

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033750.D
 Acq On : 16 Jan 2023 16:00
 Operator : JC/MD
 Sample : 01100-05
 Misc : 7.01g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTEME

Quant Time: Jan 17 00:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

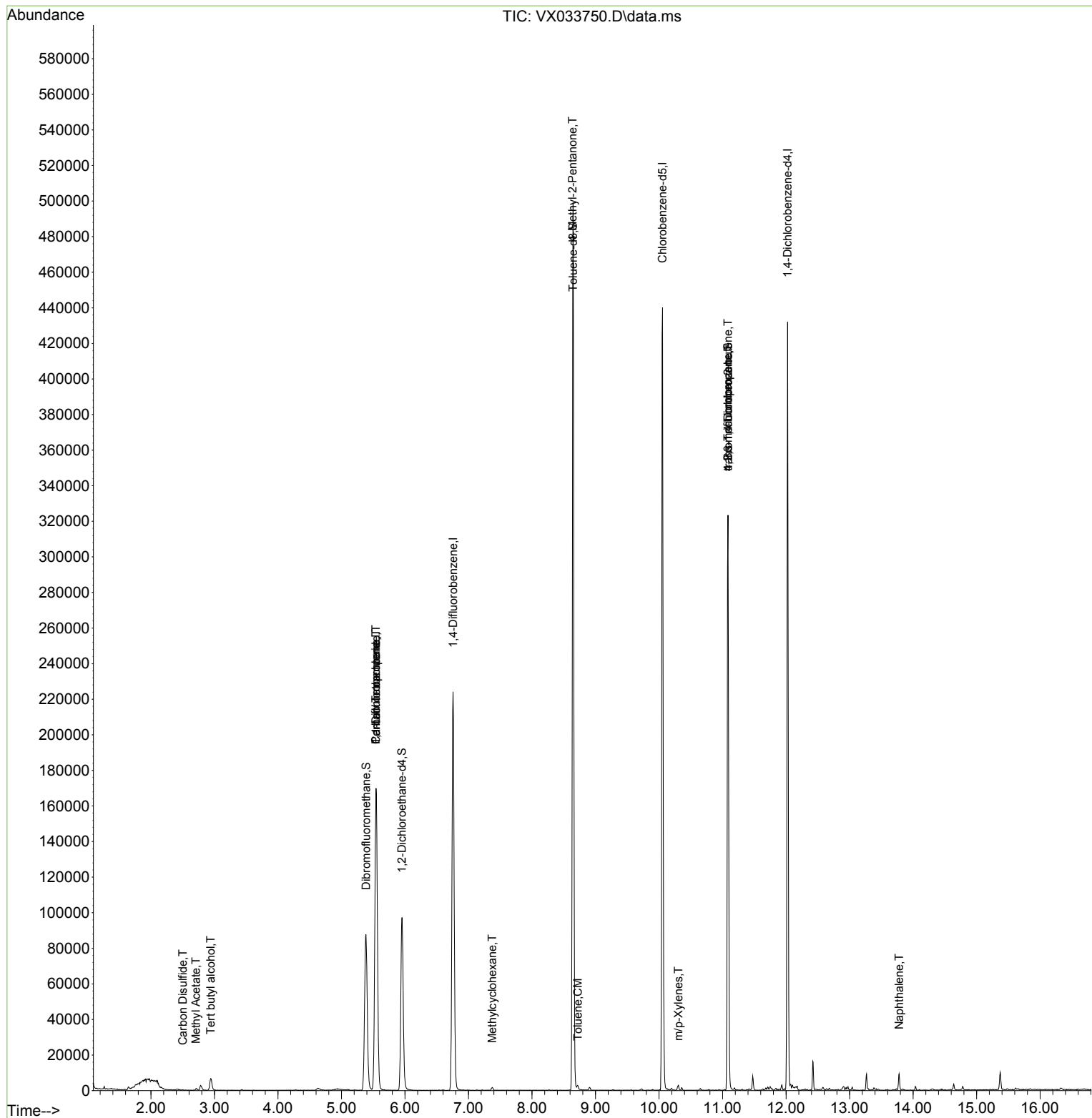
Internal Standards						
1) Pentafluorobenzene	5.544	168	174712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95290	51.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.600%			
35) Dibromofluoromethane	5.385	113	78232	54.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.620%			
50) Toluene-d8	8.647	98	303343	58.328	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 116.660%#			
62) 4-Bromofluorobenzene	11.085	95	98040	50.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	4010	12.548	ug/l #	86
16) Acetone	2.410	43	899	Below Cal		96
17) Carbon Disulfide	2.502	76	260	1.892	ug/l #	76
18) Methyl Acetate	2.709	43	1224	0.477	ug/l	95
20) Methylene Chloride	2.782	84	1539	Below Cal	#	87
36) 1,1-Dichloropropene	5.544	75	12160	5.837	ug/l #	49
37) Ethyl Acetate	4.635	43	30	Below Cal	#	68
38) Carbon Tetrachloride	5.544	117	16259	7.536	ug/l #	15
39) Methylcyclohexane	7.373	83	751	0.292	ug/l	96
51) 4-Methyl-2-Pentanone	8.641	43	1333	0.660	ug/l #	1
52) Toluene	8.720	92	1004	0.256	ug/l	94
68) m/p-Xylenes	10.305	106	743	0.234	ug/l	85
73) Isopropylbenzene	10.963	105	150	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.482	83	65	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.085	75	45826	26.292	ug/l #	34
79) 2-Chlorotoluene	11.378	91	48	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	45826	81.713	ug/l #	8
82) 4-Chlorotoluene	11.469	91	220	Below Cal	#	43
95) Naphthalene	13.780	128	6126	1.022	ug/l	99

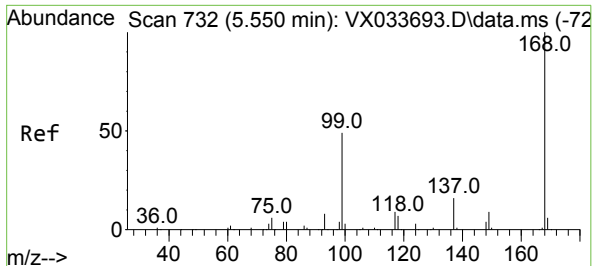
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

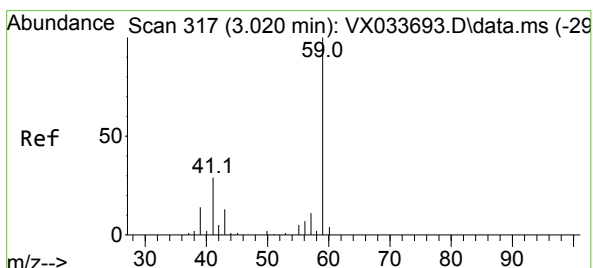
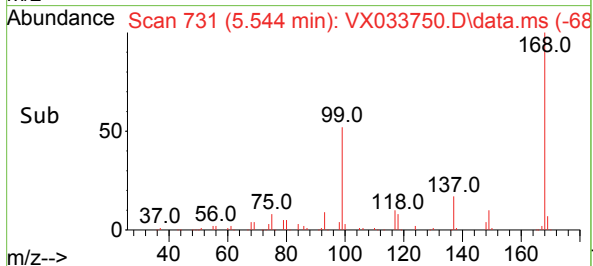
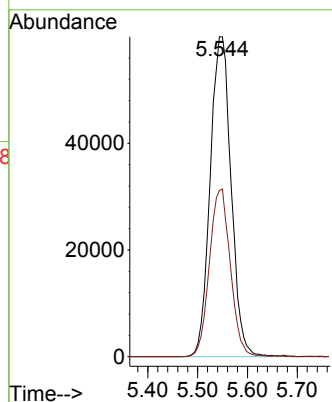
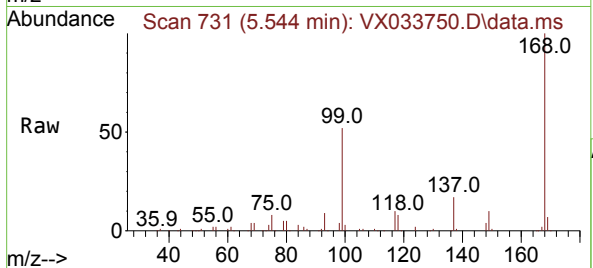




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

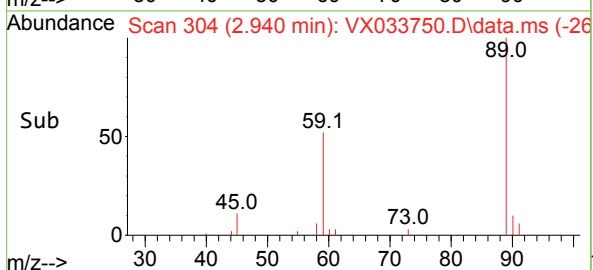
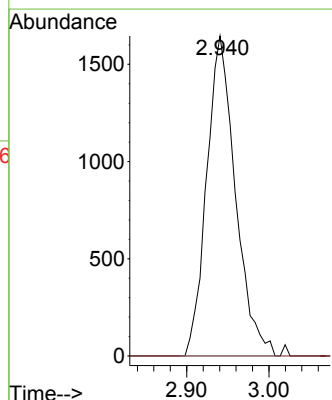
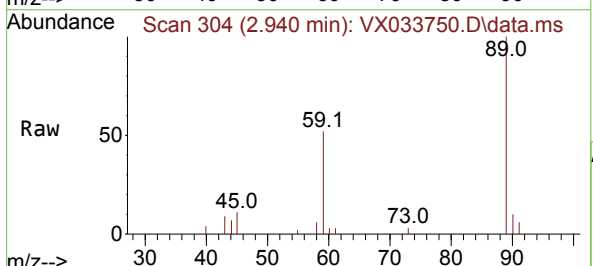
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

Tgt Ion:168 Resp: 174712
Ion Ratio Lower Upper
168 100
99 52.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 12.548 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 59 Resp: 4010
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

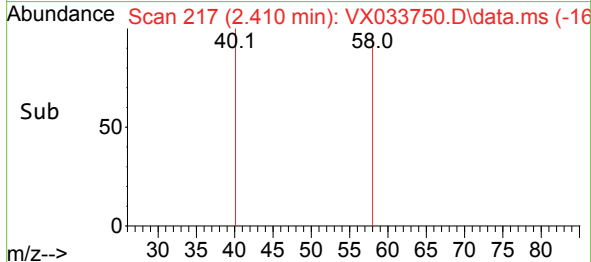
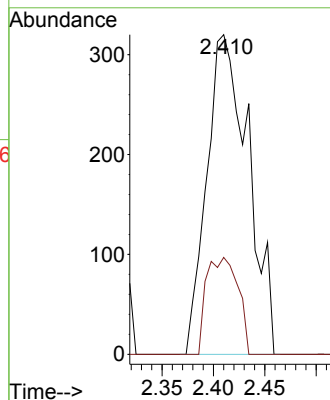
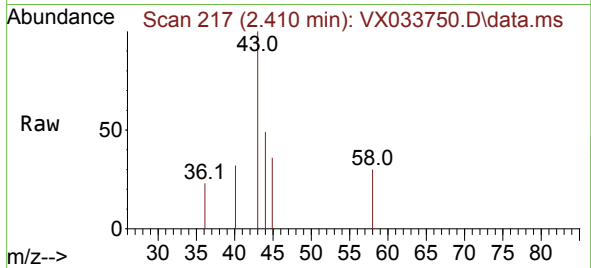




#16
Acetone
Concen: Below Cal
RT: 2.410 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

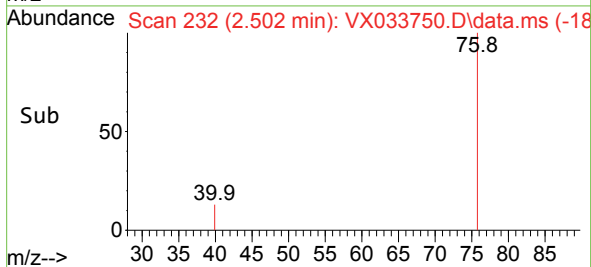
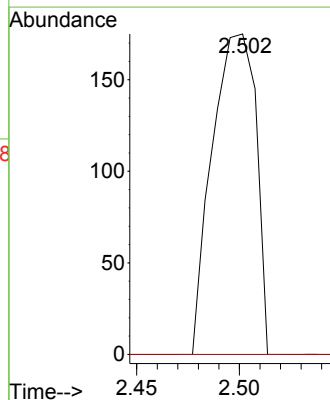
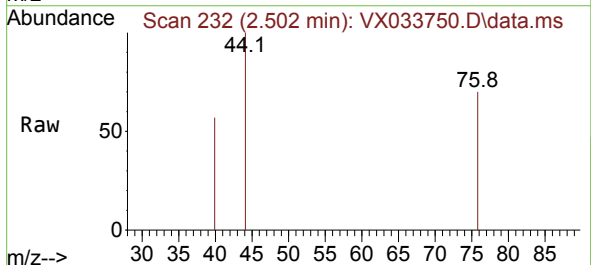
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

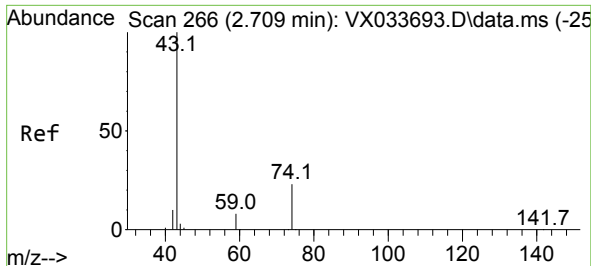
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8



#17
Carbon Disulfide
Concen: 1.892 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 76 Resp: 260
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

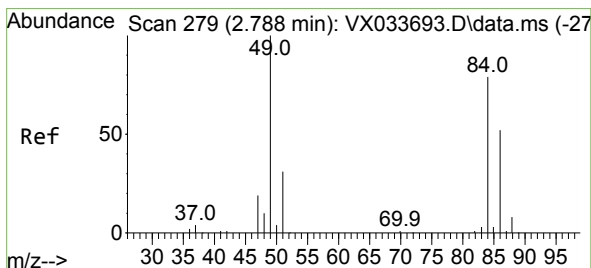
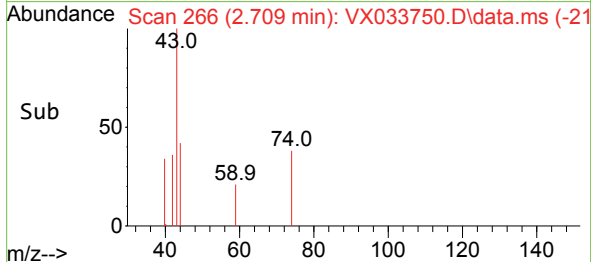
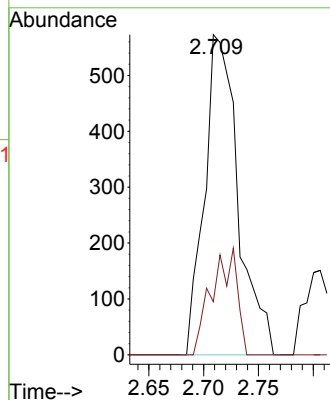
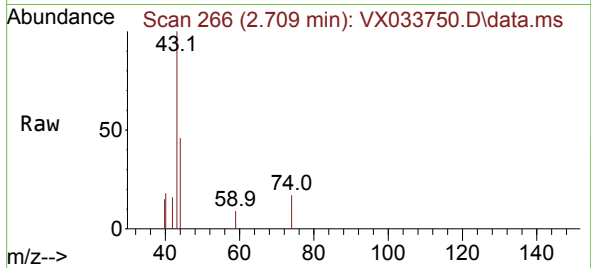




#18
Methyl Acetate
Concen: 0.477 ug/l
RT: 2.709 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

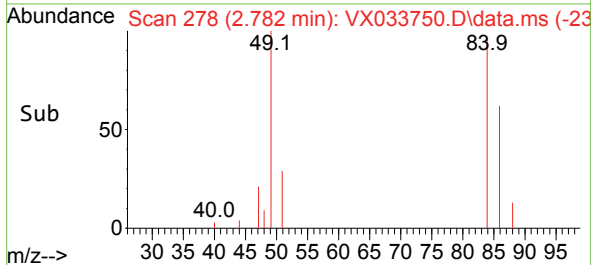
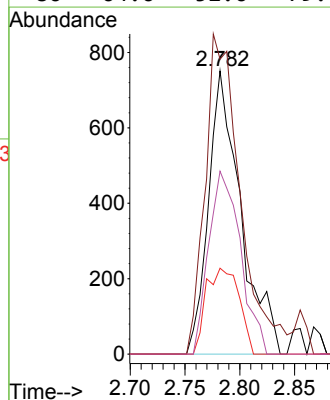
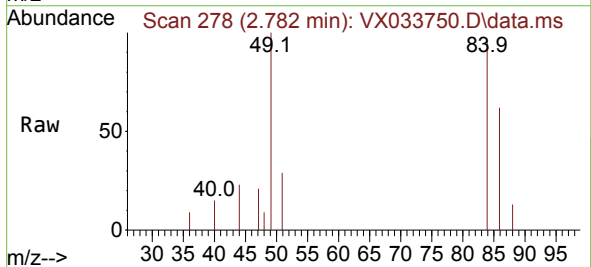
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

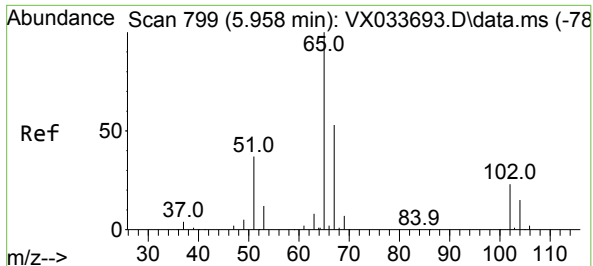
Tgt Ion: 43 Resp: 1224
Ion Ratio Lower Upper
43 100
74 25.1 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 84 Resp: 1539
Ion Ratio Lower Upper
84 100
49 104.1 101.1 151.7
51 30.4 31.0 46.6#
86 64.6 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 51.801 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

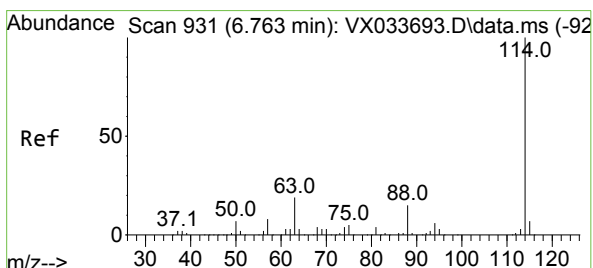
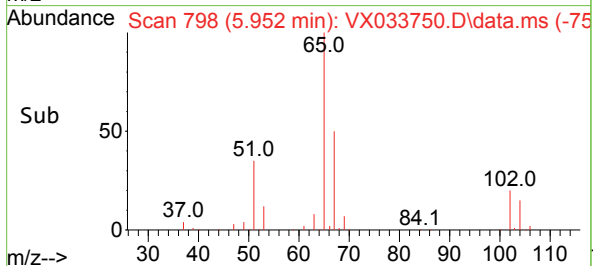
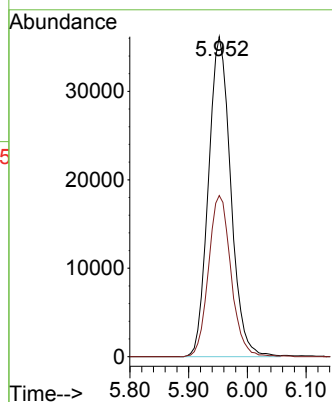
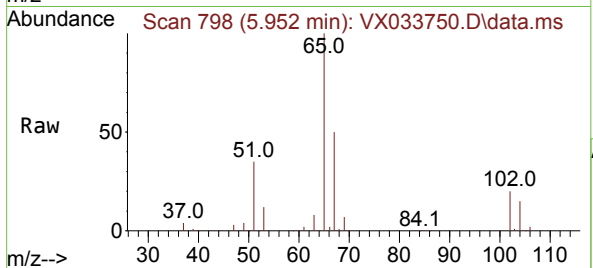
WASTEME

Tgt Ion: 65 Resp: 95290

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

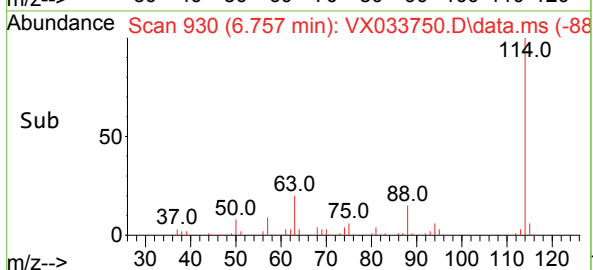
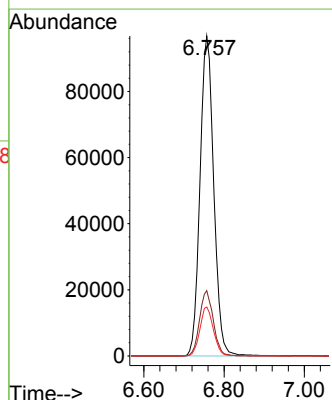
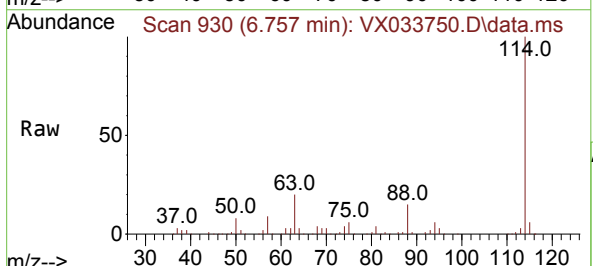
Tgt Ion: 114 Resp: 229869

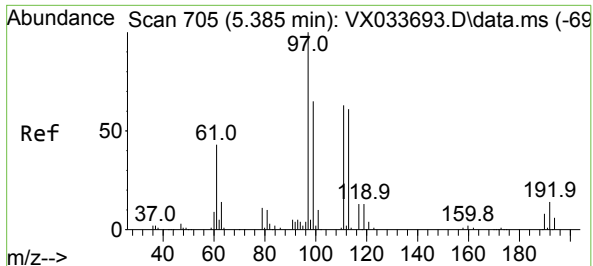
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.3 0.0 30.6

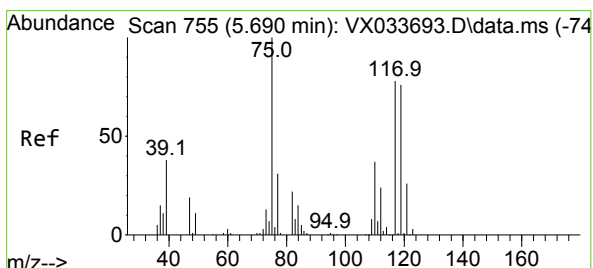
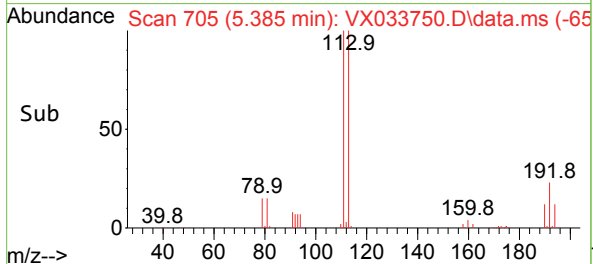
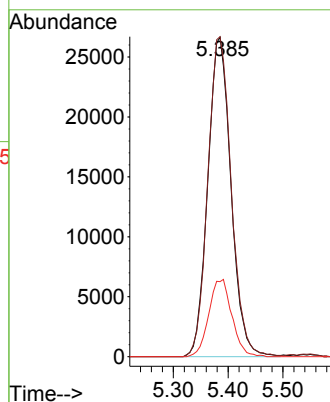
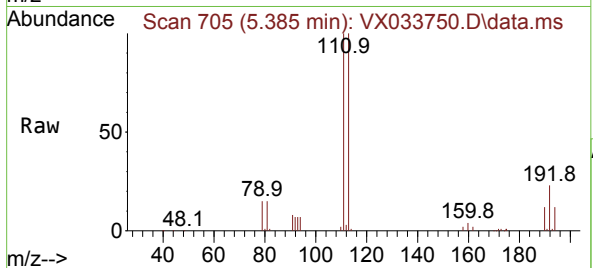




#35
Dibromofluoromethane
Concen: 54.809 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

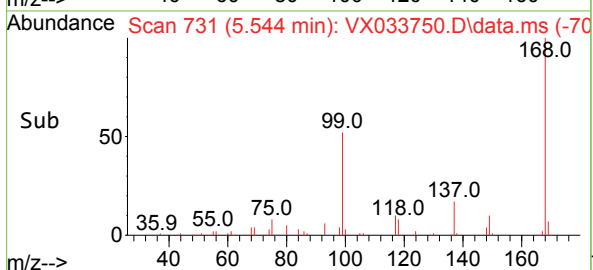
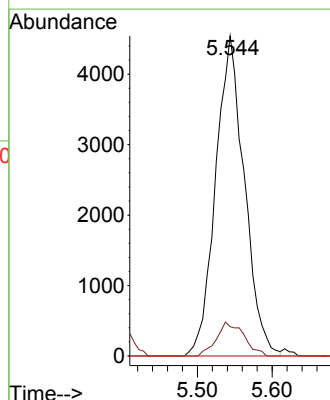
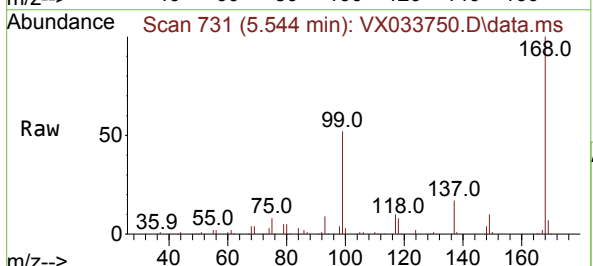
Instrument :
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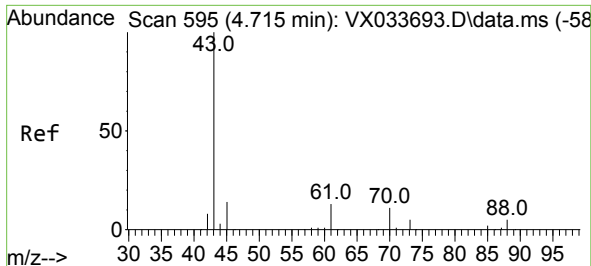
Tgt Ion:113 Resp: 78232
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 24.1 19.0 28.4



#36
1,1-Dichloropropene
Concen: 5.837 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 75 Resp: 12160
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.635 min Scan# 51

Delta R.T. -0.080 min

Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

Instrument :

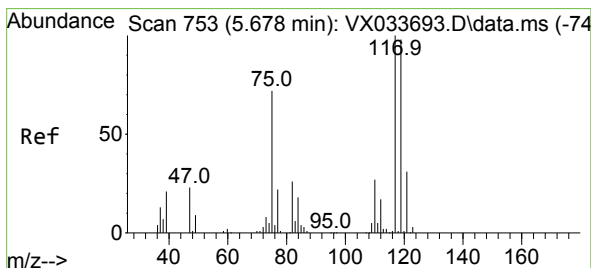
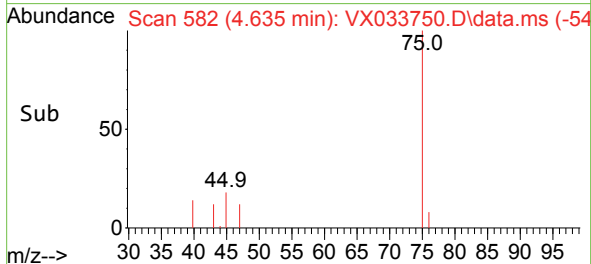
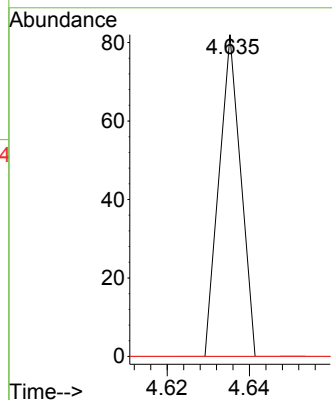
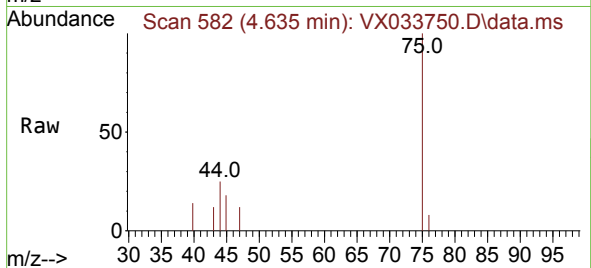
MSVOA_X

ClientSampleId :

WASTEME

Tgt Ion: 43 Resp: 30

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 7.536 ug/l

RT: 5.544 min Scan# 731

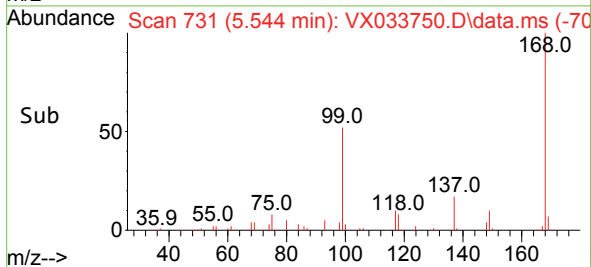
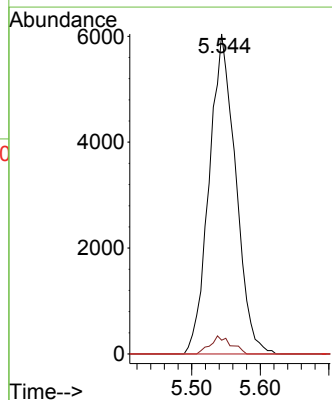
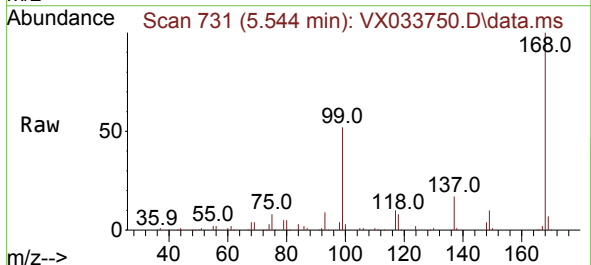
Delta R.T. -0.134 min

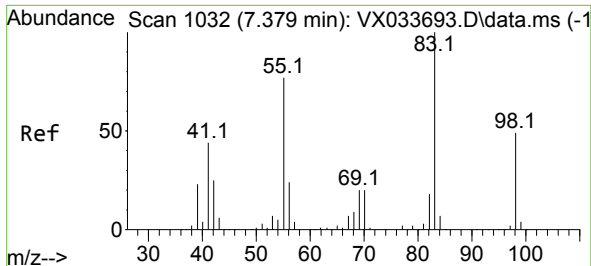
Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

Tgt Ion: 117 Resp: 16259

Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.0	117.0#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 0.292 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

WASTEME

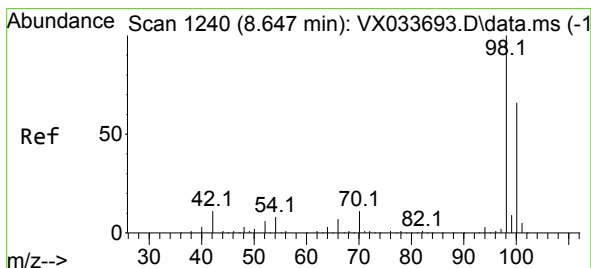
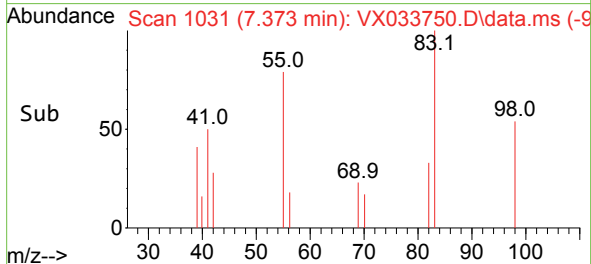
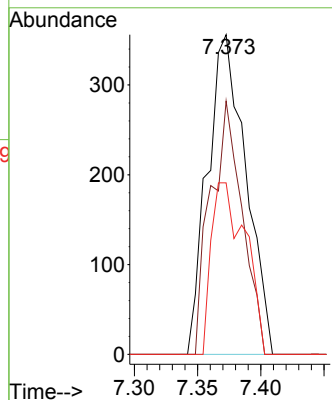
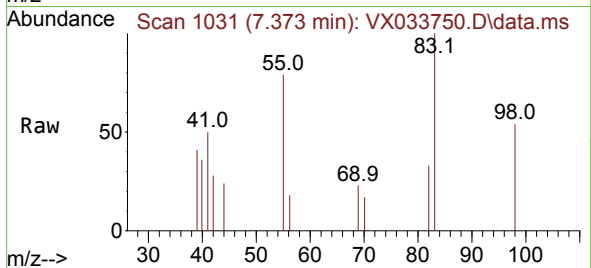
Tgt Ion: 83 Resp: 751

Ion Ratio Lower Upper

83 100

55 79.2 61.8 92.6

98 53.7 39.3 58.9



#50

Toluene-d8

Concen: 58.328 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033750.D

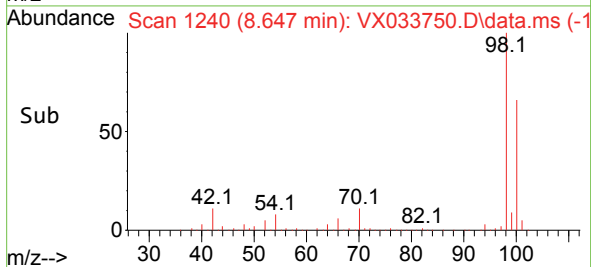
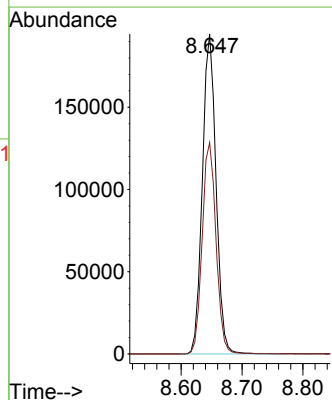
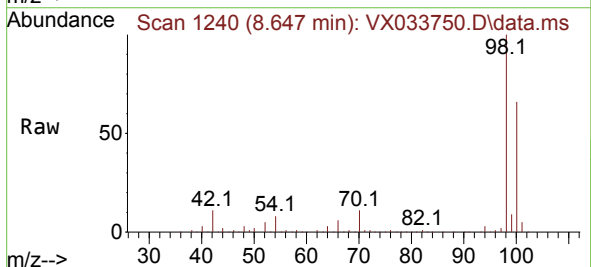
Acq: 16 Jan 2023 16:00

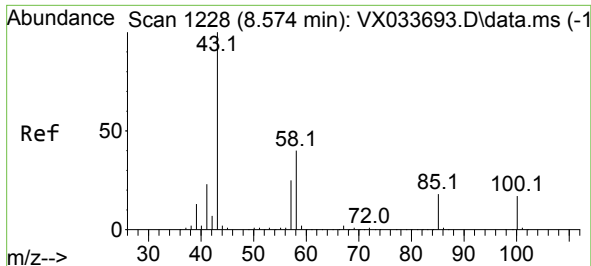
Tgt Ion: 98 Resp: 303343

Ion Ratio Lower Upper

98 100

100 66.9 53.6 80.4

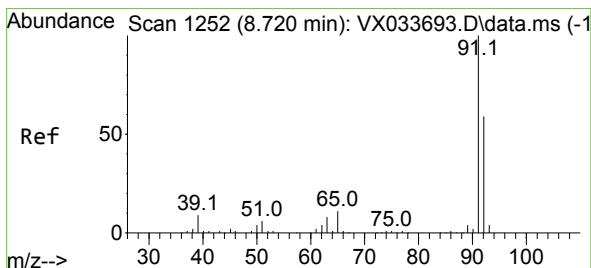
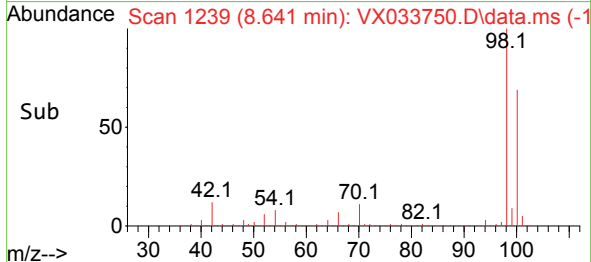
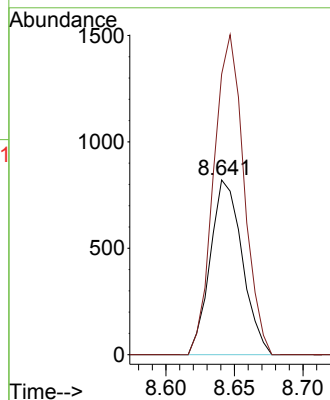
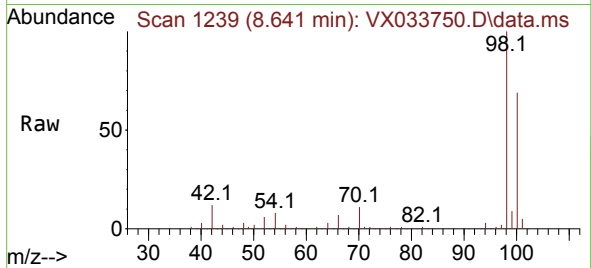




#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

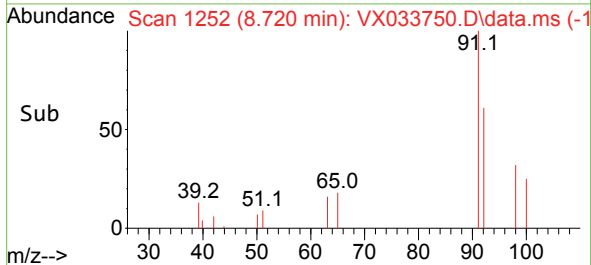
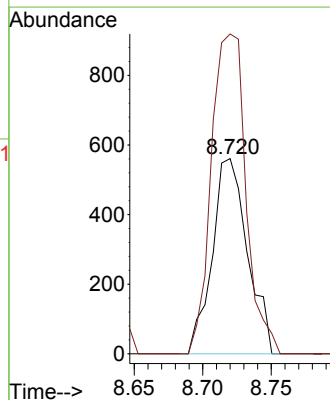
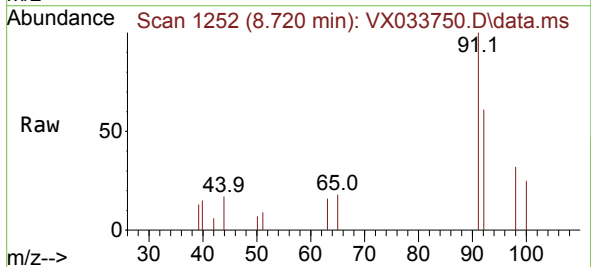
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

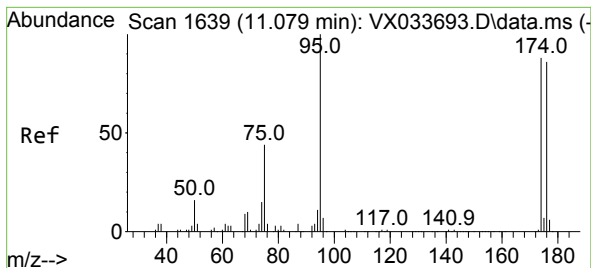
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 172.9 31.2 46.8#



#52
Toluene
Concen: 0.256 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 92 Resp: 1004
Ion Ratio Lower Upper
92 100
91 160.8 135.5 203.3

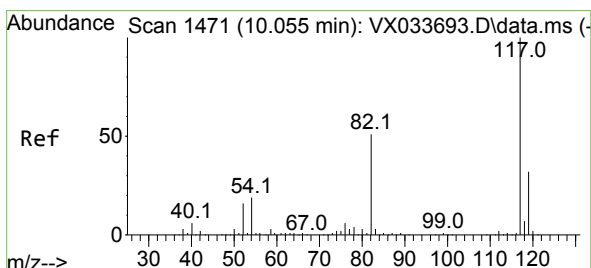
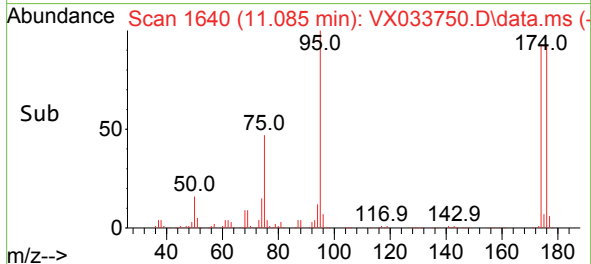
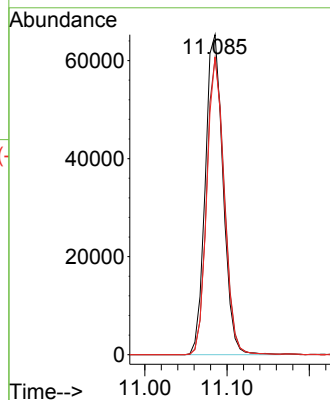
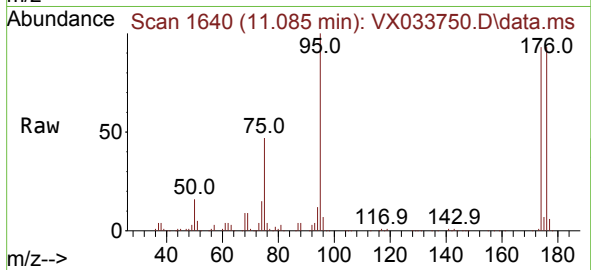




#62
4-Bromofluorobenzene
Concen: 50.774 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

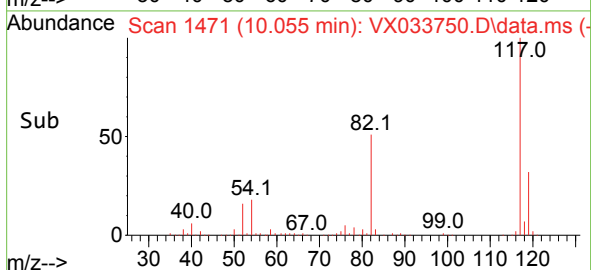
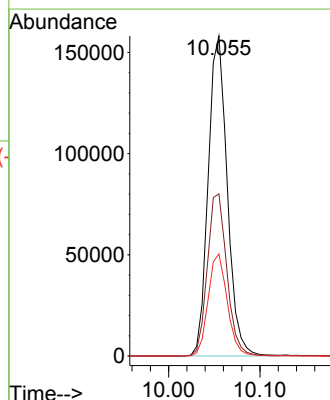
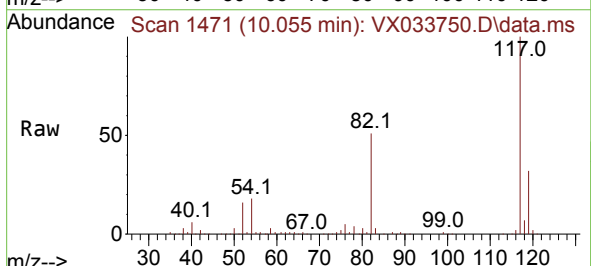
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

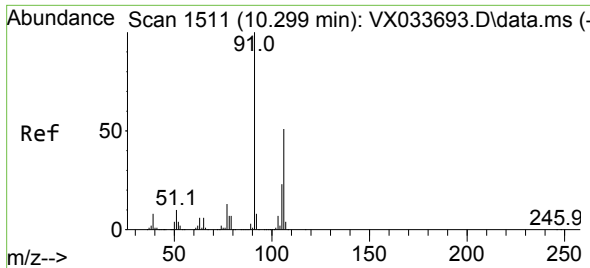
Tgt Ion: 95 Resp: 98040
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.4
176 90.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 117 Resp: 228573
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 31.9 25.6 38.4

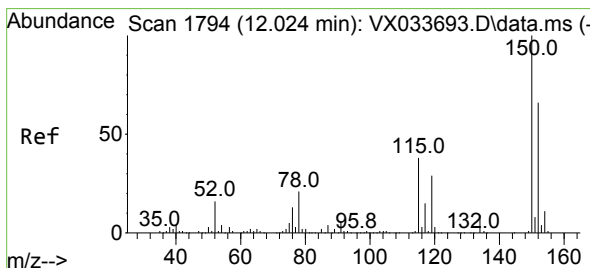
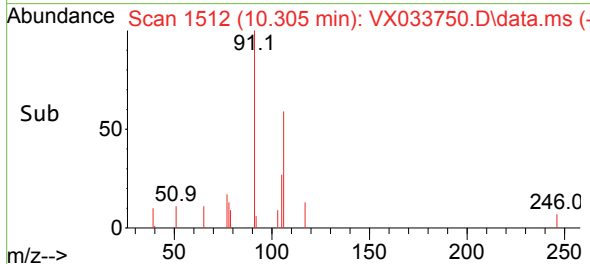
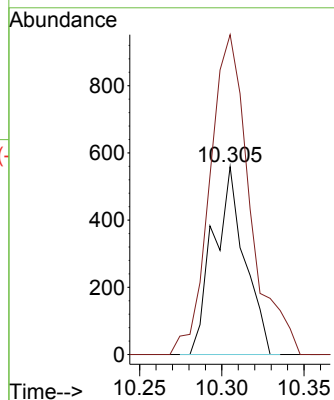
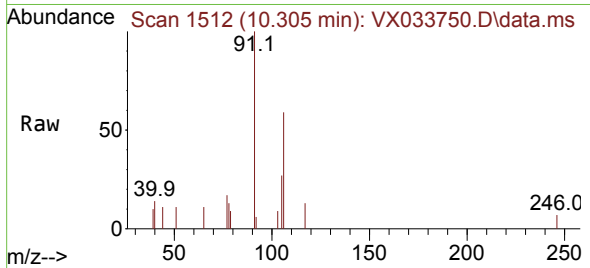




#68
m/p-Xylenes
Concen: 0.234 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

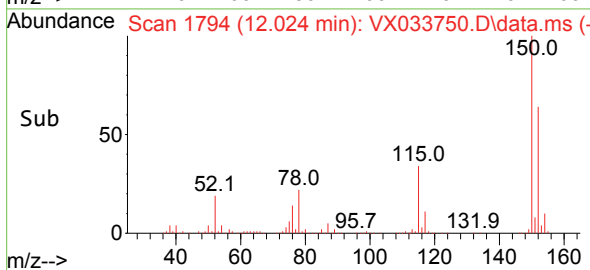
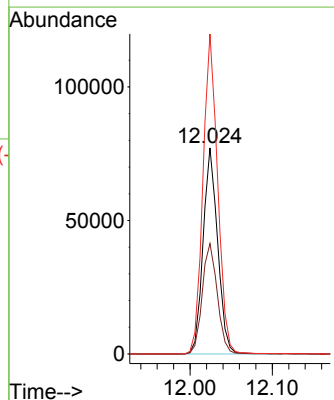
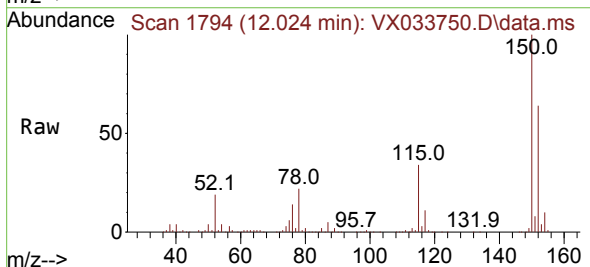
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

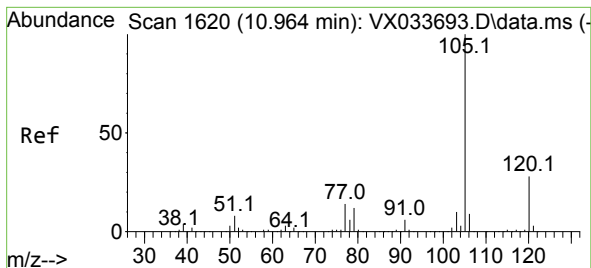
Tgt Ion:106 Resp: 743
Ion Ratio Lower Upper
106 100
91 217.9 156.4 234.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion:152 Resp: 94862
Ion Ratio Lower Upper
152 100
115 55.4 38.7 116.1
150 156.7 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

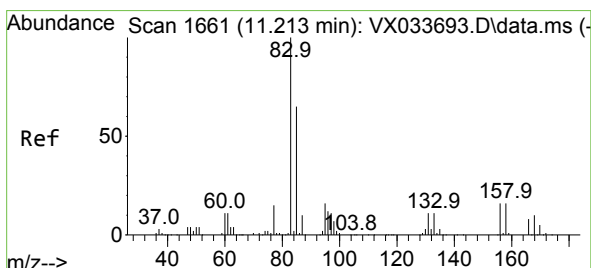
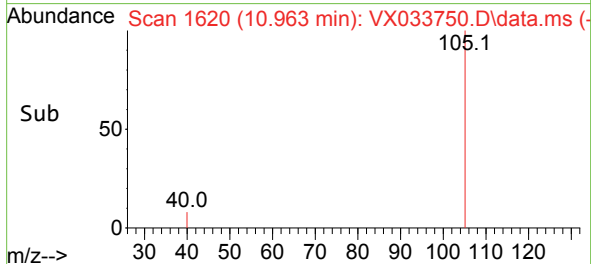
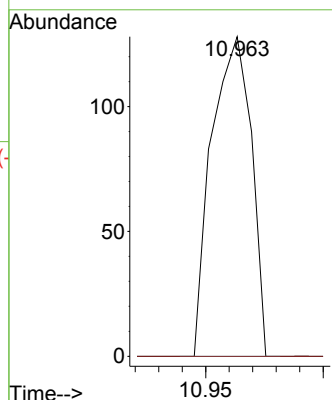
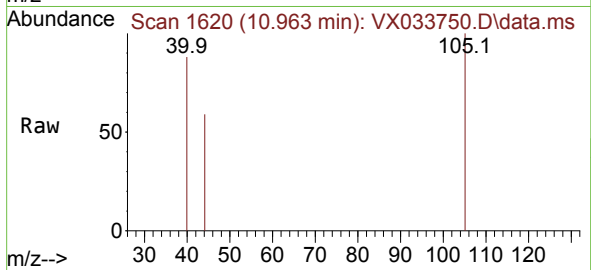
WASTEME

Tgt Ion:105 Resp: 150

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.482 min Scan# 1705

Delta R.T. 0.269 min

Lab File: VX033750.D

Acq: 16 Jan 2023 16:00

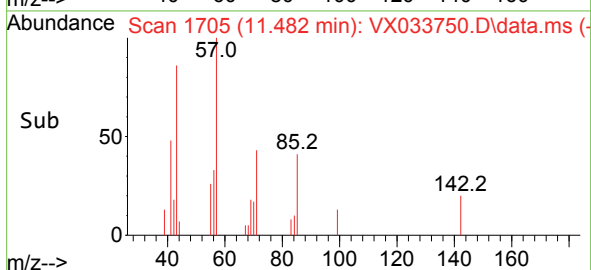
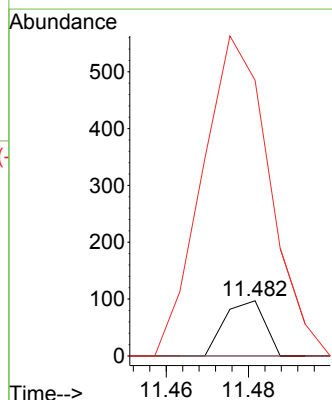
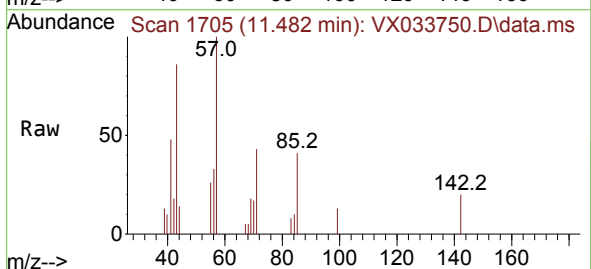
Tgt Ion: 83 Resp: 65

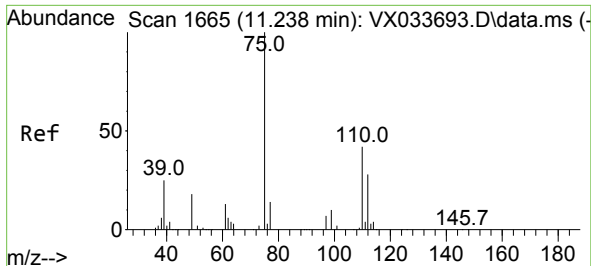
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 955.4 32.3 96.9#

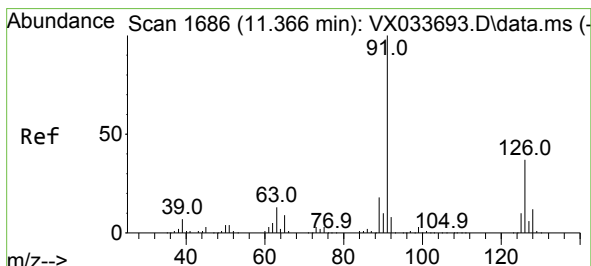
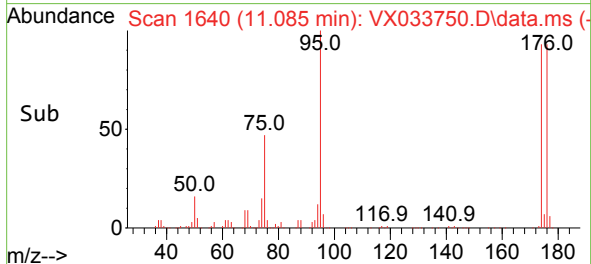
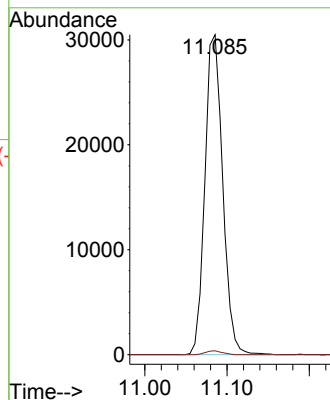
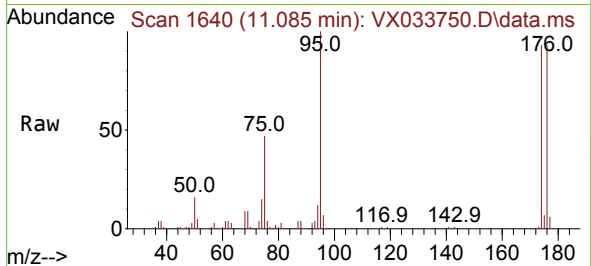




#76
1,2,3-Trichloropropane
Concen: 26.292 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.153 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

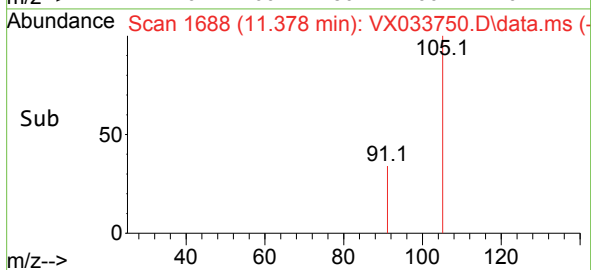
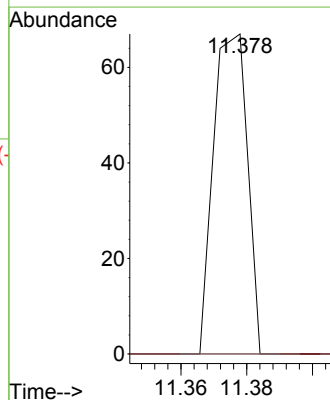
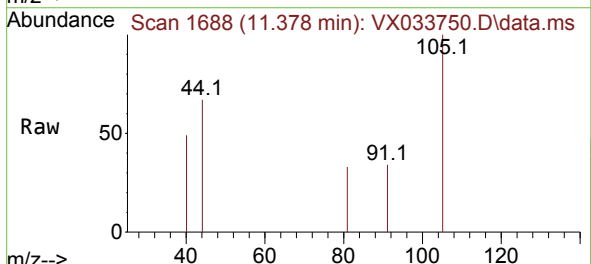
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

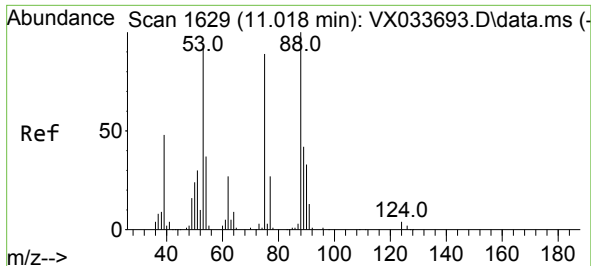
Tgt Ion: 75 Resp: 45826
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

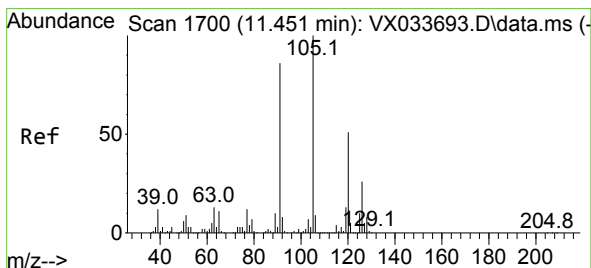
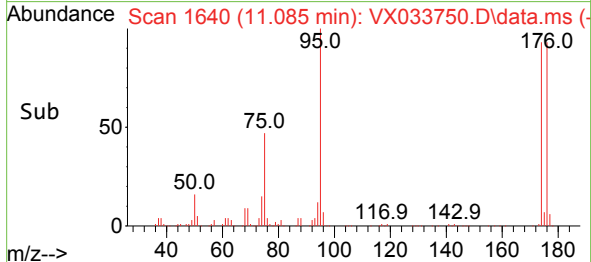
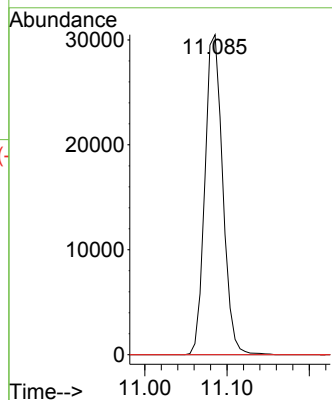
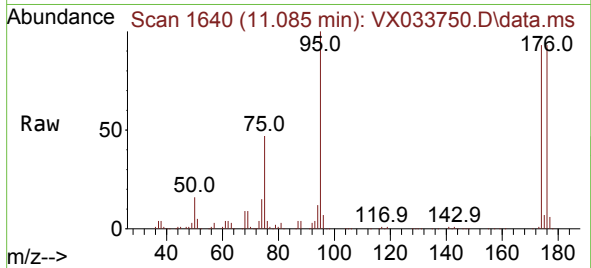




#81
trans-1,4-Dichloro-2-butene
Concen: 81.713 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

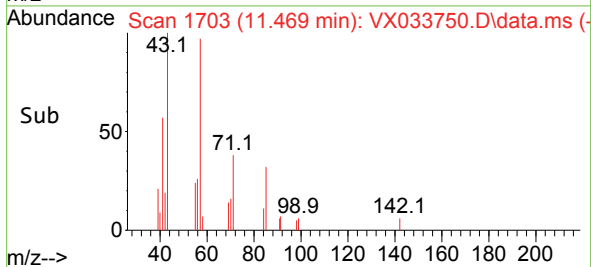
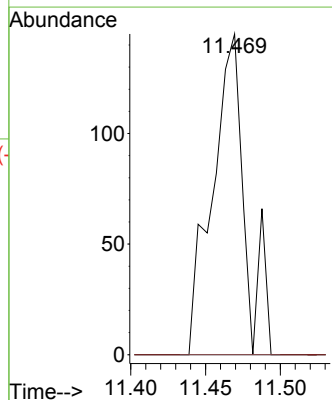
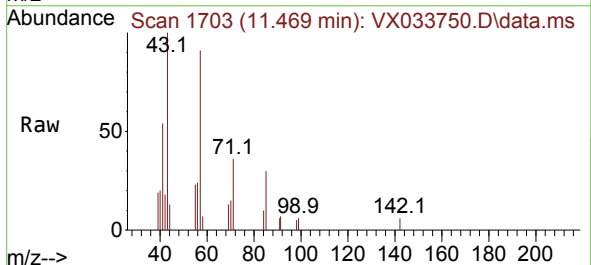
Instrument :
MSVOA_X
ClientSampleId :
WASTEME

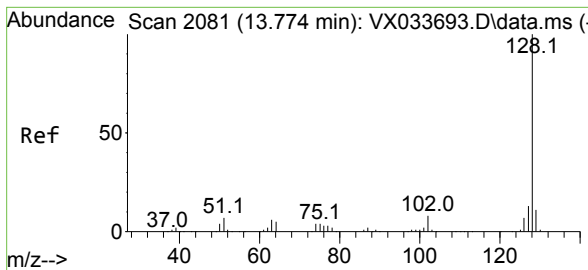
Tgt Ion: 75 Resp: 45826
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.469 min Scan# 1703
Delta R.T. 0.018 min
Lab File: VX033750.D
Acq: 16 Jan 2023 16:00

Tgt Ion: 91 Resp: 220
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#





#95

Naphthalene

Concen: 1.022 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX033750.D

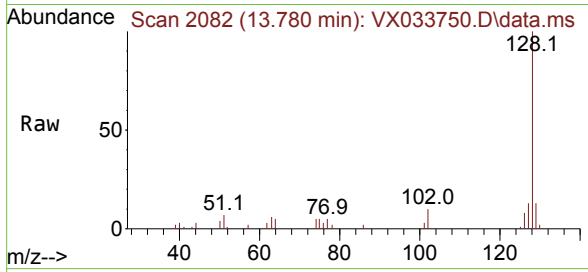
Acq: 16 Jan 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

WASTEME



Tgt Ion:128 Resp: 6126

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.9 8.7 13.1

