

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038441.D
 Acq On : 06 Dec 2024 16:03
 Operator : SY/MD
 Sample : P5111-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 21:37:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 21:32:44 2024
 Response via : Initial Calibration

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

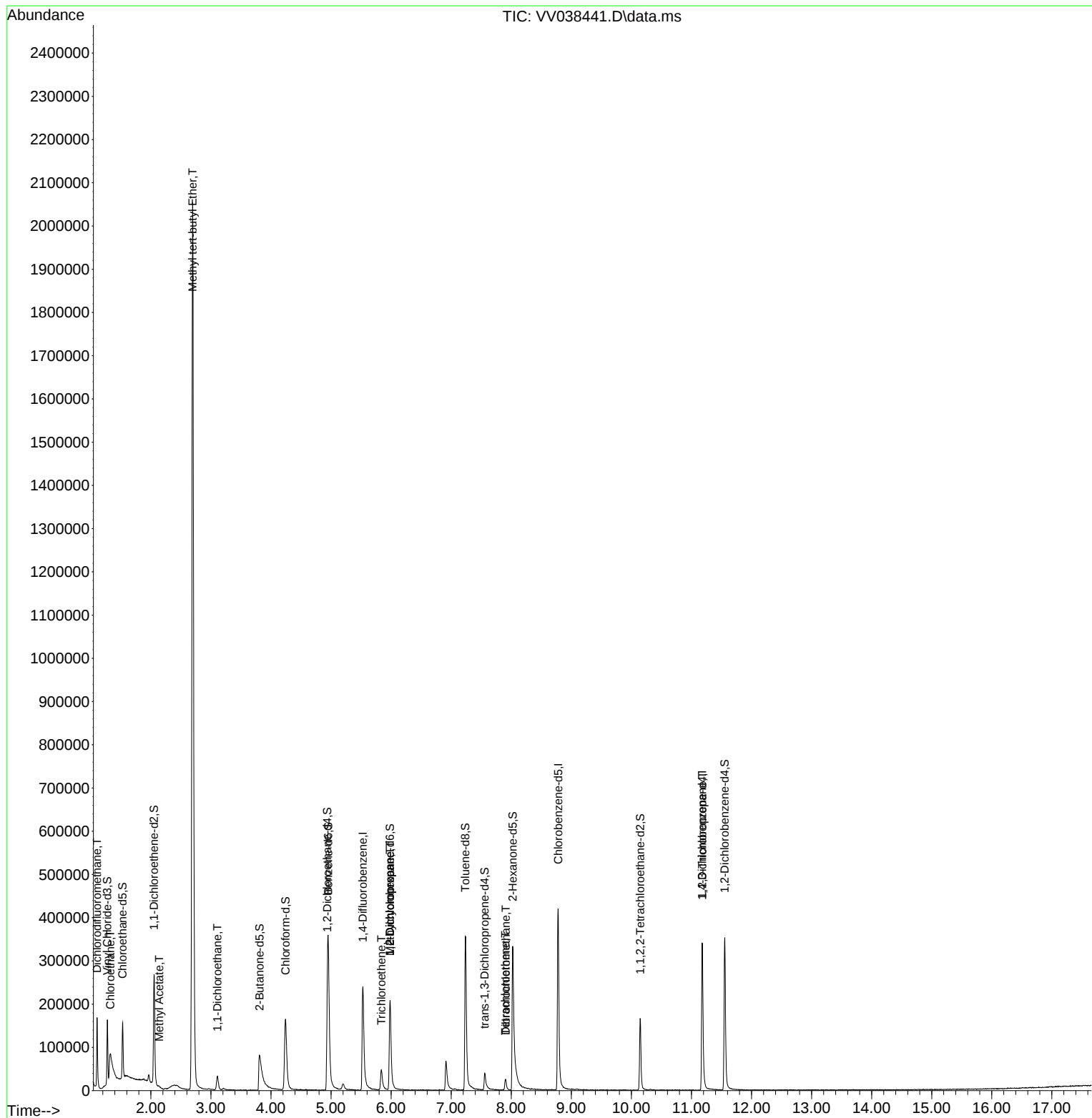
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	231130	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	251669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	97084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	99237	5.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.529	69	82192	5.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.800%
11) 1,1-Dichloroethene-d2	2.053	65	41196	5.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.000%
20) 2-Butanone-d5	3.809	46	185882	52.450	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	4.243	84	186709	5.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	4.937	65	89083	5.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	4.953	84	342356	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	5.982	67	108865	5.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.236	98	265003	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	30397	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.024	63	128467	44.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.820%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84518	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	98047	5.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	88733	4.058	ug/L	97
8) Chloroethane	1.326	64	191181	14.061	ug/L #	53
15) Methyl Acetate	2.140	43	4525	0.711	ug/L #	47
17) Methyl tert-butyl Ether	2.696	73	2056994	55.111	ug/L	100
19) 1,1-Dichloroethane	3.108	63	32424	1.027	ug/L	98
34) Trichloroethene	5.837	95	20459	1.062	ug/L	96
35) Methylcyclohexane	5.982	83	26706	0.980	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11850	0.669	ug/L #	87
47) Tetrachloroethene	7.902	164	7029	0.454	ug/L	94
49) Dibromochloromethane	7.908	129	6095	0.389	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	12750	1.534	ug/L #	66

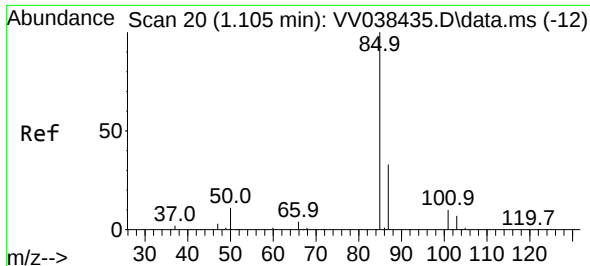
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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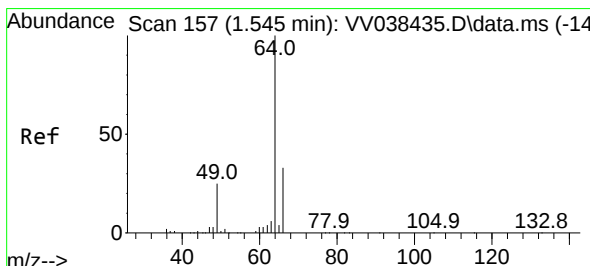
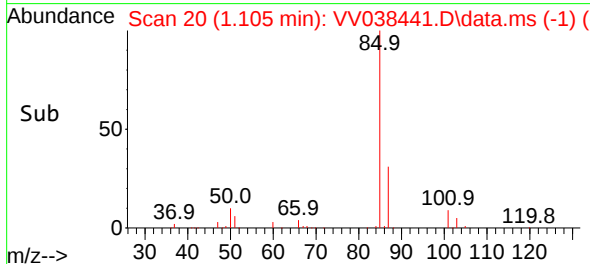
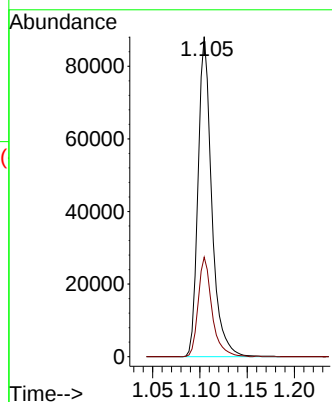
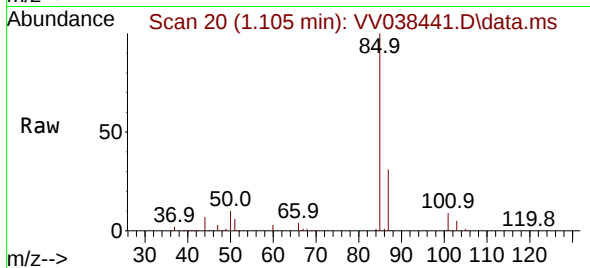




#2
Dichlorodifluoromethane
Concen: 4.058 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

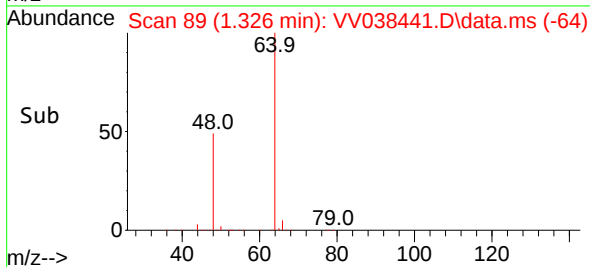
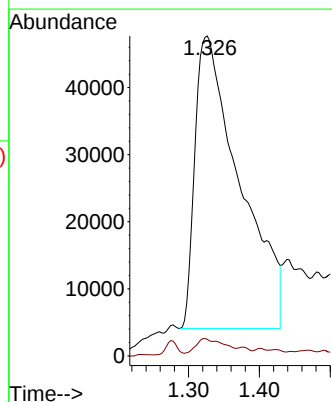
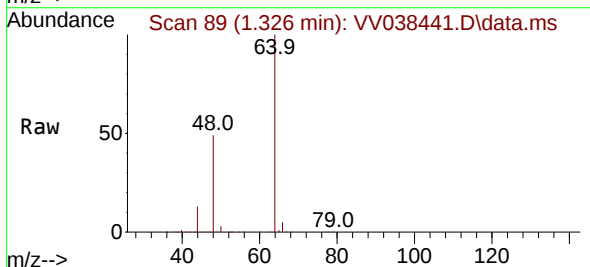
Instrument :
MSVOA_V
ClientSampleId :

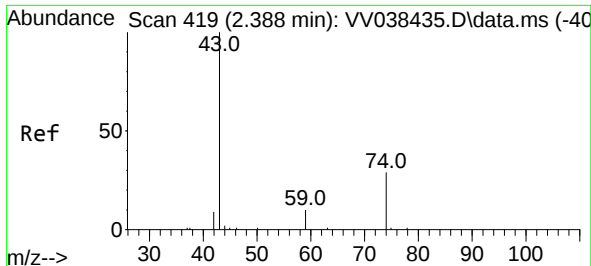
Tgt Ion: 85 Resp: 88733
Ion Ratio Lower Upper
85 100
87 31.3 26.5 39.7



#8
Chloroethane
Concen: 14.061 ug/L
RT: 1.326 min Scan# 89
Delta R.T. -0.219 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

Tgt Ion: 64 Resp: 191181
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#

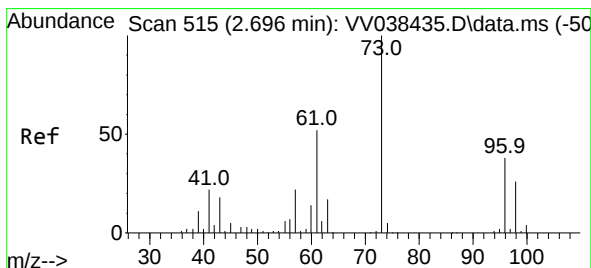
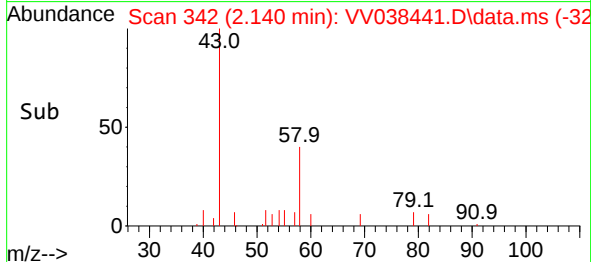
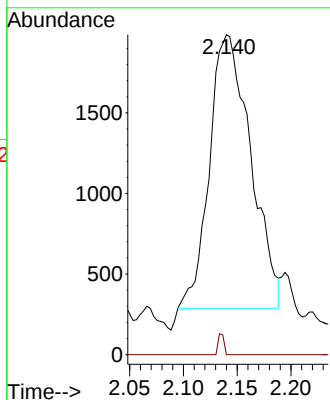
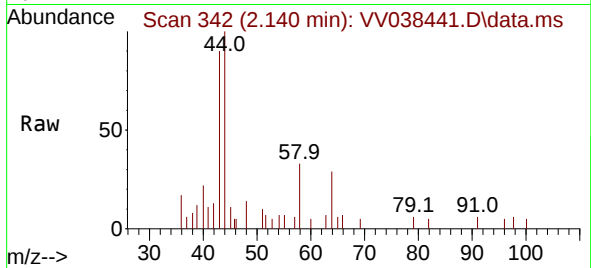




#15
Methyl Acetate
Concen: 0.711 ug/L
RT: 2.140 min Scan# 341
Delta R.T. -0.248 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

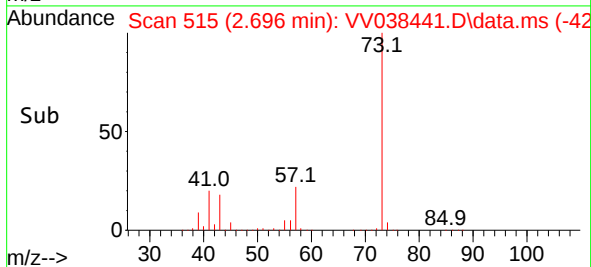
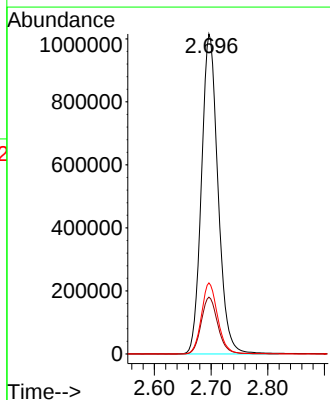
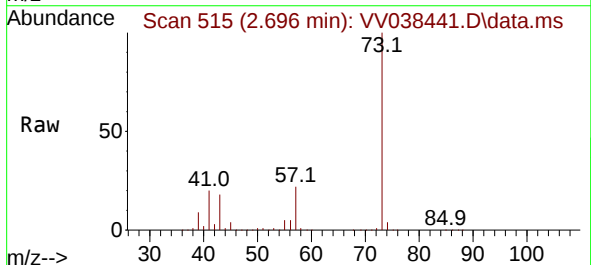
Instrument :
MSVOA_V
ClientSampleId :

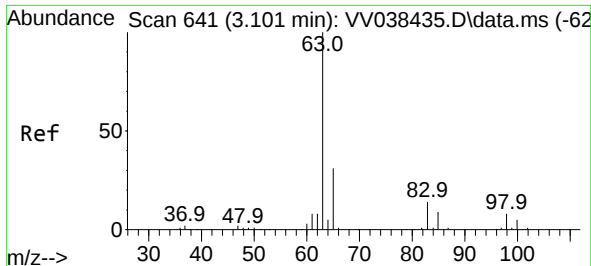
Tgt Ion: 43 Resp: 4525
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#17
Methyl tert-butyl Ether
Concen: 55.111 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

Tgt Ion: 73 Resp: 2056994
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.2
57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 1.027 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.006 min

Lab File: VV038441.D

Acq: 06 Dec 2024 16:03

Instrument :

MSVOA_V

ClientSampleId :

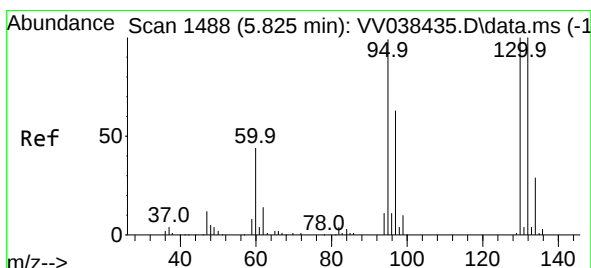
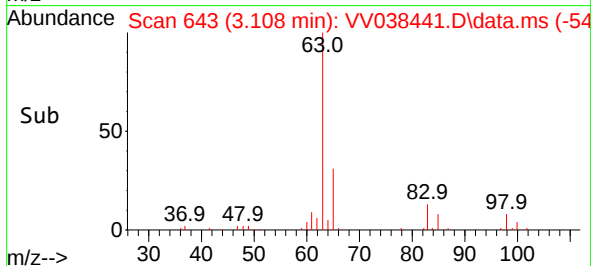
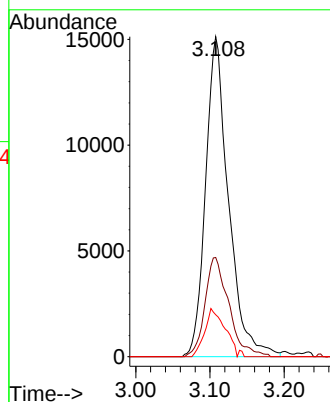
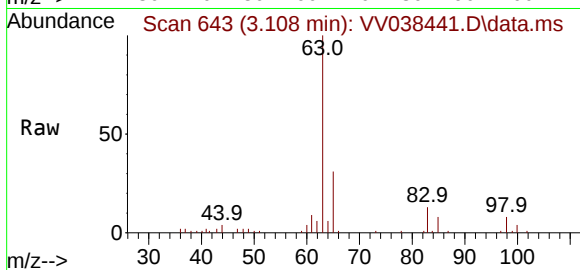
Tgt Ion: 63 Resp: 32424

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.7

83 13.1 10.1 18.9



#34

Trichloroethene

Concen: 1.062 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. 0.013 min

Lab File: VV038441.D

Acq: 06 Dec 2024 16:03

Tgt Ion: 95 Resp: 20459

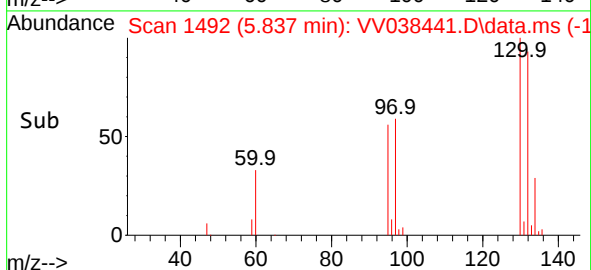
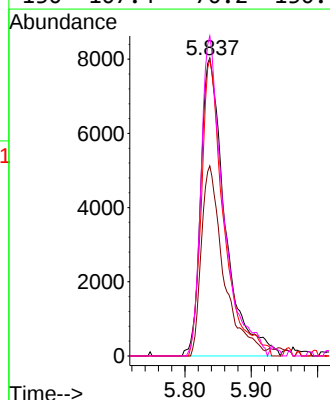
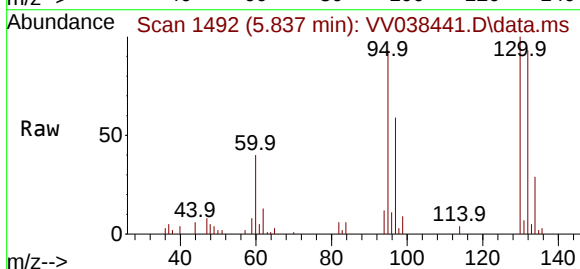
Ion Ratio Lower Upper

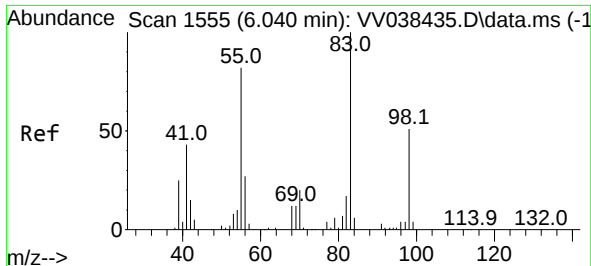
95 100

97 63.8 44.8 83.2

132 99.6 68.3 126.8

130 107.4 70.2 130.4

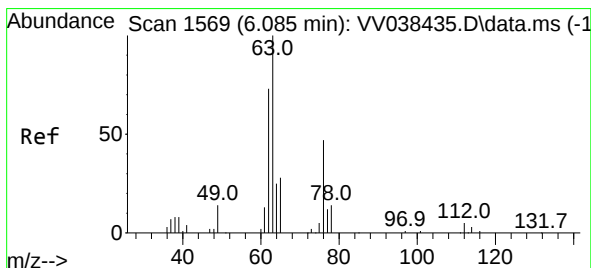
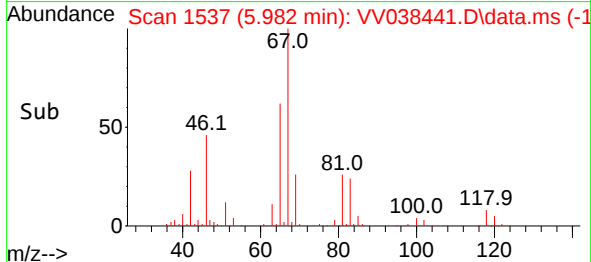
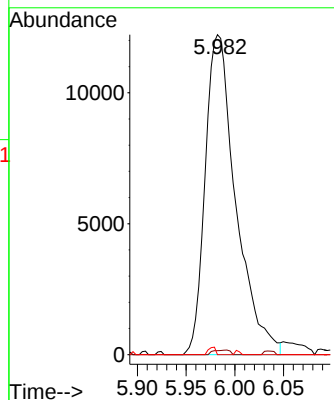
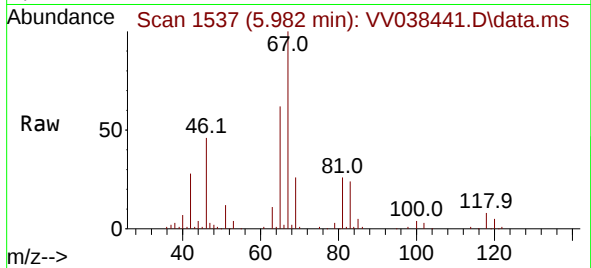




#35
Methylcyclohexane
Concen: 0.980 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

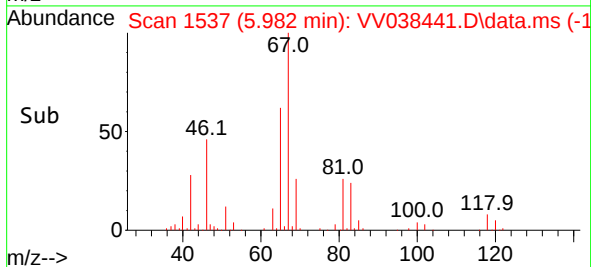
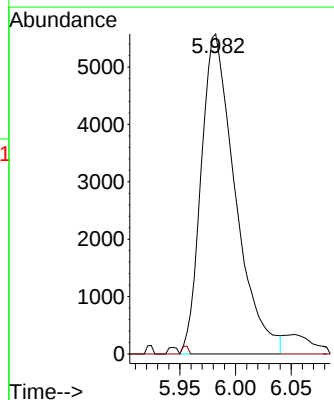
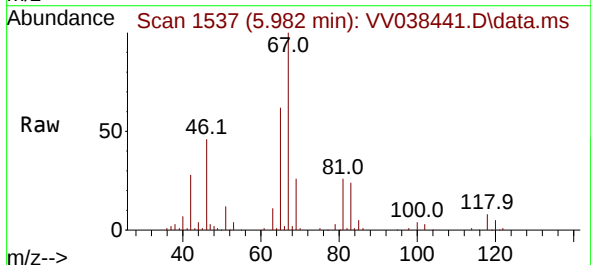
Instrument :
MSVOA_V
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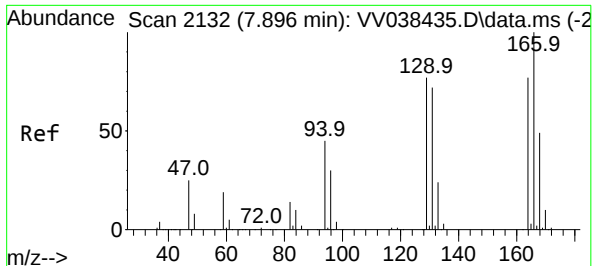
Tgt Ion: 83 Resp: 26706
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.5 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

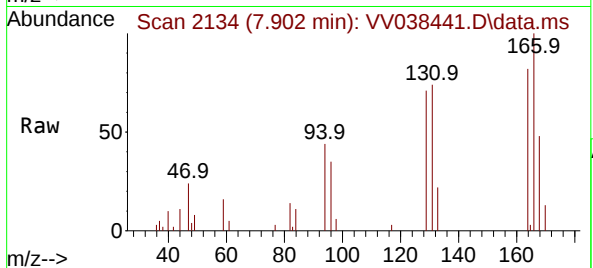
Tgt Ion: 63 Resp: 11850
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#





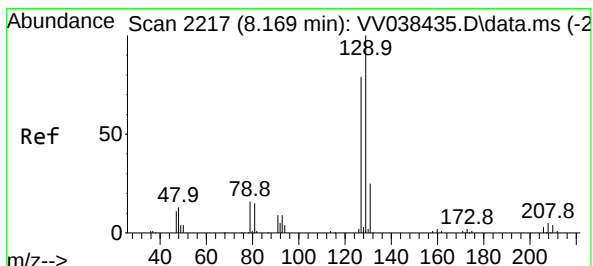
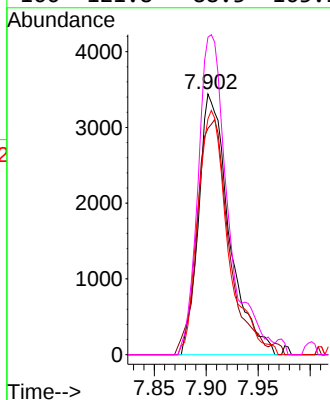
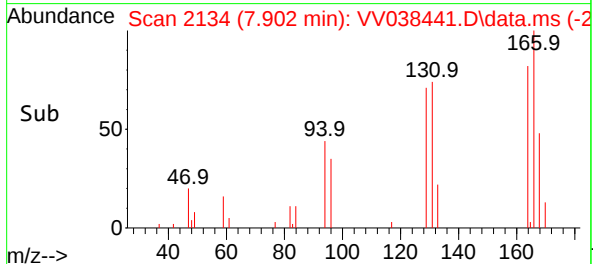
#47
Tetrachloroethene
Concen: 0.454 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 7029

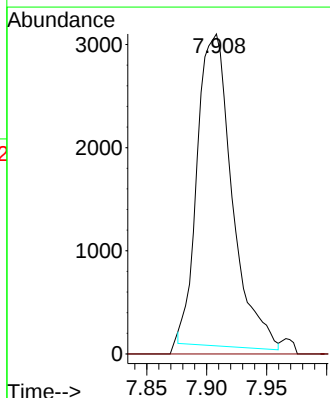
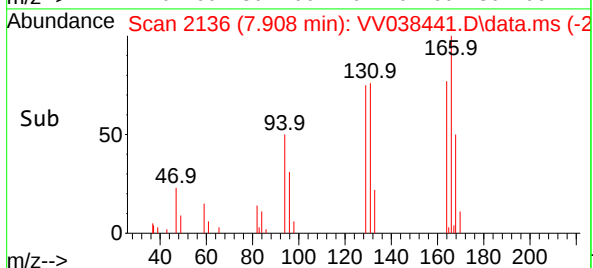
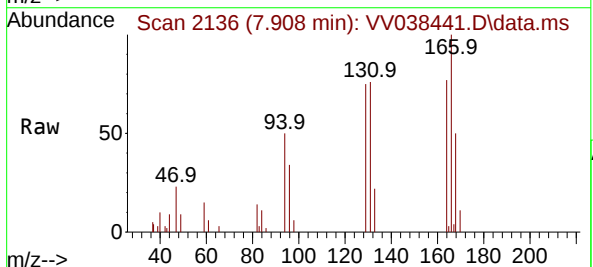
Ion	Ratio	Lower	Upper
164	100		
129	86.8	68.5	127.1
131	90.5	64.8	120.4
166	121.8	88.3	163.9

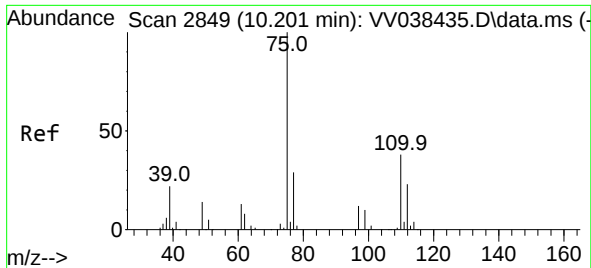


#49
Dibromochloromethane
Concen: 0.389 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.261 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

Tgt Ion:129 Resp: 6095

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#





#61

1,2,3-Trichloropropane

Concen: 1.534 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.977 min

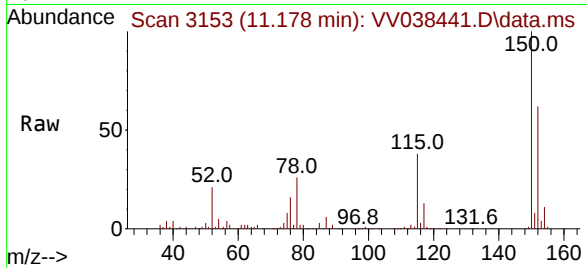
Lab File: VV038441.D

Acq: 06 Dec 2024 16:03

Instrument :

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Tgt Ion: 75 Resp: 12750

Ion Ratio Lower Upper

75 100

77 33.5 26.4 39.6

110 2.3 32.3 48.5#

