

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034261.D
 Acq On : 20 Feb 2024 11:39
 Operator : SY/MD
 Sample : P1503-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

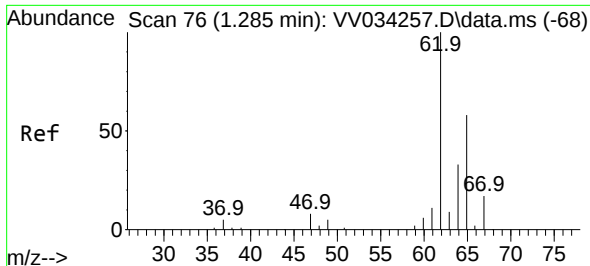
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 01:42:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	67682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	63023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	32034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	24203	4.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.536	69	20161	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.060	65	11391	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.812	46	34653	39.363	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.720%
24) Chloroform-d	4.249	84	45410	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.944	65	23775	5.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	4.960	84	85389	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.989	67	23859	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.243	98	80834	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.561	79	6855	3.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.031	63	29679	41.657	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.320%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15363	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	29951	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	5105	0.790	ug/L #	1
8) Chloroethane	1.298	64	179056	40.599	ug/L #	52
14) Carbon disulfide	2.243	76	3495	0.228	ug/L #	94
17) Methyl tert-butyl Ether	2.703	73	882	0.091	ug/L #	61
18) trans-1,2-Dichloroethene	2.696	96	8429	1.750	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	18059	3.305	ug/L	89
33) Benzene	5.018	78	1790	0.095	ug/L	100
35) Methylcyclohexane	5.989	83	6027	0.702	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3089	0.675	ug/L #	87
42) Toluene	7.330	91	2354	0.117	ug/L #	71
52) Ethylbenzene	8.953	91	2309	0.099	ug/L	100
61) 1,2,3-Trichloropropane	11.185	75	3826	1.737	ug/L #	62

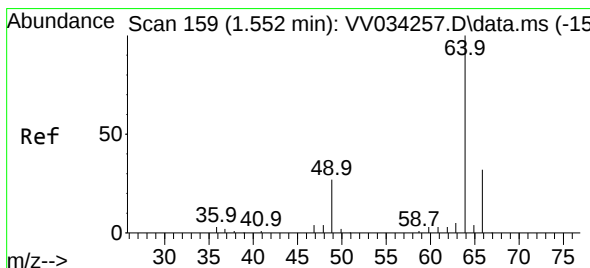
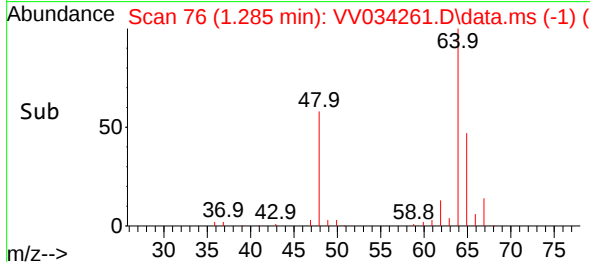
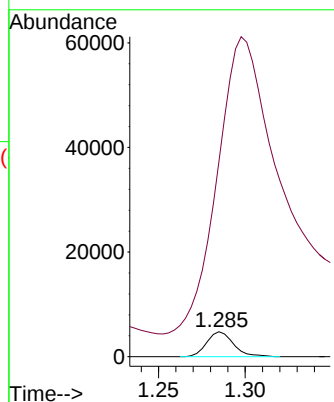
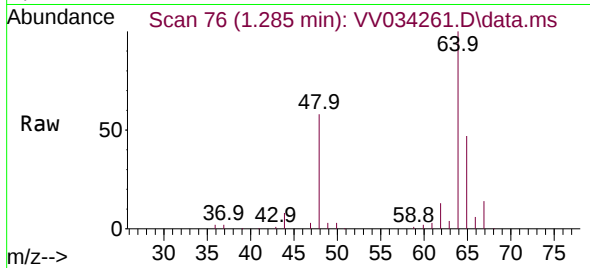
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.790 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034261.D
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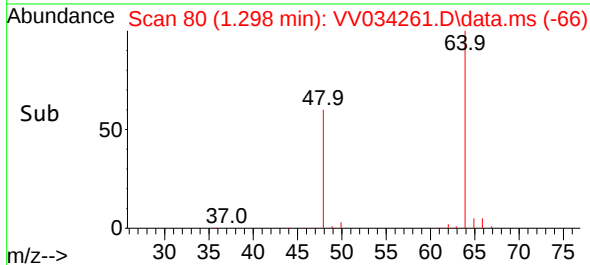
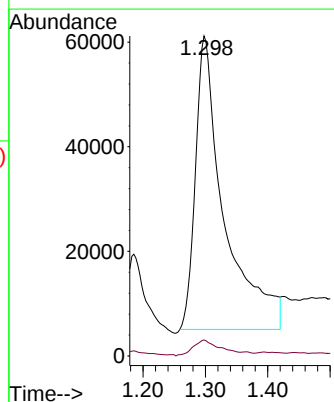
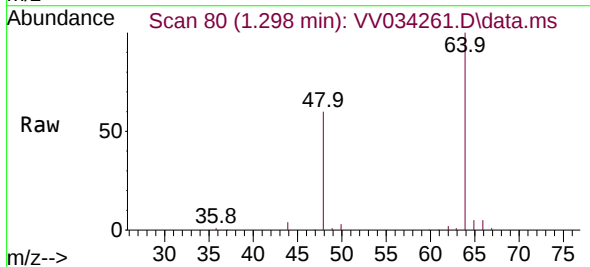
Instrument :
 MSVOA_V
 ClientSampleId :

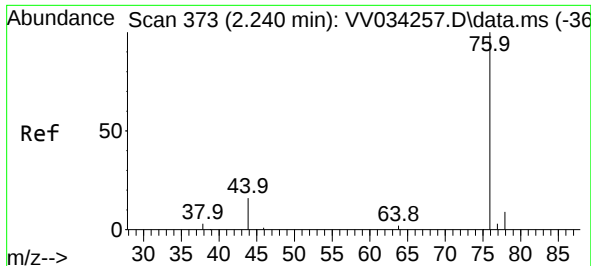
Tgt Ion: 62 Resp: 5105
 Ion Ratio Lower Upper
 62 100
 64 783.5 27.2 50.4#



#8
 Chloroethane
 Concen: 40.599 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.254 min
 Lab File: VV034261.D
 Acq: 20 Feb 2024 11:39

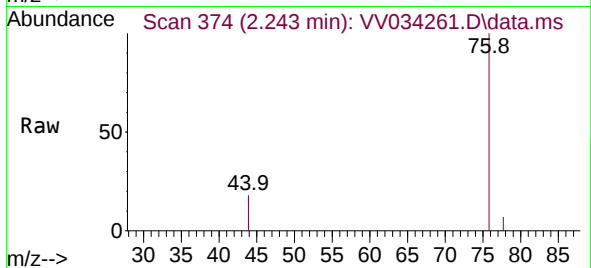
Tgt Ion: 64 Resp: 179056
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.0 41.0#



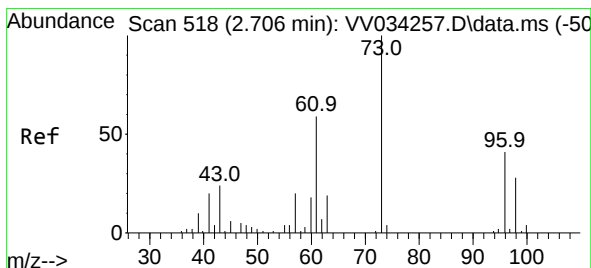
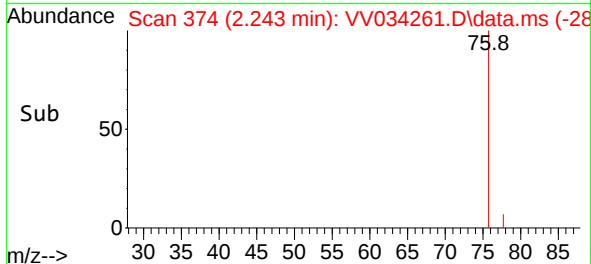
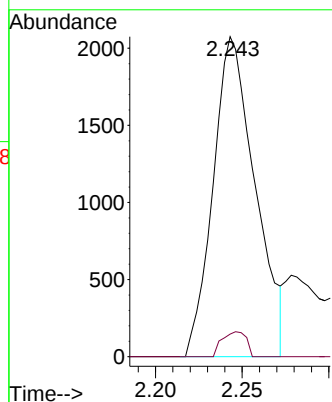


#14
Carbon disulfide
Concen: 0.228 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

Instrument :
MSVOA_V
ClientSampleId :

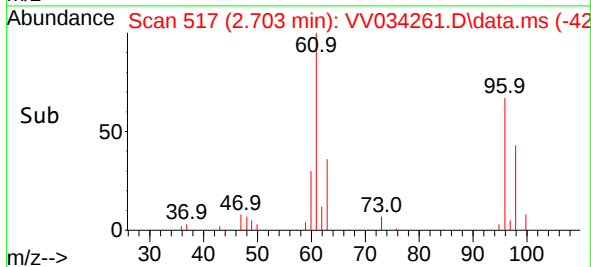
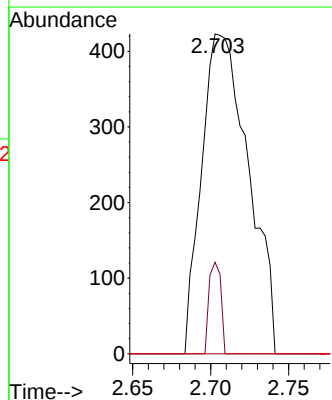
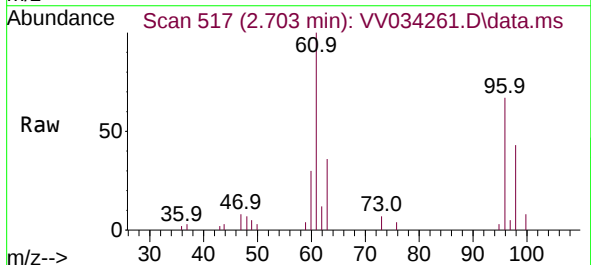


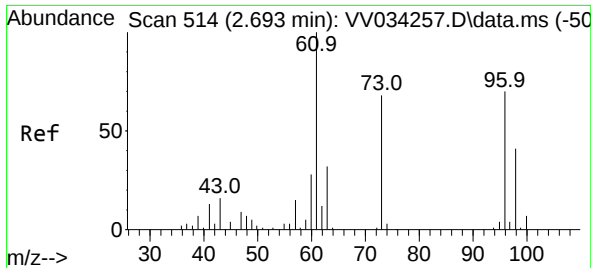
Tgt Ion: 76 Resp: 3495
Ion Ratio Lower Upper
76 100
78 7.1 7.5 11.3#



#17
Methyl tert-butyl Ether
Concen: 0.091 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

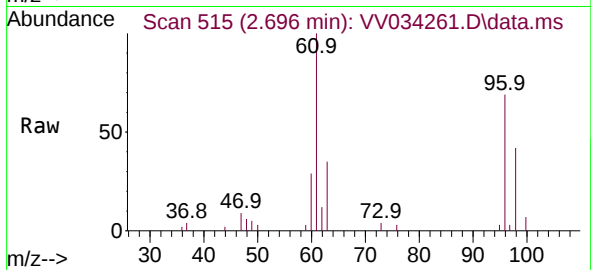
Tgt Ion: 73 Resp: 882
Ion Ratio Lower Upper
73 100
43 7.3 17.7 26.5#
57 0.0 17.9 26.9#



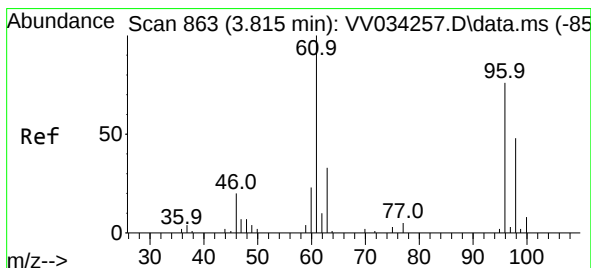
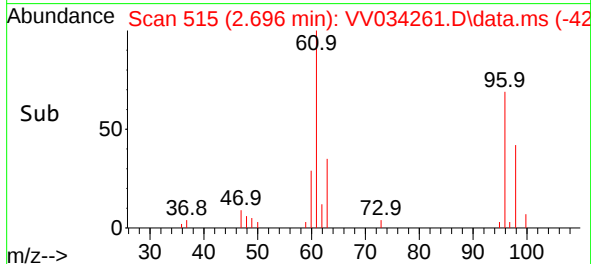
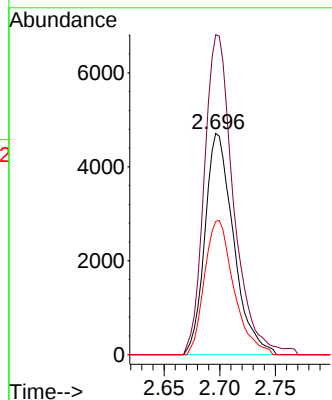


#18
trans-1,2-Dichloroethene
Concen: 1.750 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

Instrument :
MSVOA_V
ClientSampleId :

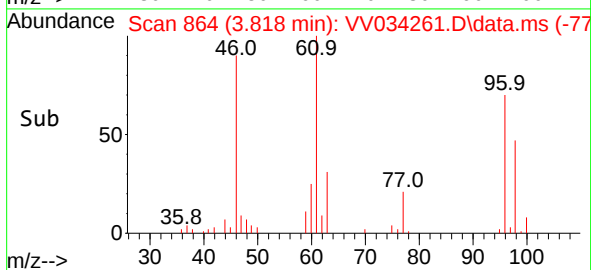
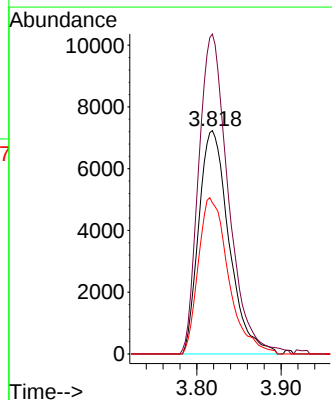
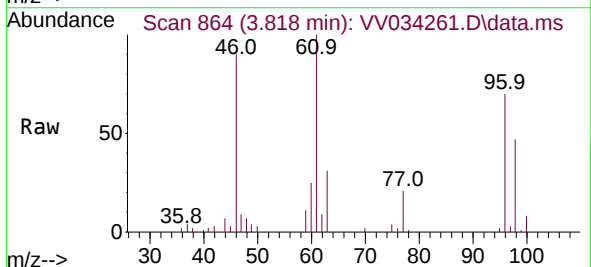


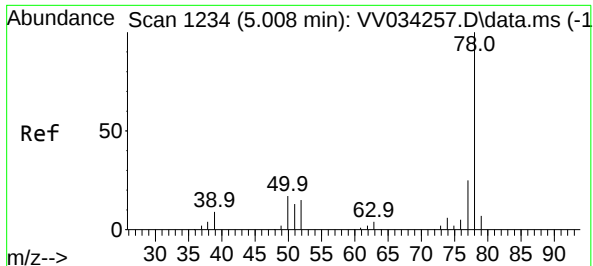
Tgt Ion: 96 Resp: 8429
Ion Ratio Lower Upper
96 100
61 144.6 97.6 181.4
98 60.3 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 3.305 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

Tgt Ion: 96 Resp: 18059
Ion Ratio Lower Upper
96 100
61 143.3 90.3 167.7
98 67.7 43.2 80.2

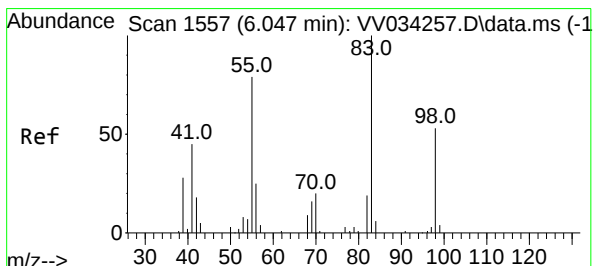
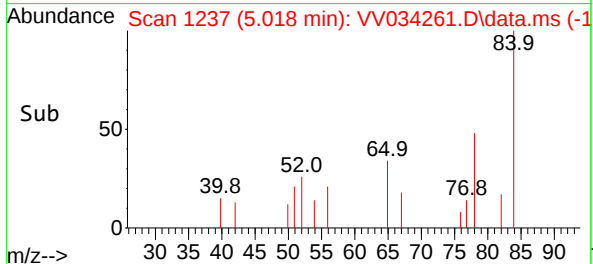
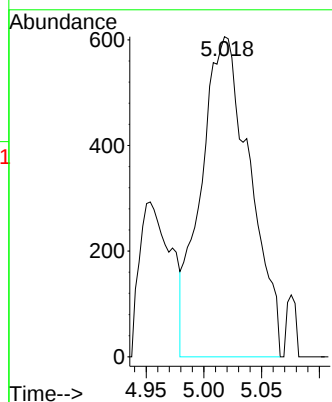
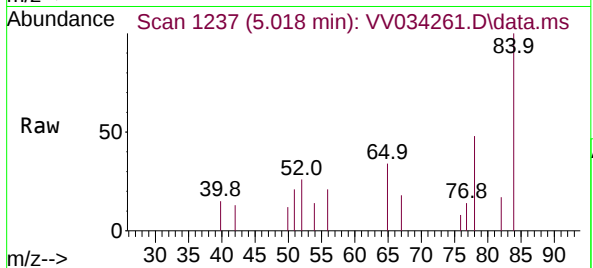




#33
Benzene
Concen: 0.095 ug/L
RT: 5.018 min Scan# 1539
Delta R.T. 0.010 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

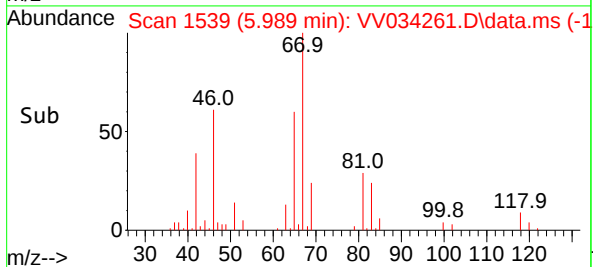
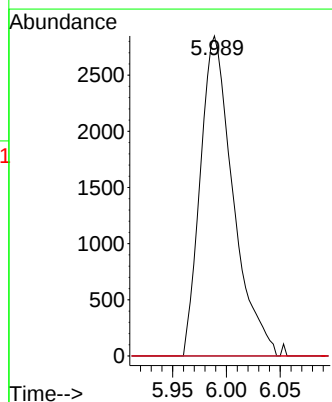
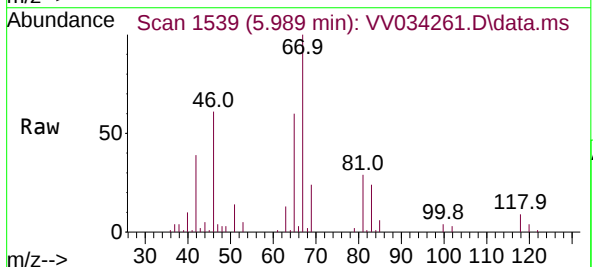
Instrument :
MSVOA_V
ClientSampleId :

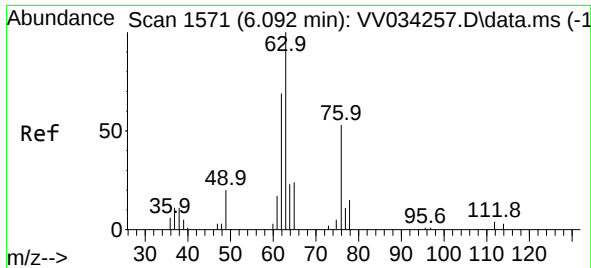
Tgt Ion: 78 Resp: 1790



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

Tgt Ion: 83 Resp: 6027
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034261.D

Acq: 20 Feb 2024 11:39

Instrument :

MSVOA_V

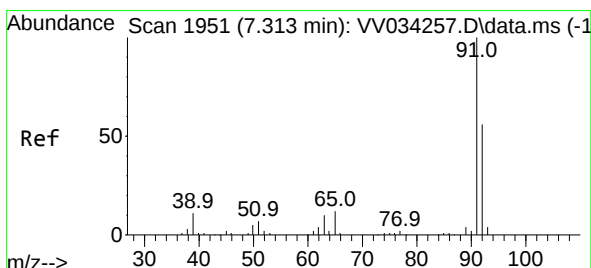
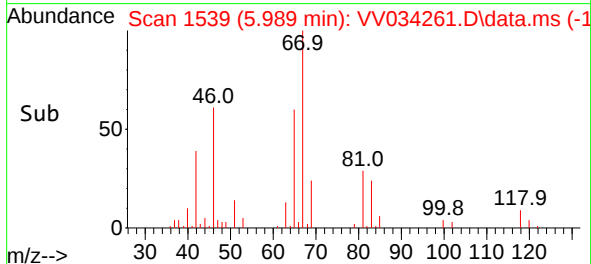
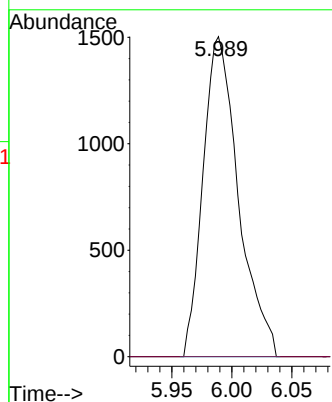
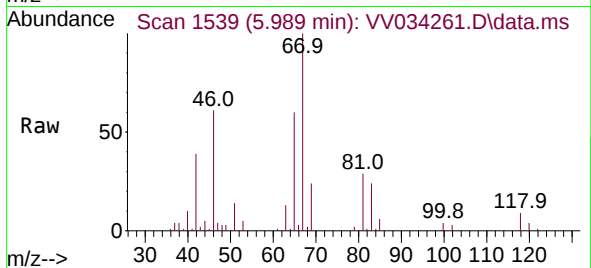
ClientSampleId :

Tgt Ion: 63 Resp: 3089

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.117 ug/L

RT: 7.330 min Scan# 1956

Delta R.T. 0.016 min

Lab File: VV034261.D

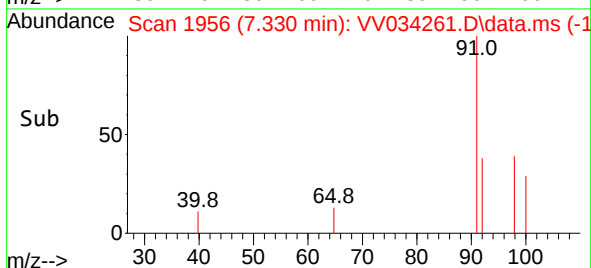
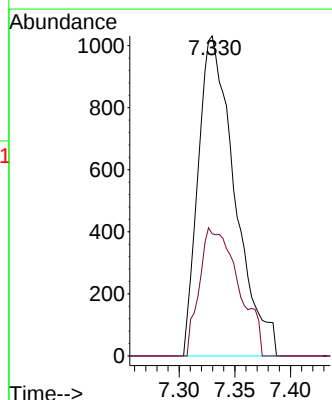
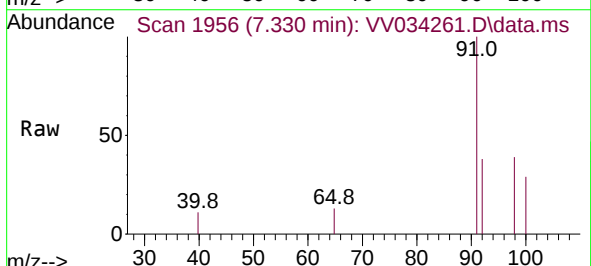
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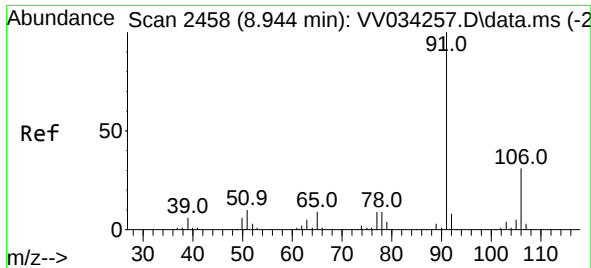
Tgt Ion: 91 Resp: 2354

Ion Ratio Lower Upper

91 100

92 38.2 42.1 78.3#

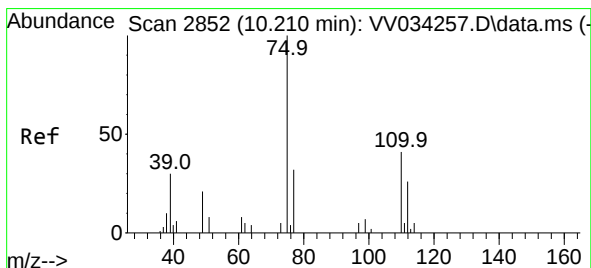
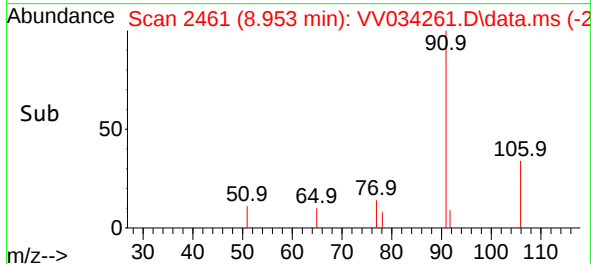
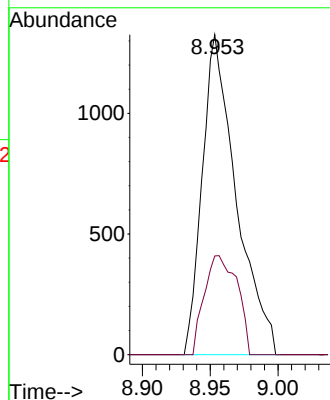
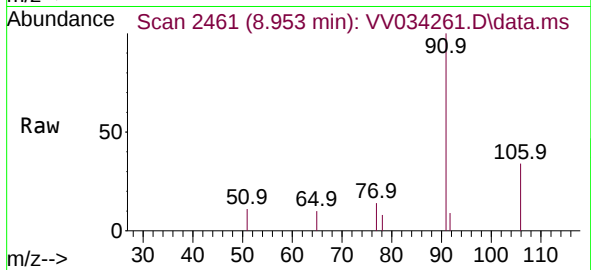




#52
Ethylbenzene
Concen: 0.099 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 2309
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8



#61
1,2,3-Trichloropropane
Concen: 1.737 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034261.D
Acq: 20 Feb 2024 11:39

Tgt Ion: 75 Resp: 3826
Ion Ratio Lower Upper
75 100
77 35.3 26.9 40.3
110 0.0 33.3 49.9#

