

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032468.D
 Acq On : 18 Oct 2023 13:55
 Operator : SY/MD
 Sample : 04903-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

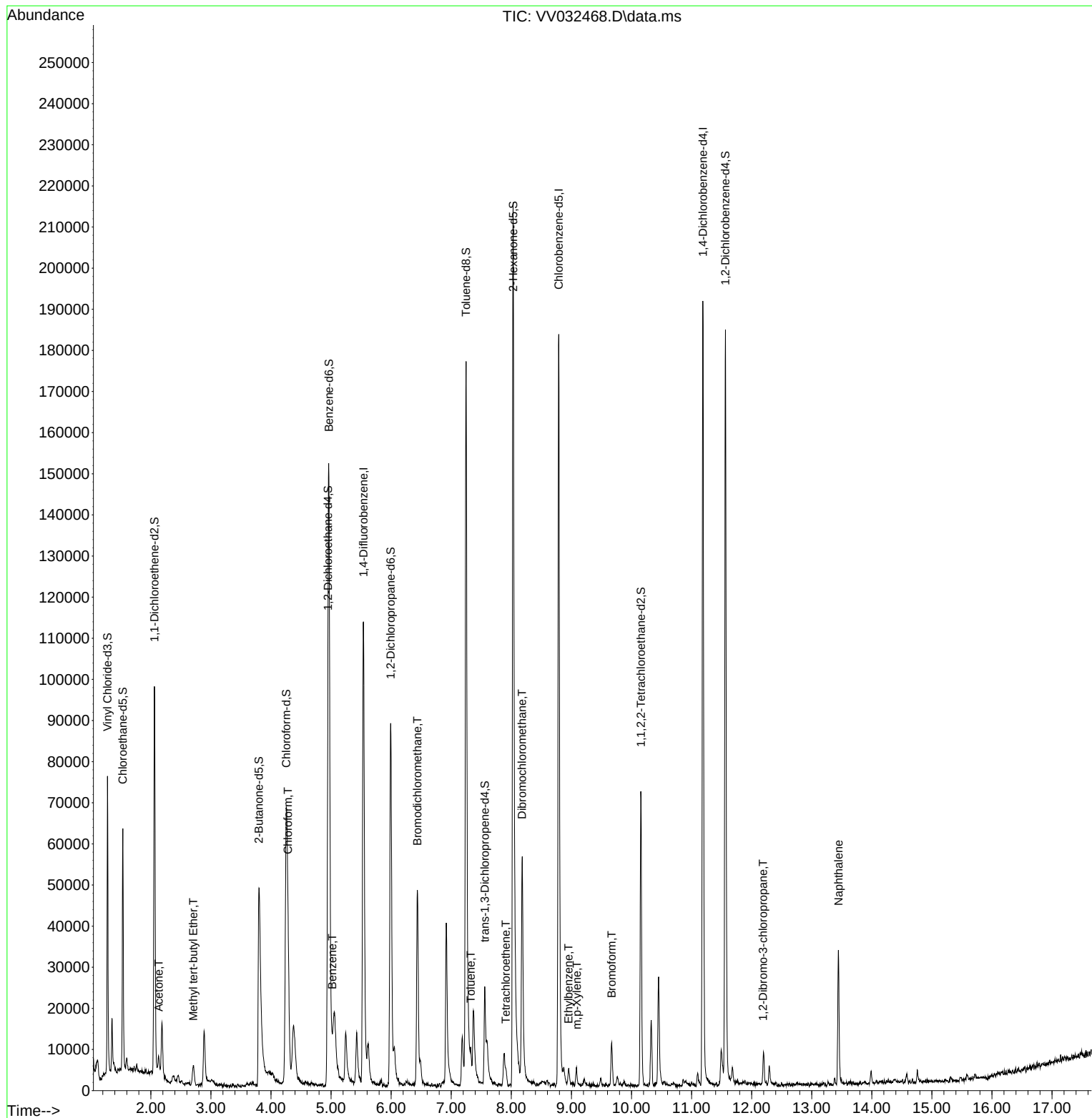
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	97759	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	104287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42807	5.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.532	69	36787	5.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.060	65	16223	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.799	46	89784	44.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.280%
24) Chloroform-d	4.253	84	63619	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	30790	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.963	84	136205	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	5.992	67	44422	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.246	98	124793	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.558	79	15354	4.262	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.031	63	79695	47.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35027	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45217	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
13) Acetone	2.130	43	4832	3.117	ug/L	92
17) Methyl tert-butyl Ether	2.706	73	3876	0.199	ug/L #	74
25) Chloroform	4.282	83	30513	2.013	ug/L	97
33) Benzene	5.021	78	4918	0.134	ug/L	100
38) Bromodichloromethane	6.436	83	32658	2.799	ug/L	100
42) Toluene	7.323	91	4562	0.117	ug/L	98
47) Tetrachloroethene	7.908	164	778	0.102	ug/L	87
49) Dibromochloromethane	8.178	129	25374	3.518	ug/L	99
52) Ethylbenzene	8.953	91	2600	0.060	ug/L	93
53) m,p-Xylene	9.092	106	1070	0.066	ug/L	62
59) Bromoform	9.670	173	4853	1.380	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.188	75	300	0.285	ug/L #	1
71) Naphthalene	13.445	128	24164	1.220	ug/L	98

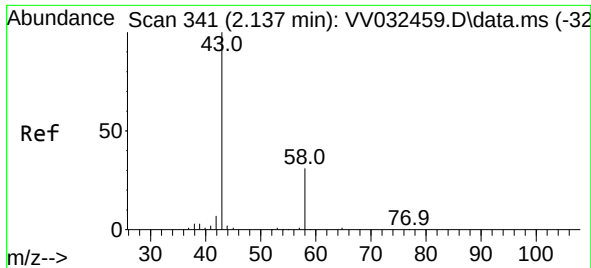
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.117 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.006 min

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Acq: 18 Oct 2023 13:55

Instrument :

MSVOA_V

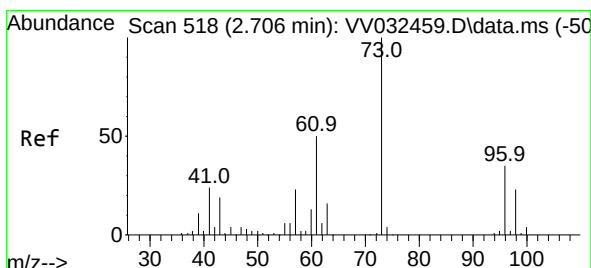
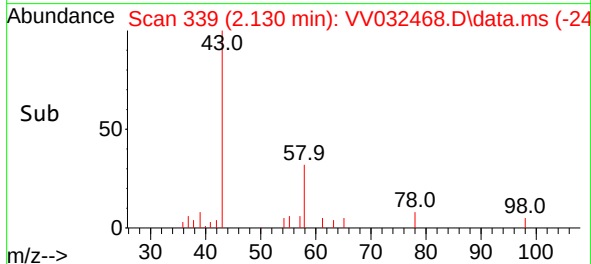
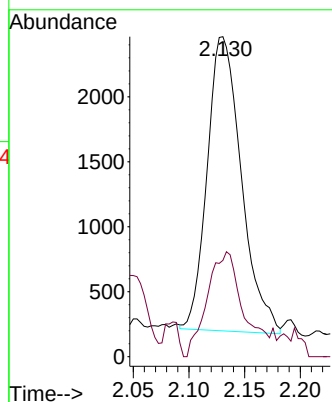
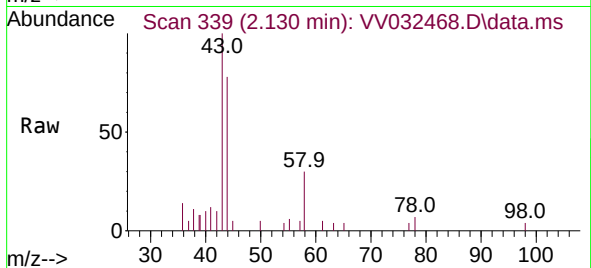
ClientSampleId :

Tgt Ion: 43 Resp: 4832

Ion Ratio Lower Upper

43 100

58 37.7 0.0 66.0



#17

Methyl tert-butyl Ether

Concen: 0.199 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032468.D

Acq: 18 Oct 2023 13:55

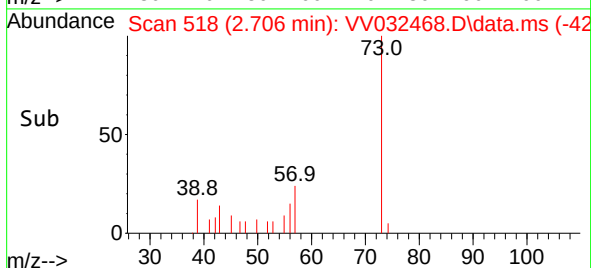
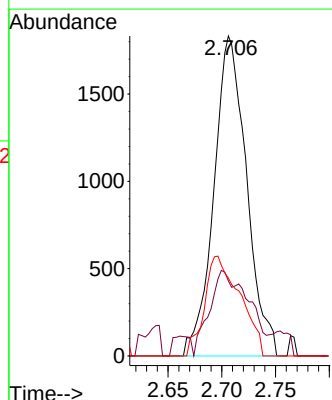
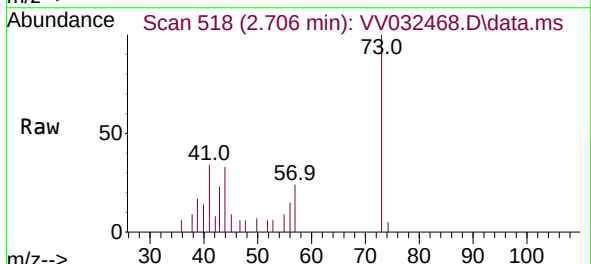
Tgt Ion: 73 Resp: 3876

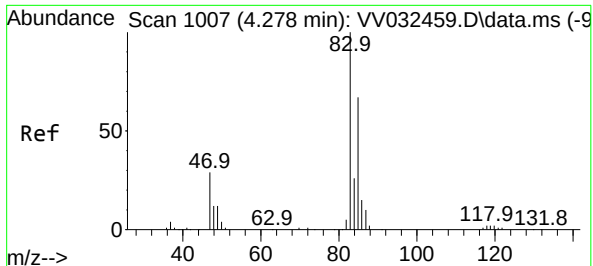
Ion Ratio Lower Upper

73 100

43 32.0 15.1 22.7#

57 33.9 18.3 27.5#





#25

Chloroform

Concen: 2.013 ug/L

RT: 4.282 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032468.D

Acq: 18 Oct 2023 13:55

Instrument :

MSVOA_V

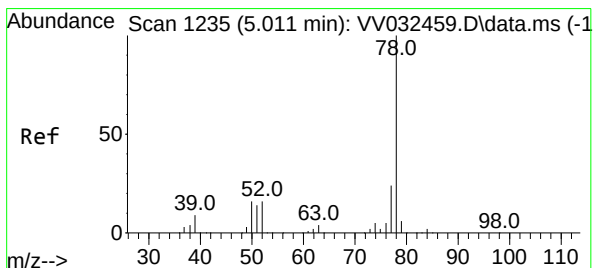
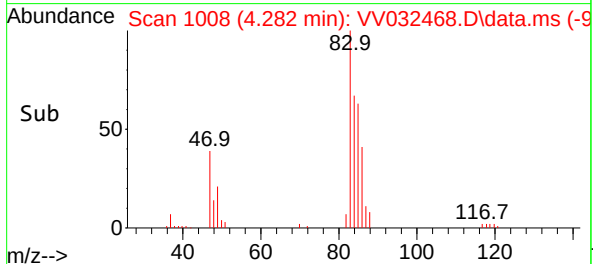
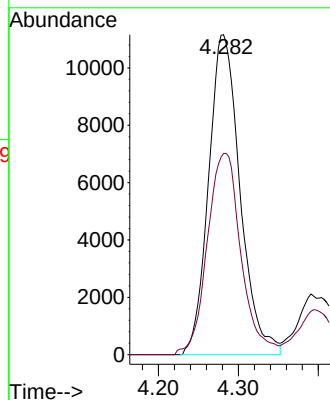
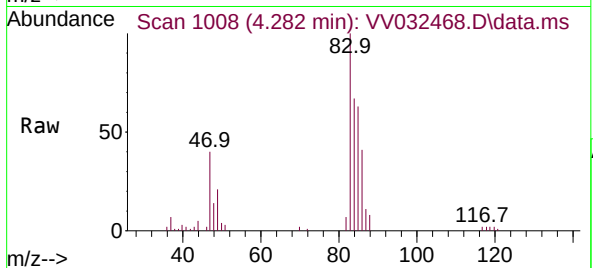
ClientSampleId :

Tgt Ion: 83 Resp: 30513

Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.4



#33

Benzene

Concen: 0.134 ug/L

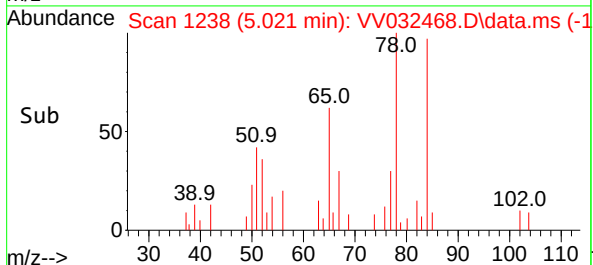
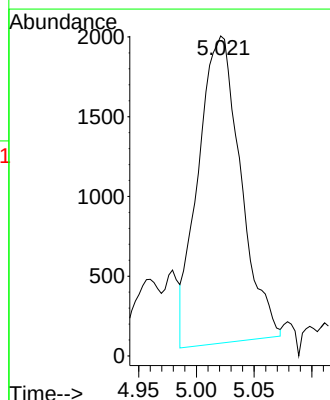
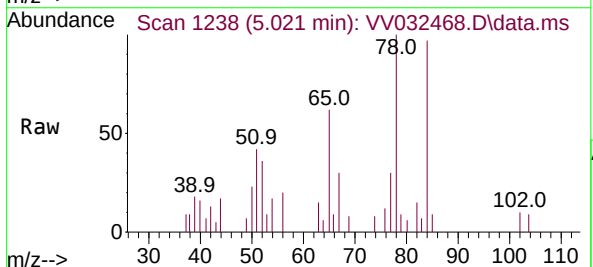
RT: 5.021 min Scan# 1238

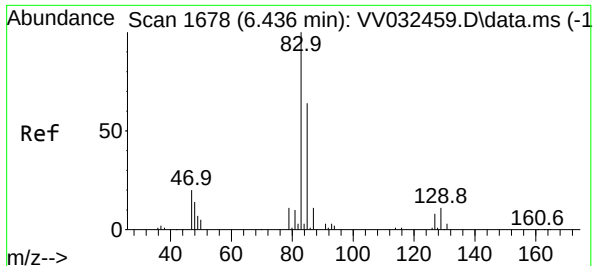
Delta R.T. 0.010 min

Lab File: VV032468.D

Acq: 18 Oct 2023 13:55

Tgt Ion: 78 Resp: 4918

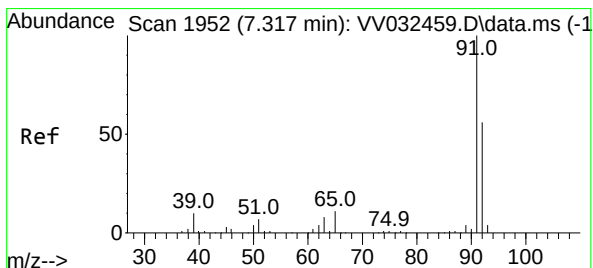
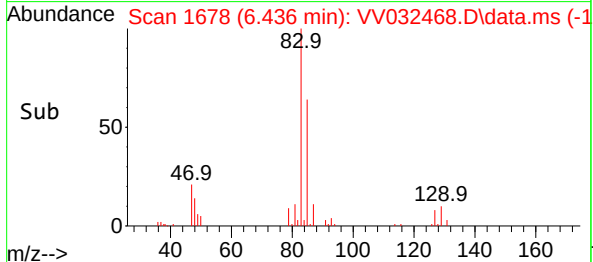
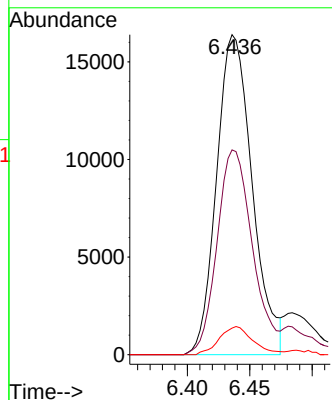
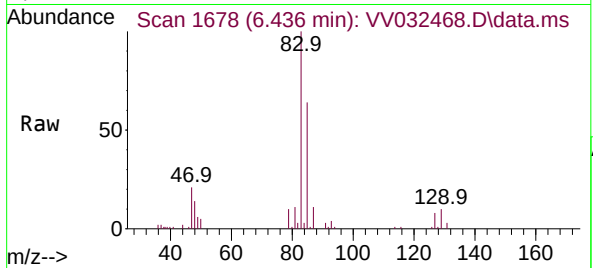




#38
Bromodichloromethane
Concen: 2.799 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55

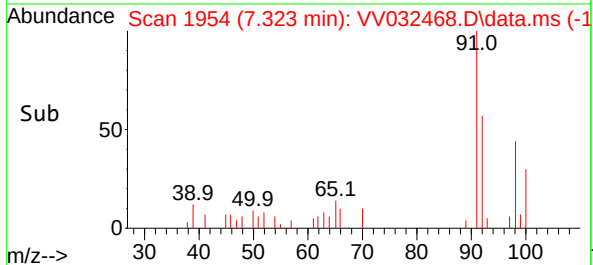
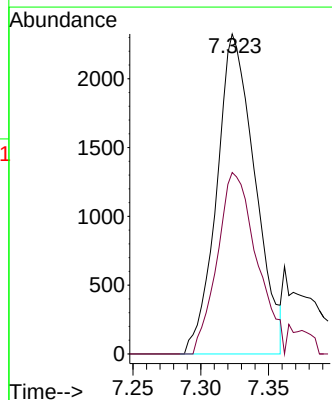
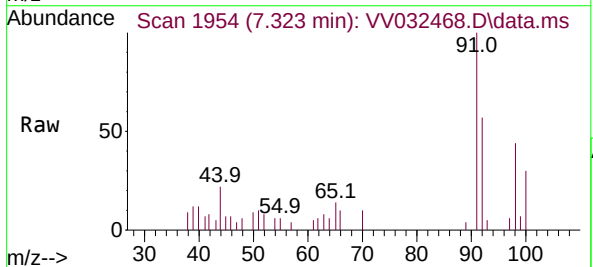
Instrument :
MSVOA_V
ClientSampleId :

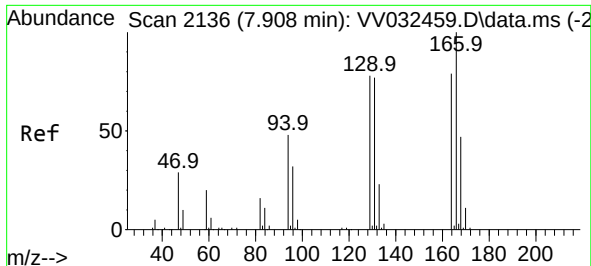
Tgt Ion: 83 Resp: 32658
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.3
127 8.3 6.9 10.3



#42
Toluene
Concen: 0.117 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.007 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55

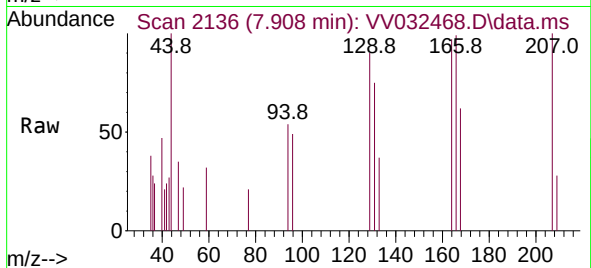
Tgt Ion: 91 Resp: 4562
Ion Ratio Lower Upper
91 100
92 56.7 40.8 75.8



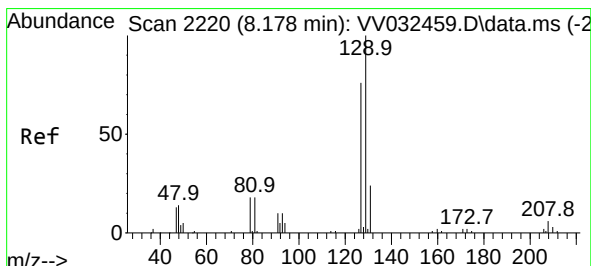
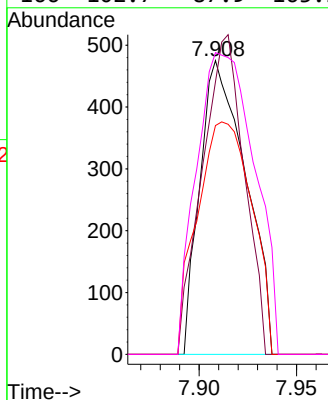
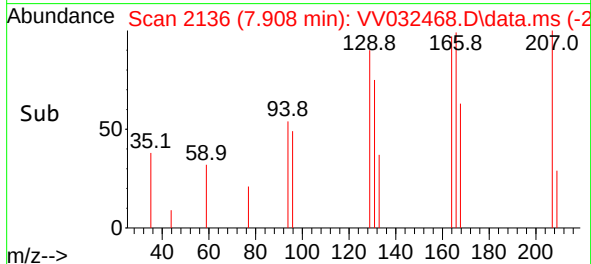


#47
Tetrachloroethene
Concen: 0.102 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55

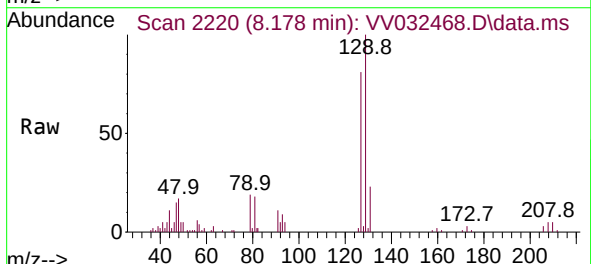
Instrument :
MSVOA_V
ClientSampleId :



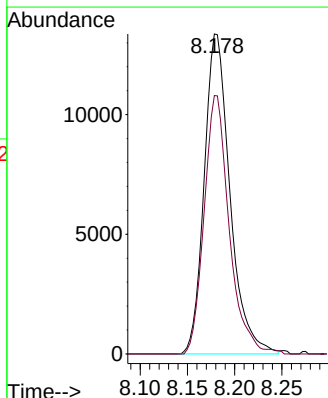
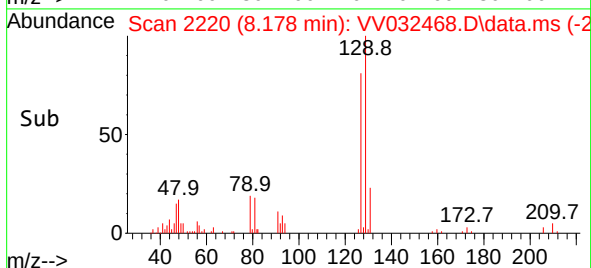
Tgt Ion:164 Resp: 778
Ion Ratio Lower Upper
164 100
129 92.8 66.4 123.4
131 77.9 63.7 118.3
166 102.7 87.9 163.3

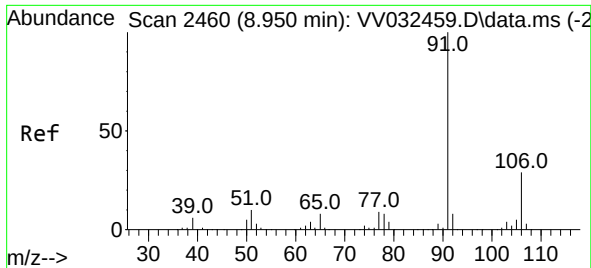


#49
Dibromochloromethane
Concen: 3.518 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55



Tgt Ion:129 Resp: 25374
Ion Ratio Lower Upper
129 100
127 80.8 57.2 106.2

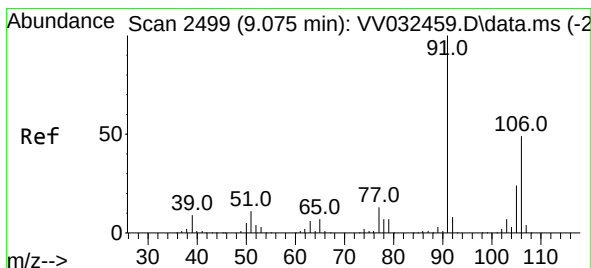
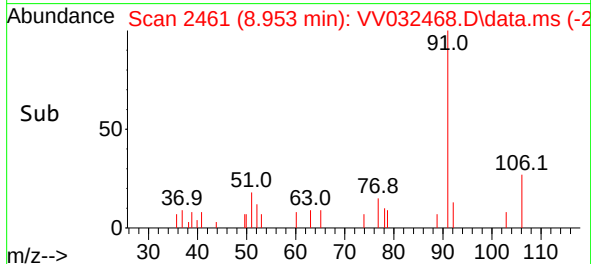
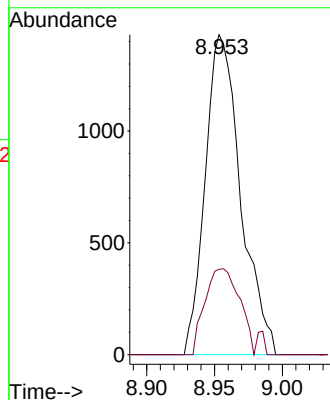
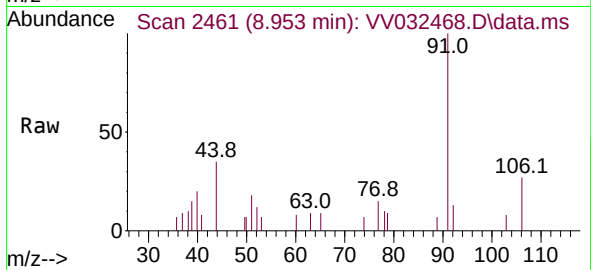




#52
Ethylbenzene
Concen: 0.060 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55

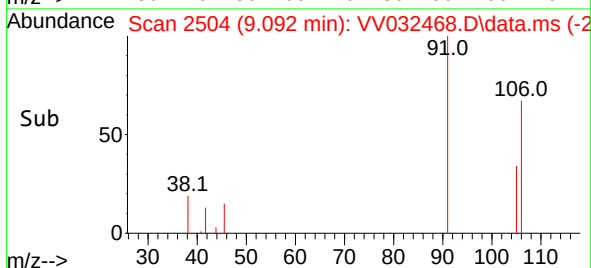
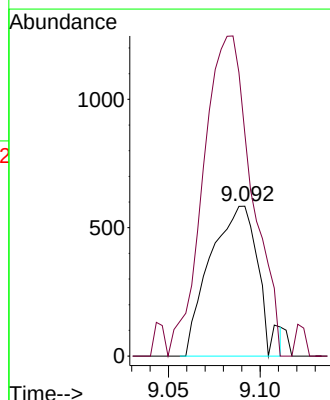
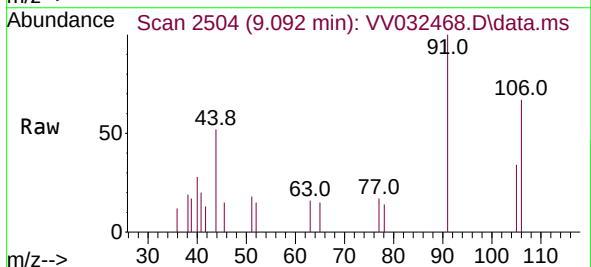
Instrument :
MSVOA_V
ClientSampleId :

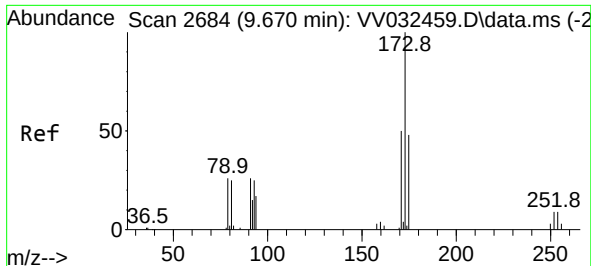
Tgt Ion: 91 Resp: 2600
Ion Ratio Lower Upper
91 100
106 26.7 21.3 39.5



#53
m,p-Xylene
Concen: 0.066 ug/L
RT: 9.092 min Scan# 2504
Delta R.T. 0.016 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55

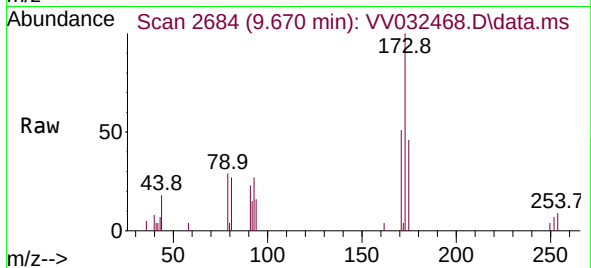
Tgt Ion: 106 Resp: 1070
Ion Ratio Lower Upper
106 100
91 148.5 144.5 268.3



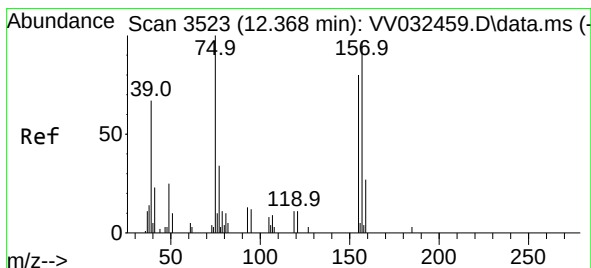
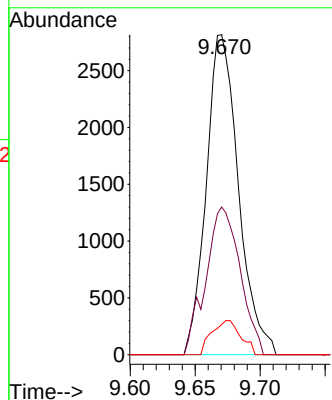
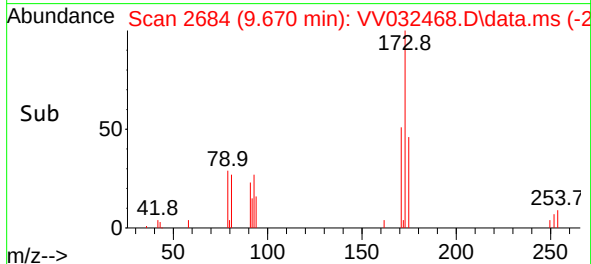


#59
Bromoform
Concen: 1.380 ug/L
RT: 9.670 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55

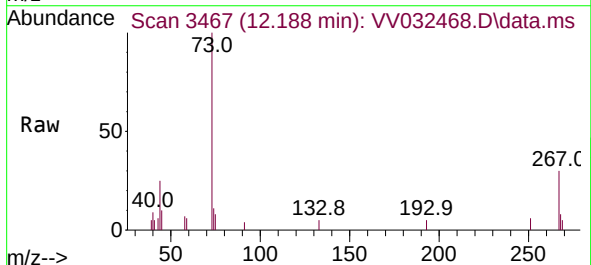
Instrument :
MSVOA_V
ClientSampleId :



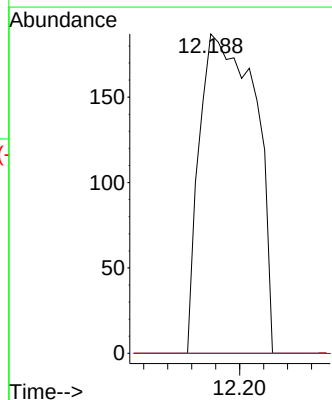
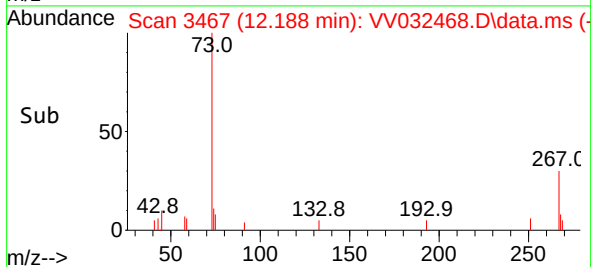
Tgt Ion:173 Resp: 4853
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 9.5 7.0 10.4

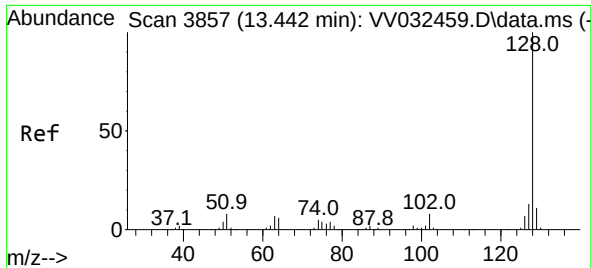


#68
1,2-Dibromo-3-chloropropane
Concen: 0.285 ug/L
RT: 12.188 min Scan# 3467
Delta R.T. -0.180 min
Lab File: VV032468.D
Acq: 18 Oct 2023 13:55



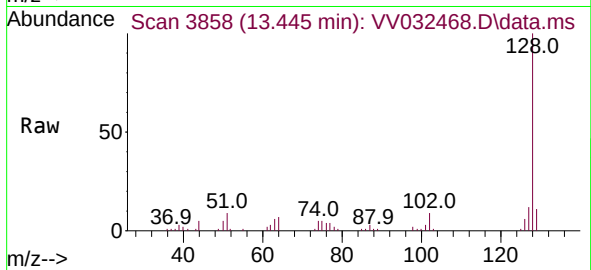
Tgt Ion: 75 Resp: 300
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#





#71
 Naphthalene
 Concen: 1.220 ug/L
 RT: 13.445 min Scan# 3858
 Delta R.T. 0.003 min
 Lab File: VV032468.D
 Acq: 18 Oct 2023 13:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	24164
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.4	10.2	15.2

