

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102523\
 Data File : VW032633.D
 Acq On : 25 Oct 2023 15:14
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 05:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 26 04:59:52 2023
 Response via : Initial Calibration

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

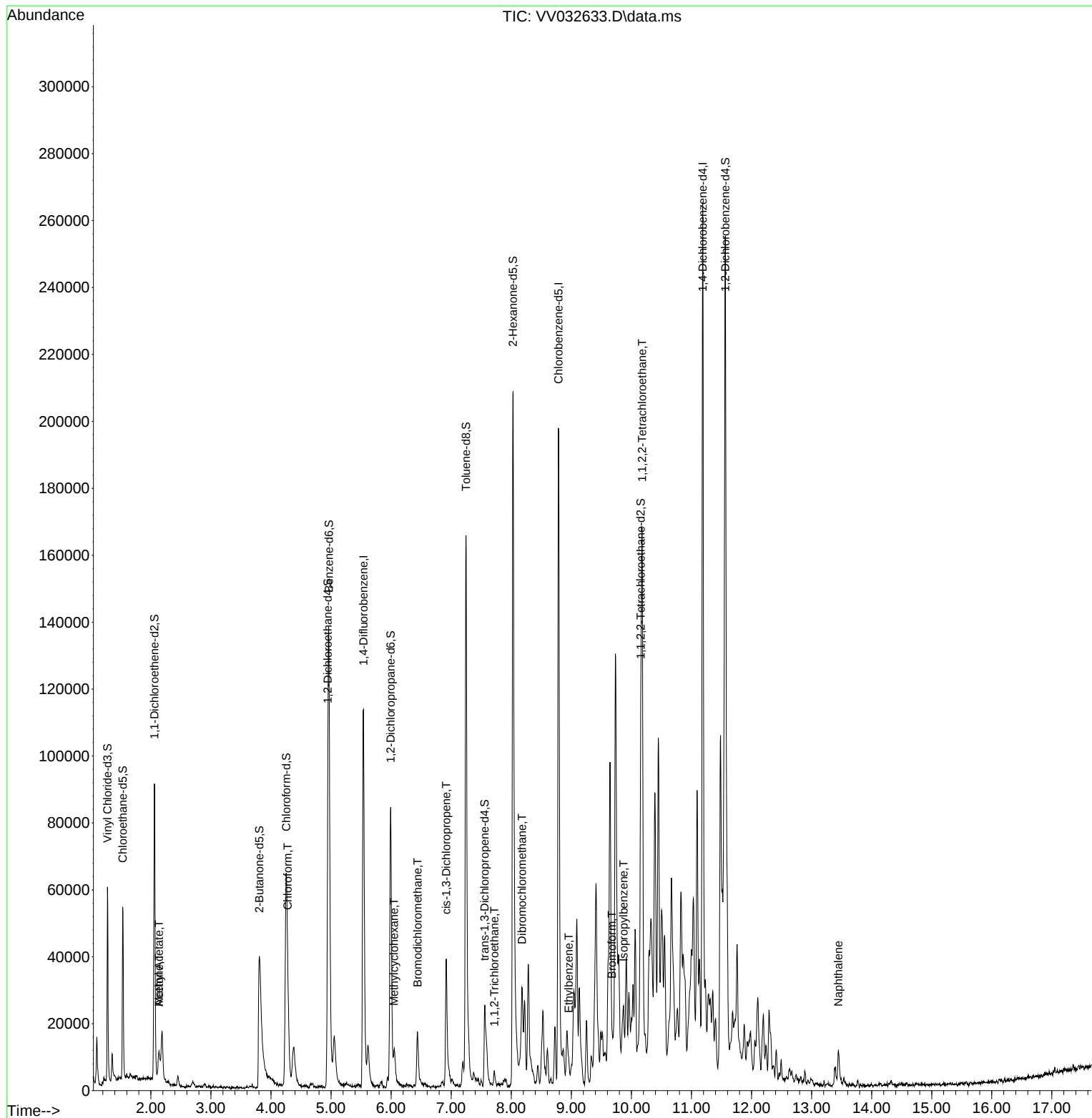
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	95899	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	112720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	59536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35855	4.597	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.532	69	32508	5.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.060	65	14297	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.805	46	86295	43.738	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.480%
24) Chloroform-d	4.252	84	62385	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.947	65	32142	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	124484	3.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	5.992	67	39398	3.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.246	98	116632	3.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.558	79	15321	3.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.030	63	75041	40.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39240	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	50846	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
13) Acetone	2.137	43	19304	12.694	ug/L	86
15) Methyl Acetate	2.137	43	18229	5.325	ug/L #	53
25) Chloroform	4.278	83	19642	1.321	ug/L	98
35) Methylcyclohexane	6.047	83	2186	0.130	ug/L #	47
38) Bromodichloromethane	6.439	83	11424	0.906	ug/L #	98
39) cis-1,3-Dichloropropene	6.918	75	1437	0.095	ug/L #	39
45) 1,1,2-Trichloroethane	7.718	97	1347	0.180	ug/L #	15
49) Dibromochloromethane	8.181	129	10637	1.365	ug/L	96
52) Ethylbenzene	8.956	91	2405	0.051	ug/L	87
57) 1,1,2,2-Tetrachloroethane	10.178	83	9612	1.167	ug/L #	36
59) Bromoform	9.673	173	2014	0.465	ug/L #	96
60) Isopropylbenzene	9.870	105	7567	0.164	ug/L	95
71) Naphthalene	13.445	128	6256	0.256	ug/L	98

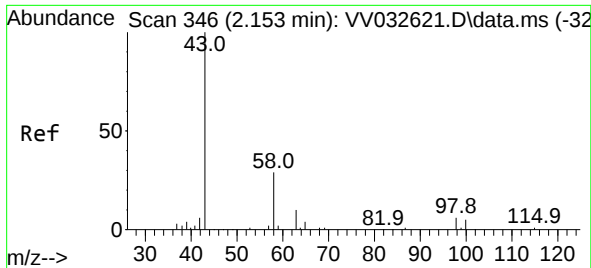
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032633.D
Acq On : 25 Oct 2023 15:14
Operator : SY/MD
Sample : 04992-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 26 05:03:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 26 04:59:52 2023
Response via : Initial Calibration





#13

Acetone

Concen: 12.694 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.016 min

Lab File: VV032633.D

Acq: 25 Oct 2023 15:14

Instrument :

MSVOA_V

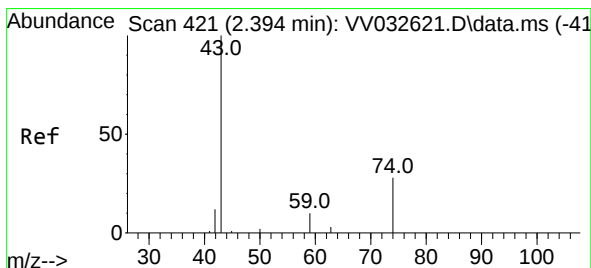
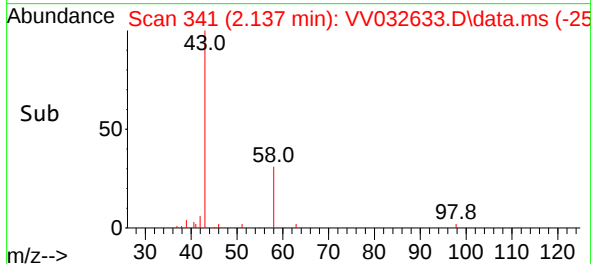
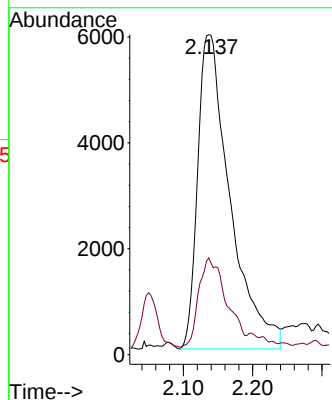
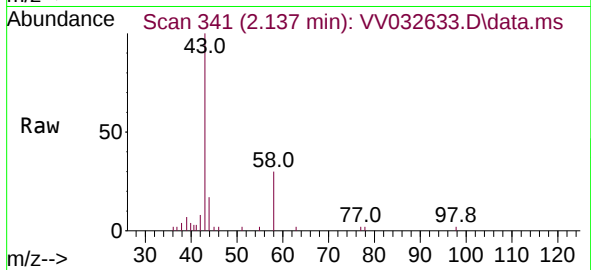
ClientSampleId :

Tgt Ion: 43 Resp: 19304

Ion Ratio Lower Upper

43 100

58 25.3 0.0 66.0



#15

Methyl Acetate

Concen: 5.325 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.257 min

Lab File: VV032633.D

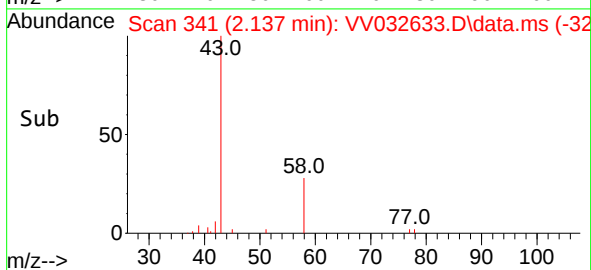
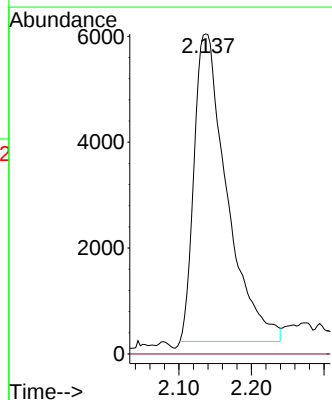
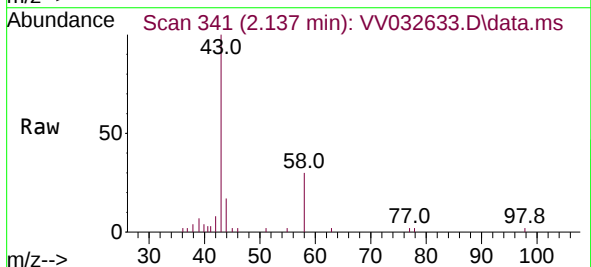
Acq: 25 Oct 2023 15:14

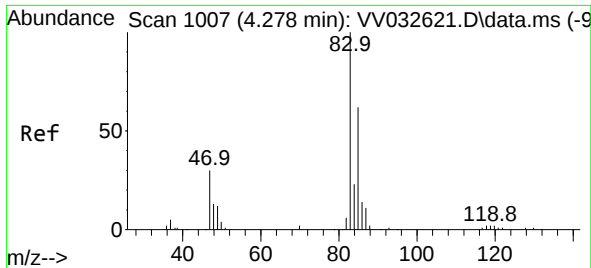
Tgt Ion: 43 Resp: 18229

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

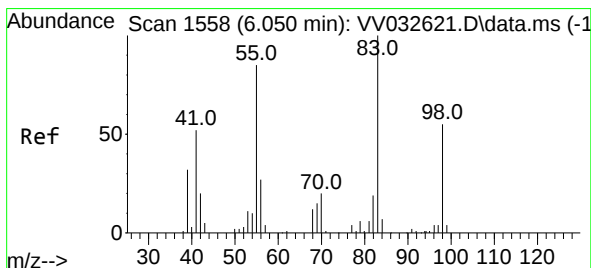
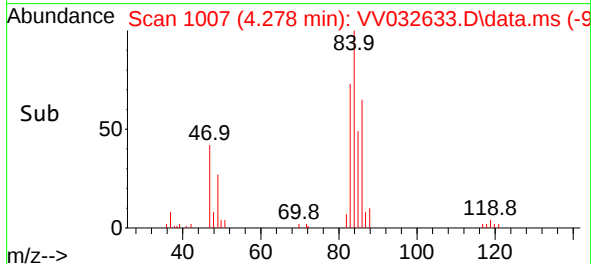
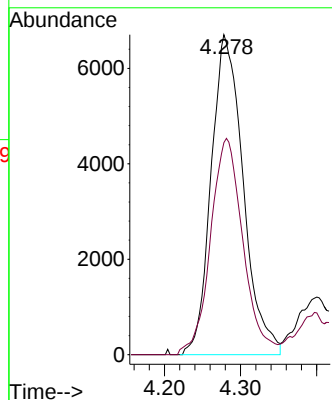
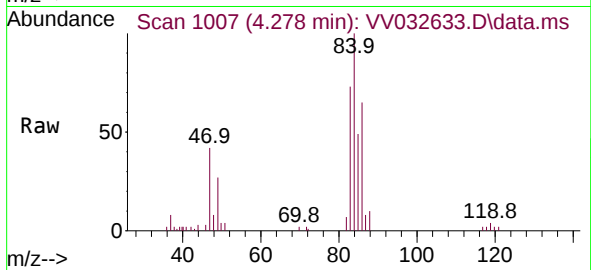




#25
Chloroform
Concen: 1.321 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

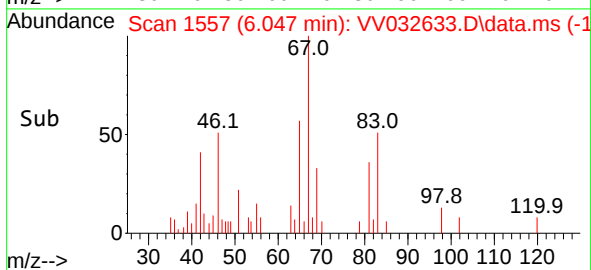
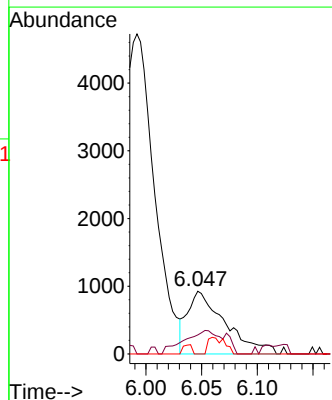
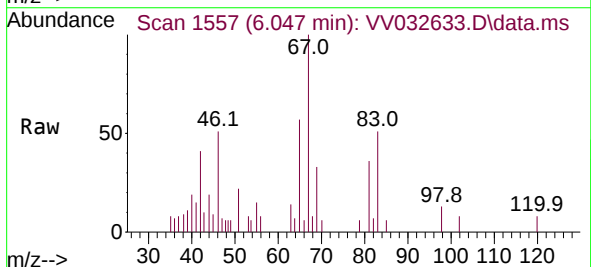
Instrument :
MSVOA_V
ClientSampleId :

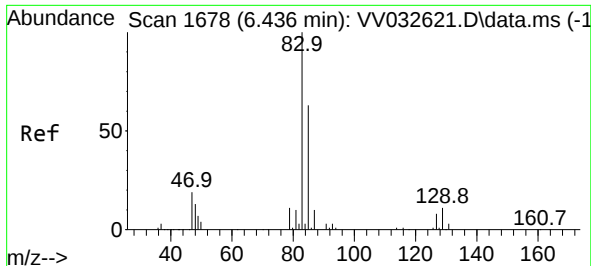
Tgt Ion: 83 Resp: 19642
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4



#35
Methylcyclohexane
Concen: 0.130 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

Tgt Ion: 83 Resp: 2186
Ion Ratio Lower Upper
83 100
55 34.4 64.2 96.2#
98 11.6 39.6 59.4#

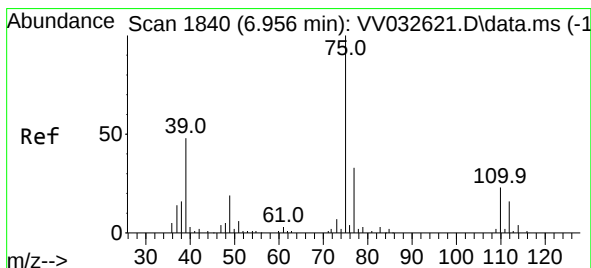
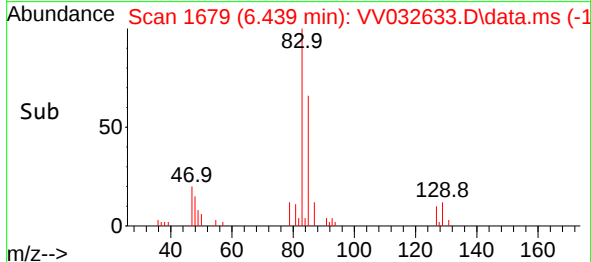
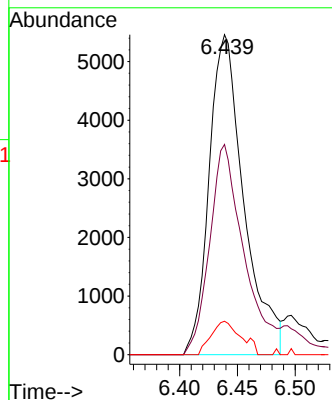
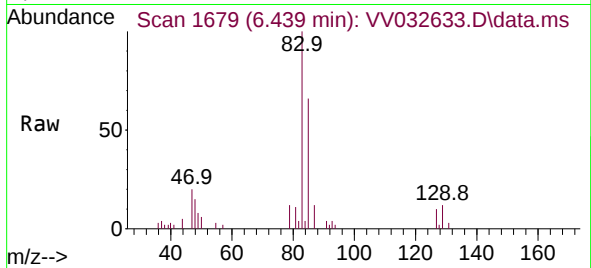




#38
Bromodichloromethane
Concen: 0.906 ug/L
RT: 6.439 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

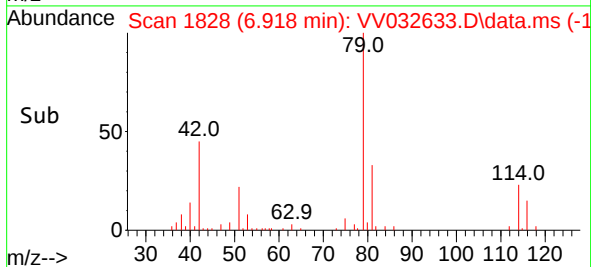
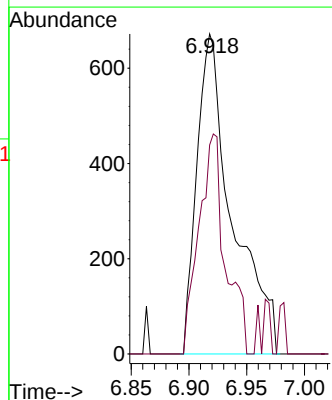
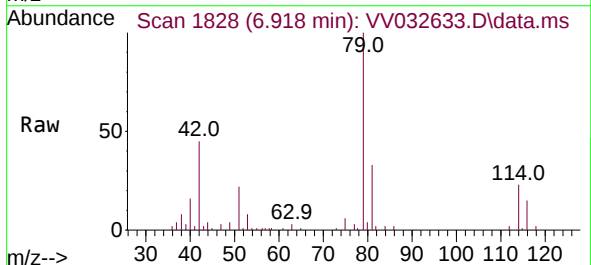
Instrument :
MSVOA_V
ClientSampleId :

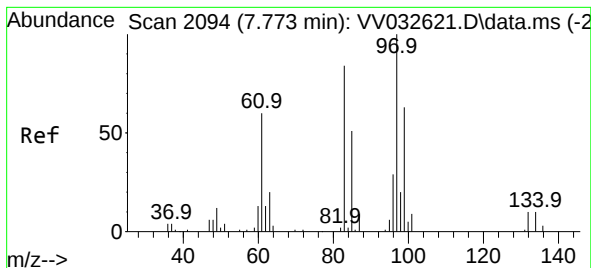
Tgt Ion: 83 Resp: 11424
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.3
127 10.4 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.039 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

Tgt Ion: 75 Resp: 1437
Ion Ratio Lower Upper
75 100
77 65.3 22.2 41.2#





#45

1,1,2-Trichloroethane

Concen: 0.180 ug/L

RT: 7.718 min Scan# 2094

Delta R.T. -0.055 min

Lab File: VV032633.D

Acq: 25 Oct 2023 15:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1347

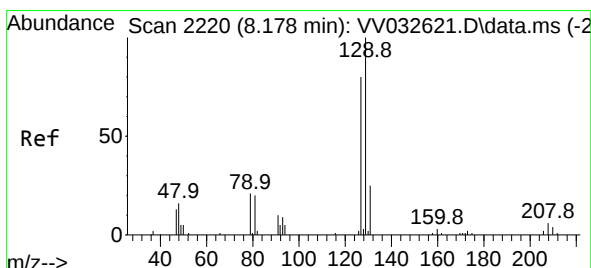
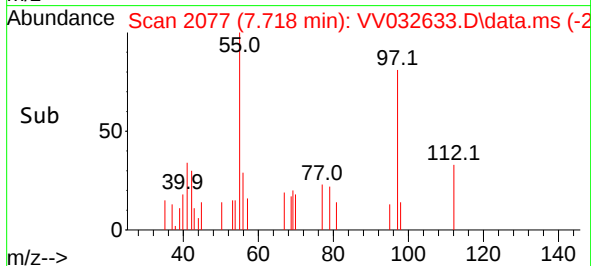
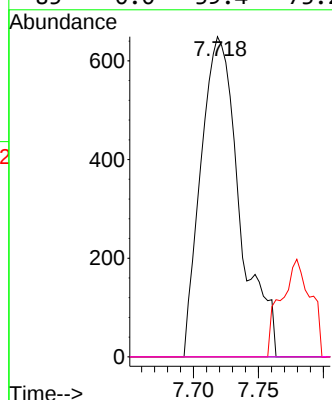
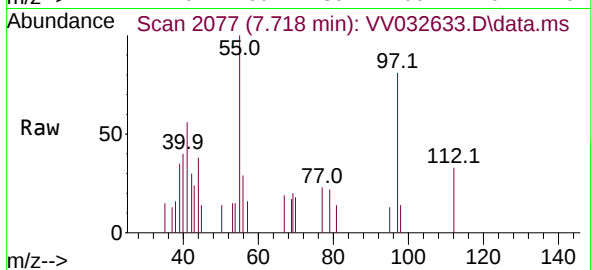
Ion Ratio Lower Upper

97 100

99 0.0 42.8 79.4#

83 0.0 60.9 113.1#

85 0.0 39.4 73.2#



#49

Dibromochloromethane

Concen: 1.365 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. 0.003 min

Lab File: VV032633.D

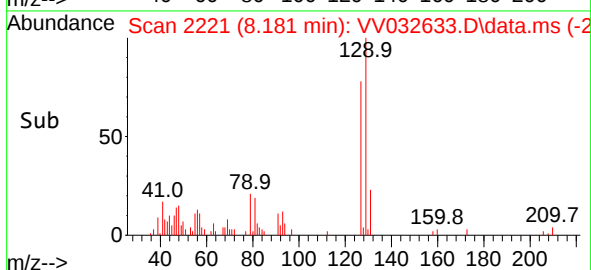
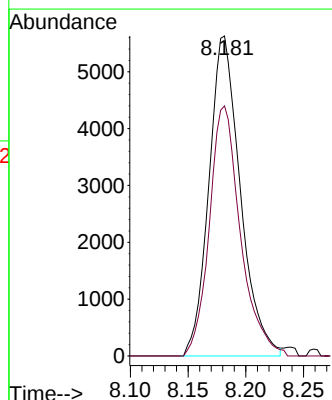
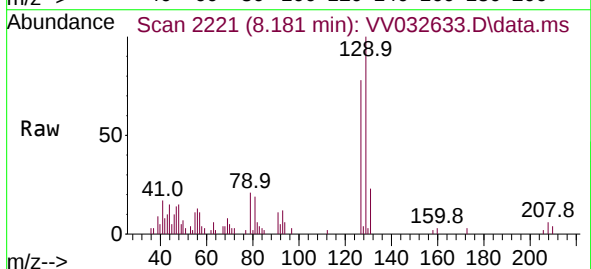
Acq: 25 Oct 2023 15:14

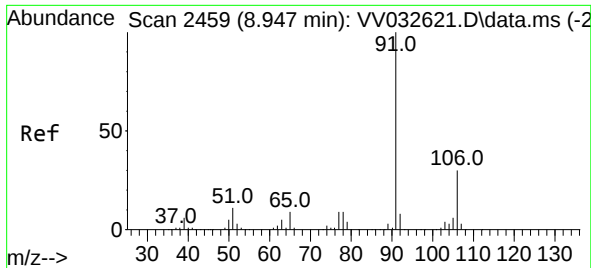
Tgt Ion: 129 Resp: 10637

Ion Ratio Lower Upper

129 100

127 78.1 57.2 106.2

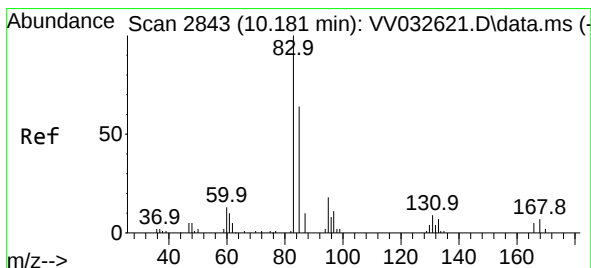
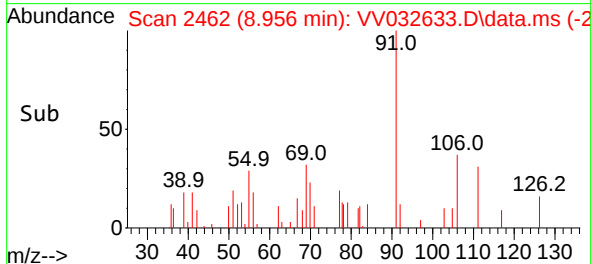
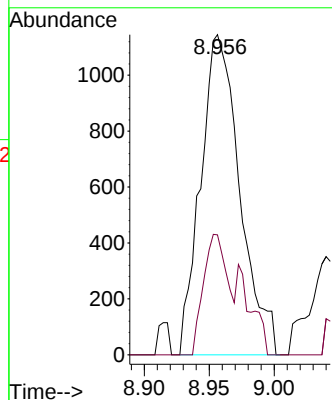
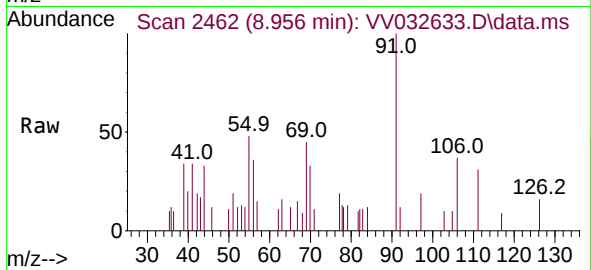




#52
Ethylbenzene
Concen: 0.051 ug/L
RT: 8.956 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

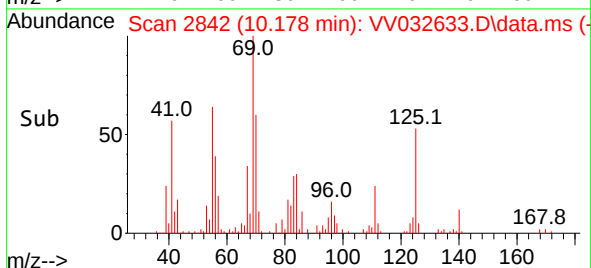
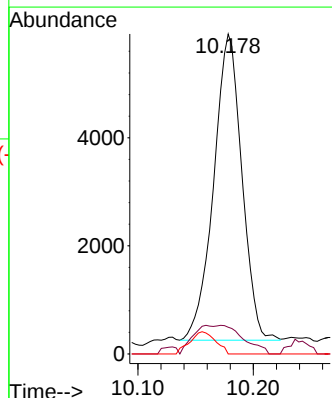
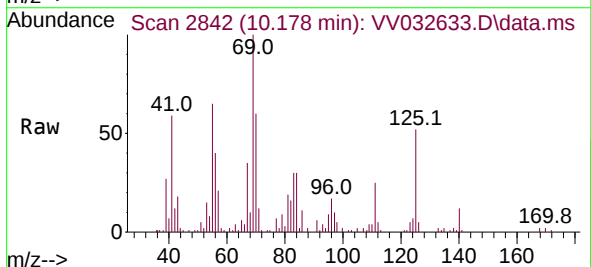
Instrument :
MSVOA_V
ClientSampleId :

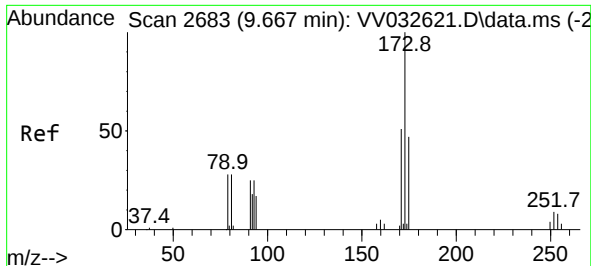
Tgt Ion: 91 Resp: 2405
Ion Ratio Lower Upper
91 100
106 37.5 21.3 39.5



#57
1,1,2,2-Tetrachloroethane
Concen: 1.167 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

Tgt Ion: 83 Resp: 9612
Ion Ratio Lower Upper
83 100
85 8.3 43.6 81.0#
131 0.0 7.0 10.6#





#59

Bromoform

Concen: 0.465 ug/L

RT: 9.673 min Scan# 2

Delta R.T. 0.006 min

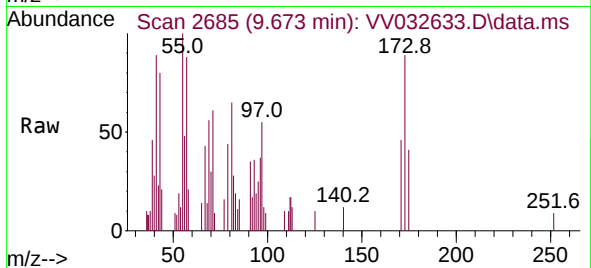
Lab File: VV032633.D

Acq: 25 Oct 2023 15:14

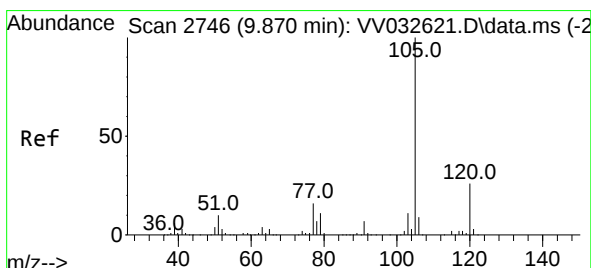
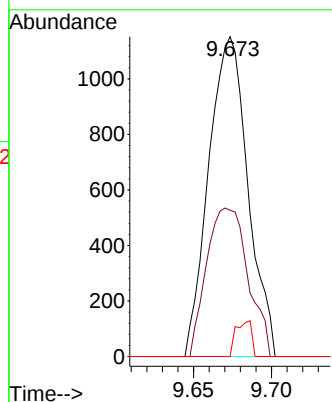
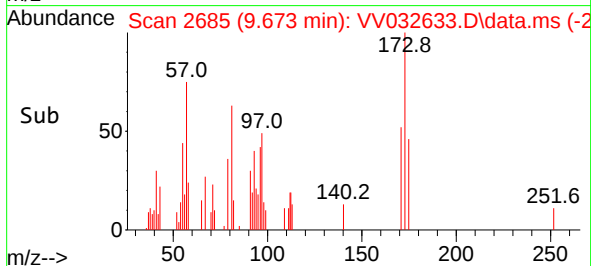
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	2014
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.2	57.2
254	4.4	7.0	10.4#



#60

Isopropylbenzene

Concen: 0.164 ug/L

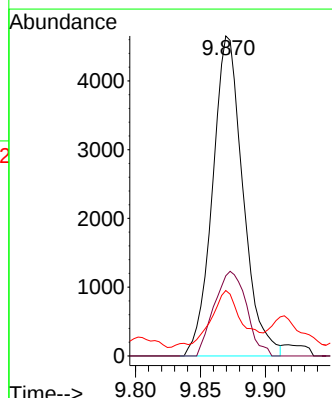
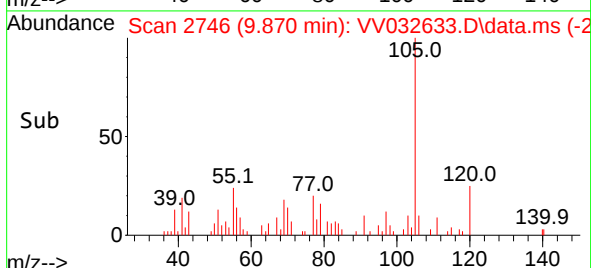
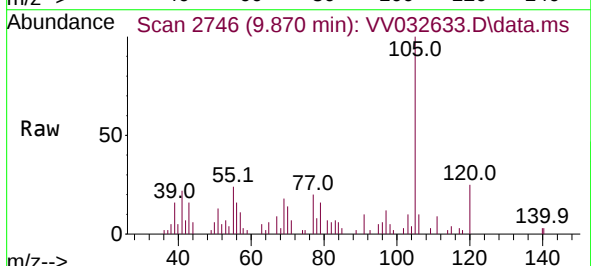
RT: 9.870 min Scan# 2746

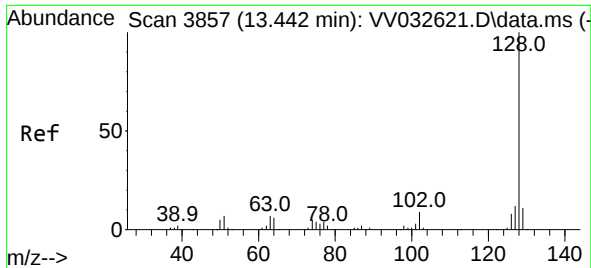
Delta R.T. -0.000 min

Lab File: VV032633.D

Acq: 25 Oct 2023 15:14

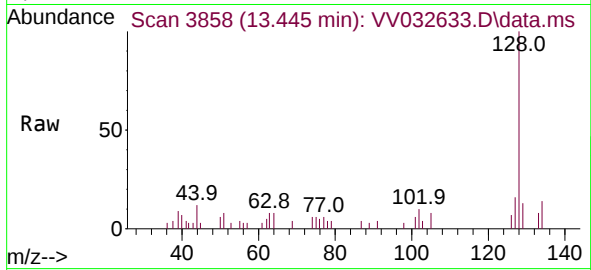
Tgt Ion:	105	Resp:	7567
Ion	Ratio	Lower	Upper
105	100		
120	28.1	21.0	31.6
77	18.5	12.6	19.0





#71
Naphthalene
Concen: 0.256 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032633.D
Acq: 25 Oct 2023 15:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 6256
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 13.6 10.2 15.2

