

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032443.D
 Acq On : 17 Oct 2023 14:16
 Operator : SY/MD
 Sample : 04903-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 06:04:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

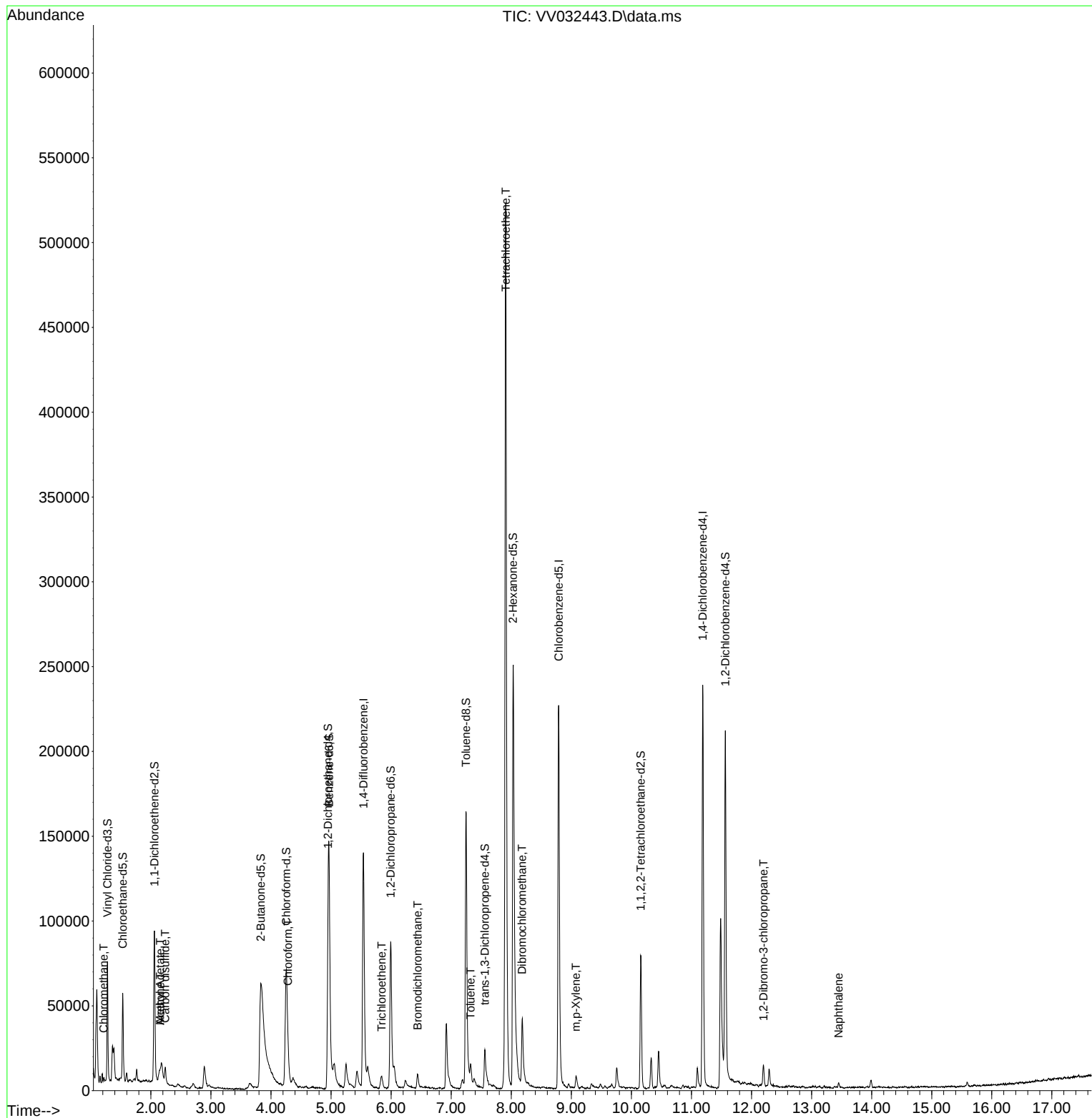
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	121768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	129686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36264	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.532	69	32498	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.060	65	14820	3.548	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.828	46	120546	48.118	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.240%
24) Chloroform-d	4.252	84	72603	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	4.950	65	34915	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	4.966	84	131296	3.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	5.992	67	44717	3.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.800%
41) Toluene-d8	7.246	98	117172	3.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.561	79	15955	3.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.030	63	99888	47.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	40470	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	49673	4.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1581	0.116	ug/L	99
13) Acetone	2.153	43	25992	13.461	ug/L	97
14) Carbon disulfide	2.240	76	9425	0.302	ug/L	95
15) Methyl Acetate	2.153	43	25992	5.980	ug/L #	53
25) Chloroform	4.281	83	12503	0.662	ug/L	96
34) Trichloroethene	5.841	95	1841	0.148	ug/L	94
38) Bromodichloromethane	6.442	83	6325	0.436	ug/L #	90
42) Toluene	7.323	91	9588	0.197	ug/L	99
47) Tetrachloroethene	7.908	164	122684	12.979	ug/L	98
49) Dibromochloromethane	8.182	129	4536	0.506	ug/L	97
53) m,p-Xylene	9.079	106	2364	0.118	ug/L	80
68) 1,2-Dibromo-3-chloropr...	12.197	75	379	0.287	ug/L #	1
71) Naphthalene	13.451	128	2240	0.090	ug/L #	93

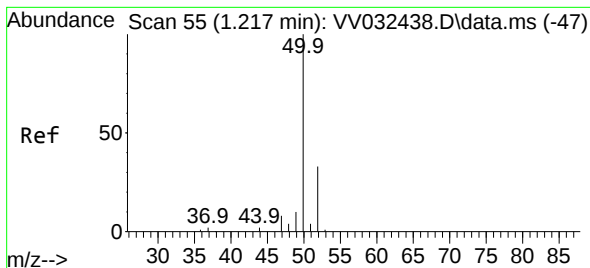
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.116 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV032443.D

Acq: 17 Oct 2023 14:16

Instrument :

MSVOA_V

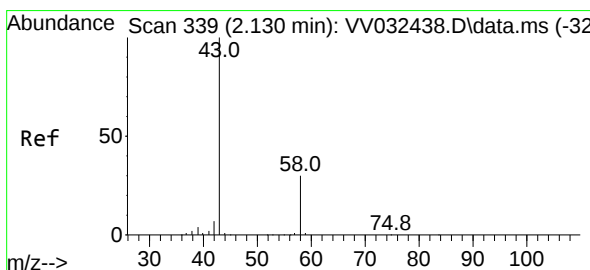
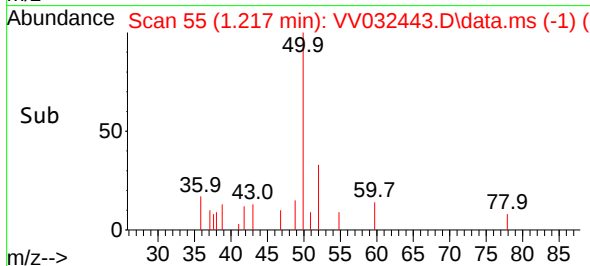
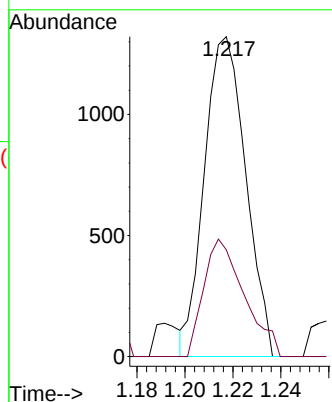
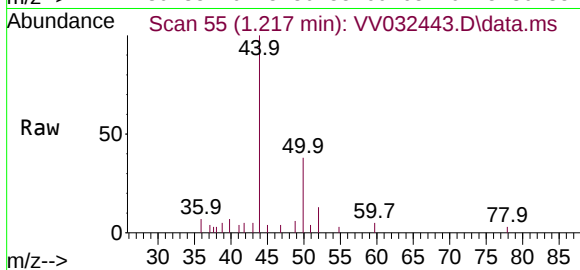
ClientSampleId :

Tgt Ion: 50 Resp: 1581

Ion Ratio Lower Upper

50 100

52 33.4 23.0 42.6



#13

Acetone

Concen: 13.461 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.023 min

Lab File: VV032443.D

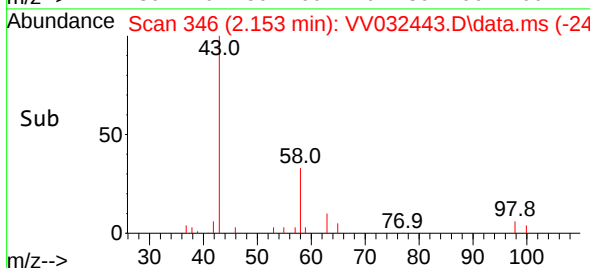
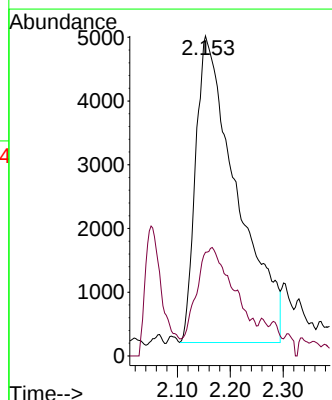
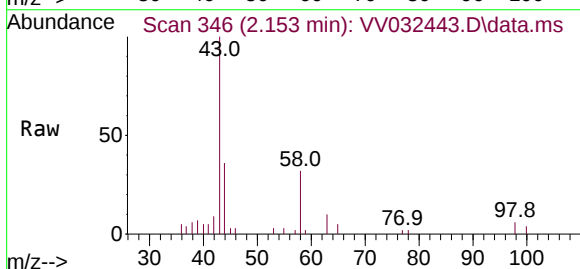
Acq: 17 Oct 2023 14:16

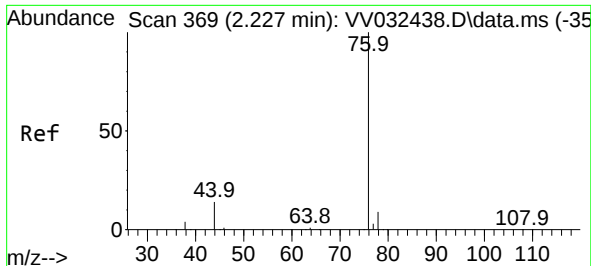
Tgt Ion: 43 Resp: 25992

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.0

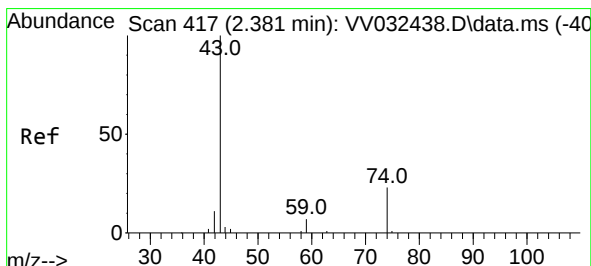
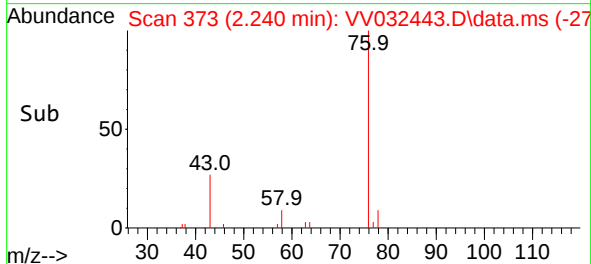
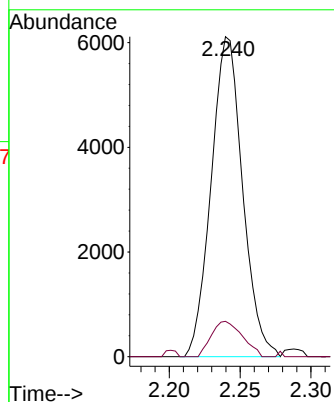
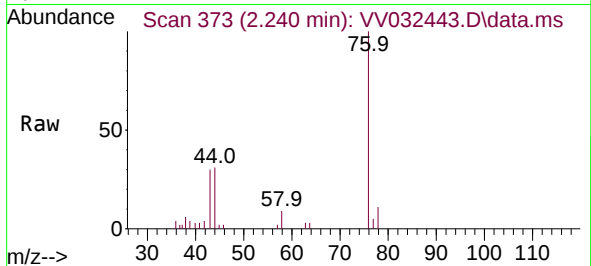




#14
Carbon disulfide
Concen: 0.302 ug/L
RT: 2.240 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

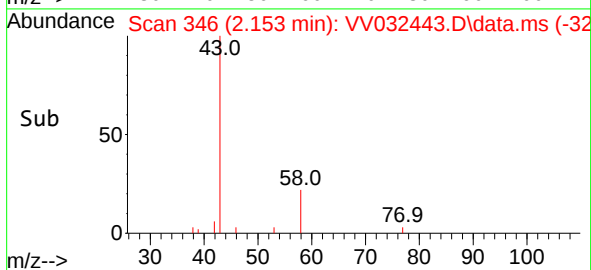
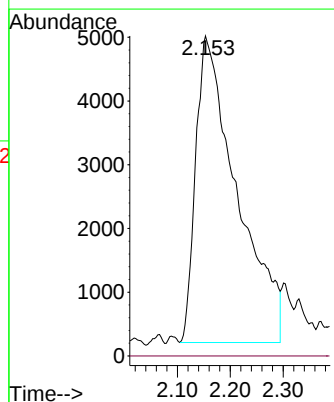
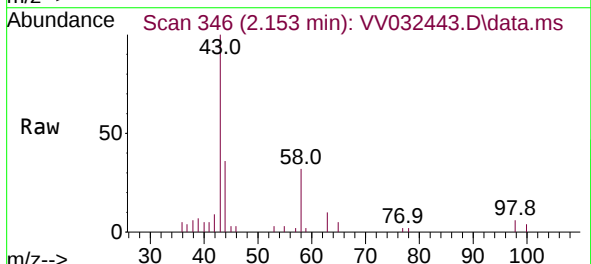
Instrument :
MSVOA_V
ClientSampleId :

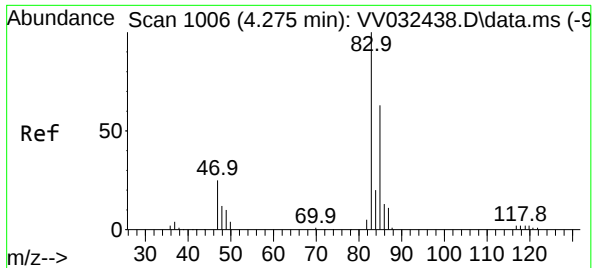
Tgt Ion: 76 Resp: 9425
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2



#15
Methyl Acetate
Concen: 5.980 ug/L
RT: 2.153 min Scan# 346
Delta R.T. -0.228 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

Tgt Ion: 43 Resp: 25992
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#

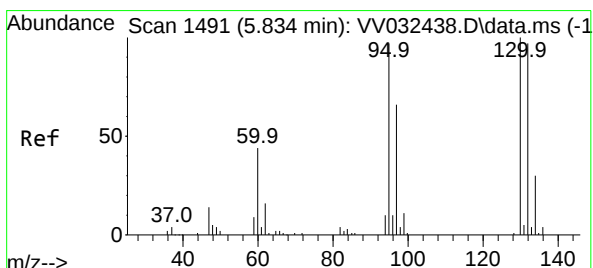
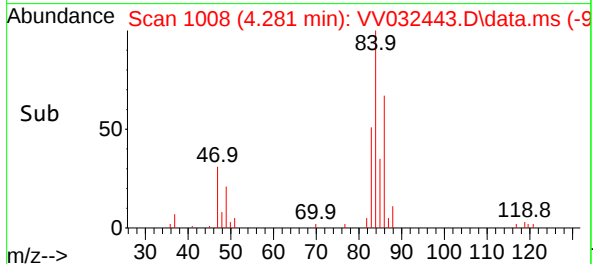
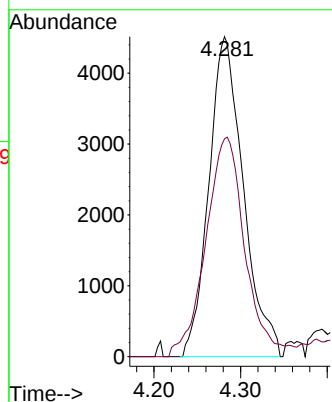
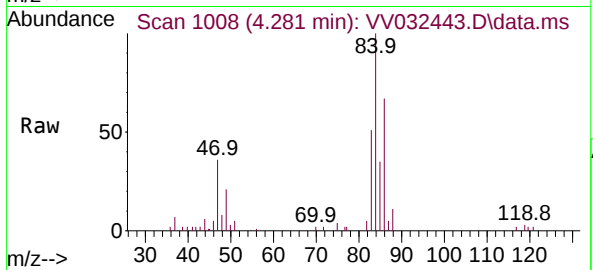




#25
Chloroform
Concen: 0.662 ug/L
RT: 4.281 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

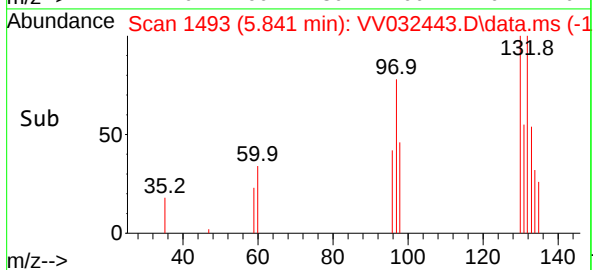
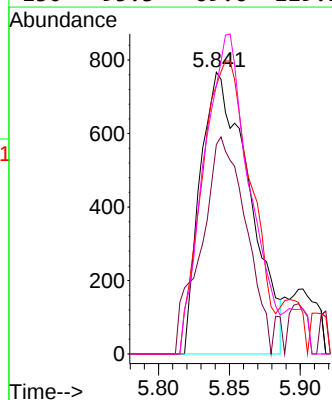
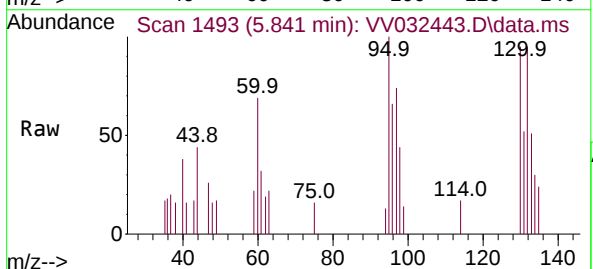
Instrument :
MSVOA_V
ClientSampleId :

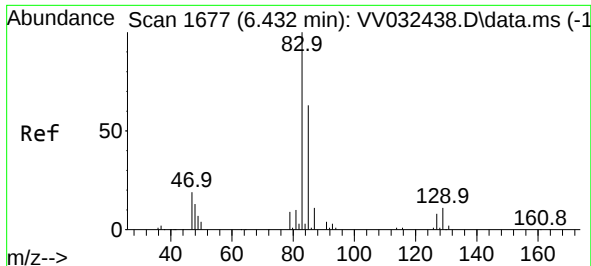
Tgt Ion: 83 Resp: 12503
Ion Ratio Lower Upper
83 100
85 68.1 45.4 84.4



#34
Trichloroethene
Concen: 0.148 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

Tgt Ion: 95 Resp: 1841
Ion Ratio Lower Upper
95 100
97 74.3 45.7 84.9
132 95.2 70.3 130.5
130 95.3 69.6 129.2

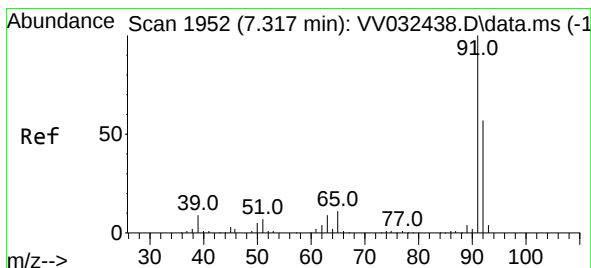
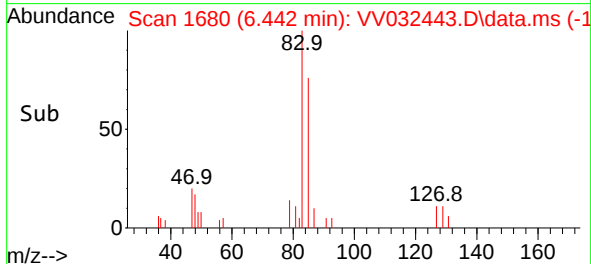
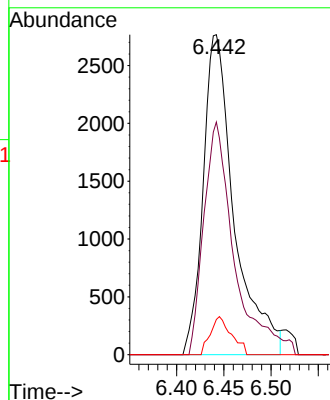
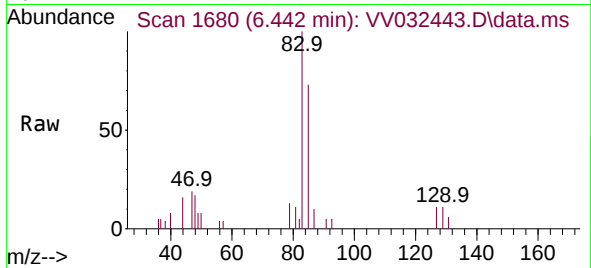




#38
Bromodichloromethane
Concen: 0.436 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

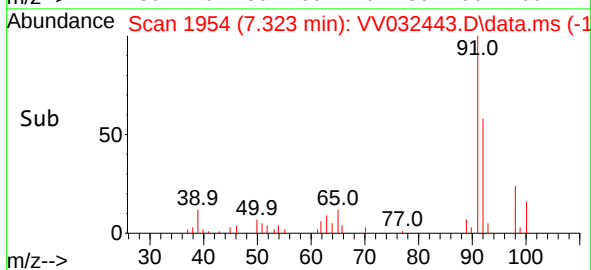
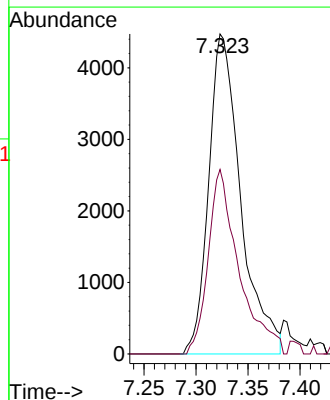
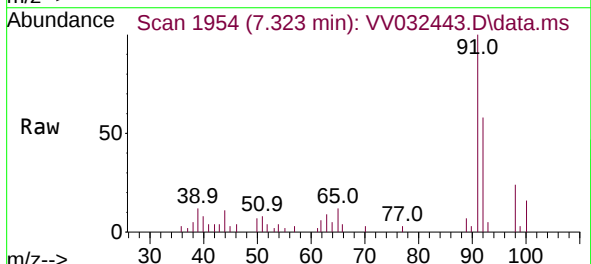
Instrument :
MSVOA_V
ClientSampleId :

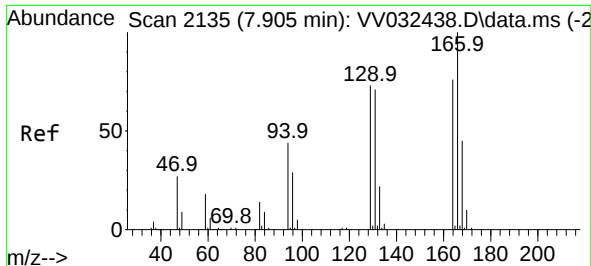
Tgt Ion: 83 Resp: 6325
Ion Ratio Lower Upper
83 100
85 72.7 44.9 83.3
127 11.0 6.9 10.3#



#42
Toluene
Concen: 0.197 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

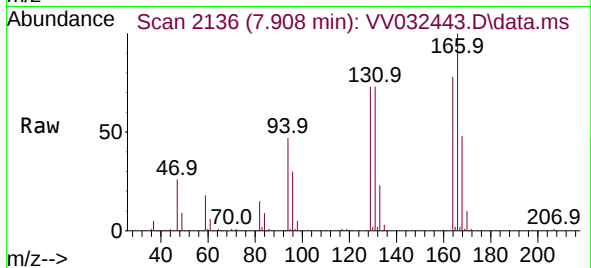
Tgt Ion: 91 Resp: 9588
Ion Ratio Lower Upper
91 100
92 57.7 40.8 75.8



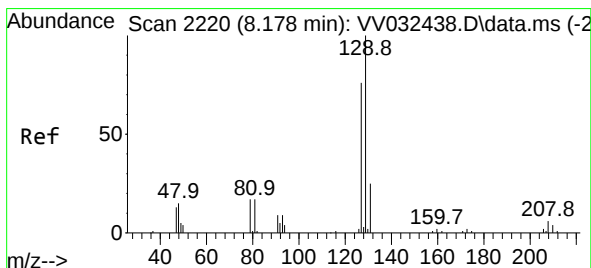
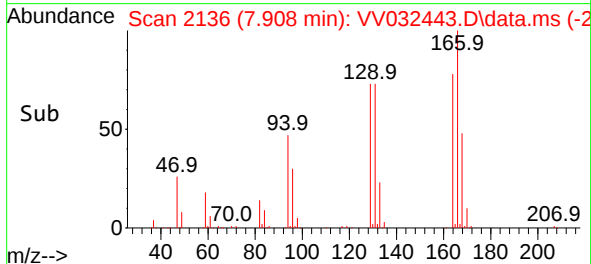
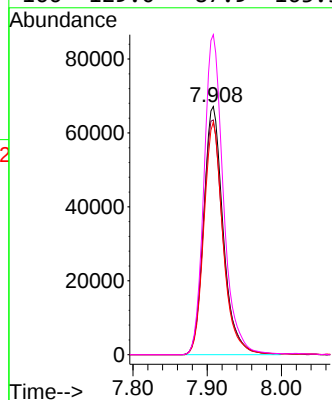


#47
Tetrachloroethene
Concen: 12.979 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

Instrument :
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ClientSampleId :

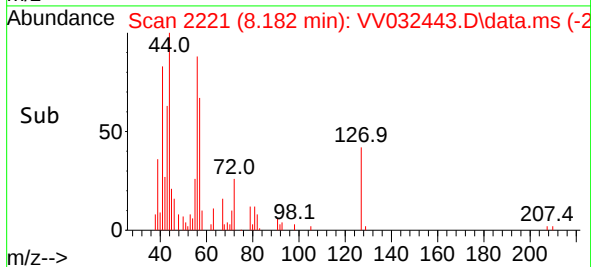
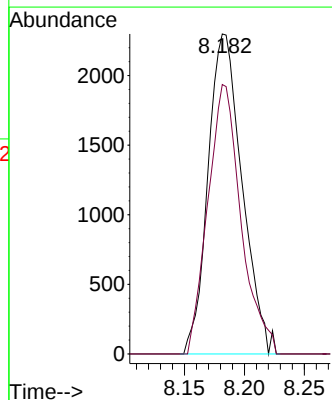
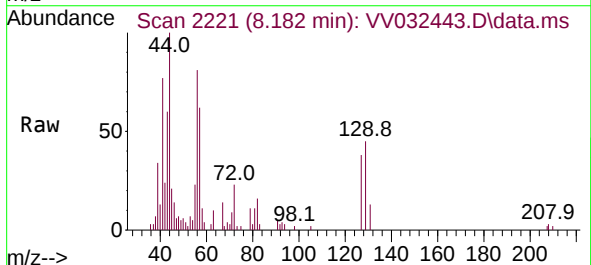


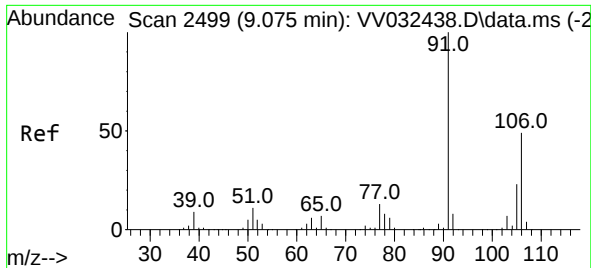
Tgt Ion:164 Resp: 122684
Ion Ratio Lower Upper
164 100
129 94.6 66.4 123.4
131 93.7 63.7 118.3
166 129.0 87.9 163.3



#49
Dibromochloromethane
Concen: 0.506 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

Tgt Ion:129 Resp: 4536
Ion Ratio Lower Upper
129 100
127 84.2 57.2 106.2

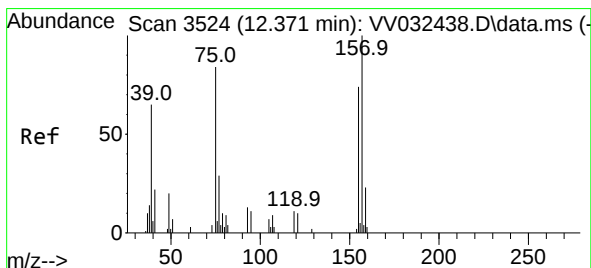
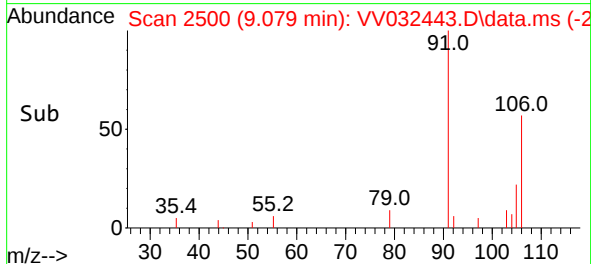
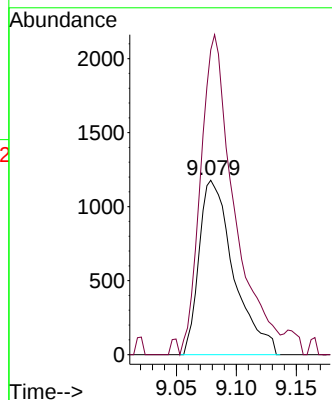
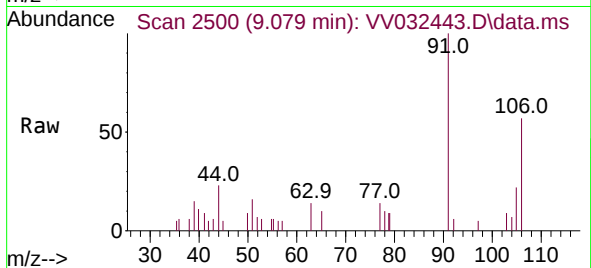




#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032443.D
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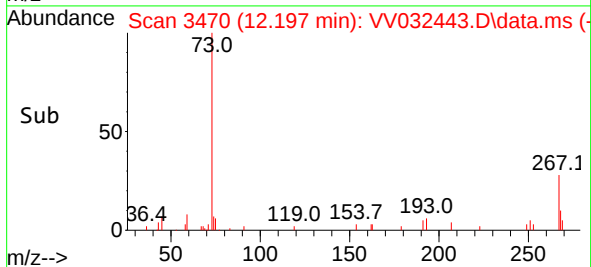
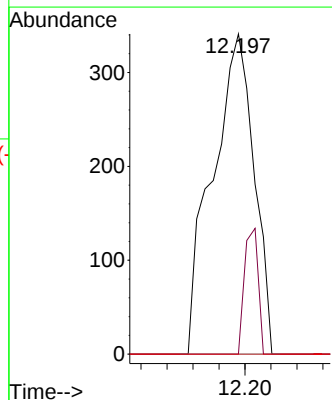
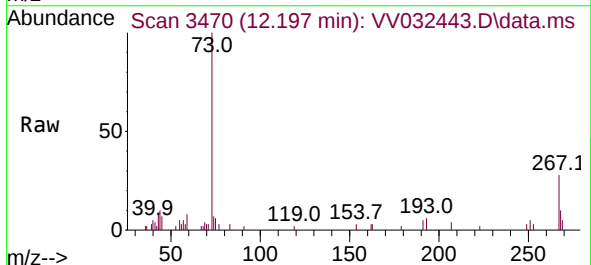
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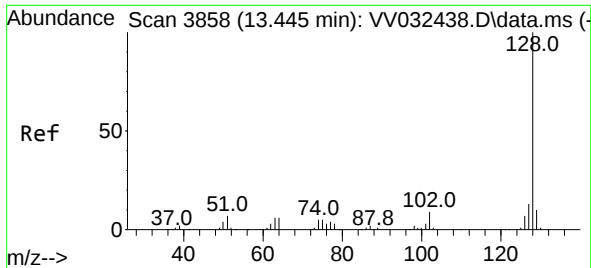
Tgt Ion:106 Resp: 2364
Ion Ratio Lower Upper
106 100
91 174.8 144.5 268.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.287 ug/L
RT: 12.197 min Scan# 3470
Delta R.T. -0.174 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

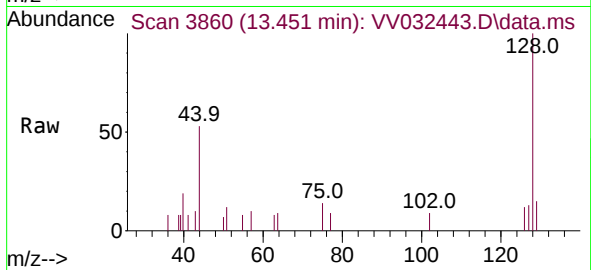
Tgt Ion: 75 Resp: 379
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#





#71
Naphthalene
Concen: 0.090 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.007 min
Lab File: VV032443.D
Acq: 17 Oct 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2240
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 7.7 10.2 15.2#

