

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038272.D
 Acq On : 22 Nov 2024 15:54
 Operator : SY/MD
 Sample : P4884-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

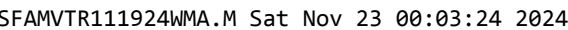
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	231887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	259437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105156	5.000	ug/L	0.00

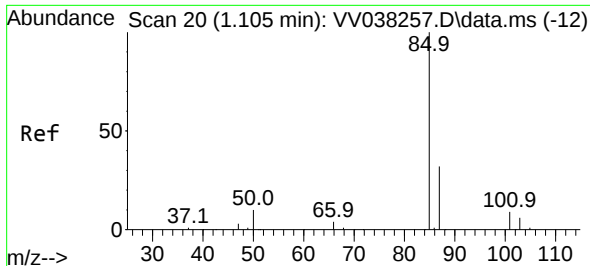
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66498	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.529	69	66530	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.053	65	30338	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.783	46	194425	54.682	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.360%
24) Chloroform-d	4.240	84	165044	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.937	65	82846	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.950	84	276877	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.982	67	98207	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.239	98	213224	3.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	7.558	79	27060	3.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.018	63	156694	52.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86712	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	90539	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4505	0.205	ug/L	94
13) Acetone	1.854	43	1307340	497.148	ug/L	41
15) Methyl Acetate	2.111	43	15693	2.457	ug/L #	47
16) Methylene chloride	2.439	84	21418	1.134	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	19600	0.523	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	12911	0.716	ug/L	97
27) 1,2-Dichloroethane	5.056	62	3998	0.217	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	23149	0.744	ug/L	98
34) Trichloroethene	5.825	95	228371	11.496	ug/L	99
35) Methylcyclohexane	5.982	83	23295	0.829	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10249	0.561	ug/L #	87
47) Tetrachloroethene	7.895	164	221467	13.874	ug/L	99
49) Dibromochloromethane	7.895	129	200171	12.402	ug/L #	11
51) Chlorobenzene	8.815	112	8996	0.169	ug/L	94
61) 1,2,3-Trichloropropane	11.178	75	12580	1.397	ug/L #	65

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

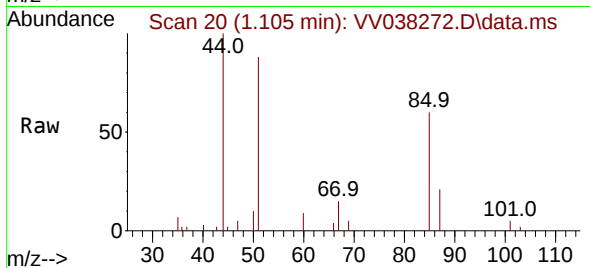
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration



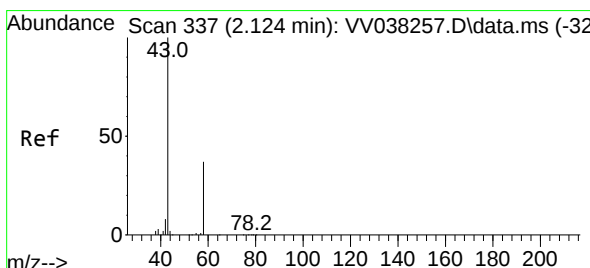
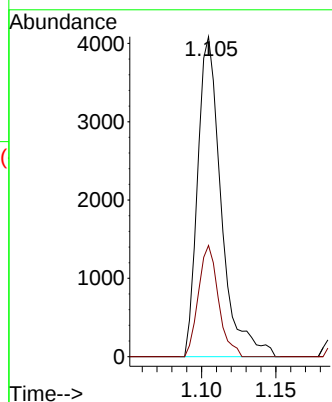
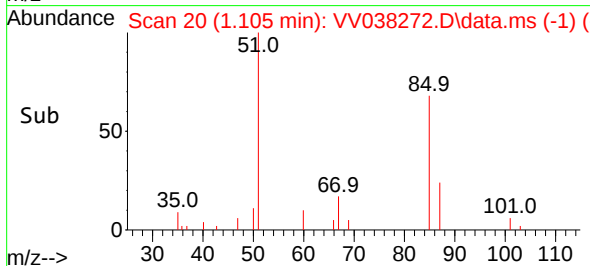


#2
 Dichlorodifluoromethane
 Concen: 0.205 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038272.D
 Acq: 22 Nov 2024 15:54

Instrument :
 MSVOA_V
 ClientSampleId :

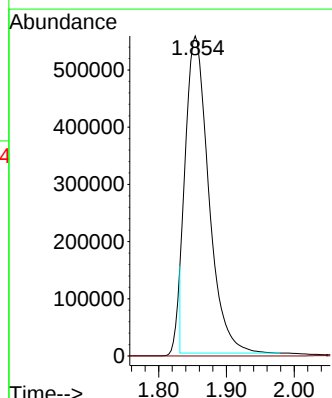
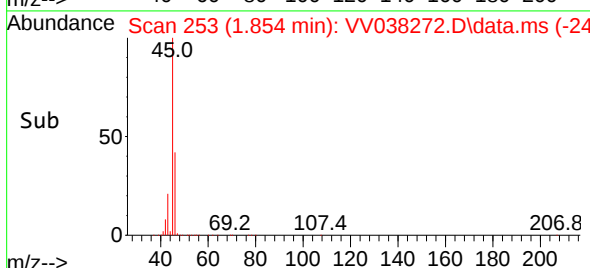
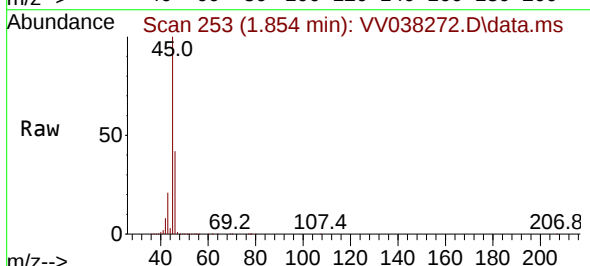


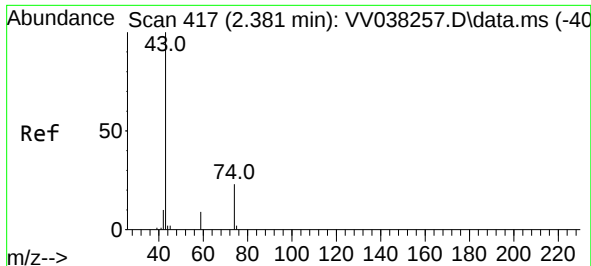
Tgt Ion: 85 Resp: 4505
 Ion Ratio Lower Upper
 85 100
 87 29.6 26.5 39.7



#13
 Acetone
 Concen: 497.148 ug/L
 RT: 1.854 min Scan# 253
 Delta R.T. -0.270 min
 Lab File: VV038272.D
 Acq: 22 Nov 2024 15:54

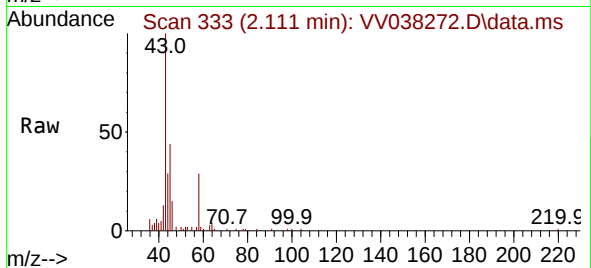
Tgt Ion: 43 Resp: 1307340
 Ion Ratio Lower Upper
 43 100
 58 0.1 0.0 67.2



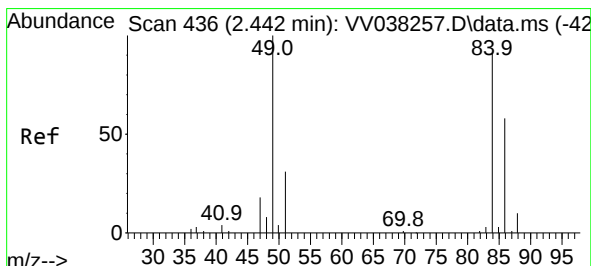
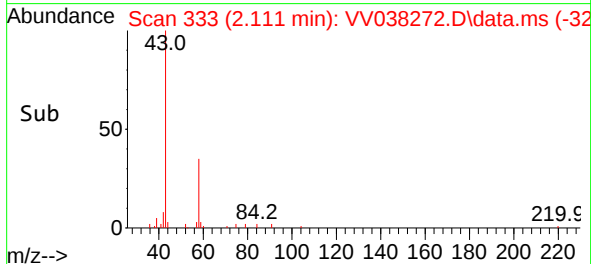
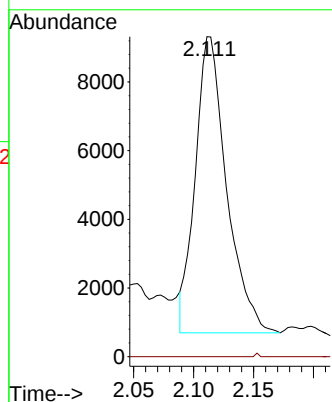


#15
Methyl Acetate
Concen: 2.457 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.270 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Instrument :
MSVOA_V
ClientSampleId :

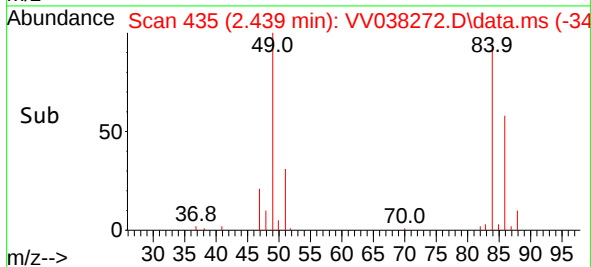
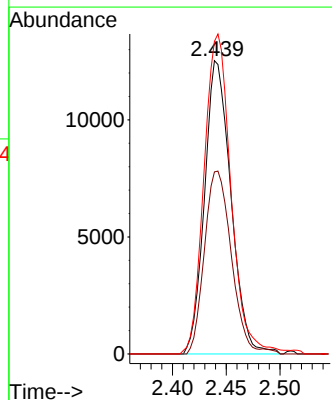
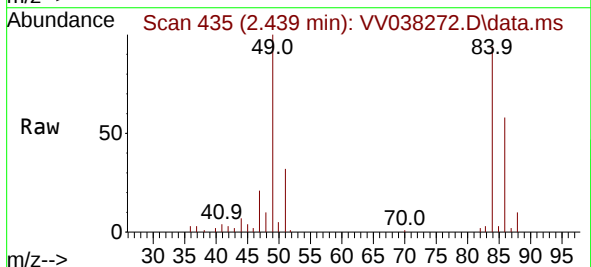


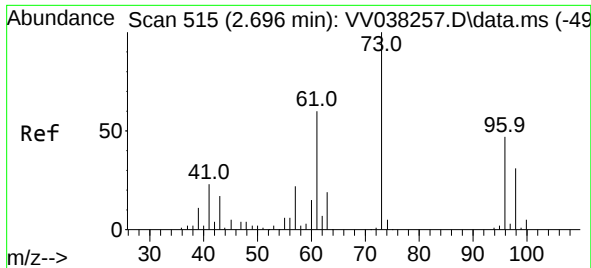
Tgt Ion: 43 Resp: 15693
Ion Ratio Lower Upper
43 100
74 0.1 22.4 33.6#



#16
Methylene chloride
Concen: 1.134 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Tgt Ion: 84 Resp: 21418
Ion Ratio Lower Upper
84 100
86 62.1 44.2 82.2
49 106.6 74.9 139.1

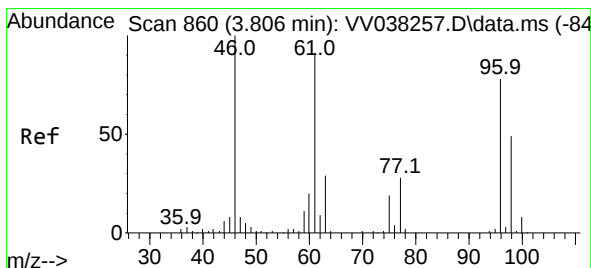
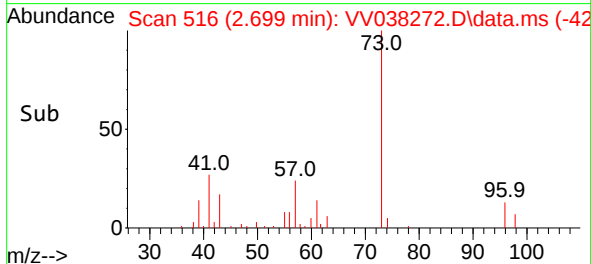
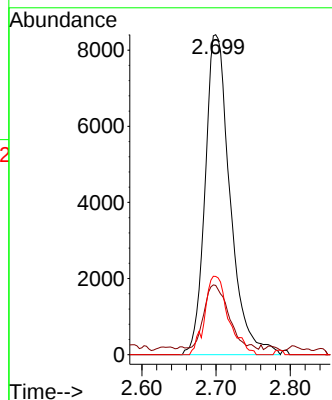
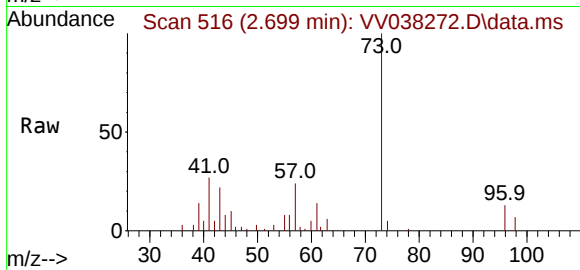




#17
Methyl tert-butyl Ether
Concen: 0.523 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

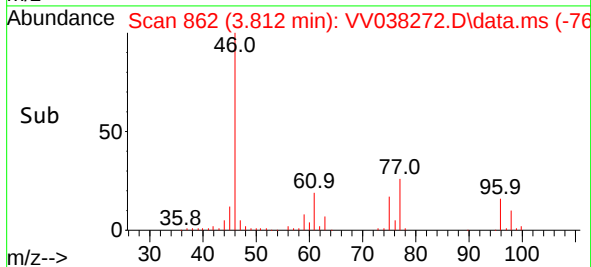
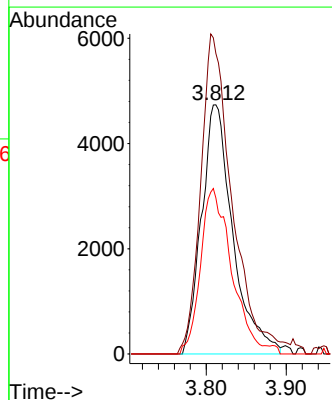
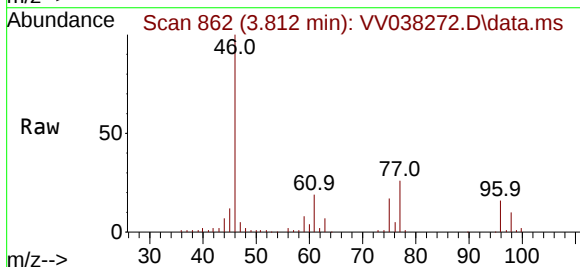
Instrument :
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ClientSampleId :

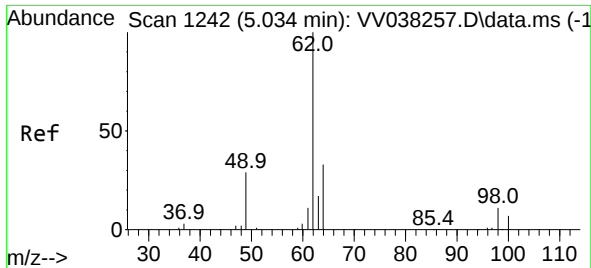
Tgt Ion: 73 Resp: 19600
Ion Ratio Lower Upper
73 100
43 20.1 14.2 21.2
57 23.4 17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 0.716 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Tgt Ion: 96 Resp: 12911
Ion Ratio Lower Upper
96 100
61 120.6 82.7 153.5
98 62.6 46.3 85.9

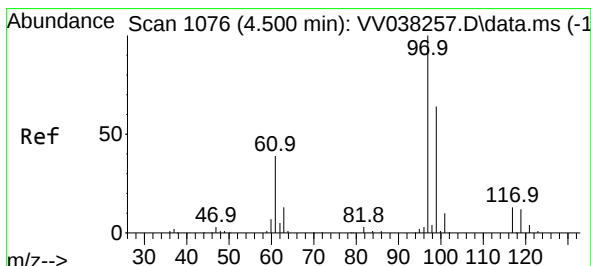
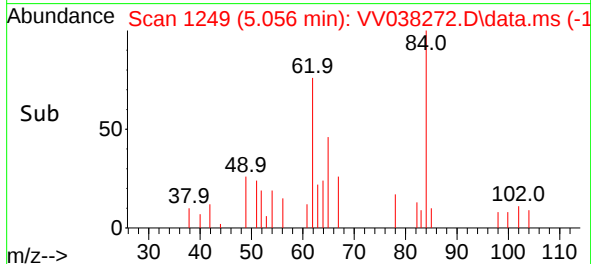
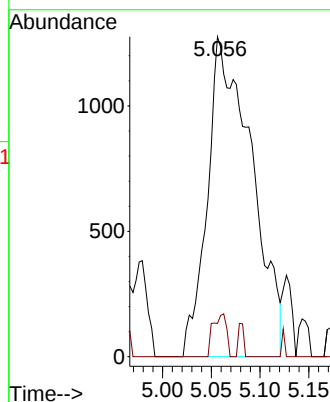
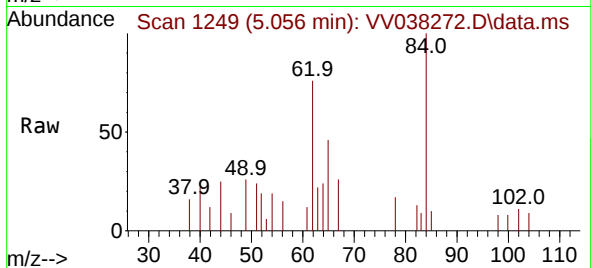




#27
1,2-Dichloroethane
Concen: 0.217 ug/L
RT: 5.056 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

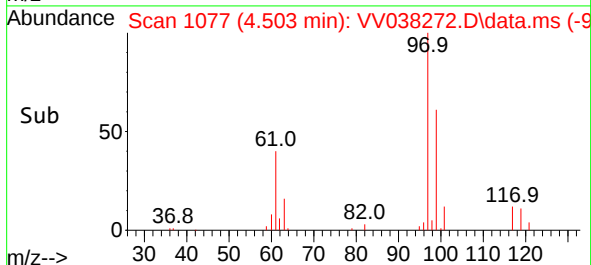
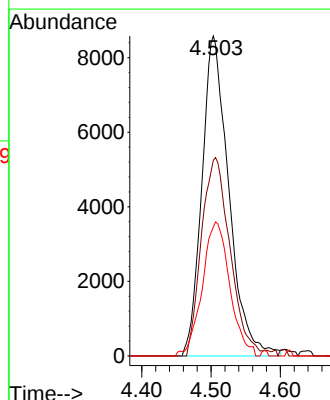
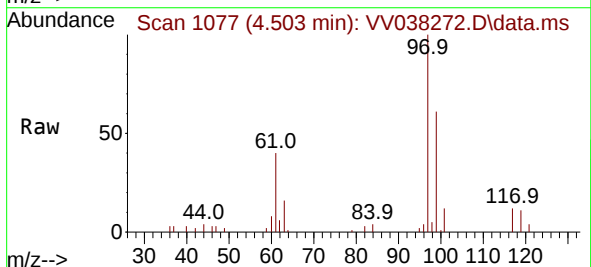
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MSVOA_V
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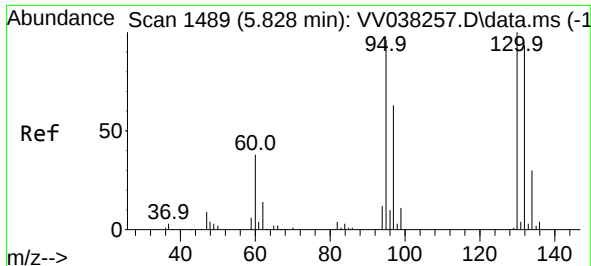
Tgt Ion: 62 Resp: 3998
Ion Ratio Lower Upper
62 100
98 10.4 8.2 12.4



#29
1,1,1-Trichloroethane
Concen: 0.744 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038272.D
Acq: 22 Nov 2024 15:54

Tgt Ion: 97 Resp: 23149
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.8
61 42.7 32.2 48.2





#34

Trichloroethene

Concen: 11.496 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV038272.D

Acq: 22 Nov 2024 15:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 228371

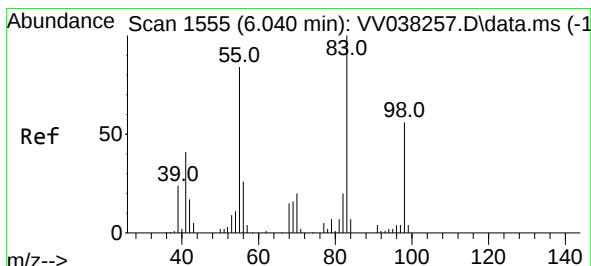
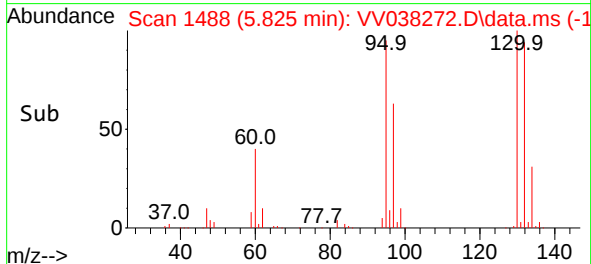
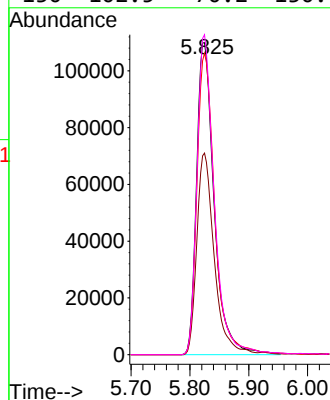
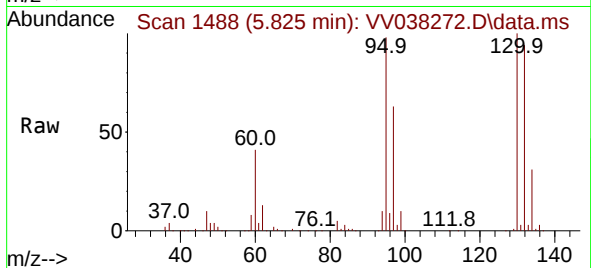
Ion Ratio Lower Upper

95 100

97 64.6 44.8 83.2

132 96.7 68.3 126.8

130 102.5 70.2 130.4



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038272.D

Acq: 22 Nov 2024 15:54

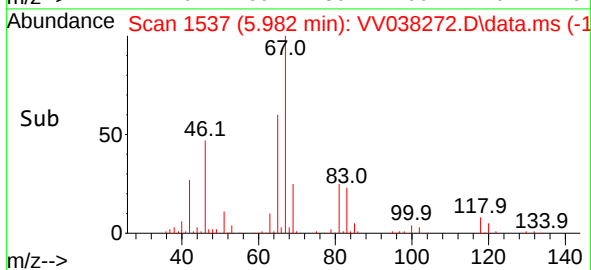
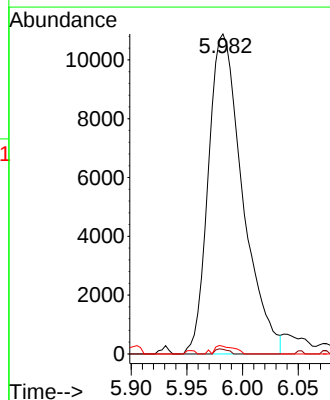
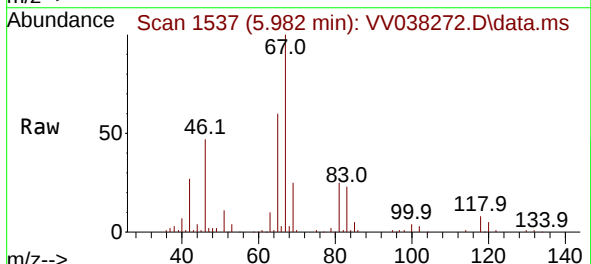
Tgt Ion: 83 Resp: 23295

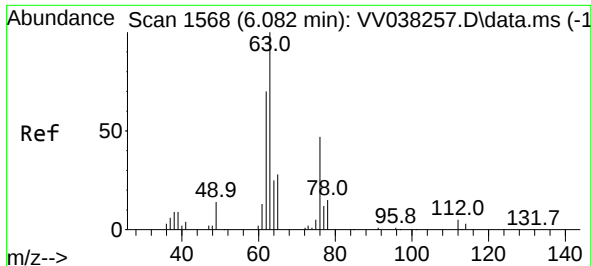
Ion Ratio Lower Upper

83 100

55 0.6 59.7 89.5#

98 1.5 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV038272.D

Acq: 22 Nov 2024 15:54

Instrument :

MSVOA_V

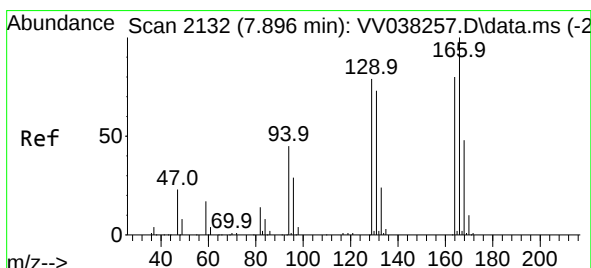
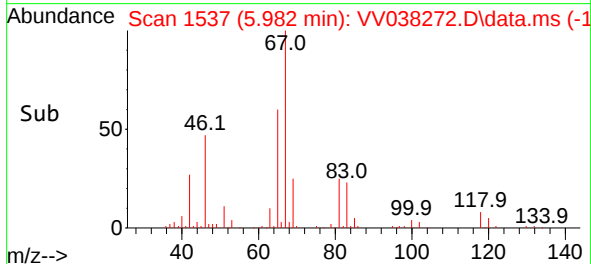
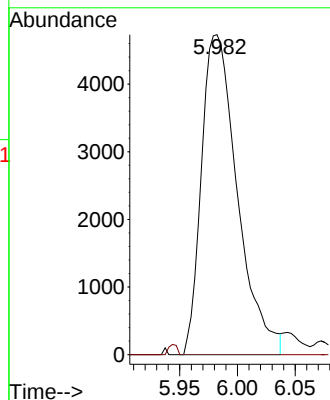
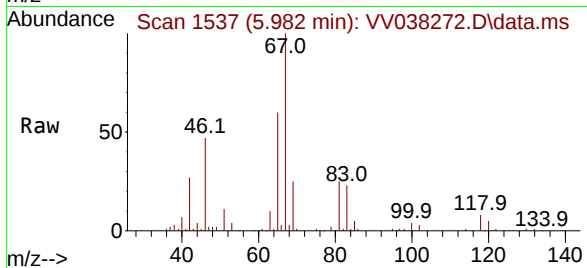
ClientSampleId :

Tgt Ion: 63 Resp: 10249

Ion Ratio Lower Upper

63 100

112 0.8 3.9 5.9#



#47

Tetrachloroethene

Concen: 13.874 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038272.D

Acq: 22 Nov 2024 15:54

Tgt Ion:164 Resp: 221467

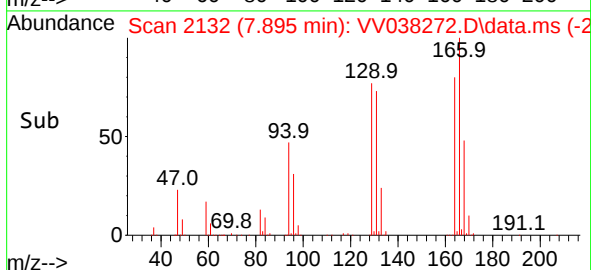
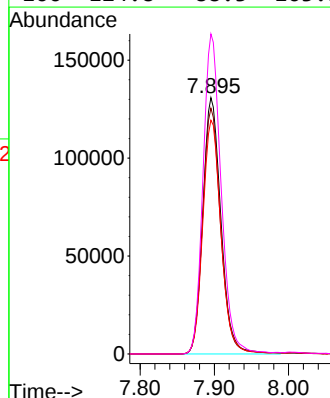
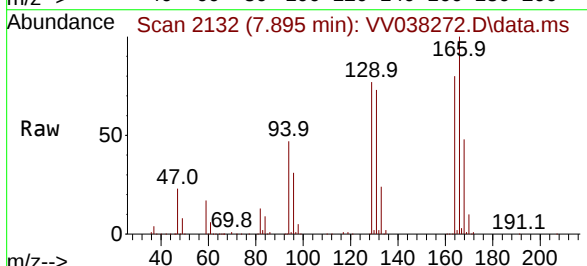
Ion Ratio Lower Upper

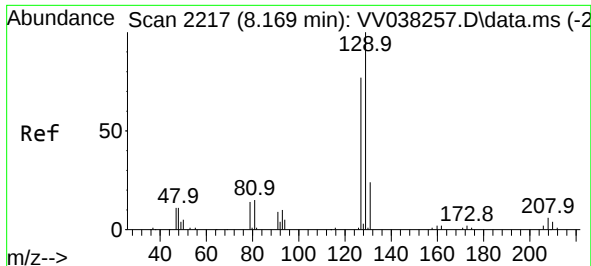
164 100

129 95.9 68.5 127.1

131 91.2 64.8 120.4

166 124.8 88.3 163.9





#49

Dibromochloromethane

Concen: 12.402 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.273 min

Lab File: VV038272.D

Acq: 22 Nov 2024 15:54

Instrument :

MSVOA_V

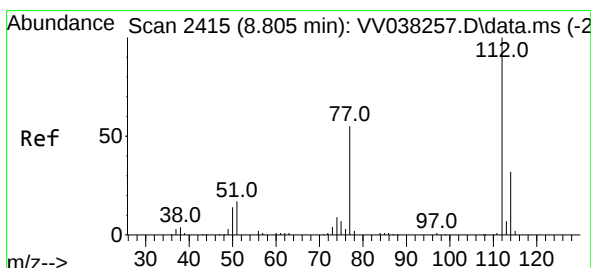
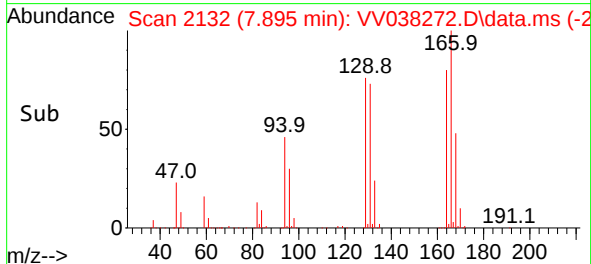
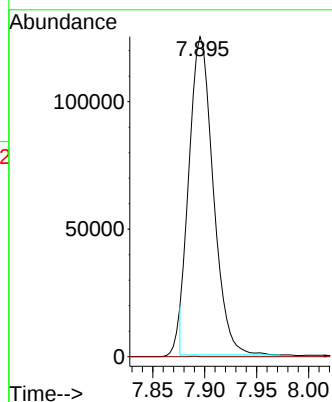
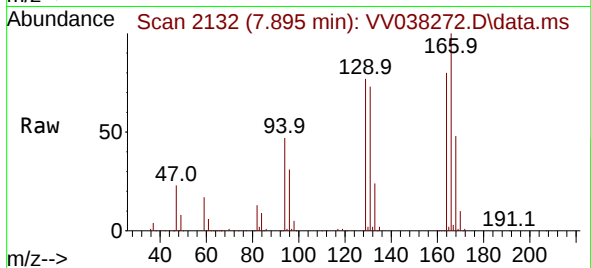
ClientSampleId :

Tgt Ion:129 Resp: 200171

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.169 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.010 min

Lab File: VV038272.D

Acq: 22 Nov 2024 15:54

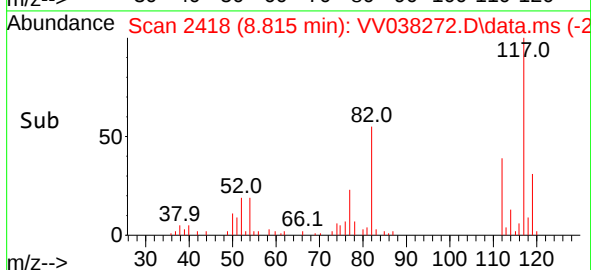
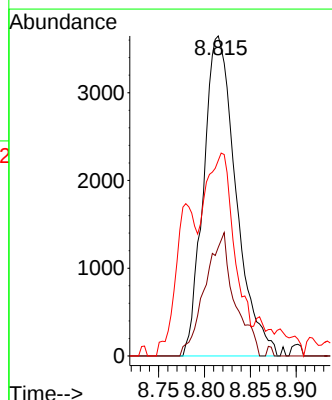
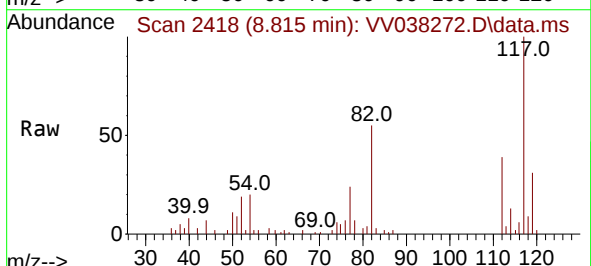
Tgt Ion:112 Resp: 8996

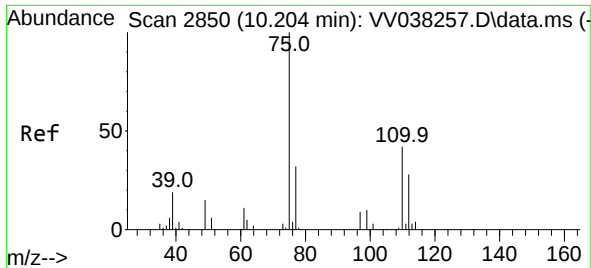
Ion Ratio Lower Upper

112 100

114 33.9 22.0 40.8

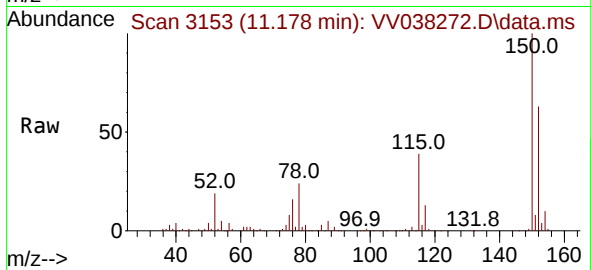
77 61.1 45.0 67.4





#61
 1,2,3-Trichloropropane
 Concen: 1.397 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038272.D
 Acq: 22 Nov 2024 15:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 12580
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.4 39.6
 110 2.5 32.3 48.5#

