

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021924\
 Data File : VV034246.D
 Acq On : 19 Feb 2024 16:18
 Operator : SY/MD
 Sample : P1503-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 03:29:49 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)

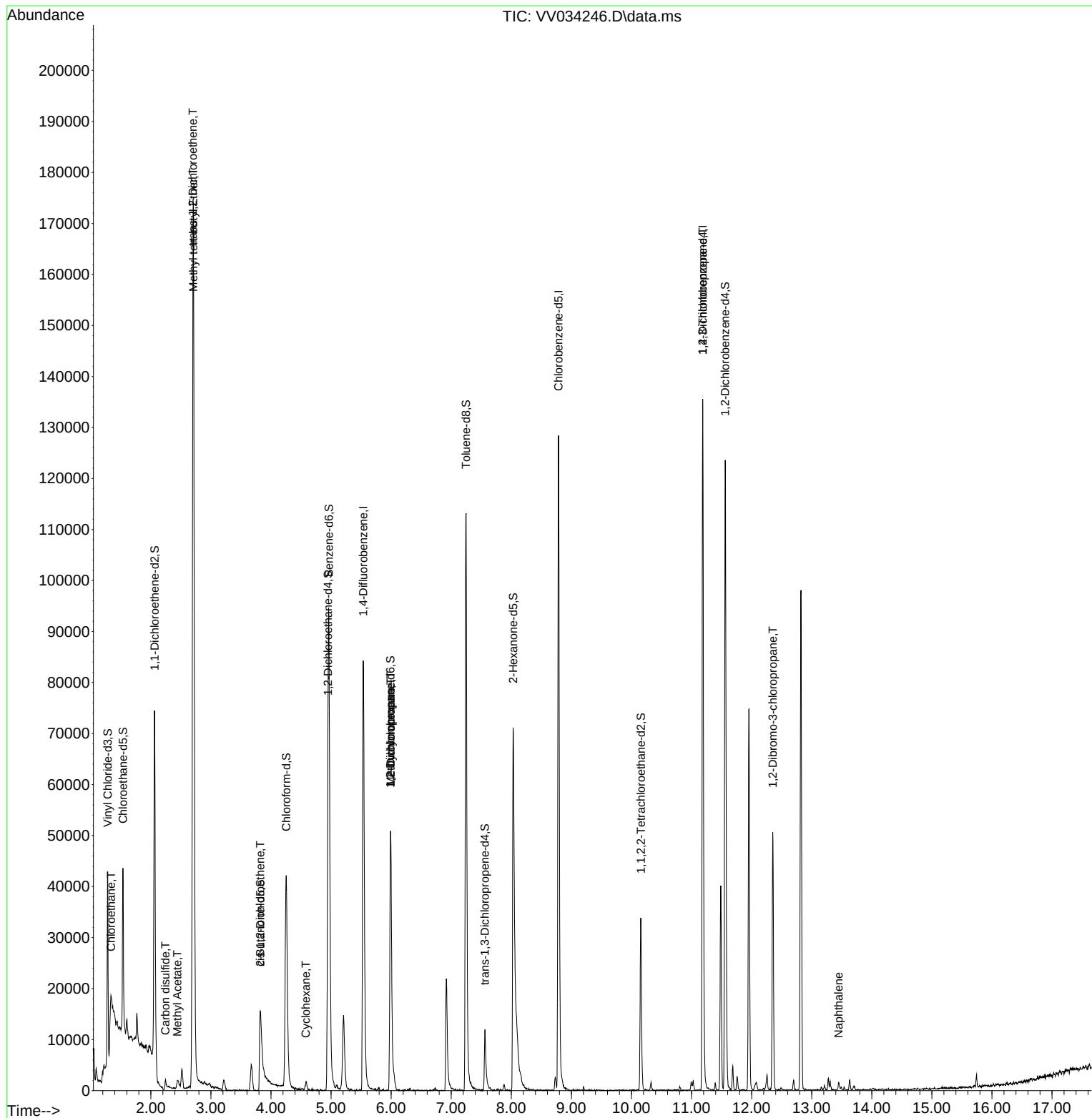
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69107	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22756	3.903	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.536	69	20434	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.063	65	11575	4.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.822	46	22364	22.842	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	45.680%
24) Chloroform-d	4.252	84	45295	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.947	65	22213	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	4.963	84	83869	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.989	67	23609	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.246	98	77815	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.561	79	7988	3.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.030	63	32685	41.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16130	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	29063	4.520	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
8) Chloroethane	1.336	64	19818	4.040	ug/L #	51
14) Carbon disulfide	2.243	76	2739	0.161	ug/L #	94
15) Methyl Acetate	2.439	43	519	0.295	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	177752	16.452	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	788	0.147	ug/L	85
22) cis-1,2-Dichloroethene	3.822	96	3557	0.585	ug/L	93
30) Cyclohexane	4.580	56	899	0.100	ug/L #	77
35) Methylcyclohexane	5.992	83	6108	0.649	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	2994	0.596	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4009	1.649	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.352	75	110	0.216	ug/L #	1
71) Naphthalene	13.448	128	1984	0.220	ug/L #	93

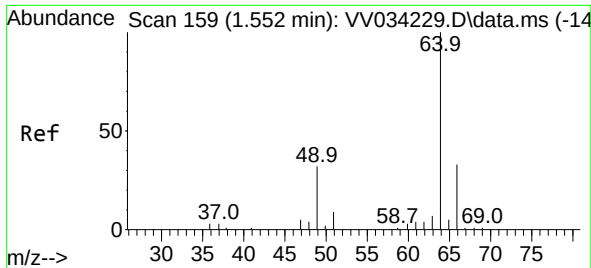
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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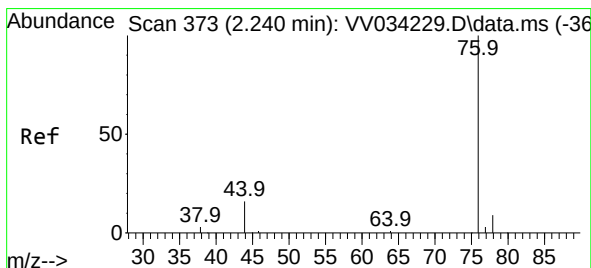
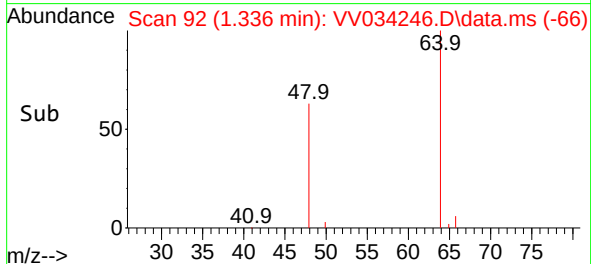
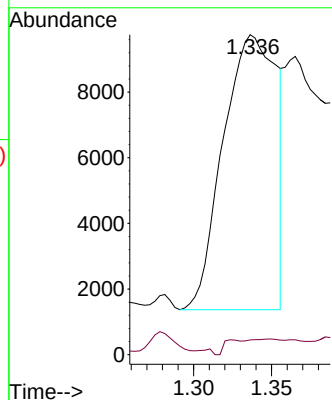
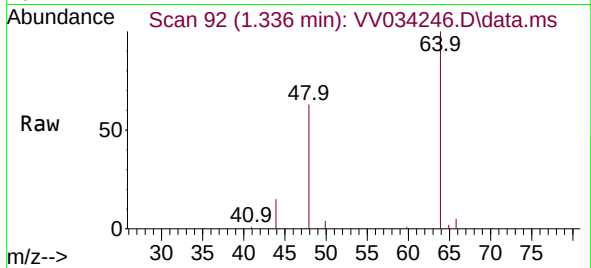




#8
Chloroethane
Concen: 4.040 ug/L
RT: 1.336 min Scan# 91
Delta R.T. -0.215 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

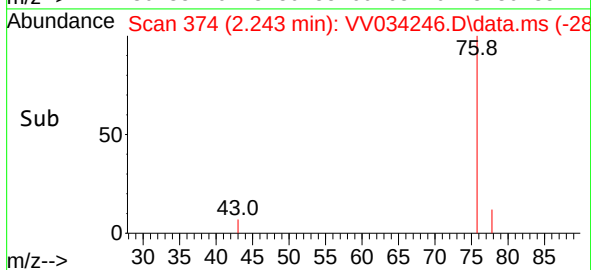
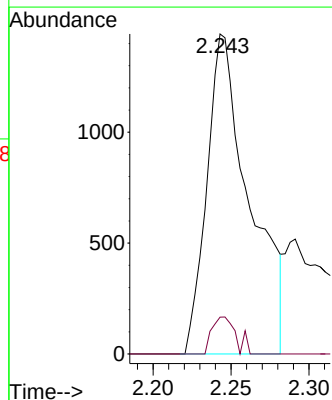
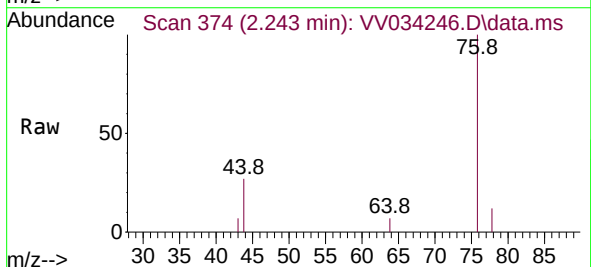
Instrument :
MSVOA_V
ClientSampleId :

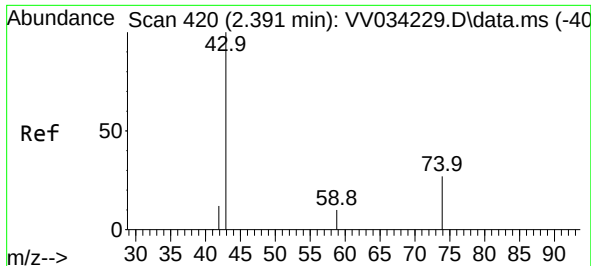
Tgt Ion: 64 Resp: 19818
Ion Ratio Lower Upper
64 100
66 4.6 22.0 41.0#



#14
Carbon disulfide
Concen: 0.161 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

Tgt Ion: 76 Resp: 2739
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#

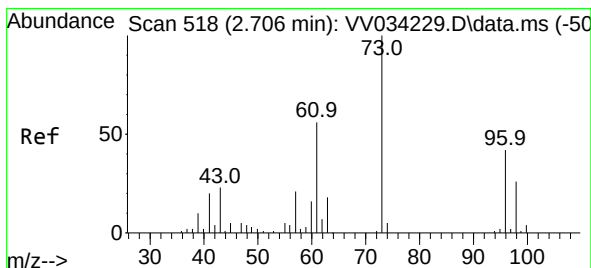
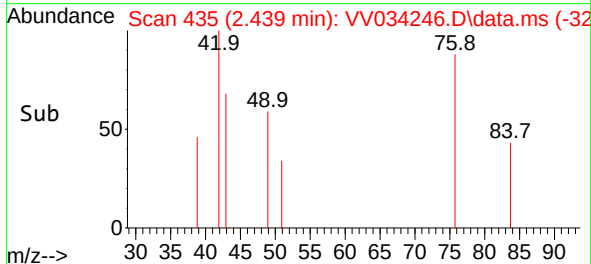
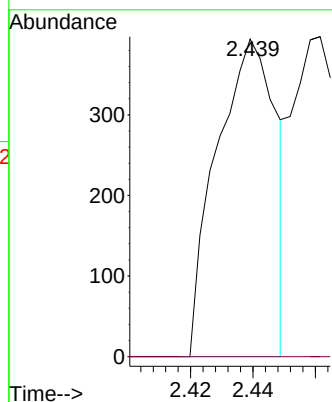
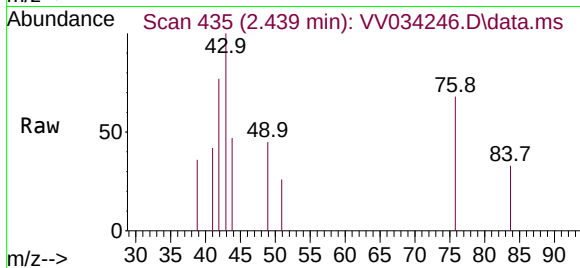




#15
Methyl Acetate
Concen: 0.295 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.048 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

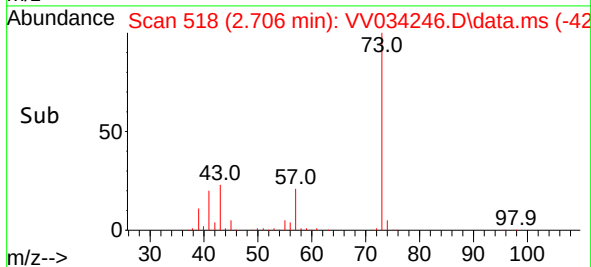
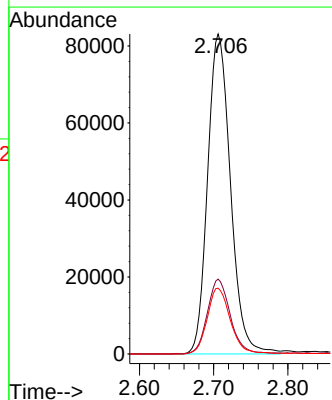
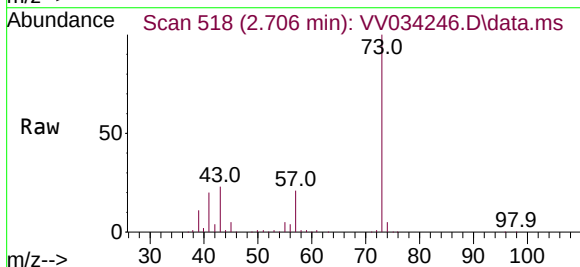
Instrument :
MSVOA_V
ClientSampleId :

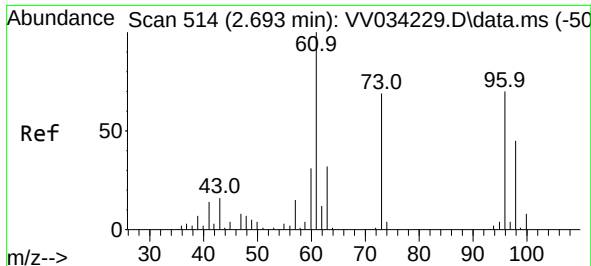
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 16.452 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

Tgt Ion: 73 Resp: 177752
Ion Ratio Lower Upper
73 100
43 23.4 17.7 26.5
57 20.6 17.9 26.9

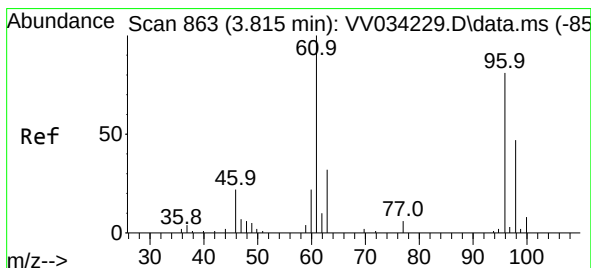
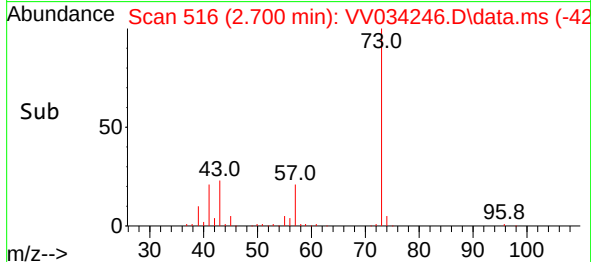
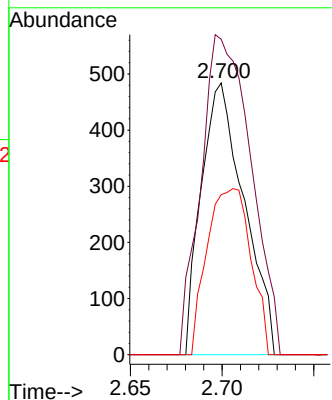
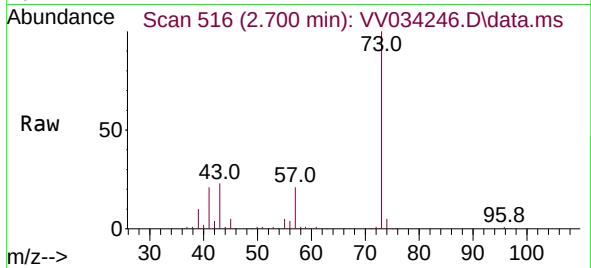




#18
trans-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 2.700 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

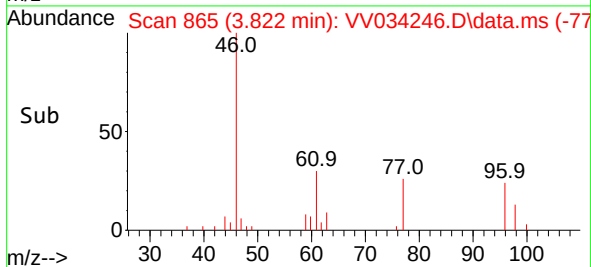
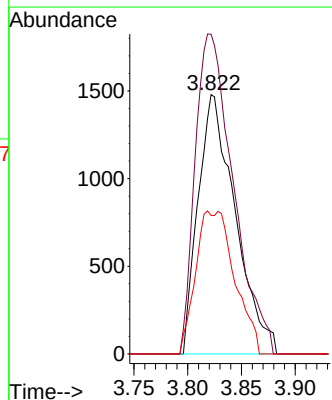
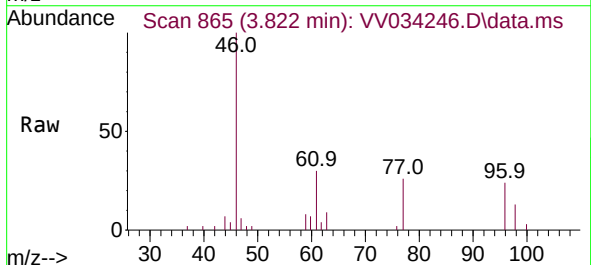
Instrument :
MSVOA_V
ClientSampleId :

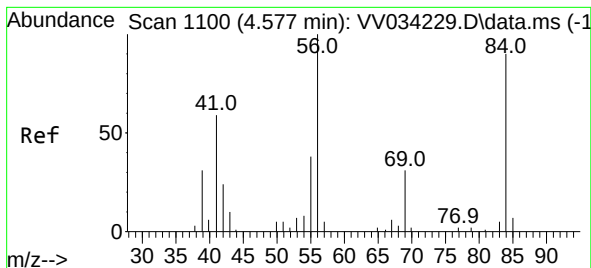
Tgt Ion: 96 Resp: 788
Ion Ratio Lower Upper
96 100
61 116.1 97.6 181.4
98 58.9 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 0.585 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

Tgt Ion: 96 Resp: 3557
Ion Ratio Lower Upper
96 100
61 123.3 90.3 167.7
98 53.4 43.2 80.2





#30

Cyclohexane

Concen: 0.100 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034246.D

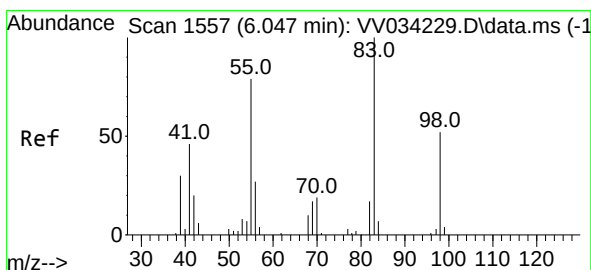
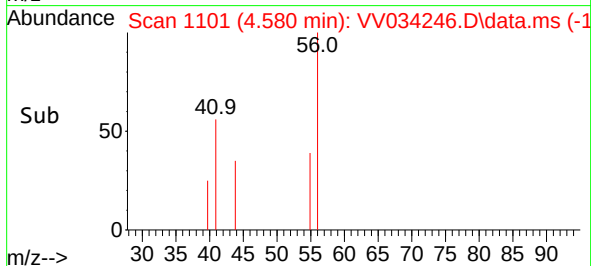
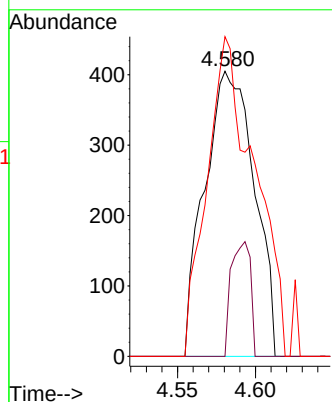
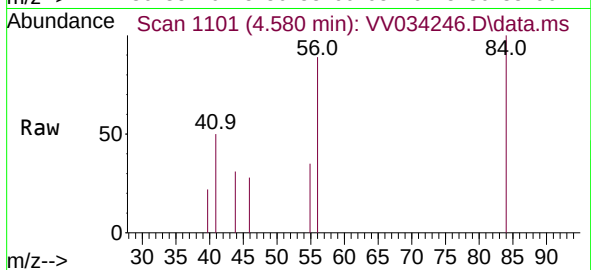
Acq: 19 Feb 2024 16:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	56	Resp:	899
Ion	Ratio	Lower	Upper
56	100		
69	15.6	24.2	36.2#
84	107.1	70.0	105.0#



#35

Methylcyclohexane

Concen: 0.649 ug/L

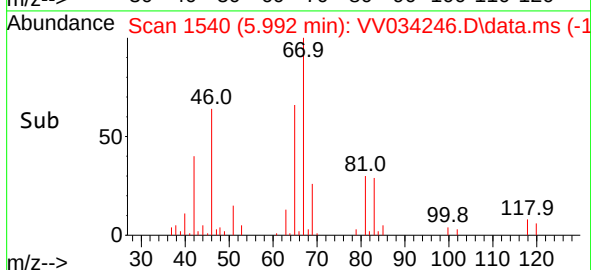
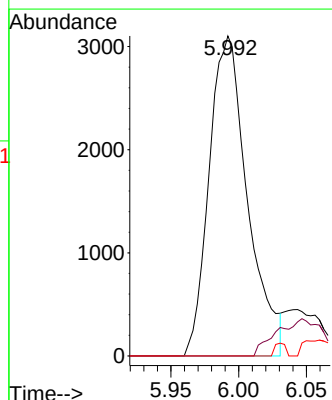
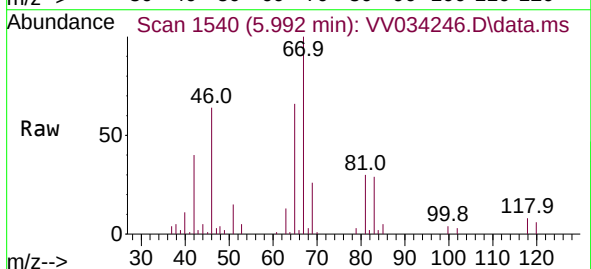
RT: 5.992 min Scan# 1540

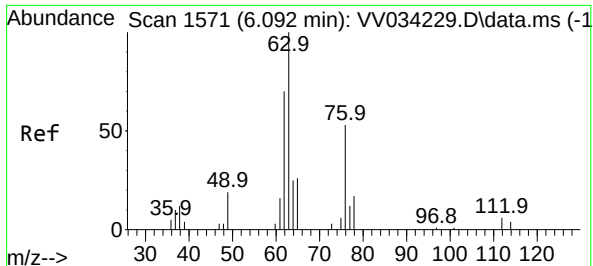
Delta R.T. -0.055 min

Lab File: VV034246.D

Acq: 19 Feb 2024 16:18

Tgt Ion:	83	Resp:	6108
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	1.1	39.0	58.4#

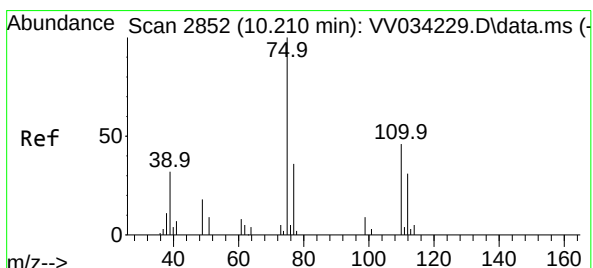
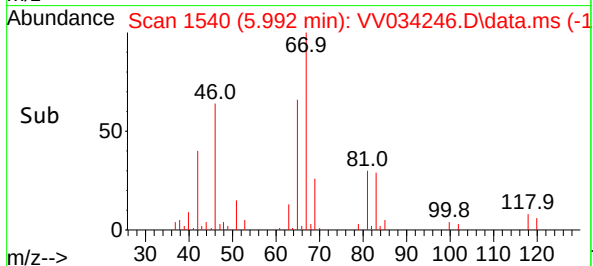
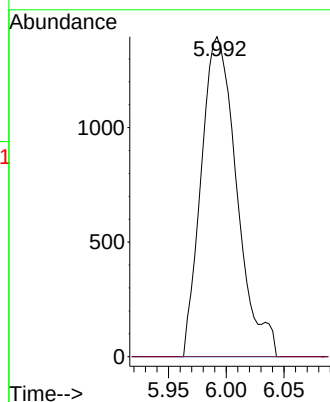
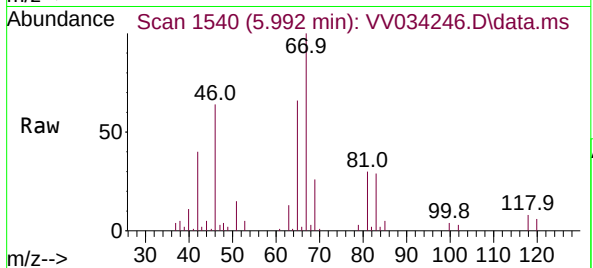




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

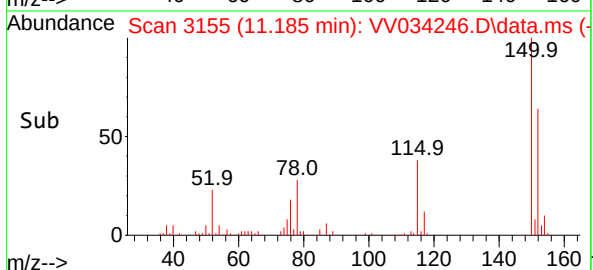
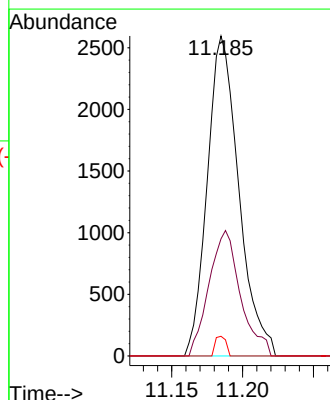
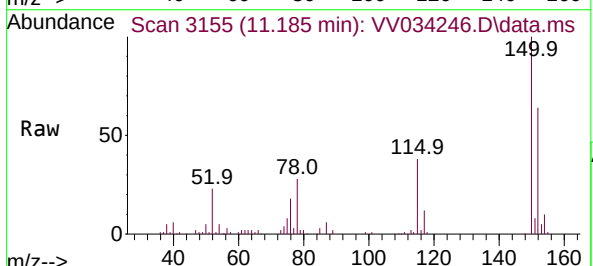
Instrument :
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ClientSampleId :

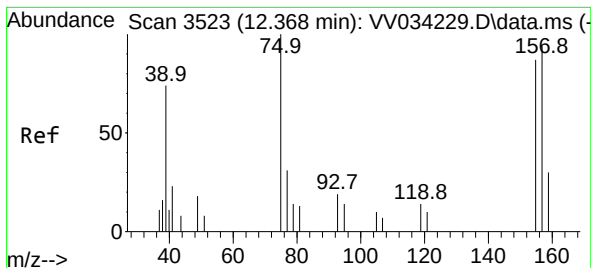
Tgt Ion: 63 Resp: 2994
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.649 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

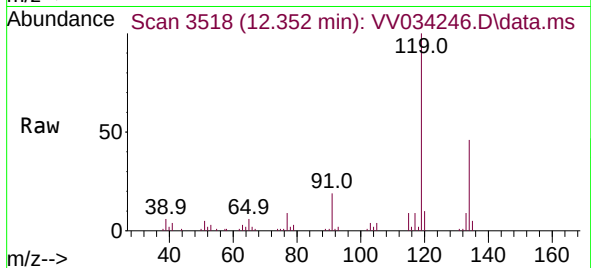
Tgt Ion: 75 Resp: 4009
Ion Ratio Lower Upper
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77 39.2 26.9 40.3
110 2.1 33.3 49.9#



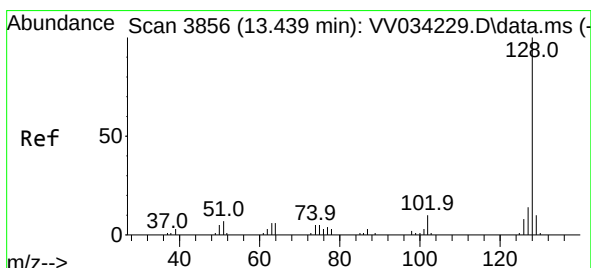
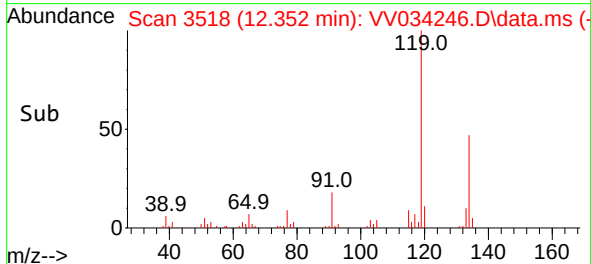
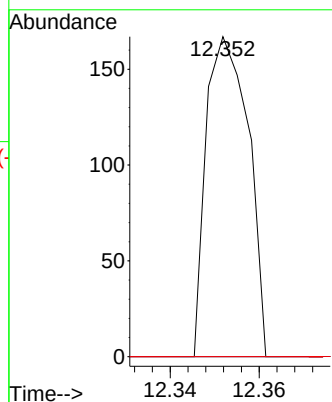


#68
1,2-Dibromo-3-chloropropane
Concen: 0.216 ug/L
RT: 12.352 min Scan# 311
Delta R.T. -0.016 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

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Tgt Ion: 75 Resp: 110
Ion Ratio Lower Upper
75 100
155 0.0 68.9 103.3#
157 0.0 84.6 127.0#



#71
Naphthalene
Concen: 0.220 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.010 min
Lab File: VV034246.D
Acq: 19 Feb 2024 16:18

Tgt Ion: 128 Resp: 1984
Ion Ratio Lower Upper
128 100
129 5.9 8.5 12.7#
127 11.8 10.4 15.6

