

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034251.D
 Acq On : 19 Feb 2024 18:21
 Operator : SY/MD
 Sample : P1503-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 03:30:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

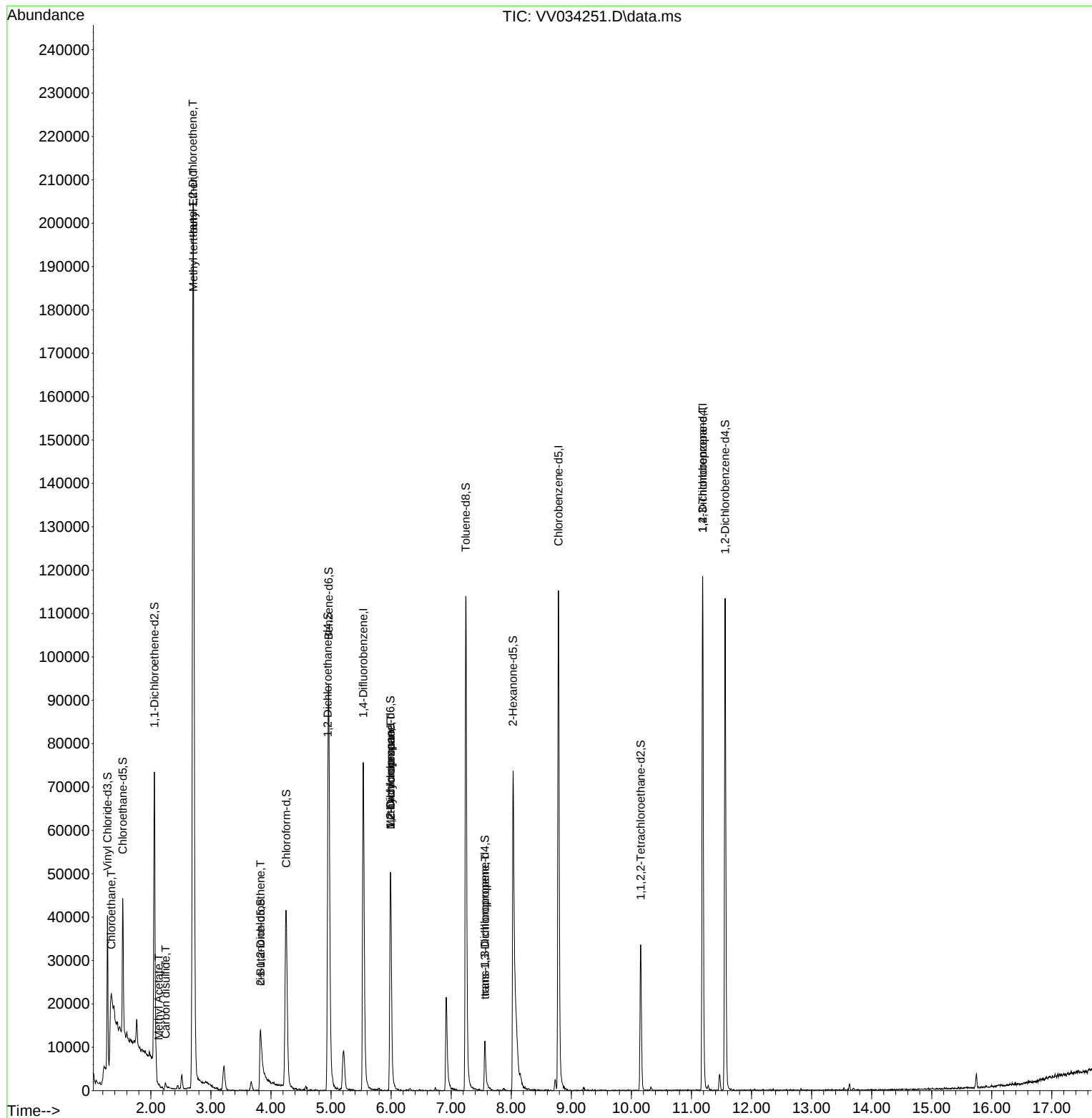
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	66676	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	61911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	31046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22870	4.429	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	19792	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.060	65	11491	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.825	46	23991	27.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.320%
24) Chloroform-d	4.252	84	45086	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	21867	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.960	84	82842	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.989	67	23055	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.243	98	76413	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.561	79	8379	4.274	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.030	63	34549	49.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15294	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28615	5.068	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.343	64	39198	9.022	ug/L #	53
14) Carbon disulfide	2.246	76	2316	0.154	ug/L #	74
15) Methyl Acetate	2.130	43	415	0.267	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	207363	21.667	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	1176	0.248	ug/L	95
22) cis-1,2-Dichloroethene	3.825	96	2414	0.448	ug/L	94
35) Methylcyclohexane	5.992	83	6144	0.728	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3214	0.715	ug/L #	87
44) trans-1,3-Dichloropropene	7.564	75	424	0.081	ug/L #	61
61) 1,2,3-Trichloropropane	11.188	75	3484	1.632	ug/L #	60

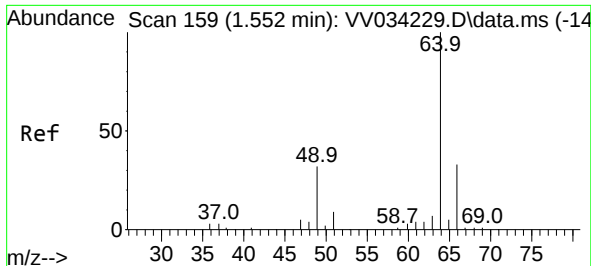
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 20 03:30:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 20 01:47:35 2024
Response via : Initial Calibration

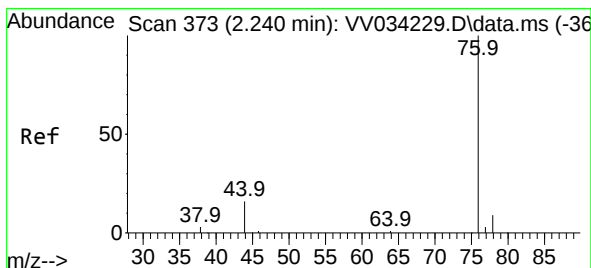
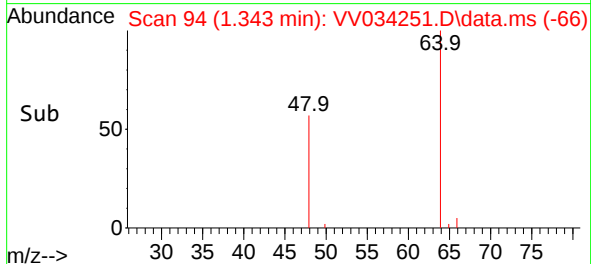
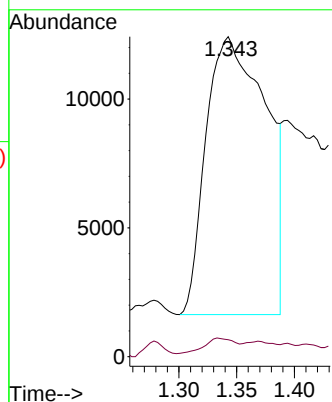
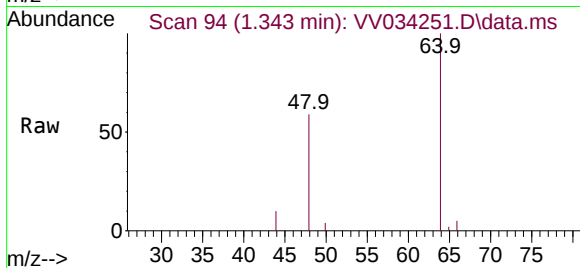




#8
Chloroethane
Concen: 9.022 ug/L
RT: 1.343 min Scan# 94
Delta R.T. -0.209 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

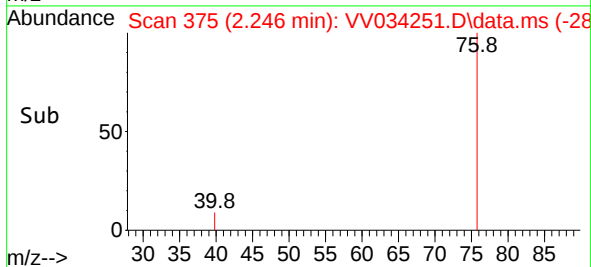
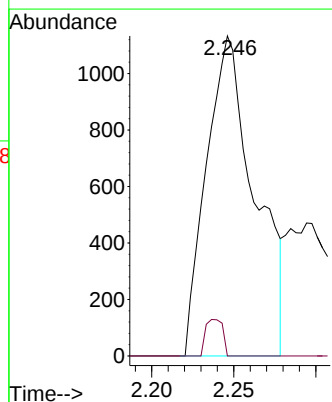
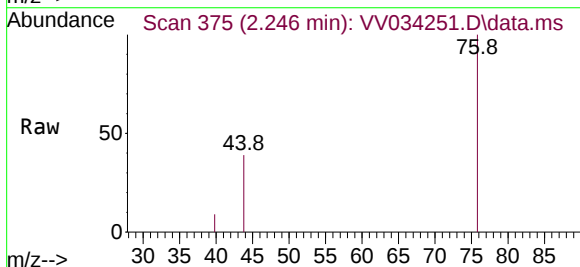
Instrument :
MSVOA_V
ClientSampleId :

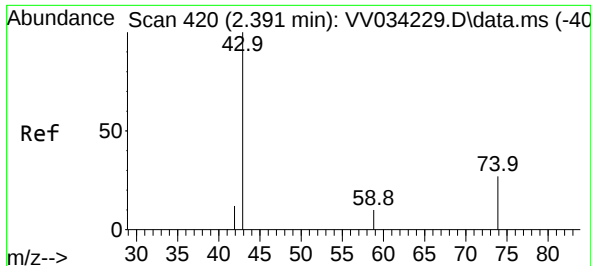
Tgt Ion: 64 Resp: 39198
Ion Ratio Lower Upper
64 100
66 5.3 22.0 41.0#



#14
Carbon disulfide
Concen: 0.154 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.006 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

Tgt Ion: 76 Resp: 2316
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

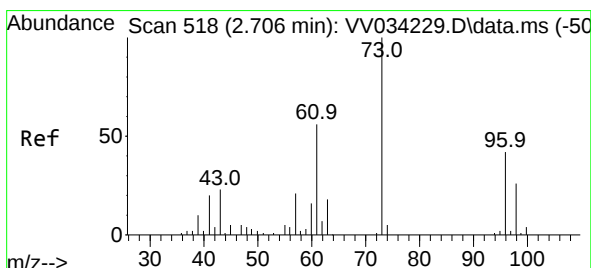
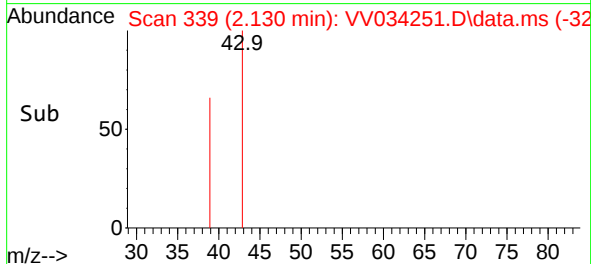
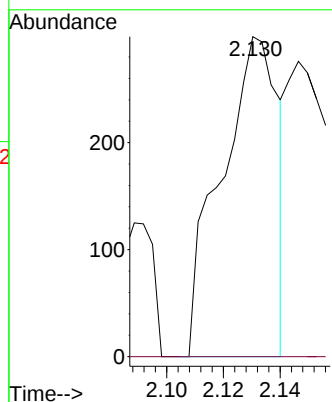
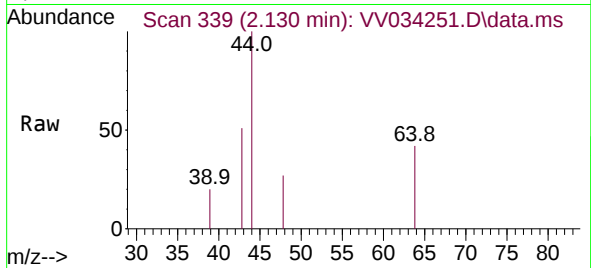




#15
Methyl Acetate
Concen: 0.267 ug/L
RT: 2.130 min Scan# 31
Delta R.T. -0.260 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

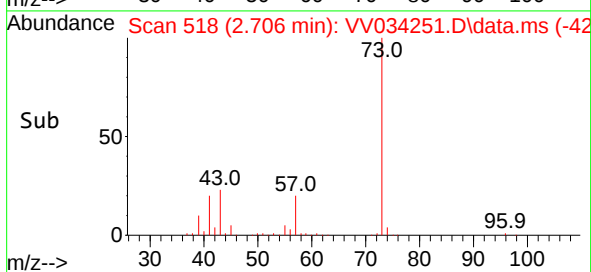
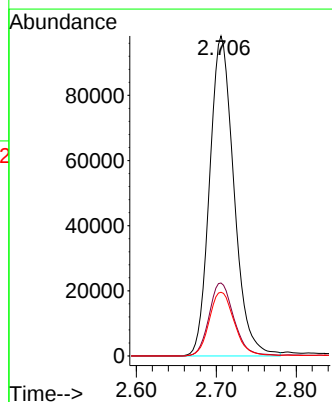
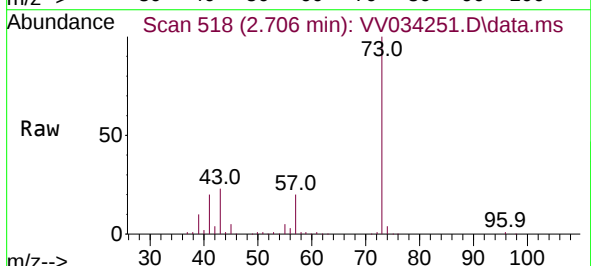
Instrument :
MSVOA_V
ClientSampleId :

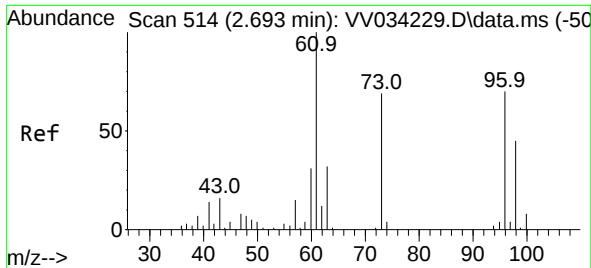
Tgt Ion: 43 Resp: 415
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 21.667 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

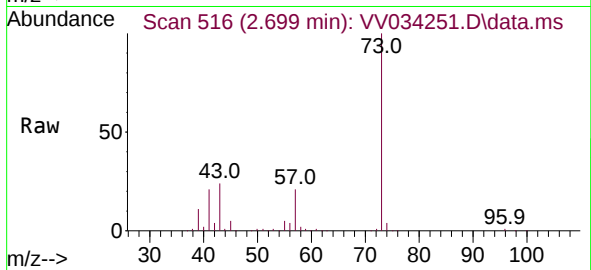
Tgt Ion: 73 Resp: 207363
Ion Ratio Lower Upper
73 100
43 23.3 17.7 26.5
57 20.6 17.9 26.9



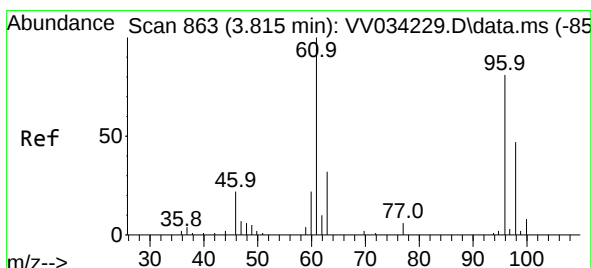
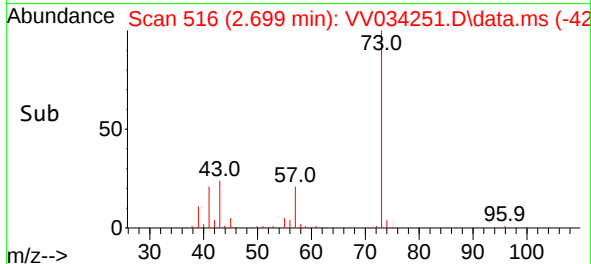
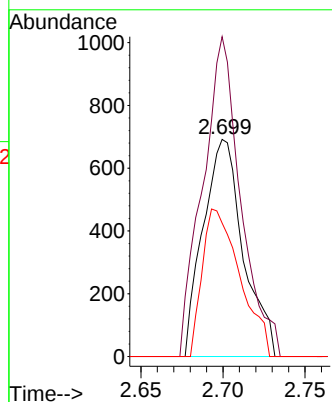


#18
trans-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

Instrument :
MSVOA_V
ClientSampleId :

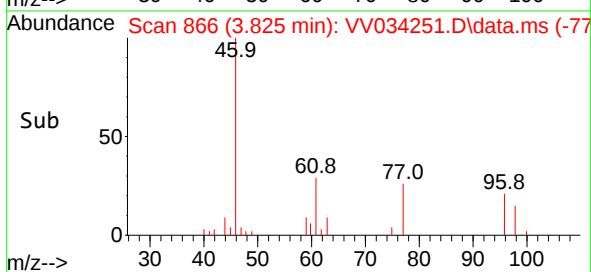
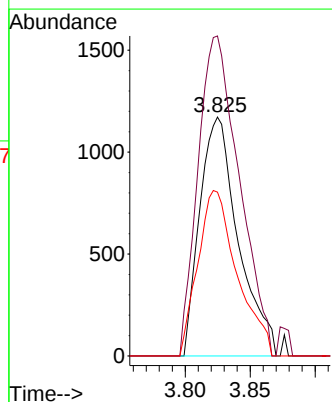
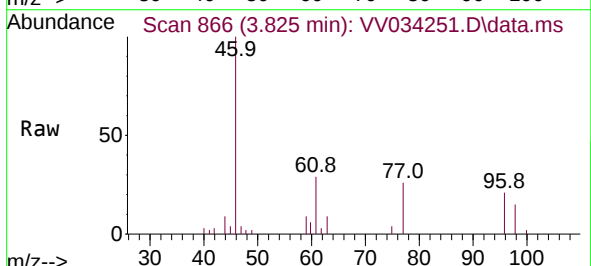


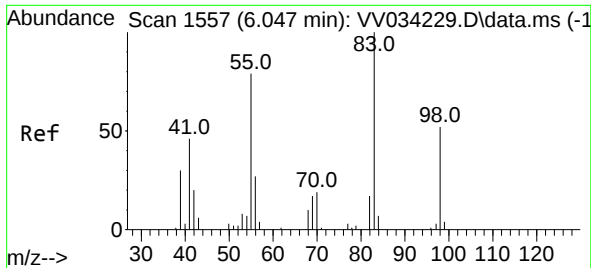
Tgt Ion: 96 Resp: 1176
Ion Ratio Lower Upper
96 100
61 147.3 97.6 181.4
98 61.4 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 0.448 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

Tgt Ion: 96 Resp: 2414
Ion Ratio Lower Upper
96 100
61 134.0 90.3 167.7
98 68.6 43.2 80.2

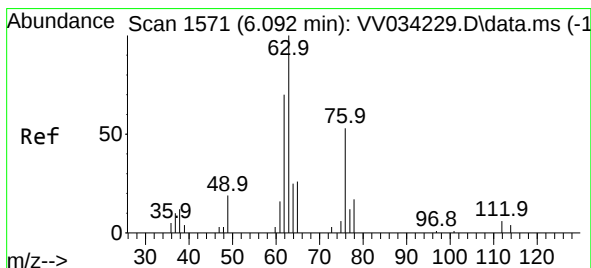
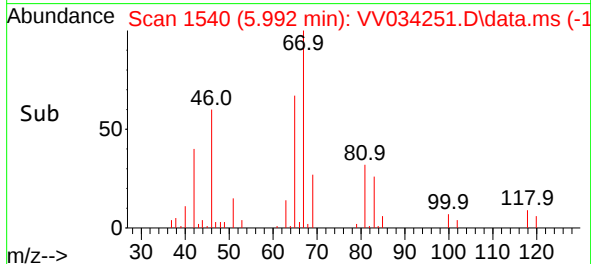
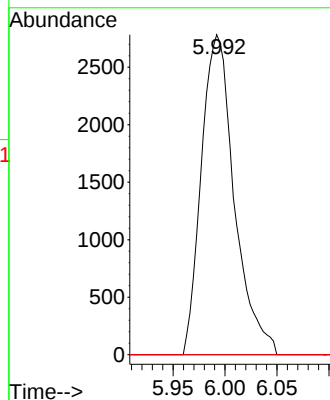
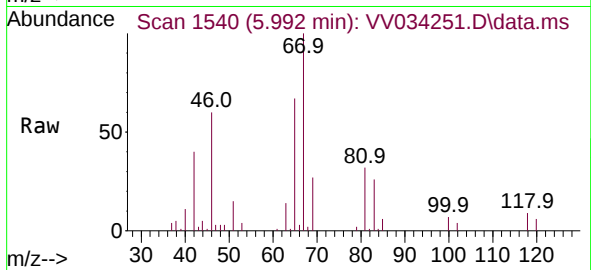




#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

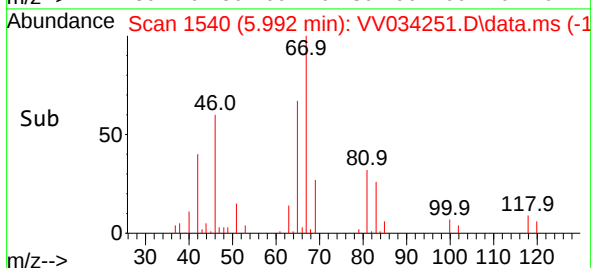
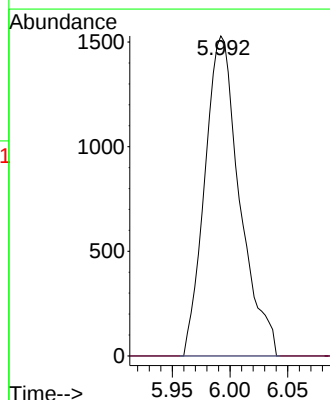
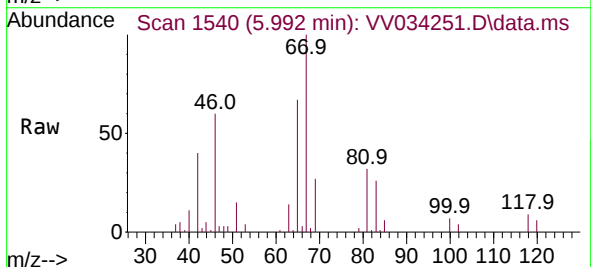
Instrument :
MSVOA_V
ClientSampleId :

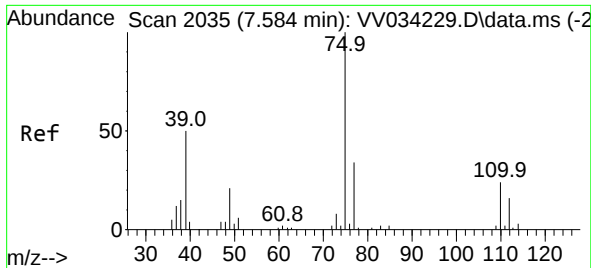
Tgt Ion: 83 Resp: 6144
Ion Ratio Lower Upper
83 100
55 0.7 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

Tgt Ion: 63 Resp: 3214
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

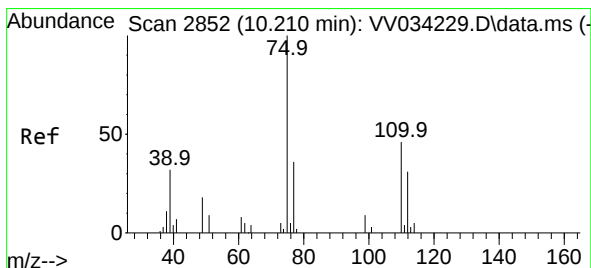
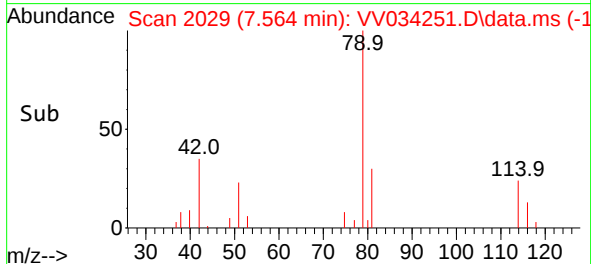
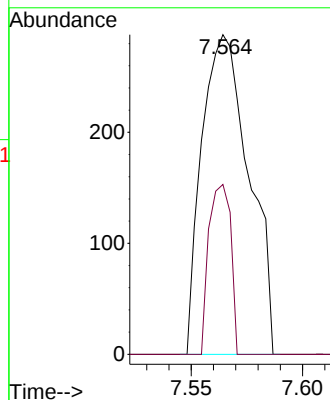
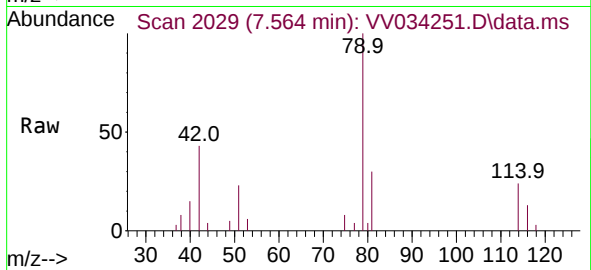




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.564 min Scan# 2035
Delta R.T. -0.019 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 424
Ion Ratio Lower Upper
75 100
77 53.1 22.2 41.2#



#61
1,2,3-Trichloropropane
Concen: 1.632 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV034251.D
Acq: 19 Feb 2024 18:21

Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
77 42.0 26.9 40.3#
110 3.2 33.3 49.9#

