

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038247.D
 Acq On : 21 Nov 2024 17:36
 Operator : SY/MD
 Sample : P4882-13DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:50:07 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)

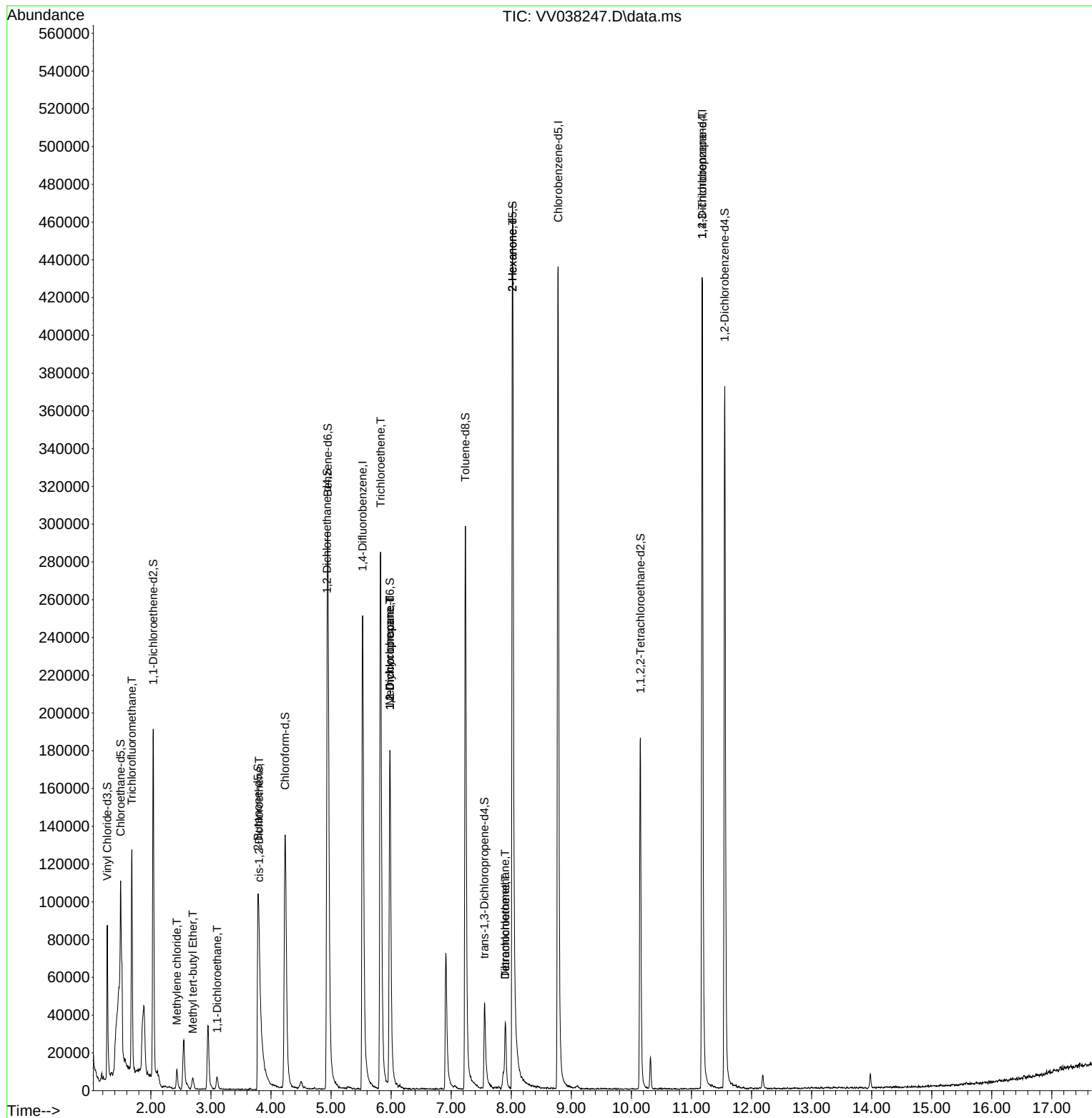
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	241688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	125456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61432	3.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.497	69	29516	1.970	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	39.400%#
11) 1,1-Dichloroethene-d2	2.040	65	29791	3.737	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.783	46	195633	52.790	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.580%
24) Chloroform-d	4.236	84	156572	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.934	65	80751	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.947	84	276823	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	92955	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.236	98	223297	3.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.555	79	33579	4.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.021	63	184085	60.569	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	94827	5.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	106508	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.683	101	69887	2.201	ug/L	98
16) Methylene chloride	2.433	84	4564	0.232	ug/L	93
17) Methyl tert-butyl Ether	2.699	73	5093	0.130	ug/L #	91
19) 1,1-Dichloroethane	3.105	63	7280	0.221	ug/L	92
22) cis-1,2-Dichloroethene	3.802	96	11453	0.609	ug/L	95
34) Trichloroethene	5.825	95	110081	5.437	ug/L	97
35) Methylcyclohexane	5.979	83	22088	0.771	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10277	0.552	ug/L #	87
47) Tetrachloroethene	7.902	164	9468	0.582	ug/L	95
48) 2-Hexanone	8.021	43	19877	2.815	ug/L #	66
49) Dibromochloromethane	7.899	129	8448	0.514	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	13330	1.241	ug/L #	65

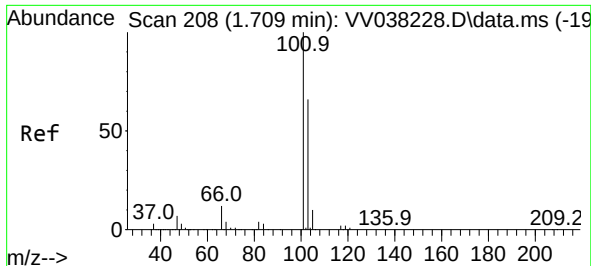
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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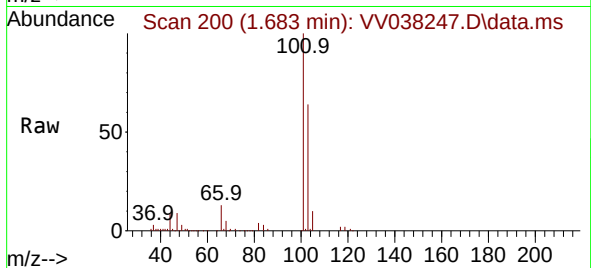
Quant Time: Nov 22 01:50:07 2024
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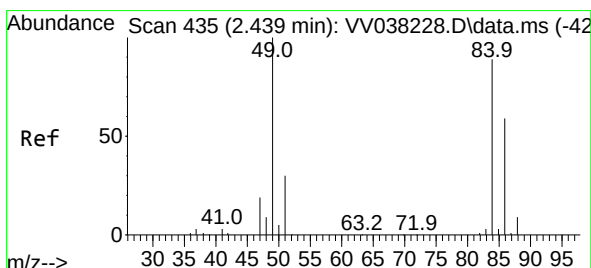
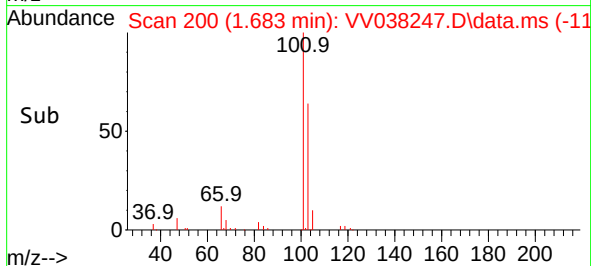
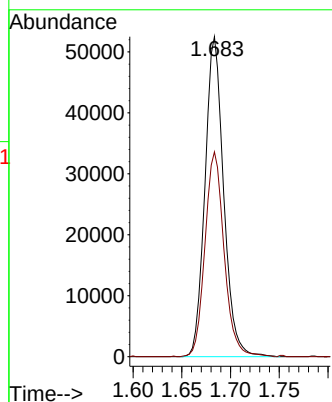


#9
 Trichlorofluoromethane
 Concen: 2.201 ug/L
 RT: 1.683 min Scan# 208
 Delta R.T. -0.026 min
 Lab File: VV038247.D
 Acq: 21 Nov 2024 17:36

Instrument :
 MSVOA_V
 ClientSampleId :

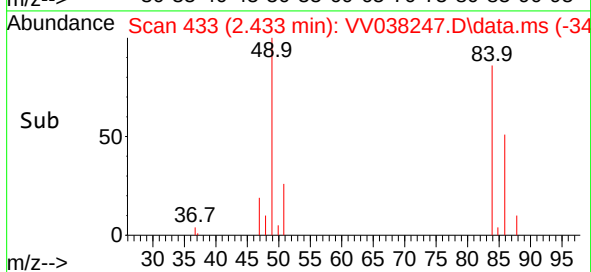
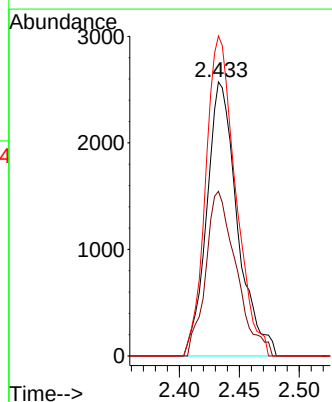
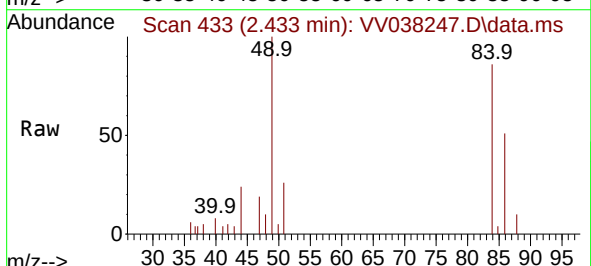


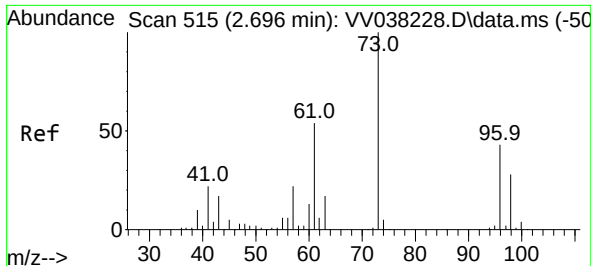
Tgt Ion:101 Resp: 69887
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.5 77.3



#16
 Methylene chloride
 Concen: 0.232 ug/L
 RT: 2.433 min Scan# 433
 Delta R.T. -0.006 min
 Lab File: VV038247.D
 Acq: 21 Nov 2024 17:36

Tgt Ion: 84 Resp: 4564
 Ion Ratio Lower Upper
 84 100
 86 60.1 44.2 82.2
 49 116.8 74.9 139.1

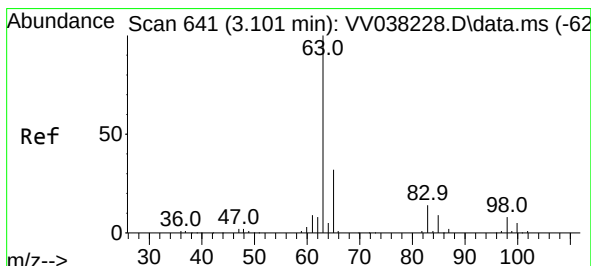
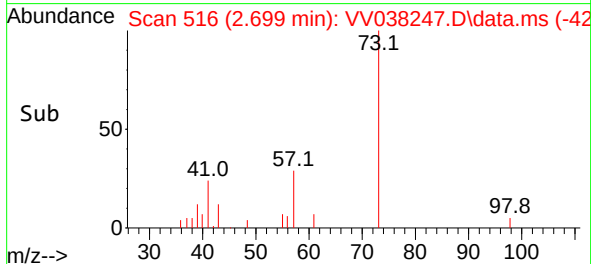
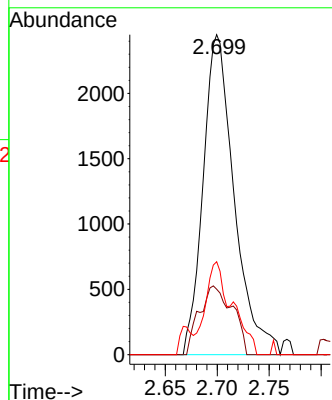
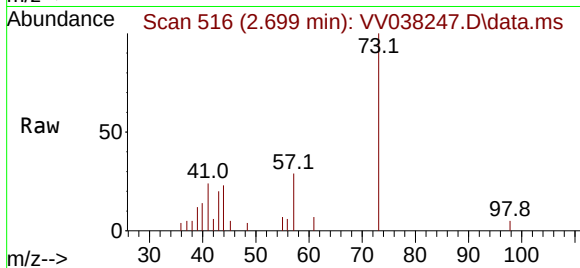




#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

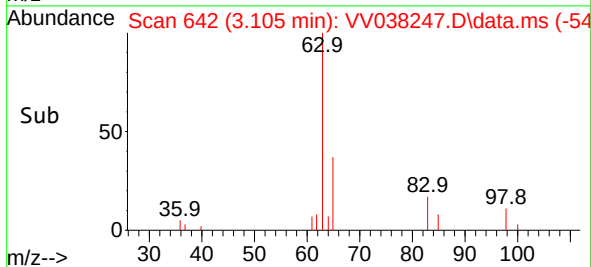
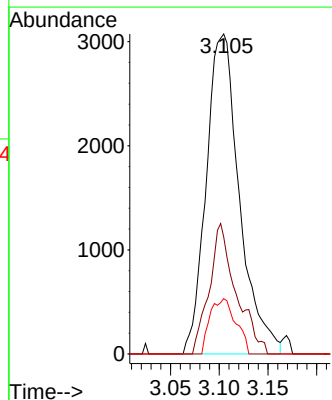
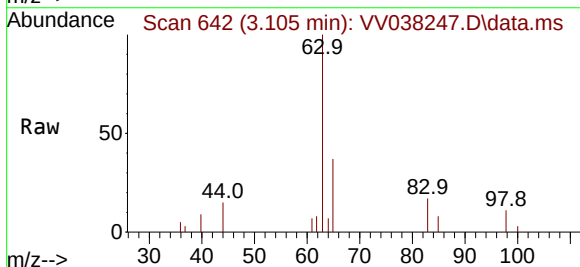
Instrument :
MSVOA_V
ClientSampleId :

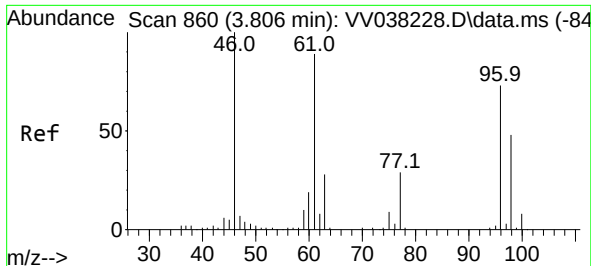
Tgt Ion: 73 Resp: 5093
Ion Ratio Lower Upper
73 100
43 22.9 14.2 21.2#
57 25.1 17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.221 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

Tgt Ion: 63 Resp: 7280
Ion Ratio Lower Upper
63 100
65 36.5 22.5 41.7
83 17.3 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.609 ug/L

RT: 3.802 min Scan# 81

Delta R.T. -0.003 min

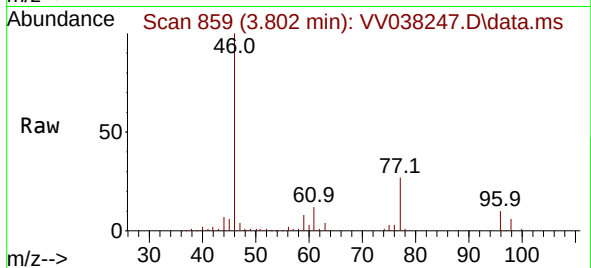
Lab File: VV038247.D

Acq: 21 Nov 2024 17:36

Instrument :

MSVOA_V

ClientSampleId :



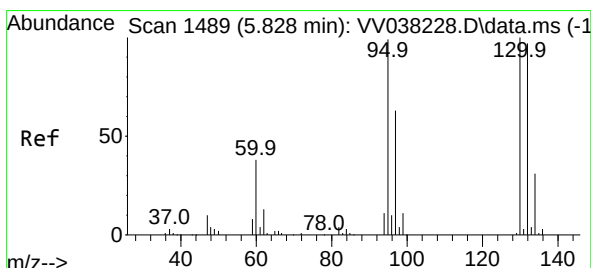
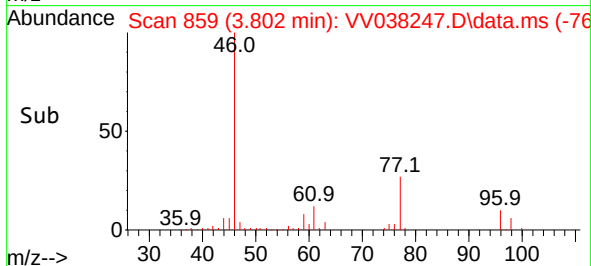
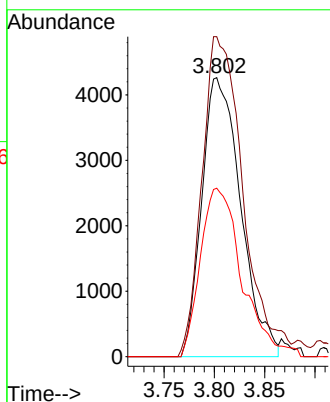
Tgt Ion: 96 Resp: 11453

Ion Ratio Lower Upper

96 100

61 114.7 82.7 153.5

98 60.4 46.3 85.9



#34

Trichloroethene

Concen: 5.437 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038247.D

Acq: 21 Nov 2024 17:36

Tgt Ion: 95 Resp: 110081

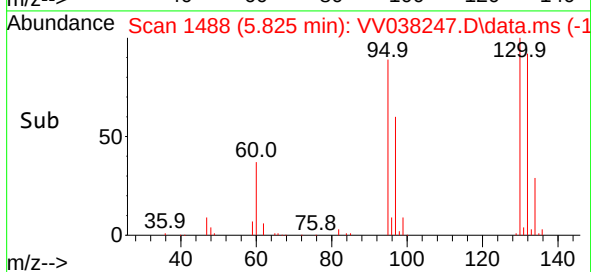
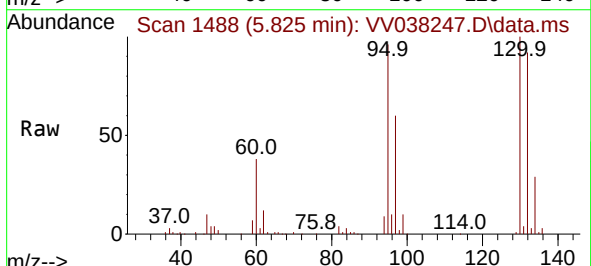
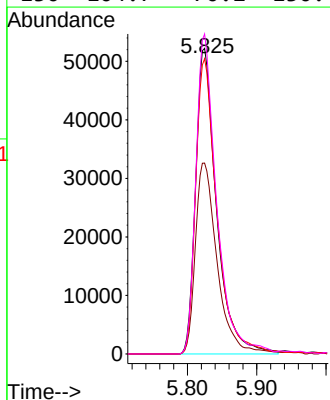
Ion Ratio Lower Upper

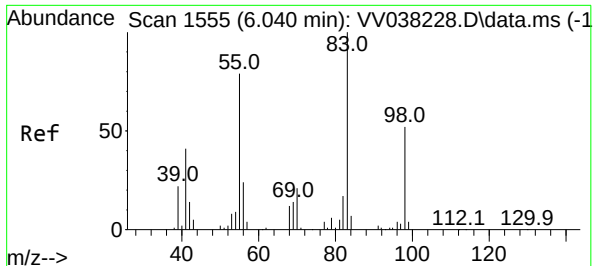
95 100

97 62.5 44.8 83.2

132 96.6 68.3 126.8

130 104.7 70.2 130.4

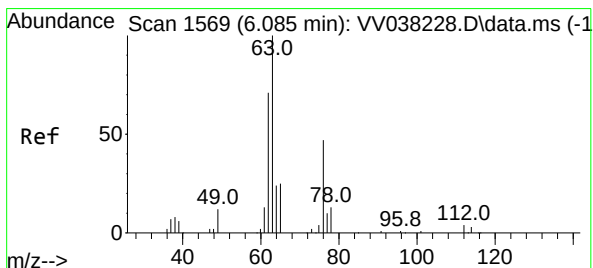
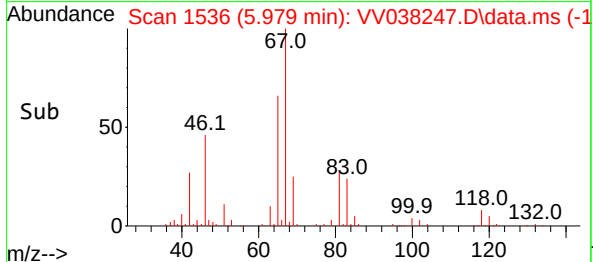
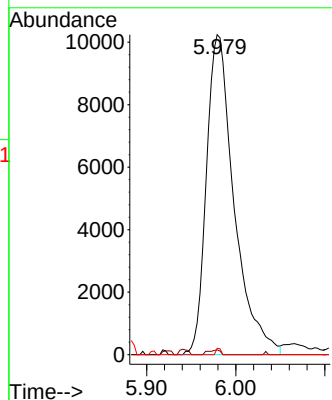
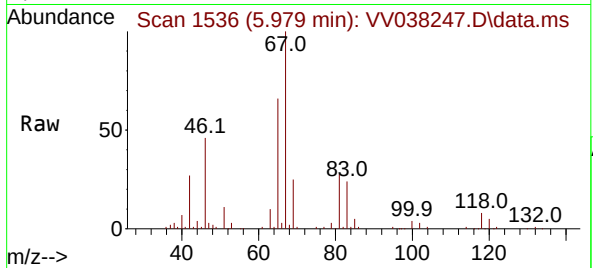




#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 5.979 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

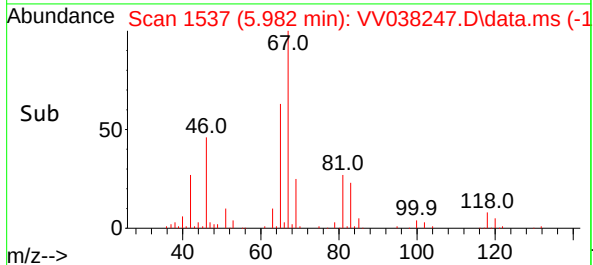
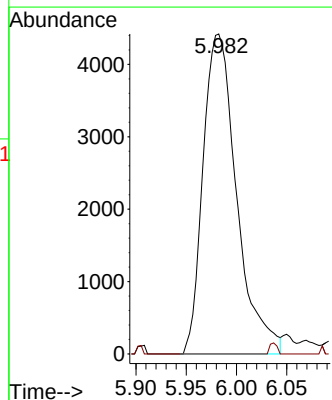
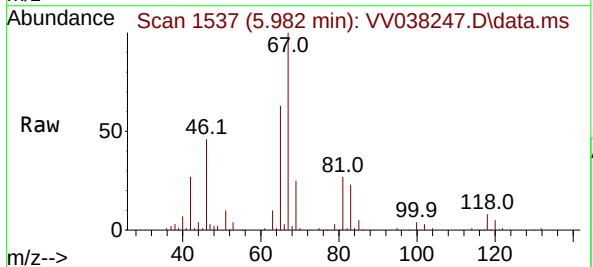
Instrument :
MSVOA_V
ClientSampleId :

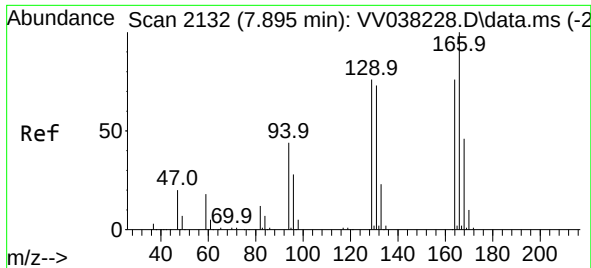
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.7	89.5#
98	0.0	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

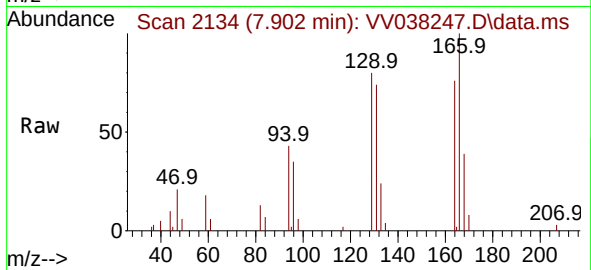
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.9	5.9#



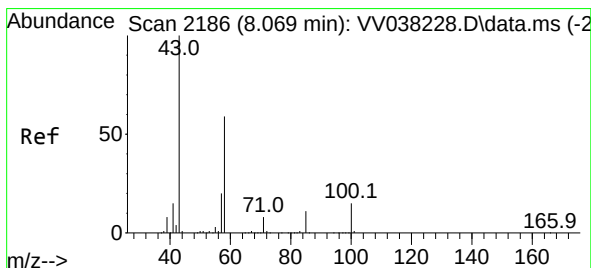
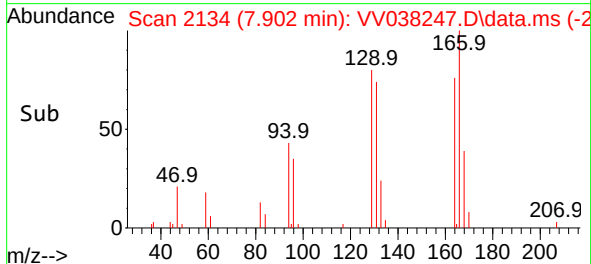
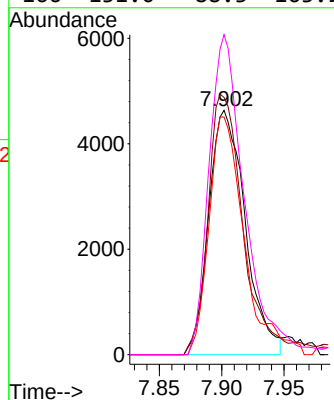


#47
Tetrachloroethene
Concen: 0.582 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

Instrument :
MSVOA_V
ClientSampleId :

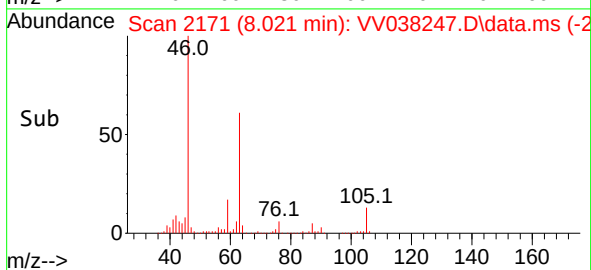
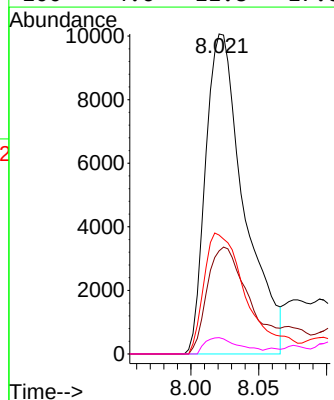
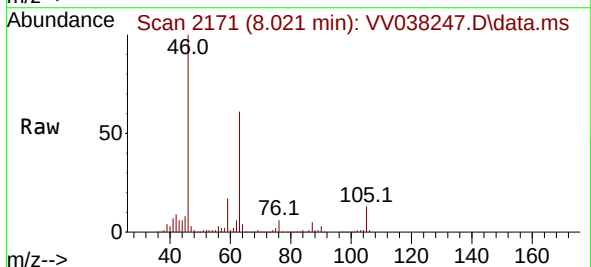


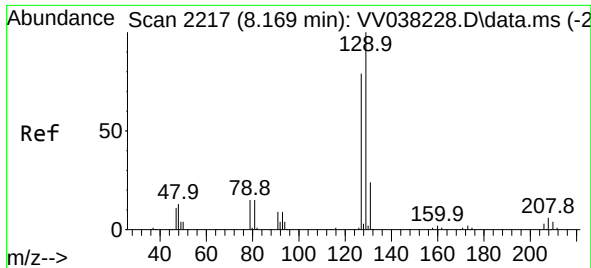
Tgt Ion:	164	Resp:	9468
Ion	Ratio	Lower	Upper
164	100		
129	105.3	68.5	127.1
131	97.3	64.8	120.4
166	131.0	88.3	163.9



#48
2-Hexanone
Concen: 2.815 ug/L
RT: 8.021 min Scan# 2171
Delta R.T. -0.048 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

Tgt Ion:	43	Resp:	19877
Ion	Ratio	Lower	Upper
43	100		
58	36.8	49.2	73.8#
57	41.8	16.9	25.3#
100	4.6	11.8	17.8#

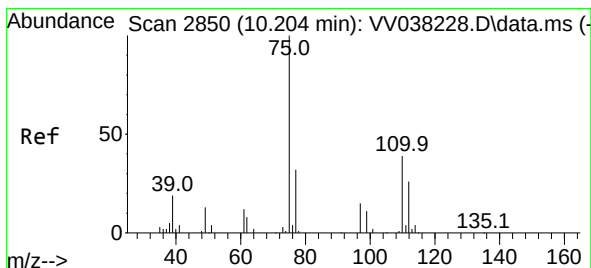
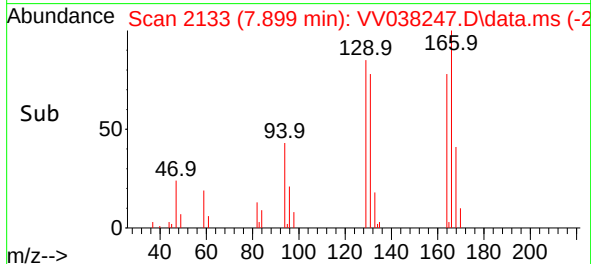
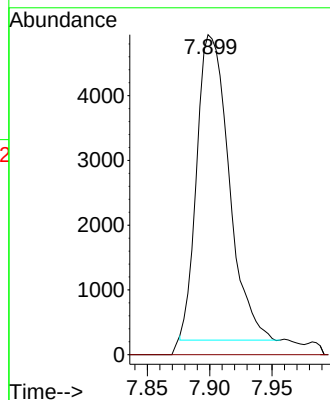
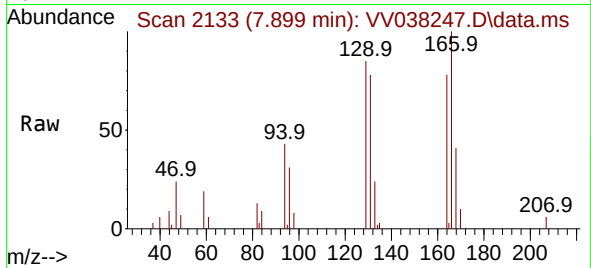




#49
Dibromochloromethane
Concen: 0.514 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 8448
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#61
1,2,3-Trichloropropane
Concen: 1.241 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV038247.D
Acq: 21 Nov 2024 17:36

Tgt Ion: 75 Resp: 13330
Ion Ratio Lower Upper
75 100
77 34.6 26.4 39.6
110 2.7 32.3 48.5#

