

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033675.D
 Acq On : 16 Jan 2024 16:57
 Operator : SY/MD
 Sample : P1062-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

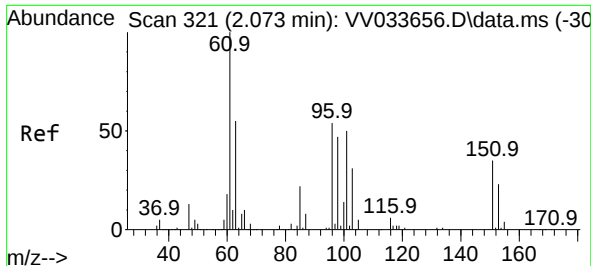
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:13:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	115854	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	105808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22904	3.615	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.536	69	24431	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.060	65	12019	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.809	46	68697	44.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.700%
24) Chloroform-d	4.252	84	60227	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.947	65	29505	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.963	84	115411	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.989	67	37998	4.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.246	98	100666	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.561	79	11539	3.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.027	63	52841	45.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24819	4.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	38495	4.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	3576	0.438	ug/L #	1
17) Methyl tert-butyl Ether	2.706	73	168510	9.113	ug/L	99
19) 1,1-Dichloroethane	3.117	63	3231	0.176	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	2055	0.137	ug/L	90
34) Trichloroethene	5.834	95	54290	5.429	ug/L	97
35) Methylcyclohexane	5.992	83	9148	0.540	ug/L #	16
39) cis-1,3-Dichloropropene	6.921	75	844	0.063	ug/L #	35
42) Toluene	7.323	91	32950	0.829	ug/L	98
48) 2-Hexanone	8.092	43	8468	2.695	ug/L #	77
49) Dibromochloromethane	7.911	129	618	0.096	ug/L #	11
53) m,p-Xylene	9.085	106	1876	0.111	ug/L	90
61) 1,2,3-Trichloropropane	11.185	75	6762	1.586	ug/L #	64

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



#12

1,1-Dichloroethene

Concen: 0.438 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

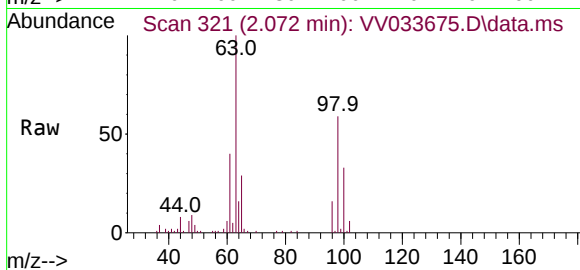
Lab File: VV033675.D

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Instrument :

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ClientSampleId :



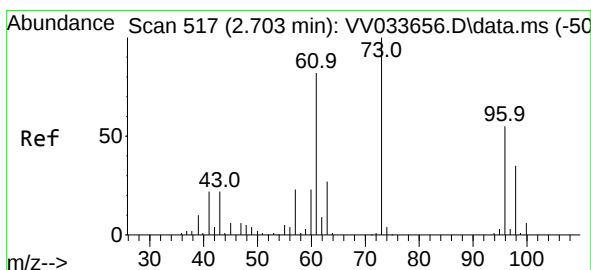
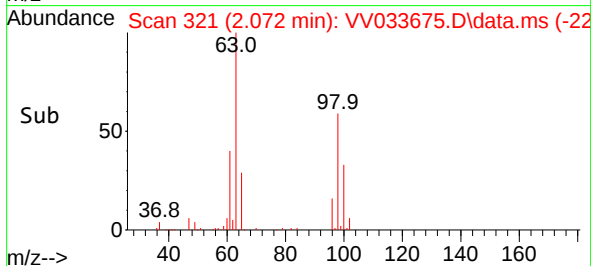
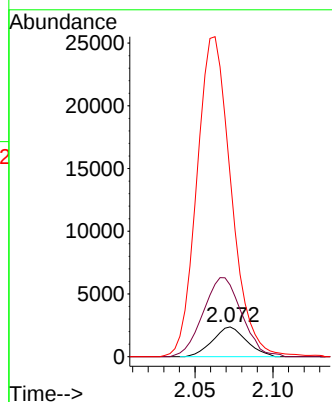
Tgt Ion: 96 Resp: 3576

Ion Ratio Lower Upper

96 100

61 241.3 133.8 248.4

63 610.8 77.2 143.4#



#17

Methyl tert-butyl Ether

Concen: 9.113 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

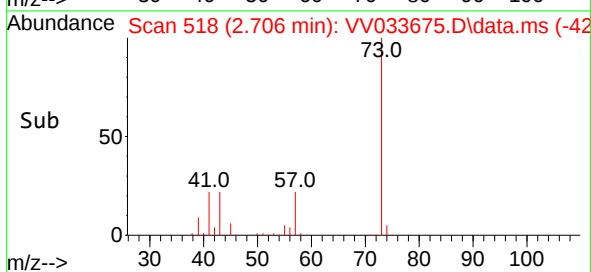
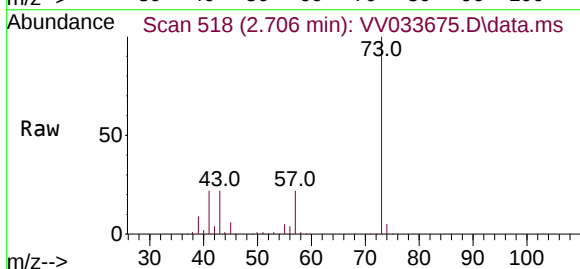
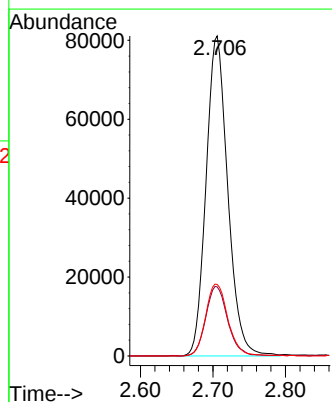
Tgt Ion: 73 Resp: 168510

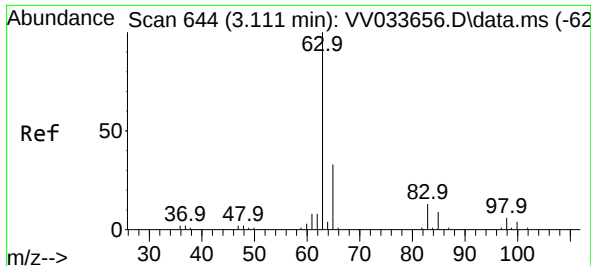
Ion Ratio Lower Upper

73 100

43 22.0 17.7 26.5

57 23.1 19.5 29.3





#19

1,1-Dichloroethane

Concen: 0.176 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

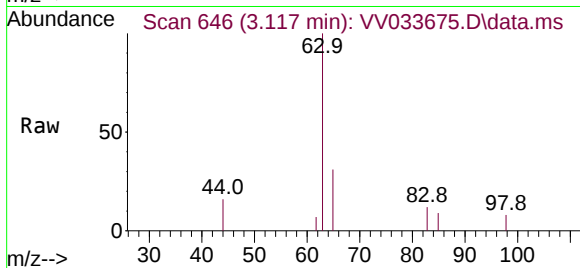
Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

Instrument :

MSVOA_V

ClientSampleId :



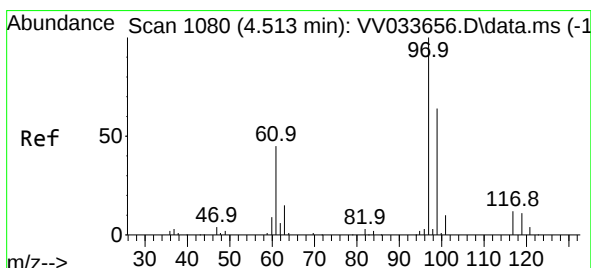
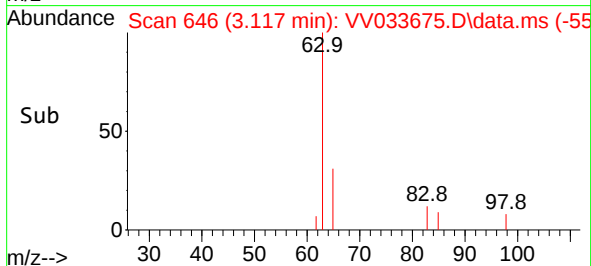
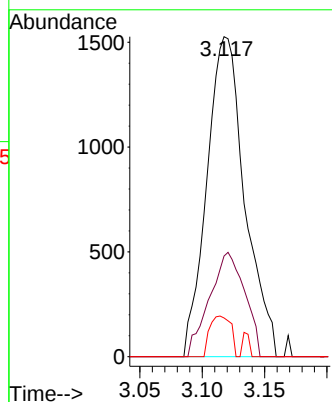
Tgt Ion: 63 Resp: 3231

Ion Ratio Lower Upper

63 100

65 31.4 21.6 40.2

83 12.1 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 0.137 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.013 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

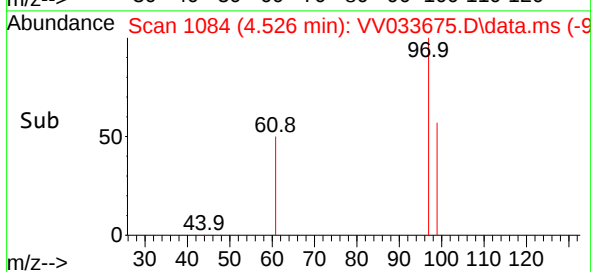
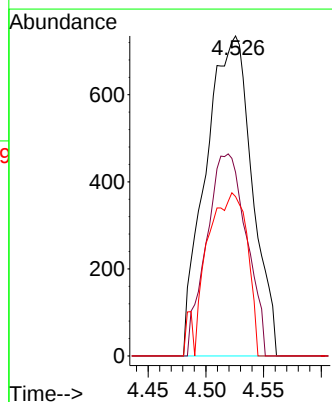
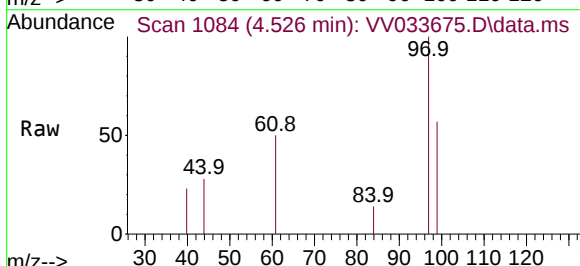
Tgt Ion: 97 Resp: 2055

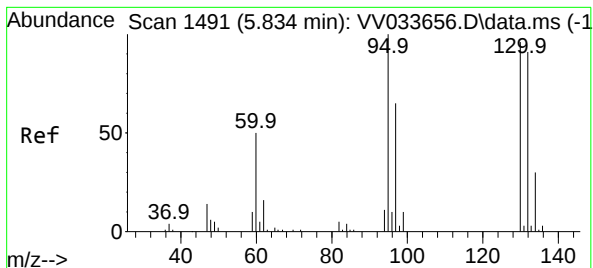
Ion Ratio Lower Upper

97 100

99 54.4 50.8 76.2

61 42.9 38.1 57.1





#34

Trichloroethene

Concen: 5.429 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 54290

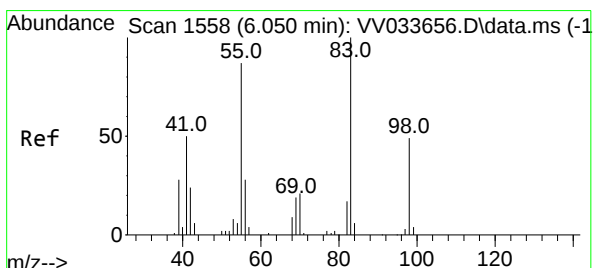
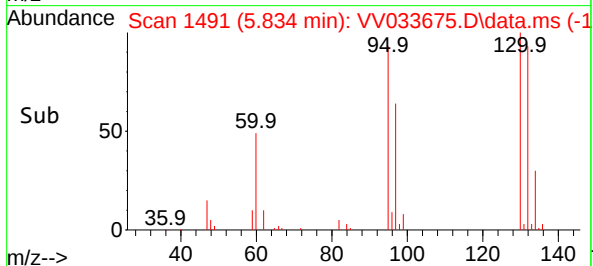
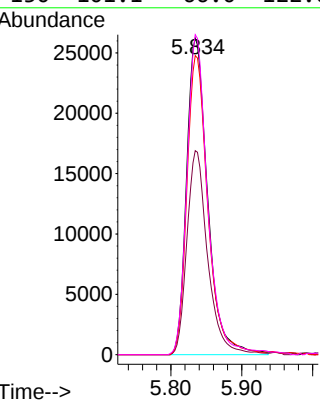
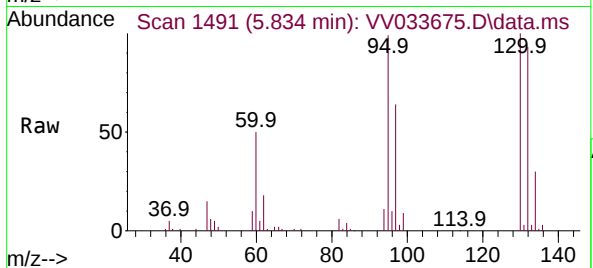
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 94.4 65.2 121.2

130 101.1 66.0 122.6



#35

Methylcyclohexane

Concen: 0.540 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

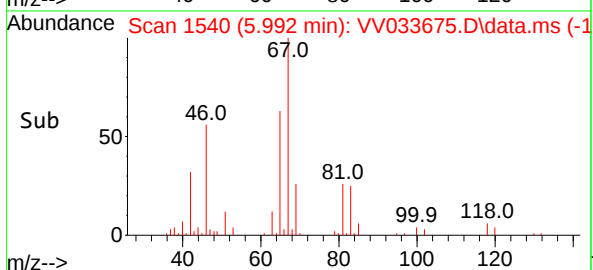
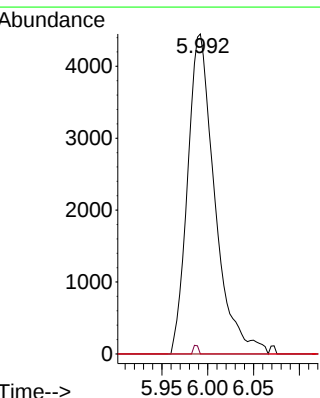
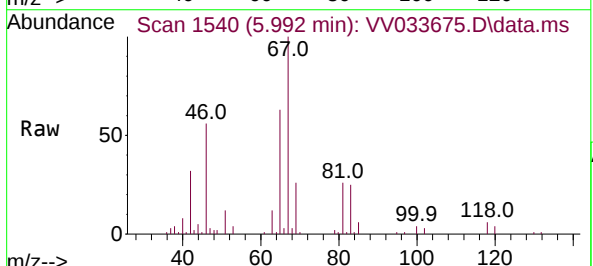
Tgt Ion: 83 Resp: 9148

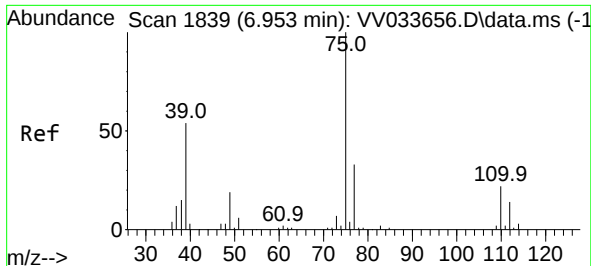
Ion Ratio Lower Upper

83 100

55 0.5 68.7 103.1#

98 2.3 38.3 57.5#





#39

cis-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.032 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

Instrument :

MSVOA_V

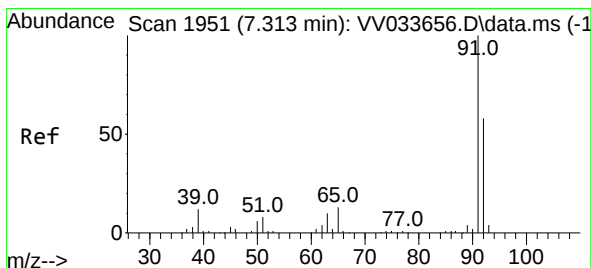
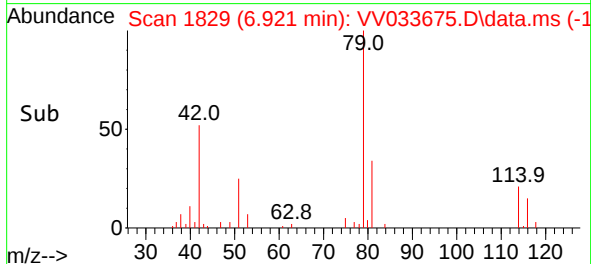
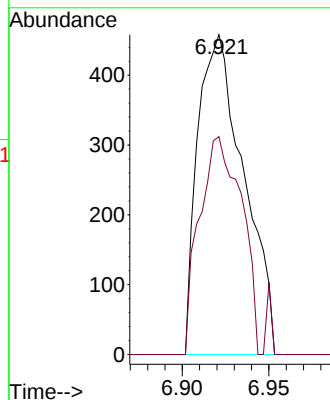
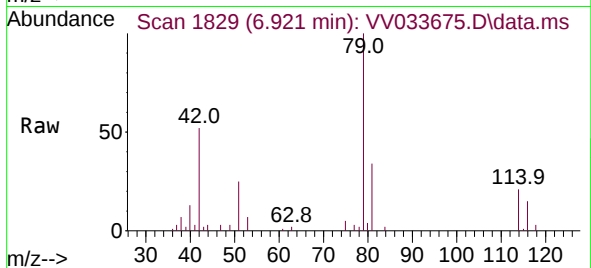
ClientSampleId :

Tgt Ion: 75 Resp: 844

Ion Ratio Lower Upper

75 100

77 68.1 22.5 41.7#



#42

Toluene

Concen: 0.829 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV033675.D

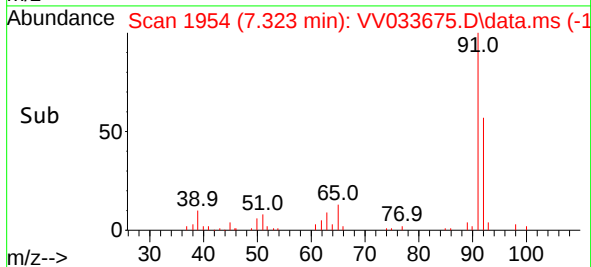
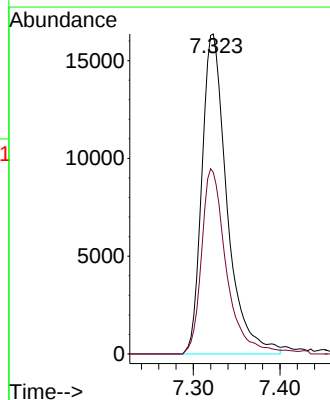
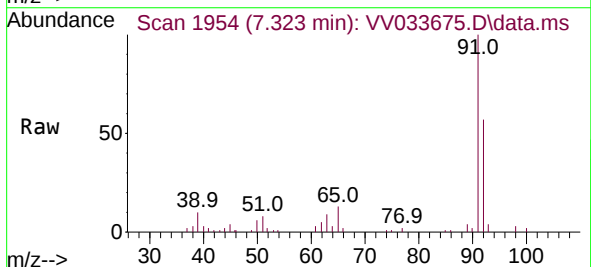
Acq: 16 Jan 2024 16:57

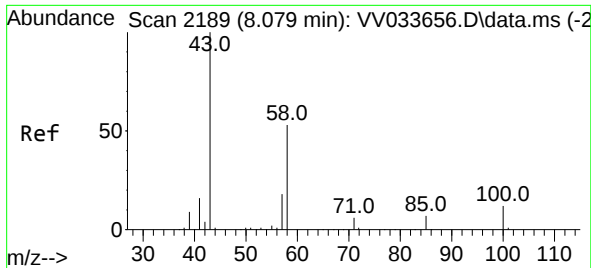
Tgt Ion: 91 Resp: 32950

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.3

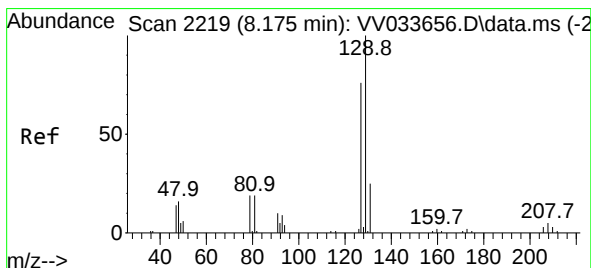
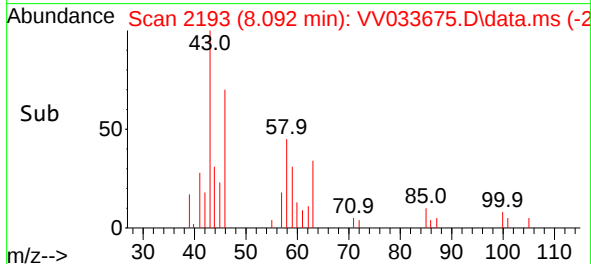
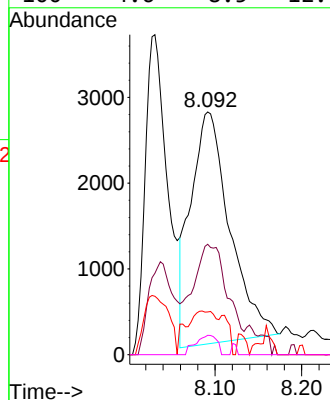
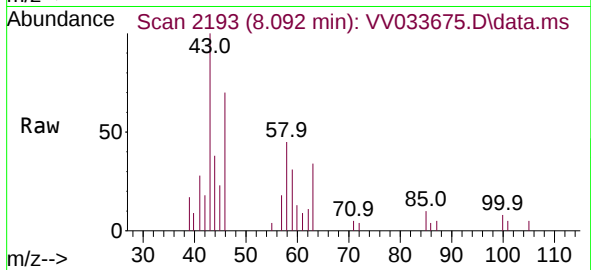




#48
2-Hexanone
Concen: 2.695 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV033675.D
Acq: 16 Jan 2024 16:57

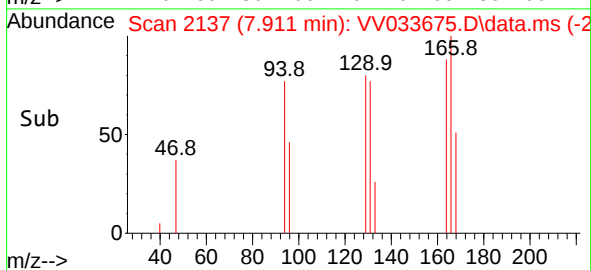
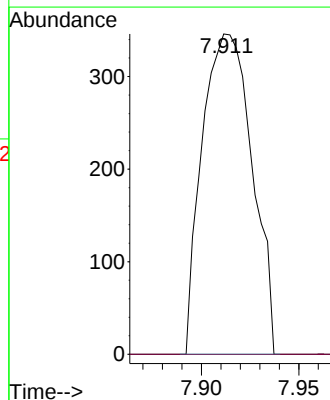
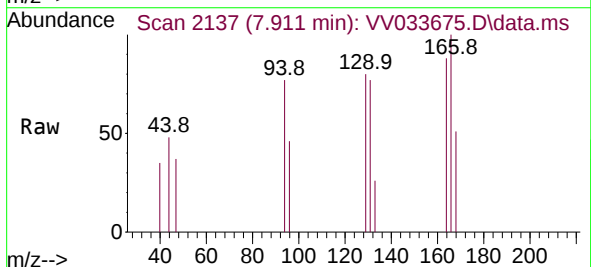
Instrument :
MSVOA_V
ClientSampleId :

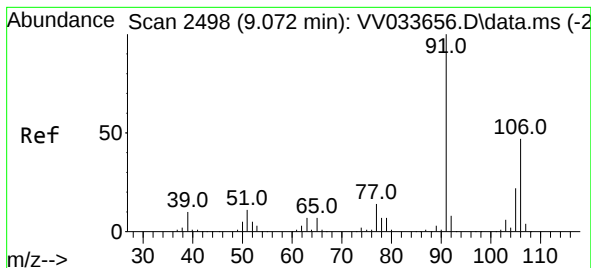
Tgt Ion: 43 Resp: 8468
Ion Ratio Lower Upper
43 100
58 35.7 40.6 61.0#
57 4.5 13.8 20.8#
100 4.6 8.5 12.7#



#49
Dibromochloromethane
Concen: 0.096 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.264 min
Lab File: VV033675.D
Acq: 16 Jan 2024 16:57

Tgt Ion: 129 Resp: 618
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#





#53

m,p-Xylene

Concen: 0.111 ug/L

RT: 9.085 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

Instrument :

MSVOA_V

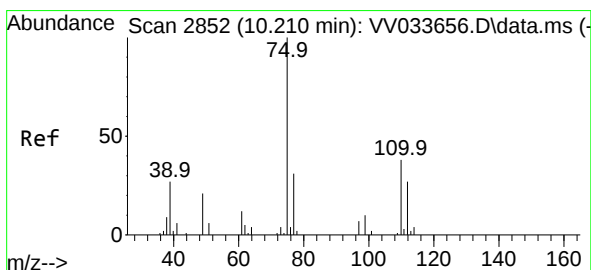
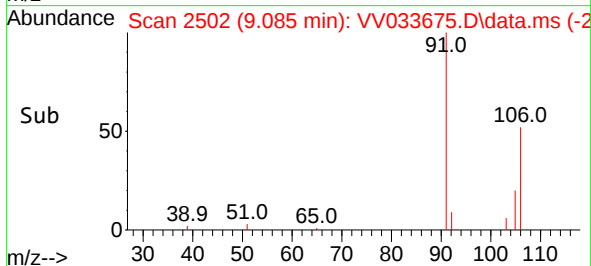
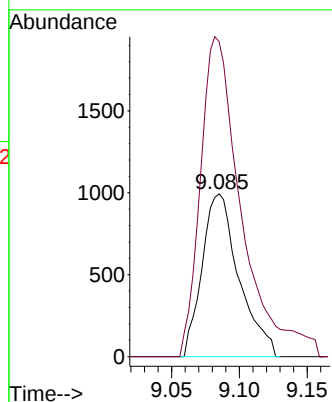
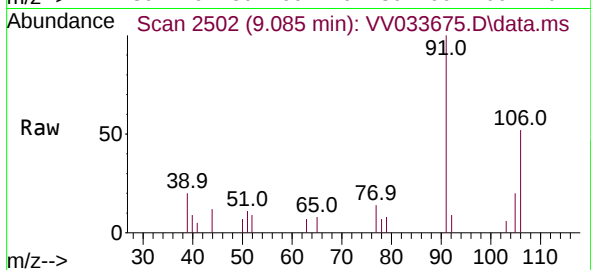
ClientSampleId :

Tgt Ion:106 Resp: 1876

Ion Ratio Lower Upper

106 100

91 193.6 146.2 271.4



#61

1,2,3-Trichloropropane

Concen: 1.586 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033675.D

Acq: 16 Jan 2024 16:57

Tgt Ion: 75 Resp: 6762

Ion Ratio Lower Upper

75 100

77 37.0 24.7 37.1

110 1.5 28.0 42.0#

