

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032241.D
 Acq On : 04 Oct 2023 19:56
 Operator : SY/MD
 Sample : 04708-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:44:52 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)

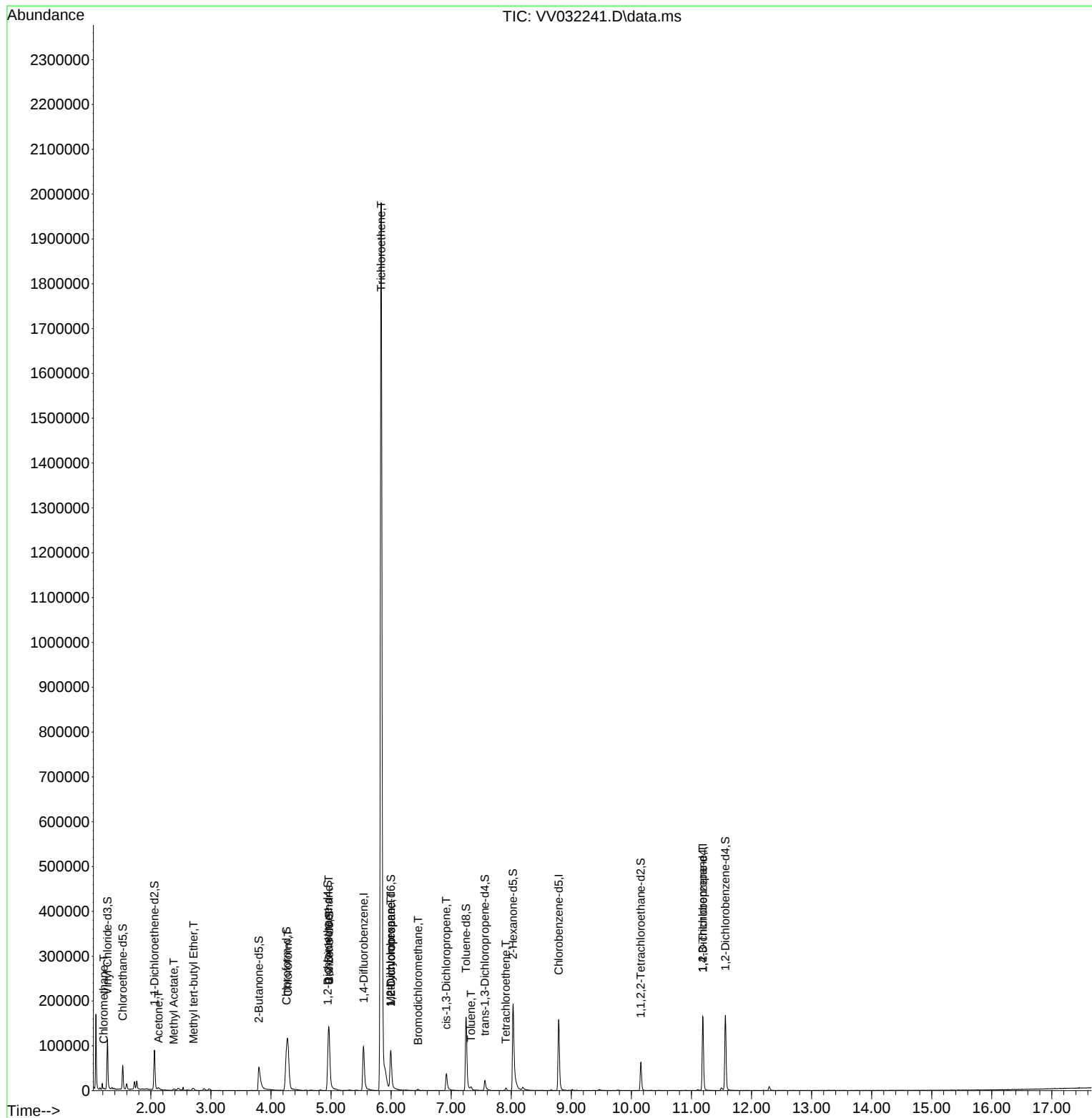
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	88193	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	89774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	42989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35474	4.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.532	69	31789	5.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.059	65	14740	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	3.799	46	93930	51.768	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	4.256	84	71125	5.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	4.947	65	33420	5.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	4.966	84	131682	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.995	67	47183	5.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.246	98	116043	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.561	79	14977	4.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.030	63	71003	48.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32431	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	43065	5.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1777	0.179	ug/L	87
13) Acetone	2.127	43	4661	3.333	ug/L	96
15) Methyl Acetate	2.381	43	889	0.282	ug/L #	53
17) Methyl tert-butyl Ether	2.709	73	3225	0.183	ug/L #	30
25) Chloroform	4.281	83	101885	7.451	ug/L	98
27) 1,2-Dichloroethane	4.960	62	933	0.115	ug/L #	73
34) Trichloroethene	5.834	95	720385	83.490	ug/L	98
35) Methylcyclohexane	5.992	83	10643	0.797	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	4963	0.587	ug/L #	87
38) Bromodichloromethane	6.448	83	2180	0.217	ug/L #	93
39) cis-1,3-Dichloropropene	6.918	75	963	0.080	ug/L #	69
42) Toluene	7.329	91	5060	0.150	ug/L	94
47) Tetrachloroethene	7.908	164	1160	0.177	ug/L	90
61) 1,2,3-Trichloropropane	11.188	75	5532	1.209	ug/L #	66

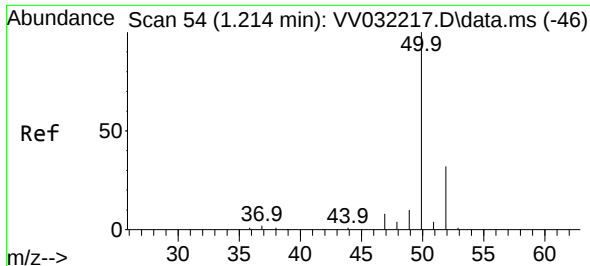
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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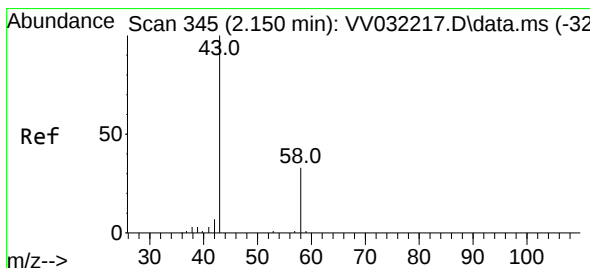
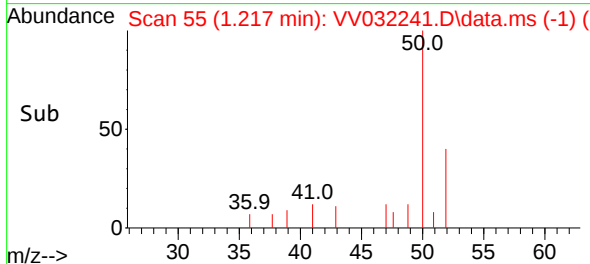
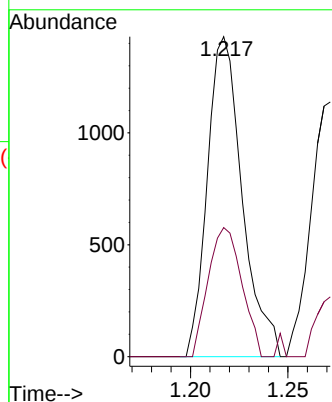
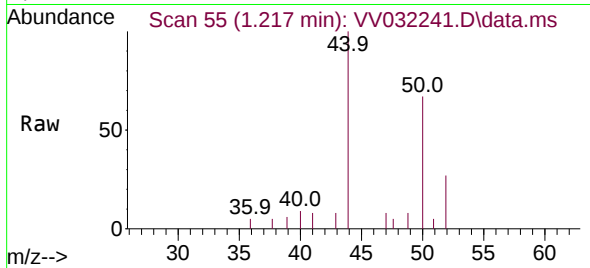




#3
Chloromethane
Concen: 0.179 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV032241.D
Acq: 04 Oct 2023 19:56

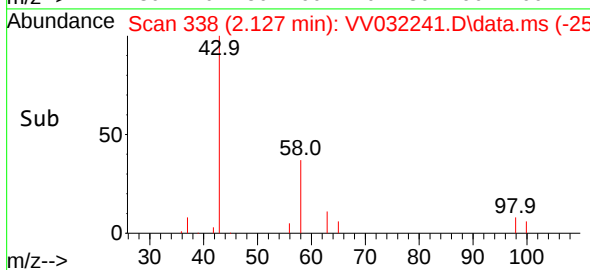
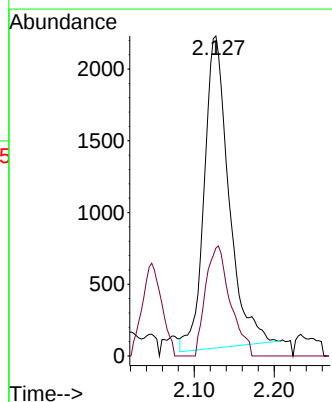
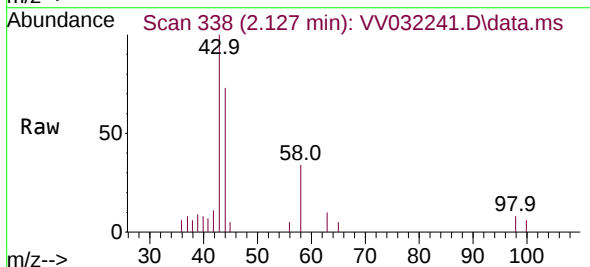
Instrument :
MSVOA_V
ClientSampleId :

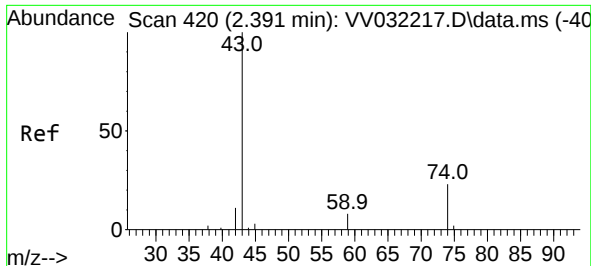
Tgt Ion: 50 Resp: 1777
Ion Ratio Lower Upper
50 100
52 40.3 23.0 42.6



#13
Acetone
Concen: 3.333 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.023 min
Lab File: VV032241.D
Acq: 04 Oct 2023 19:56

Tgt Ion: 43 Resp: 4661
Ion Ratio Lower Upper
43 100
58 35.2 0.0 66.0

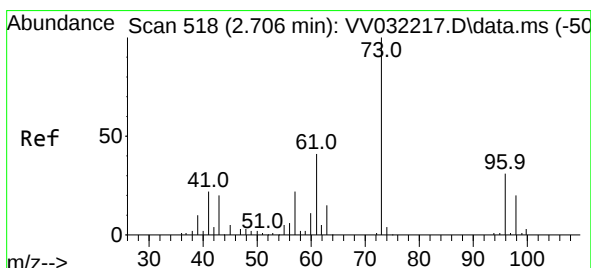
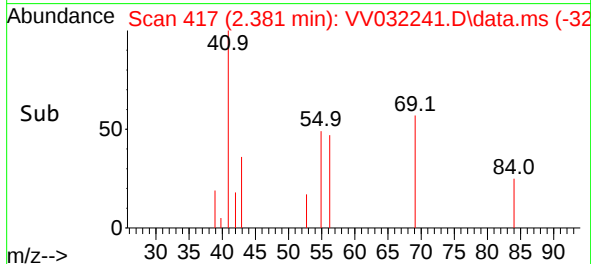
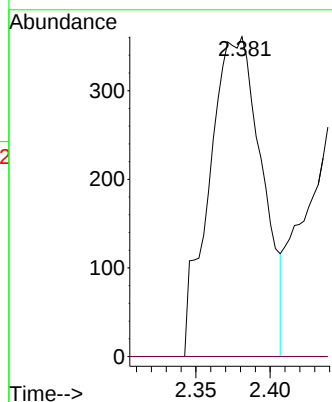
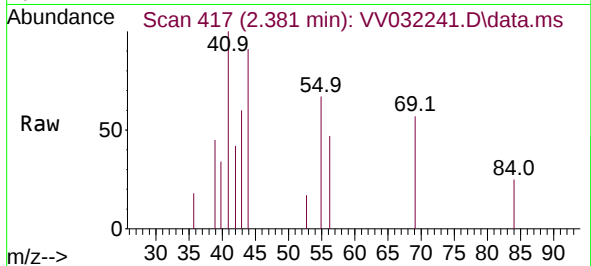




#15
Methyl Acetate
Concen: 0.282 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV032241.D
Acq: 04 Oct 2023 19:56

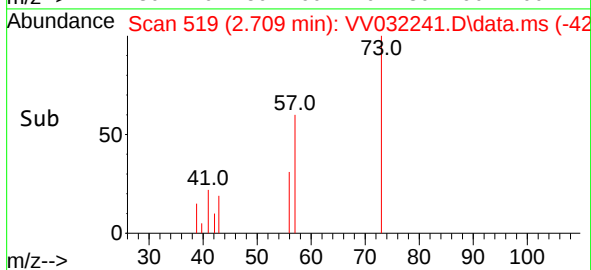
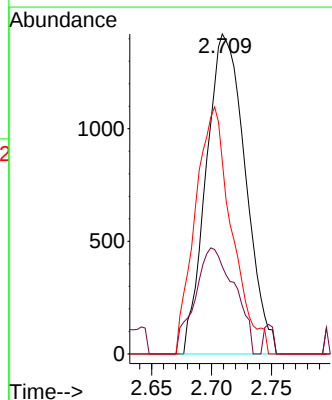
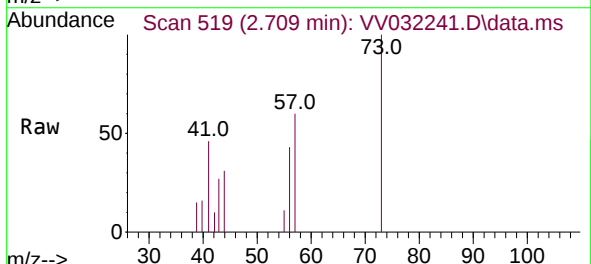
Instrument :
MSVOA_V
ClientSampleId :

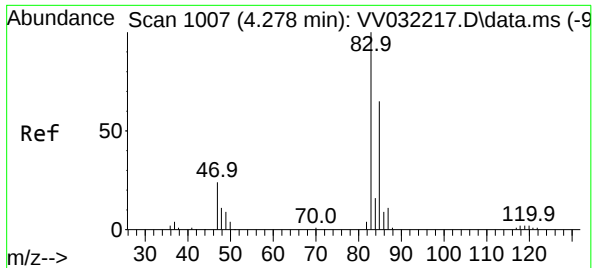
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#17
Methyl tert-butyl Ether
Concen: 0.183 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV032241.D
Acq: 04 Oct 2023 19:56

Tgt Ion: 73 Resp: 3225
Ion Ratio Lower Upper
73 100
43 33.5 15.1 22.7#
57 71.9 18.3 27.5#

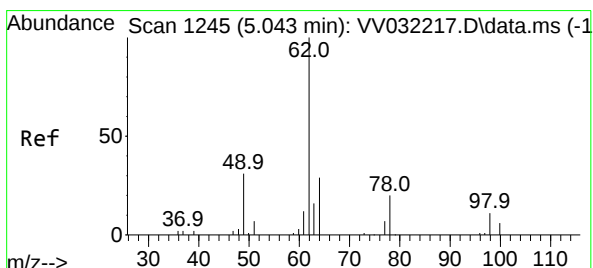
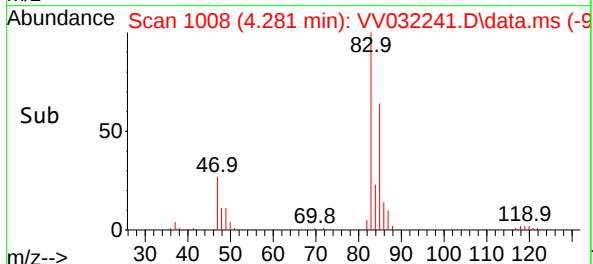
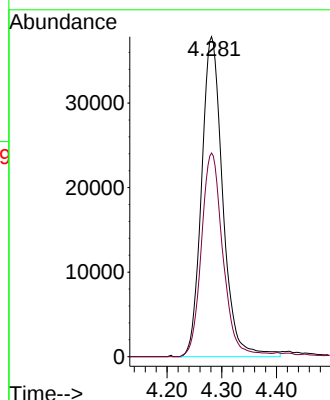
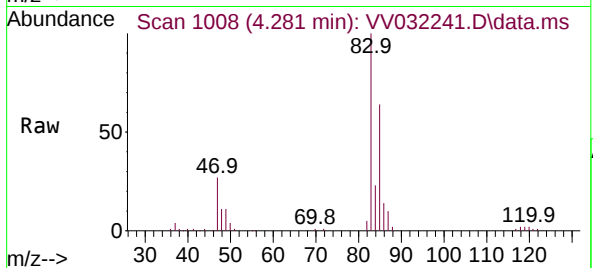




#25
Chloroform
Concen: 7.451 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032241.D
Acq: 04 Oct 2023 19:56

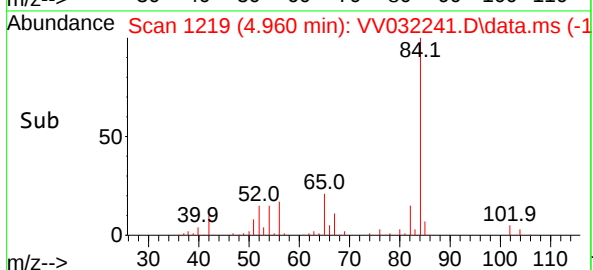
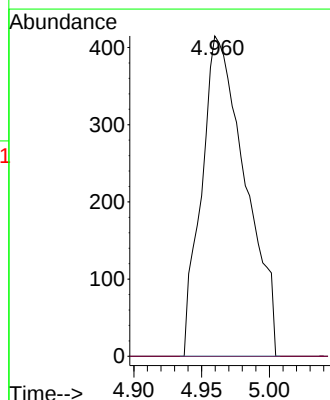
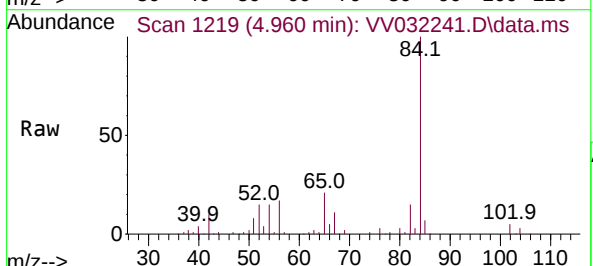
Instrument :
MSVOA_V
ClientSampleId :

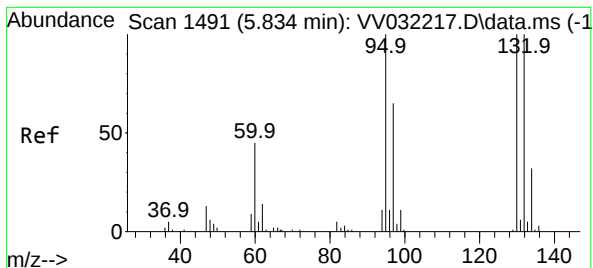
Tgt Ion: 83 Resp: 101885
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 4.960 min Scan# 1219
Delta R.T. -0.084 min
Lab File: VV032241.D
Acq: 04 Oct 2023 19:56

Tgt Ion: 62 Resp: 933
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 83.490 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 720385

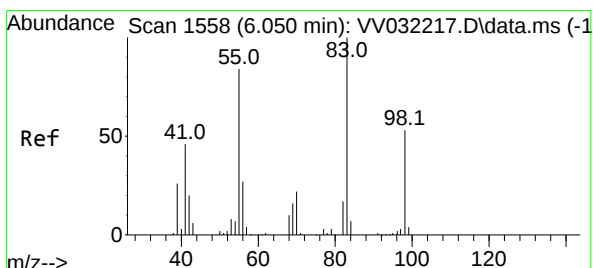
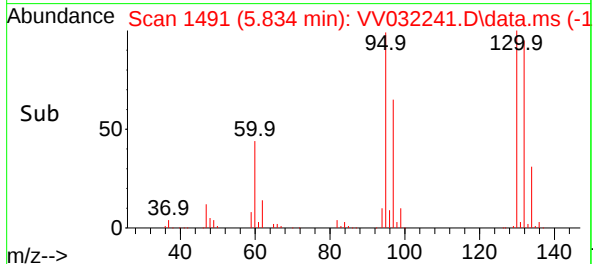
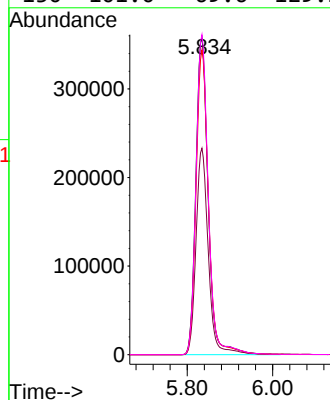
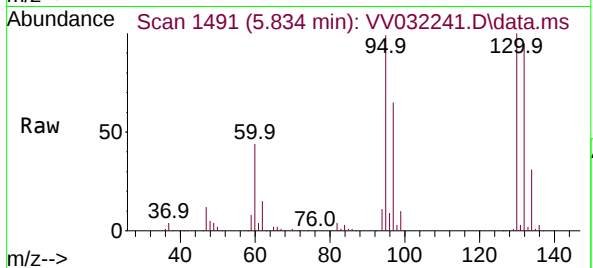
Ion Ratio Lower Upper

95 100

97 65.2 45.7 84.9

132 96.2 70.3 130.5

130 101.0 69.6 129.2



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

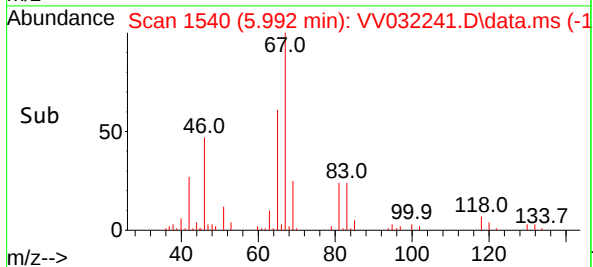
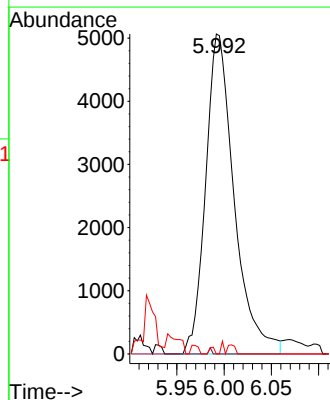
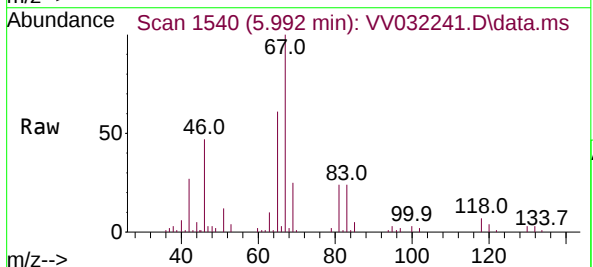
Tgt Ion: 83 Resp: 10643

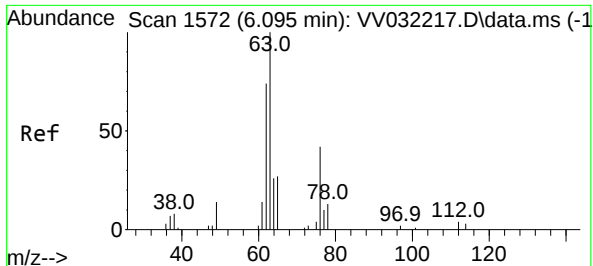
Ion Ratio Lower Upper

83 100

55 0.2 64.2 96.2#

98 7.6 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

Instrument :

MSVOA_V

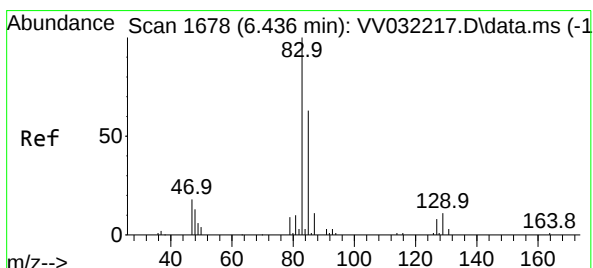
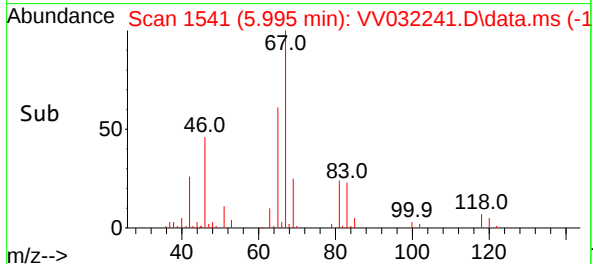
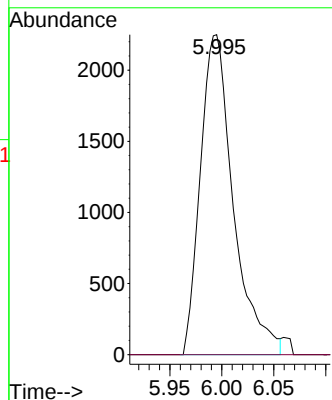
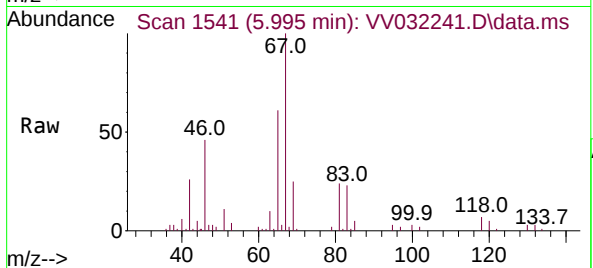
ClientSampleId :

Tgt Ion: 63 Resp: 4963

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.217 ug/L

RT: 6.448 min Scan# 1682

Delta R.T. 0.013 min

Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

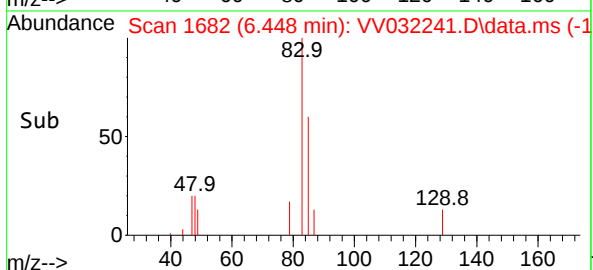
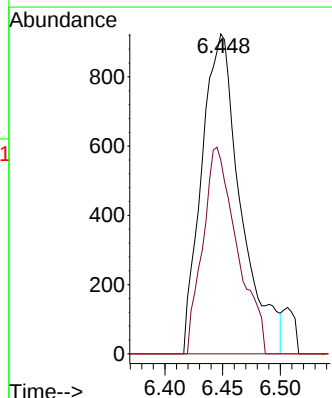
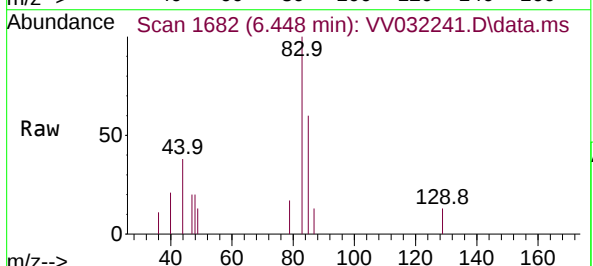
Tgt Ion: 83 Resp: 2180

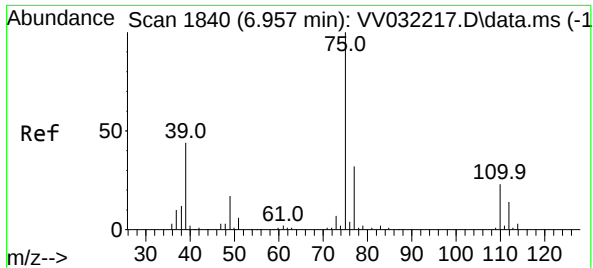
Ion Ratio Lower Upper

83 100

85 60.5 44.9 83.3

127 0.0 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

Instrument :

MSVOA_V

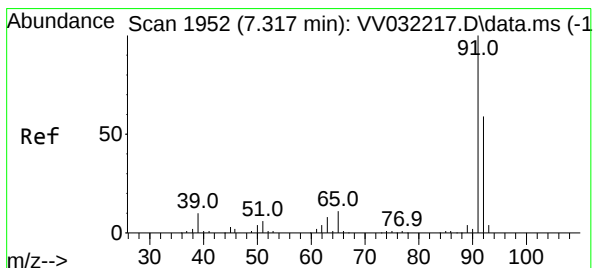
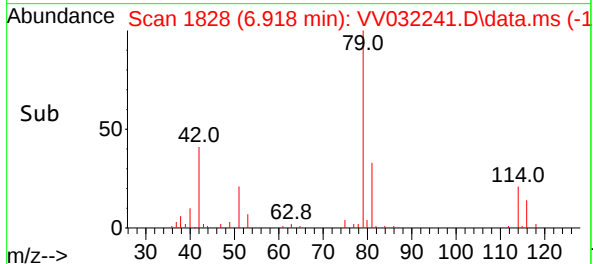
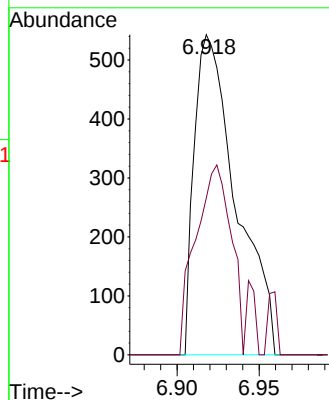
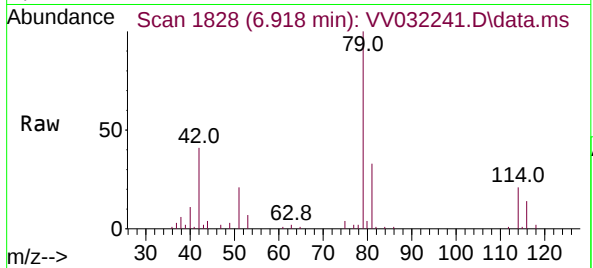
ClientSampleId :

Tgt Ion: 75 Resp: 963

Ion Ratio Lower Upper

75 100

77 49.0 22.2 41.2#



#42

Toluene

Concen: 0.150 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.013 min

Lab File: VV032241.D

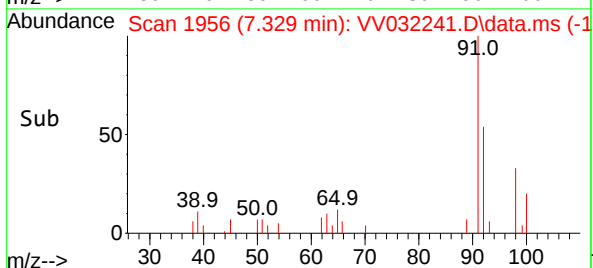
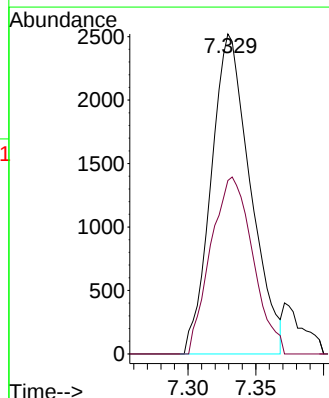
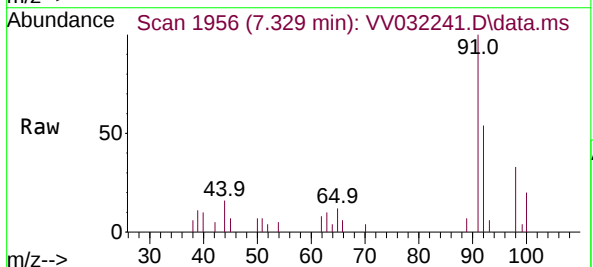
Acq: 04 Oct 2023 19:56

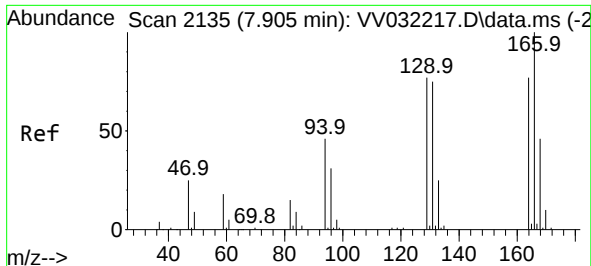
Tgt Ion: 91 Resp: 5060

Ion Ratio Lower Upper

91 100

92 54.2 40.8 75.8





#47

Tetrachloroethene

Concen: 0.177 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

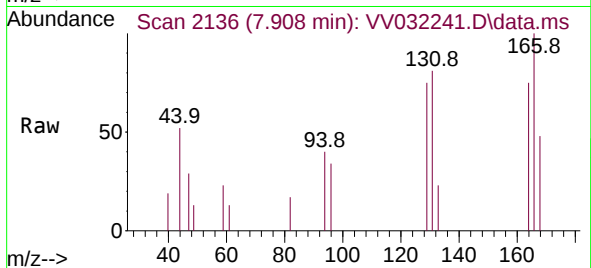
Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1160

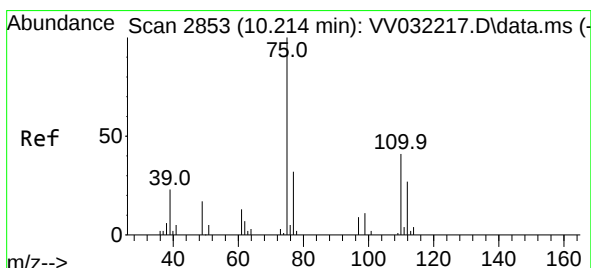
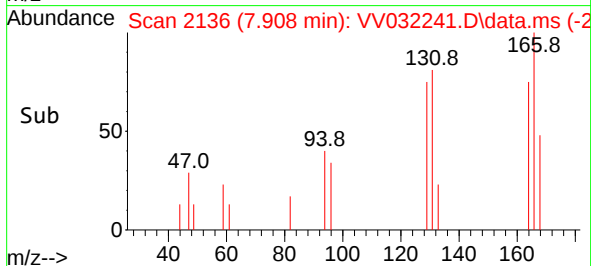
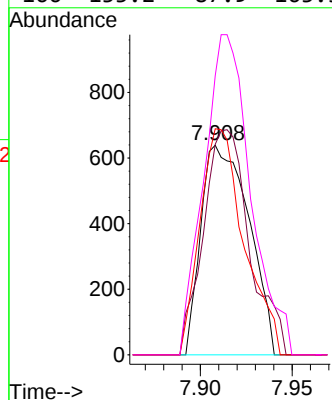
Ion Ratio Lower Upper

164 100

129 100.5 66.4 123.4

131 107.8 63.7 118.3

166 133.2 87.9 163.3



#61

1,2,3-Trichloropropane

Concen: 1.209 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032241.D

Acq: 04 Oct 2023 19:56

Tgt Ion: 75 Resp: 5532

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 0.4 30.6 46.0#

