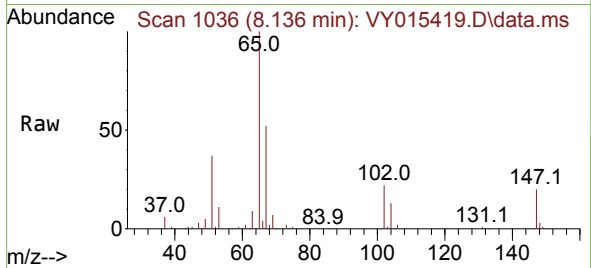




#33
 1,2-Dichloroethane-d4
 Concen: 62.823 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015419.D
 Acq: 01 Sep 2023 16:41

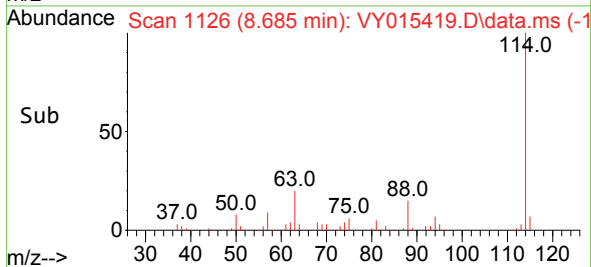
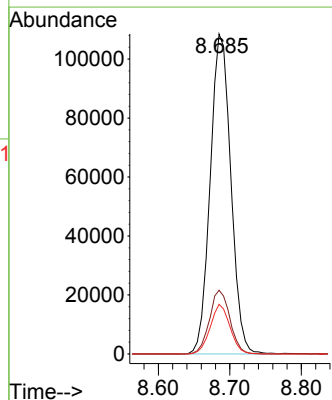
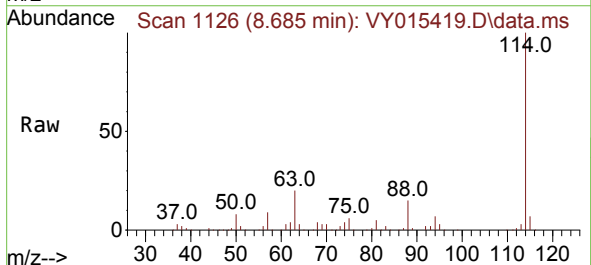
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

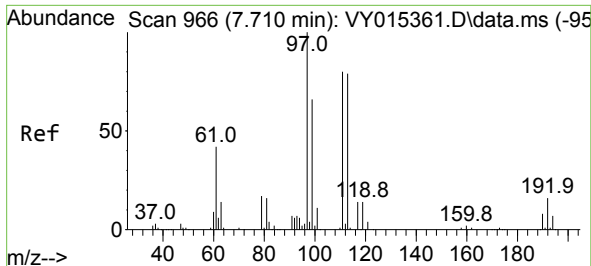
Tgt Ion: 65 Resp: 87311
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015419.D
 Acq: 01 Sep 2023 16:41

Tgt Ion: 114 Resp: 217234
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.5 0.0 30.6

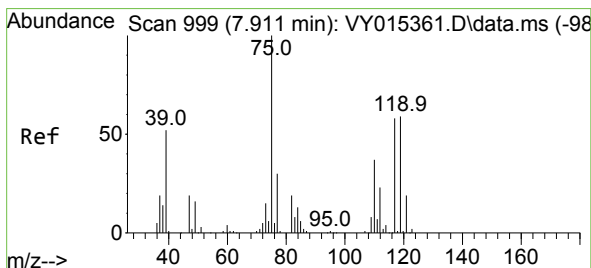
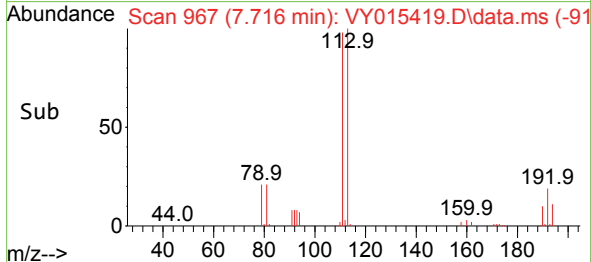
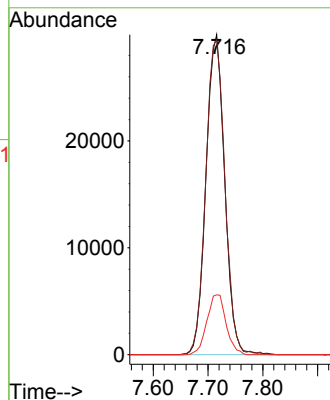
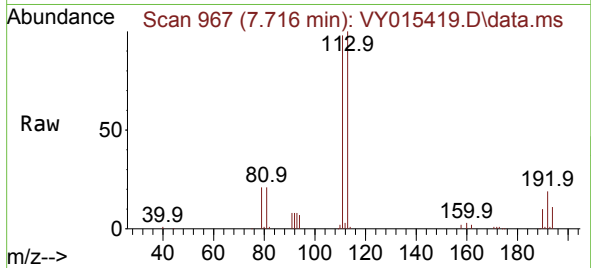




#35
Dibromofluoromethane
Concen: 56.561 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

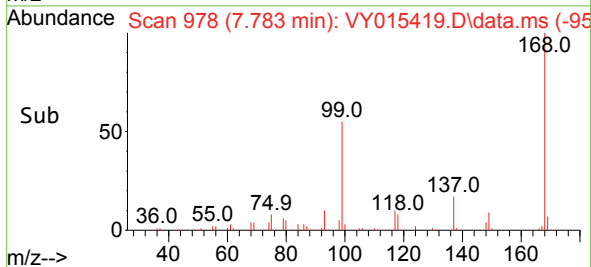
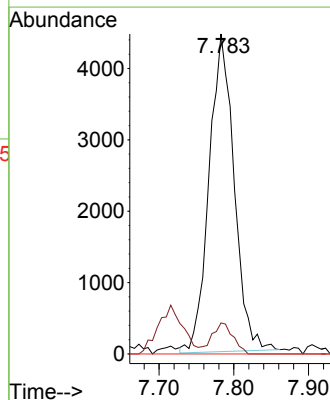
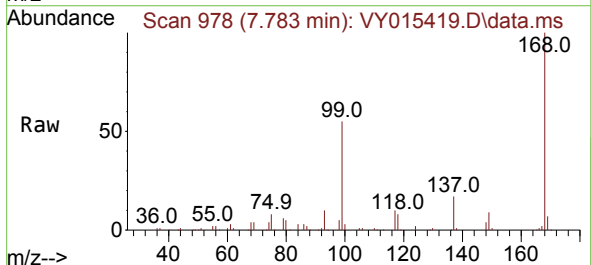
Instrument :
MSVOA_Y
ClientSampleId :
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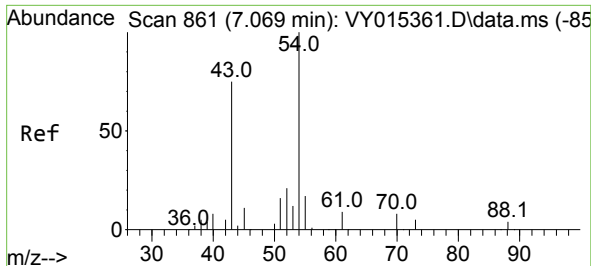
Tgt Ion:113 Resp: 70770
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 75 Resp: 10361
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.093 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY015419.D

Acq: 01 Sep 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

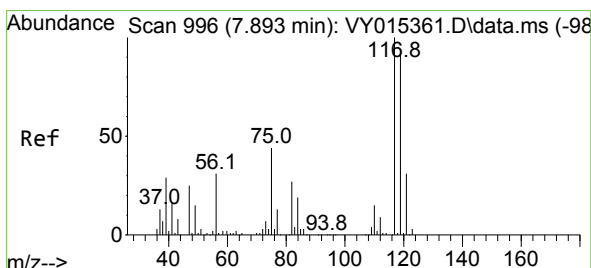
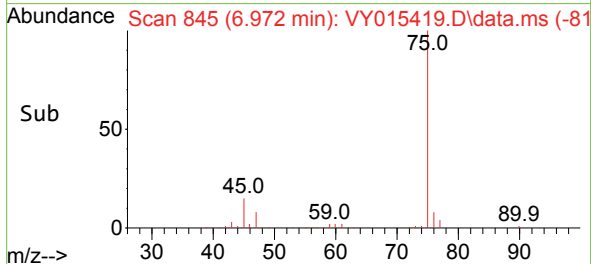
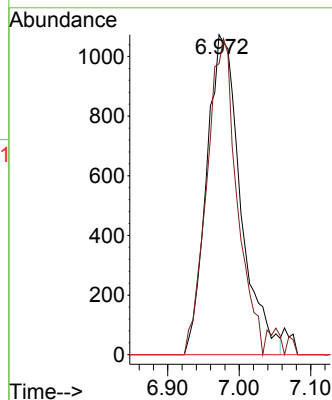
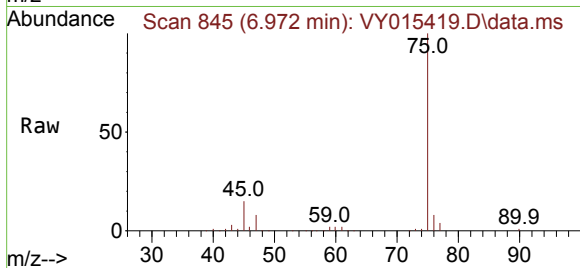
Tgt Ion: 43 Resp: 3547

Ion Ratio Lower Upper

43 100

61 87.9 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY015419.D

Acq: 01 Sep 2023 16:41

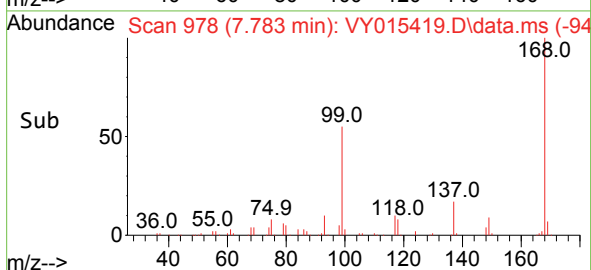
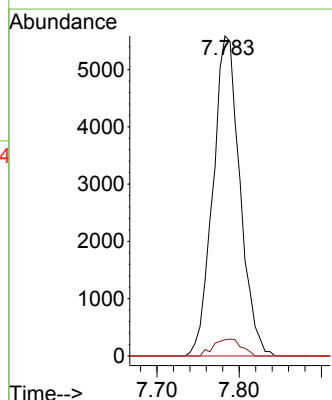
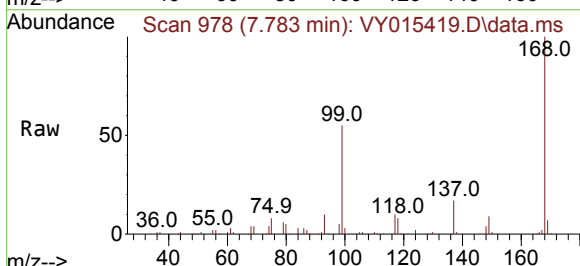
Tgt Ion: 117 Resp: 12719

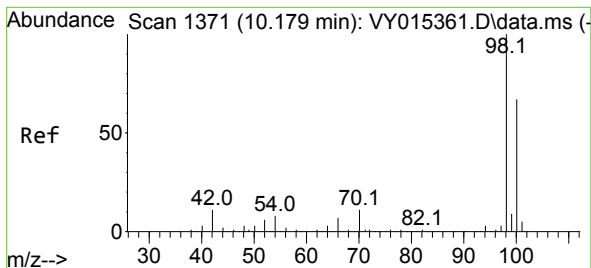
Ion Ratio Lower Upper

117 100

119 5.1 76.4 114.6#

121 0.0 25.8 38.6#

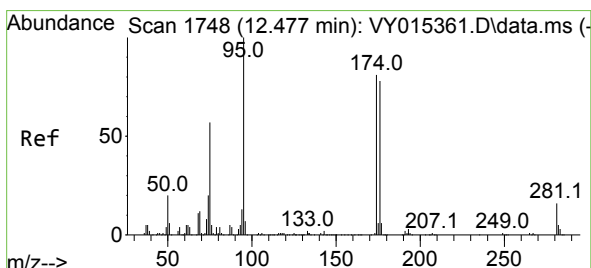
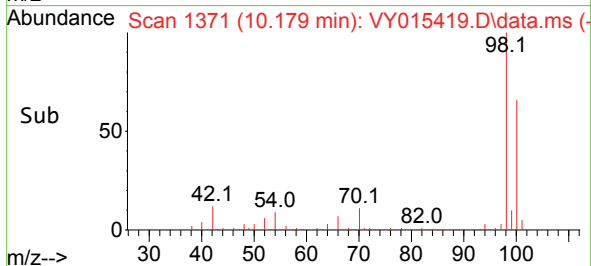
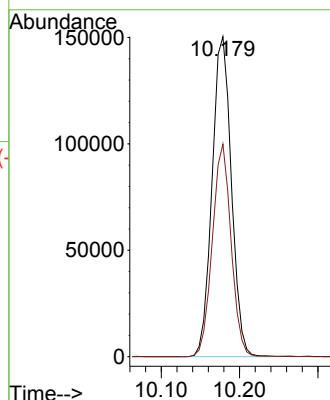
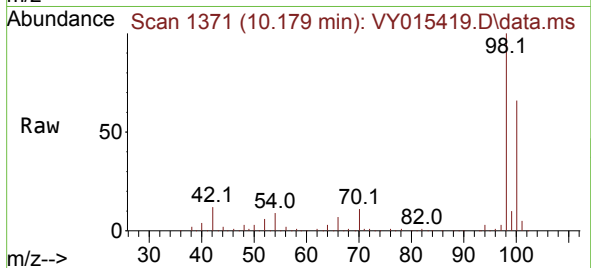




#50
Toluene-d8
Concen: 56.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

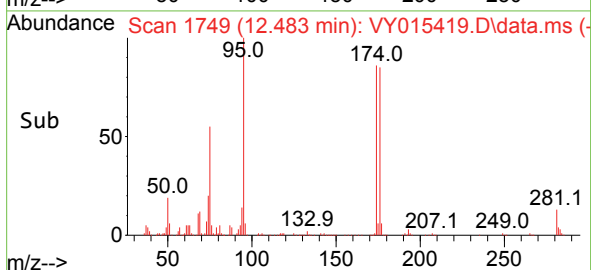
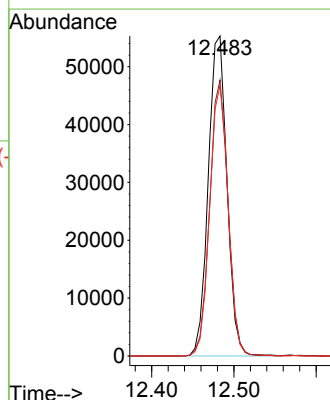
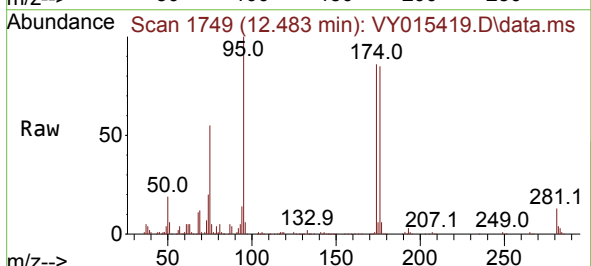
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

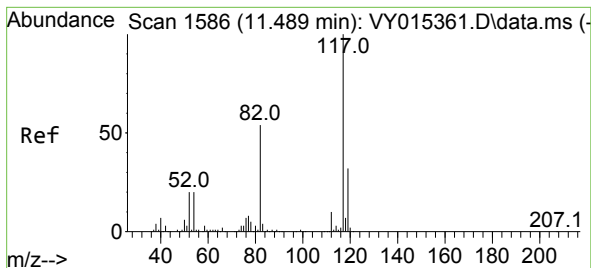
Tgt Ion: 98 Resp: 257370
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.929 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 95 Resp: 87351
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 83.4 0.0 173.8

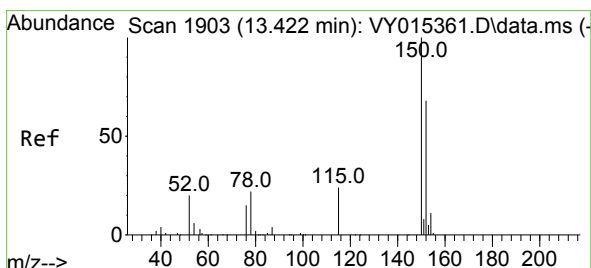
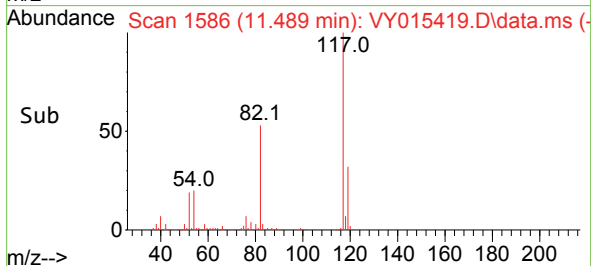
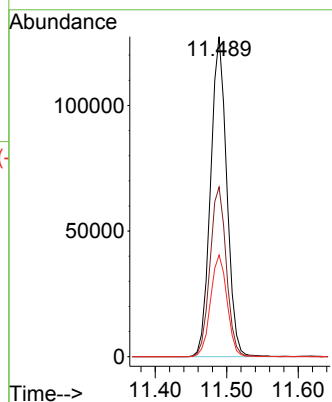
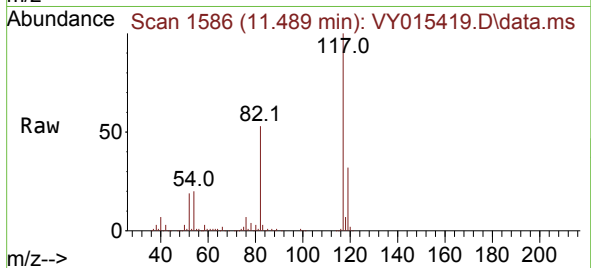




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

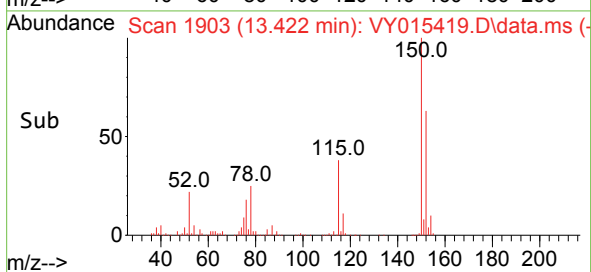
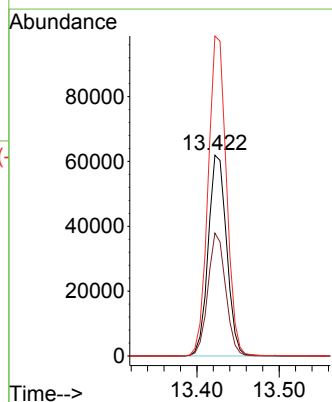
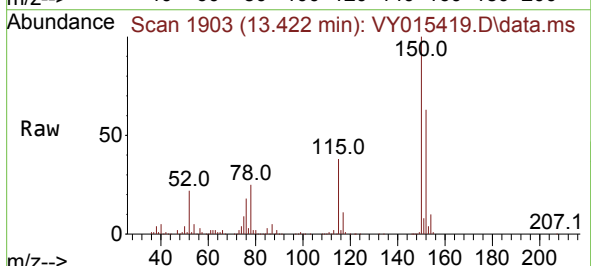
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

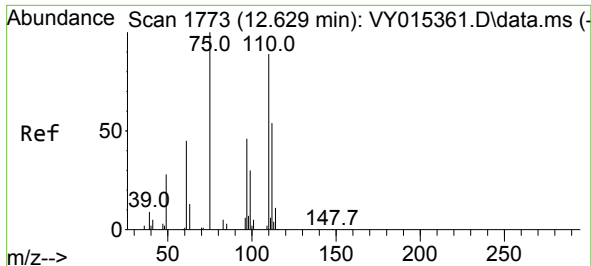
Tgt Ion:117 Resp: 199994
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion:152 Resp: 96274
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 158.7 0.0 348.8

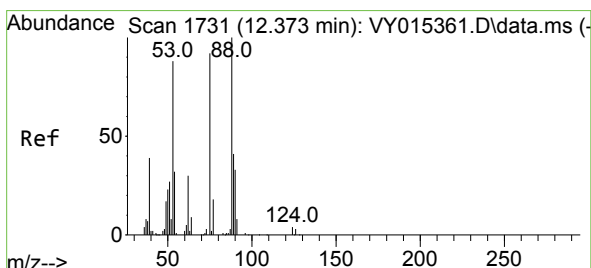
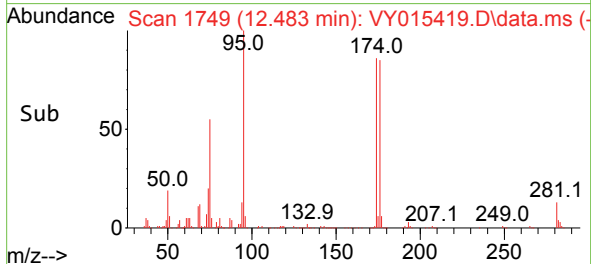
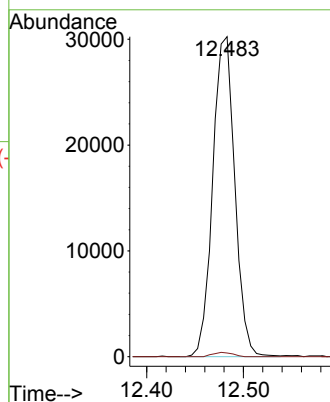
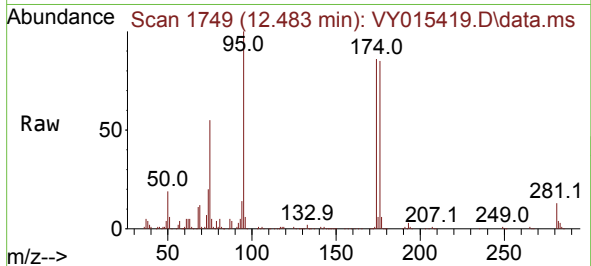




#76
1,2,3-Trichloropropane
Concen: 37.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tgt Ion: 75 Resp: 48001
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 75 Resp: 48001
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

