

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038442.D
 Acq On : 06 Dec 2024 16:59
 Operator : SY/MD
 Sample : P5111-01DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

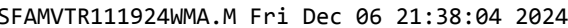
Quant Time: Dec 06 21:37:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 21:32:44 2024
 Response via : Initial Calibration

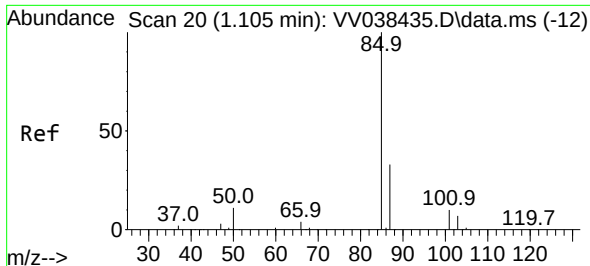
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	69673	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	51602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	16656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47291	8.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	177.200%#
7) Chloroethane-d5	1.536	69	35210	8.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	163.000%#
11) 1,1-Dichloroethene-d2	2.060	65	21544	9.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	187.400%#
20) 2-Butanone-d5	3.857	46	4481	4.194	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	8.380%#
24) Chloroform-d	4.249	84	52577	5.073	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.953	65	12957	2.786	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.800%#
32) Benzene-d6	4.960	84	97796	7.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	146.600%#
36) 1,2-Dichloropropane-d6	5.989	67	24885	6.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.200%
41) Toluene-d8	7.243	98	74242	6.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
43) trans-1,3-Dichloroprop...	7.584	79	3683	2.414	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.200%#
46) 2-Hexanone-d5	8.059	63	1930	3.254	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	6.500%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	9193	2.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	52.800%#
66) 1,2-Dichlorobenzene-d4	11.558	152	13803	4.864	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	14095	2.138	ug/L	96
3) Chloromethane	1.195	50	4683	0.825	ug/L #	41
6) Bromomethane	1.491	94	718	0.286	ug/L	100
8) Chloroethane	1.478	64	13681	3.338	ug/L #	52
12) 1,1-Dichloroethene	2.069	96	6473	1.301	ug/L #	1
14) Carbon disulfide	2.246	76	2031	0.127	ug/L #	77
22) cis-1,2-Dichloroethene	3.828	96	5828	1.075	ug/L	90
29) 1,1,1-Trichloroethane	4.507	97	1724	0.279	ug/L #	79
34) Trichloroethene	5.834	95	37921	9.597	ug/L	97
47) Tetrachloroethene	7.899	164	38122	12.007	ug/L	98
49) Dibromochloromethane	7.899	129	38003	11.838	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	2036	1.428	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.339	75	114	0.356	ug/L #	2

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

Quant Time: Dec 06 21:37:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 21:32:44 2024
Response via : Initial Calibration

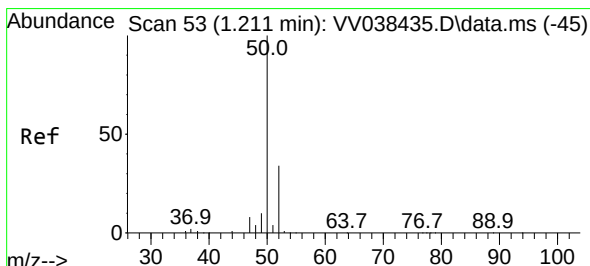
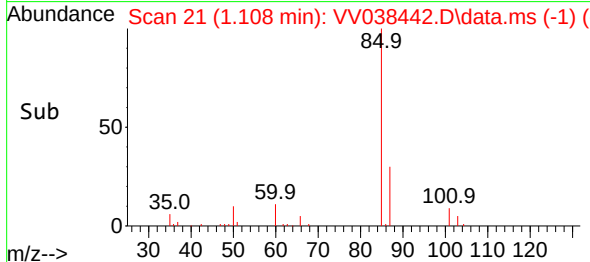
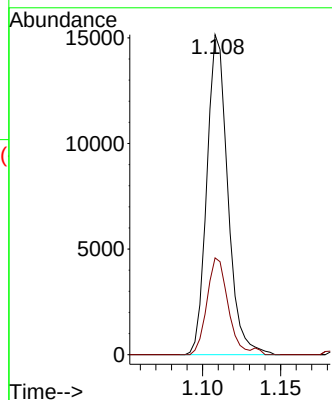
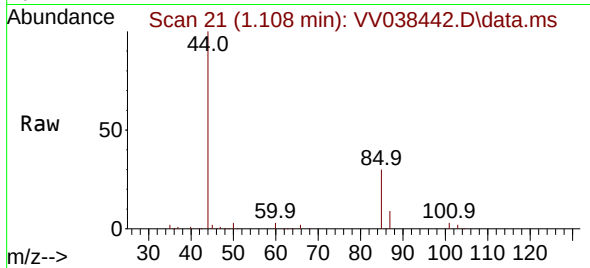




#2
 Dichlorodifluoromethane
 Concen: 2.138 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038442.D
 Acq: 06 Dec 2024 16:59

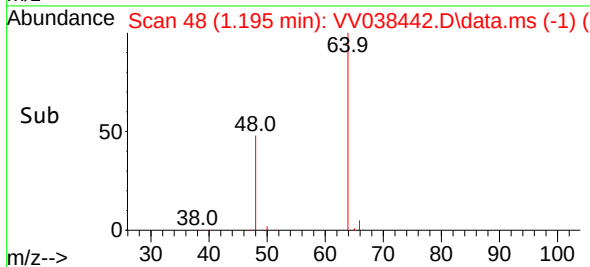
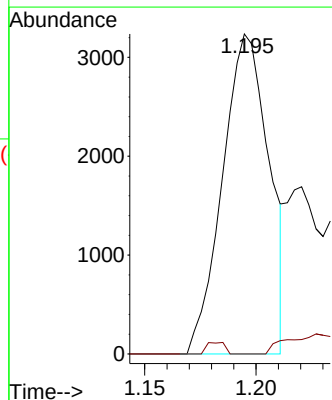
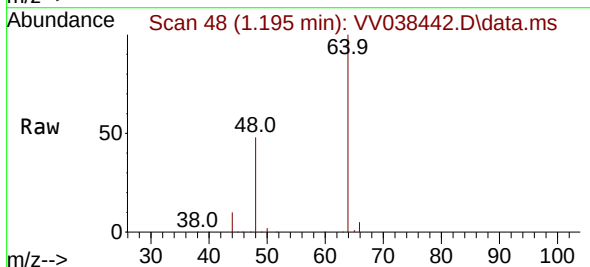
Instrument :
 MSVOA_V
 ClientSampleId :

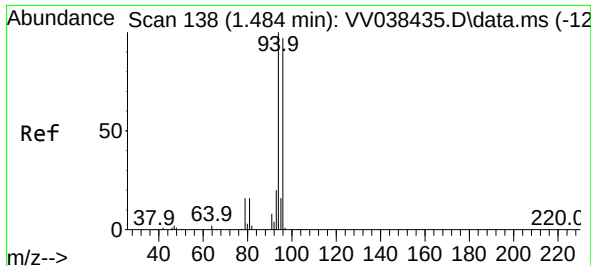
Tgt Ion: 85 Resp: 14095
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.5 39.7



#3
 Chloromethane
 Concen: 0.825 ug/L
 RT: 1.195 min Scan# 48
 Delta R.T. -0.016 min
 Lab File: VV038442.D
 Acq: 06 Dec 2024 16:59

Tgt Ion: 50 Resp: 4683
 Ion Ratio Lower Upper
 50 100
 52 0.0 23.5 43.7#

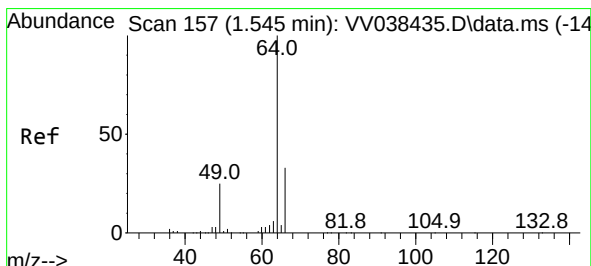
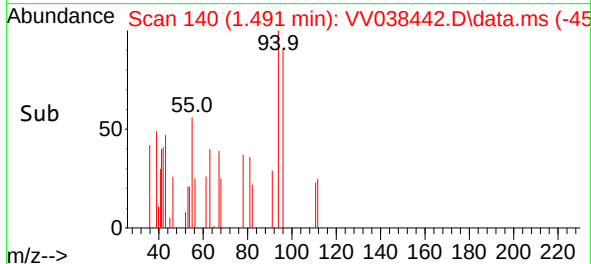
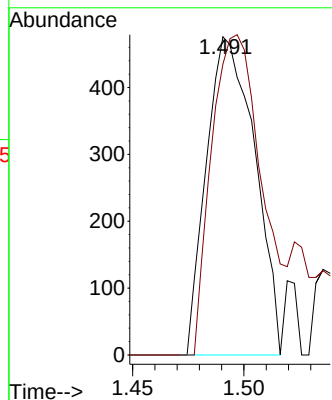
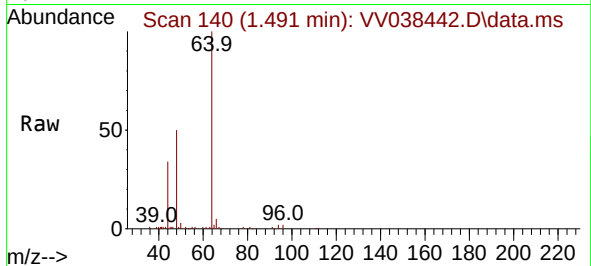




#6
Bromomethane
Concen: 0.286 ug/L
RT: 1.491 min Scan# 14
Delta R.T. 0.006 min
Lab File: VV038442.D
Acq: 06 Dec 2024 16:59

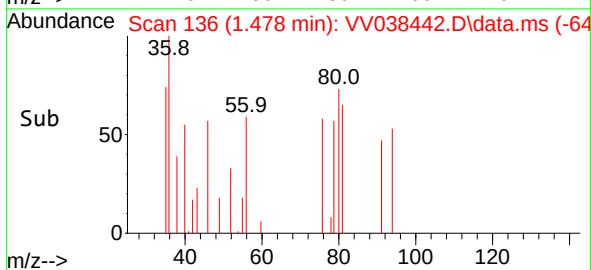
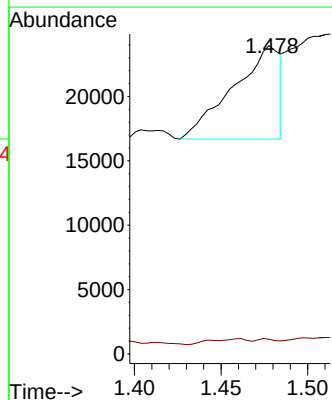
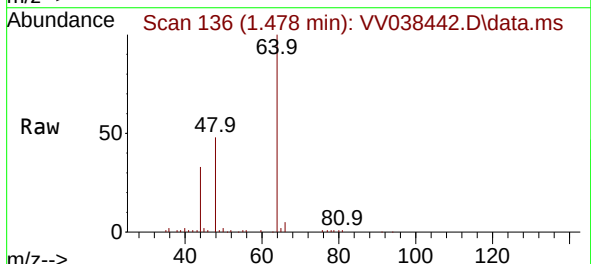
Instrument :
MSVOA_V
ClientSampleId :

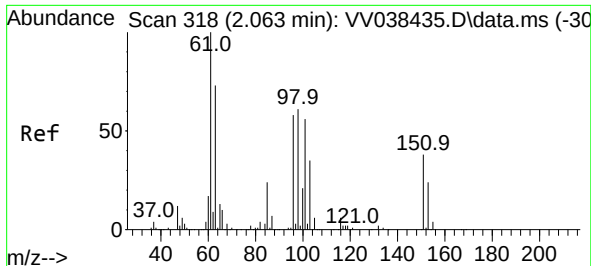
Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 91.4 63.7 118.3



#8
Chloroethane
Concen: 3.338 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.068 min
Lab File: VV038442.D
Acq: 06 Dec 2024 16:59

Tgt Ion: 64 Resp: 13681
Ion Ratio Lower Upper
64 100
66 4.8 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 1.301 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038442.D

Acq: 06 Dec 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :

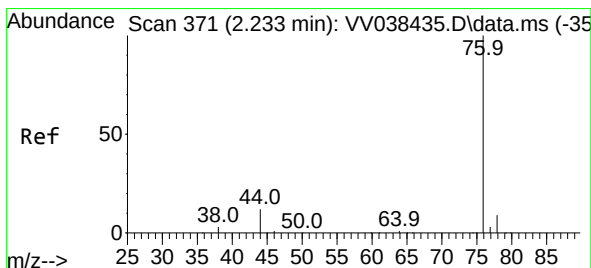
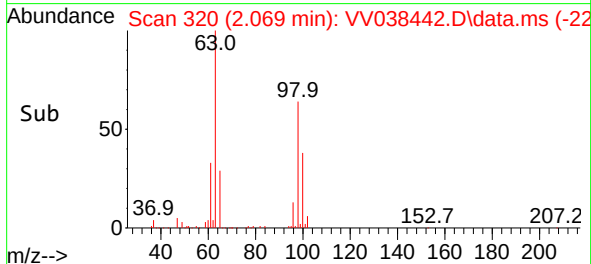
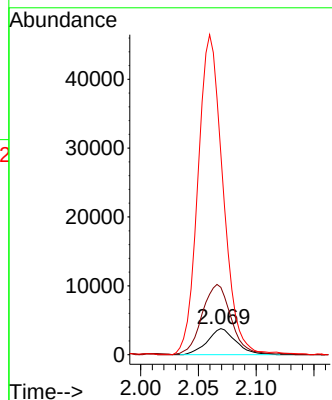
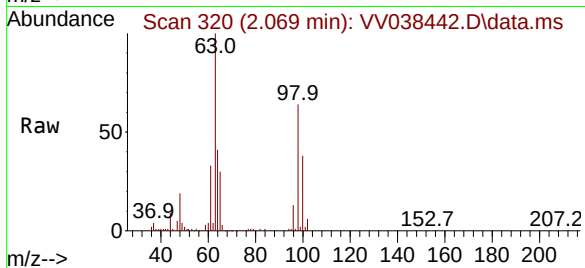
Tgt Ion: 96 Resp: 6473

Ion Ratio Lower Upper

96 100

61 258.2 115.7 214.9#

63 771.1 101.1 187.7#



#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.013 min

Lab File: VV038442.D

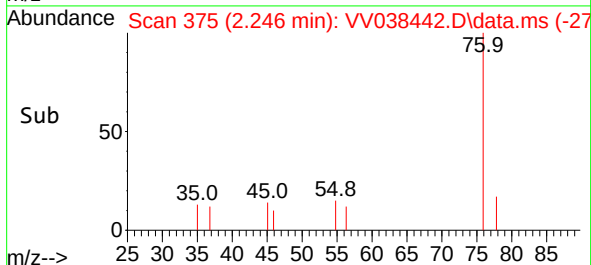
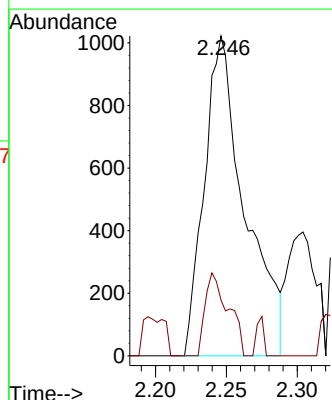
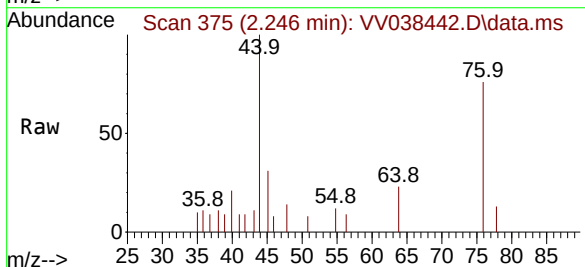
Acq: 06 Dec 2024 16:59

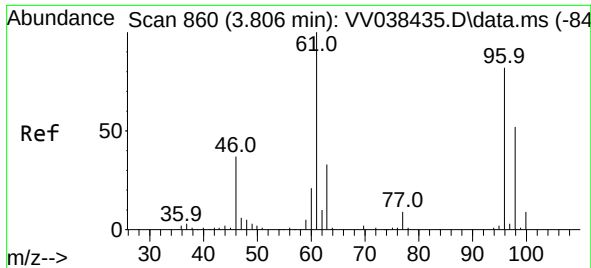
Tgt Ion: 76 Resp: 2031

Ion Ratio Lower Upper

76 100

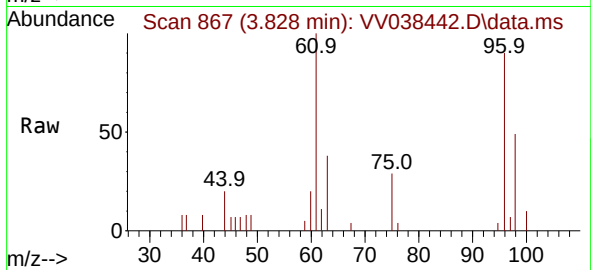
78 17.4 7.4 11.0#



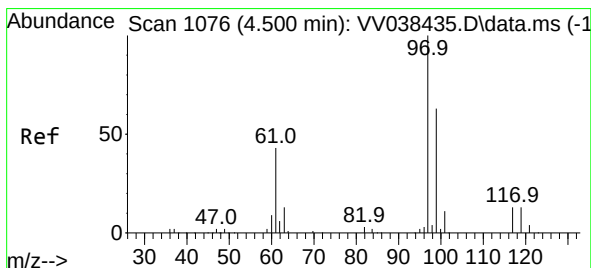
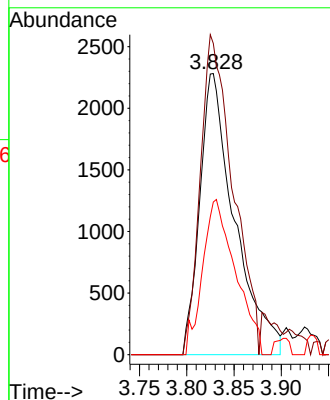
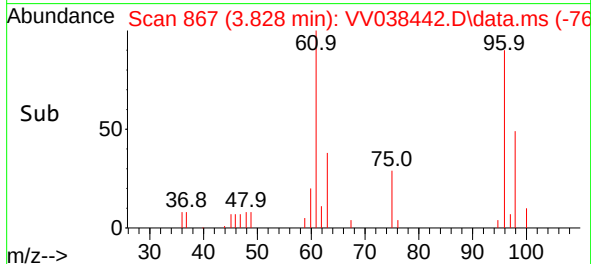


#22
 cis-1,2-Dichloroethene
 Concen: 1.075 ug/L
 RT: 3.828 min Scan# 80
 Delta R.T. 0.022 min
 Lab File: VV038442.D
 Acq: 06 Dec 2024 16:59

Instrument :
 MSVOA_V
 ClientSampleId :

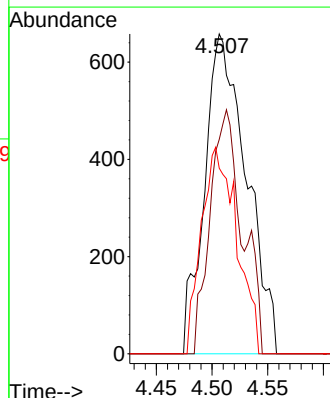
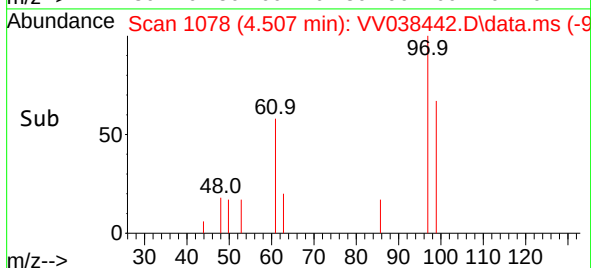
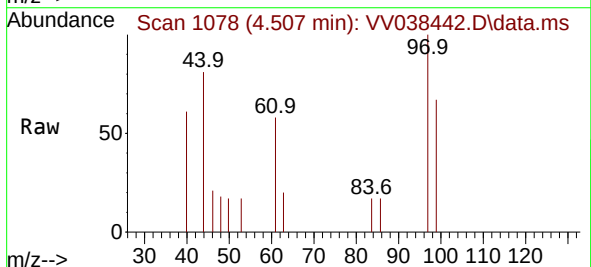


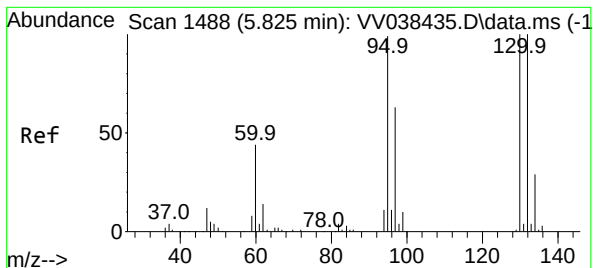
Tgt Ion:	96	Resp:	5828
Ion	Ratio	Lower	Upper
96	100		
61	110.7	82.7	153.5
98	54.3	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.279 ug/L
 RT: 4.507 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038442.D
 Acq: 06 Dec 2024 16:59

Tgt Ion:	97	Resp:	1724
Ion	Ratio	Lower	Upper
97	100		
99	49.7	51.8	77.8#
61	54.4	32.2	48.2#





#34

Trichloroethene

Concen: 9.597 ug/L

RT: 5.834 min Scan# 1488

Delta R.T. 0.010 min

Lab File: VV038442.D

Acq: 06 Dec 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37921

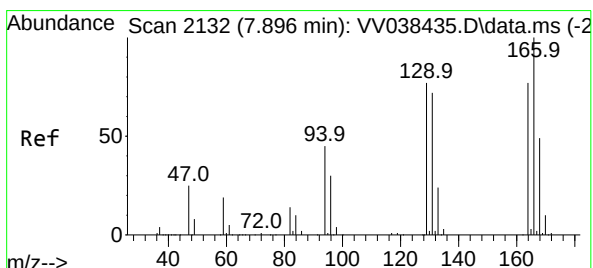
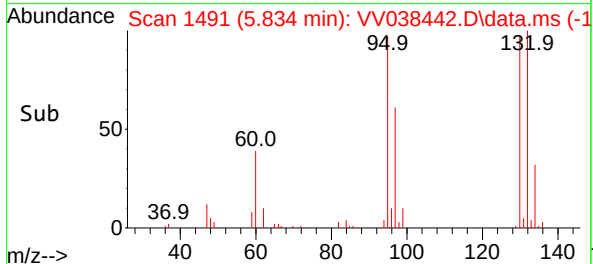
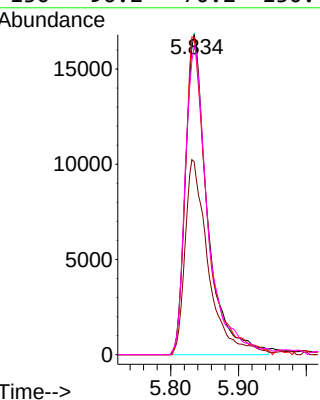
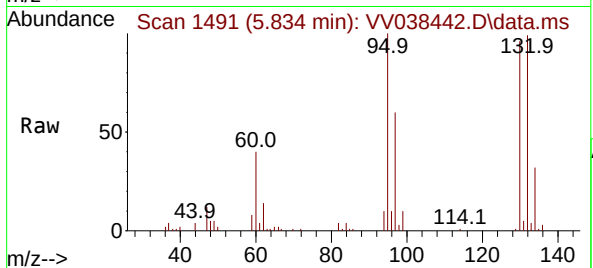
Ion Ratio Lower Upper

95 100

97 60.2 44.8 83.2

132 99.1 68.3 126.8

130 96.2 70.2 130.4



#47

Tetrachloroethene

Concen: 12.007 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038442.D

Acq: 06 Dec 2024 16:59

Tgt Ion: 164 Resp: 38122

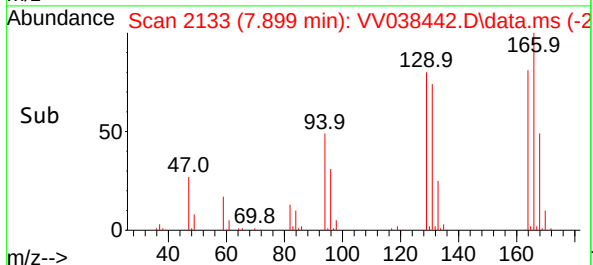
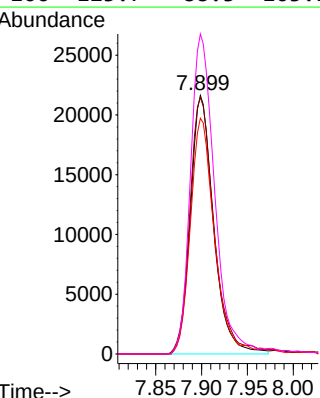
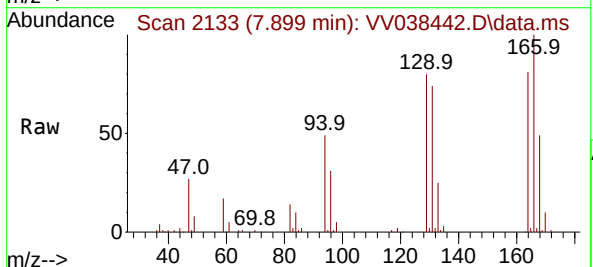
Ion Ratio Lower Upper

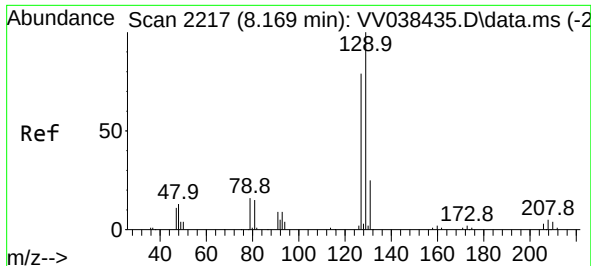
164 100

129 99.1 68.5 127.1

131 91.1 64.8 120.4

166 123.7 88.3 163.9





#49

Dibromochloromethane

Concen: 11.838 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038442.D

Acq: 06 Dec 2024 16:59

Instrument :

MSVOA_V

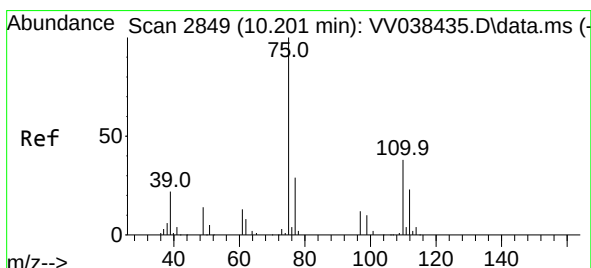
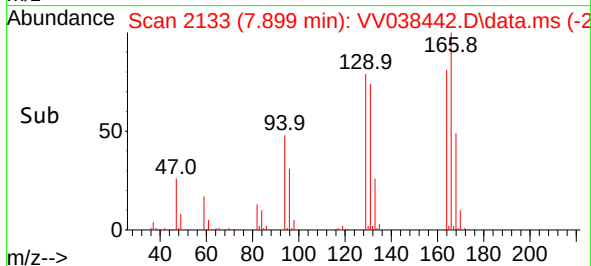
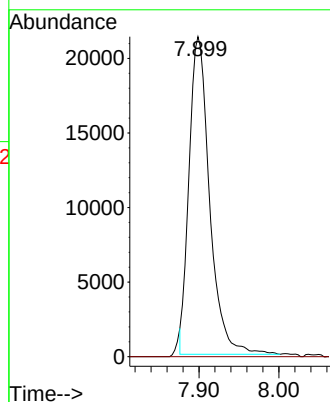
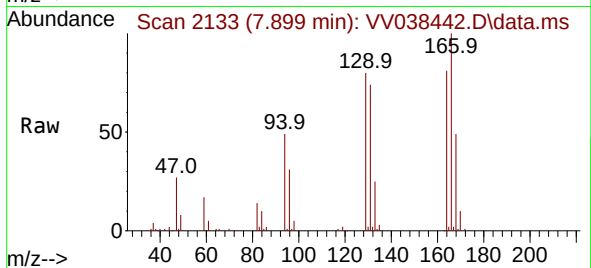
ClientSampleId :

Tgt Ion:129 Resp: 38003

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.428 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.984 min

Lab File: VV038442.D

Acq: 06 Dec 2024 16:59

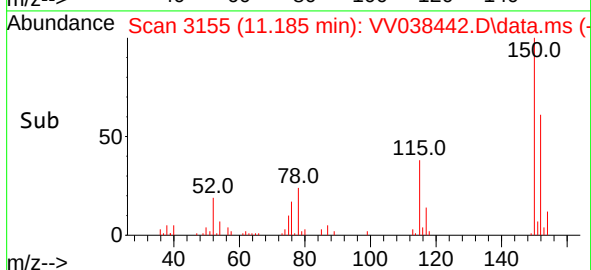
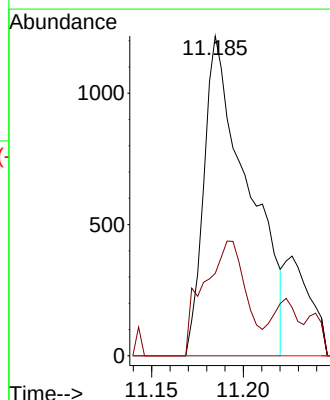
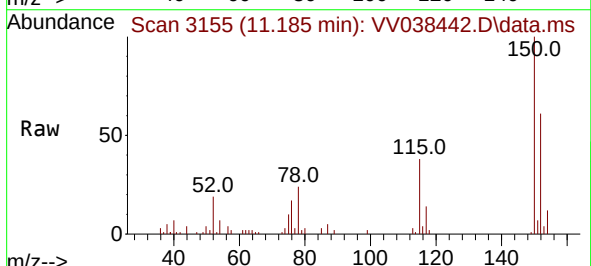
Tgt Ion: 75 Resp: 2036

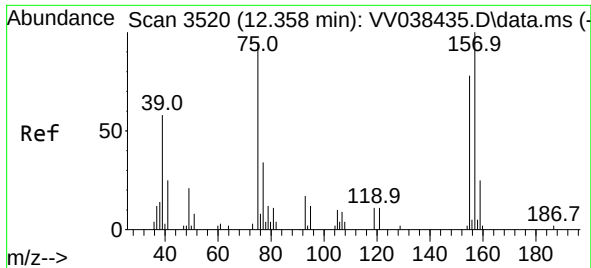
Ion Ratio Lower Upper

75 100

77 34.4 26.4 39.6

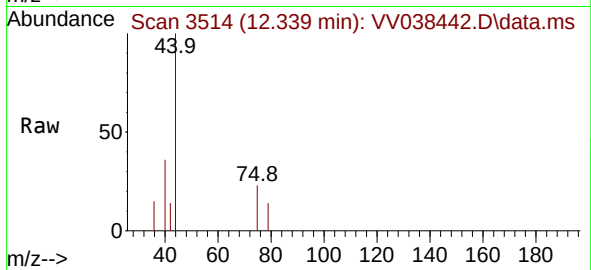
110 0.0 32.3 48.5#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.356 ug/L
 RT: 12.339 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VV038442.D
 Acq: 06 Dec 2024 16:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 114
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.5 101.3#
 157 0.0 82.7 124.1#

