

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032709.D
 Acq On : 28 Oct 2023 01:49
 Operator : SY/MD
 Sample : 05055-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 05:10:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

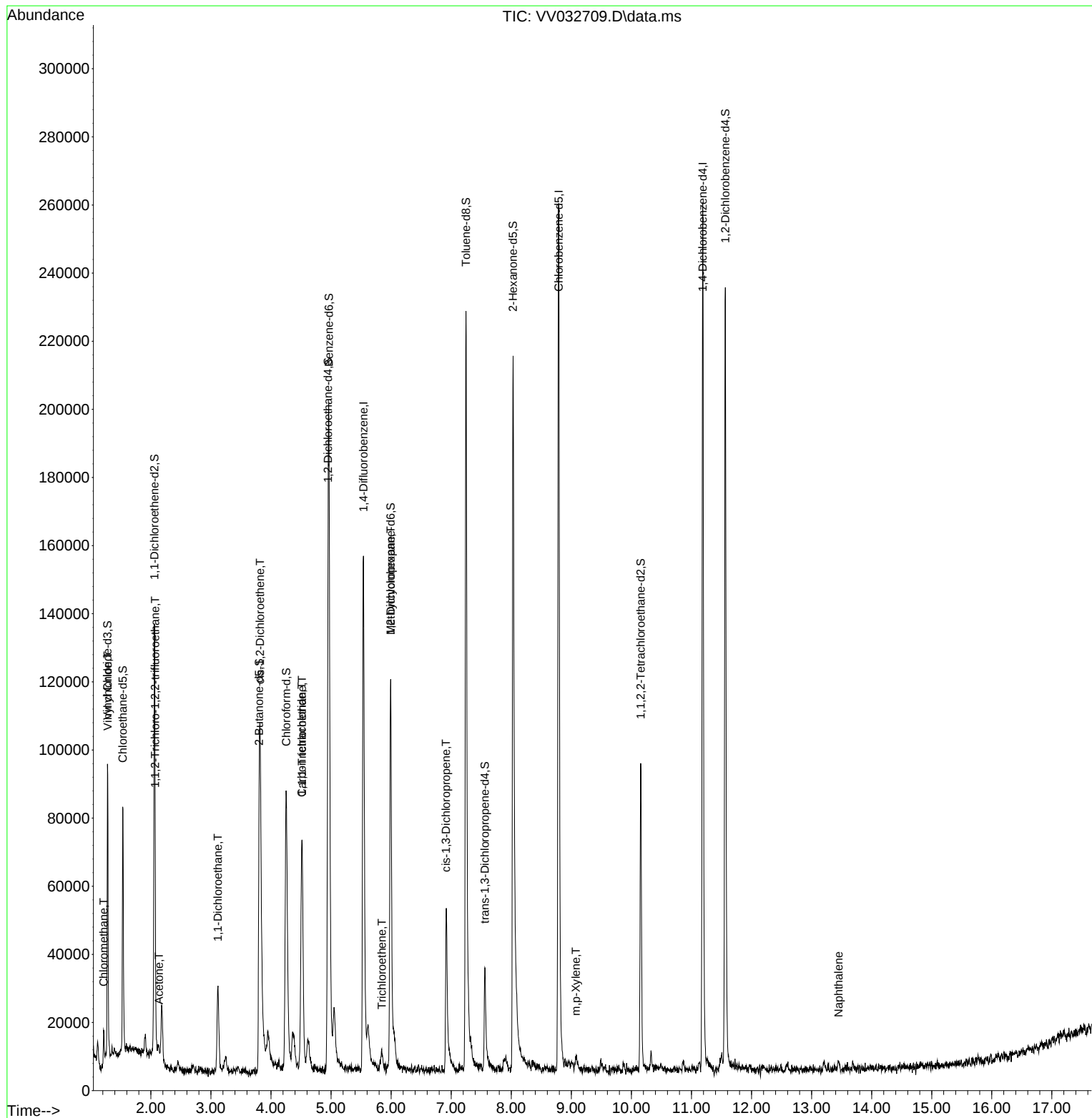
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	131552	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	151872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49592	4.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.532	69	44901	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.060	65	21248	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.802	46	92151	39.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.000%
24) Chloroform-d	4.253	84	88127	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.950	65	44641	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	4.963	84	179436	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	5.992	67	53972	5.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.246	98	160445	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.561	79	20942	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.030	63	73893	40.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	43972	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	57443	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	6997	0.439	ug/L	93
5) Vinyl chloride	1.282	62	9187	0.581	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	1805	0.144	ug/L #	68
13) Acetone	2.137	43	4351	1.889	ug/L	81
19) 1,1-Dichloroethane	3.118	63	26024	1.262	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	36897	3.130	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	56400	2.879	ug/L	100
31) Carbon tetrachloride	4.513	117	7712	0.453	ug/L	93
34) Trichloroethene	5.847	95	1152	0.090	ug/L #	62
35) Methylcyclohexane	5.992	83	13817	0.723	ug/L #	20
39) cis-1,3-Dichloropropene	6.915	75	1570	0.089	ug/L	88
53) m,p-Xylene	9.079	106	1402	0.063	ug/L	65
71) Naphthalene	13.451	128	1953	0.086	ug/L #	83

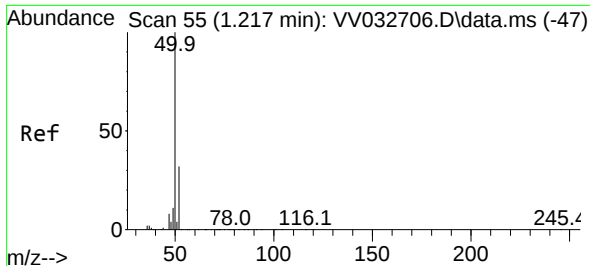
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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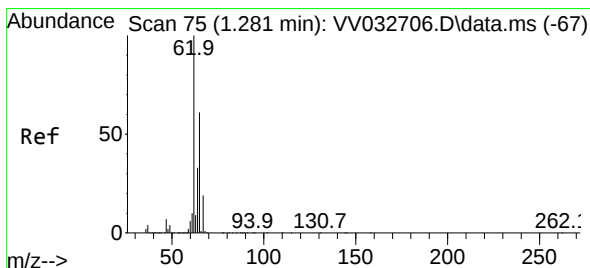
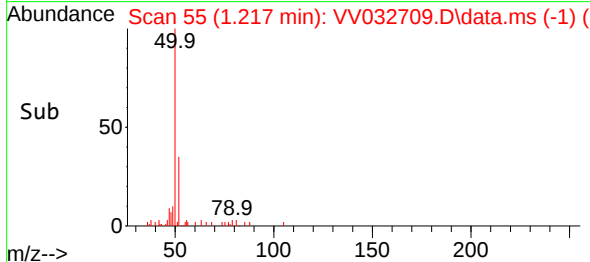
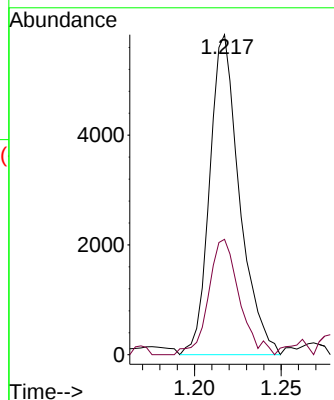
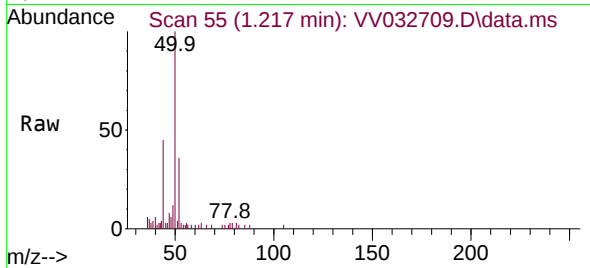




#3
Chloromethane
Concen: 0.439 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

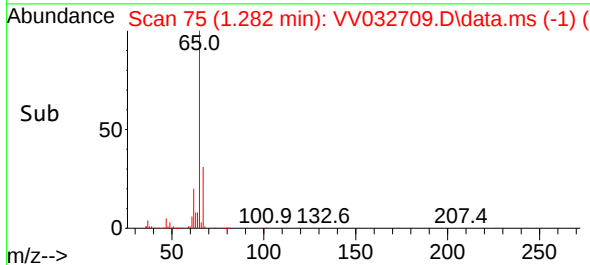
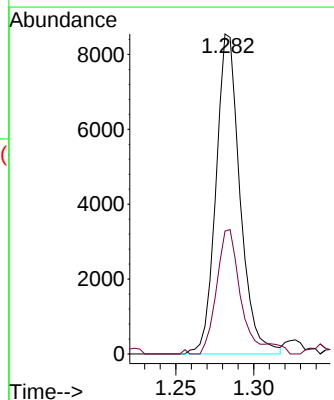
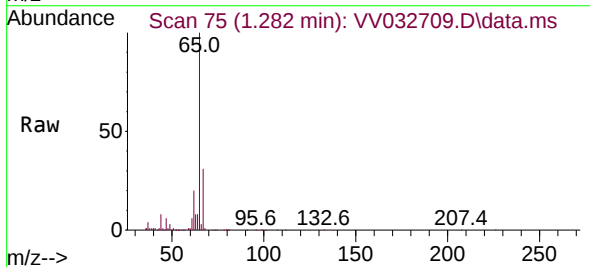
Instrument :
MSVOA_V
ClientSampleId :

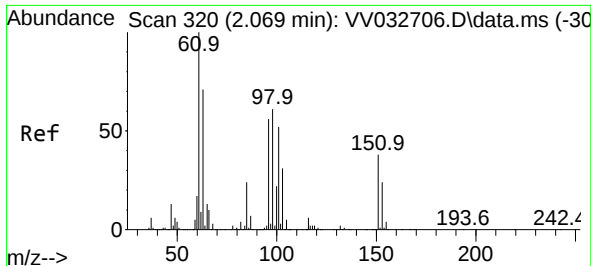
Tgt Ion: 50 Resp: 6997
Ion Ratio Lower Upper
50 100
52 36.0 22.3 41.5



#5
Vinyl chloride
Concen: 0.581 ug/L
RT: 1.282 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

Tgt Ion: 62 Resp: 9187
Ion Ratio Lower Upper
62 100
64 38.4 23.2 43.0

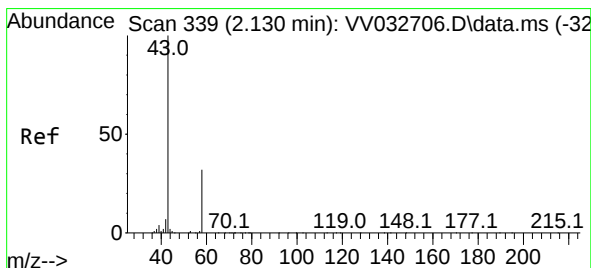
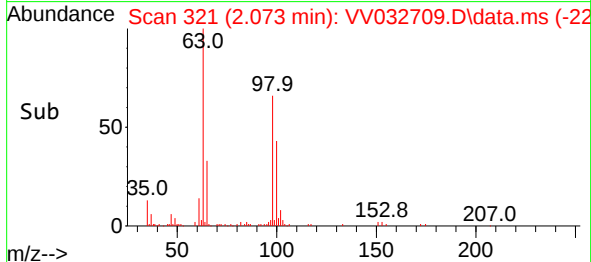
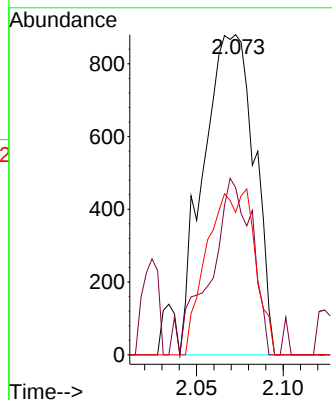
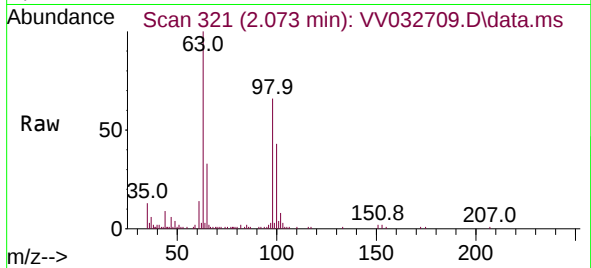




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.144 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

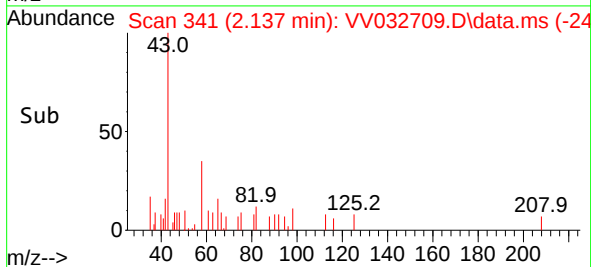
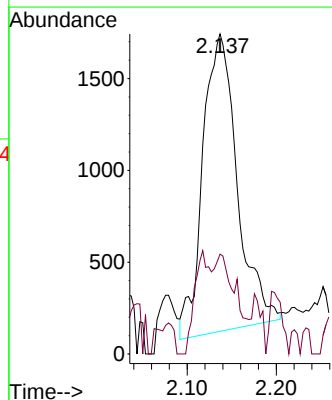
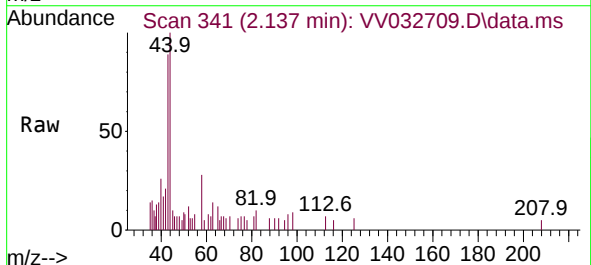
Instrument :
MSVOA_V
ClientSampleId :

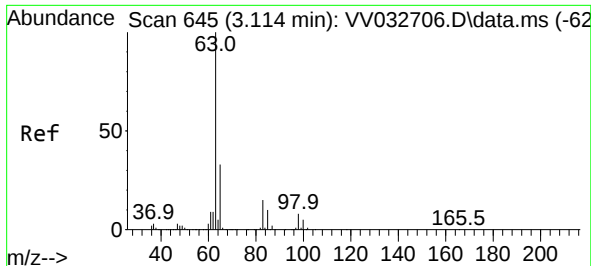
Tgt Ion:101 Resp: 1805
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.4
151 30.2 59.0 88.6#



#13
Acetone
Concen: 1.889 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.007 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

Tgt Ion: 43 Resp: 4351
Ion Ratio Lower Upper
43 100
58 16.0 0.0 50.6





#19

1,1-Dichloroethane

Concen: 1.262 ug/L

RT: 3.118 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV032709.D

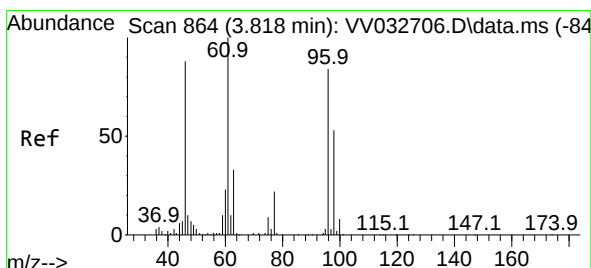
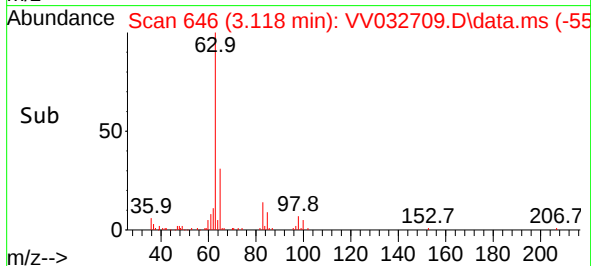
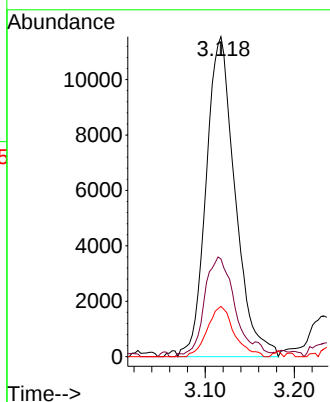
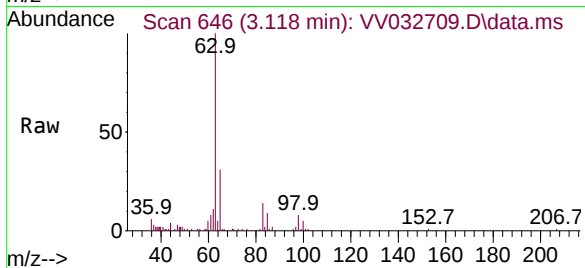
Acq: 28 Oct 2023 01:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	26024
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.5	39.9
83	15.7	9.2	17.0



#22

cis-1,2-Dichloroethene

Concen: 3.130 ug/L

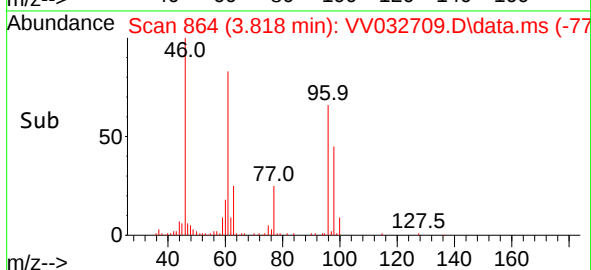
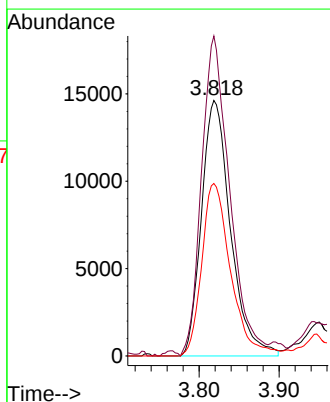
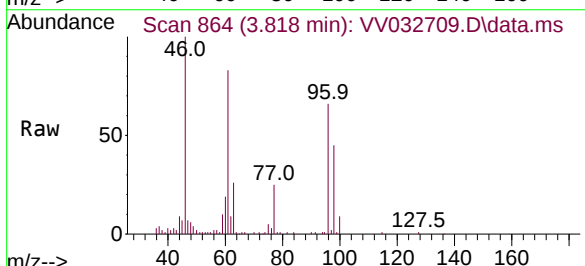
RT: 3.818 min Scan# 864

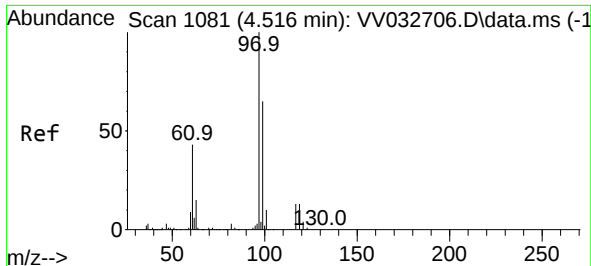
Delta R.T. 0.000 min

Lab File: VV032709.D

Acq: 28 Oct 2023 01:49

Tgt Ion:	96	Resp:	36897
Ion	Ratio	Lower	Upper
96	100		
61	125.2	87.7	162.9
98	67.5	45.0	83.6





#29

1,1,1-Trichloroethane

Concen: 2.879 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV032709.D

Acq: 28 Oct 2023 01:49

Instrument :

MSVOA_V

ClientSampleId :

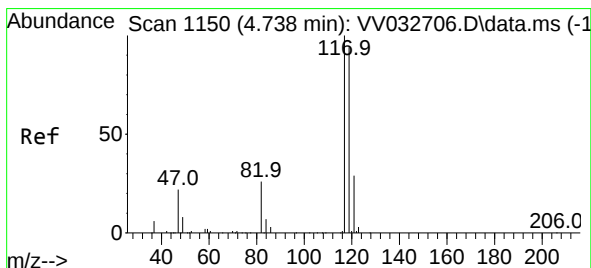
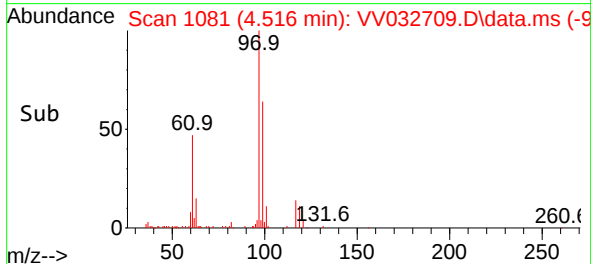
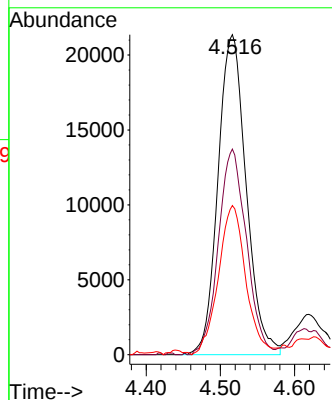
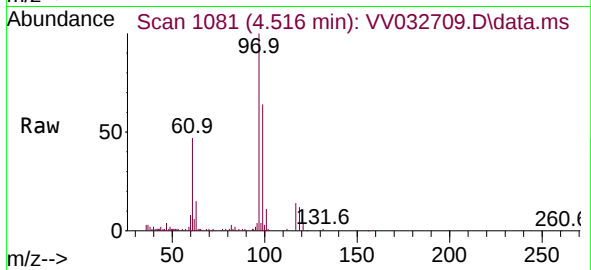
Tgt Ion: 97 Resp: 56400

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 45.3 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.453 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.225 min

Lab File: VV032709.D

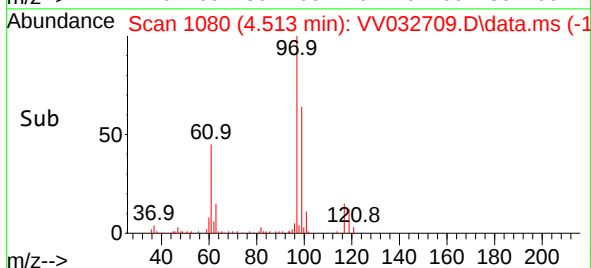
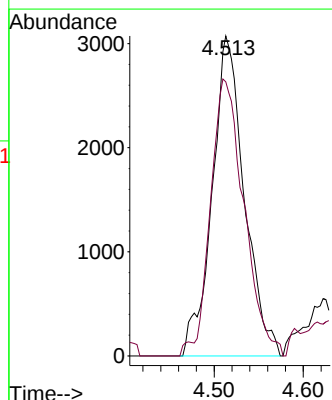
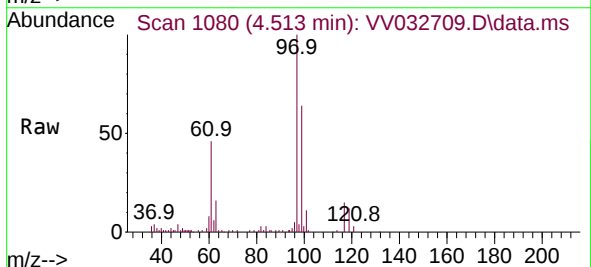
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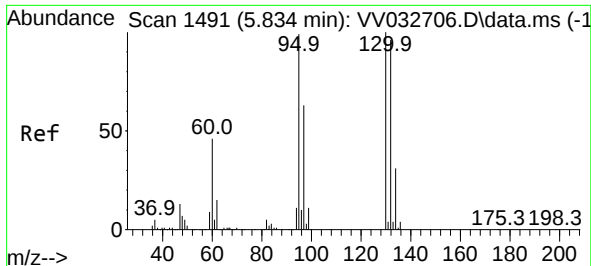
Tgt Ion: 117 Resp: 7712

Ion Ratio Lower Upper

117 100

119 90.1 77.8 116.6

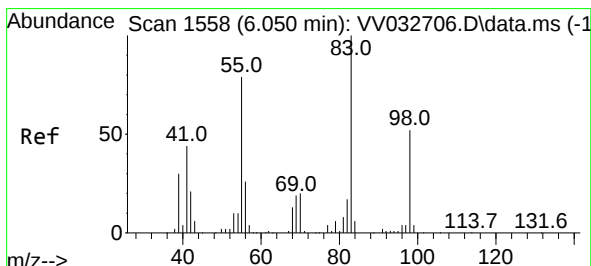
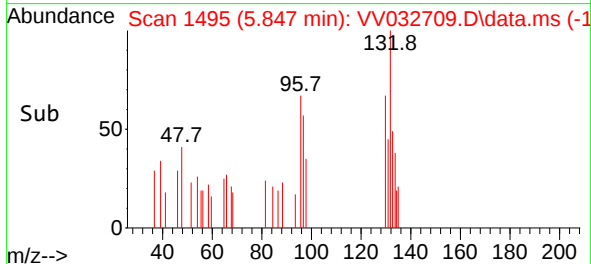
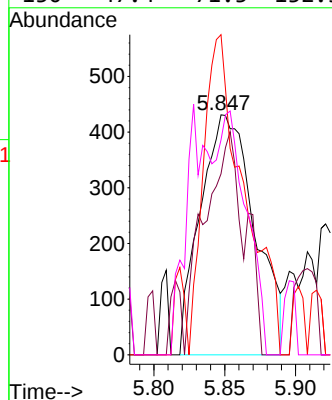
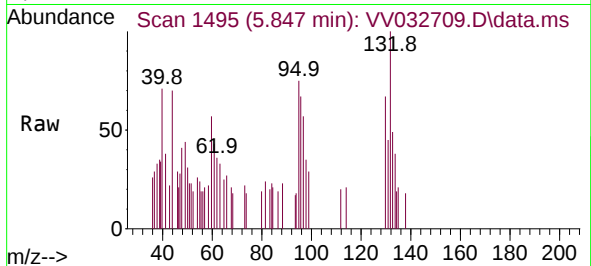




#34
Trichloroethene
Concen: 0.090 ug/L
RT: 5.847 min Scan# 1491
Delta R.T. 0.013 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

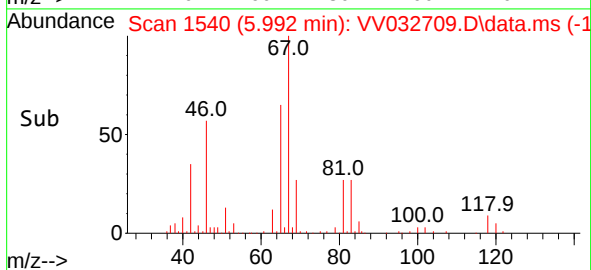
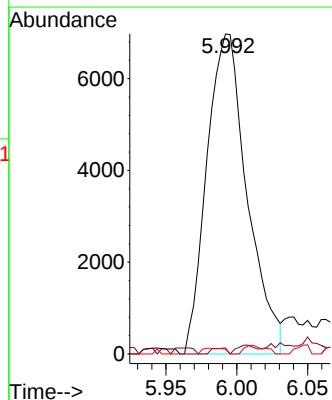
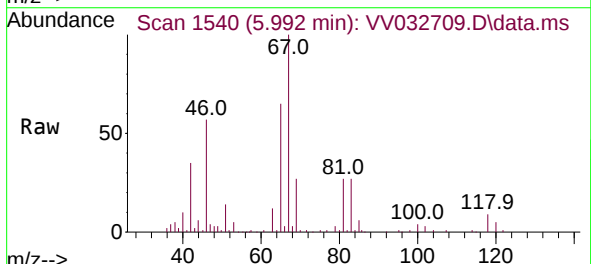
Instrument :
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ClientSampleId :

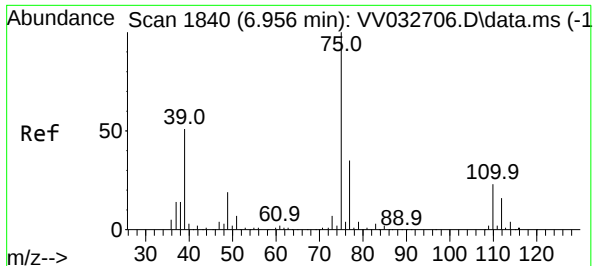
Tgt Ion: 95 Resp: 1152
Ion Ratio Lower Upper
95 100
97 39.9 44.0 81.8#
132 70.6 66.9 124.3
130 47.4 71.3 132.3#



#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

Tgt Ion: 83 Resp: 13817
Ion Ratio Lower Upper
83 100
55 0.6 59.6 89.4#
98 1.0 39.1 58.7#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV032709.D

Acq: 28 Oct 2023 01:49

Instrument :

MSVOA_V

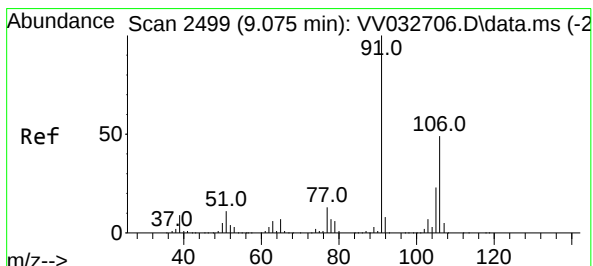
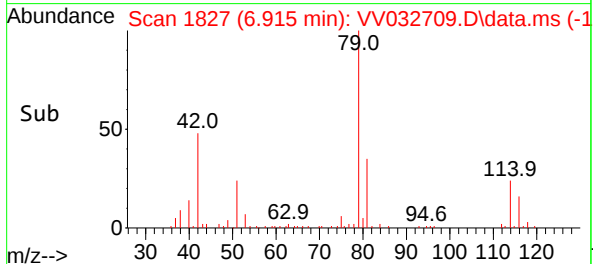
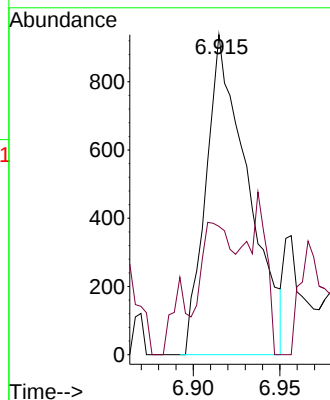
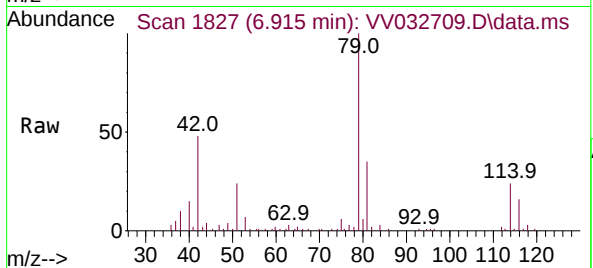
ClientSampleId :

Tgt Ion: 75 Resp: 1570

Ion Ratio Lower Upper

75 100

77 40.1 23.2 43.2



#53

m,p-Xylene

Concen: 0.063 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.003 min

Lab File: VV032709.D

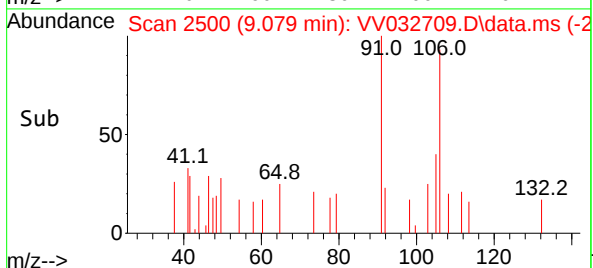
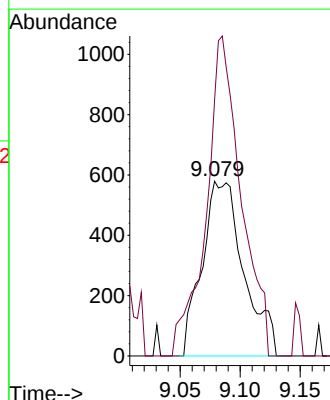
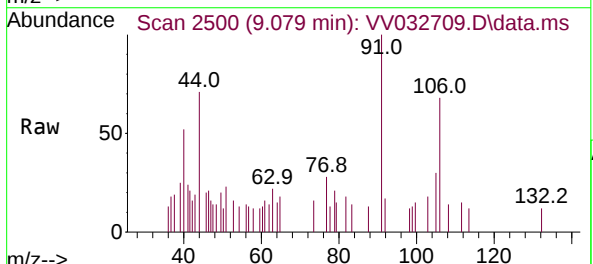
Acq: 28 Oct 2023 01:49

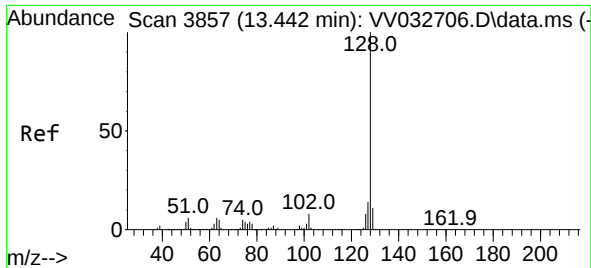
Tgt Ion: 106 Resp: 1402

Ion Ratio Lower Upper

106 100

91 146.6 139.3 258.7





#71
Naphthalene
Concen: 0.086 ug/L
RT: 13.451 min Scan# 3857
Delta R.T. 0.010 min
Lab File: VV032709.D
Acq: 28 Oct 2023 01:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1953
Ion Ratio Lower Upper
128 100
129 2.3 8.6 12.8#
127 8.1 10.4 15.6#

