

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033310.D
 Acq On : 14 Dec 2023 05:07
 Operator : SY/MD
 Sample : 05770-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY82

Quant Time: Dec 14 05:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	128138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	128755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65917	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39291	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.532	69	30057	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.059	65	15340	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.834	46	12542	12.902	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	25.800%#
24) Chloroform-d	4.249	84	88729	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.944	65	41024	5.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	4.960	84	168094	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	5.989	67	40960	5.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.243	98	156440	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.558	79	16370	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.034	63	51275	53.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.220%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28369	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	64564	5.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	1711	0.187	ug/L	88
5) Vinyl chloride	1.281	62	4614	0.499	ug/L	89
14) Carbon disulfide	2.240	76	13249	0.555	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	19024	2.073	ug/L	86
33) Benzene	5.021	78	6946	0.201	ug/L	100
34) Trichloroethene	5.841	95	4967	0.494	ug/L #	76
35) Methylcyclohexane	6.043	83	2142	0.144	ug/L #	81
37) 1,2-Dichloropropane	5.989	63	5553	0.800	ug/L #	32
39) cis-1,3-Dichloropropene	6.918	75	1396	0.124	ug/L #	79
42) Toluene	7.320	91	56835	1.438	ug/L	99
49) Dibromochloromethane	7.911	129	686	0.092	ug/L #	11
51) Chlorobenzene	8.818	112	2920	0.108	ug/L	87
52) Ethylbenzene	8.953	91	5262	0.119	ug/L	91
53) m,p-Xylene	9.082	106	2929	0.161	ug/L	98
54) o-Xylene	9.487	106	1116	0.065	ug/L	81
61) 1,2,3-Trichloropropane	11.188	75	5765	1.650	ug/L #	59
63) 1,2,4-Trimethylbenzene	10.857	105	3454	0.098	ug/L	94

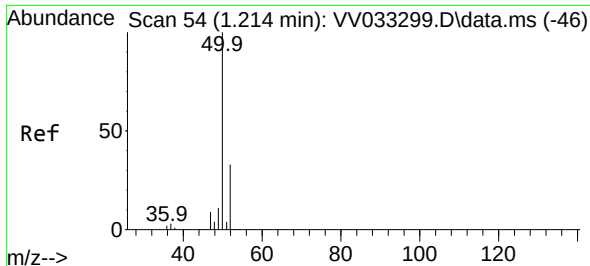
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033310.D
Acq On : 14 Dec 2023 05:07
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration

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

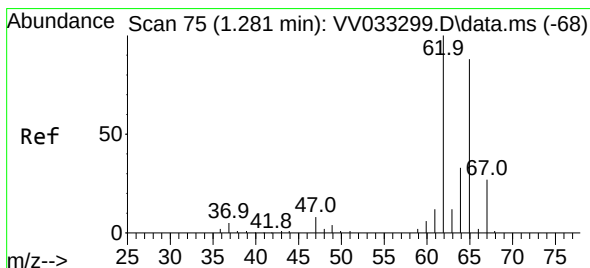
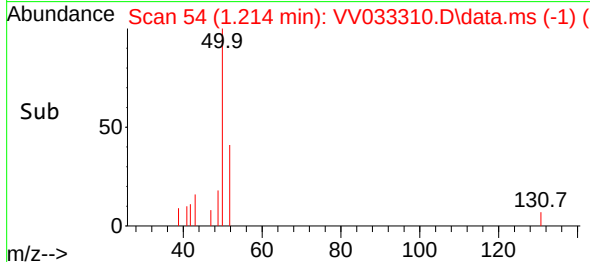
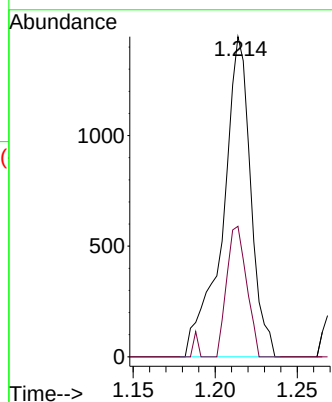
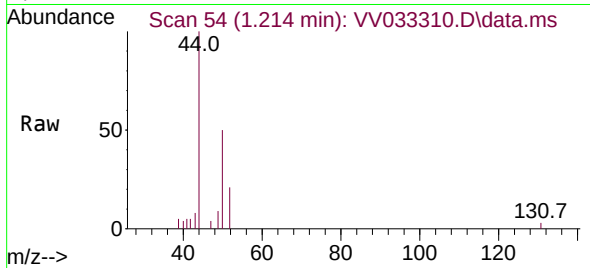
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#3
Chloromethane
Concen: 0.187 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

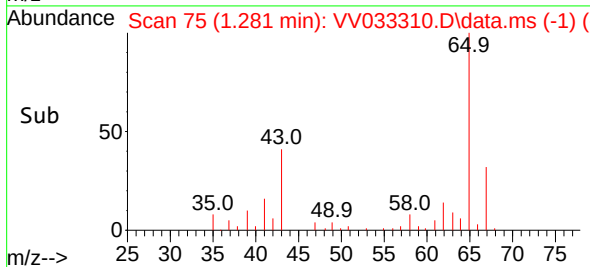
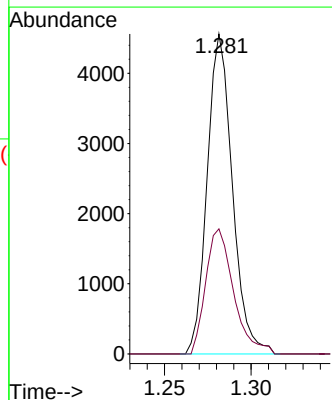
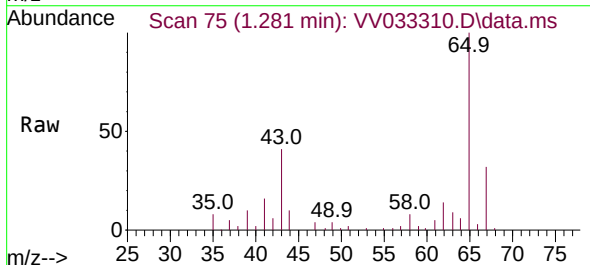
Instrument :
MSVOA_V
ClientSampleId :
E0Y82

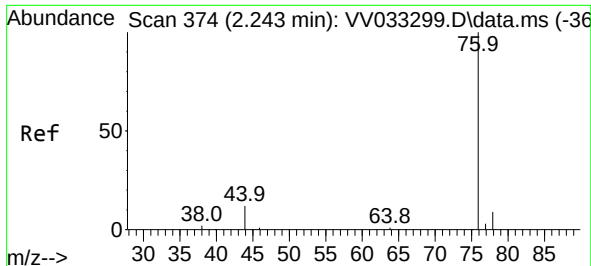
Tgt Ion: 50 Resp: 1711
Ion Ratio Lower Upper
50 100
52 40.8 23.8 44.2



#5
Vinyl chloride
Concen: 0.499 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.000 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

Tgt Ion: 62 Resp: 4614
Ion Ratio Lower Upper
62 100
64 39.1 23.0 42.8

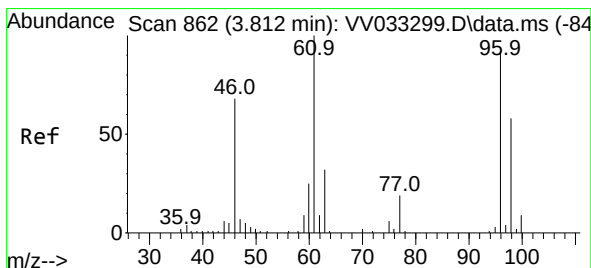
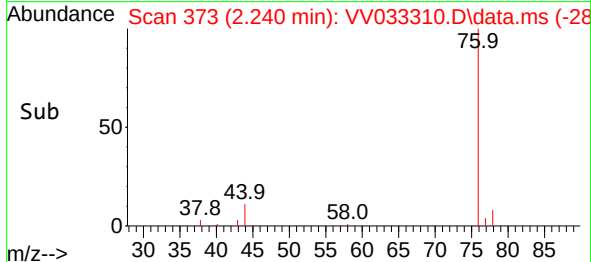
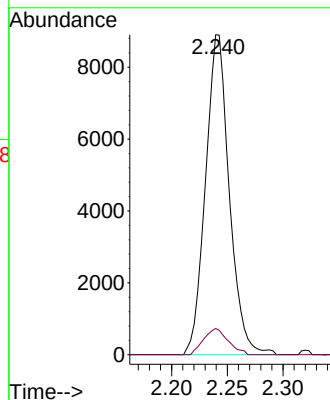
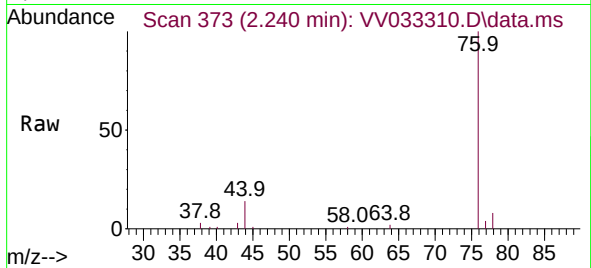




#14
Carbon disulfide
Concen: 0.555 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

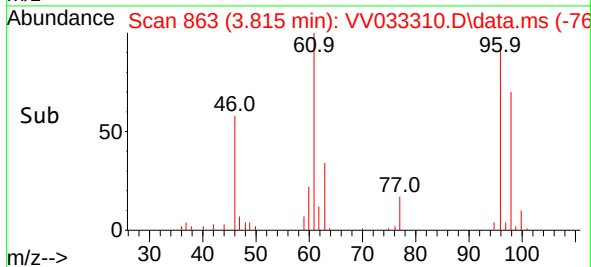
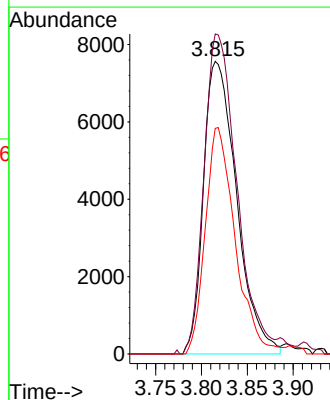
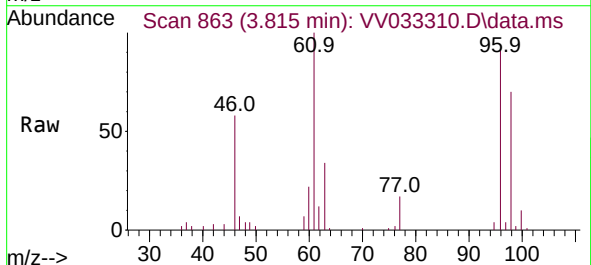
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ClientSampleId :
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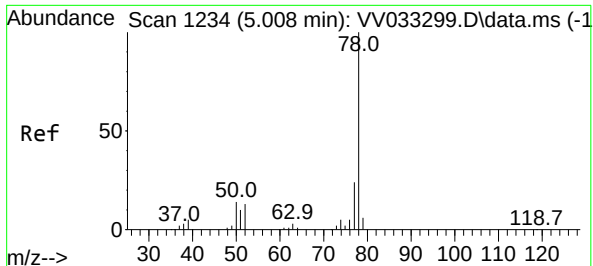
Tgt Ion: 76 Resp: 13249
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#22
cis-1,2-Dichloroethene
Concen: 2.073 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

Tgt Ion: 96 Resp: 19024
Ion Ratio Lower Upper
96 100
61 109.3 69.9 129.9
98 77.1 42.4 78.8

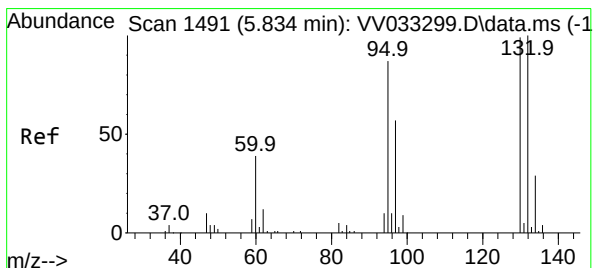
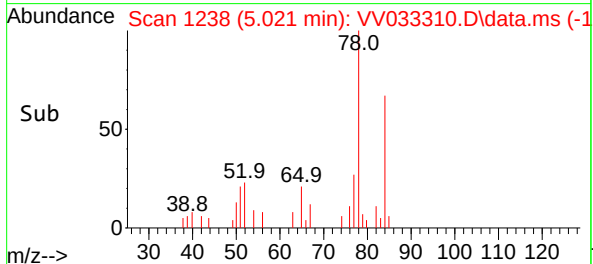
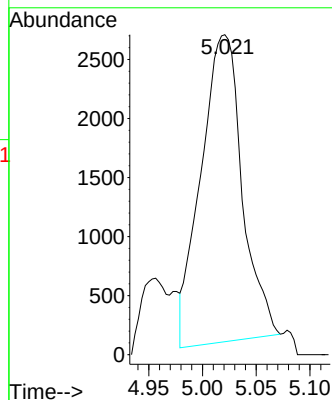
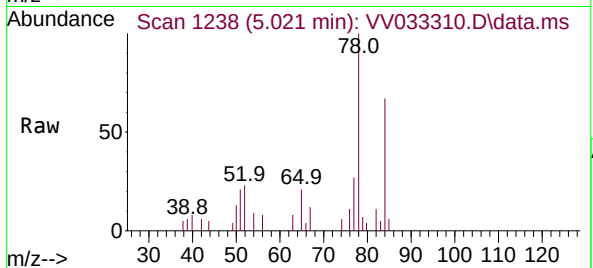




#33
Benzene
Concen: 0.201 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

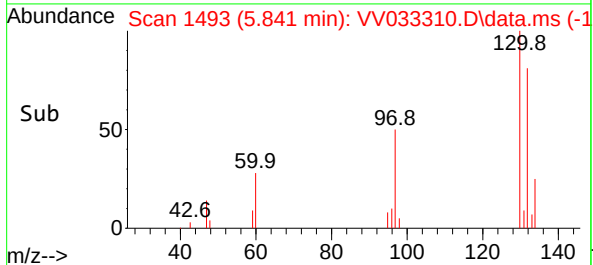
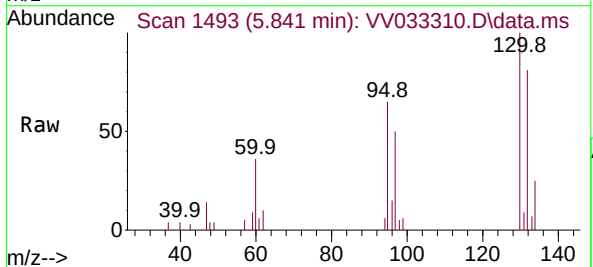
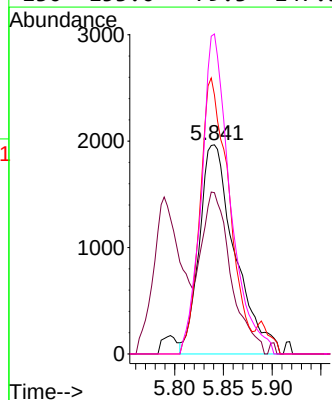
Instrument :
MSVOA_V
ClientSampleId :
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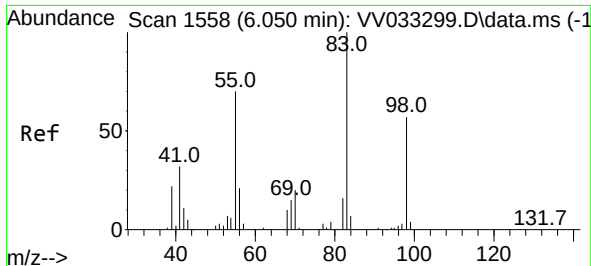
Tgt Ion: 78 Resp: 6946



#34
Trichloroethene
Concen: 0.494 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

Tgt Ion: 95 Resp: 4967
Ion Ratio Lower Upper
95 100
97 77.1 46.5 86.5
132 123.9 75.1 139.5
130 153.0 79.3 147.3#

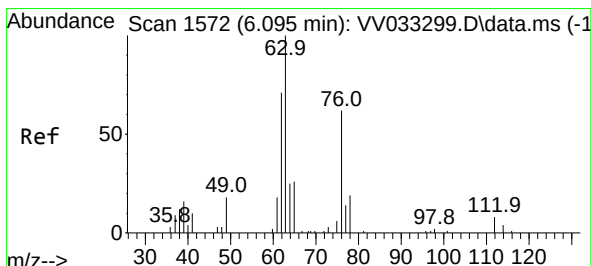
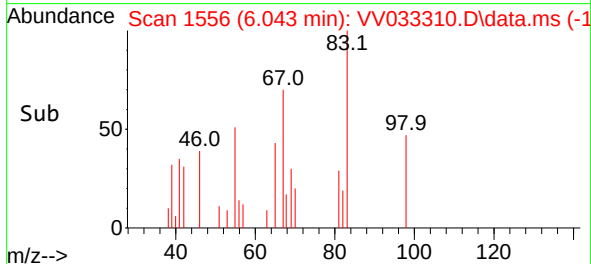
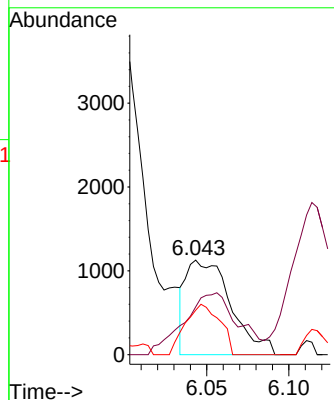
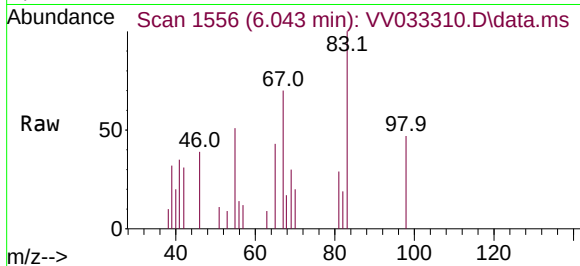




#35
Methylcyclohexane
Concen: 0.144 ug/L
RT: 6.043 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

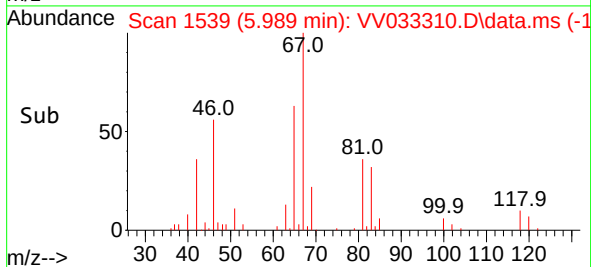
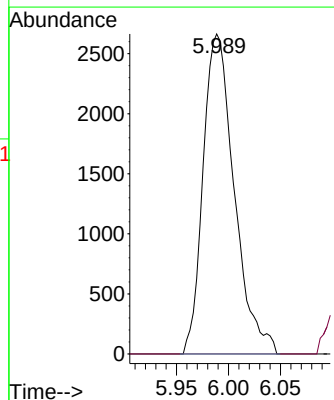
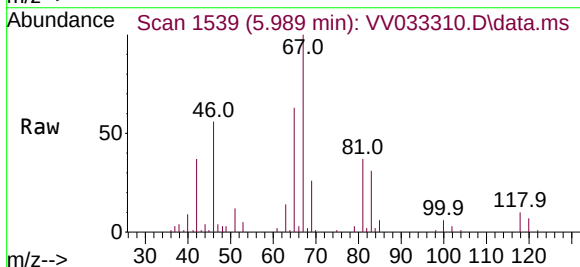
Instrument :
MSVOA_V
ClientSampleId :
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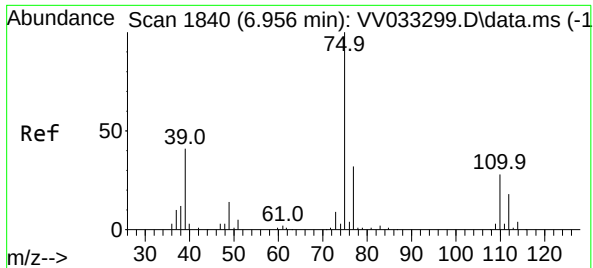
Tgt Ion: 83 Resp: 2142
Ion Ratio Lower Upper
83 100
55 79.3 50.7 76.1#
98 40.9 42.4 63.6#



#37
1,2-Dichloropropane
Concen: 0.800 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

Tgt Ion: 63 Resp: 5553
Ion Ratio Lower Upper
63 100
112 29.6 5.0 7.6#





#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033310.D

Acq: 14 Dec 2023 05:07

Instrument :

MSVOA_V

ClientSampleId :

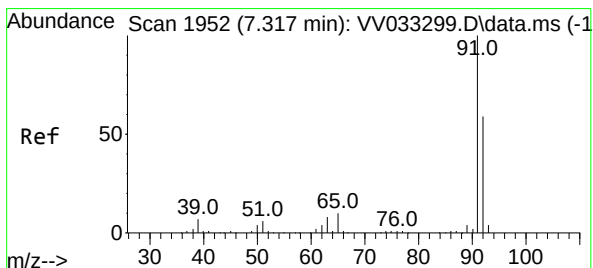
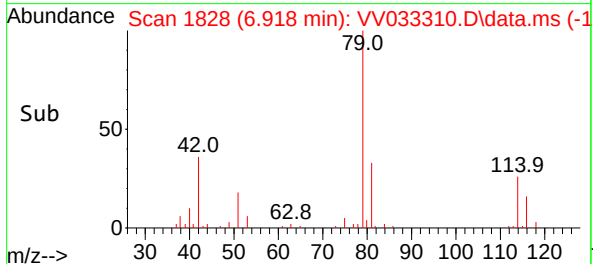
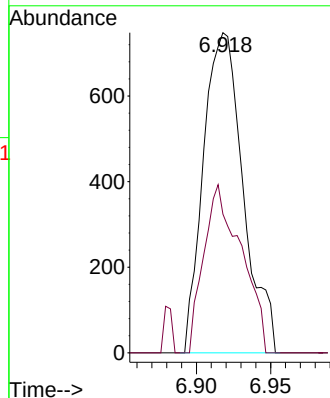
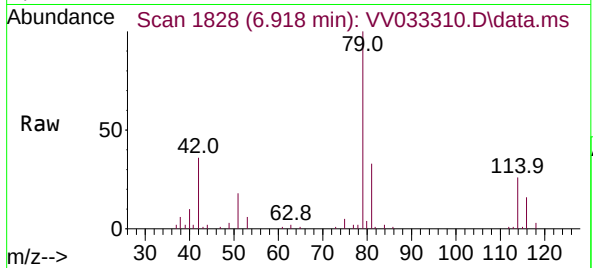
E0Y82

Tgt Ion: 75 Resp: 1396

Ion Ratio Lower Upper

75 100

77 43.3 22.1 41.1#



#42

Toluene

Concen: 1.438 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV033310.D

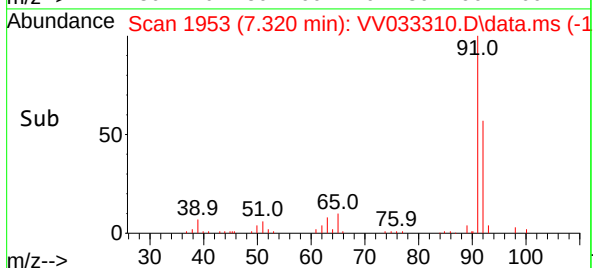
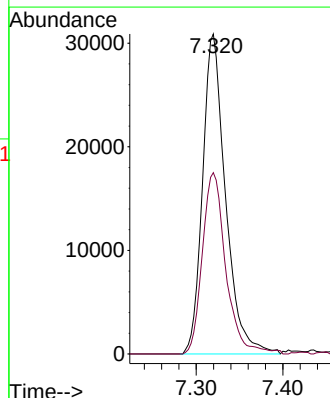
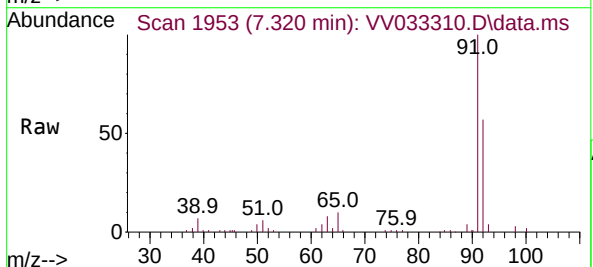
Acq: 14 Dec 2023 05:07

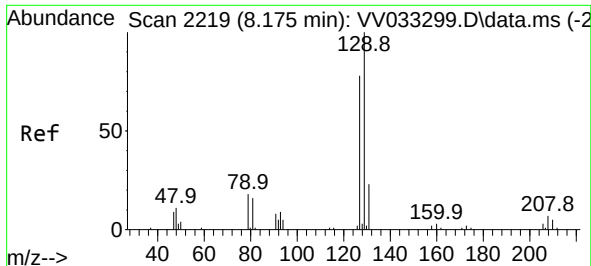
Tgt Ion: 91 Resp: 56835

Ion Ratio Lower Upper

91 100

92 56.6 40.2 74.6





#49

Dibromochloromethane

Concen: 0.092 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV033310.D

Acq: 14 Dec 2023 05:07

Instrument :

MSVOA_V

ClientSampleId :

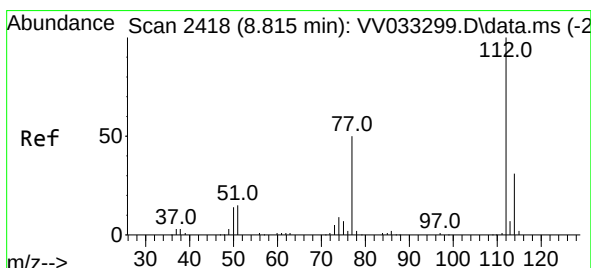
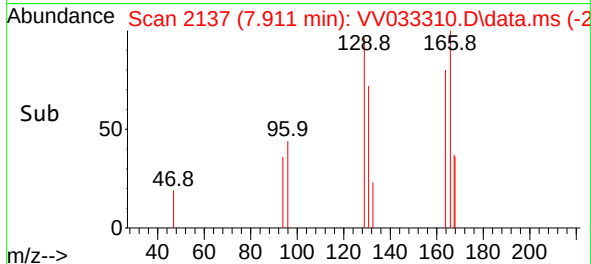
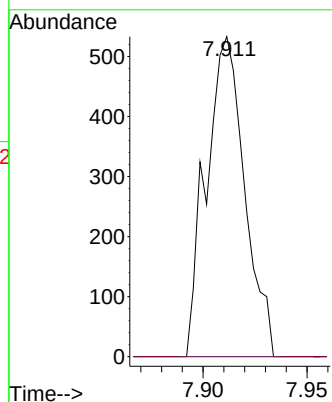
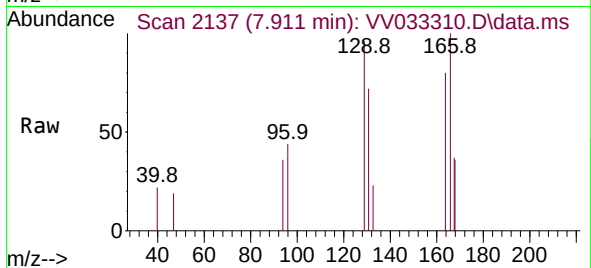
E0Y82

Tgt Ion:129 Resp: 686

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#51

Chlorobenzene

Concen: 0.108 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV033310.D

Acq: 14 Dec 2023 05:07

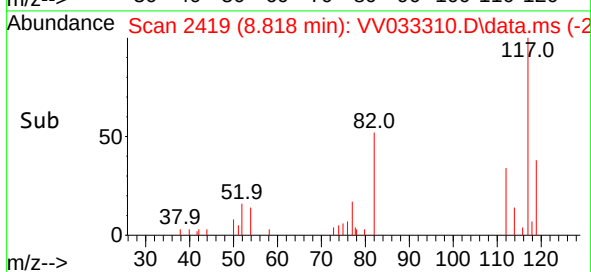
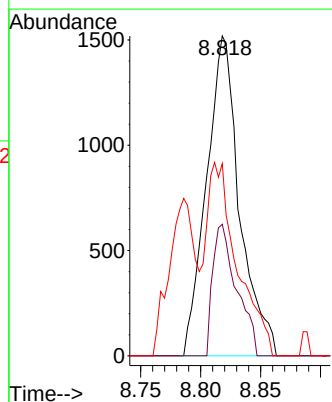
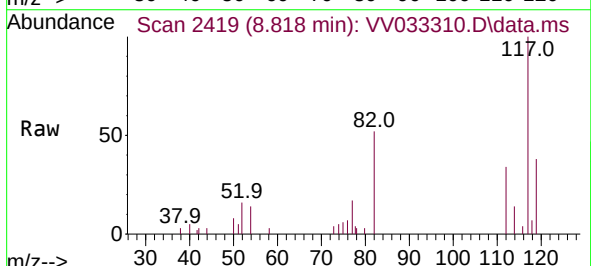
Tgt Ion:112 Resp: 2920

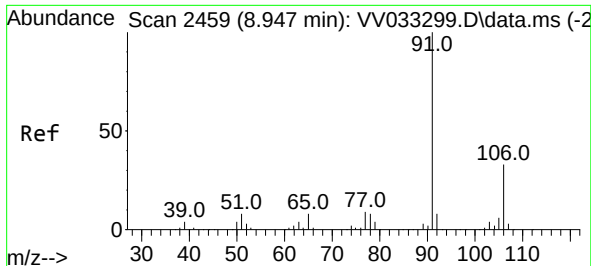
Ion Ratio Lower Upper

112 100

114 41.1 22.8 42.4

77 60.1 41.3 61.9





#52

Ethylbenzene

Concen: 0.119 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV033310.D

Acq: 14 Dec 2023 05:07

Instrument :

MSVOA_V

ClientSampleId :

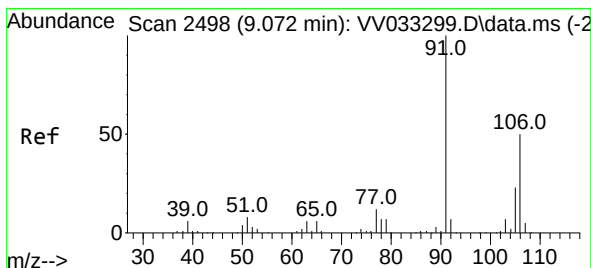
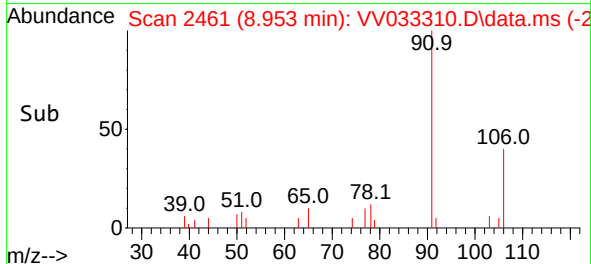
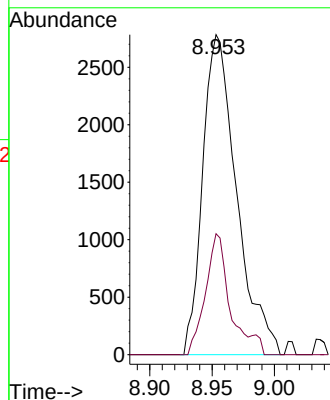
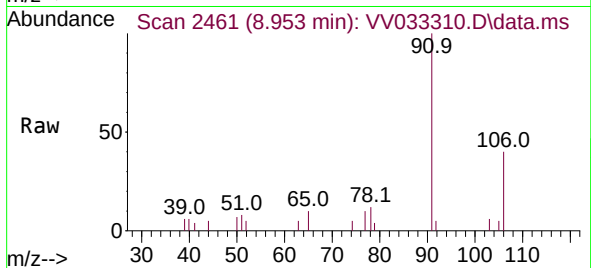
E0Y82

Tgt Ion: 91 Resp: 5262

Ion Ratio Lower Upper

91 100

106 37.8 22.7 42.3



#53

m,p-Xylene

Concen: 0.161 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV033310.D

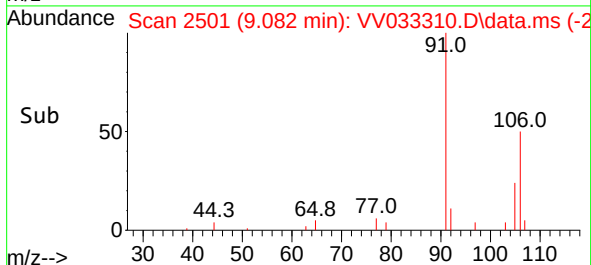
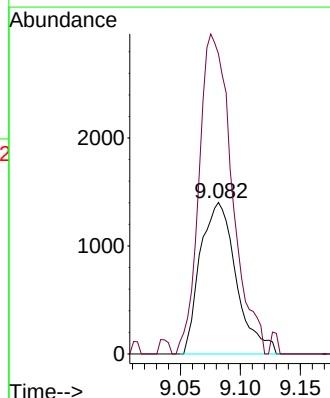
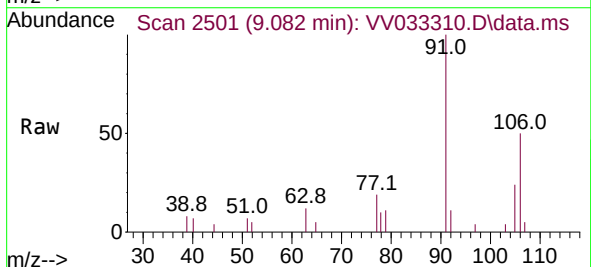
Acq: 14 Dec 2023 05:07

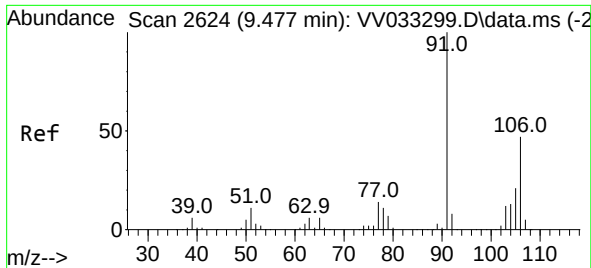
Tgt Ion: 106 Resp: 2929

Ion Ratio Lower Upper

106 100

91 198.1 136.8 254.0

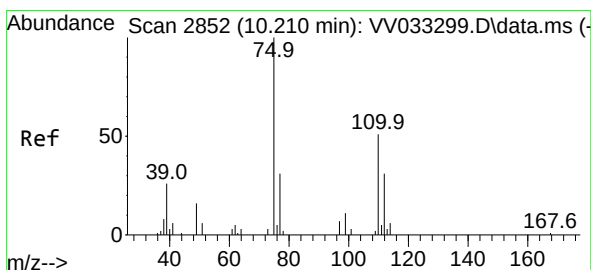
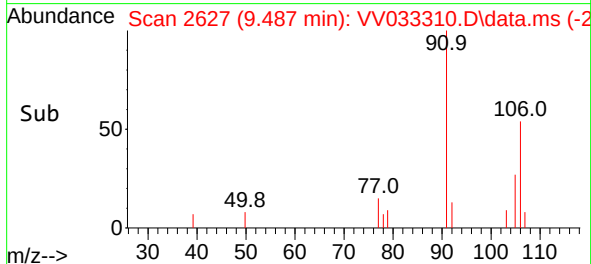
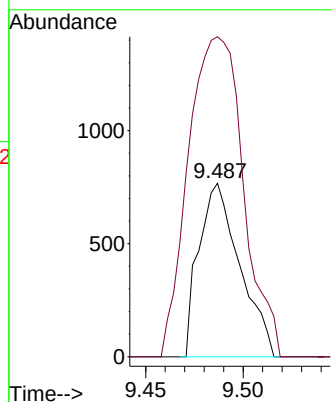
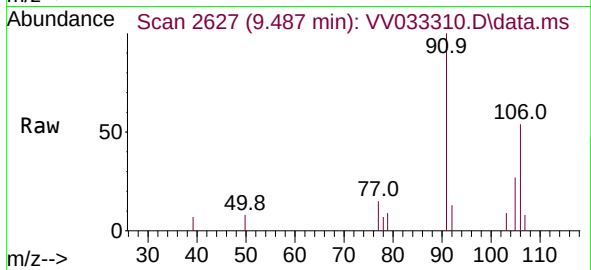




#54
o-Xylene
Concen: 0.065 ug/L
RT: 9.487 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

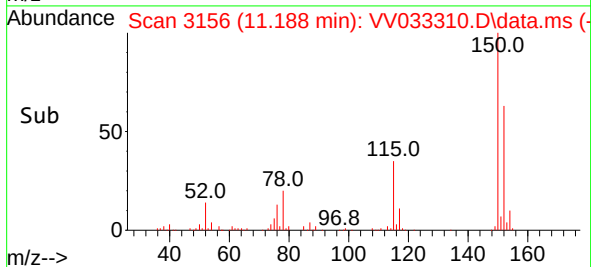
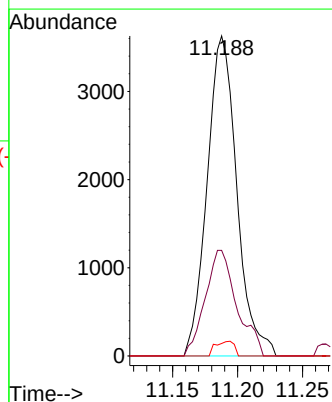
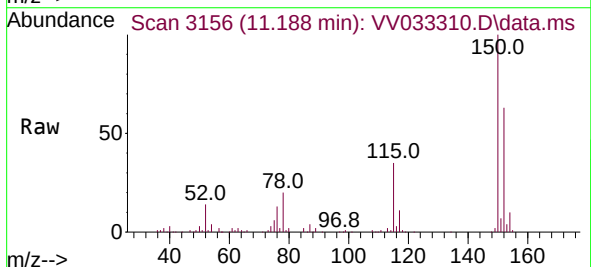
Instrument :
MSVOA_V
ClientSampleId :
E0Y82

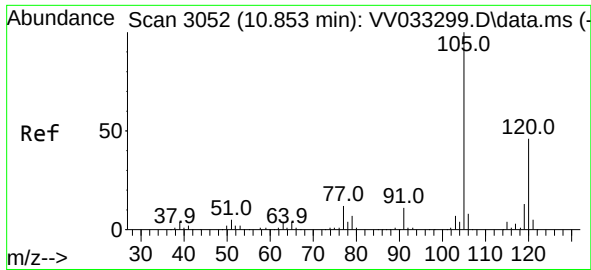
Tgt Ion:106 Resp: 1116
Ion Ratio Lower Upper
106 100
91 184.5 149.9 278.5



#61
1,2,3-Trichloropropane
Concen: 1.650 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

Tgt Ion: 75 Resp: 5765
Ion Ratio Lower Upper
75 100
77 35.2 27.4 41.2
110 2.9 39.4 59.2#





#63

1,2,4-Trimethylbenzene

Concen: 0.098 ug/L

RT: 10.857 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV033310.D

Acq: 14 Dec 2023 05:07

Instrument :

MSVOA_V

ClientSampleId :

E0Y82

Tgt Ion:105 Resp: 3454

Ion Ratio Lower Upper

105 100

120 52.0 38.1 57.1

