

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032402.D
 Acq On : 11 Oct 2023 18:44
 Operator : SY/MD
 Sample : 04826-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0

Quant Time: Oct 12 03:07:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

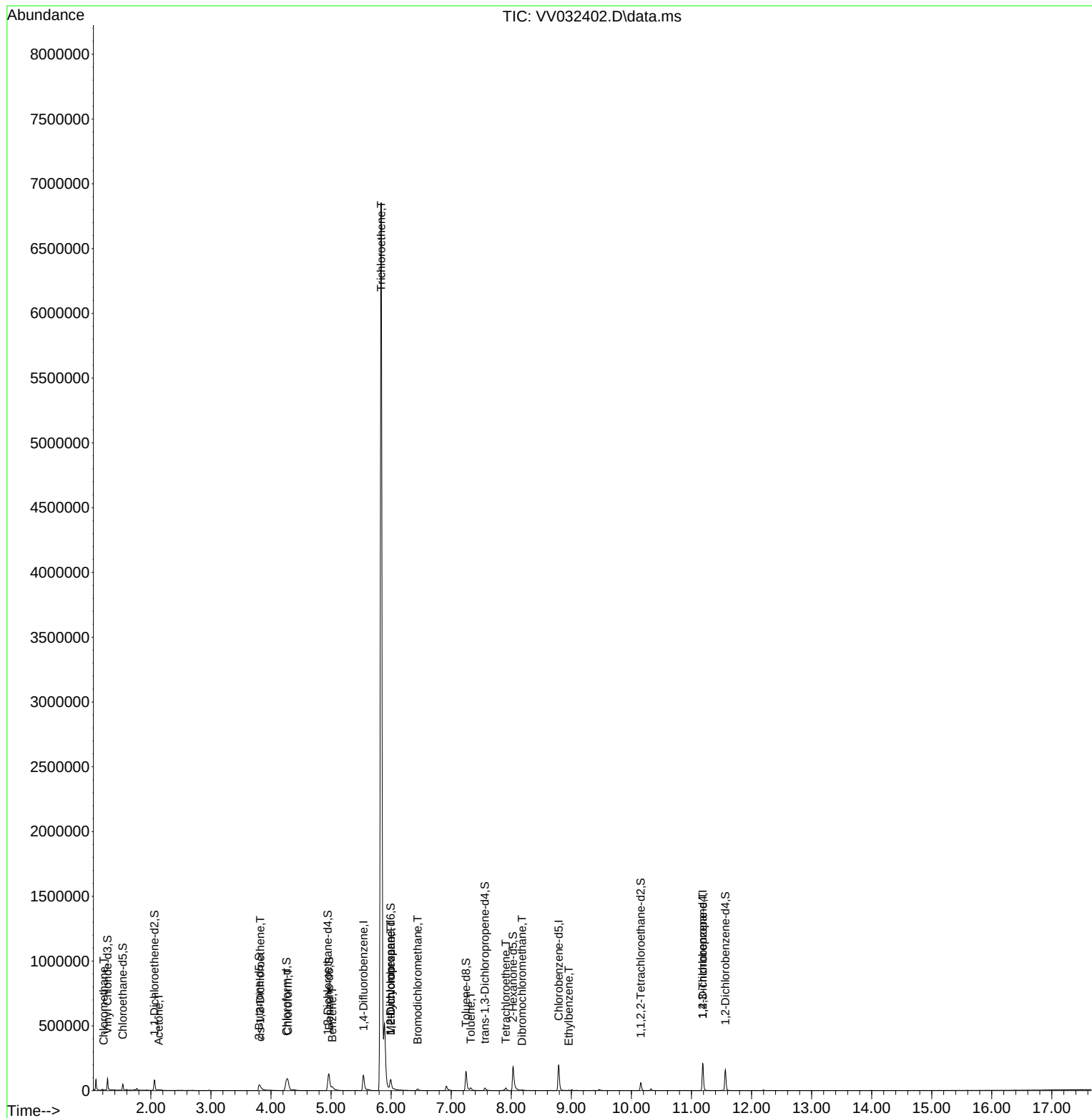
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	105142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33266	3.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.532	69	28967	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.060	65	14182	3.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.802	46	84456	39.043	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.080%
24) Chloroform-d	4.256	84	65055	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.947	65	30720	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.966	84	116120	3.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	5.992	67	39953	3.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.246	98	105788	3.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	7.561	79	13380	3.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.030	63	71061	38.328	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.660%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30788	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	41157	4.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2097	0.178	ug/L	97
13) Acetone	2.130	43	5363	3.217	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	1771	0.186	ug/L	78
25) Chloroform	4.281	83	73321	4.498	ug/L	99
33) Benzene	5.018	78	24566	0.612	ug/L	100
34) Trichloroethene	5.834	95	2383633	217.423	ug/L	98
35) Methylcyclohexane	5.992	83	8480	0.500	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	4527	0.422	ug/L #	87
38) Bromodichloromethane	6.442	83	9488	0.743	ug/L	99
42) Toluene	7.326	91	15608	0.365	ug/L	98
47) Tetrachloroethene	7.908	164	4920	0.592	ug/L	96
49) Dibromochloromethane	8.182	129	1814	0.230	ug/L	96
52) Ethylbenzene	8.956	91	2531	0.053	ug/L	87
61) 1,2,3-Trichloropropane	11.188	75	6695	1.213	ug/L #	66

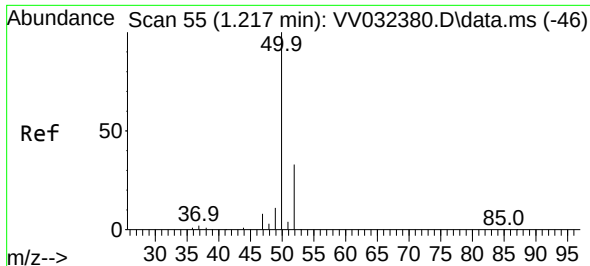
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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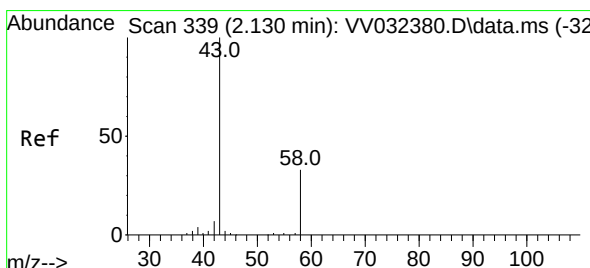
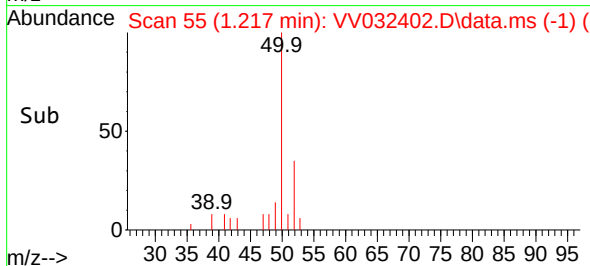
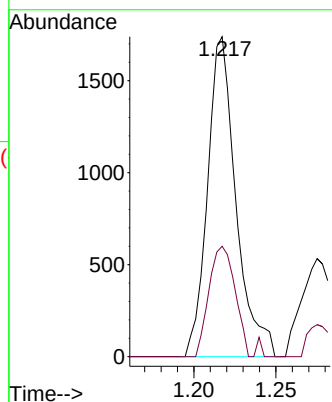
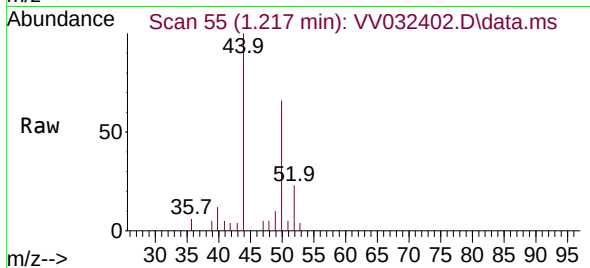




#3
 Chloromethane
 Concen: 0.178 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV032402.D
 Acq: 11 Oct 2023 18:44

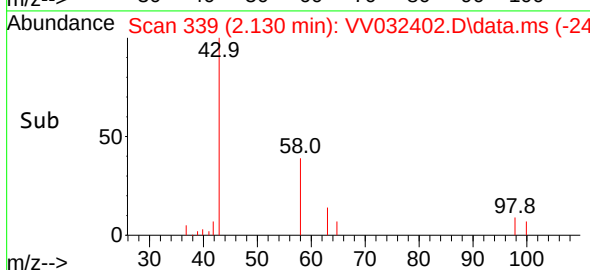
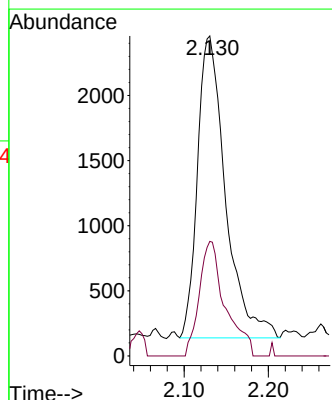
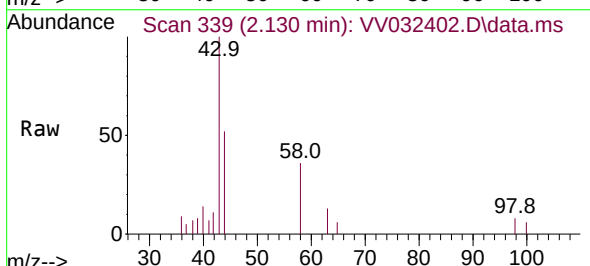
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0

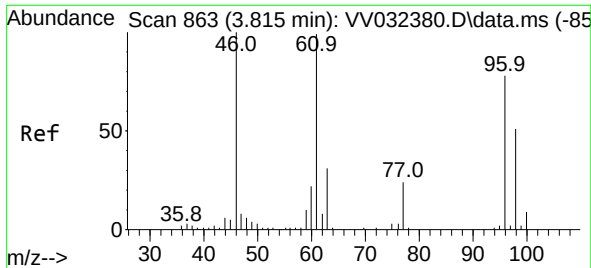
Tgt Ion: 50 Resp: 2097
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.0 42.6



#13
 Acetone
 Concen: 3.217 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV032402.D
 Acq: 11 Oct 2023 18:44

Tgt Ion: 43 Resp: 5363
 Ion Ratio Lower Upper
 43 100
 58 35.0 0.0 66.0

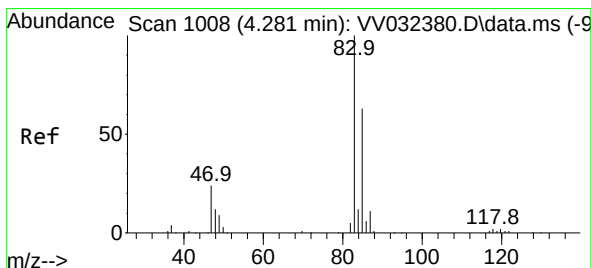
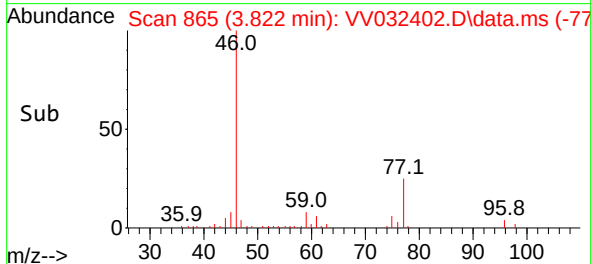
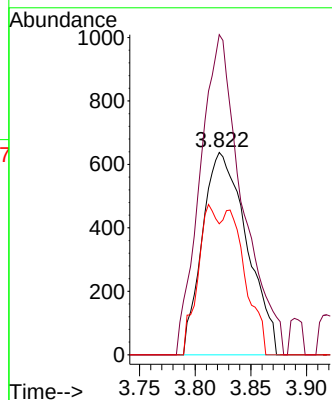
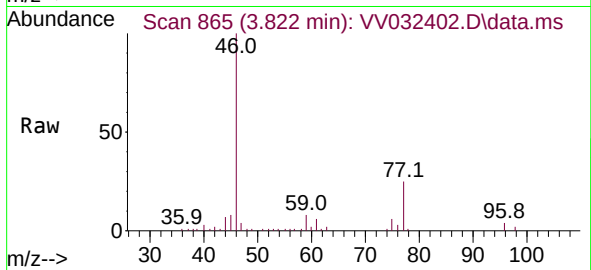




#22
cis-1,2-Dichloroethene
Concen: 0.186 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

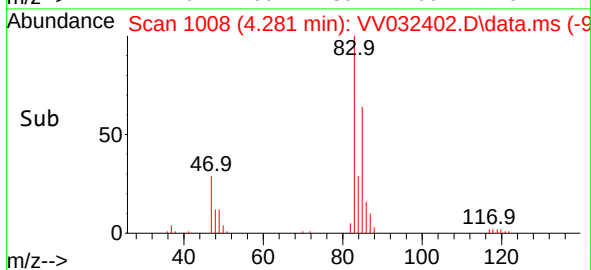
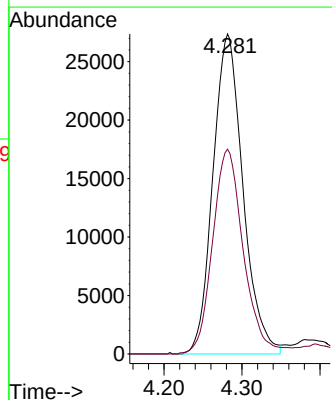
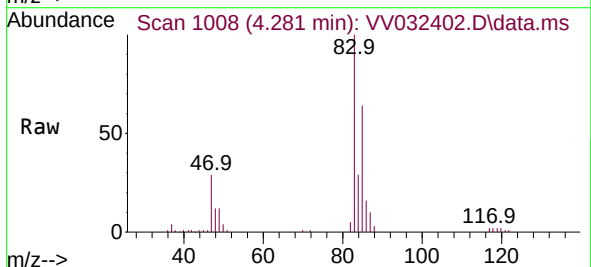
Instrument :
MSVOA_V
ClientSampleId :
DCJV0

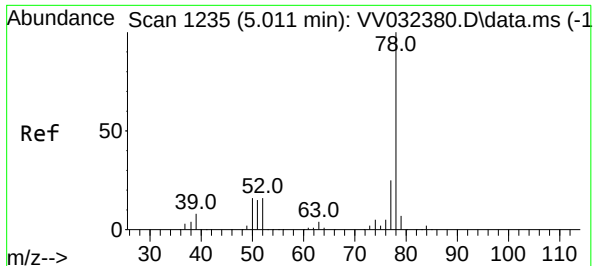
Tgt Ion: 96 Resp: 1771
Ion Ratio Lower Upper
96 100
61 158.2 85.8 159.4
98 64.7 44.0 81.6



#25
Chloroform
Concen: 4.498 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Tgt Ion: 83 Resp: 73321
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4

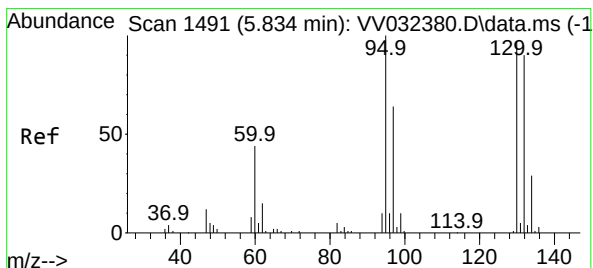
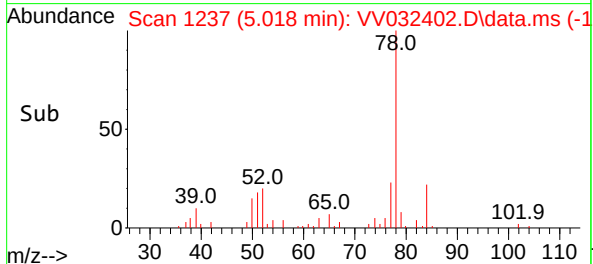
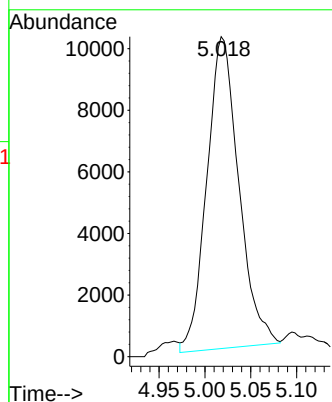
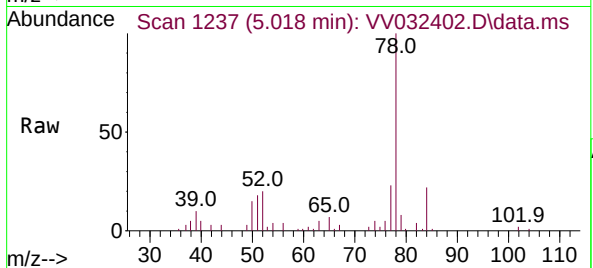




#33
Benzene
Concen: 0.612 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Instrument :
MSVOA_V
ClientSampleId :
DCJV0

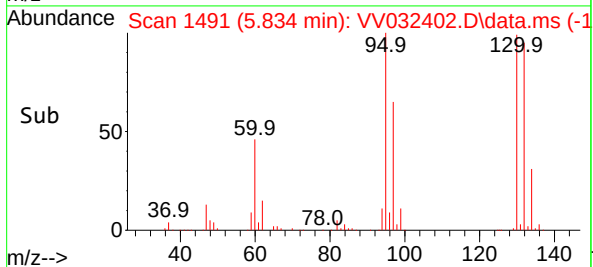
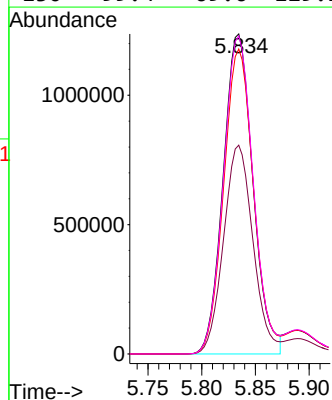
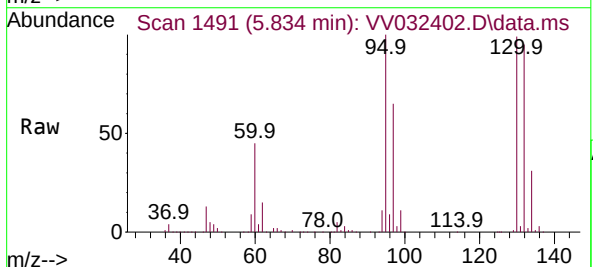
Tgt Ion: 78 Resp: 24566

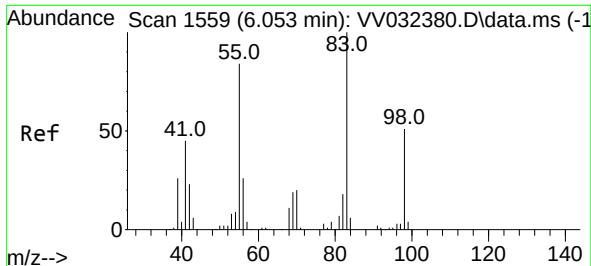


#34
Trichloroethene
Concen: 217.423 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Tgt Ion: 95 Resp: 2383633

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.7	84.9
132	95.3	70.3	130.5
130	99.4	69.6	129.2

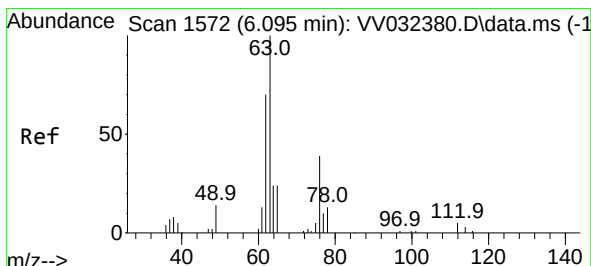
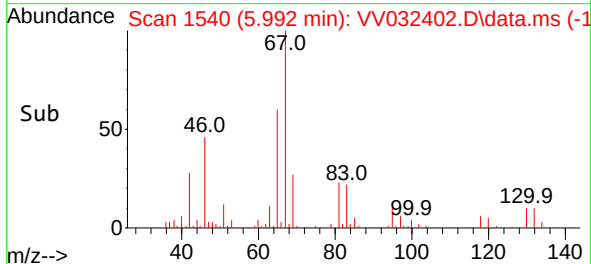
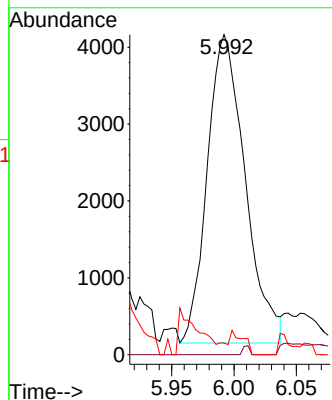
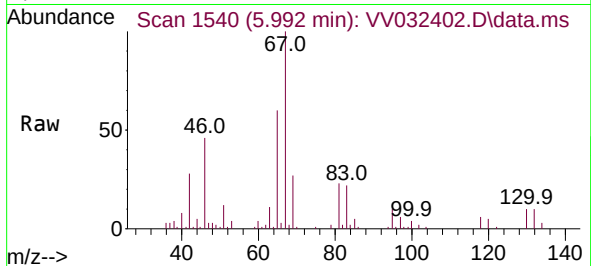




#35
Methylcyclohexane
Concen: 0.500 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

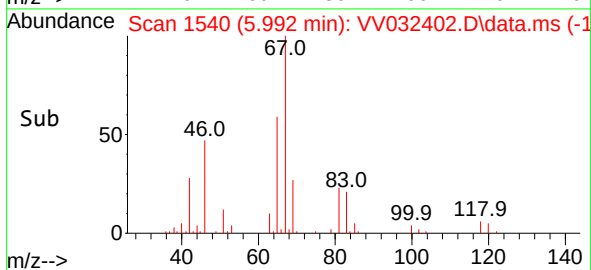
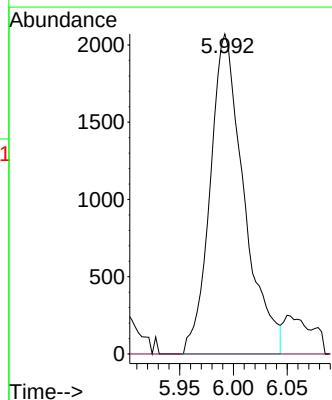
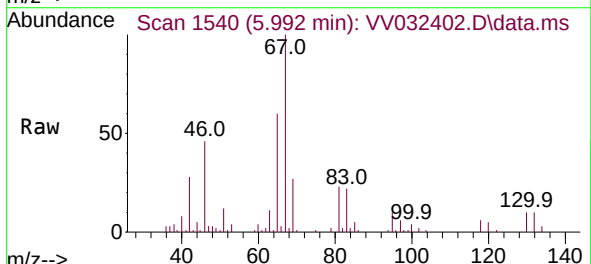
Instrument :
MSVOA_V
ClientSampleId :
DCJV0

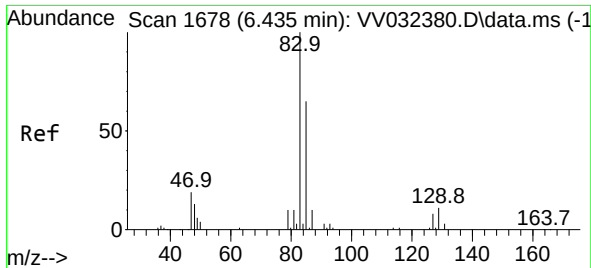
Tgt Ion: 83 Resp: 8480
Ion Ratio Lower Upper
83 100
55 0.5 64.2 96.2#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.422 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Tgt Ion: 63 Resp: 4527
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

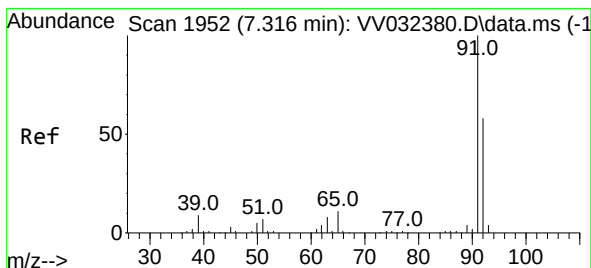
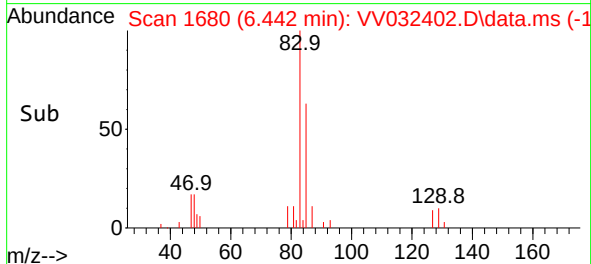
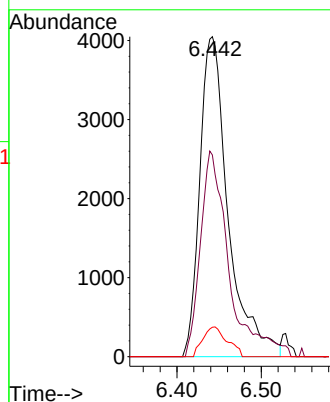
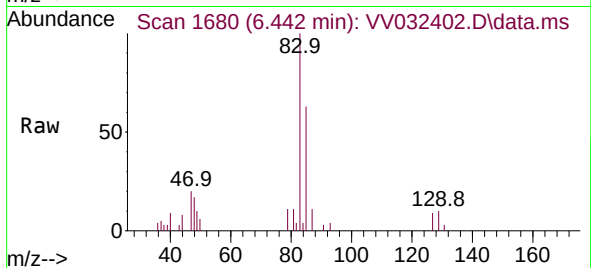




#38
Bromodichloromethane
Concen: 0.743 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

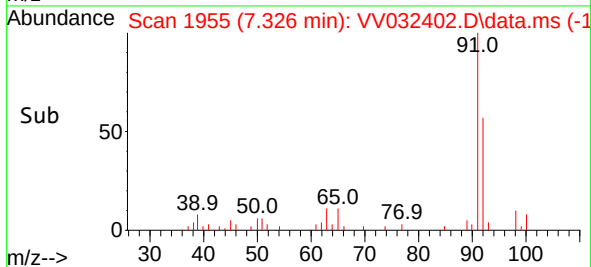
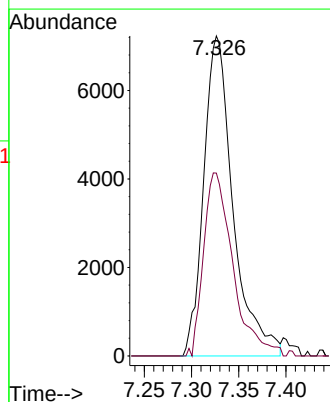
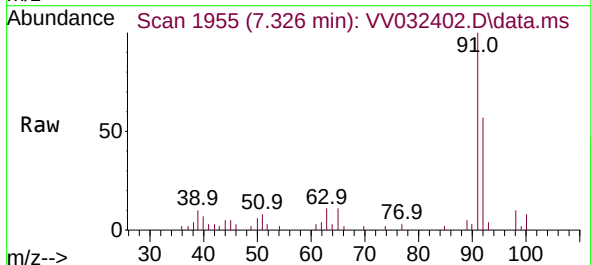
Instrument :
MSVOA_V
ClientSampleId :
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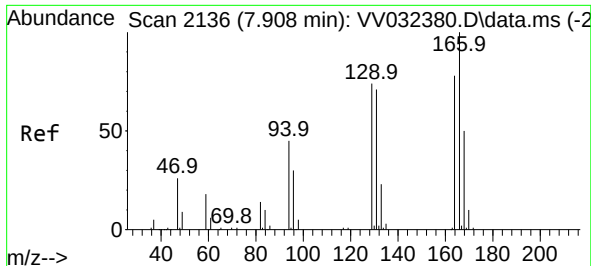
Tgt Ion: 83 Resp: 9488
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.3
127 9.2 6.9 10.3



#42
Toluene
Concen: 0.365 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Tgt Ion: 91 Resp: 15608
Ion Ratio Lower Upper
91 100
92 57.1 40.8 75.8





#47

Tetrachloroethene

Concen: 0.592 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032402.D

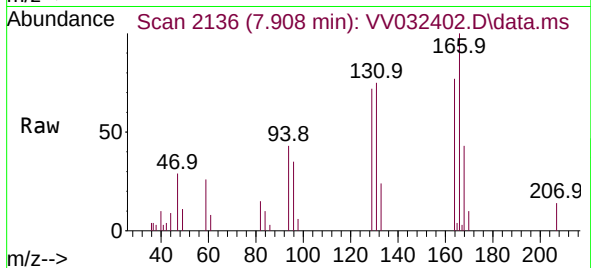
Acq: 11 Oct 2023 18:44

Instrument :

MSVOA_V

ClientSampleId :

DCJV0



Tgt Ion:164 Resp: 4920

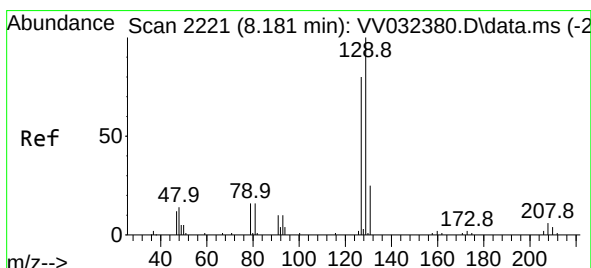
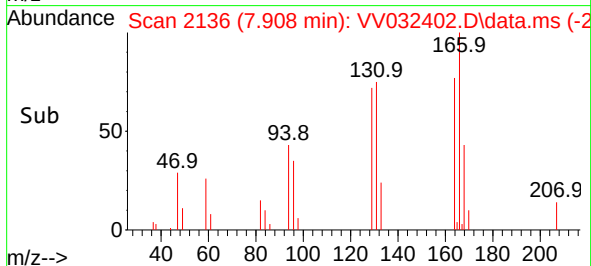
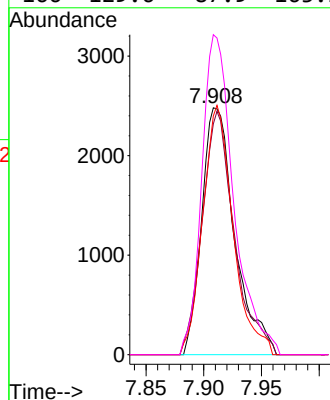
Ion Ratio Lower Upper

164 100

129 93.5 66.4 123.4

131 96.7 63.7 118.3

166 129.6 87.9 163.3



#49

Dibromochloromethane

Concen: 0.230 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV032402.D

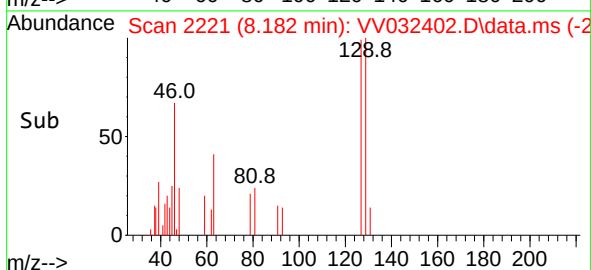
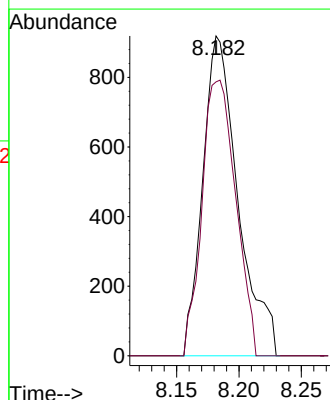
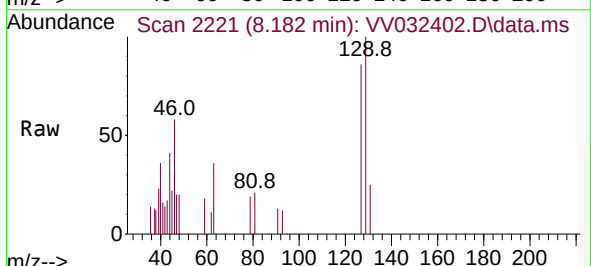
Acq: 11 Oct 2023 18:44

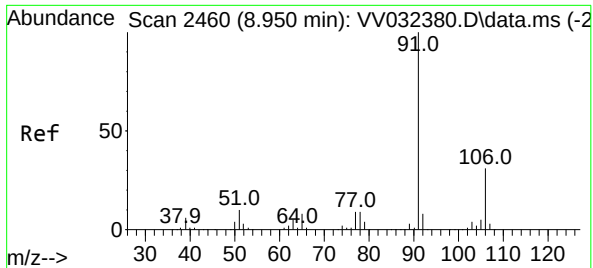
Tgt Ion:129 Resp: 1814

Ion Ratio Lower Upper

129 100

127 85.6 57.2 106.2

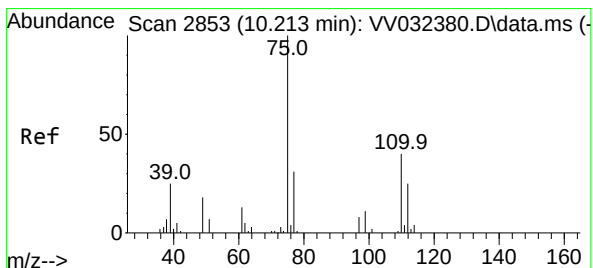
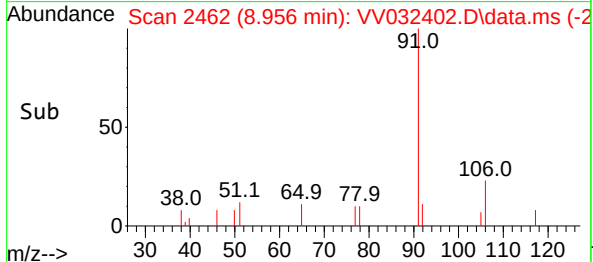
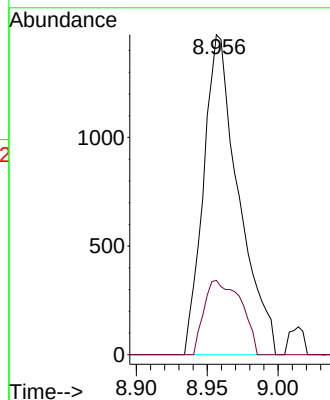
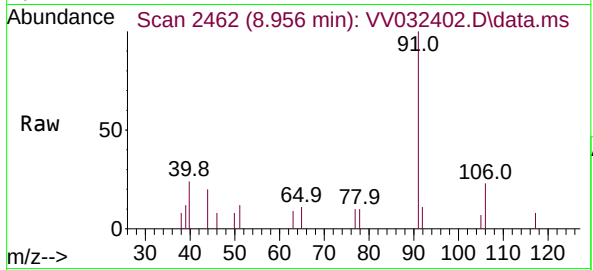




#52
Ethylbenzene
Concen: 0.053 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Instrument :
MSVOA_V
ClientSampleId :
DCJV0

Tgt Ion: 91 Resp: 2531
Ion Ratio Lower Upper
91 100
106 23.2 21.3 39.5



#61
1,2,3-Trichloropropane
Concen: 1.213 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032402.D
Acq: 11 Oct 2023 18:44

Tgt Ion: 75 Resp: 6695
Ion Ratio Lower Upper
75 100
77 34.6 26.2 39.2
110 2.4 30.6 46.0#

