

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032225.D
 Acq On : 04 Oct 2023 13:28
 Operator : SY/MD
 Sample : 04708-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:41:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	106604	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	49541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41058	4.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.532	69	35991	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.060	65	17401	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.818	46	103941	47.392	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.780%
24) Chloroform-d	4.252	84	73807	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.950	65	36733	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.963	84	148486	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.992	67	51020	5.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.249	98	128147	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.561	79	16869	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.030	63	81259	49.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	34941	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	49367	5.370	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1246	0.104	ug/L	87
22) cis-1,2-Dichloroethene	3.828	96	1402	0.145	ug/L	96
25) Chloroform	4.281	83	8795	0.532	ug/L	94
33) Benzene	5.018	78	52796	1.490	ug/L	100
34) Trichloroethene	5.834	95	1517943	156.951	ug/L	98
35) Methylcyclohexane	6.040	83	1595	0.107	ug/L	# 62
37) 1,2-Dichloropropane	5.995	63	5372	0.567	ug/L	# 87
39) cis-1,3-Dichloropropene	6.918	75	1220	0.090	ug/L	# 74
42) Toluene	7.323	91	43916	1.163	ug/L	97
47) Tetrachloroethene	7.915	164	4631	0.631	ug/L	86
49) Dibromochloromethane	7.911	129	3958	0.569	ug/L	# 8
52) Ethylbenzene	8.953	91	9385	0.223	ug/L	99
53) m,p-Xylene	9.082	106	3839	0.246	ug/L	97
54) o-Xylene	9.487	106	2482	0.165	ug/L	82
61) 1,2,3-Trichloropropane	11.188	75	6367	1.207	ug/L	# 68
71) Naphthalene	13.448	128	3170	0.156	ug/L	96

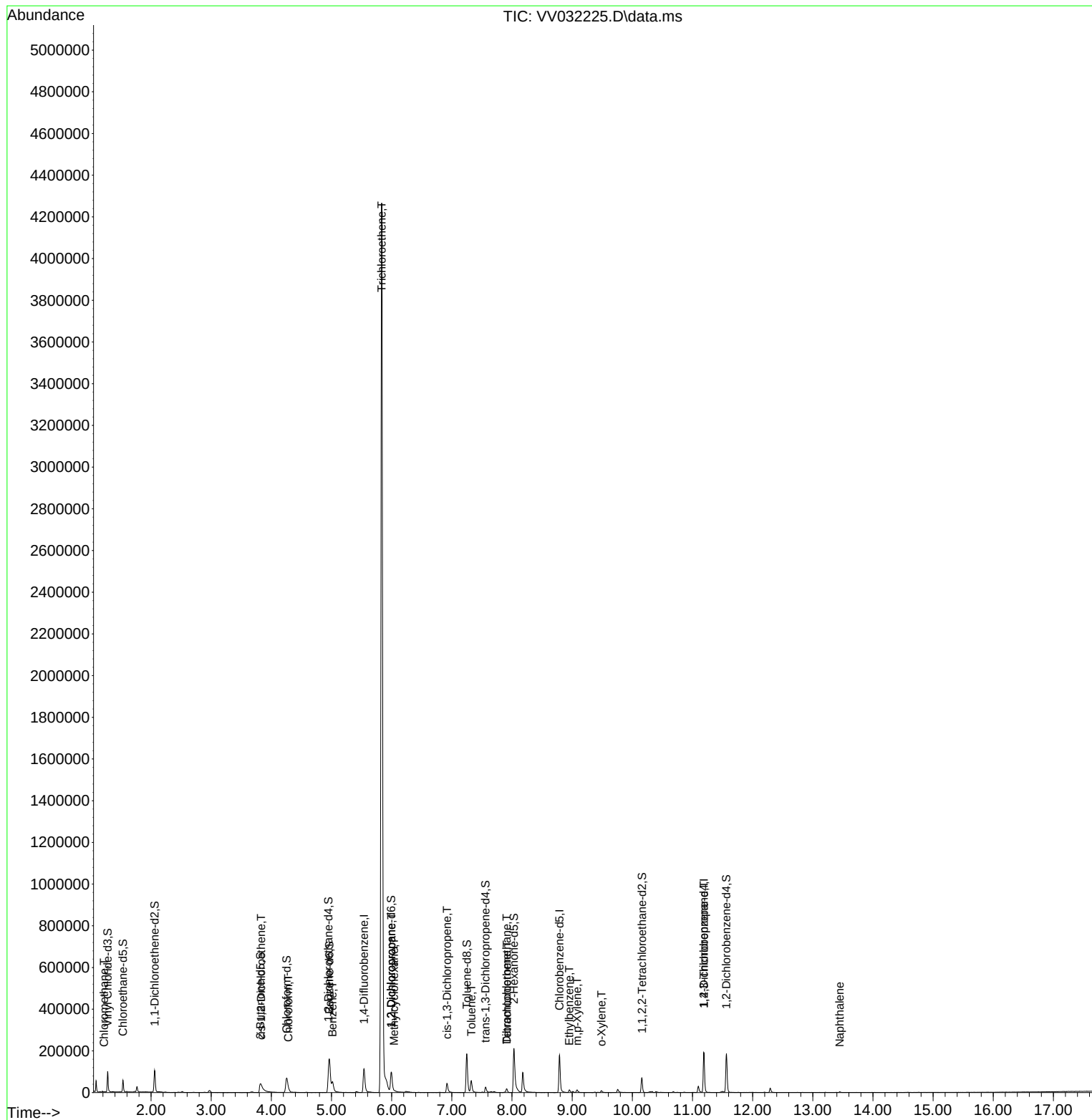
(#) = qualifier out of range (m) = manual integration (+) = signals summed

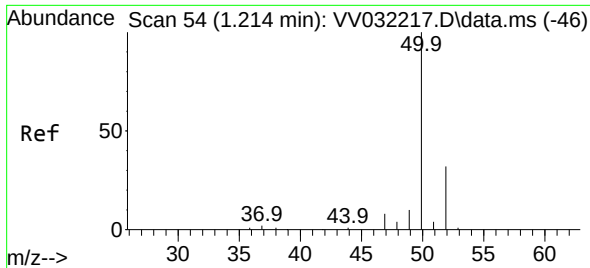
Instrument :
MSVOA_V
ClientSampleId :

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QLast Update : Thu Oct 05 01:37:52 2023
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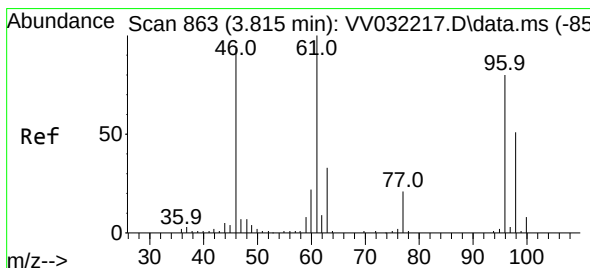
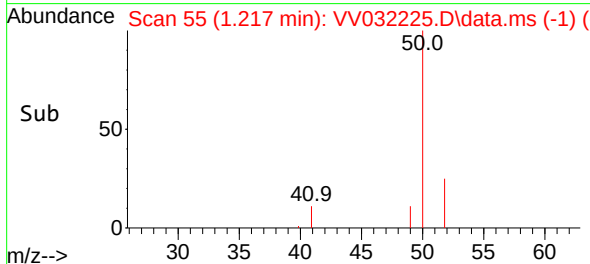
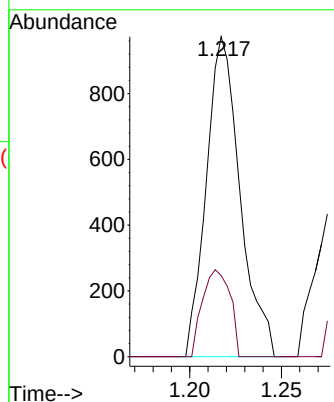
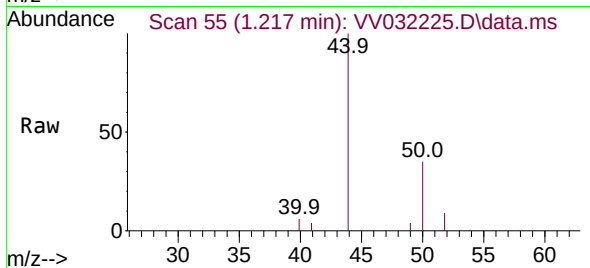




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032225.D
Acq: 04 Oct 2023 13:28

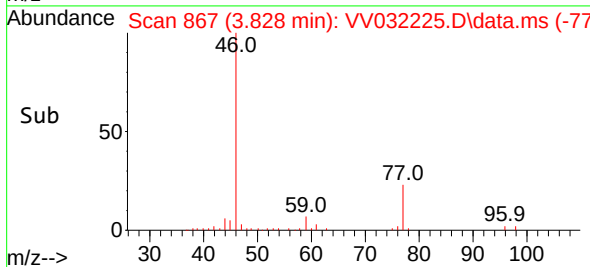
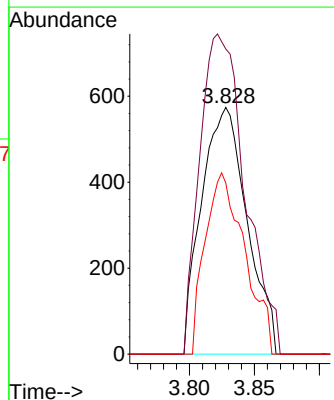
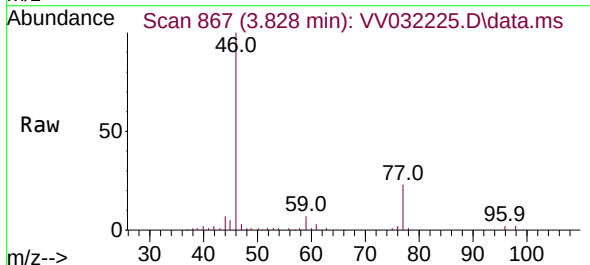
Instrument :
MSVOA_V
ClientSampleId :

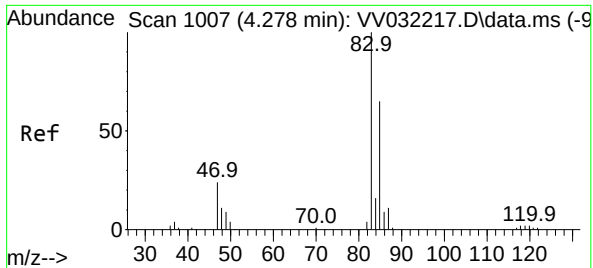
Tgt Ion: 50 Resp: 1246
Ion Ratio Lower Upper
50 100
52 25.4 23.0 42.6



#22
cis-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.013 min
Lab File: VV032225.D
Acq: 04 Oct 2023 13:28

Tgt Ion: 96 Resp: 1402
Ion Ratio Lower Upper
96 100
61 123.7 85.8 159.4
98 69.3 44.0 81.6





#25

Chloroform

Concen: 0.532 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Instrument :

MSVOA_V

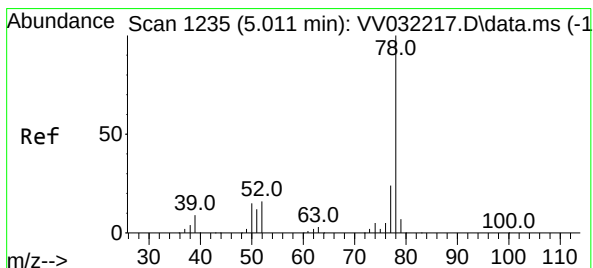
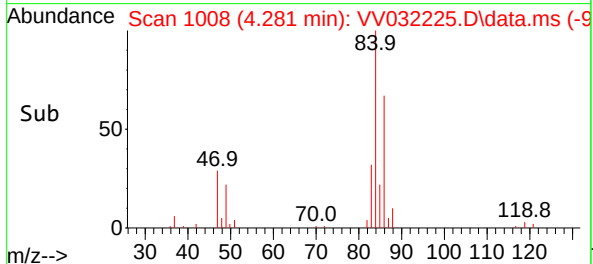
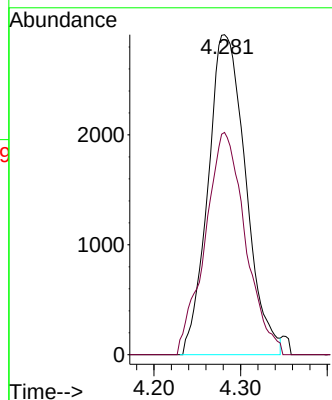
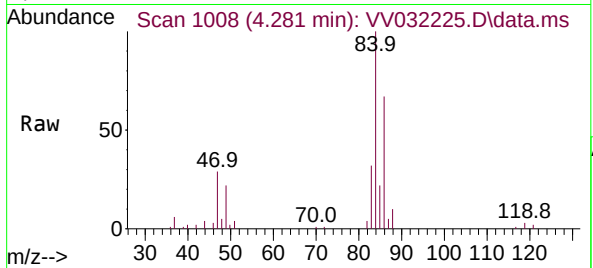
ClientSampleId :

Tgt Ion: 83 Resp: 8795

Ion Ratio Lower Upper

83 100

85 69.4 45.4 84.4



#33

Benzene

Concen: 1.490 ug/L

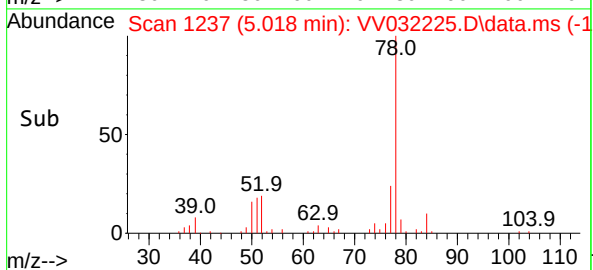
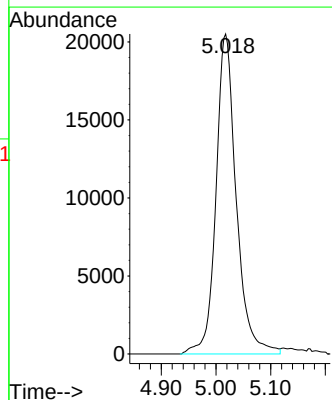
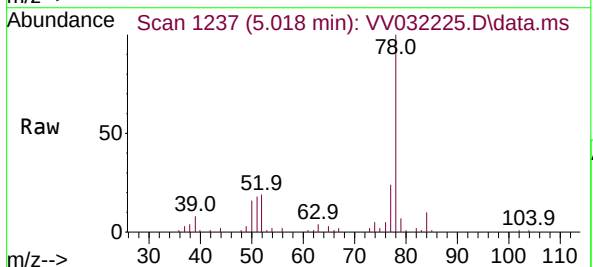
RT: 5.018 min Scan# 1237

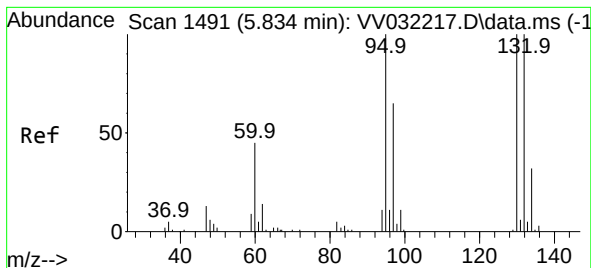
Delta R.T. 0.006 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Tgt Ion: 78 Resp: 52796





#34

Trichloroethene

Concen: 156.951 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1517943

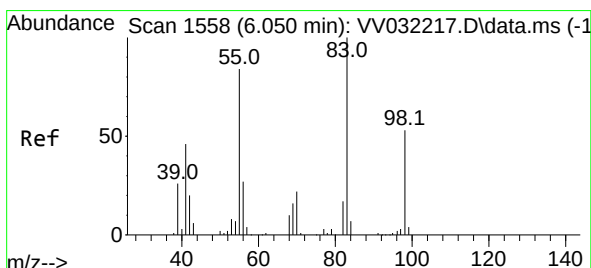
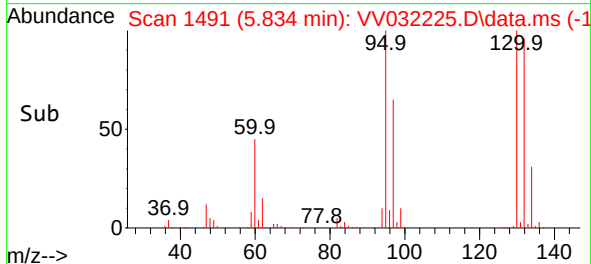
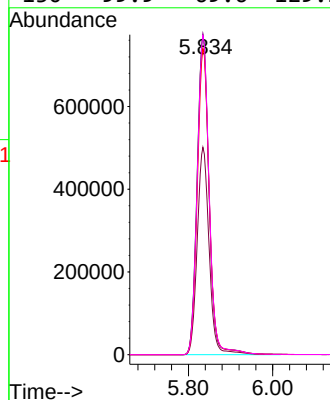
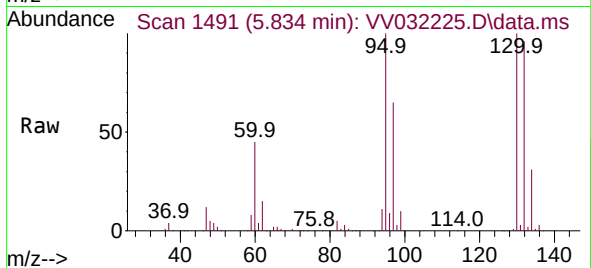
Ion Ratio Lower Upper

95 100

97 64.8 45.7 84.9

132 95.7 70.3 130.5

130 99.9 69.6 129.2



#35

Methylcyclohexane

Concen: 0.107 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.010 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

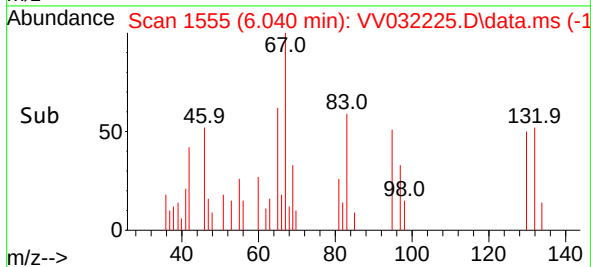
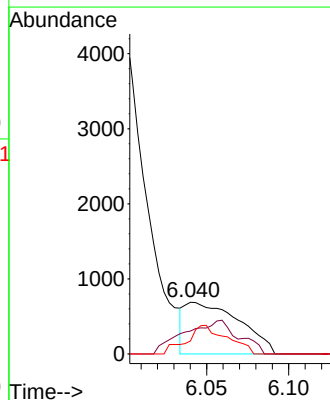
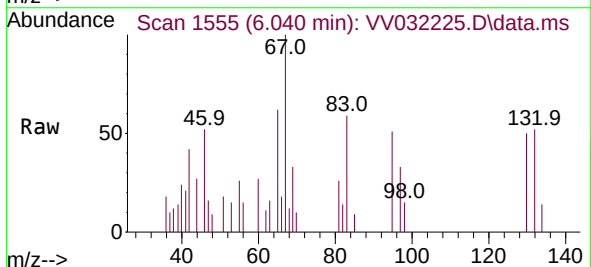
Tgt Ion: 83 Resp: 1595

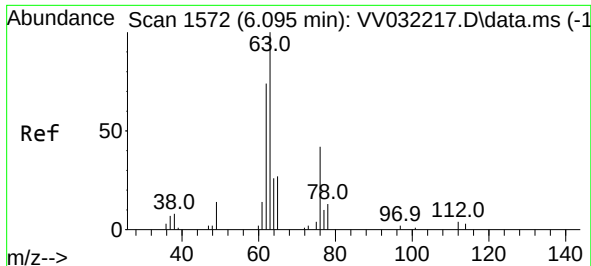
Ion Ratio Lower Upper

83 100

55 64.6 64.2 96.2

98 0.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Instrument :

MSVOA_V

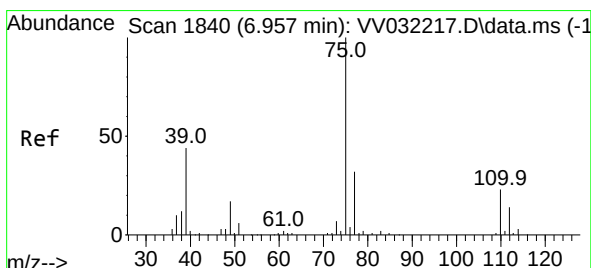
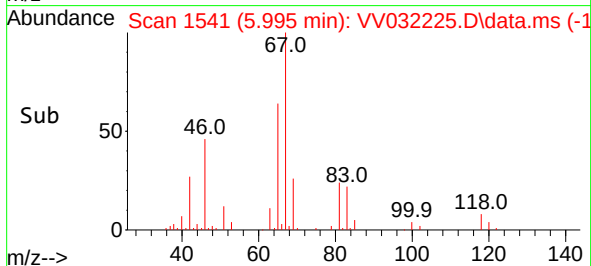
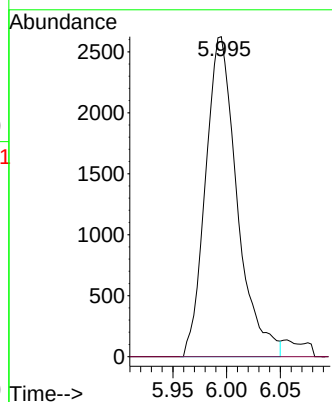
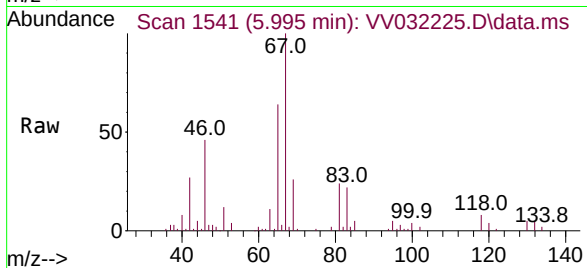
ClientSampleId :

Tgt Ion: 63 Resp: 5372

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.039 min

Lab File: VV032225.D

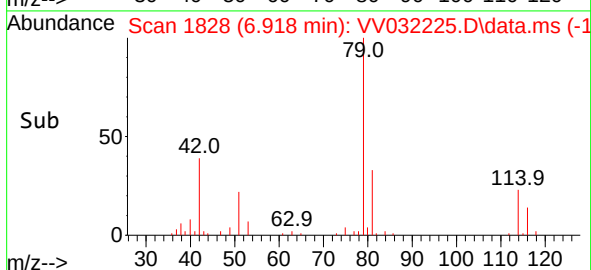
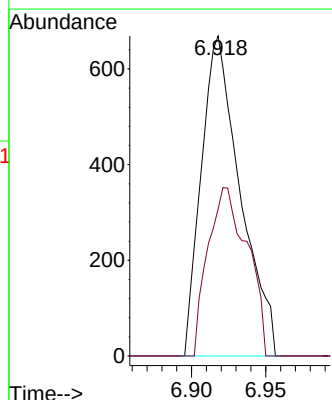
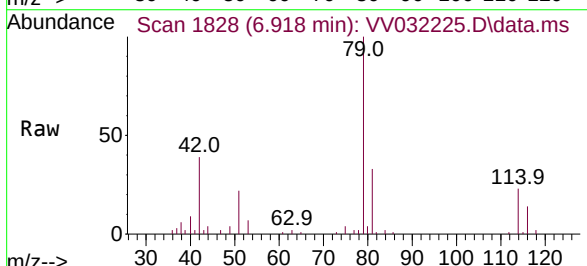
Acq: 04 Oct 2023 13:28

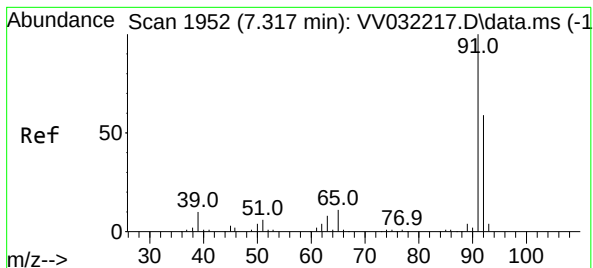
Tgt Ion: 75 Resp: 1220

Ion Ratio Lower Upper

75 100

77 45.9 22.2 41.2#





#42

Toluene

Concen: 1.163 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Instrument :

MSVOA_V

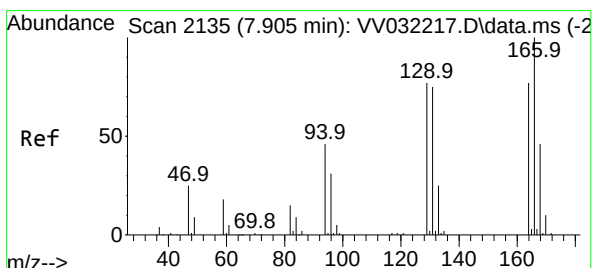
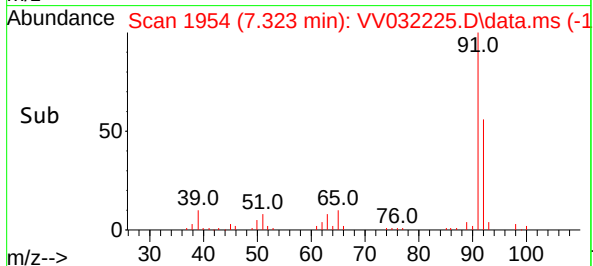
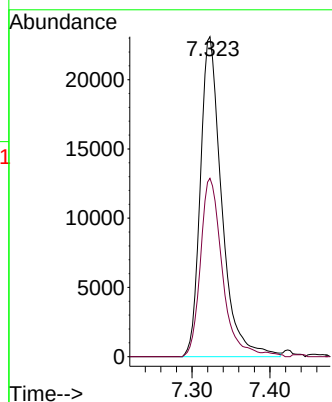
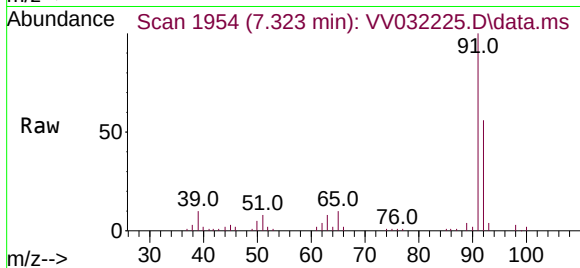
ClientSampleId :

Tgt Ion: 91 Resp: 43916

Ion Ratio Lower Upper

91 100

92 55.8 40.8 75.8



#47

Tetrachloroethene

Concen: 0.631 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.010 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Tgt Ion: 164 Resp: 4631

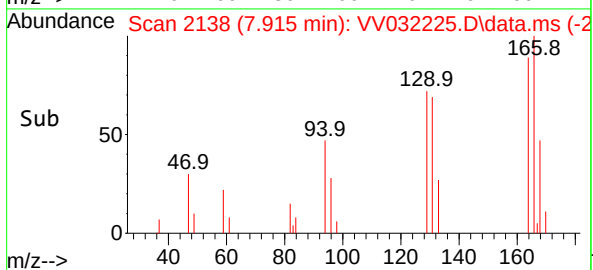
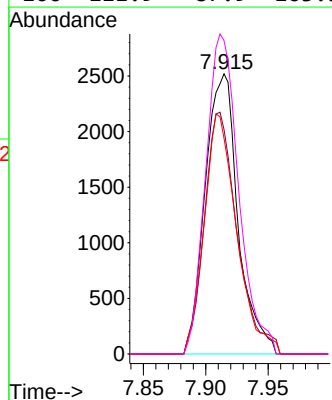
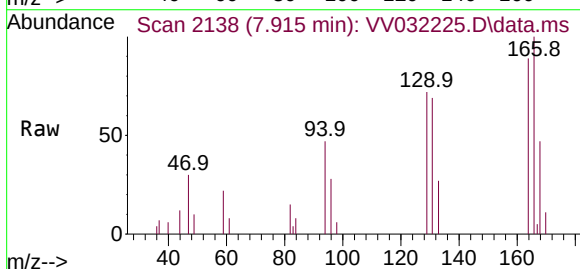
Ion Ratio Lower Upper

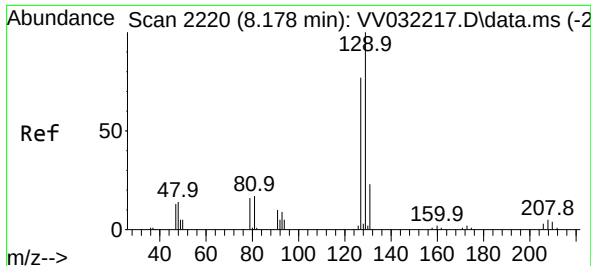
164 100

129 80.1 66.4 123.4

131 76.9 63.7 118.3

166 111.9 87.9 163.3





#49

Dibromochloromethane

Concen: 0.569 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.267 min

Lab File: VV032225.D

Acq: 04 Oct 2023 13:28

Instrument :

MSVOA_V

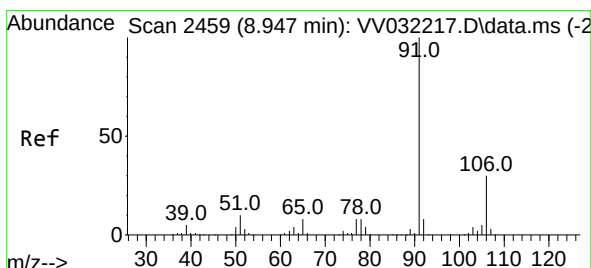
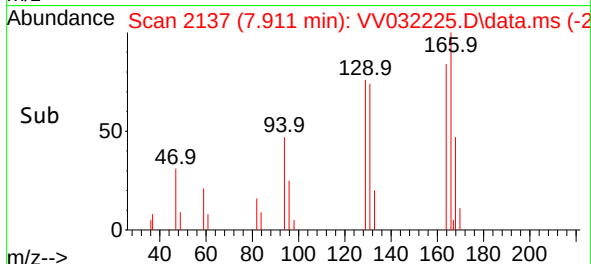
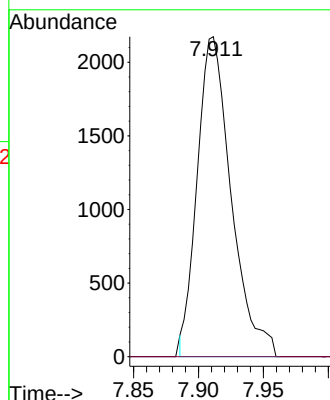
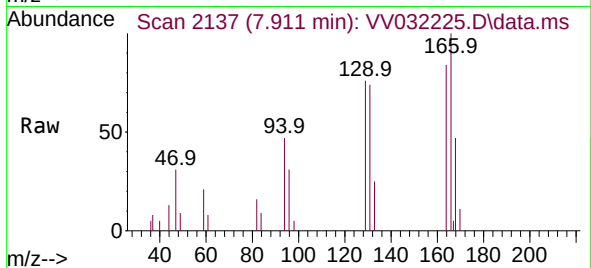
ClientSampleId :

Tgt Ion:129 Resp: 3958

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#



#52

Ethylbenzene

Concen: 0.223 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.006 min

Lab File: VV032225.D

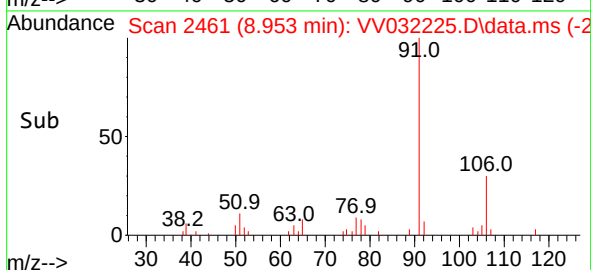
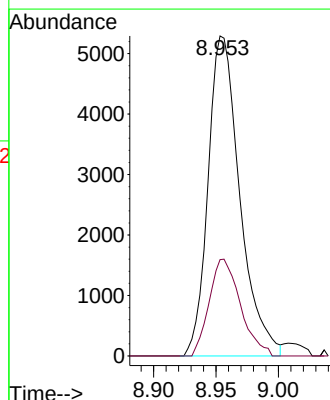
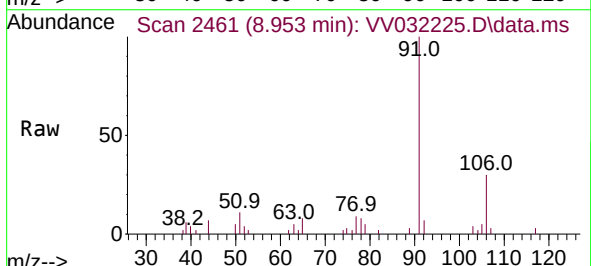
Acq: 04 Oct 2023 13:28

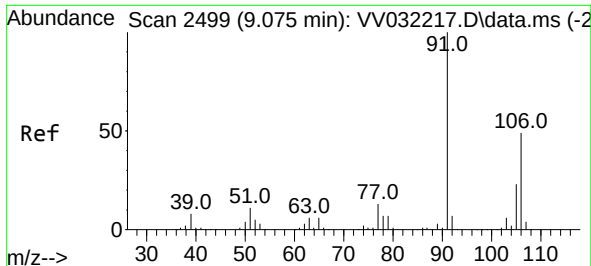
Tgt Ion: 91 Resp: 9385

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5

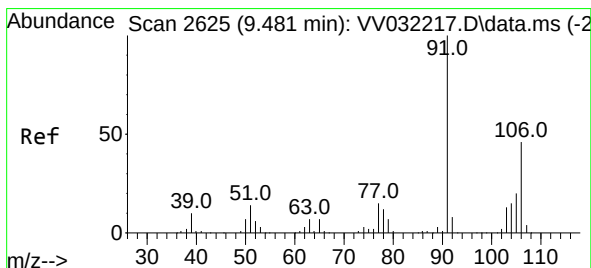
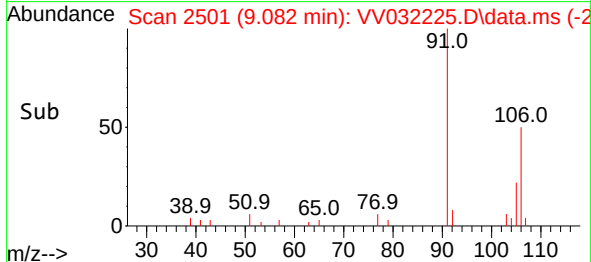
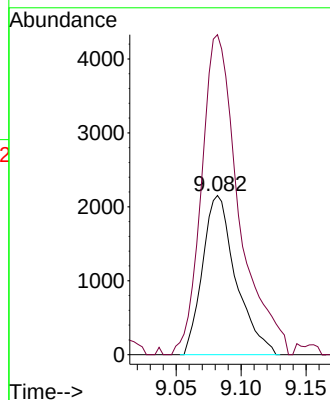
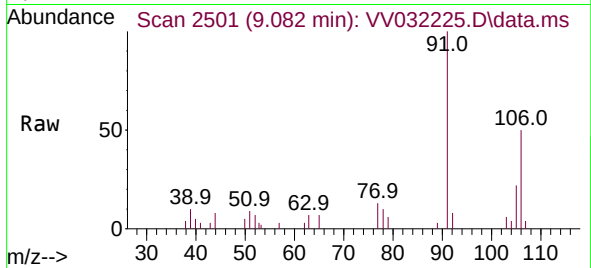




#53
m,p-Xylene
Concen: 0.246 ug/L
RT: 9.082 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV032225.D
Acq: 04 Oct 2023 13:28

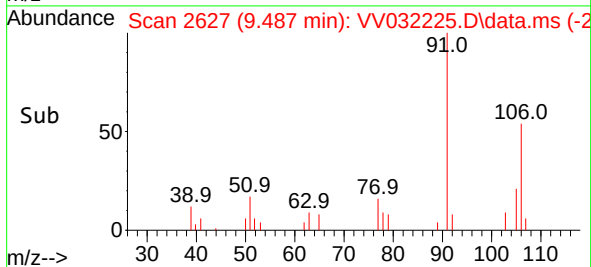
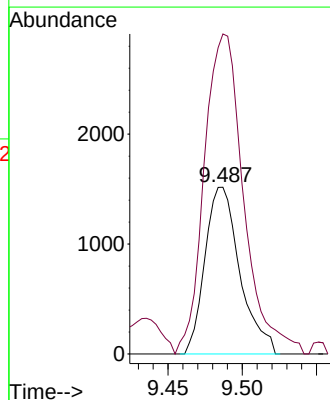
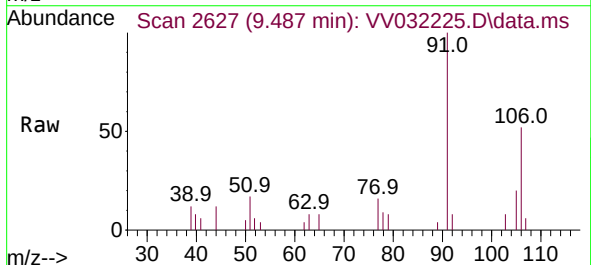
Instrument :
MSVOA_V
ClientSampleId :

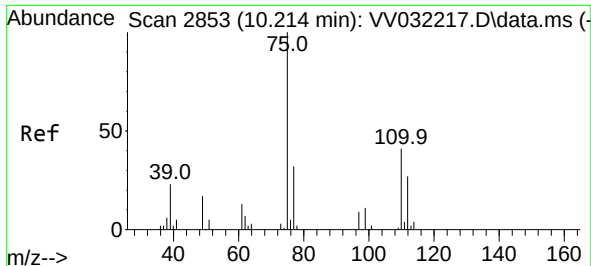
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Ion Ratio Lower Upper
106 100
91 201.0 144.5 268.3



#54
o-Xylene
Concen: 0.165 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032225.D
Acq: 04 Oct 2023 13:28

Tgt Ion:106 Resp: 2482
Ion Ratio Lower Upper
106 100
91 191.8 154.8 287.4

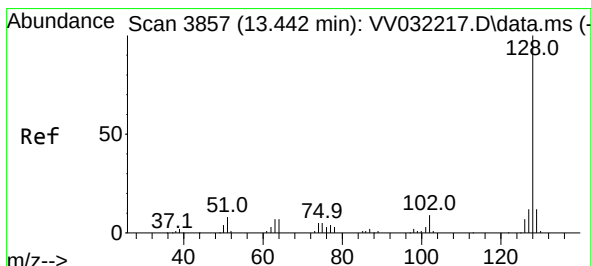
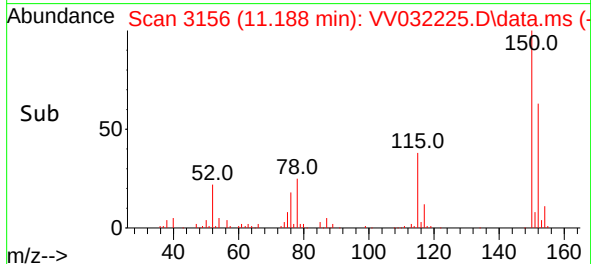
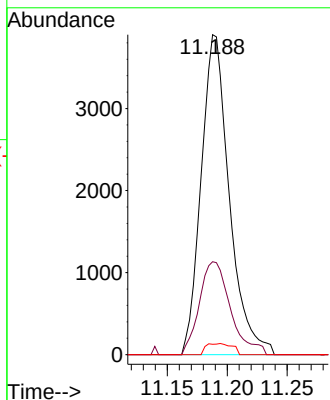
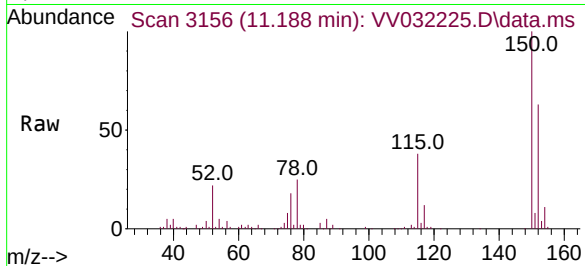




#61
1,2,3-Trichloropropane
Concen: 1.207 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032225.D
Acq: 04 Oct 2023 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6367
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 3.2 30.6 46.0#



#71
Naphthalene
Concen: 0.156 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.006 min
Lab File: VV032225.D
Acq: 04 Oct 2023 13:28

Tgt Ion:128 Resp: 3170
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 10.3 10.2 15.2

