

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010868.D
 Acq On : 07 Oct 2022 13:49
 Operator : KP/MD
 Sample : N5004-14RE
 Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22013-15.5RE

Quant Time: Oct 08 04:46:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

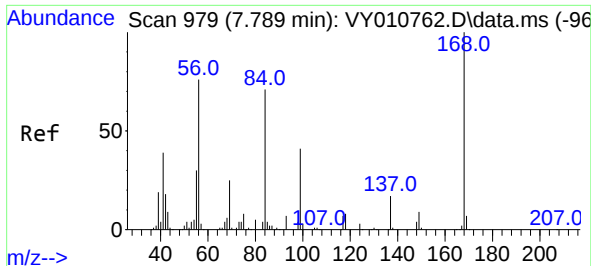
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	175698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48359	27.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.300%
35) Dibromofluoromethane	7.716	113	40838	19.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.520%#
50) Toluene-d8	10.179	98	97073	13.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	27.460%#
62) 4-Bromofluorobenzene	12.483	95	33532	9.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	18.260%#
Target Compounds						
11) Tert butyl alcohol	4.948	59	10299	Below Cal		97
16) Acetone	3.942	43	9323	20.612	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	17926	4.122	ug/l	97
20) Methylene Chloride	4.710	84	8803	Below Cal	#	90
25) 2-Butanone	6.984	43	3667	5.639	ug/l	93
29) Tetrahydrofuran	7.344	42	420	1.098	ug/l	# 72
31) Cyclohexane	7.783	56	3818	1.198	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	13935	4.670	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	17559	5.649	ug/l	# 15
41) Methacrylonitrile	7.344	41	250	2.858	ug/l	# 3
76) 1,2,3-Trichloropropane	12.483	75	17268	20.729	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	17268	43.302	ug/l	# 7

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

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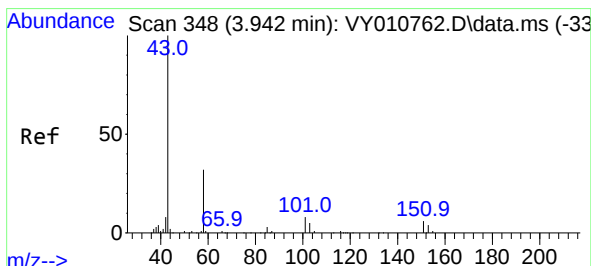
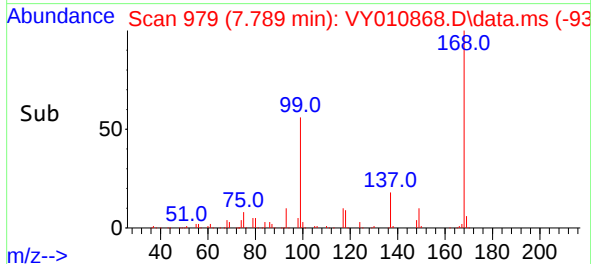
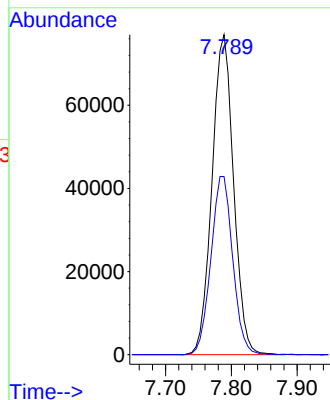
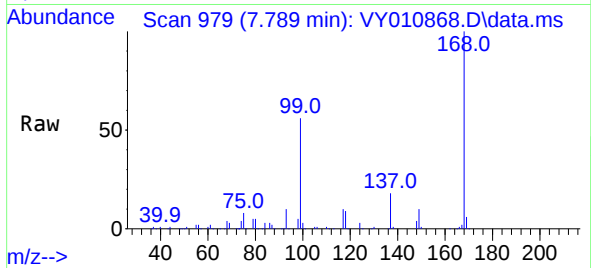




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010868.D
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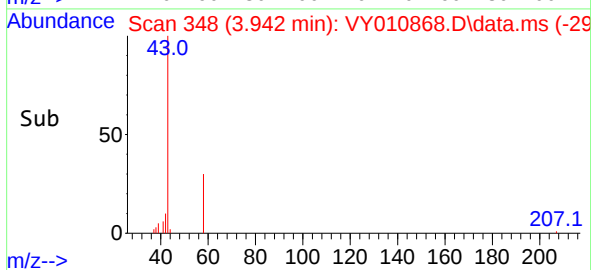
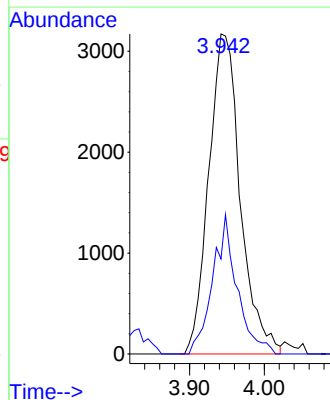
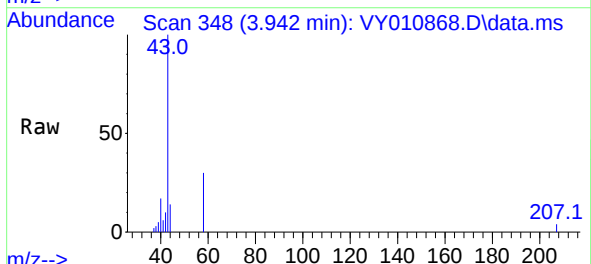
Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5RE

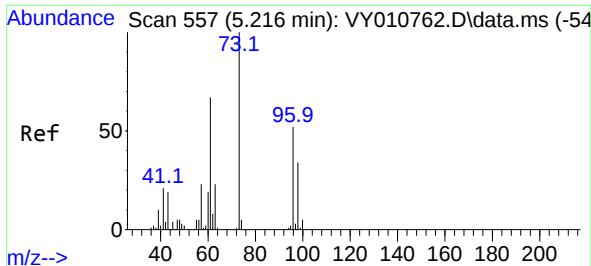
Tgt Ion:168 Resp: 175698
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 20.612 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion: 43 Resp: 9323
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0





#19

Methyl tert-butyl Ether

Concen: 4.122 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010868.D

Acq: 07 Oct 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

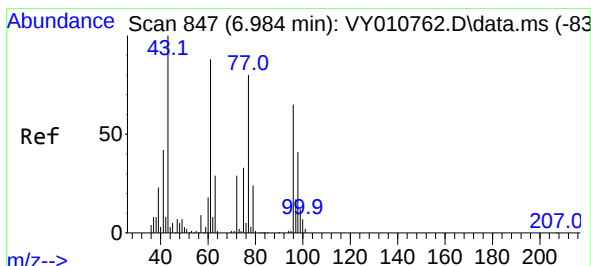
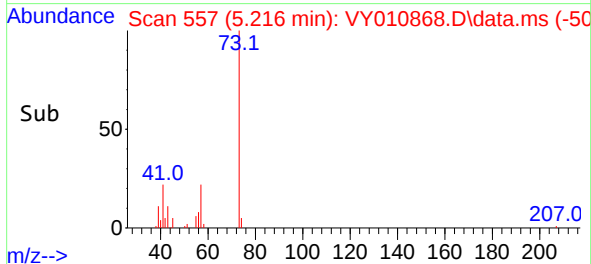
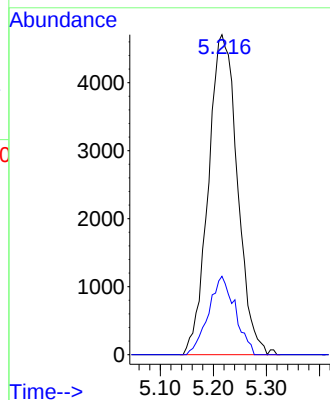
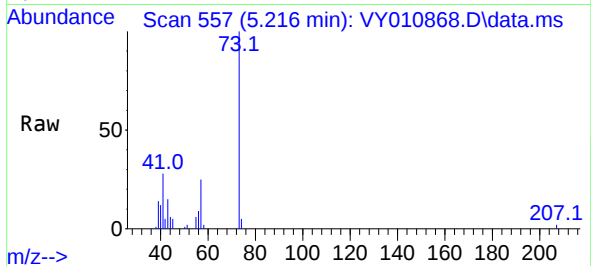
D22013-15.5RE

Tgt Ion: 73 Resp: 17926

Ion Ratio Lower Upper

73 100

57 24.5 18.6 27.8



#25

2-Butanone

Concen: 5.639 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY010868.D

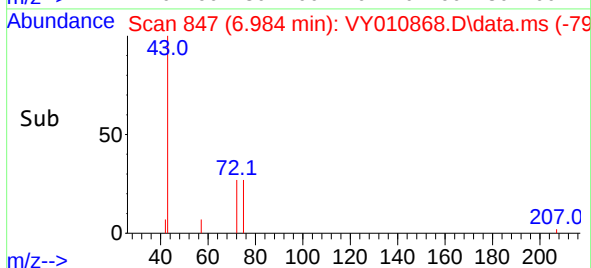
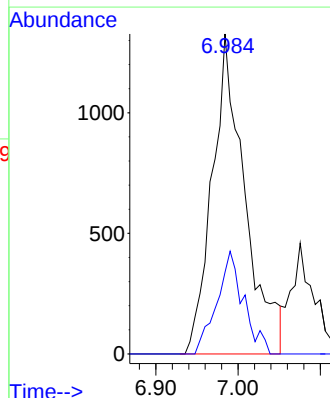
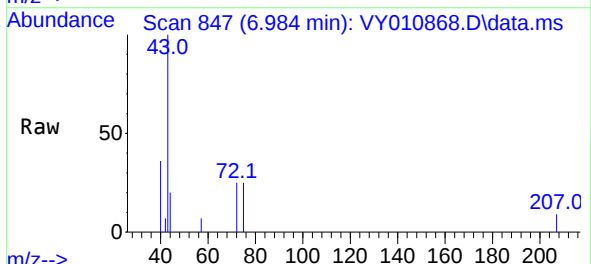
Acq: 07 Oct 2022 13:49

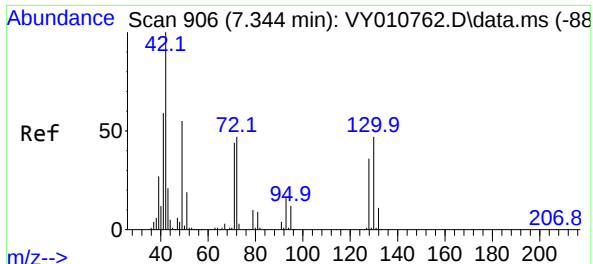
Tgt Ion: 43 Resp: 3667

Ion Ratio Lower Upper

43 100

72 25.5 17.7 26.5

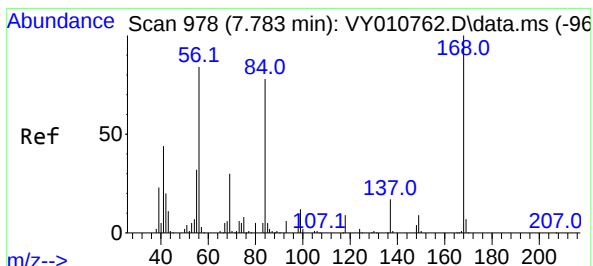
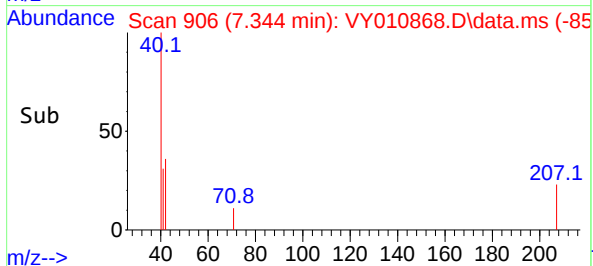
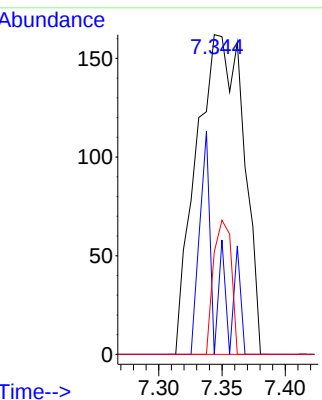
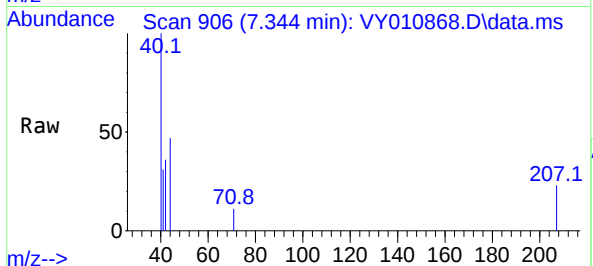




#29
Tetrahydrofuran
Concen: 1.098 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

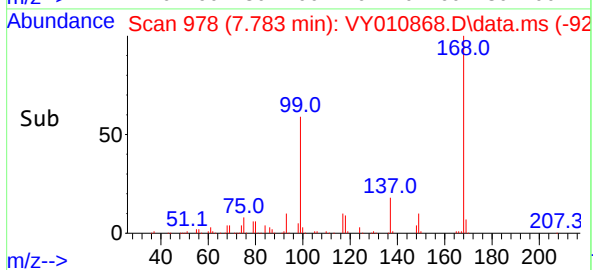
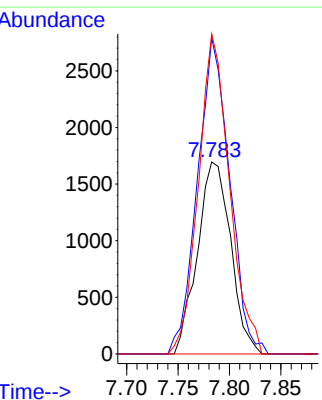
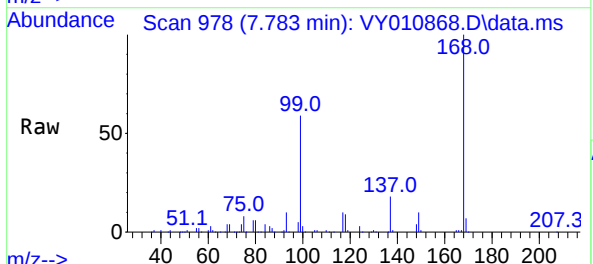
Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5RE

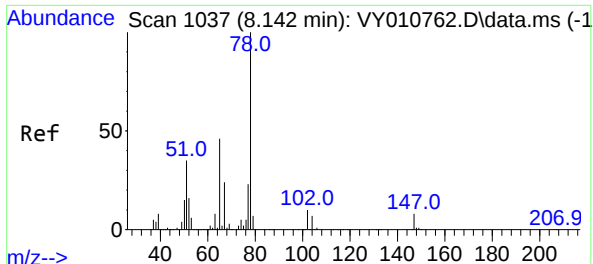
Tgt Ion:	42	Resp:	420
Ion	Ratio	Lower	Upper
42	100		
72	24.8	30.3	45.5#
71	15.7	29.0	43.4#



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion:	56	Resp:	3818
Ion	Ratio	Lower	Upper
56	100		
69	164.8	26.7	40.1#
84	166.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 27.154 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010868.D

Acq: 07 Oct 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

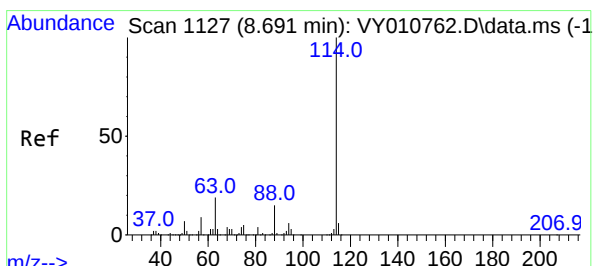
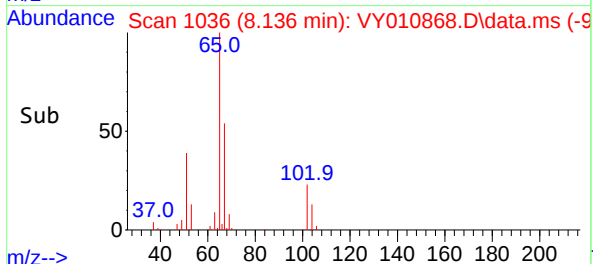
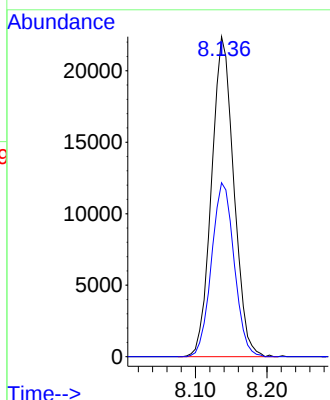
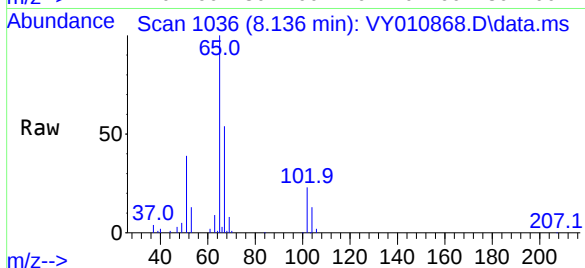
D22013-15.5RE

Tgt Ion: 65 Resp: 48359

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010868.D

Acq: 07 Oct 2022 13:49

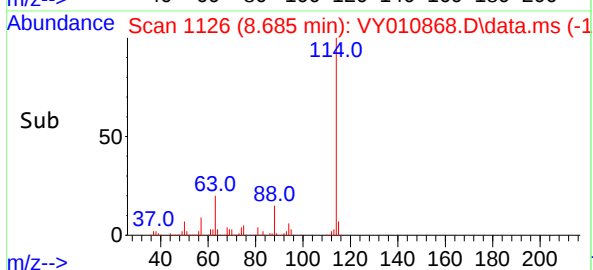
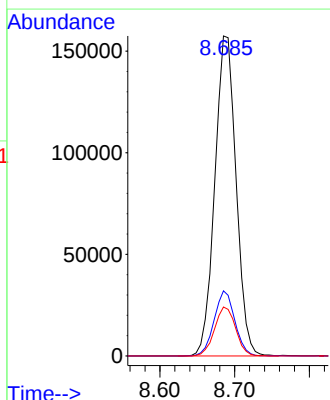
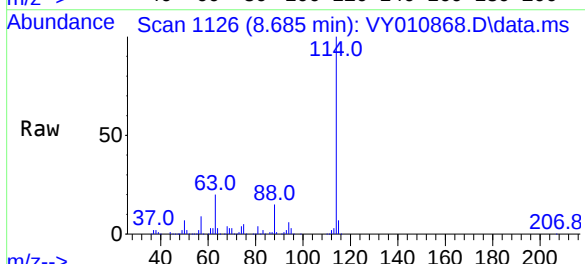
Tgt Ion: 114 Resp: 311406

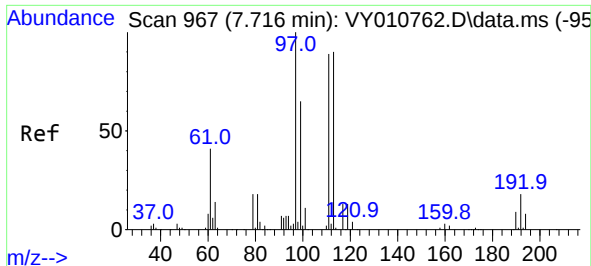
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.3 0.0 31.8

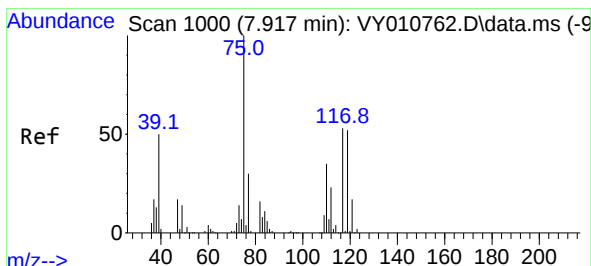
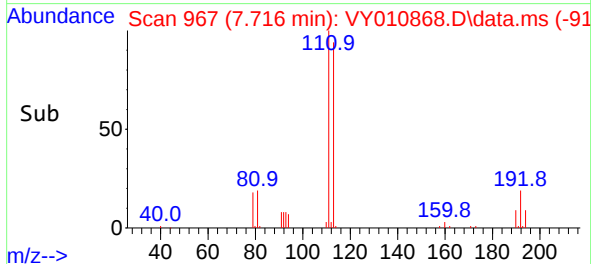
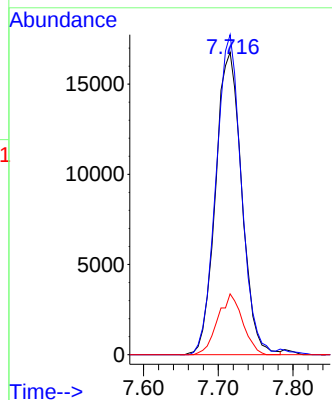
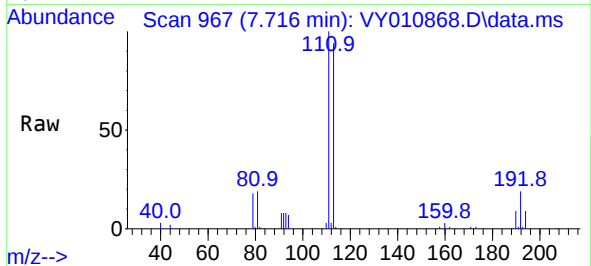




#35
Dibromofluoromethane
Concen: 19.756 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

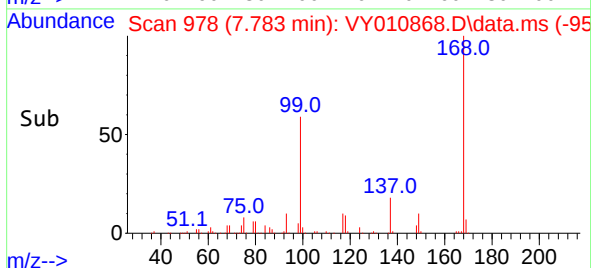
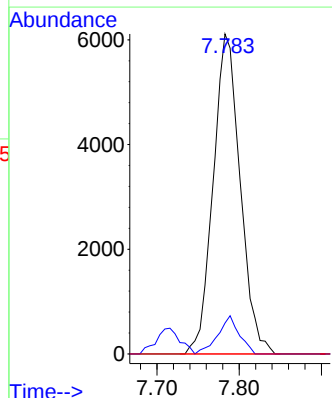
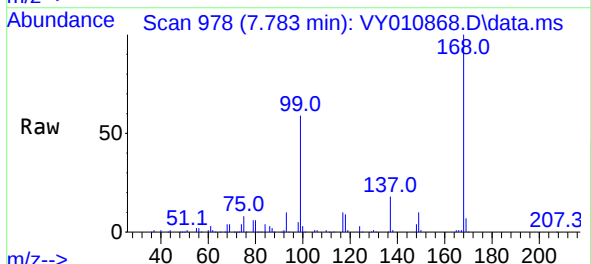
Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5RE

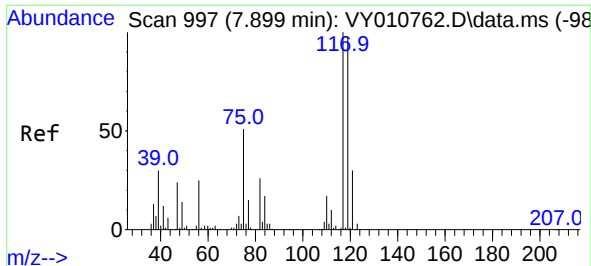
Tgt Ion:113 Resp: 40838
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion: 75 Resp: 13935
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

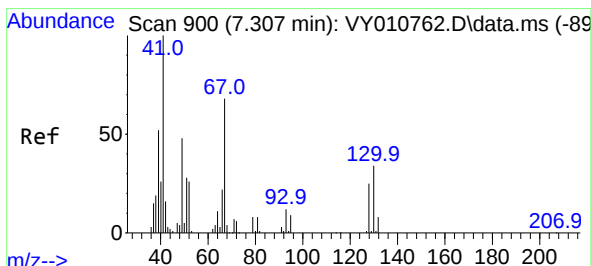
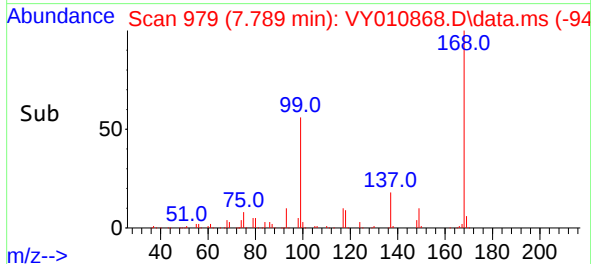
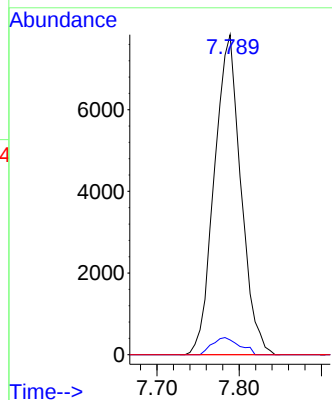
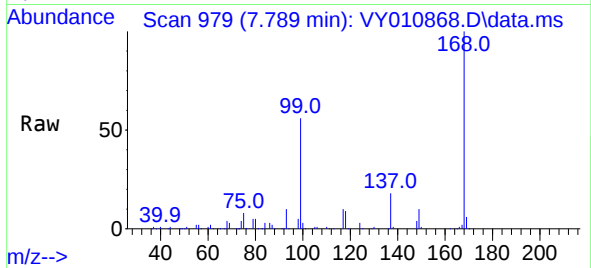




#38
Carbon Tetrachloride
Concen: 5.649 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

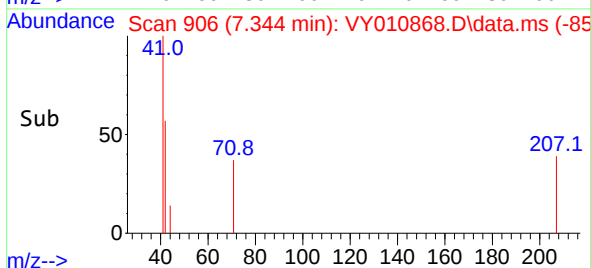
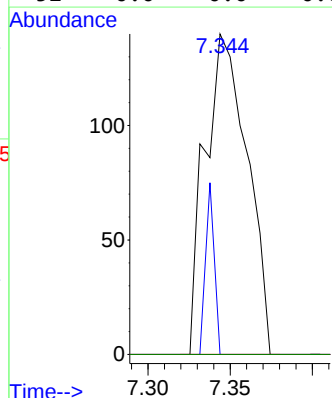
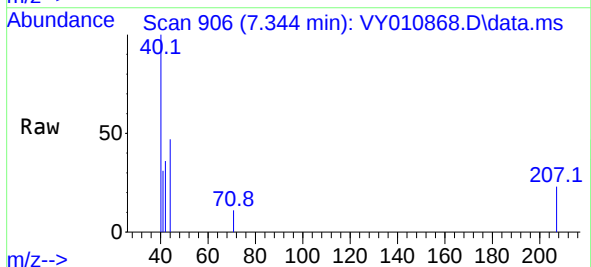
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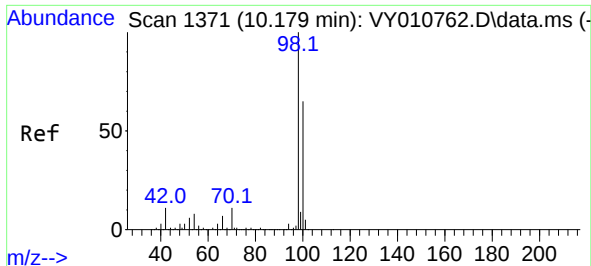
Tgt Ion:117 Resp: 17559
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.858 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion: 41 Resp: 250
Ion Ratio Lower Upper
41 100
39 10.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

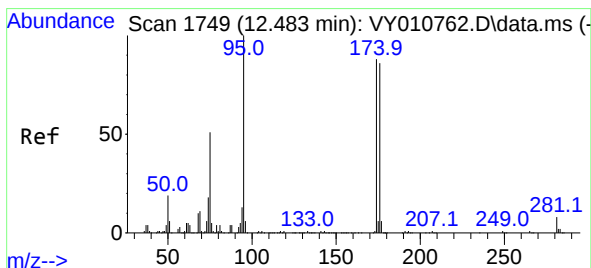
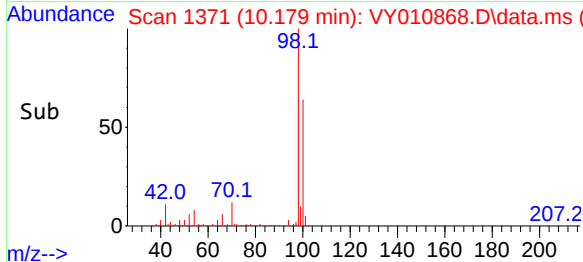
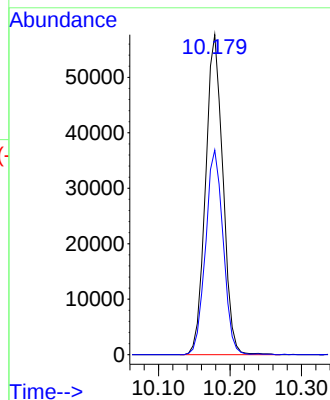
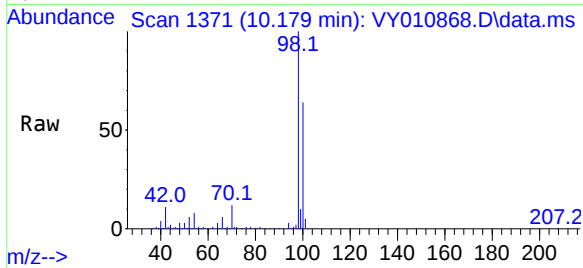




#50
Toluene-d8
Concen: 13.731 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

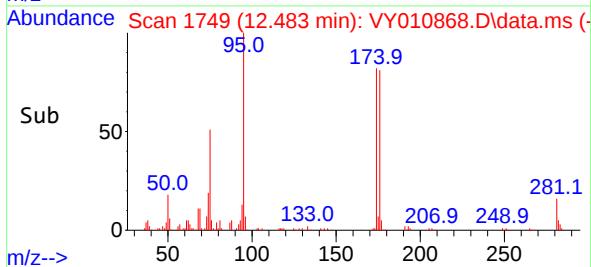
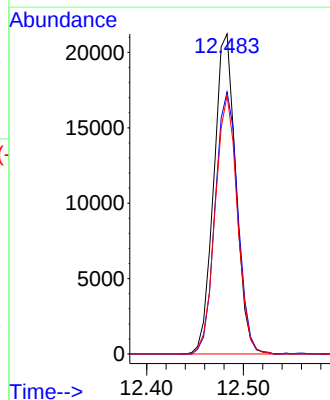
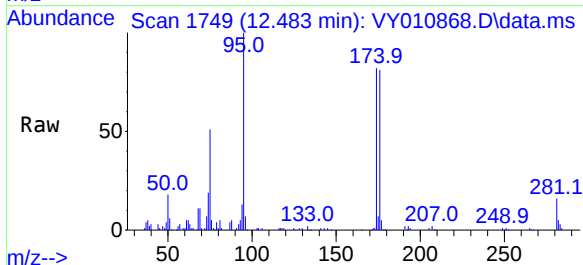
Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5RE

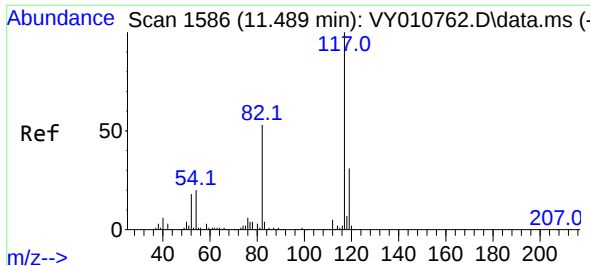
Tgt Ion: 98 Resp: 97073
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 9.134 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion: 95 Resp: 33532
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.3 0.0 175.8

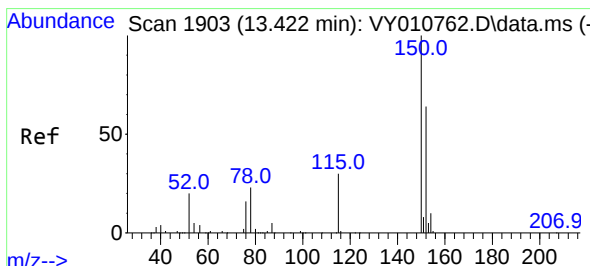
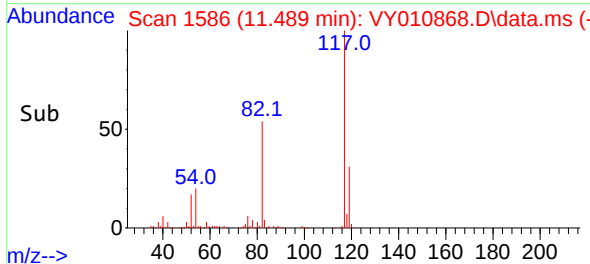
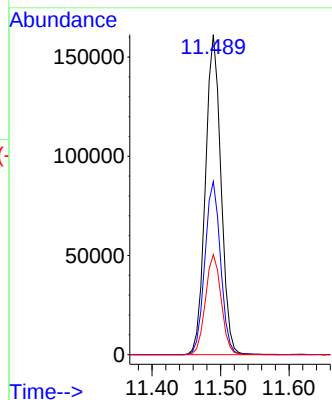
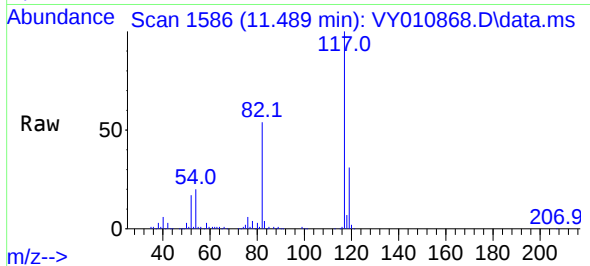




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

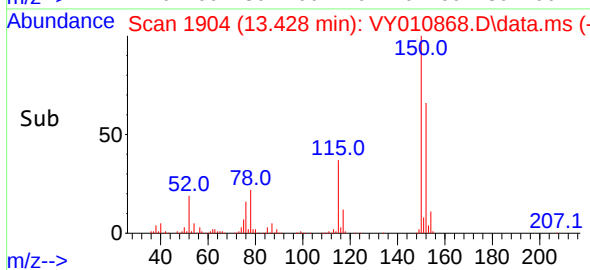
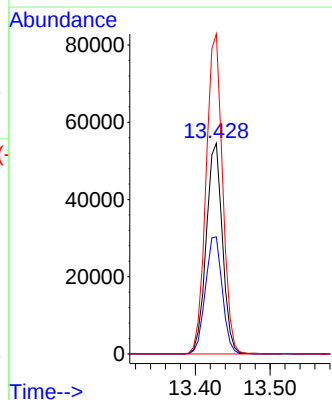
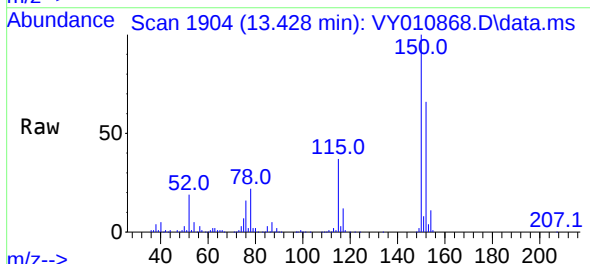
Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5RE

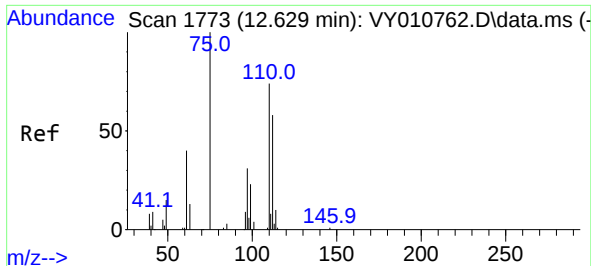
Tgt Ion:117 Resp: 254948
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion:152 Resp: 82258
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 154.3 0.0 347.6

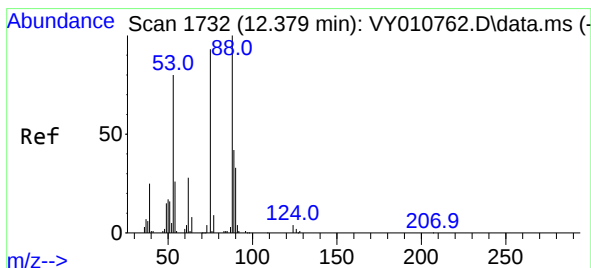
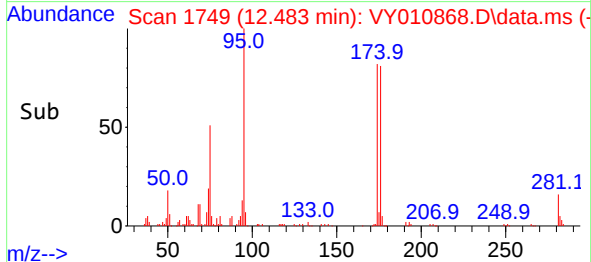
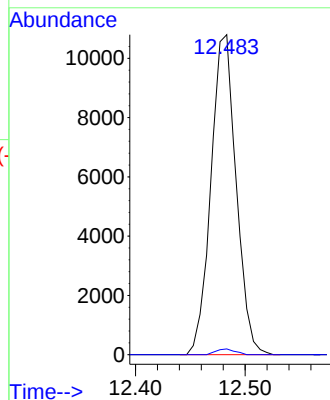
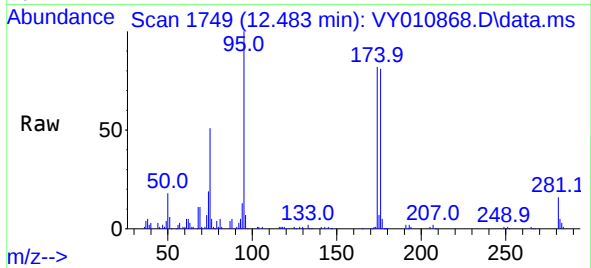




#76
1,2,3-Trichloropropane
Concen: 20.729 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5RE

Tgt Ion: 75 Resp: 17268
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 43.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010868.D
Acq: 07 Oct 2022 13:49

Tgt Ion: 75 Resp: 17268
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

