

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038248.D
 Acq On : 21 Nov 2024 18:00
 Operator : SY/MD
 Sample : P4882-14DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:50:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

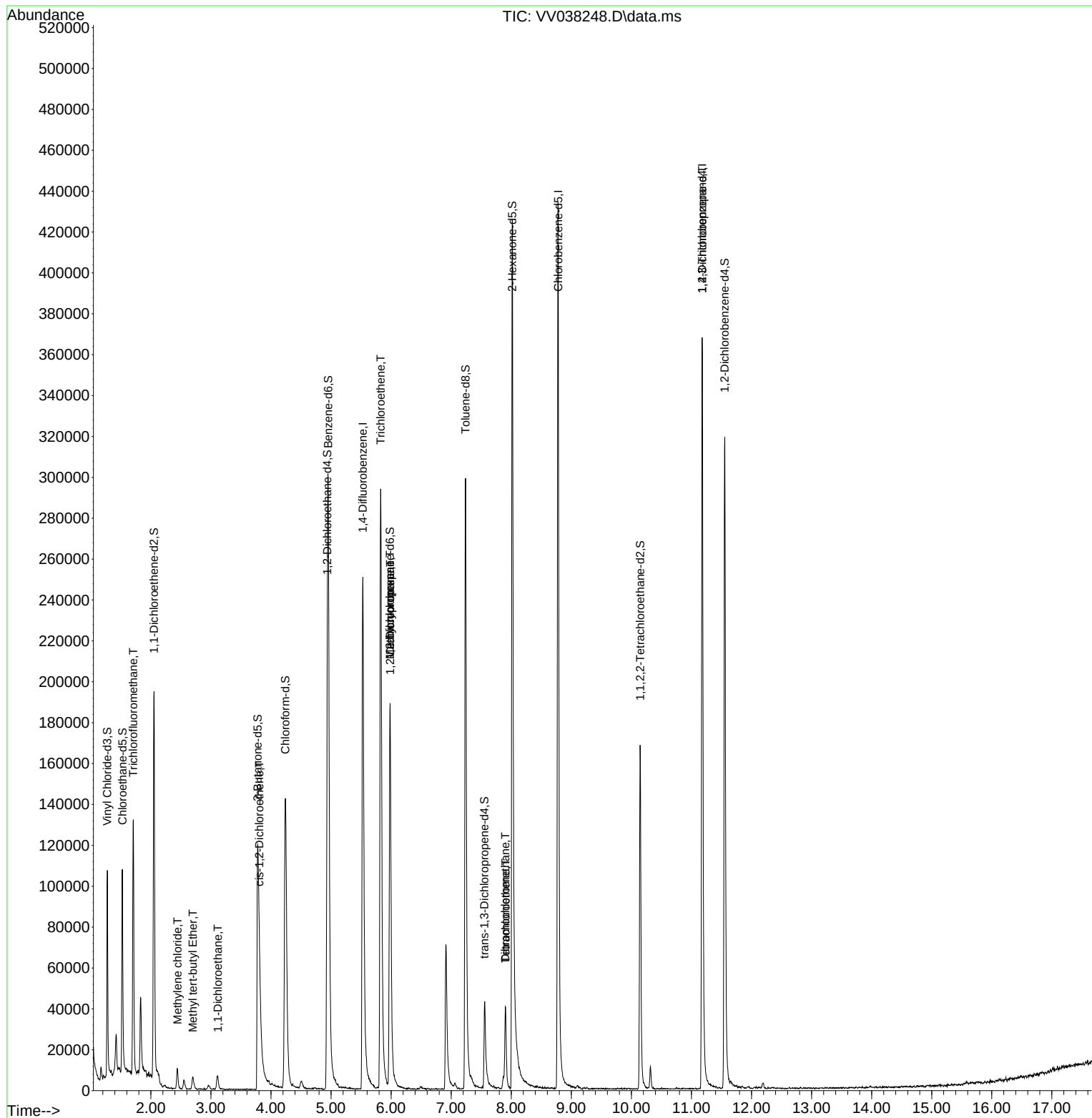
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242122	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	258395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	107847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64336	3.467	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.526	69	68202	4.543	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.050	65	31224	3.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	3.777	46	190895	51.419	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.840%	
24) Chloroform-d	4.240	84	167163	4.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	4.937	65	83389	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	4.953	84	281149	4.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	5.982	67	96926	4.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.239	98	220181	3.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.200%	
43) trans-1,3-Dichloroprop...	7.555	79	31612	4.138	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.018	63	157835	53.144	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.280%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87334	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.554	152	89768	4.885	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.706	101	73435	2.309	ug/L	99
16) Methylene chloride	2.442	84	4560	0.231	ug/L	87
17) Methyl tert-butyl Ether	2.699	73	5547	0.142	ug/L #	90
19) 1,1-Dichloroethane	3.114	63	7668	0.232	ug/L #	96
22) cis-1,2-Dichloroethene	3.805	96	11841	0.629	ug/L	94
34) Trichloroethene	5.825	95	112520	5.687	ug/L	97
35) Methylcyclohexane	5.982	83	23863	0.853	ug/L #	19
37) 1,2-Dichloropropane	5.985	63	10440	0.574	ug/L #	87
47) Tetrachloroethene	7.905	164	10533	0.662	ug/L	94
49) Dibromochloromethane	7.902	129	8643	0.538	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	10900	1.180	ug/L #	64

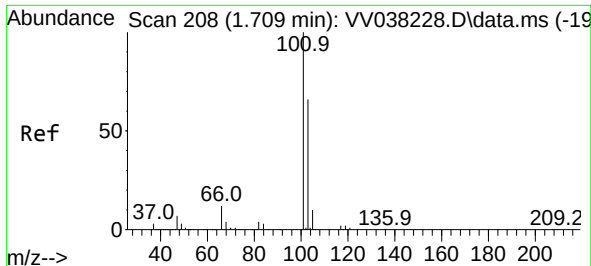
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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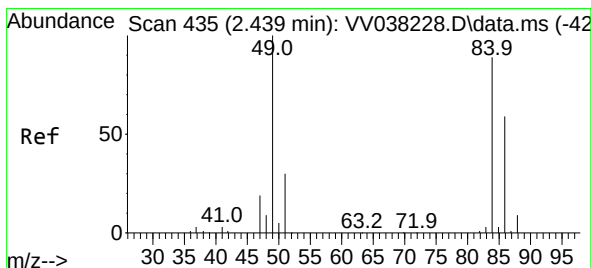
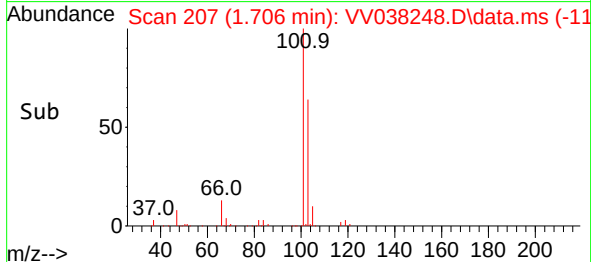
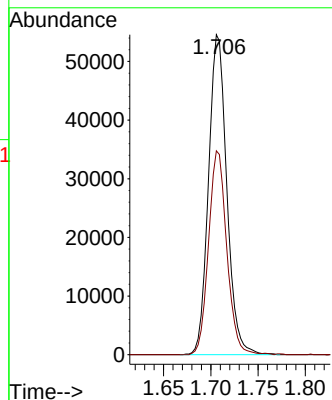
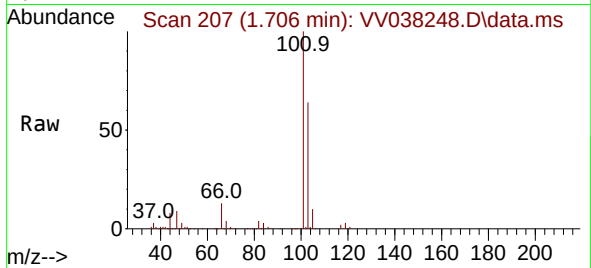




#9
 Trichlorofluoromethane
 Concen: 2.309 ug/L
 RT: 1.706 min Scan# 208
 Delta R.T. -0.003 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

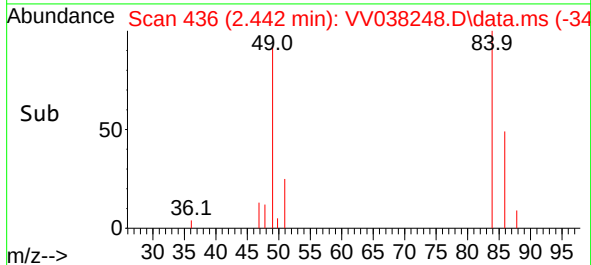
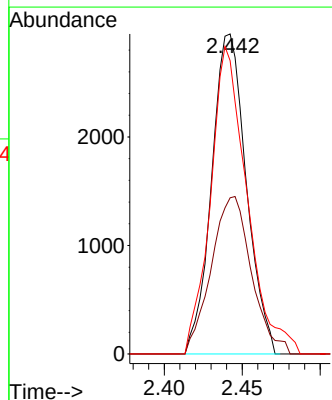
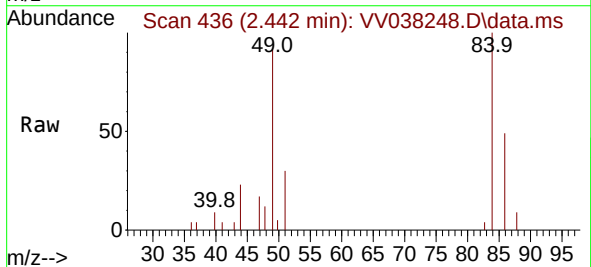
Instrument :
 MSVOA_V
 ClientSampleId :

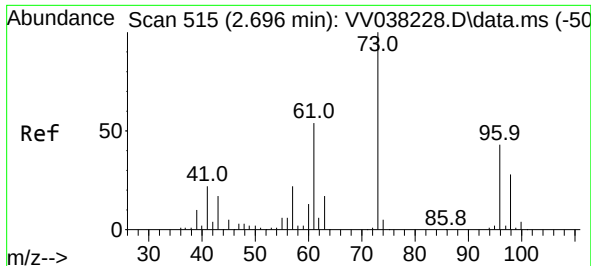
Tgt Ion:101 Resp: 73435
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#16
 Methylene chloride
 Concen: 0.231 ug/L
 RT: 2.442 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

Tgt Ion: 84 Resp: 4560
 Ion Ratio Lower Upper
 84 100
 86 48.8 44.2 82.2
 49 97.0 74.9 139.1

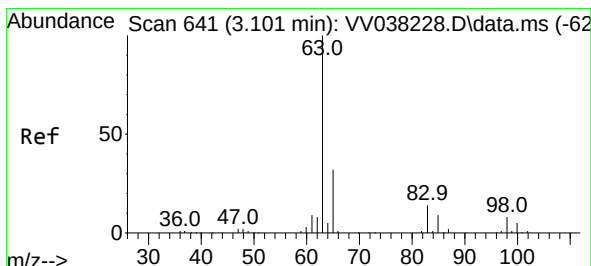
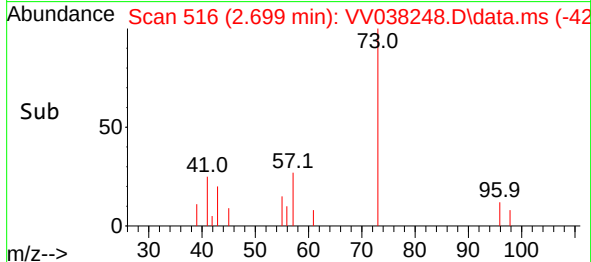
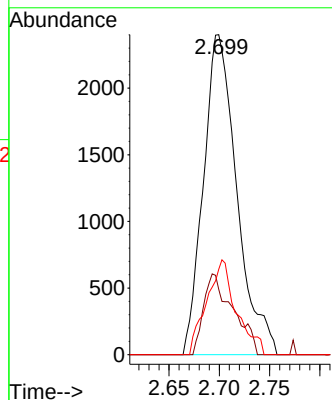
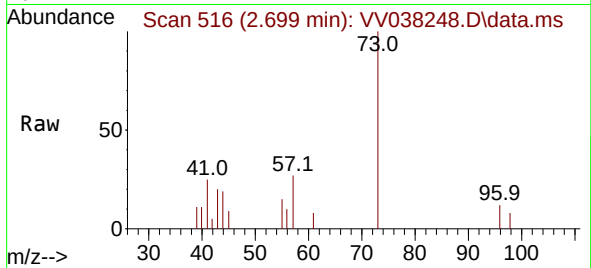




#17
Methyl tert-butyl Ether
Concen: 0.142 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

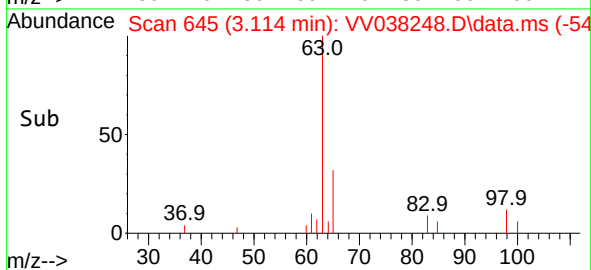
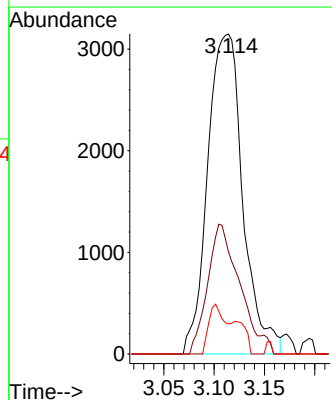
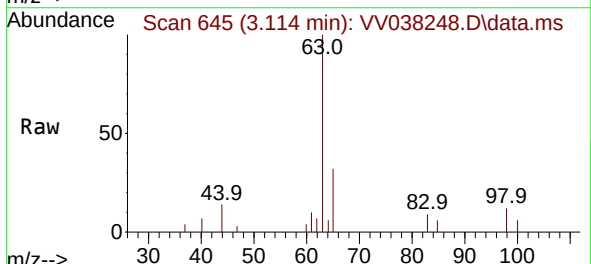
Instrument :
MSVOA_V
ClientSampleId :

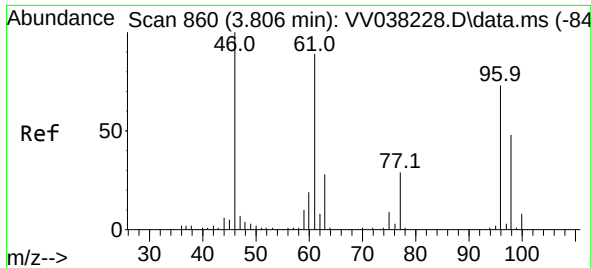
Tgt Ion: 73 Resp: 5547
Ion Ratio Lower Upper
73 100
43 22.3 14.2 21.2#
57 26.3 17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.232 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.013 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

Tgt Ion: 63 Resp: 7668
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 9.4 10.1 18.9#

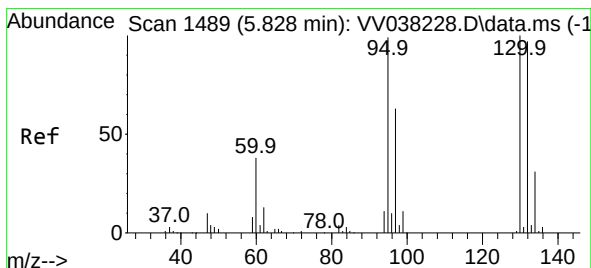
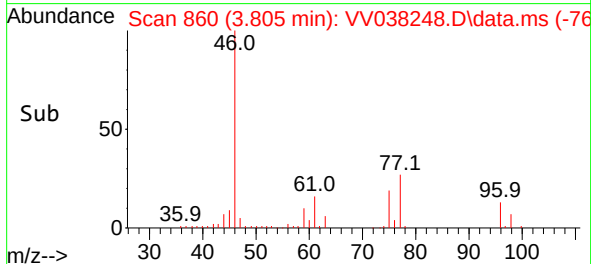
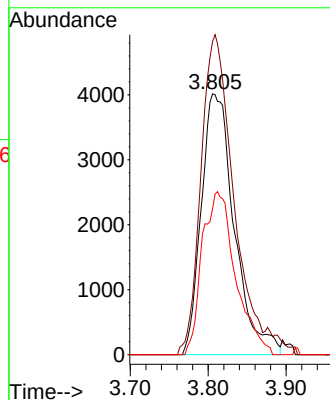
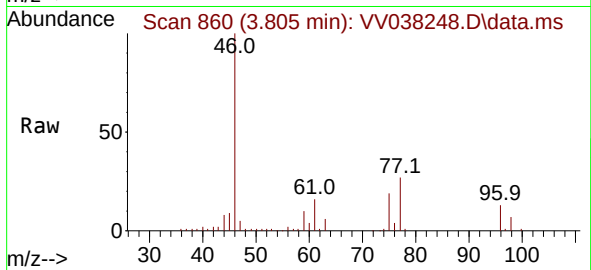




#22
 cis-1,2-Dichloroethene
 Concen: 0.629 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

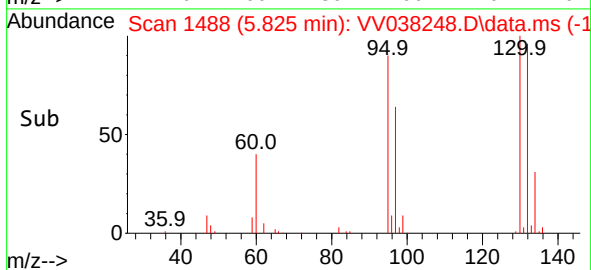
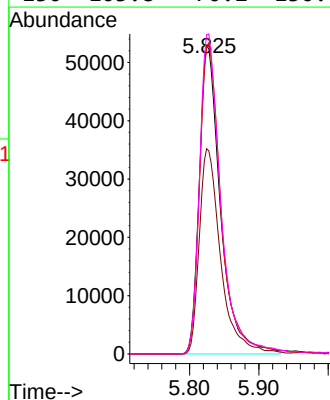
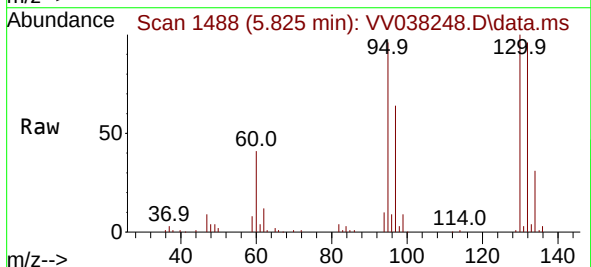
Instrument :
 MSVOA_V
 ClientSampleId :

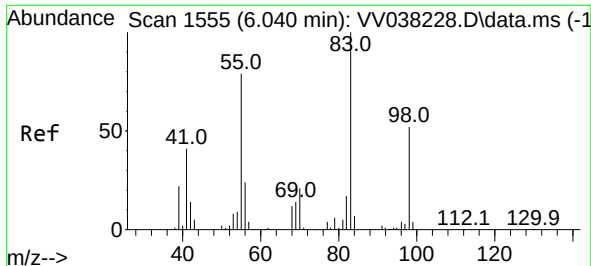
Tgt Ion: 96 Resp: 11841
 Ion Ratio Lower Upper
 96 100
 61 120.0 82.7 153.5
 98 55.9 46.3 85.9



#34
 Trichloroethene
 Concen: 5.687 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

Tgt Ion: 95 Resp: 112520
 Ion Ratio Lower Upper
 95 100
 97 66.7 44.8 83.2
 132 99.9 68.3 126.8
 130 103.8 70.2 130.4

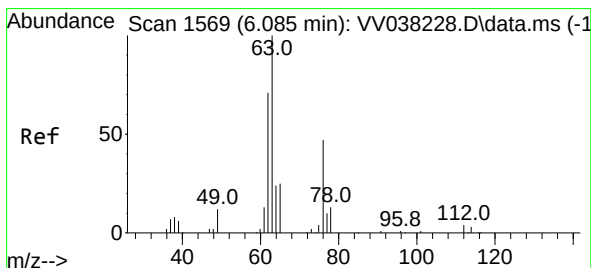
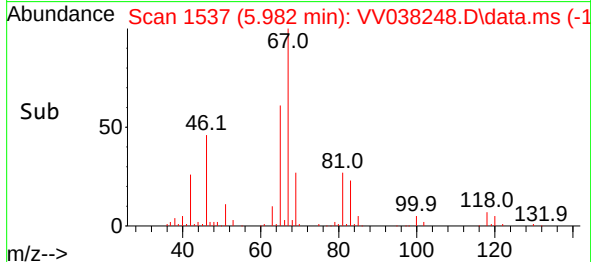
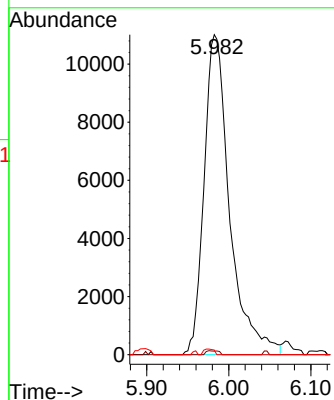
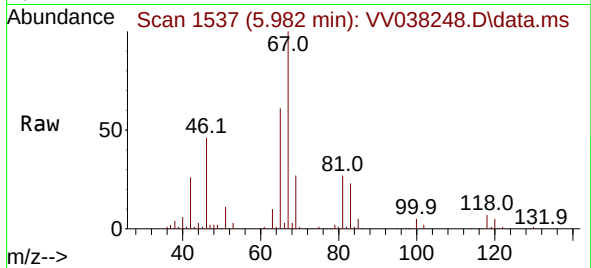




#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

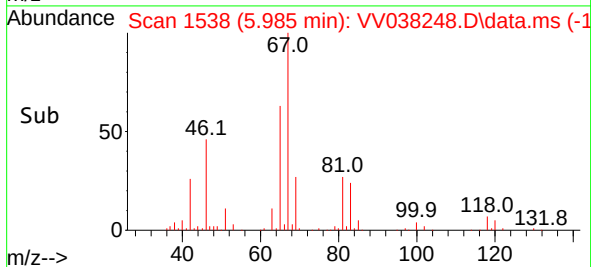
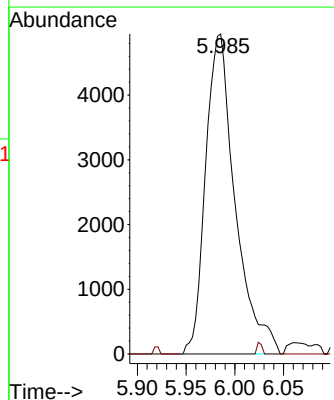
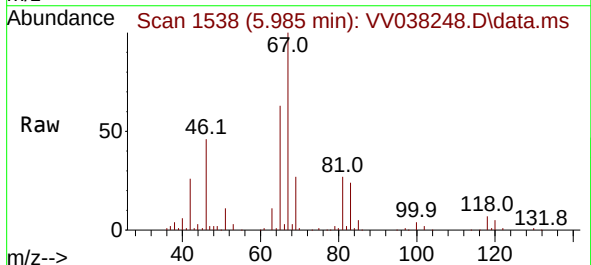
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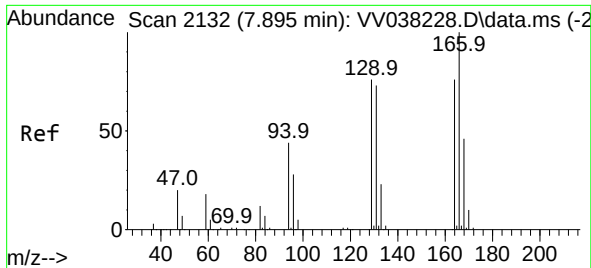
Tgt Ion: 83 Resp: 23863
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 0.7 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.100 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

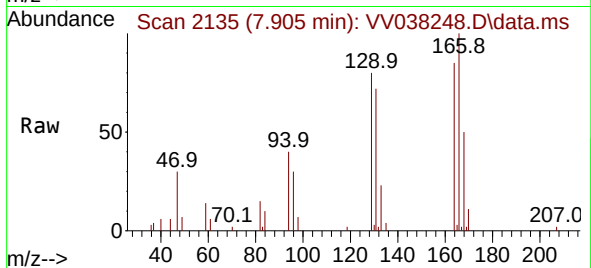
Tgt Ion: 63 Resp: 10440
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#



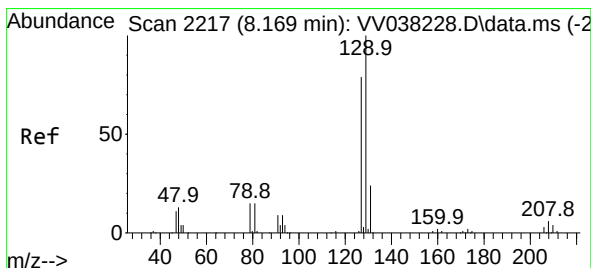
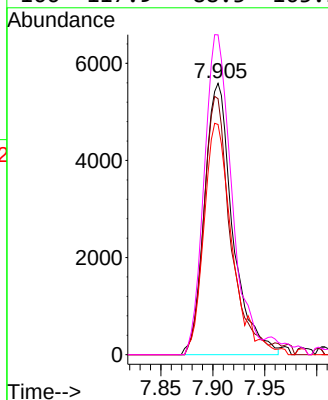
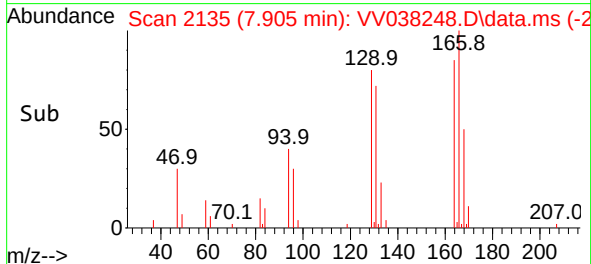


#47
Tetrachloroethene
Concen: 0.662 ug/L
RT: 7.905 min Scan# 2134
Delta R.T. 0.010 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

Instrument :
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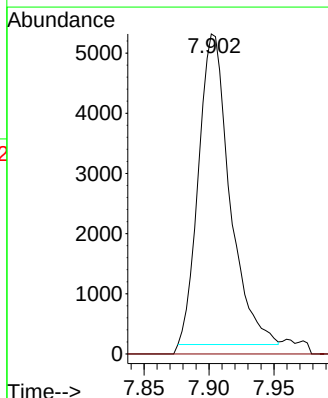
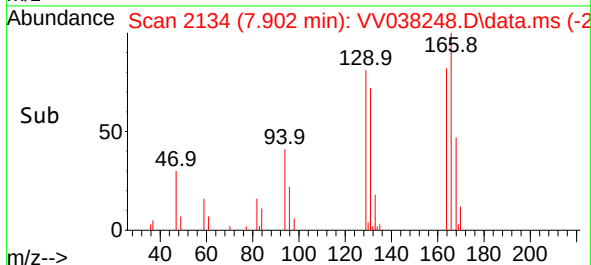
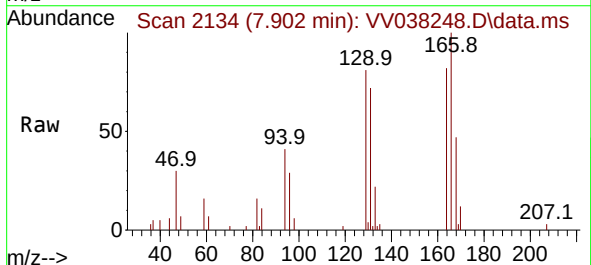


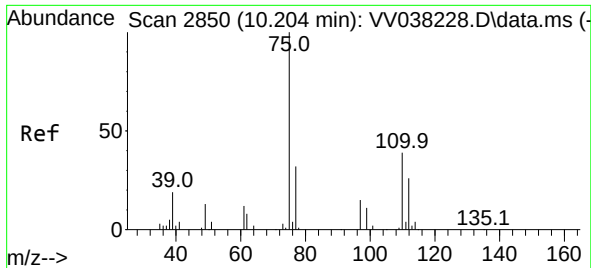
Tgt Ion:164 Resp: 10533
Ion Ratio Lower Upper
164 100
129 94.3 68.5 127.1
131 84.8 64.8 120.4
166 117.9 88.3 163.9



#49
Dibromochloromethane
Concen: 0.538 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

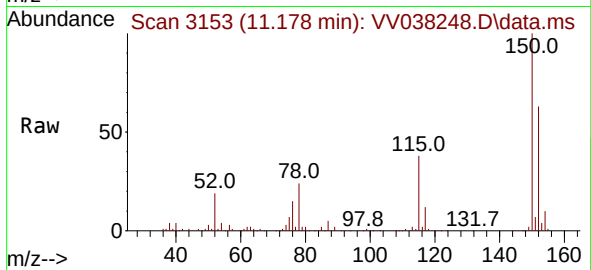
Tgt Ion:129 Resp: 8643
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.180 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 10900
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.4 39.6
 110 2.2 32.3 48.5#

