

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038367.D
 Acq On : 26 Nov 2024 16:17
 Operator : SY/MD
 Sample : P4930-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:23:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205523	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	226402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	92439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	48151	3.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.526	69	53554	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.053	65	23988	3.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.780	46	190677	60.507	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.020%
24) Chloroform-d	4.243	84	145989	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.937	65	73919	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.953	84	237735	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.982	67	87434	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.239	98	174144	3.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	7.558	79	26311	3.930	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.018	63	124440	47.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78153	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	76984	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	6592	0.339	ug/L	96
5) Vinyl chloride	1.278	62	50605	2.667	ug/L	98
12) 1,1-Dichloroethene	2.063	96	500927	34.125	ug/L #	68
13) Acetone	2.111	43	11079	4.754	ug/L	100
16) Methylene chloride	2.442	84	6491	0.388	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	22428	0.676	ug/L #	90
18) trans-1,2-Dichloroethene	2.696	96	2595	0.168	ug/L	97
19) 1,1-Dichloroethane	3.101	63	729227	25.978	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	154193	9.643	ug/L	97
27) 1,2-Dichloroethane	5.059	62	2034	0.124	ug/L	95
29) 1,1,1-Trichloroethane	4.510	97	8792	0.324	ug/L #	88
34) Trichloroethene	5.828	95	106807	6.161	ug/L	98
35) Methylcyclohexane	5.982	83	21135	0.862	ug/L #	20
42) Toluene	7.336	91	6812	0.101	ug/L	91
47) Tetrachloroethene	7.902	164	12147	0.872	ug/L	95
49) Dibromochloromethane	7.905	129	10807	0.767	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	11213	1.417	ug/L #	62

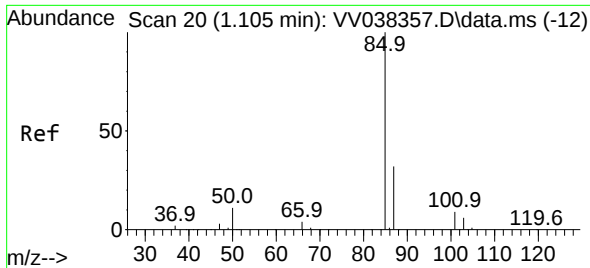
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

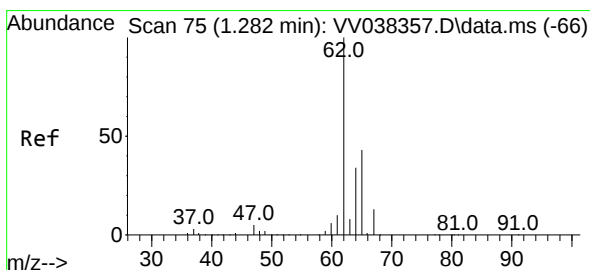
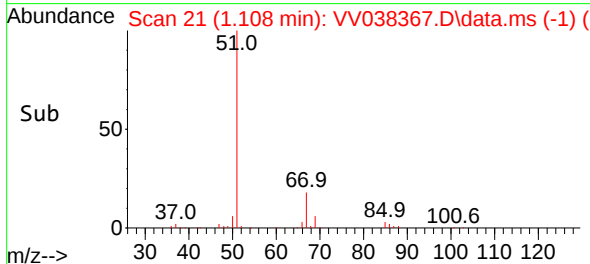
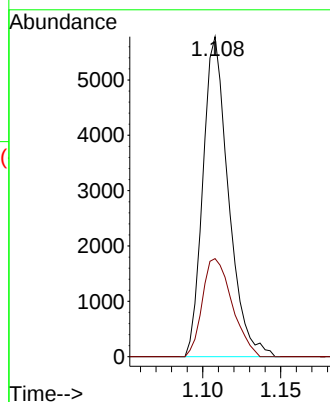
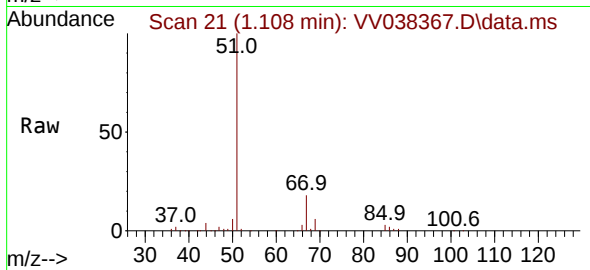
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#2
Dichlorodifluoromethane
Concen: 0.339 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

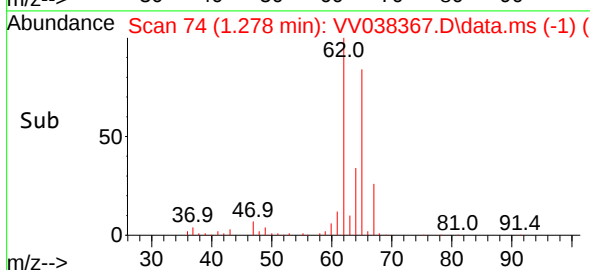
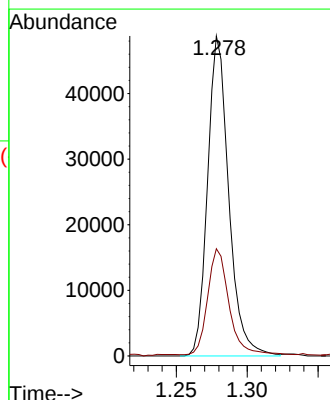
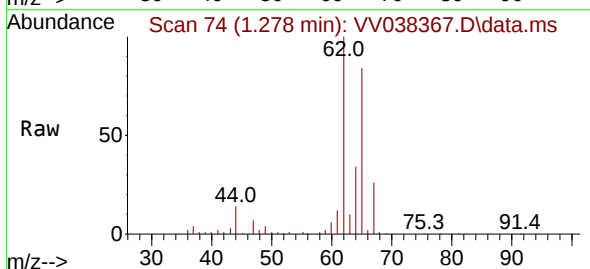
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MSVOA_V
ClientSampleId :

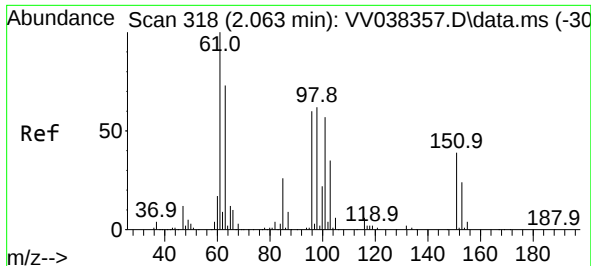
Tgt Ion: 85 Resp: 6592
Ion Ratio Lower Upper
85 100
87 35.6 26.5 39.7



#5
Vinyl chloride
Concen: 2.667 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.003 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion: 62 Resp: 50605
Ion Ratio Lower Upper
62 100
64 33.5 24.4 45.4





#12

1,1-Dichloroethene

Concen: 34.125 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038367.D

Acq: 26 Nov 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

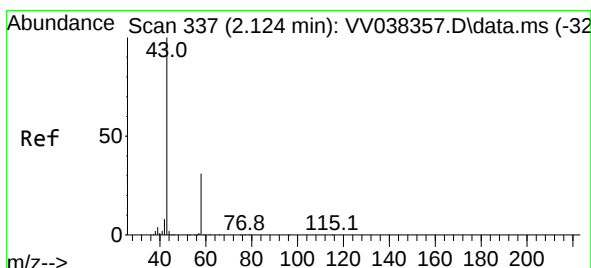
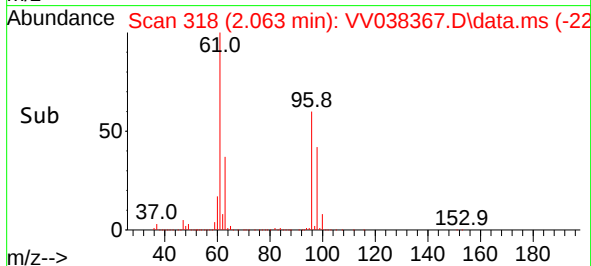
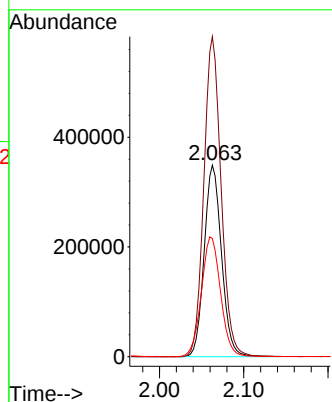
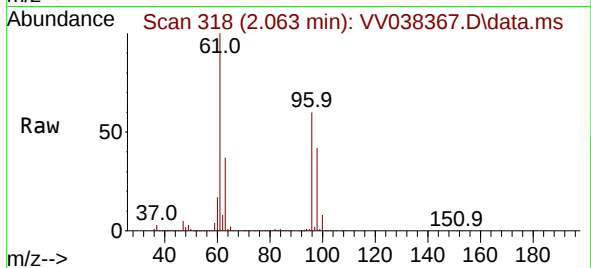
Tgt Ion: 96 Resp: 500927

Ion Ratio Lower Upper

96 100

61 167.1 115.7 214.9

63 61.7 101.1 187.7#



#13

Acetone

Concen: 4.754 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.013 min

Lab File: VV038367.D

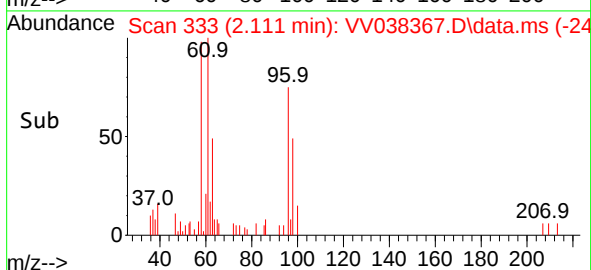
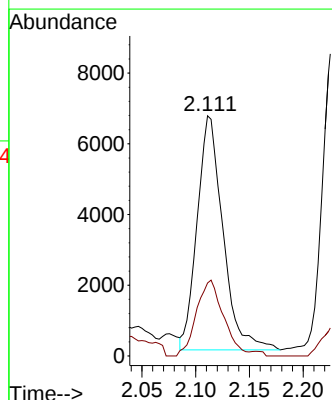
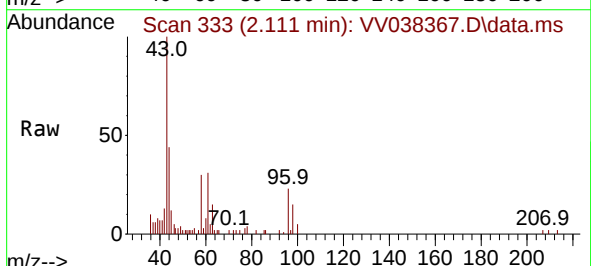
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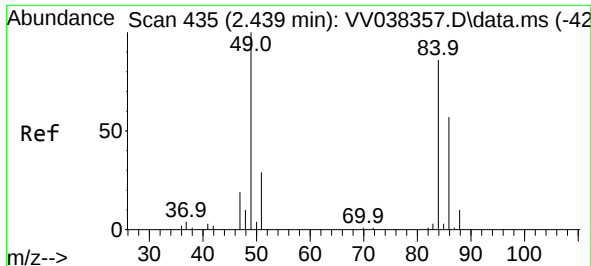
Tgt Ion: 43 Resp: 11079

Ion Ratio Lower Upper

43 100

58 33.7 0.0 67.2

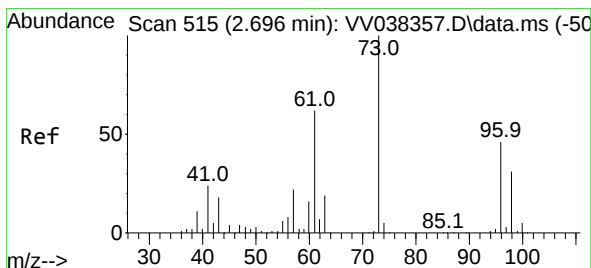
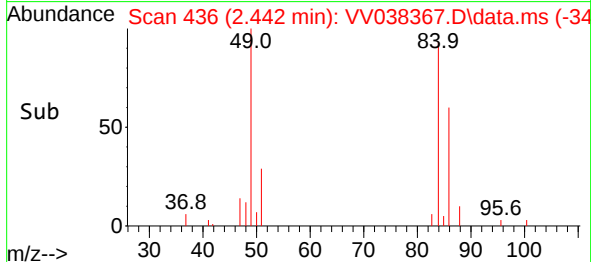
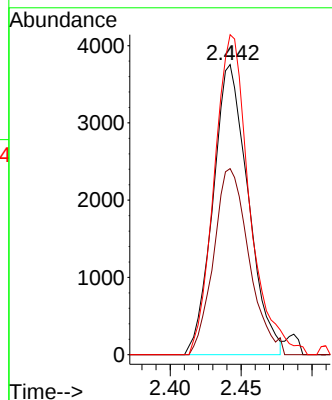
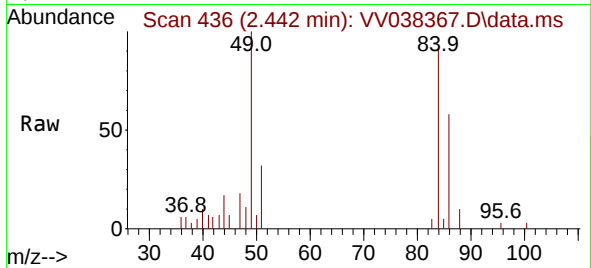




#16
Methylene chloride
Concen: 0.388 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

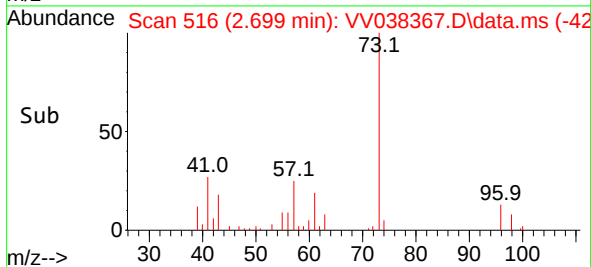
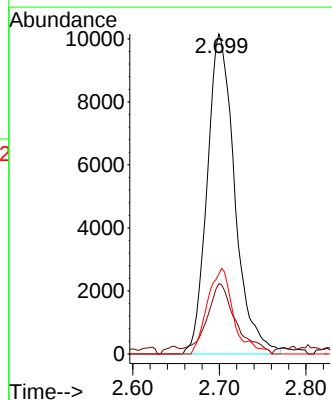
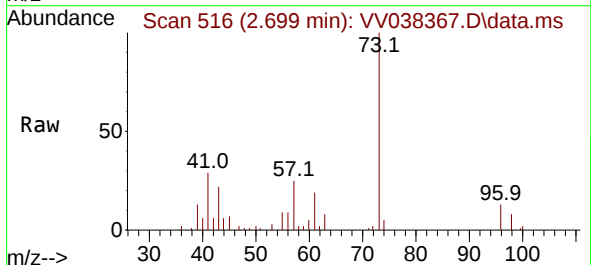
Instrument :
MSVOA_V
ClientSampleId :

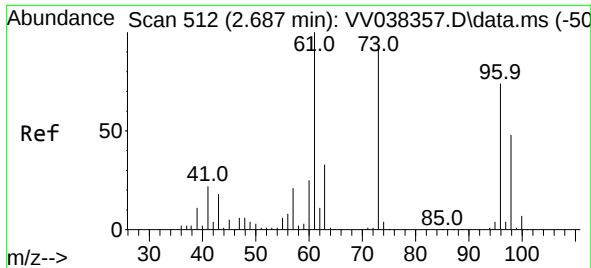
Tgt Ion: 84 Resp: 6491
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 110.3 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.676 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion: 73 Resp: 22428
Ion Ratio Lower Upper
73 100
43 23.4 14.2 21.2#
57 25.3 17.6 26.4

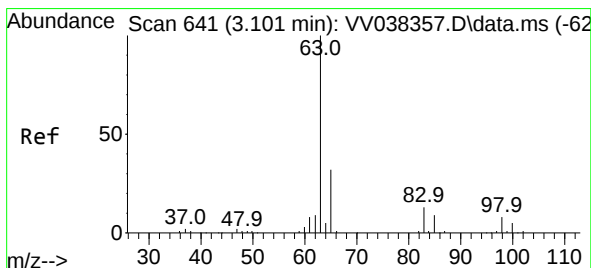
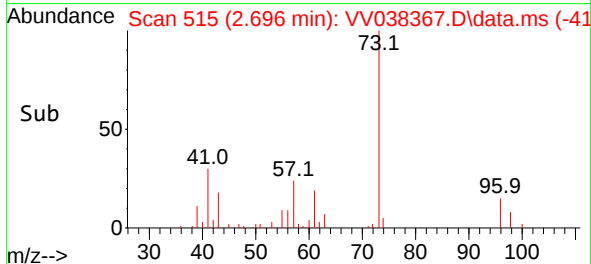
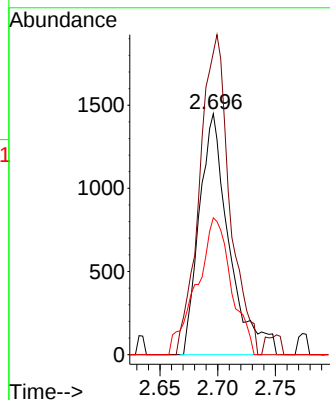
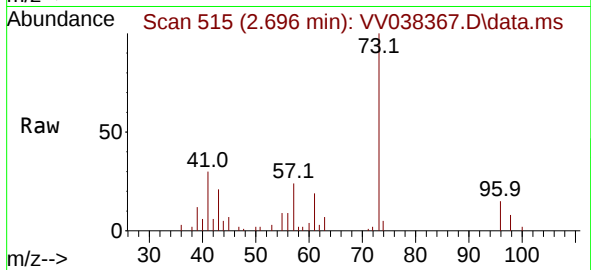




#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.009 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

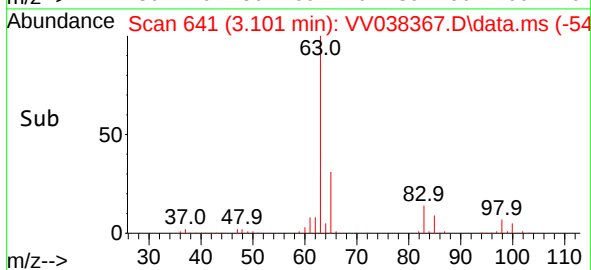
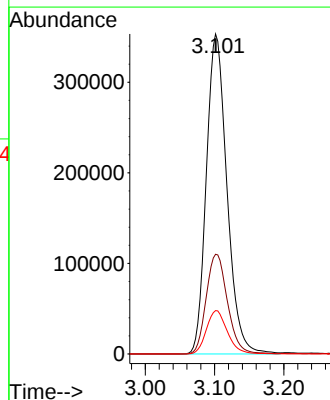
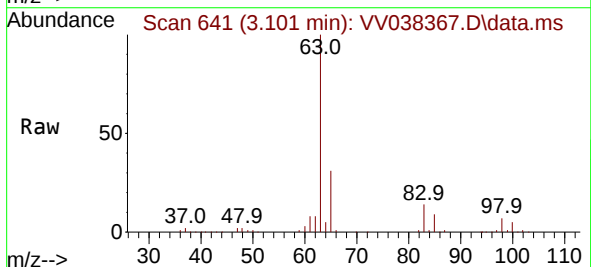
Instrument :
MSVOA_V
ClientSampleId :

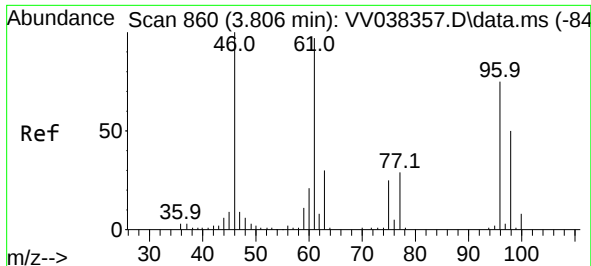
Tgt Ion: 96 Resp: 2595
Ion Ratio Lower Upper
96 100
61 125.3 88.5 164.4
98 56.7 43.9 81.5



#19
1,1-Dichloroethane
Concen: 25.978 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion: 63 Resp: 729227
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.7
83 13.6 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 9.643 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038367.D

Acq: 26 Nov 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

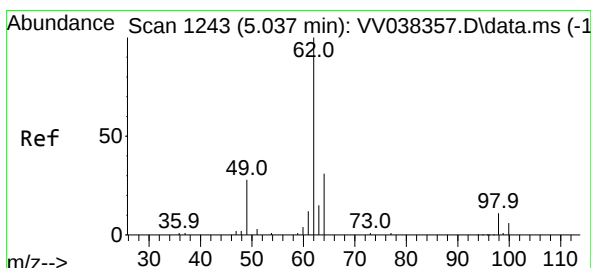
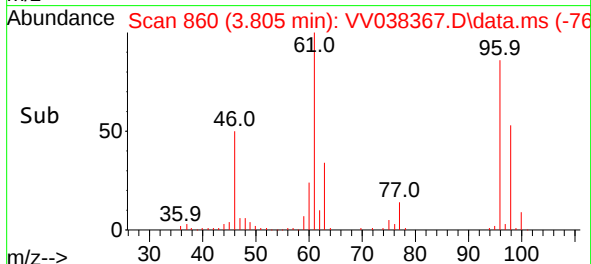
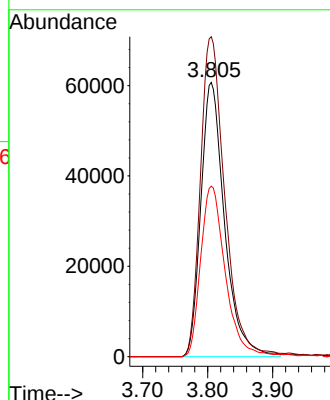
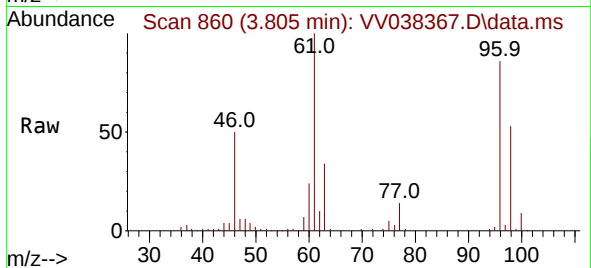
Tgt Ion: 96 Resp: 154193

Ion Ratio Lower Upper

96 100

61 116.7 82.7 153.5

98 62.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 0.124 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.022 min

Lab File: VV038367.D

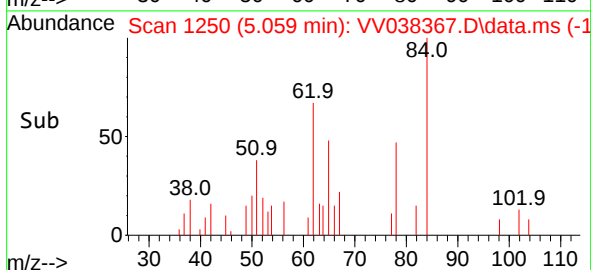
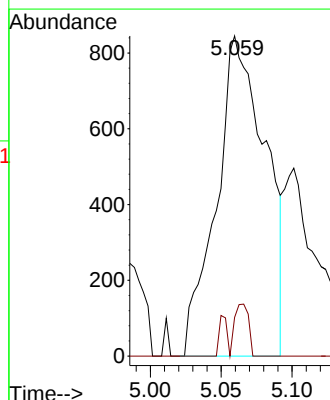
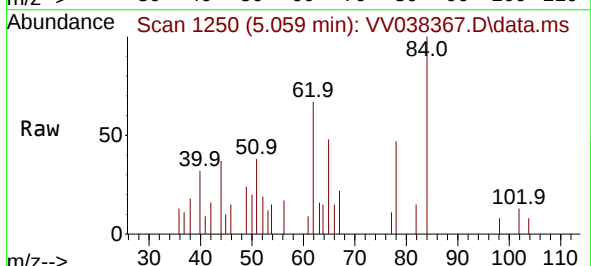
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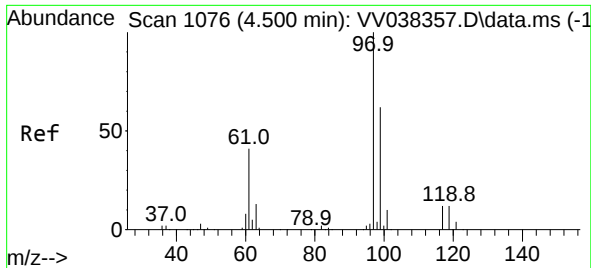
Tgt Ion: 62 Resp: 2034

Ion Ratio Lower Upper

62 100

98 12.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.324 ug/L

RT: 4.510 min Scan# 1076

Delta R.T. 0.009 min

Lab File: VV038367.D

Acq: 26 Nov 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

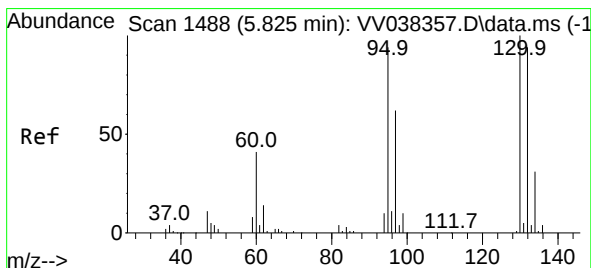
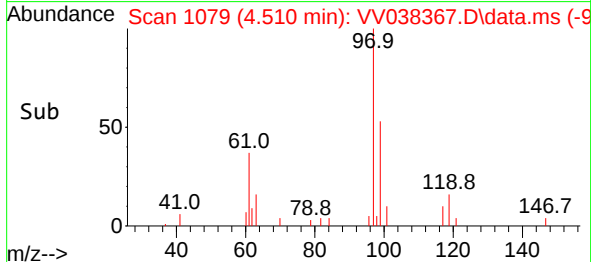
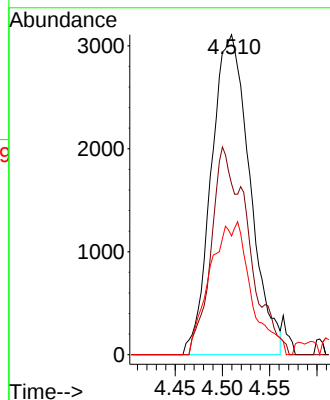
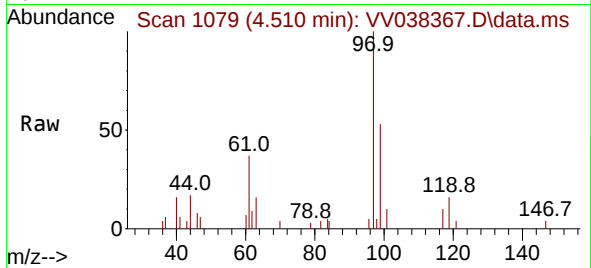
Tgt Ion: 97 Resp: 8792

Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.8

61 24.2 32.2 48.2#



#34

Trichloroethene

Concen: 6.161 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV038367.D

Acq: 26 Nov 2024 16:17

Tgt Ion: 95 Resp: 106807

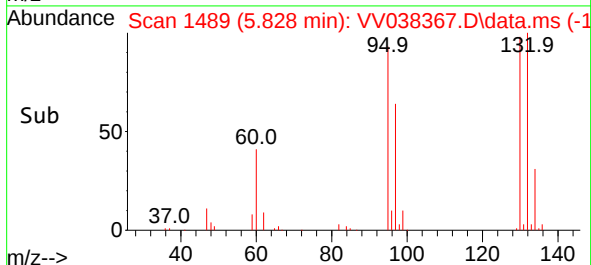
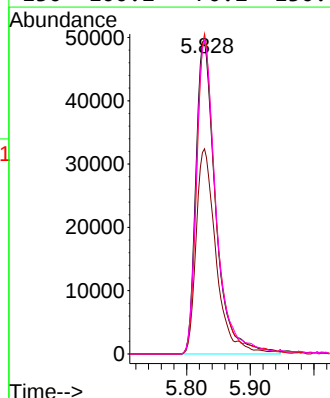
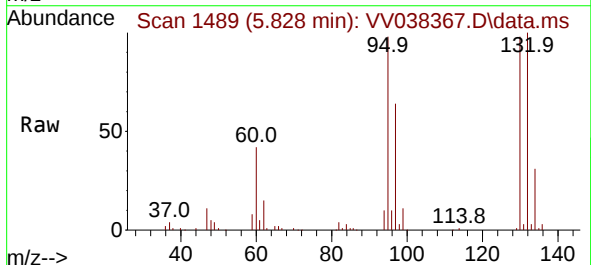
Ion Ratio Lower Upper

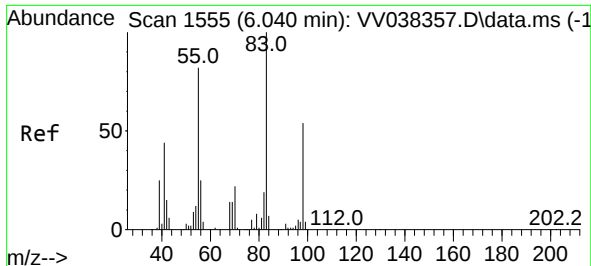
95 100

97 65.6 44.8 83.2

132 102.3 68.3 126.8

130 100.2 70.2 130.4

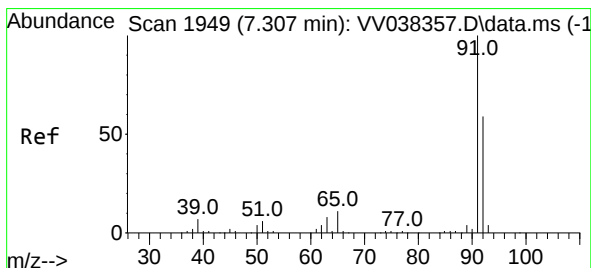
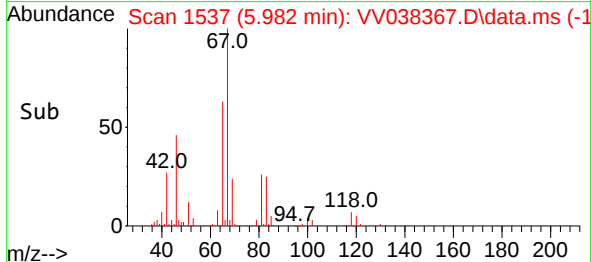
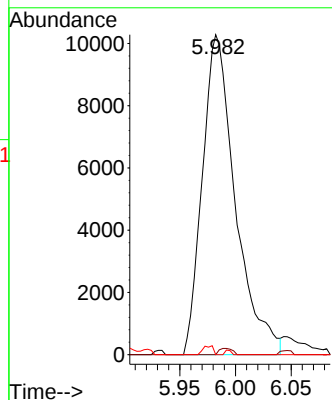
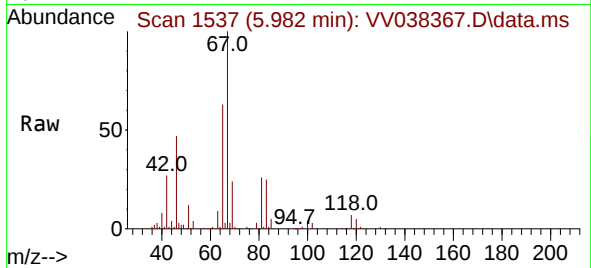




#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

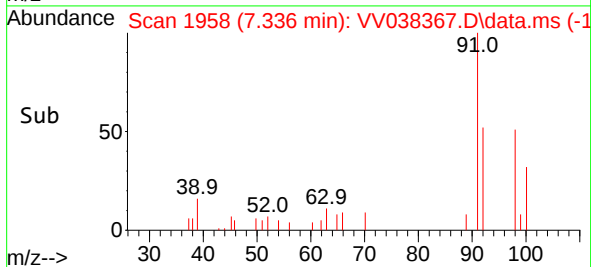
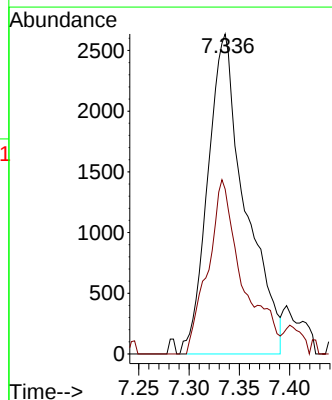
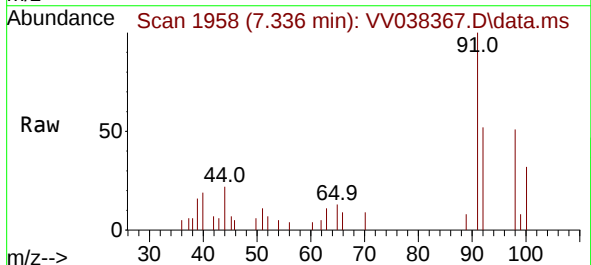
Instrument :
MSVOA_V
ClientSampleId :

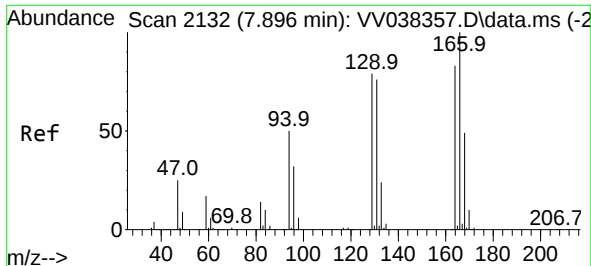
Tgt Ion: 83 Resp: 21135
Ion Ratio Lower Upper
83 100
55 0.8 59.7 89.5#
98 0.8 39.0 58.4#



#42
Toluene
Concen: 0.101 ug/L
RT: 7.336 min Scan# 1958
Delta R.T. 0.029 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

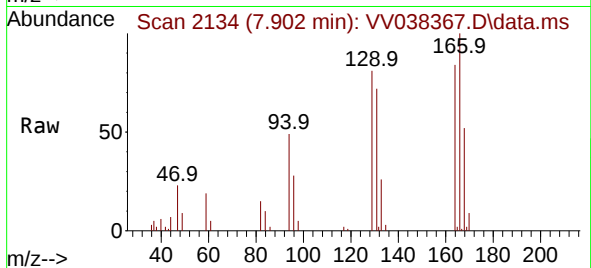
Tgt Ion: 91 Resp: 6812
Ion Ratio Lower Upper
91 100
92 51.5 40.8 75.8



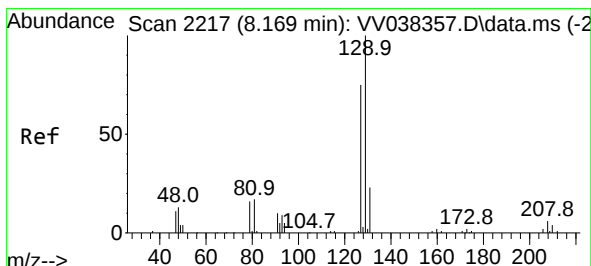
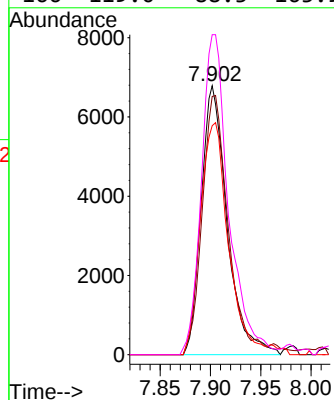
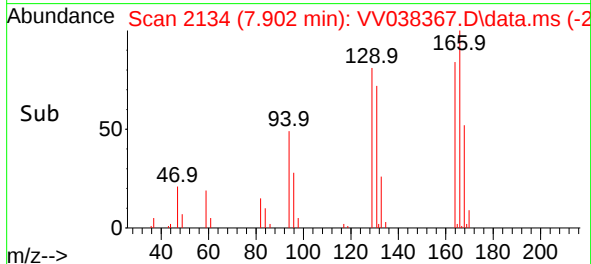


#47
Tetrachloroethene
Concen: 0.872 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Instrument :
MSVOA_V
ClientSampleId :

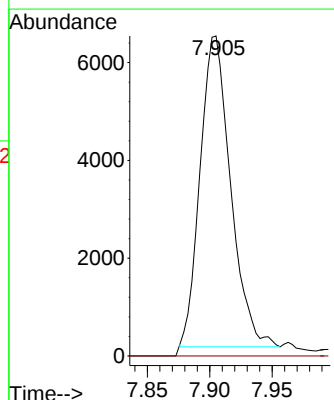
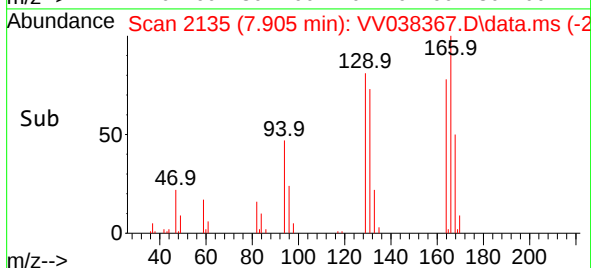
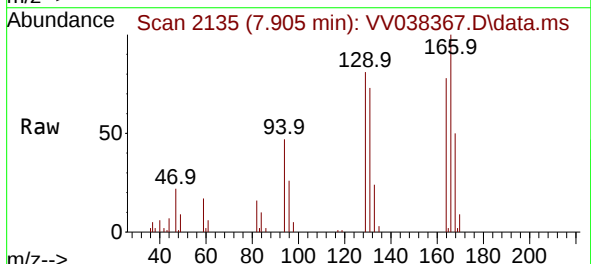


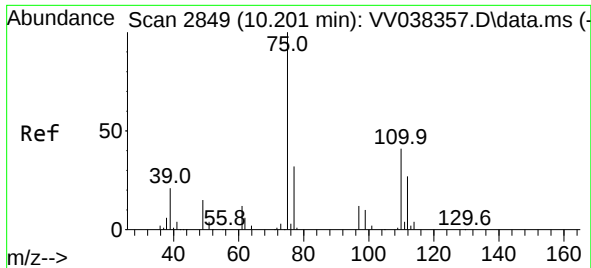
Tgt Ion:164 Resp: 12147
Ion Ratio Lower Upper
164 100
129 96.0 68.5 127.1
131 85.1 64.8 120.4
166 119.0 88.3 163.9



#49
Dibromochloromethane
Concen: 0.767 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.264 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion:129 Resp: 10807
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61
1,2,3-Trichloropropane
Concen: 1.417 ug/L
RT: 11.178 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 11213
Ion Ratio Lower Upper
75 100
77 37.8 26.4 39.6
110 1.6 32.3 48.5#

