

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033673.D
 Acq On : 16 Jan 2024 16:10
 Operator : SY/MD
 Sample : P1062-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:13:15 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)

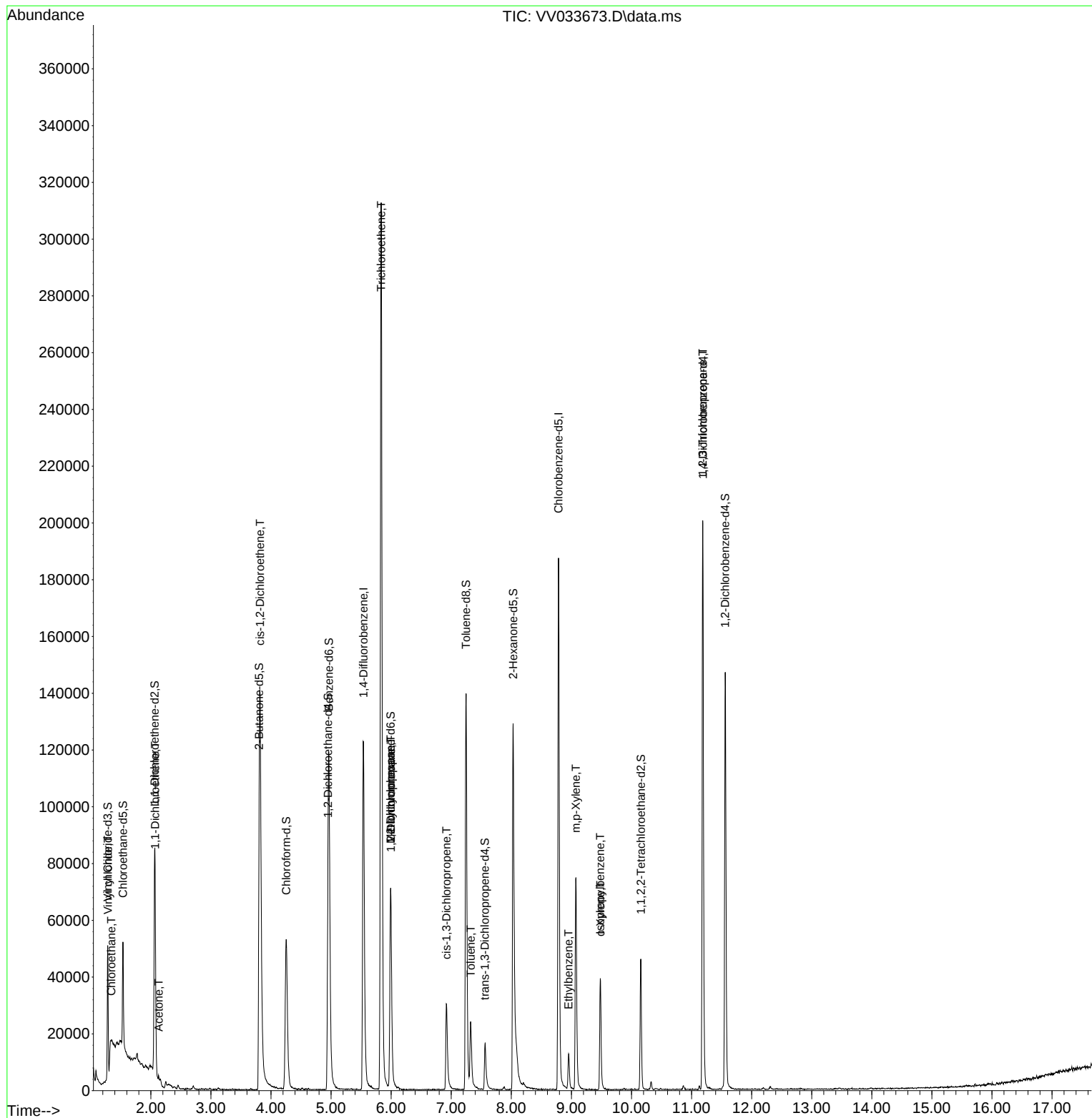
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	106844	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	98615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	50032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21880	3.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.535	69	22072	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	65	11316	4.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.802	46	61924	43.349	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	4.252	84	56464	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.947	65	27883	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.963	84	108029	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	5.992	67	35246	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	94389	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	11420	4.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.030	63	47387	44.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22365	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	36015	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	8800	0.792	ug/L	93
8) Chloroethane	1.343	64	31897	4.725	ug/L #	53
12) 1,1-Dichloroethene	2.072	96	7669	1.018	ug/L #	16
13) Acetone	2.130	43	2743	2.365	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	63621	7.142	ug/L	98
34) Trichloroethene	5.834	95	111581	11.972	ug/L	98
35) Methylcyclohexane	5.992	83	7805	0.495	ug/L #	15
37) 1,2-Dichloropropane	5.995	63	4088	0.470	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	846	0.068	ug/L #	59
42) Toluene	7.323	91	19195	0.518	ug/L	100
52) Ethylbenzene	8.953	91	9559	0.223	ug/L	95
53) m,p-Xylene	9.075	106	22005	1.392	ug/L	94
54) o-Xylene	9.484	106	10274	0.668	ug/L	97
60) Isopropylbenzene	9.480	105	4185	0.106	ug/L #	16
61) 1,2,3-Trichloropropane	11.185	75	6904	1.721	ug/L #	63

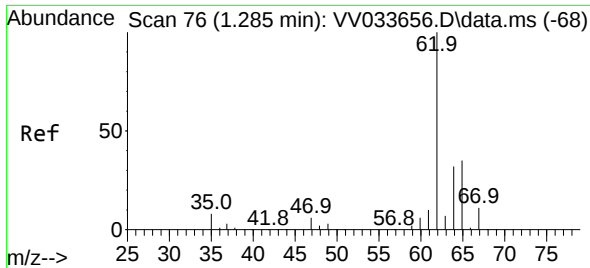
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
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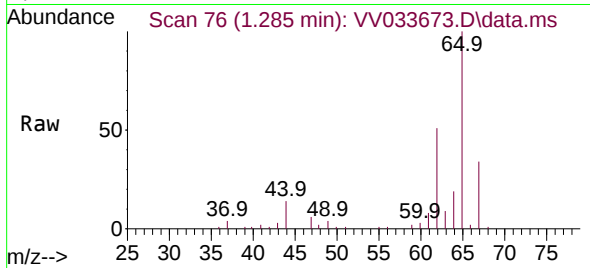


#5
 Vinyl chloride
 Concen: 0.792 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033673.D
 Acq: 16 Jan 2024 16:10

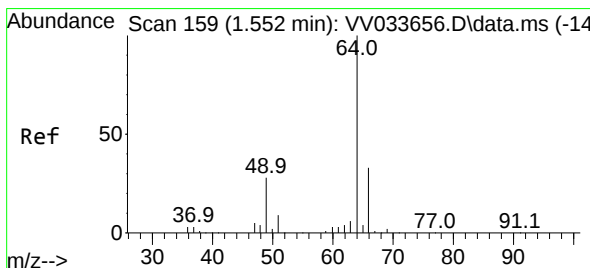
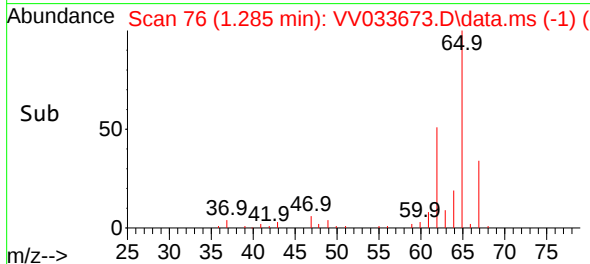
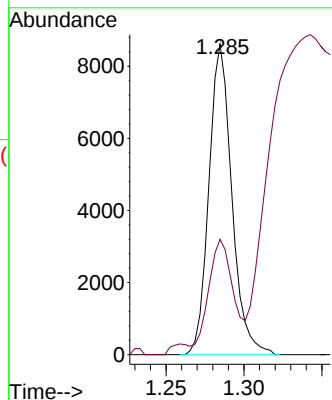
Instrument :

MSVOA_V

ClientSampleId :

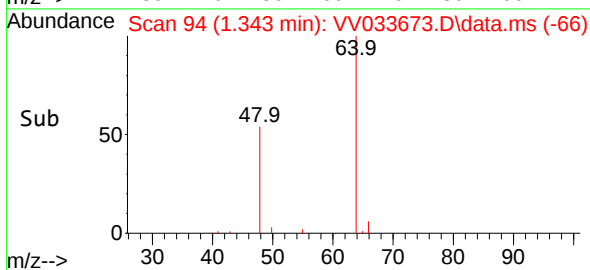
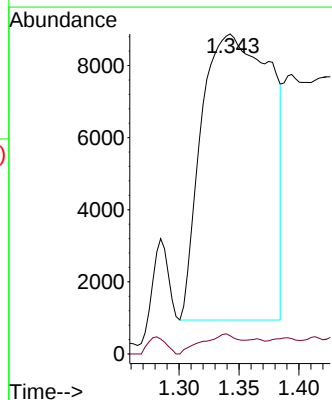
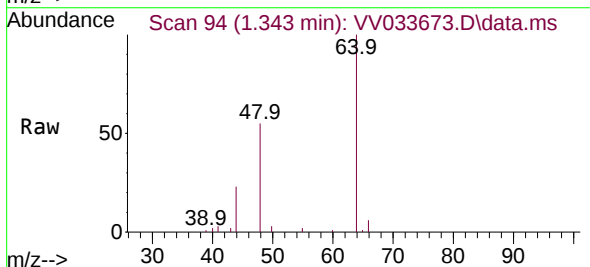


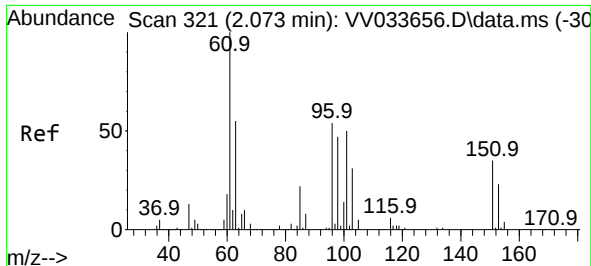
Tgt Ion: 62 Resp: 8800
 Ion Ratio Lower Upper
 62 100
 64 37.1 23.0 42.8



#8
 Chloroethane
 Concen: 4.725 ug/L
 RT: 1.343 min Scan# 94
 Delta R.T. -0.209 min
 Lab File: VV033673.D
 Acq: 16 Jan 2024 16:10

Tgt Ion: 64 Resp: 31897
 Ion Ratio Lower Upper
 64 100
 66 5.7 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 1.018 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

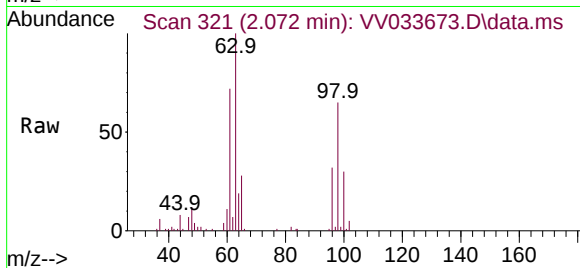
Lab File: VV033673.D

Acq: 16 Jan 2024 16:10

Instrument :

MSVOA_V

ClientSampleId :



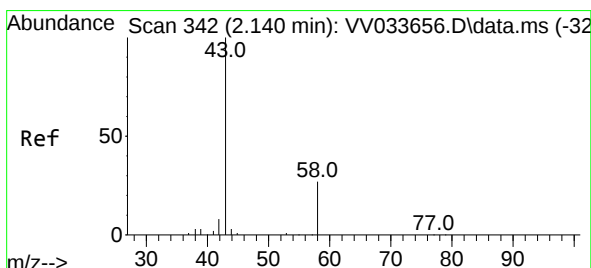
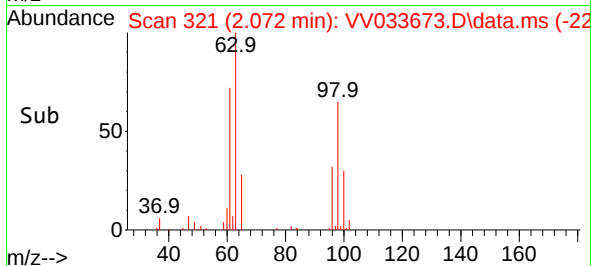
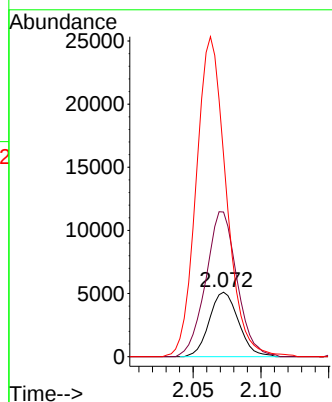
Tgt Ion: 96 Resp: 7669

Ion Ratio Lower Upper

96 100

61 224.4 133.8 248.4

63 312.8 77.2 143.4#



#13

Acetone

Concen: 2.365 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.010 min

Lab File: VV033673.D

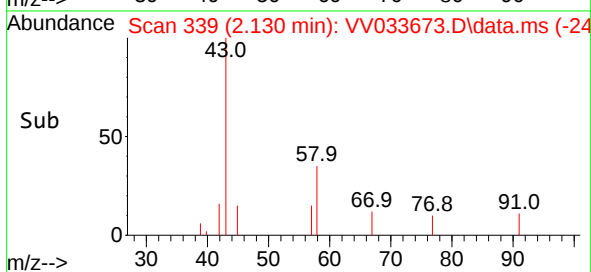
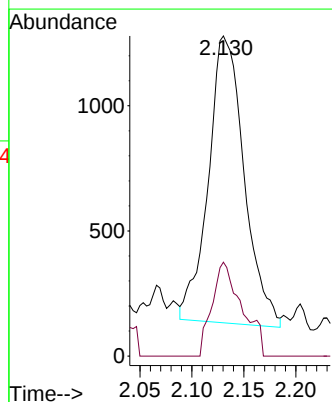
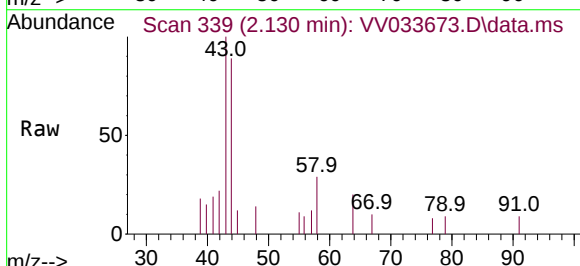
Acq: 16 Jan 2024 16:10

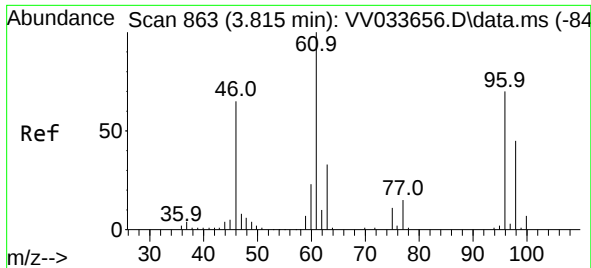
Tgt Ion: 43 Resp: 2743

Ion Ratio Lower Upper

43 100

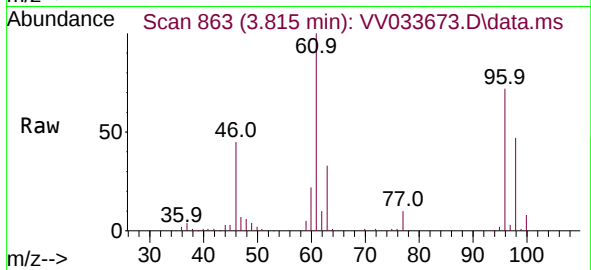
58 27.3 0.0 51.0



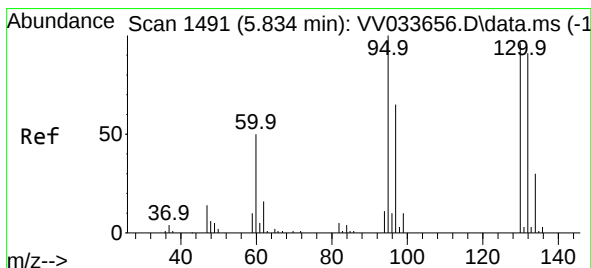
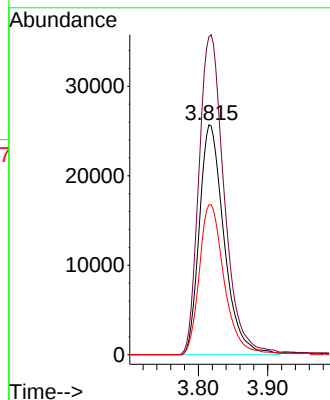
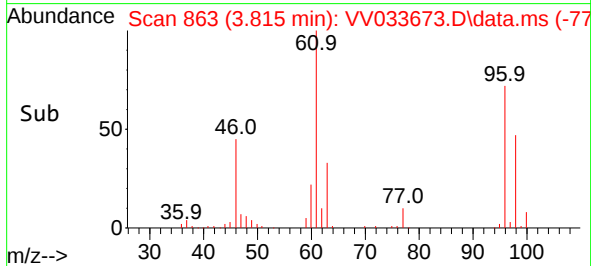


#22
cis-1,2-Dichloroethene
Concen: 7.142 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

Instrument :
MSVOA_V
ClientSampleId :

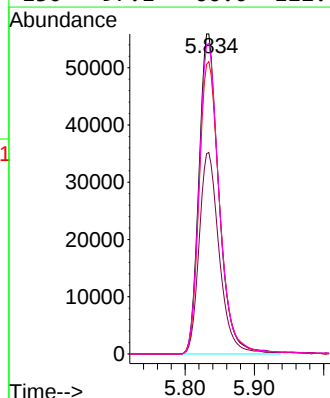
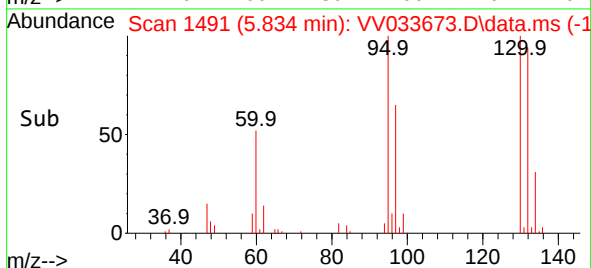
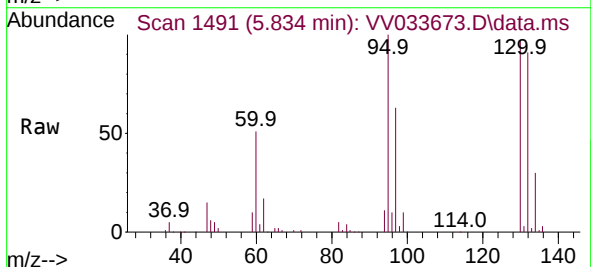


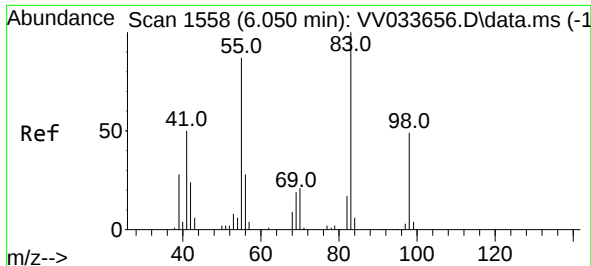
Tgt Ion: 96 Resp: 63621
Ion Ratio Lower Upper
96 100
61 138.3 97.1 180.3
98 65.2 42.6 79.0



#34
Trichloroethene
Concen: 11.972 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

Tgt Ion: 95 Resp: 111581
Ion Ratio Lower Upper
95 100
97 63.0 45.1 83.9
132 91.3 65.2 121.2
130 97.1 66.0 122.6

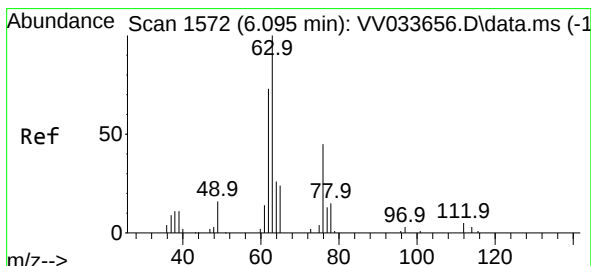
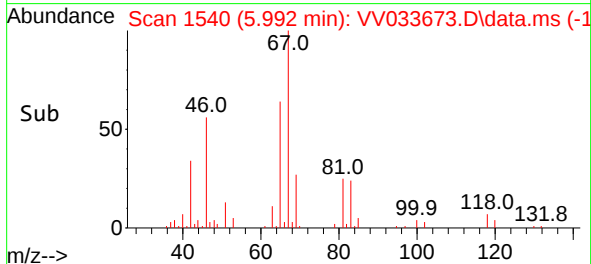
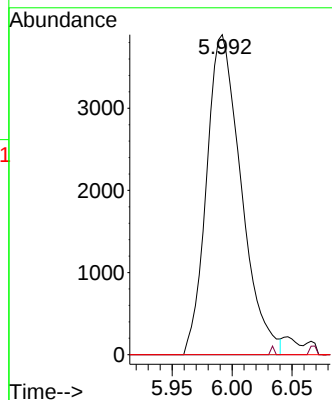
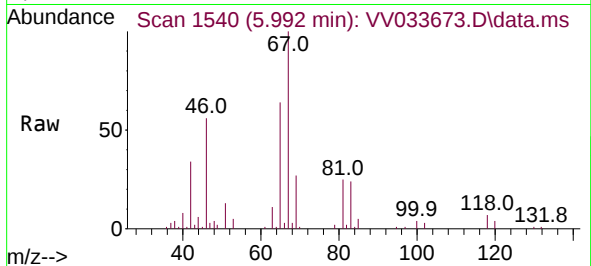




#35
Methylcyclohexane
Concen: 0.495 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

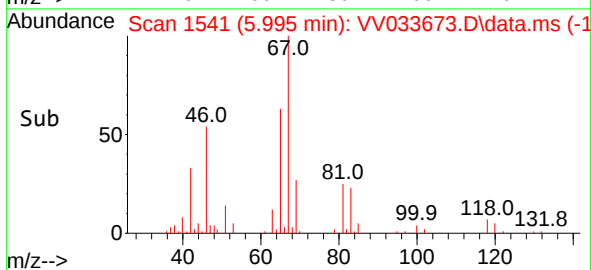
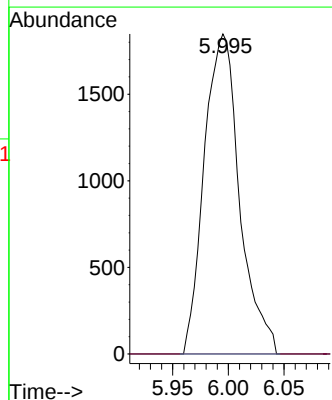
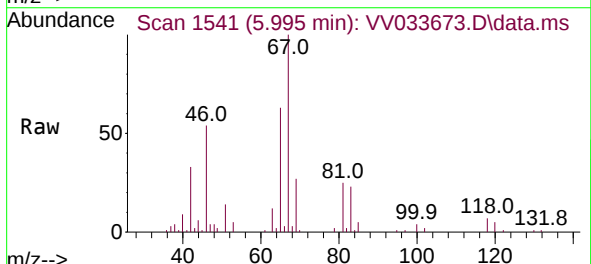
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MSVOA_V
ClientSampleId :

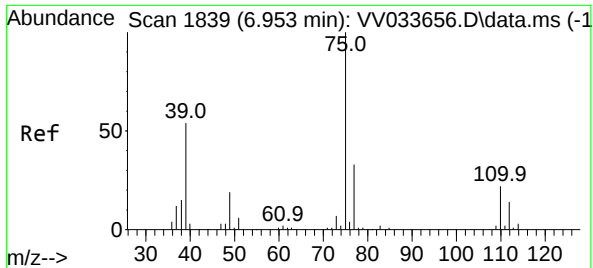
Tgt Ion: 83 Resp: 7805
Ion Ratio Lower Upper
83 100
55 0.3 68.7 103.1#
98 0.0 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.100 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

Tgt Ion: 63 Resp: 4088
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.036 min

Lab File: VV033673.D

Acq: 16 Jan 2024 16:10

Instrument :

MSVOA_V

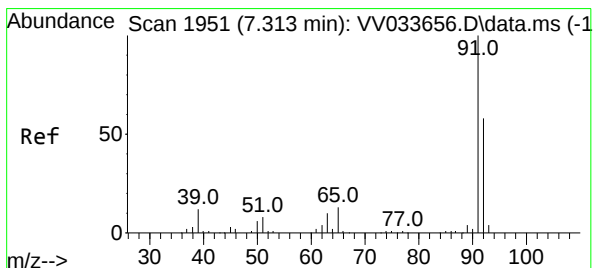
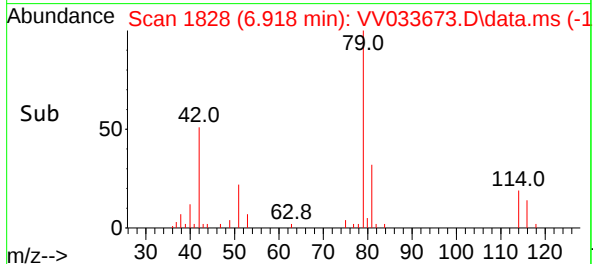
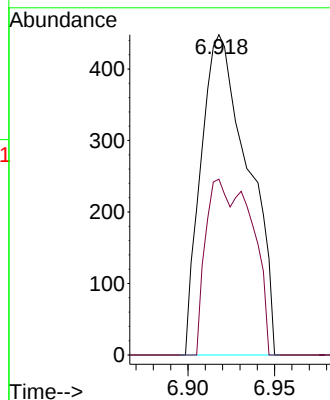
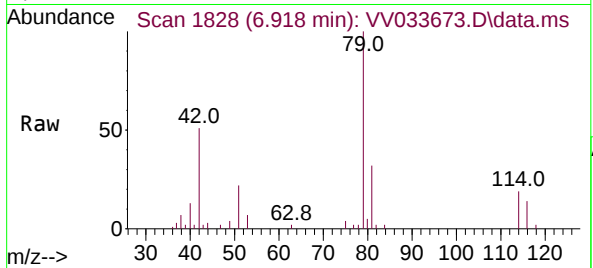
ClientSampleId :

Tgt Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

77 54.9 22.5 41.7#



#42

Toluene

Concen: 0.518 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV033673.D

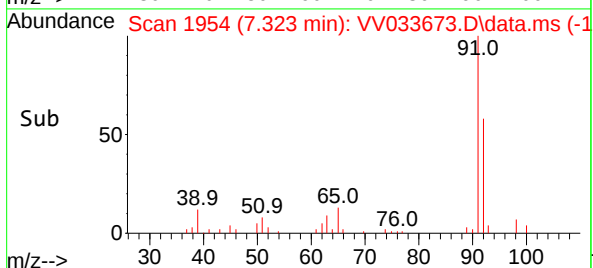
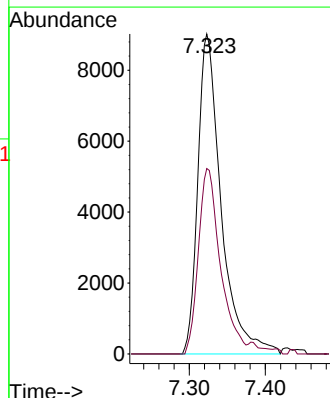
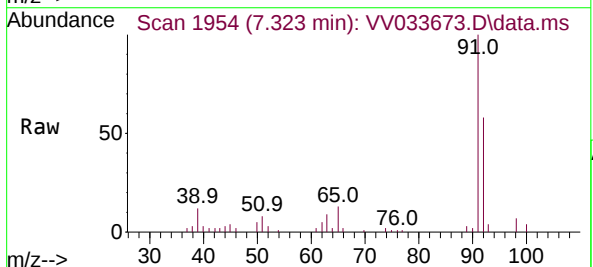
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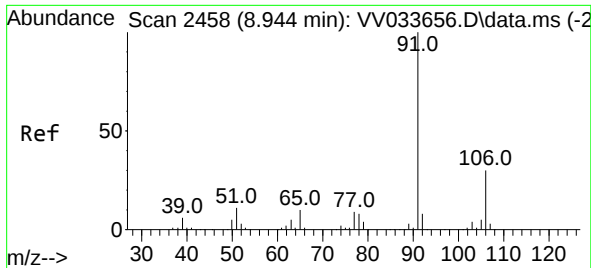
Tgt Ion: 91 Resp: 19195

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3

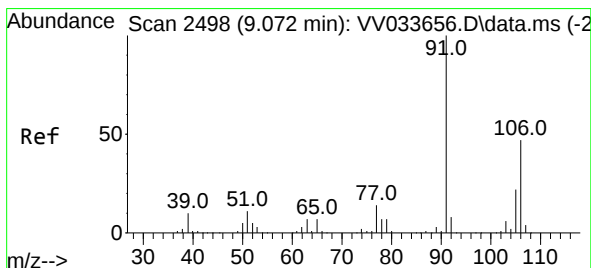
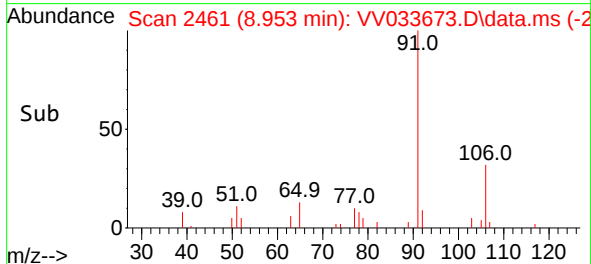
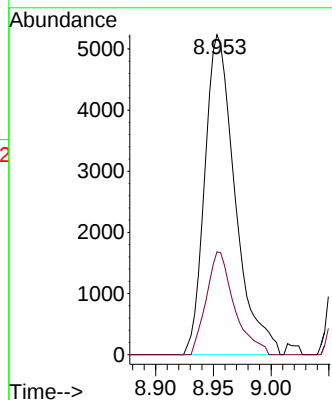
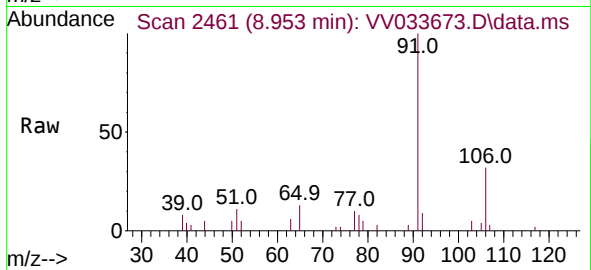




#52
Ethylbenzene
Concen: 0.223 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.009 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

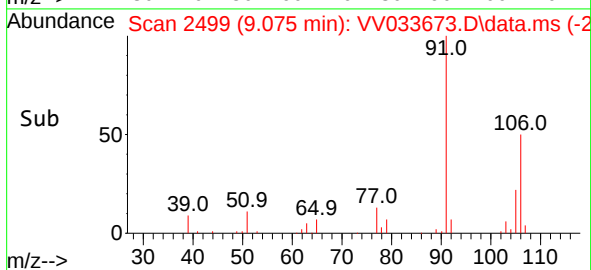
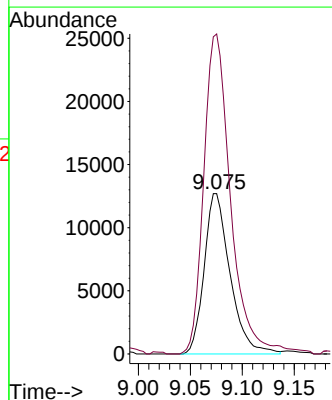
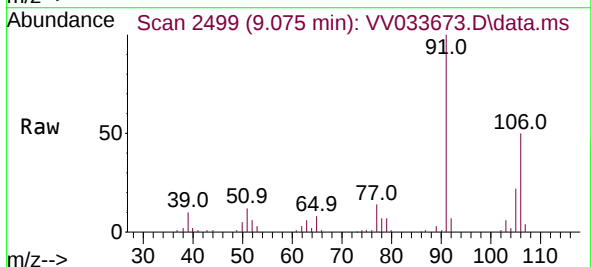
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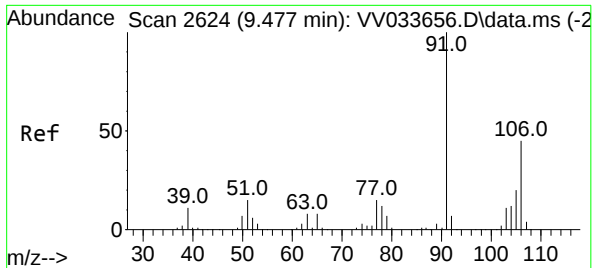
Tgt Ion: 91 Resp: 9559
Ion Ratio Lower Upper
91 100
106 32.1 20.6 38.4



#53
m,p-Xylene
Concen: 1.392 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

Tgt Ion: 106 Resp: 22005
Ion Ratio Lower Upper
106 100
91 199.5 146.2 271.4

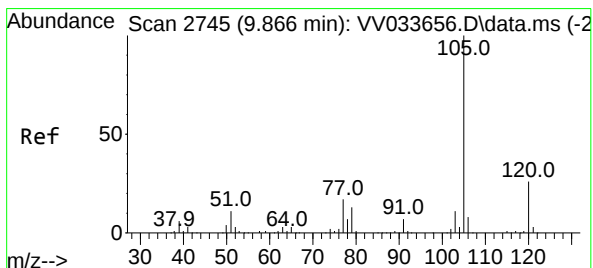
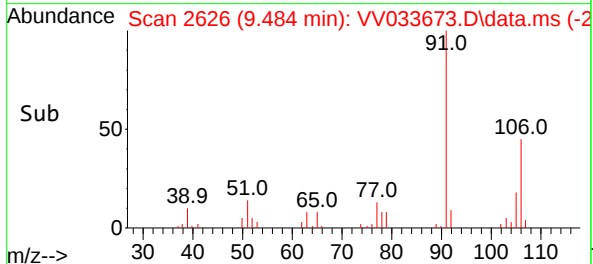
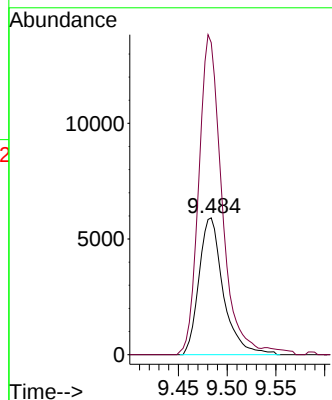
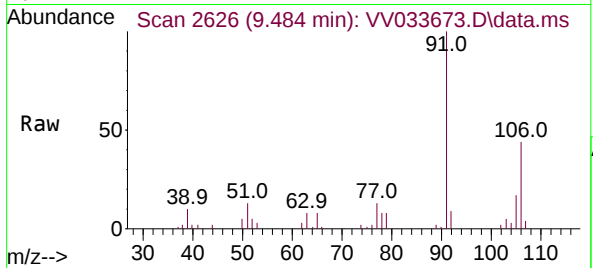




#54
o-Xylene
Concen: 0.668 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

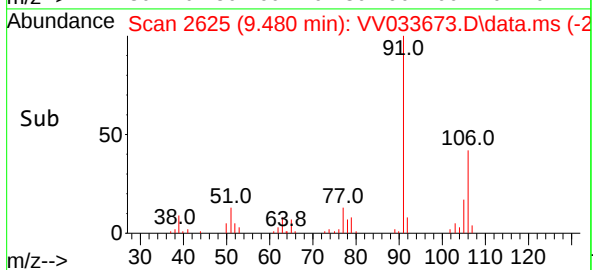
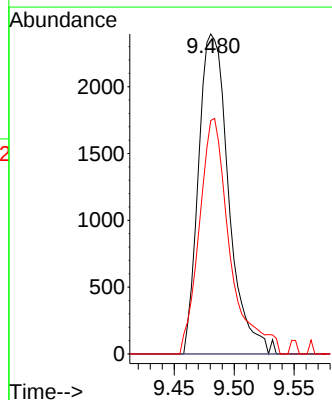
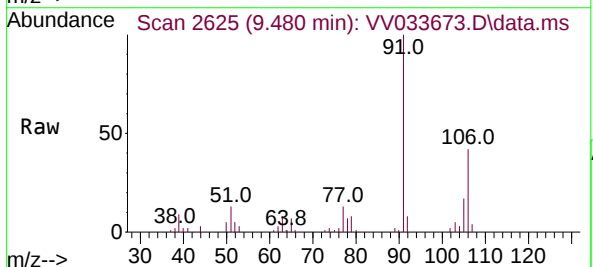
Instrument :
MSVOA_V
ClientSampleId :

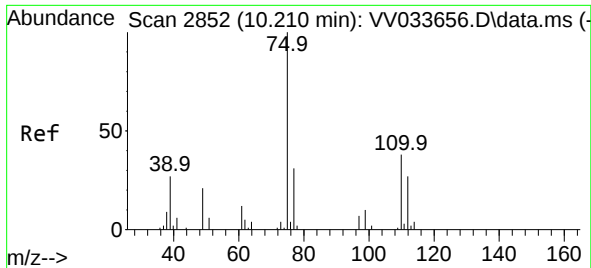
Tgt Ion:106 Resp: 10274
Ion Ratio Lower Upper
106 100
91 228.2 156.0 289.6



#60
Isopropylbenzene
Concen: 0.106 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.386 min
Lab File: VV033673.D
Acq: 16 Jan 2024 16:10

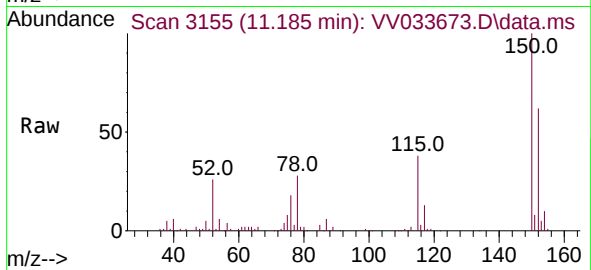
Tgt Ion:105 Resp: 4185
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.6#
77 74.7 13.4 20.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.721 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV033673.D
 Acq: 16 Jan 2024 16:10

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6904
 Ion Ratio Lower Upper
 75 100
 77 37.6 24.7 37.1#
 110 1.3 28.0 42.0#

