

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034247.D
 Acq On : 19 Feb 2024 16:43
 Operator : SY/MD
 Sample : P1503-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 03:30:03 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

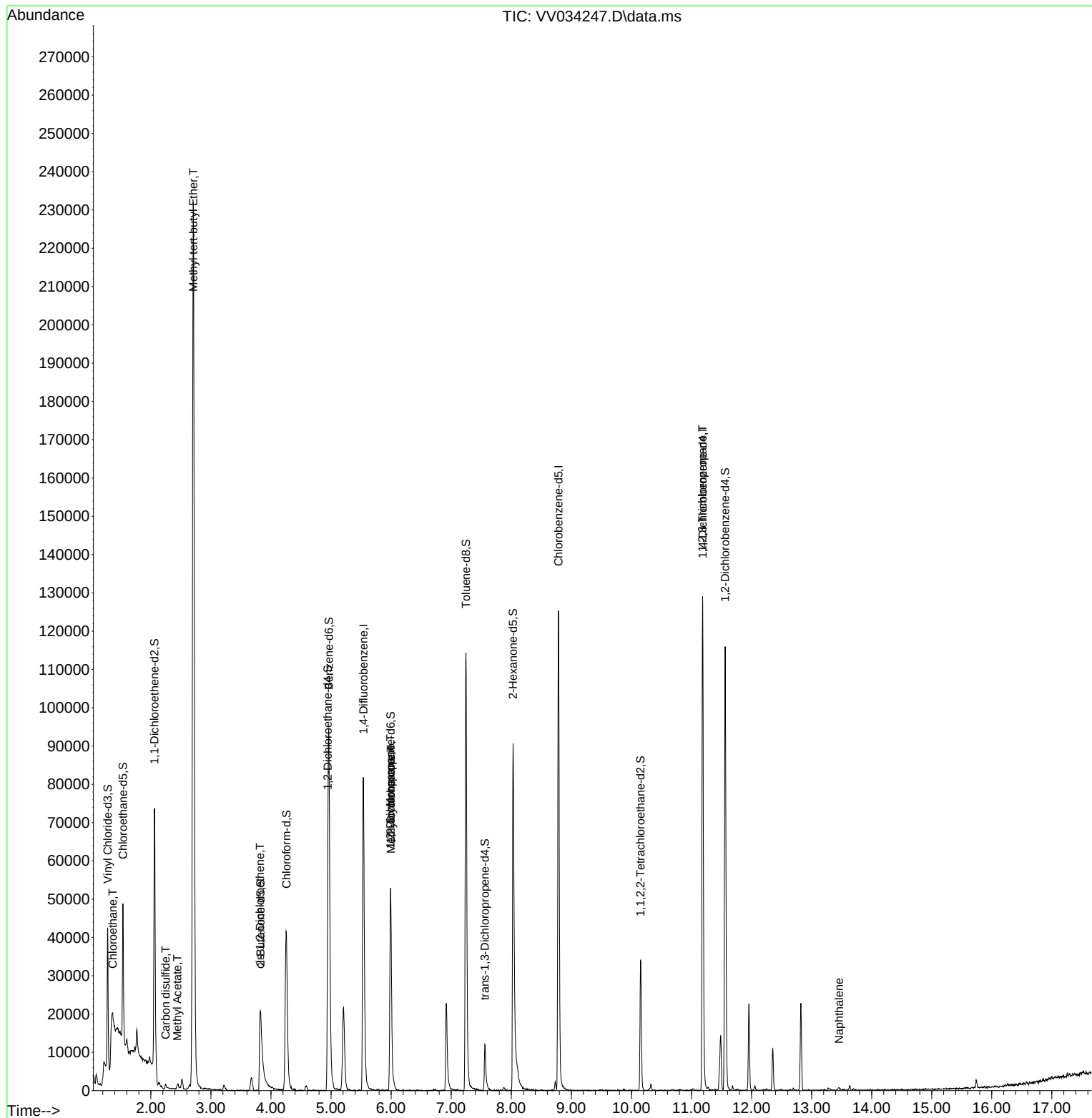
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	73097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	67767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	33522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	23741	4.194	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.535	69	20546	4.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.060	65	11554	4.232	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.600%	
20) 2-Butanone-d5	3.825	46	41421	43.565	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.140%	
24) Chloroform-d	4.256	84	45176	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	4.947	65	23354	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	4.963	84	85362	4.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	5.992	67	24195	4.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.246	98	78454	4.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.561	79	7879	3.671	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.030	63	33602	43.862	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.720%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15223	4.418	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28637	4.697	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.365	64	30094	6.318	ug/L #	53
14) Carbon disulfide	2.246	76	2120	0.128	ug/L #	92
15) Methyl Acetate	2.439	43	680	0.398	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	238975	22.777	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	2210	0.375	ug/L	97
35) Methylcyclohexane	5.995	83	6265	0.678	ug/L #	21
37) 1,2-Dichloropropane	5.989	63	3330	0.676	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4156	1.803	ug/L #	63
71) Naphthalene	13.458	128	1211	0.141	ug/L #	71

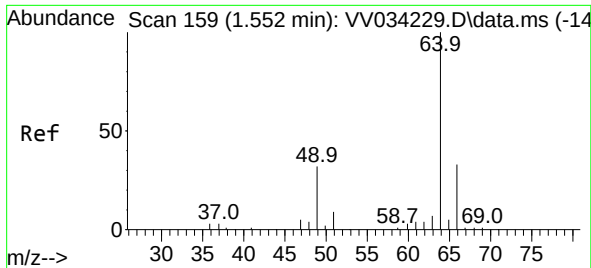
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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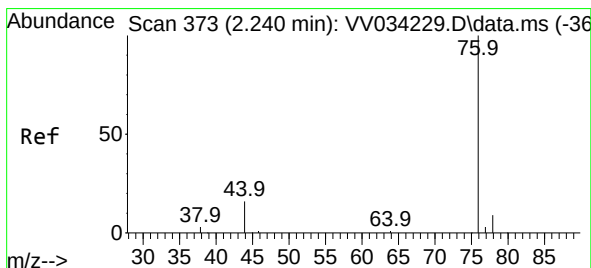
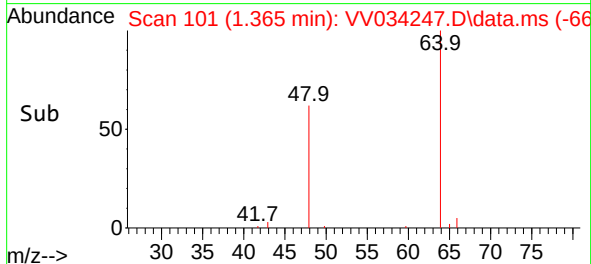
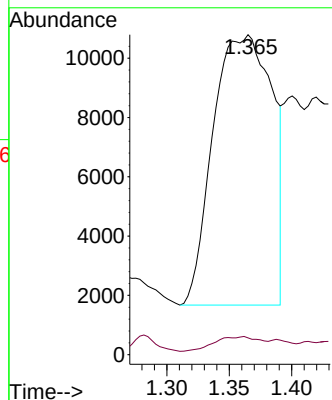
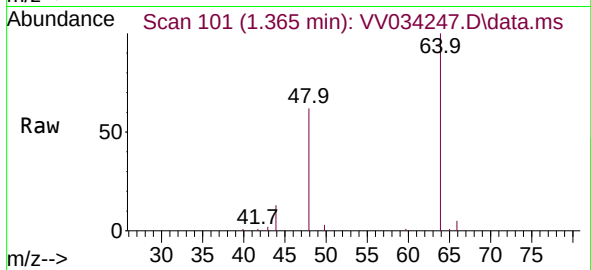




#8
Chloroethane
Concen: 6.318 ug/L
RT: 1.365 min Scan# 101
Delta R.T. -0.187 min
Lab File: VV034247.D
Acq: 19 Feb 2024 16:43

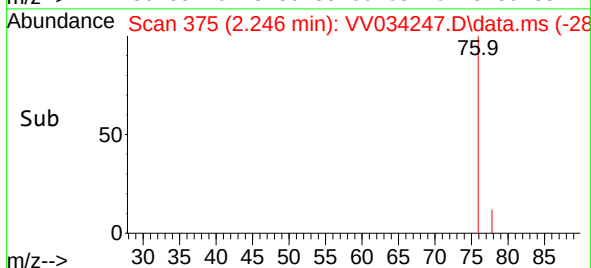
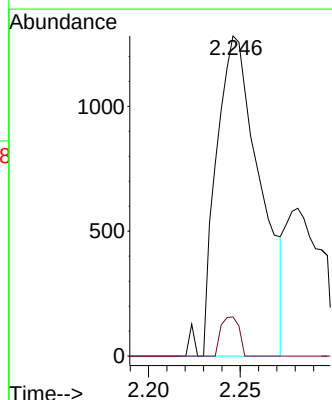
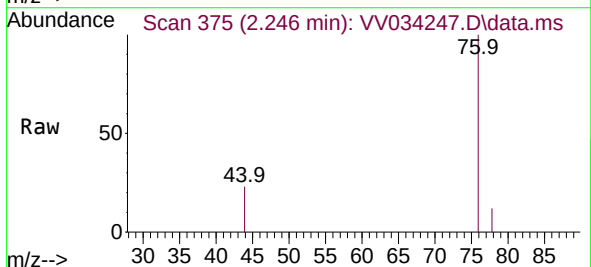
Instrument :
MSVOA_V
ClientSampleId :

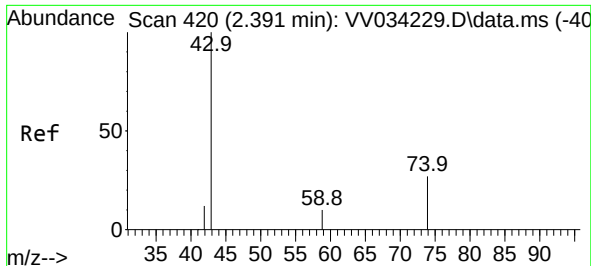
Tgt Ion: 64 Resp: 30094
Ion Ratio Lower Upper
64 100
66 5.3 22.0 41.0#



#14
Carbon disulfide
Concen: 0.128 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.006 min
Lab File: VV034247.D
Acq: 19 Feb 2024 16:43

Tgt Ion: 76 Resp: 2120
Ion Ratio Lower Upper
76 100
78 12.2 7.5 11.3#

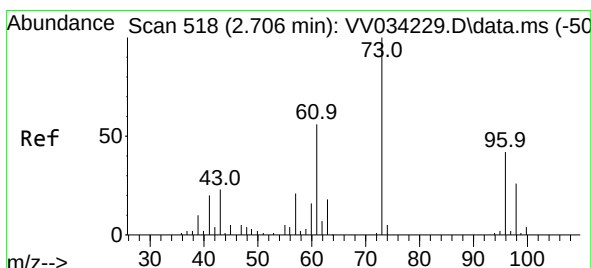
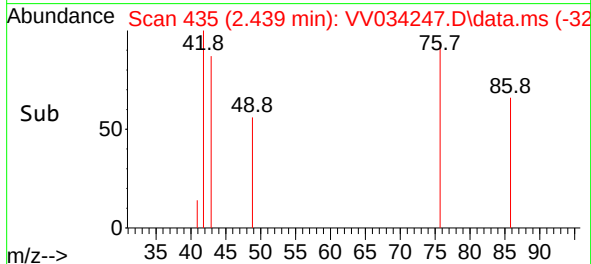
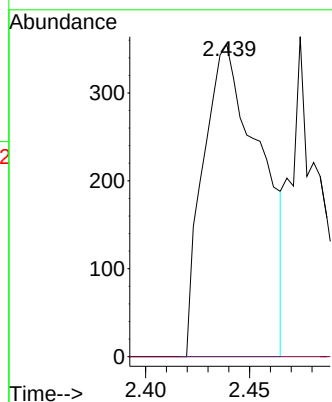
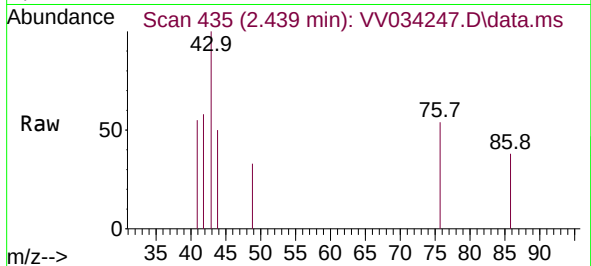




#15
Methyl Acetate
Concen: 0.398 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.048 min
Lab File: VV034247.D
Acq: 19 Feb 2024 16:43

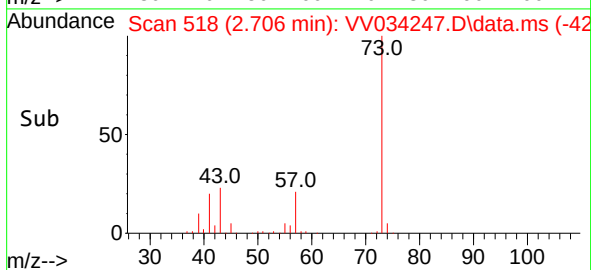
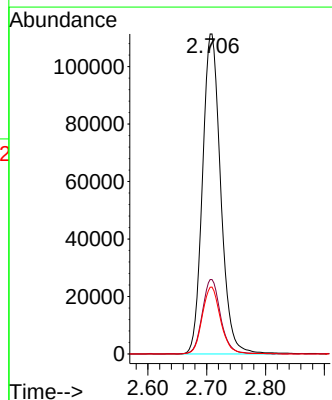
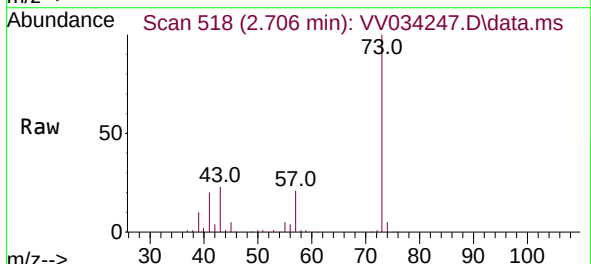
Instrument :
MSVOA_V
ClientSampleId :

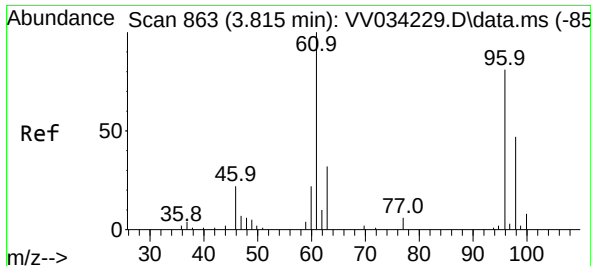
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 22.777 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034247.D
Acq: 19 Feb 2024 16:43

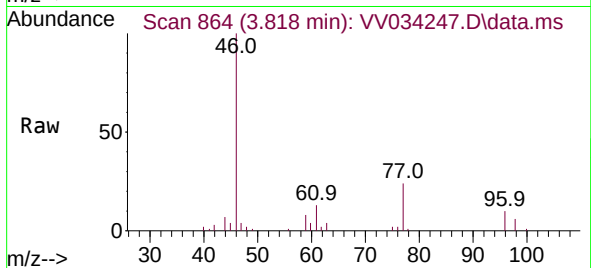
Tgt Ion: 73 Resp: 238975
Ion Ratio Lower Upper
73 100
43 23.5 17.7 26.5
57 21.1 17.9 26.9



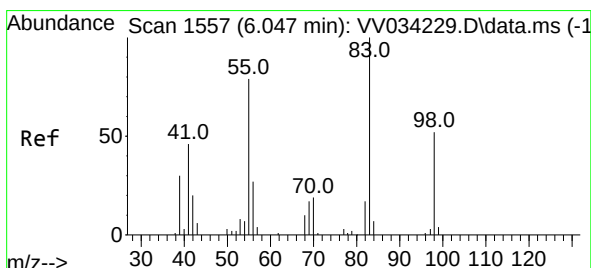
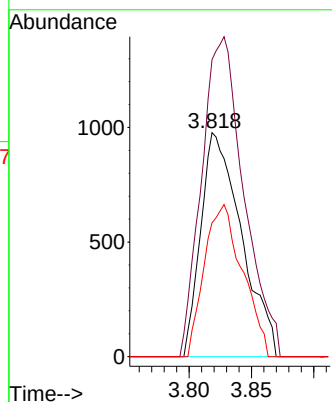
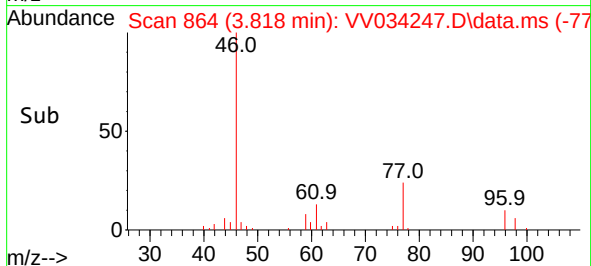


#22
 cis-1,2-Dichloroethene
 Concen: 0.375 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV034247.D
 Acq: 19 Feb 2024 16:43

Instrument :
 MSVOA_V
 ClientSampleId :

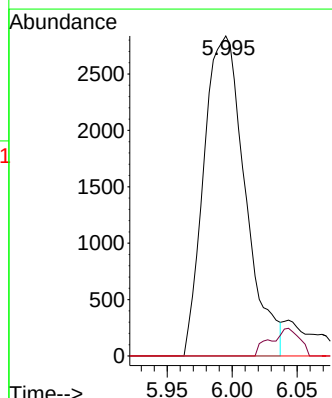
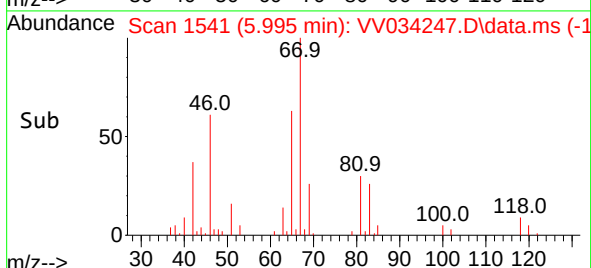
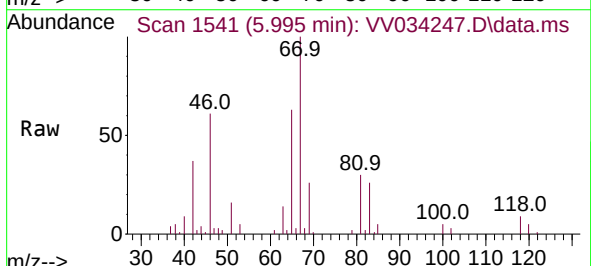


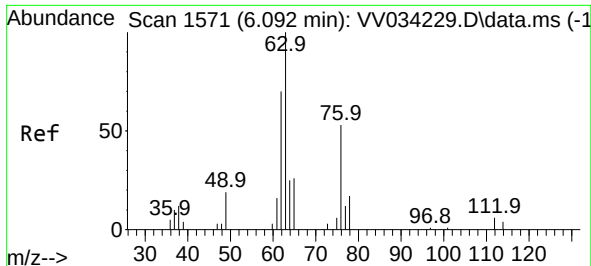
Tgt Ion: 96 Resp: 2210
 Ion Ratio Lower Upper
 96 100
 61 132.7 90.3 167.7
 98 59.8 43.2 80.2



#35
 Methylcyclohexane
 Concen: 0.678 ug/L
 RT: 5.995 min Scan# 1541
 Delta R.T. -0.052 min
 Lab File: VV034247.D
 Acq: 19 Feb 2024 16:43

Tgt Ion: 83 Resp: 6265
 Ion Ratio Lower Upper
 83 100
 55 6.0 63.5 95.3#
 98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034247.D

Acq: 19 Feb 2024 16:43

Instrument :

MSVOA_V

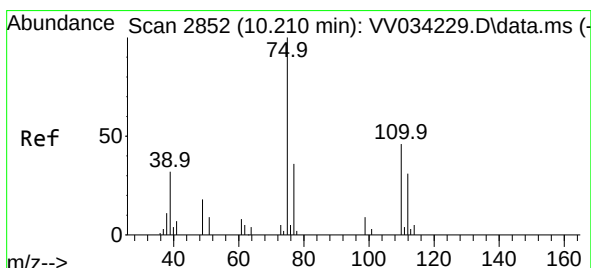
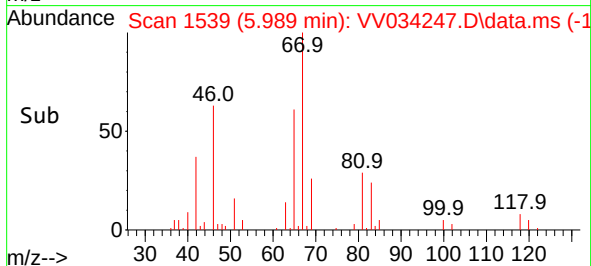
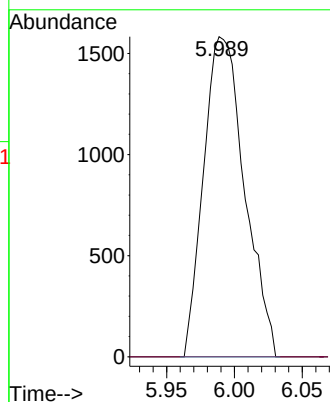
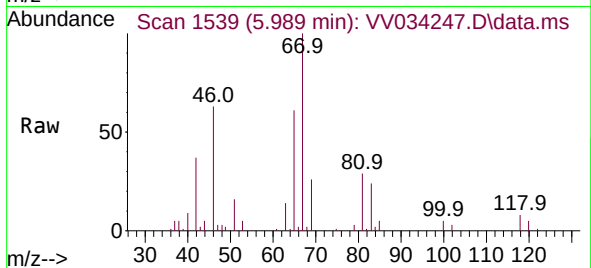
ClientSampleId :

Tgt Ion: 63 Resp: 3330

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.803 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034247.D

Acq: 19 Feb 2024 16:43

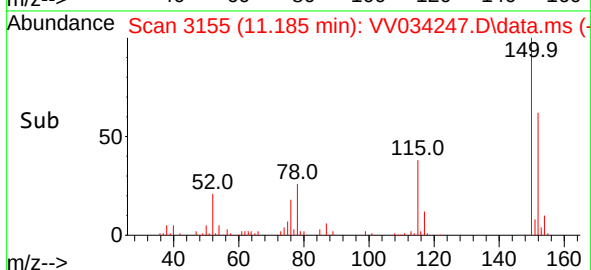
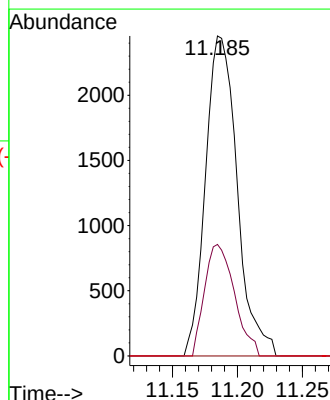
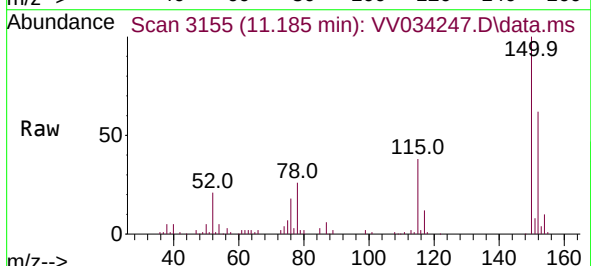
Tgt Ion: 75 Resp: 4156

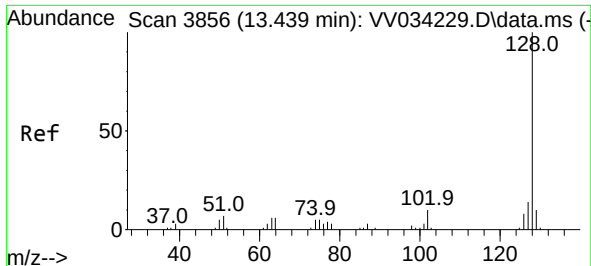
Ion Ratio Lower Upper

75 100

77 32.9 26.9 40.3

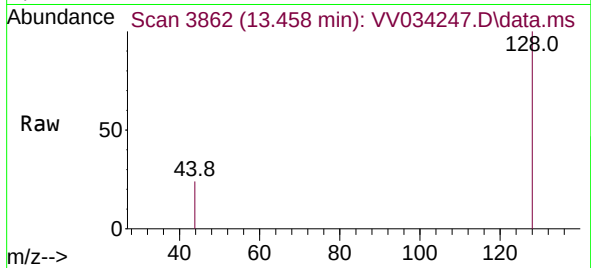
110 0.0 33.3 49.9#





#71
Naphthalene
Concen: 0.141 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.019 min
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Tgt Ion:	128	Resp:	1211
Ion	Ratio	Lower	Upper
128	100		
129	1.8	8.5	12.7#
127	0.0	10.4	15.6#

