

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031482.D
 Acq On : 19 Sep 2022 23:54
 Operator : JC/MD
 Sample : N4695-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INCINERATOR-ASH

Quant Time: Sep 20 09:51:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

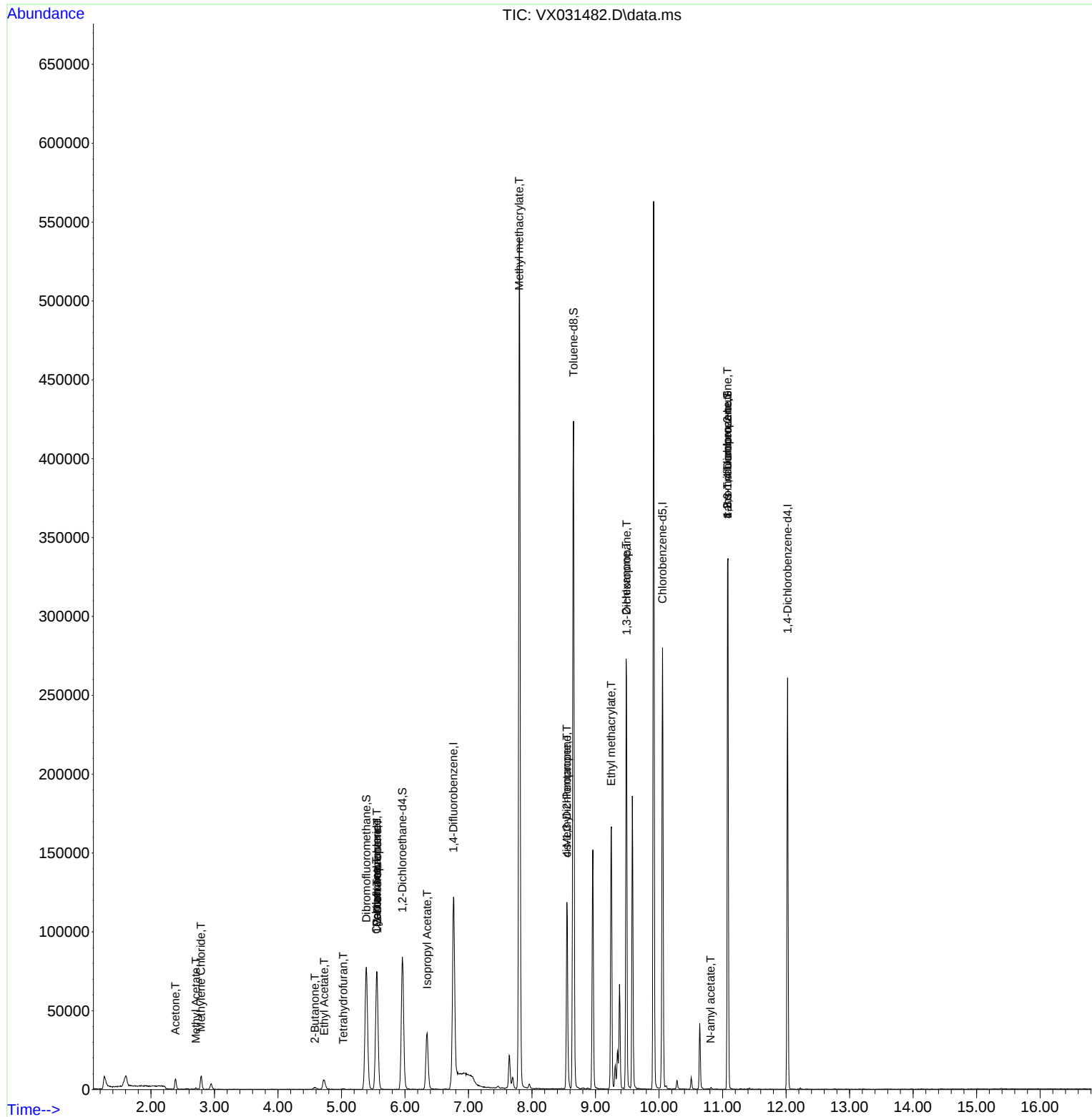
Internal Standards						
1) Pentafluorobenzene	5.556	168	69274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73723	58.096	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.200%
35) Dibromofluoromethane	5.391	113	62991	51.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	8.653	98	246050	52.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	11.079	95	76484	47.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	222	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	2055	Below Cal	#	73
13) Acrolein	2.148	56	55	Below Cal	#	63
16) Acetone	2.386	43	7249	0.814	ug/l	92
18) Methyl Acetate	2.709	43	1129	0.595	ug/l	100
20) Methylene Chloride	2.788	84	3629	0.901	ug/l #	89
25) 2-Butanone	4.580	43	987	1.006	ug/l #	49
29) Tetrahydrofuran	5.026	42	383	0.599	ug/l #	32
31) Cyclohexane	5.550	56	1840	0.976	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	5650	3.010	ug/l #	49
37) Ethyl Acetate	4.727	43	11332	5.060	ug/l	98
38) Carbon Tetrachloride	5.556	117	7371	3.542	ug/l #	17
43) Isopropyl Acetate	6.348	43	49035	14.246	ug/l	97
48) Methyl methacrylate	7.799	41	47533	30.228	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	40152	18.136	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	17729	7.689	ug/l #	69
56) Ethyl methacrylate	9.244	69	455	0.213	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	2374	0.961	ug/l #	43
59) 2-Hexanone	9.482	43	31257	18.799	ug/l #	54
74) N-amyl acetate	10.811	43	341	0.221	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.079	83	86	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	43495	38.269	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43495	123.220	ug/l #	11

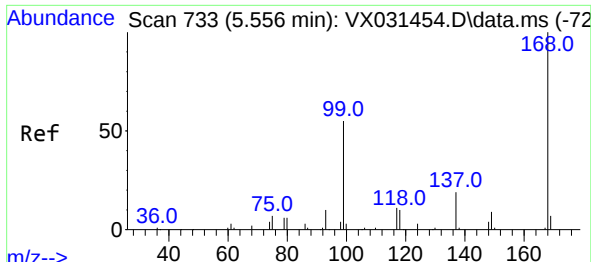
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

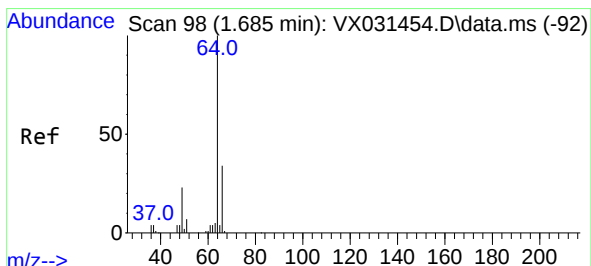
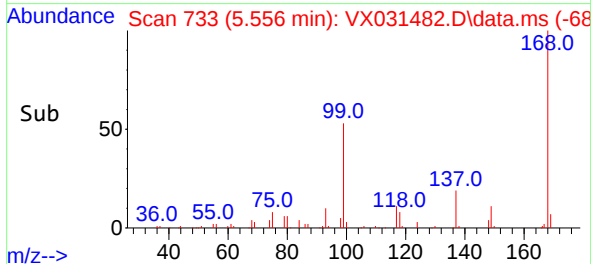
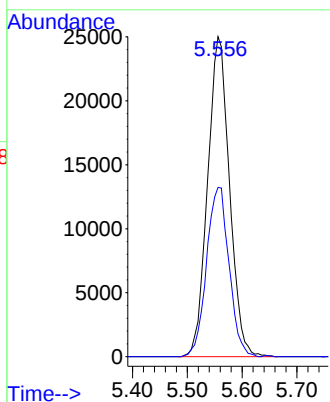
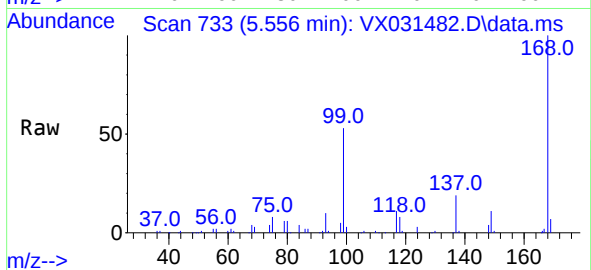




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

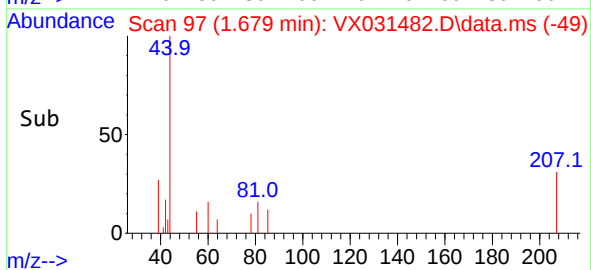
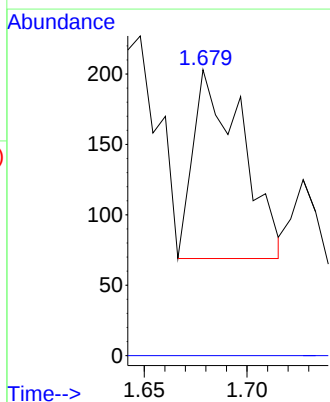
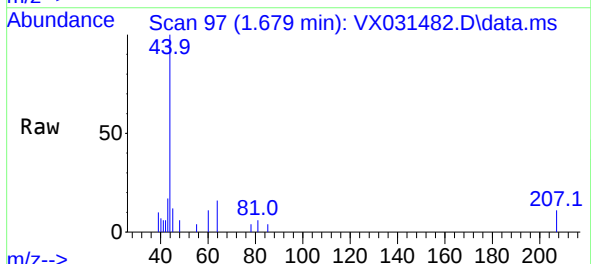
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

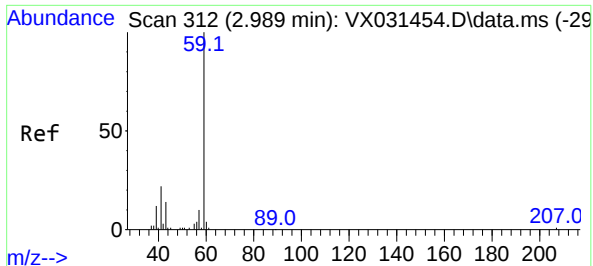
Tgt Ion:168 Resp: 69274
Ion Ratio Lower Upper
168 100
99 52.9 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

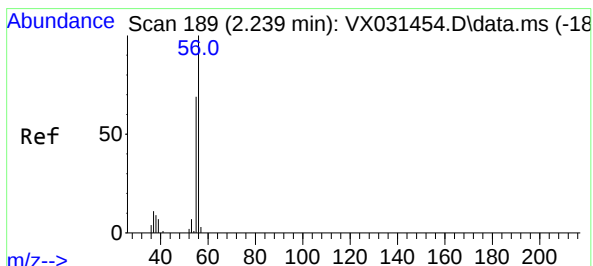
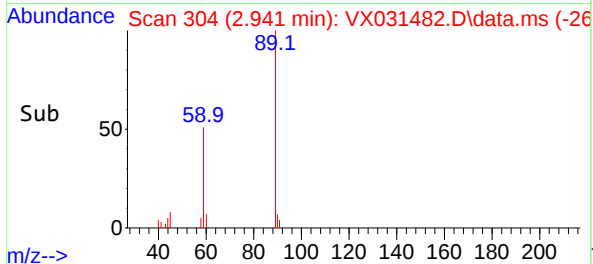
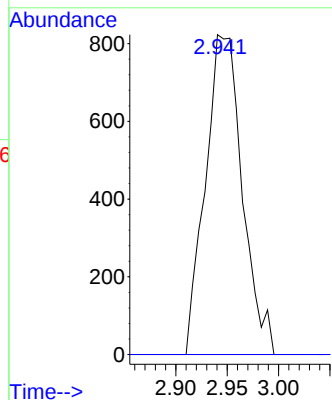
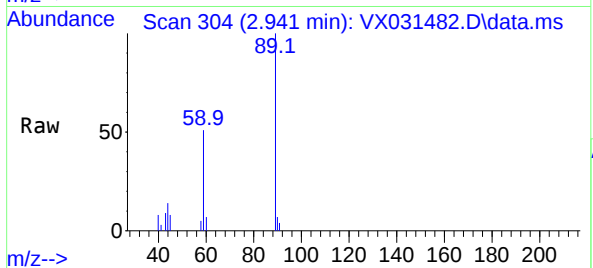




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

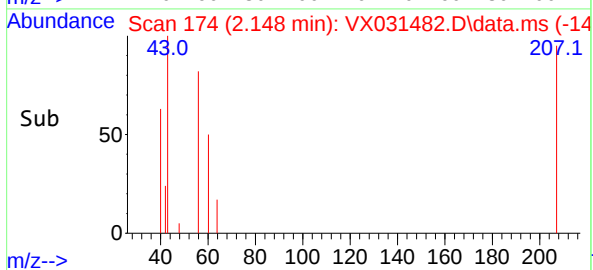
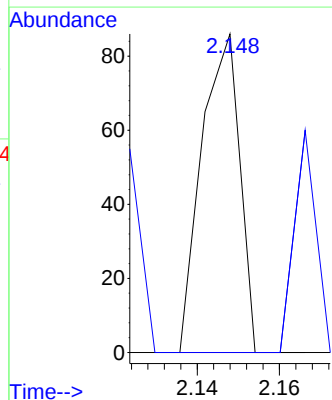
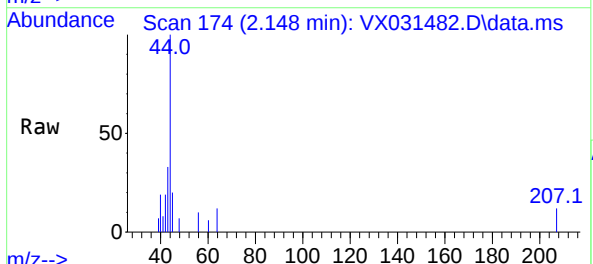
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

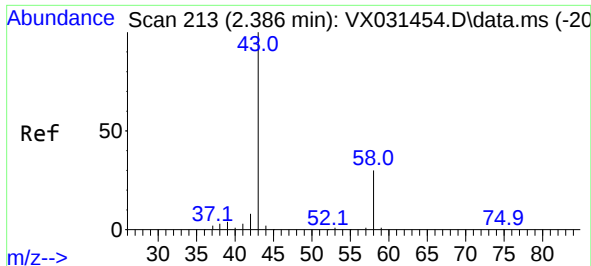
Tgt Ion: 59 Resp: 2055
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.148 min Scan# 174
Delta R.T. -0.091 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 40.0 56.0 84.0#

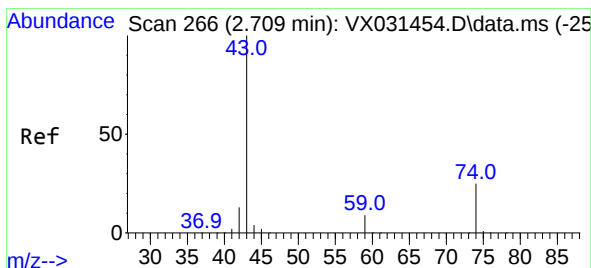
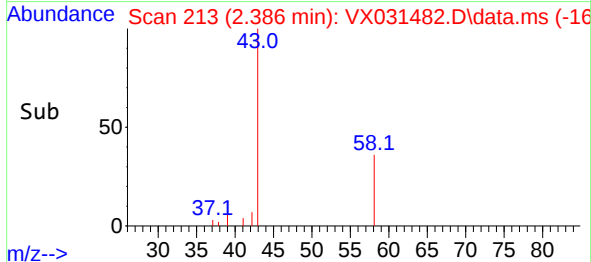
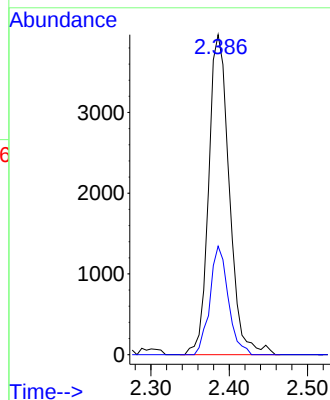
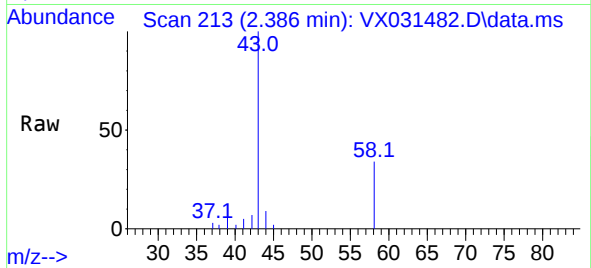




#16
Acetone
Concen: 0.814 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

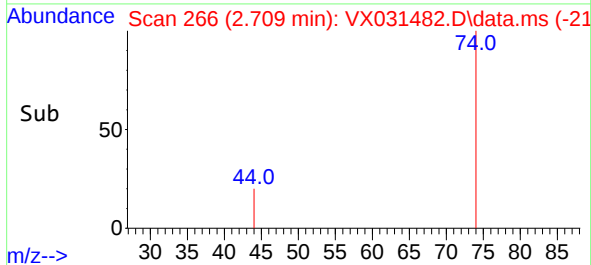
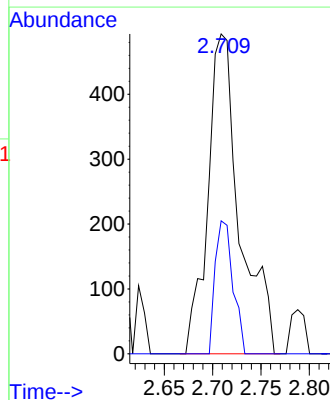
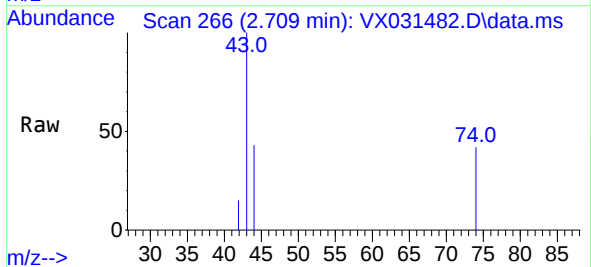
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

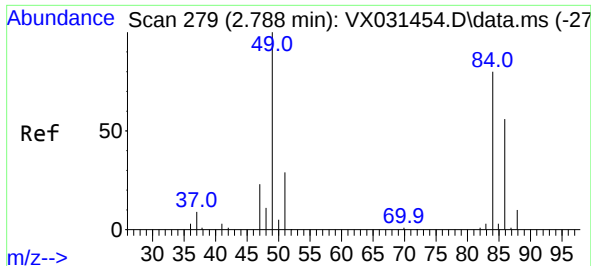
Tgt Ion: 43 Resp: 7249
Ion Ratio Lower Upper
43 100
58 33.9 23.8 35.8



#18
Methyl Acetate
Concen: 0.595 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8



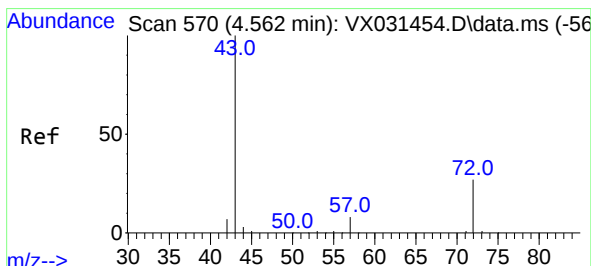
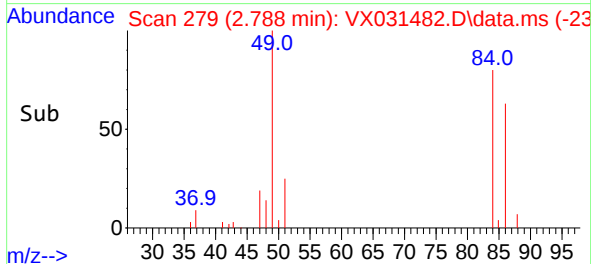
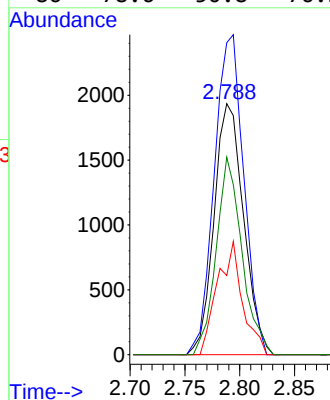
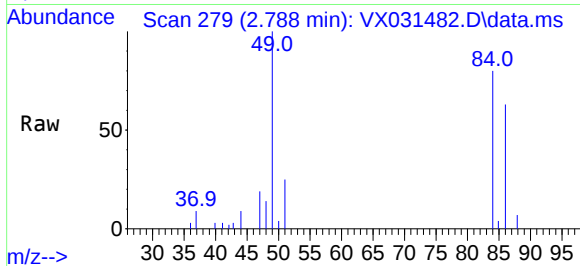


#20
Methylene Chloride
Concen: 0.901 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

Tgt Ion: 84 Resp: 3629

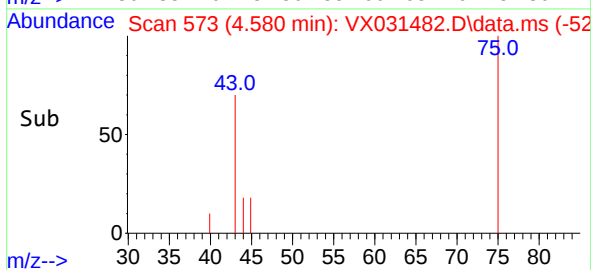
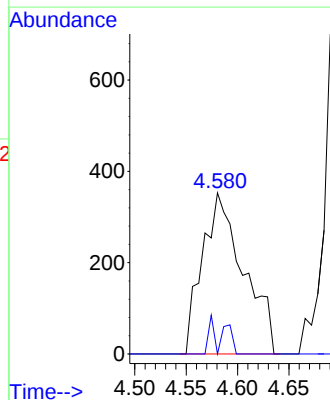
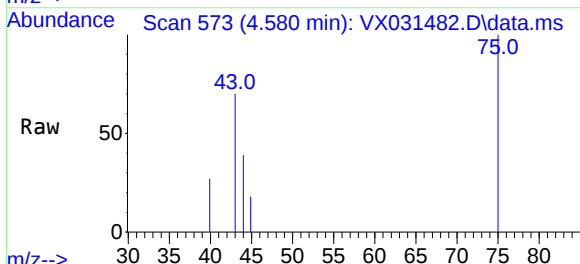
Ion	Ratio	Lower	Upper
84	100		
49	124.2	105.9	158.9
51	31.6	32.2	48.2#
86	78.6	50.8	76.2#

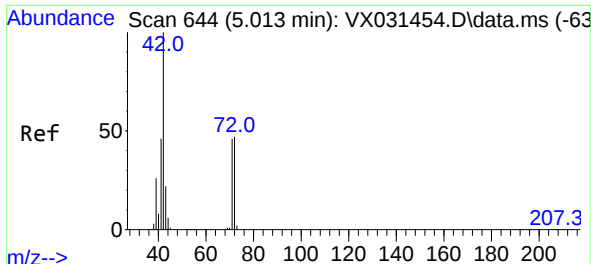


#25
2-Butanone
Concen: 1.006 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 43 Resp: 987

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#





#29

Tetrahydrofuran

Concen: 0.599 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX031482.D

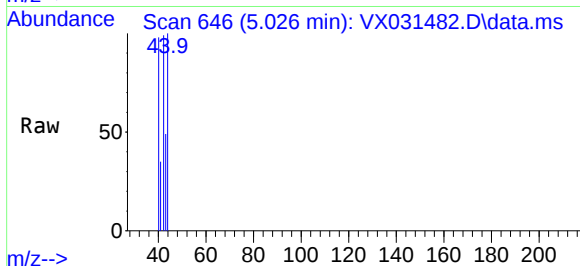
Acq: 19 Sep 2022 23:54

Instrument :

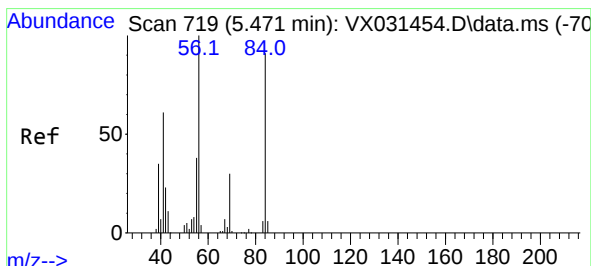
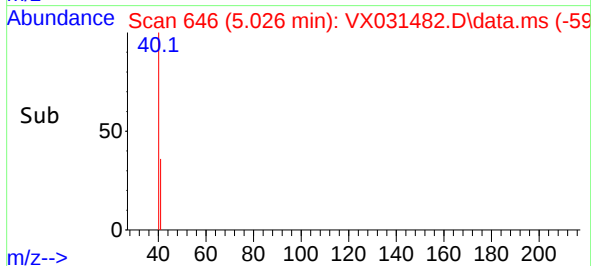
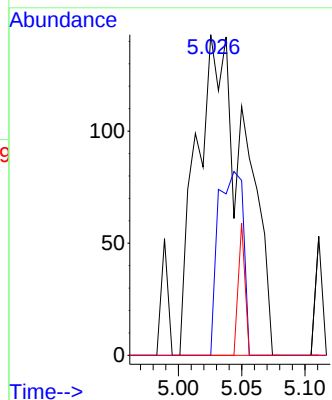
MSVOA_X

ClientSampleId :

INCINERATOR-ASH



Tgt Ion:	42	Resp:	383
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.4	54.6#
71	0.0	33.5	50.3#



#31

Cyclohexane

Concen: 0.976 ug/l

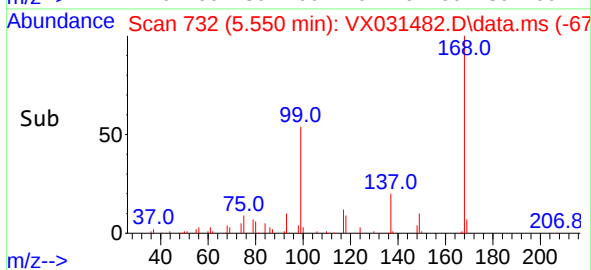
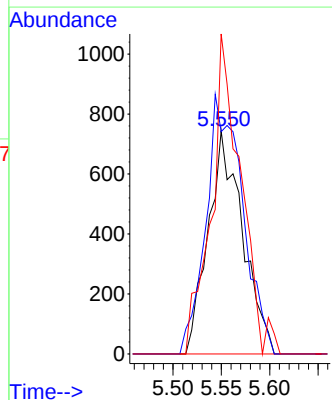
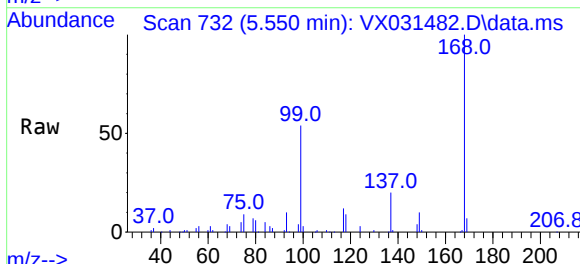
RT: 5.550 min Scan# 732

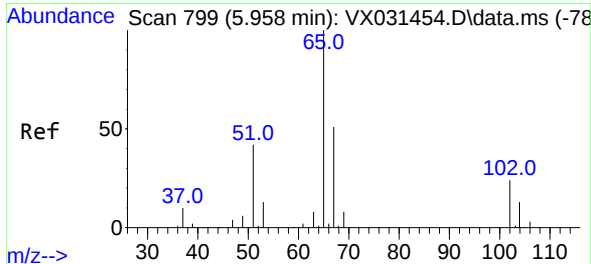
Delta R.T. 0.079 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

Tgt Ion:	56	Resp:	1840
Ion	Ratio	Lower	Upper
56	100		
69	99.6	25.1	37.7#
84	143.4	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 58.096 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

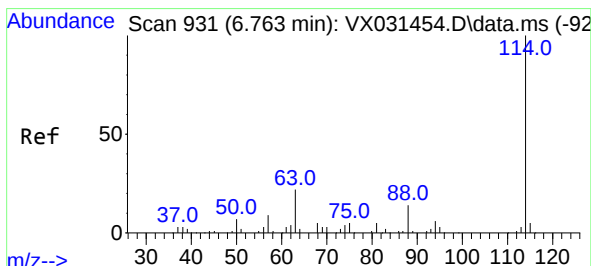
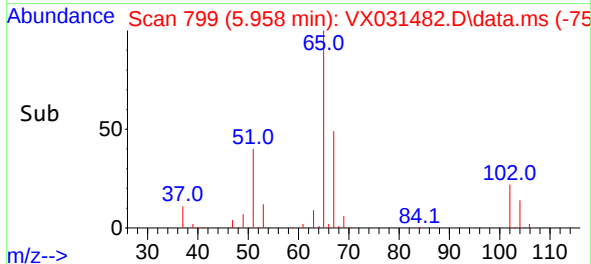
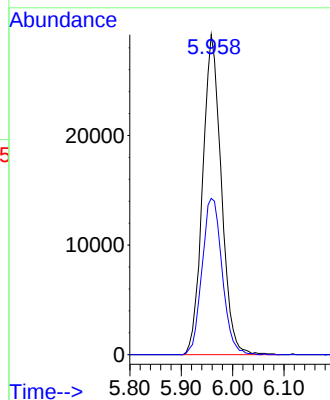
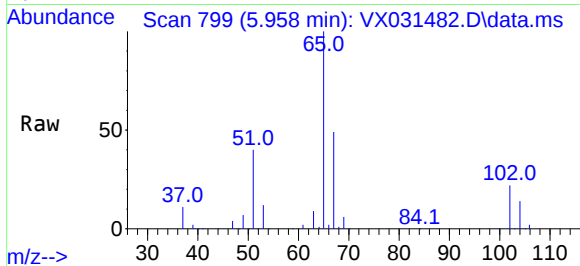
INCINERATOR-ASH

Tgt Ion: 65 Resp: 73723

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

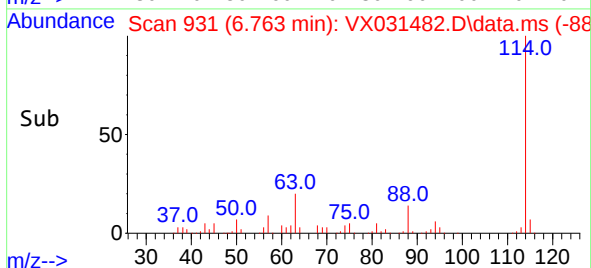
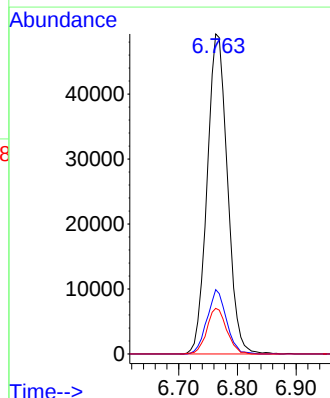
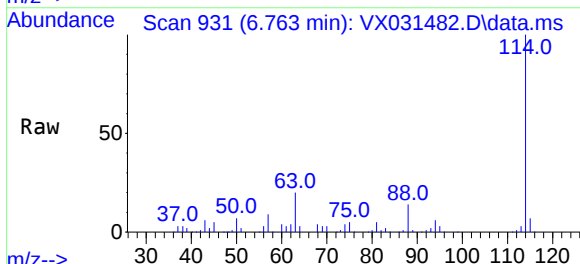
Tgt Ion: 114 Resp: 118099

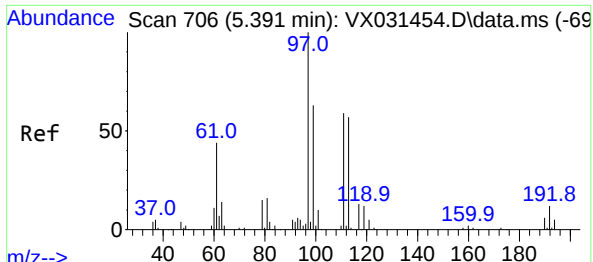
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.627 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031482.D

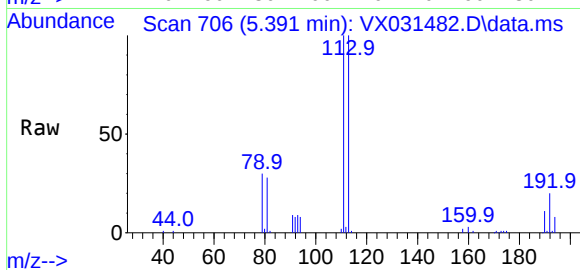
Acq: 19 Sep 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

INCINERATOR-ASH



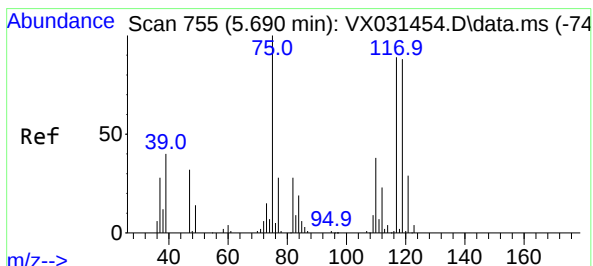
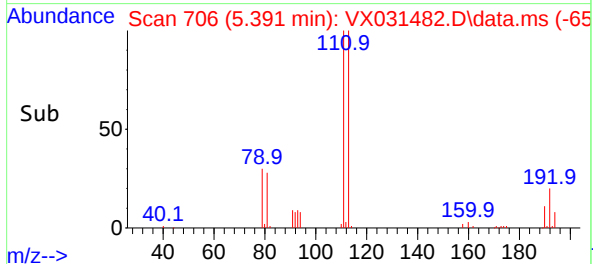
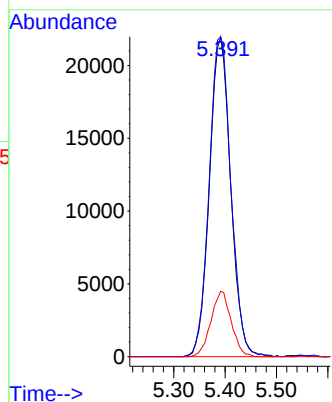
Tgt Ion:113 Resp: 62991

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 19.5 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.010 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

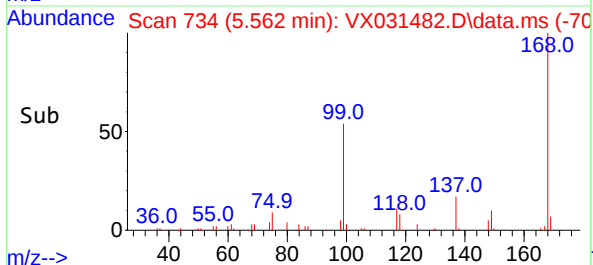
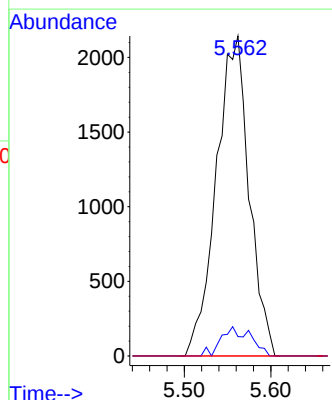
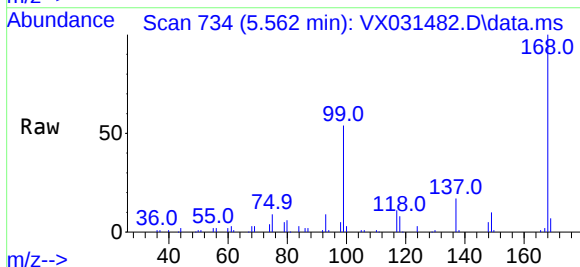
Tgt Ion: 75 Resp: 5650

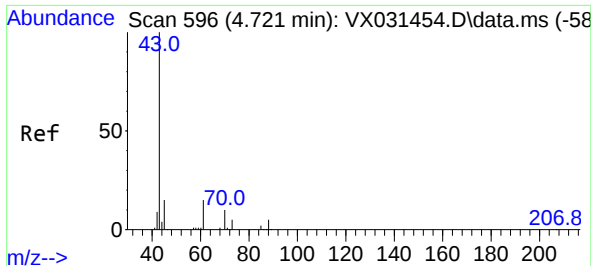
Ion Ratio Lower Upper

75 100

110 8.2 17.5 52.5#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 5.060 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

INCINERATOR-ASH

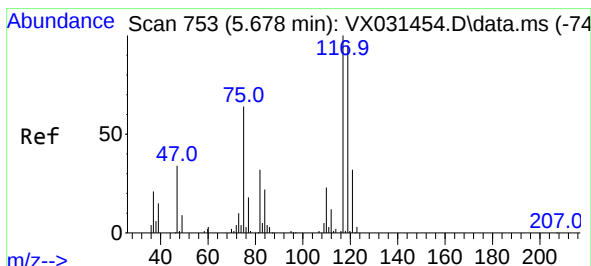
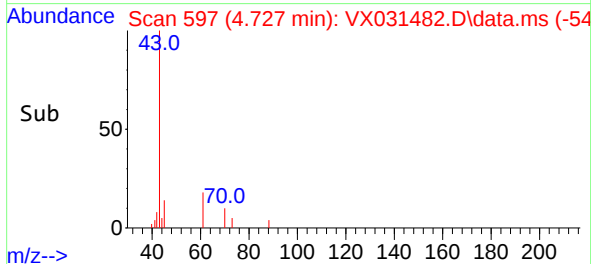
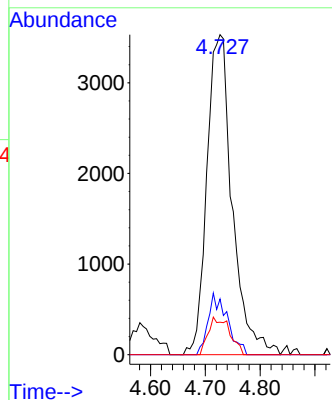
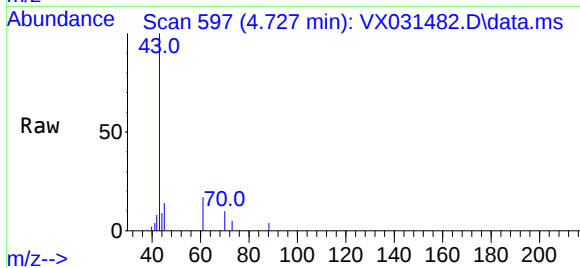
Tgt Ion: 43 Resp: 11332

Ion Ratio Lower Upper

43 100

61 14.6 11.1 16.7

70 9.8 8.6 13.0



#38

Carbon Tetrachloride

Concen: 3.542 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

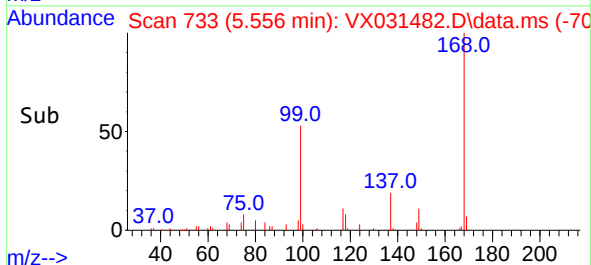
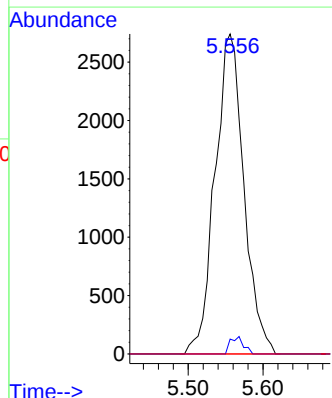
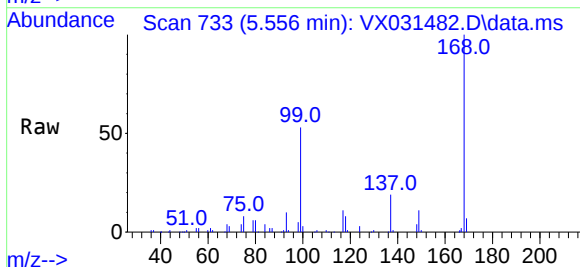
Tgt Ion: 117 Resp: 7371

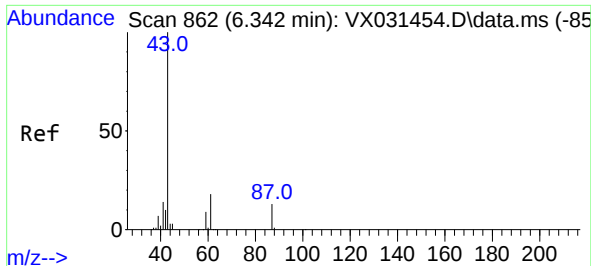
Ion Ratio Lower Upper

117 100

119 4.7 74.6 112.0#

121 0.0 25.3 37.9#

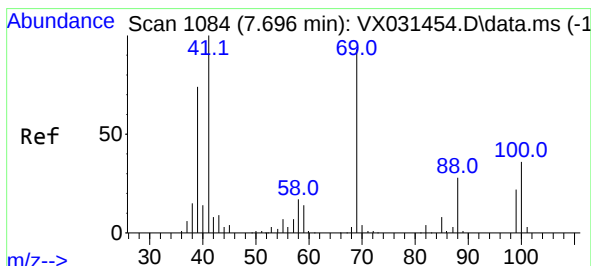
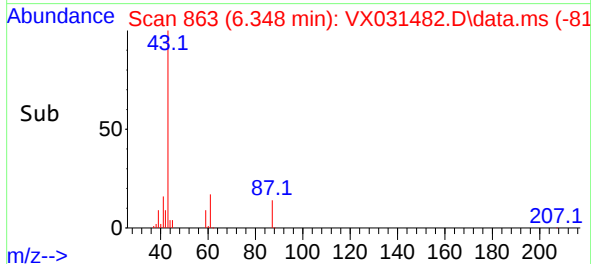
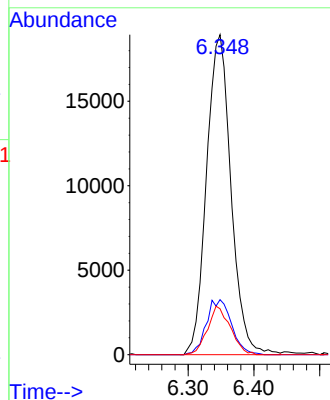
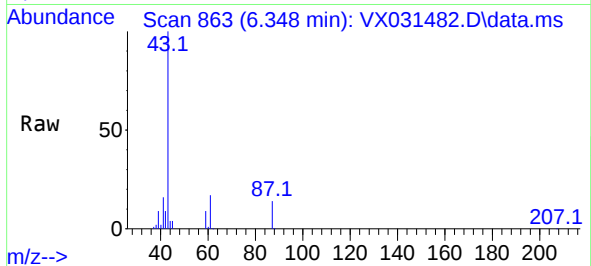




#43
Isopropyl Acetate
Concen: 14.246 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

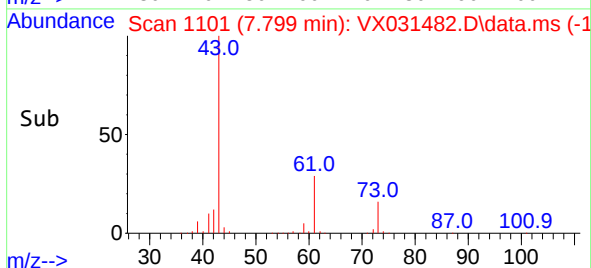
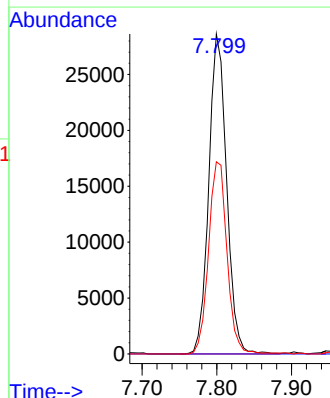
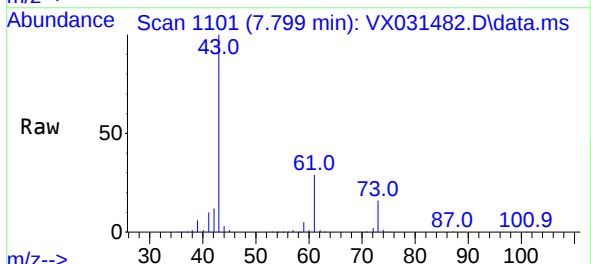
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

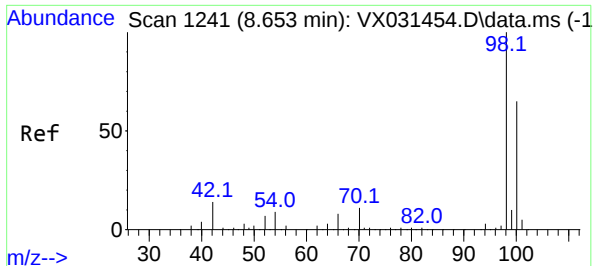
Tgt Ion: 43 Resp: 49035
Ion Ratio Lower Upper
43 100
61 17.8 15.3 22.9
87 14.2 10.6 15.8



#48
Methyl methacrylate
Concen: 30.228 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 41 Resp: 47533
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 62.2 51.4 77.0





#50

Toluene-d8

Concen: 52.293 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

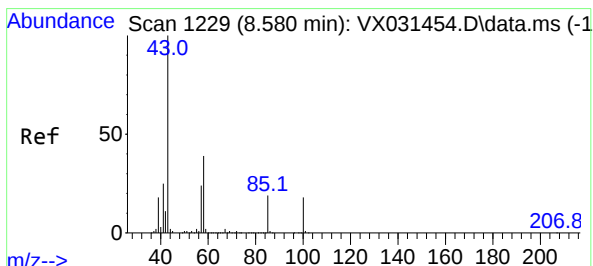
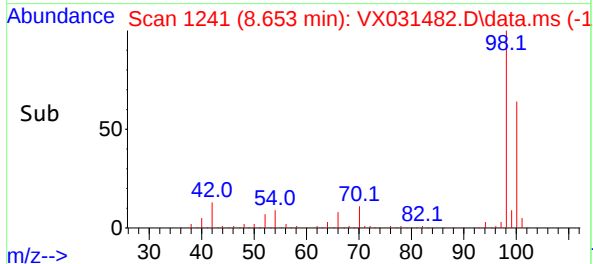
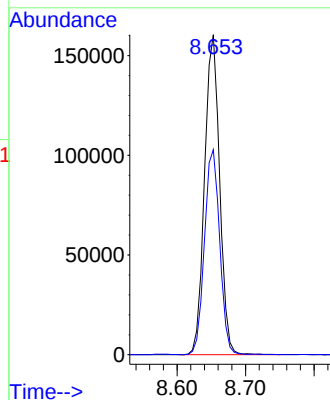
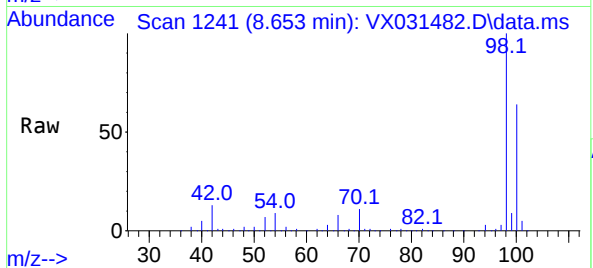
INCINERATOR-ASH

Tgt Ion: 98 Resp: 246050

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 18.136 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.031 min

Lab File: VX031482.D

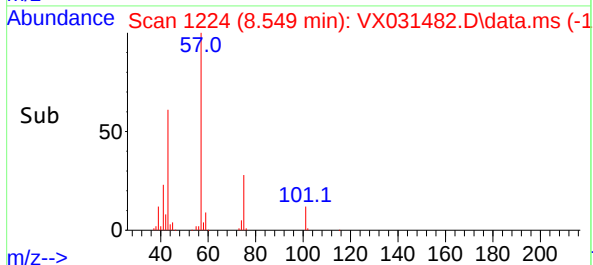
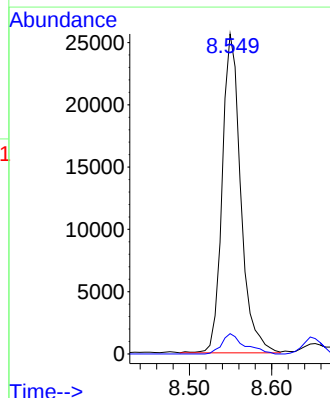
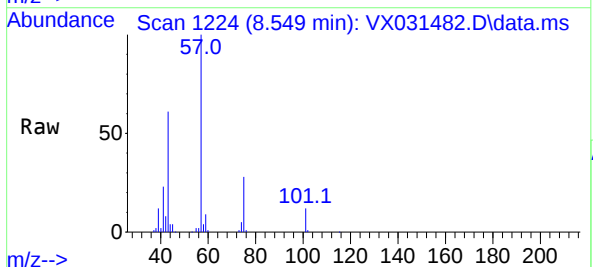
Acq: 19 Sep 2022 23:54

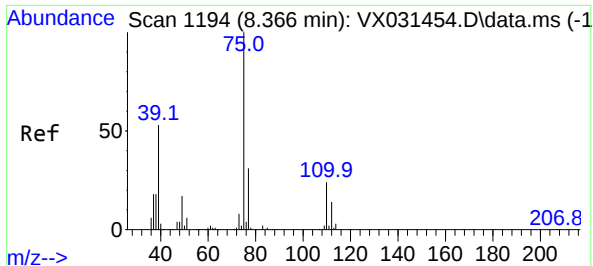
Tgt Ion: 43 Resp: 40152

Ion Ratio Lower Upper

43 100

58 7.8 30.6 46.0#





#54

cis-1,3-Dichloropropene

Concen: 7.689 ug/l

RT: 8.549 min Scan# 11

Delta R.T. 0.183 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

INCINERATOR-ASH

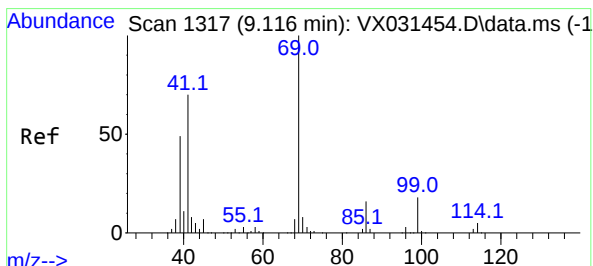
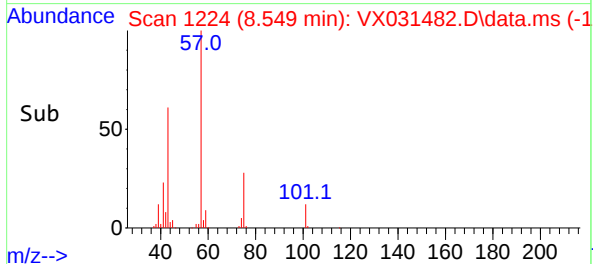
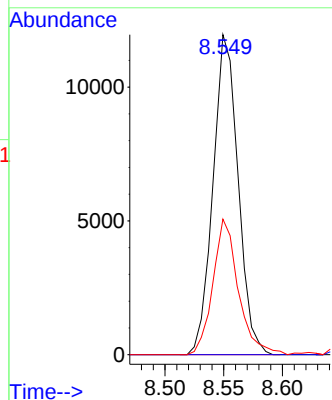
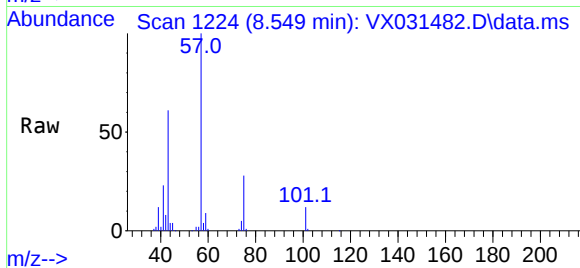
Tgt Ion: 75 Resp: 17729

Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

39 42.3 43.7 65.5#



#56

Ethyl methacrylate

Concen: 0.213 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. 0.128 min

Lab File: VX031482.D

Acq: 19 Sep 2022 23:54

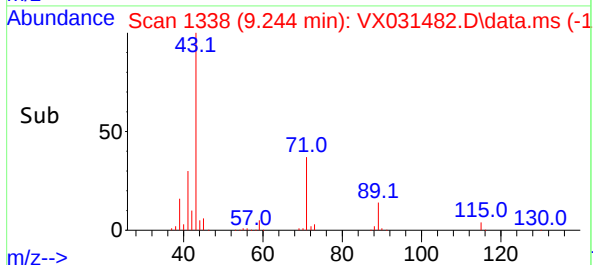
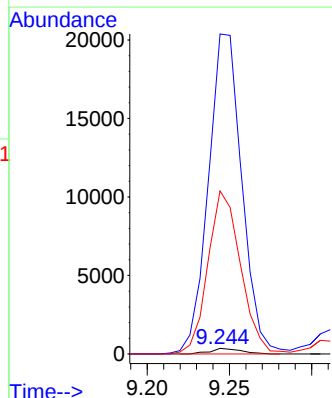
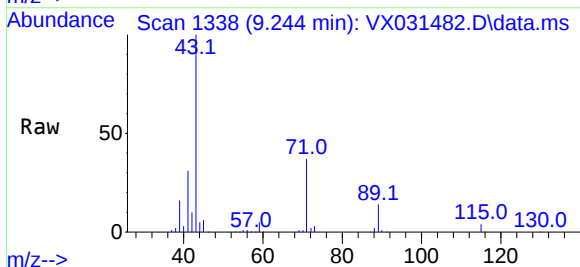
Tgt Ion: 69 Resp: 455

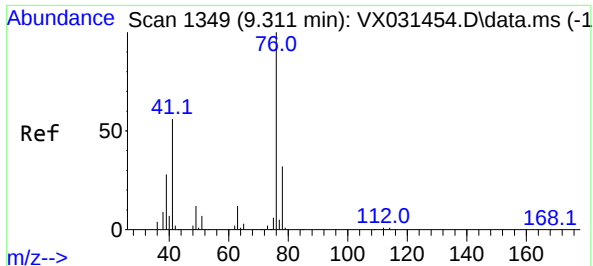
Ion Ratio Lower Upper

69 100

41 6375.8 54.2 81.4#

39 3162.0 34.2 51.2#

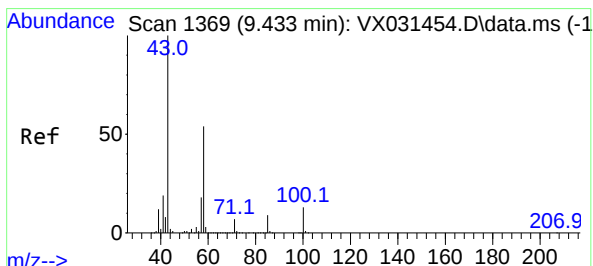
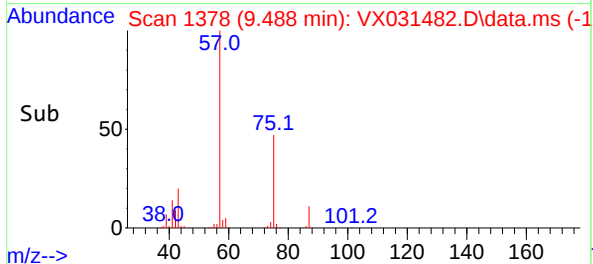
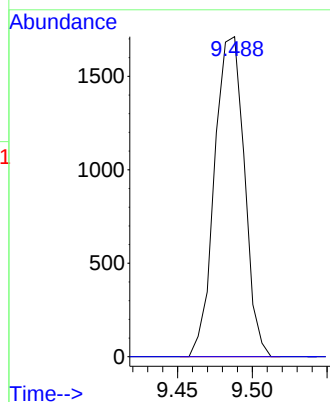
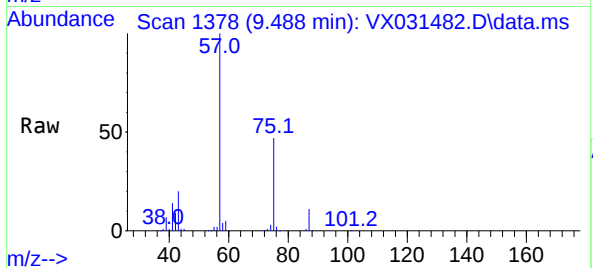




#57
1,3-Dichloropropane
Concen: 0.961 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

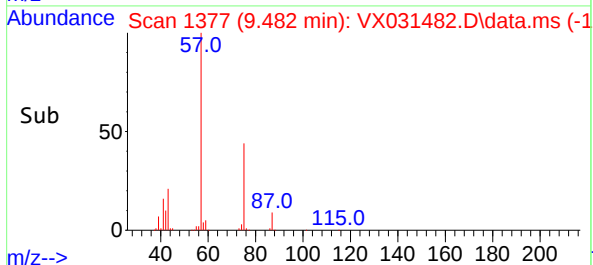
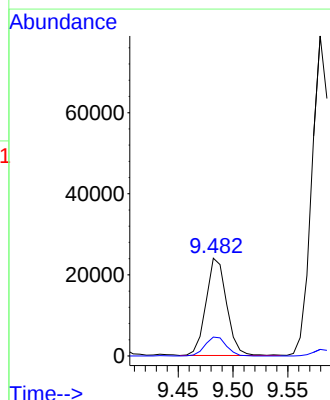
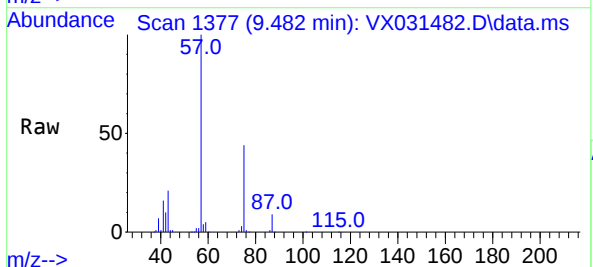
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

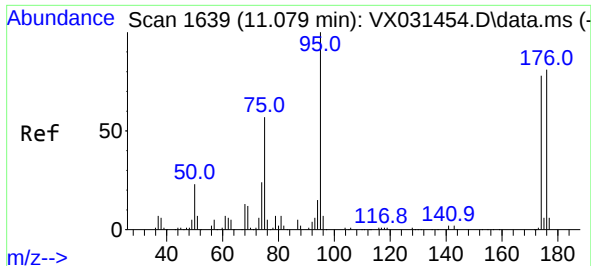
Tgt Ion: 76 Resp: 2374
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 18.799 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 43 Resp: 31257
Ion Ratio Lower Upper
43 100
58 20.2 26.7 80.0#

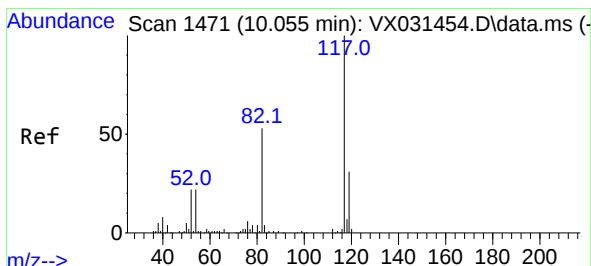
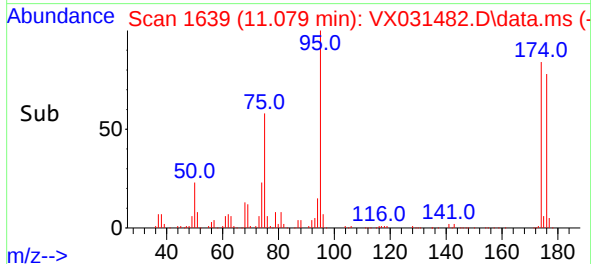
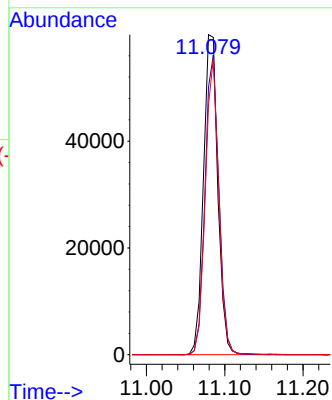
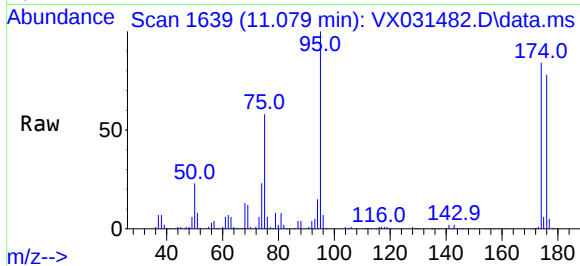




#62
4-Bromofluorobenzene
Concen: 47.989 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

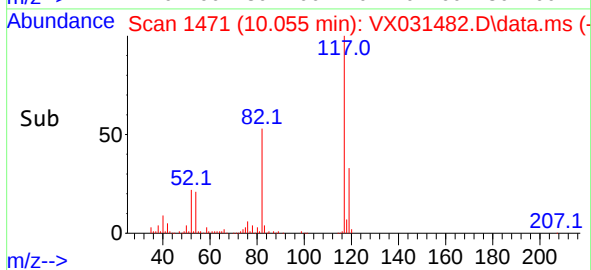
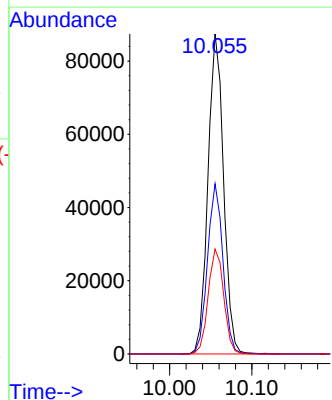
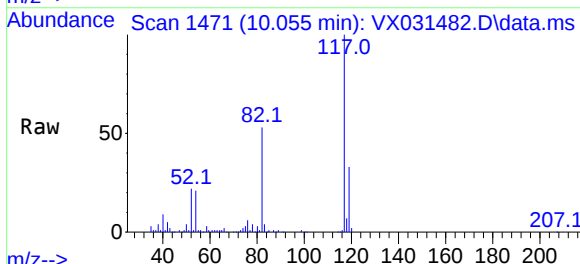
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

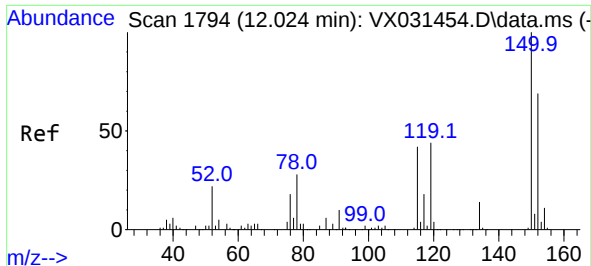
Tgt Ion: 95 Resp: 76484
Ion Ratio Lower Upper
95 100
174 90.1 0.0 153.2
176 86.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 117 Resp: 115153
Ion Ratio Lower Upper
117 100
82 53.2 46.8 70.2
119 32.7 26.4 39.6

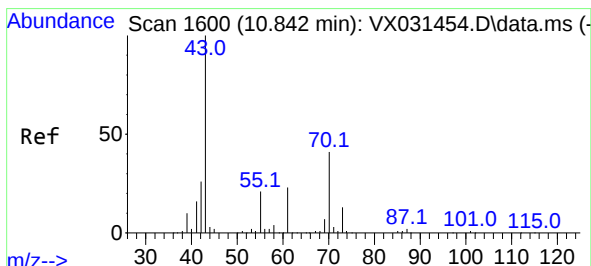
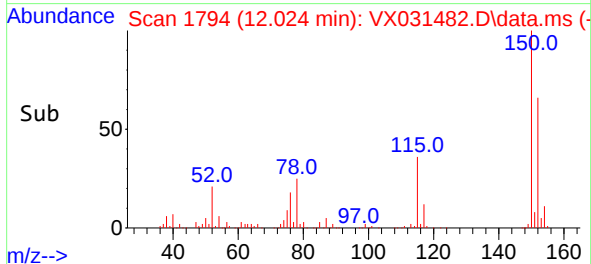
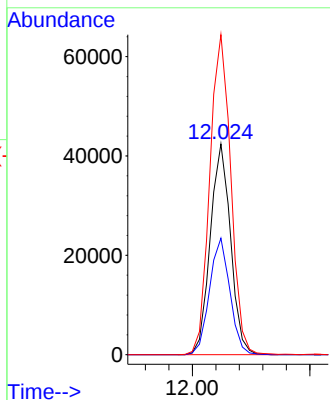
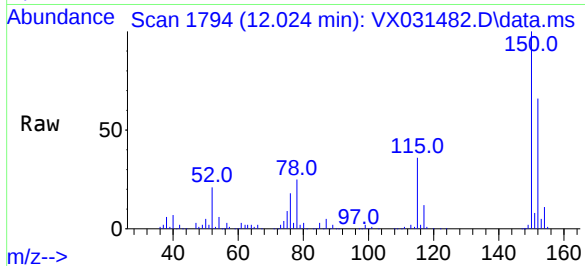




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

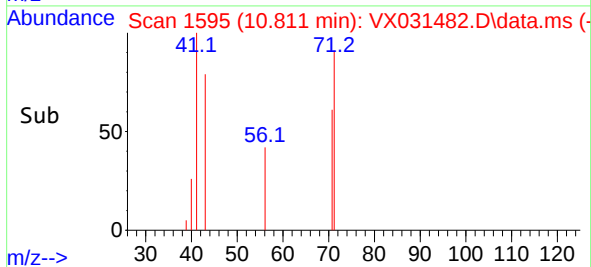
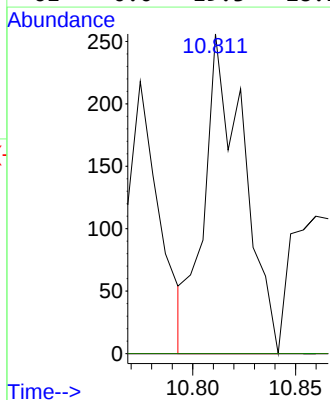
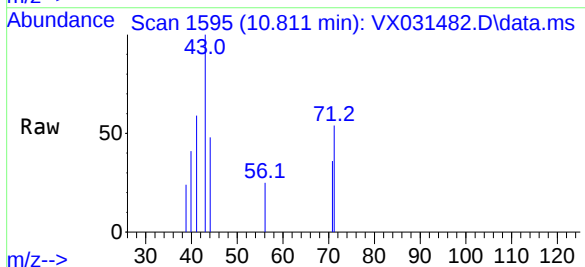
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

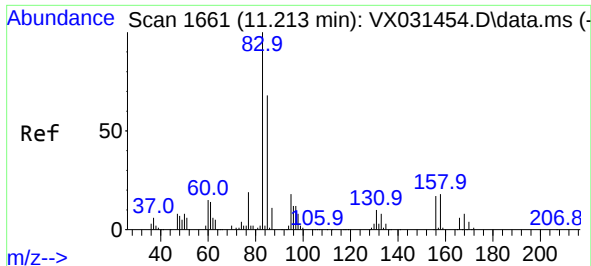
Tgt Ion:152 Resp: 50924
Ion Ratio Lower Upper
152 100
115 55.6 43.4 130.1
150 157.0 0.0 346.8



#74
N-ethyl acetate
Concen: 0.221 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.031 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 18.2 27.2#
61 0.0 19.3 28.9#

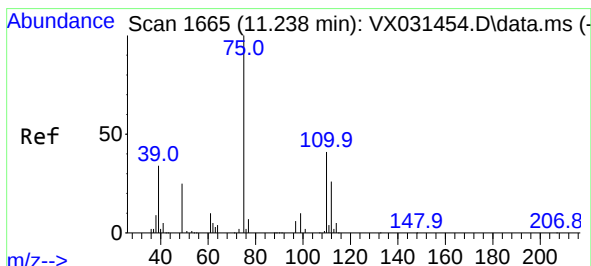
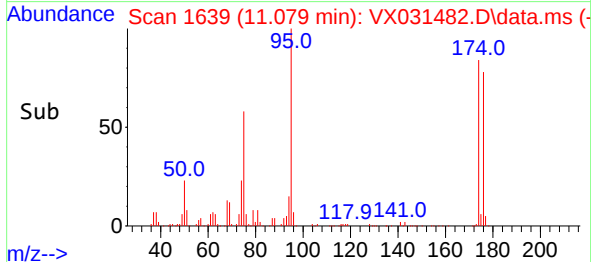
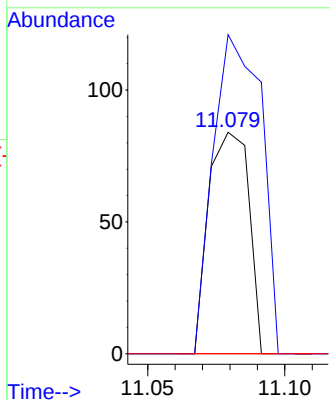
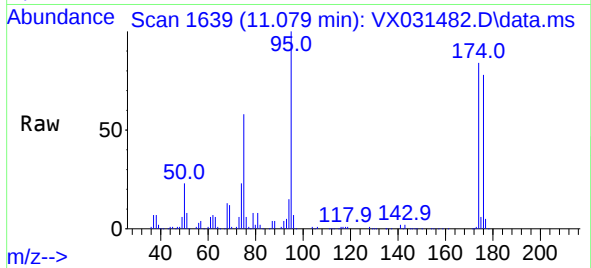




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

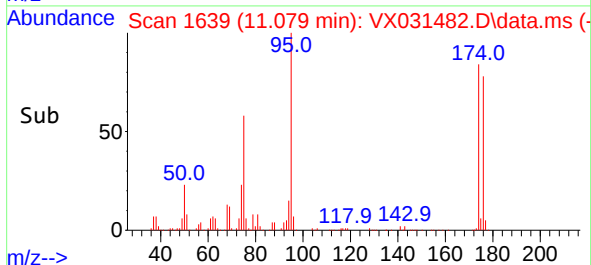
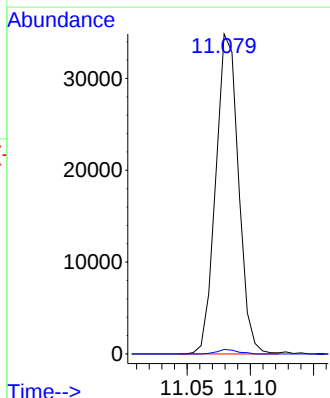
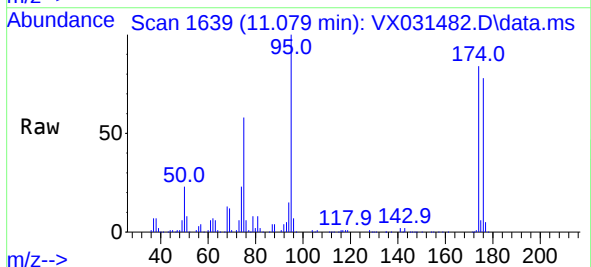
Instrument :
MSVOA_X
ClientSampleId :
INCINERATOR-ASH

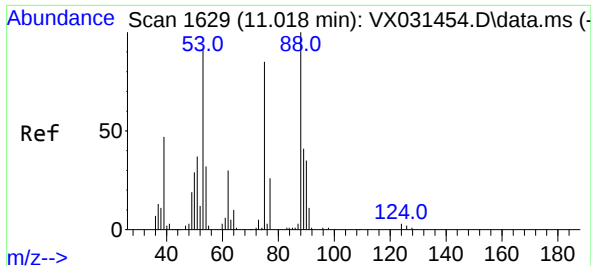
Tgt Ion: 83 Resp: 86
Ion Ratio Lower Upper
83 100
131 172.1 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 38.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031482.D
Acq: 19 Sep 2022 23:54

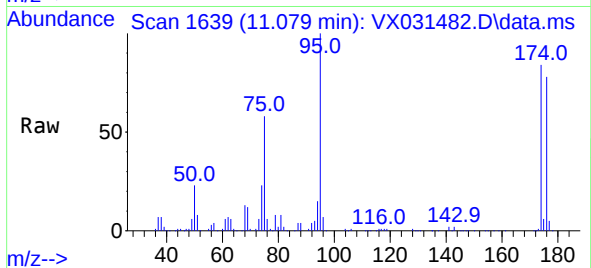
Tgt Ion: 75 Resp: 43495
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.220 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031482.D
 Acq: 19 Sep 2022 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 INCINERATOR-ASH



Tgt Ion: 75 Resp: 43495
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

