

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112624\
 Data File : VW038364.D
 Acq On : 26 Nov 2024 15:04
 Operator : SY/MD
 Sample : P4930-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:22:18 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	206683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	232619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49328	3.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.529	69	54767	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.053	65	24482	3.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.786	46	195221	61.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.200%
24) Chloroform-d	4.240	84	152376	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.937	65	76694	5.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.953	84	245251	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.982	67	92275	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.240	98	179915	3.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.558	79	28667	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.021	63	141972	53.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80455	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	78682	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	4973	0.254	ug/L	100
9) Trichlorofluoromethane	1.709	101	9332	0.344	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	17412	1.124	ug/L	92
12) 1,1-Dichloroethene	2.063	96	75619	5.122	ug/L	87
15) Methyl Acetate	2.249	43	34732	6.102	ug/L #	47
16) Methylene chloride	2.442	84	27473	1.632	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	2943	0.088	ug/L #	84
19) 1,1-Dichloroethane	3.108	63	21193	0.751	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	90983	5.658	ug/L	98
25) Chloroform	4.275	83	44000	1.457	ug/L	96
27) 1,2-Dichloroethane	5.063	62	4522	0.275	ug/L #	94
29) 1,1,1-Trichloroethane	4.507	97	41188	1.476	ug/L	97
31) Carbon tetrachloride	4.728	117	11241	0.457	ug/L	94
34) Trichloroethene	5.822	95	475451	26.693	ug/L	99
35) Methylcyclohexane	5.982	83	22235	0.882	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	9716	0.594	ug/L #	87
42) Toluene	7.323	91	16684	0.241	ug/L	94
47) Tetrachloroethene	7.899	164	169699	11.856	ug/L	98
49) Dibromochloromethane	7.895	129	160524	11.092	ug/L #	11

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
Data File : VV038364.D
Acq On : 26 Nov 2024 15:04
Operator : SY/MD
Sample : P4930-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

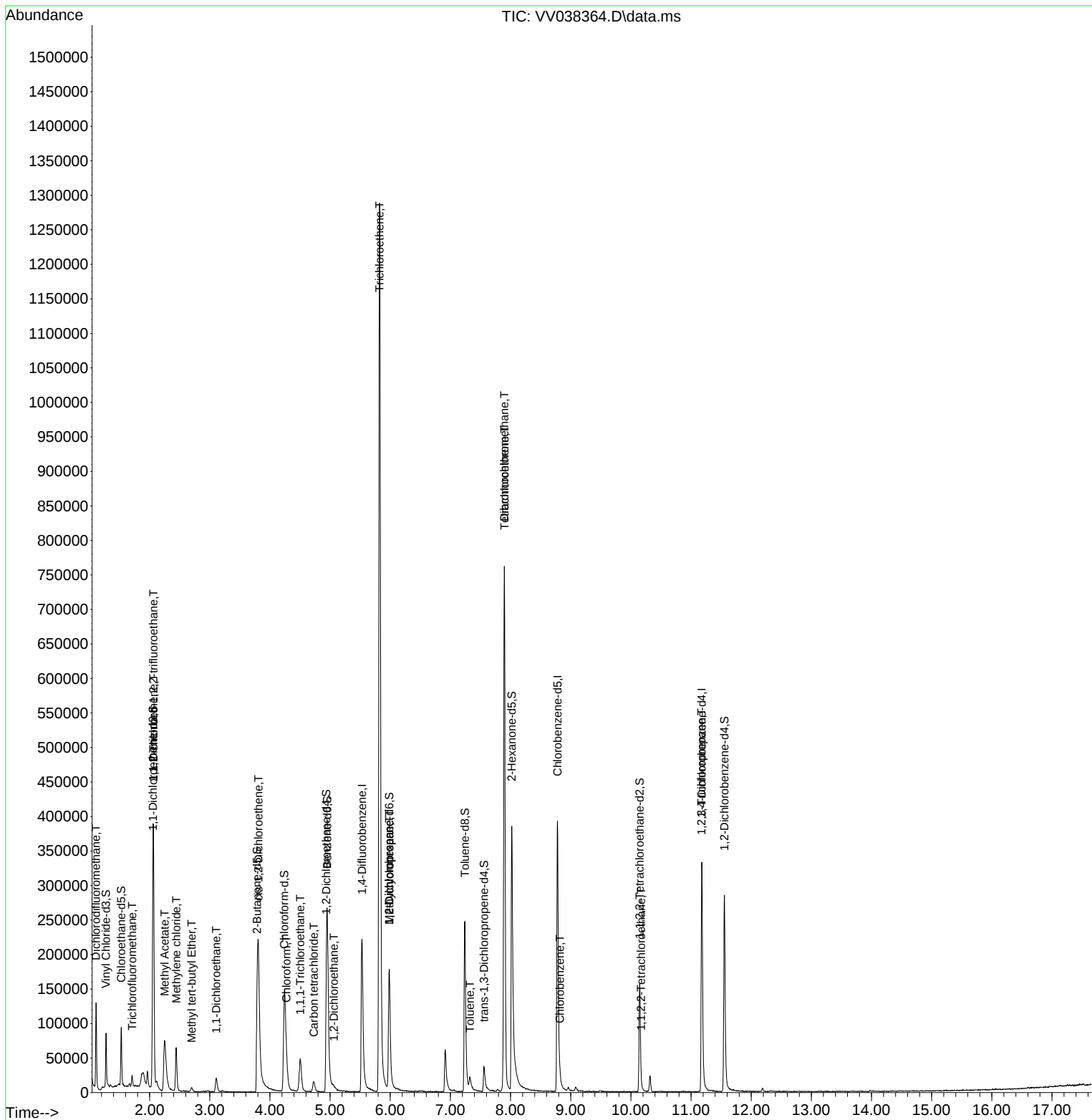
Instrument :
MSVOA_V
ClientSampleId :

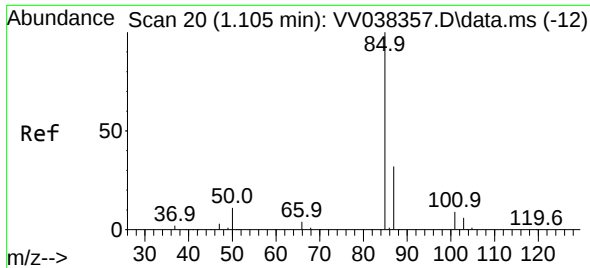
Quant Time: Nov 27 00:22:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 27 00:19:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	8.821	112	11623	0.244	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	2392	0.154	ug/L #	86
61) 1,2,3-Trichloropropane	11.175	75	11012	1.360	ug/L #	60

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

Quant Time: Nov 27 00:22:18 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

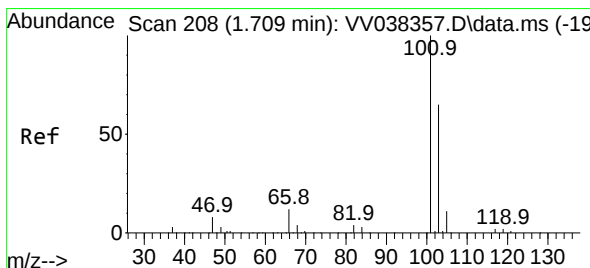
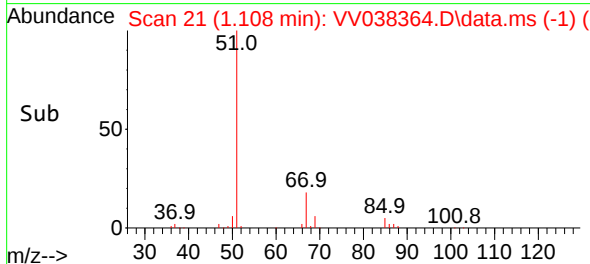
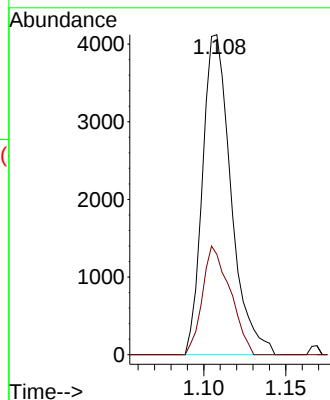
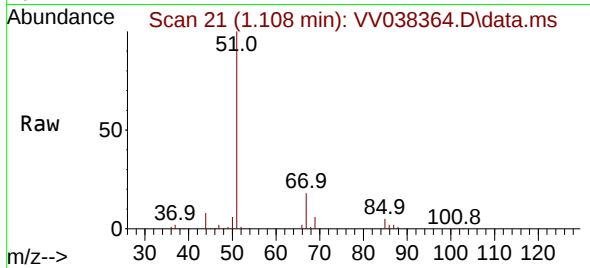




#2
 Dichlorodifluoromethane
 Concen: 0.254 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

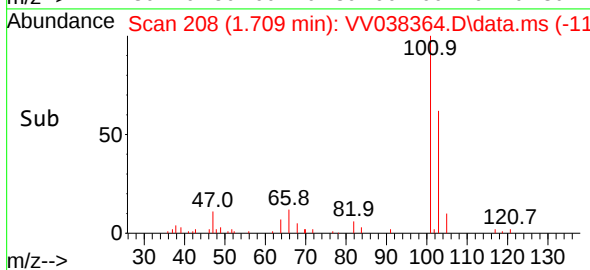
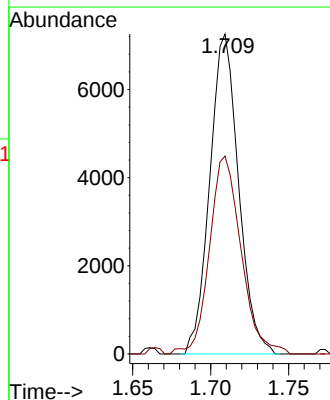
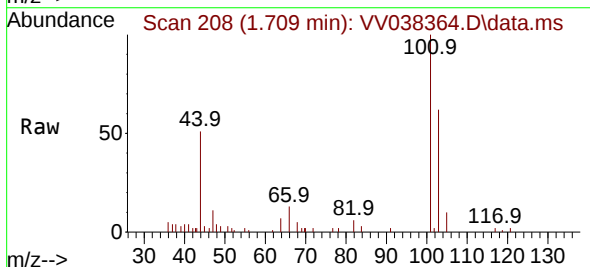
Instrument :
 MSVOA_V
 ClientSampleId :

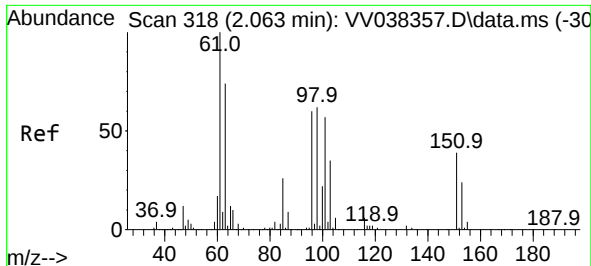
Tgt Ion: 85 Resp: 4973
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.5 39.7



#9
 Trichlorofluoromethane
 Concen: 0.344 ug/L
 RT: 1.709 min Scan# 208
 Delta R.T. -0.000 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

Tgt Ion: 101 Resp: 9332
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.5 77.3

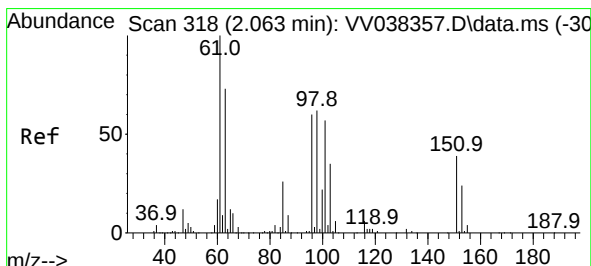
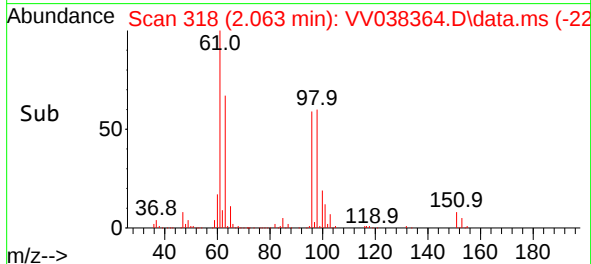
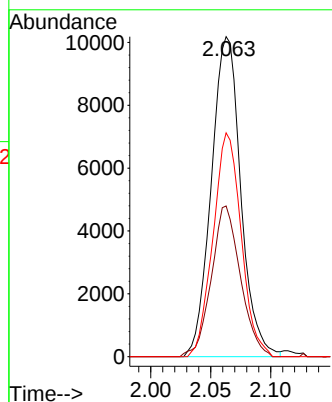
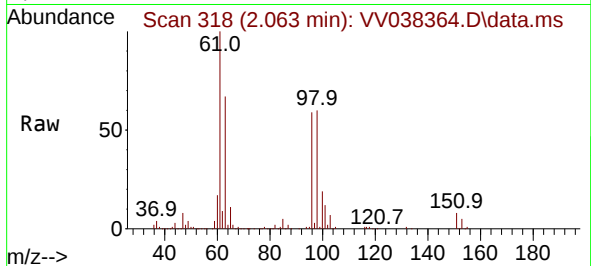




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.124 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

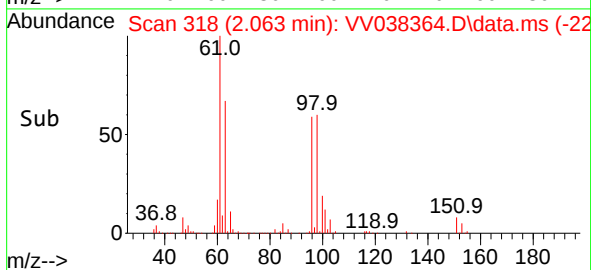
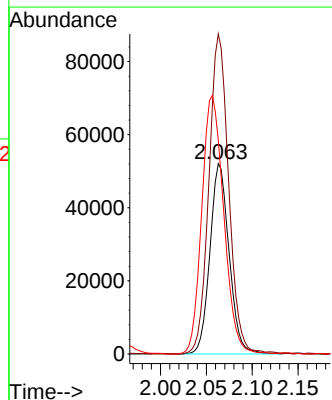
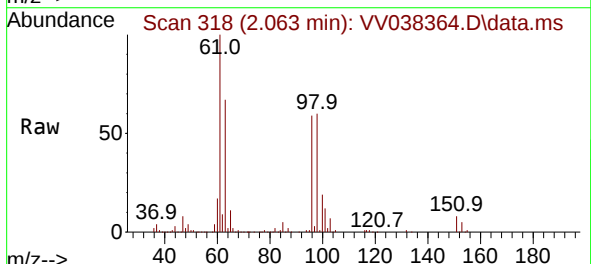
Instrument :
 MSVOA_V
 ClientSampleId :

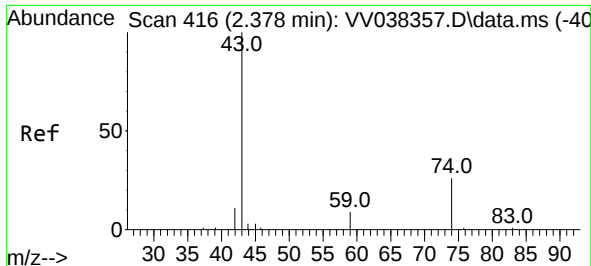
Tgt Ion:101 Resp: 17412
 Ion Ratio Lower Upper
 101 100
 85 46.3 33.4 50.0
 151 66.6 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 5.122 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

Tgt Ion: 96 Resp: 75619
 Ion Ratio Lower Upper
 96 100
 61 168.2 115.7 214.9
 63 112.5 101.1 187.7

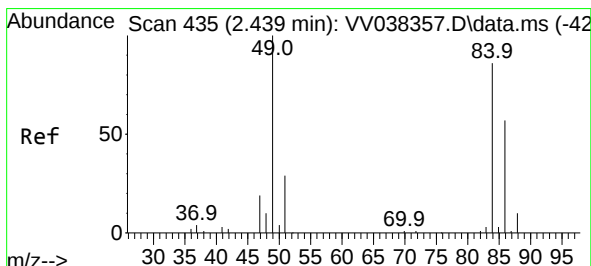
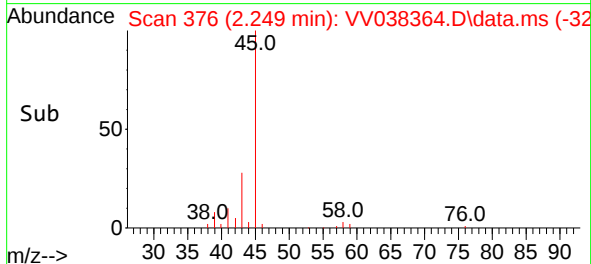
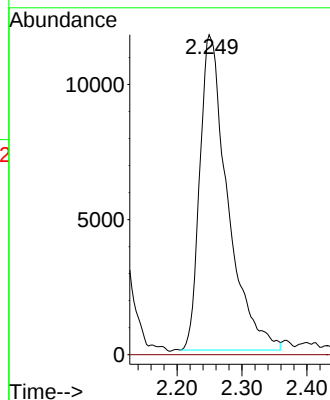
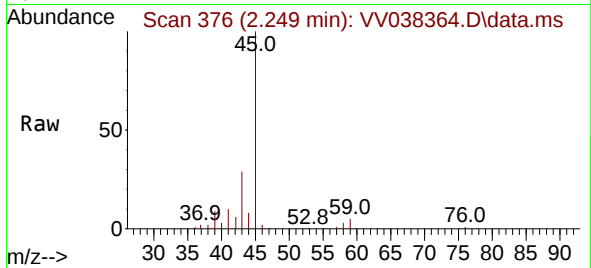




#15
Methyl Acetate
Concen: 6.102 ug/L
RT: 2.249 min Scan# 31
Delta R.T. -0.129 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

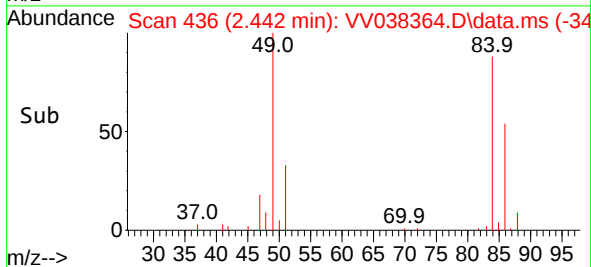
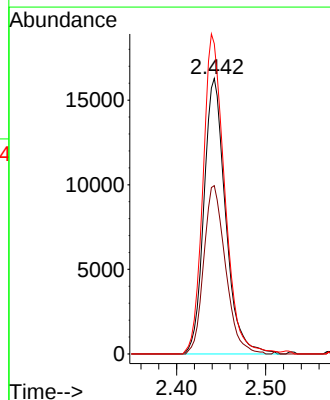
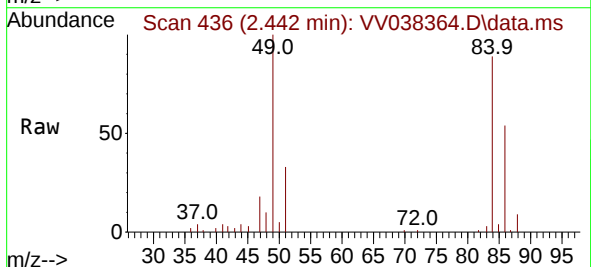
Instrument :
MSVOA_V
ClientSampleId :

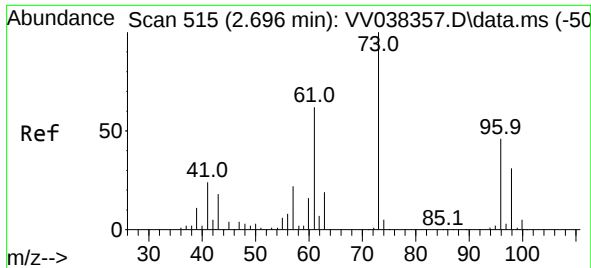
Tgt Ion: 43 Resp: 34732
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 1.632 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion: 84 Resp: 27473
Ion Ratio Lower Upper
84 100
86 61.1 44.2 82.2
49 112.6 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.088 ug/L

RT: 2.700 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038364.D

Acq: 26 Nov 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

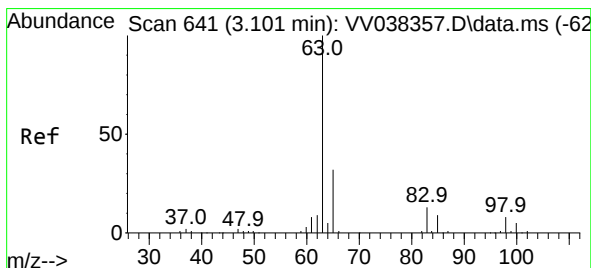
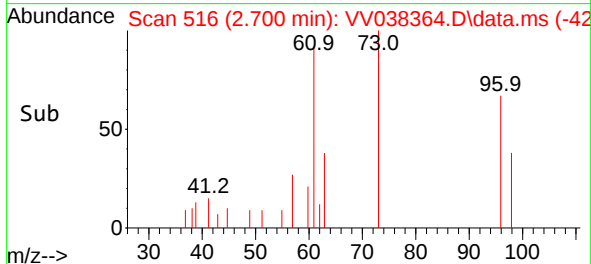
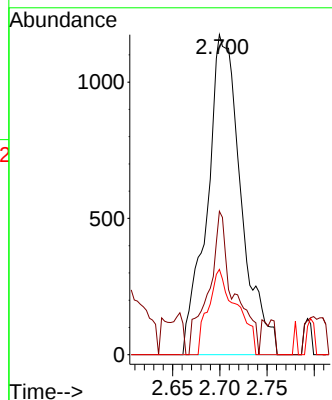
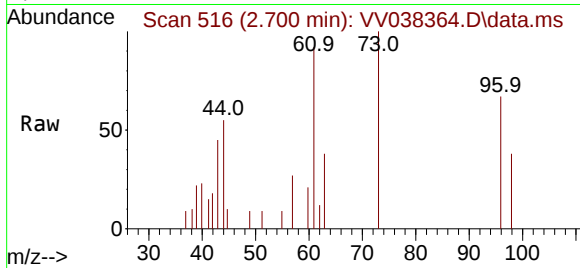
Tgt Ion: 73 Resp: 2943

Ion Ratio Lower Upper

73 100

43 33.5 14.2 21.2#

57 22.2 17.6 26.4



#19

1,1-Dichloroethane

Concen: 0.751 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.006 min

Lab File: VV038364.D

Acq: 26 Nov 2024 15:04

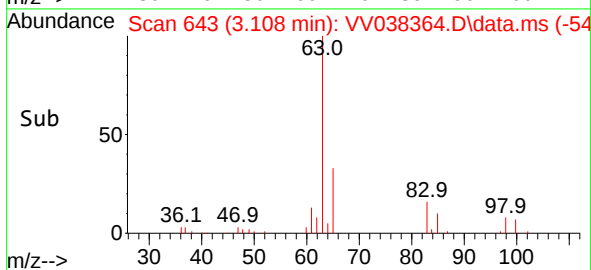
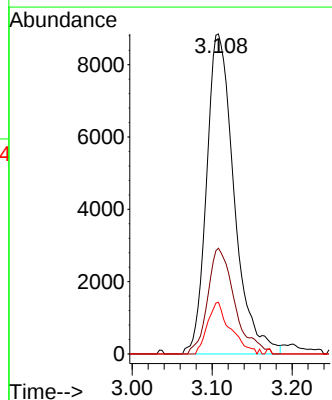
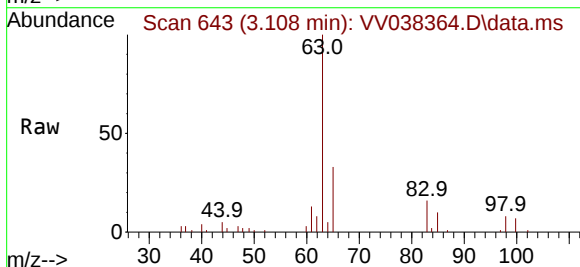
Tgt Ion: 63 Resp: 21193

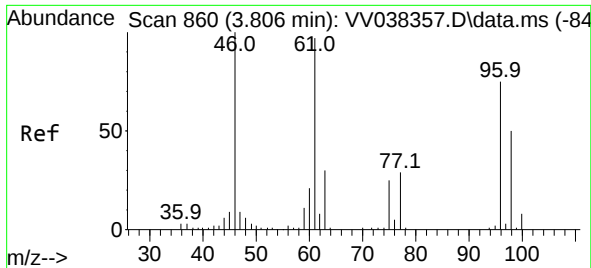
Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.7

83 16.1 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 5.658 ug/L

RT: 3.809 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV038364.D

Acq: 26 Nov 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

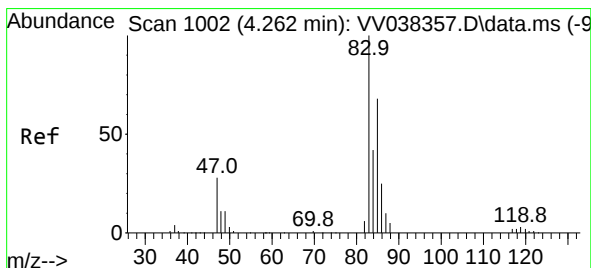
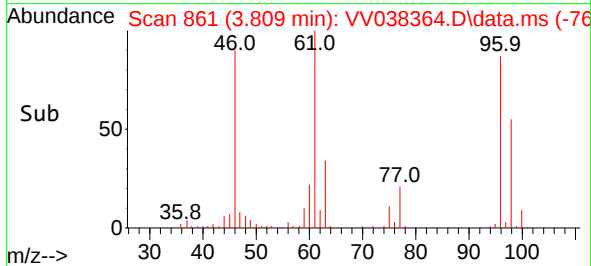
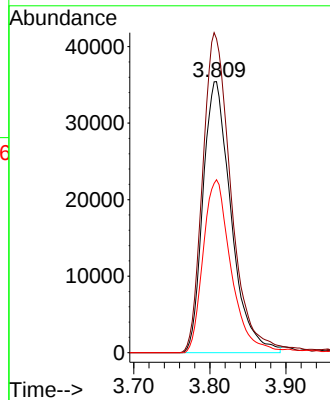
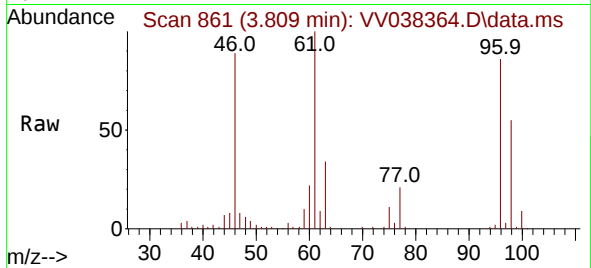
Tgt Ion: 96 Resp: 90983

Ion Ratio Lower Upper

96 100

61 115.9 82.7 153.5

98 63.8 46.3 85.9



#25

Chloroform

Concen: 1.457 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.013 min

Lab File: VV038364.D

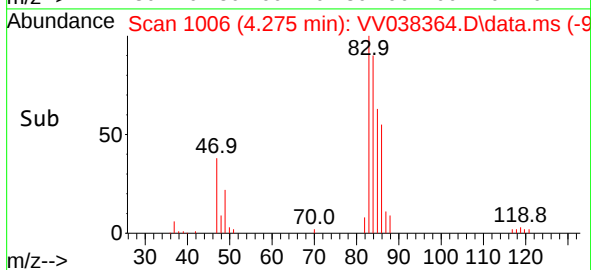
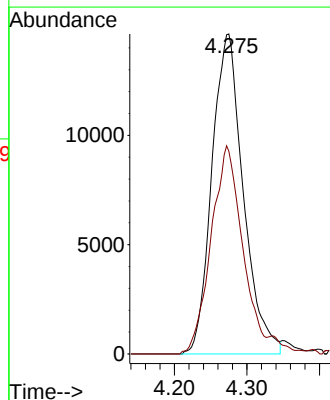
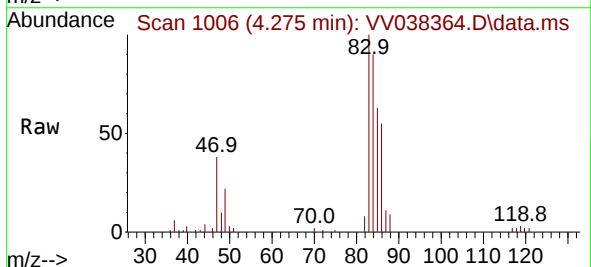
Acq: 26 Nov 2024 15:04

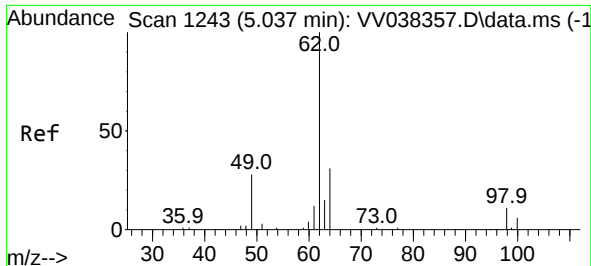
Tgt Ion: 83 Resp: 44000

Ion Ratio Lower Upper

83 100

85 63.3 46.5 86.3

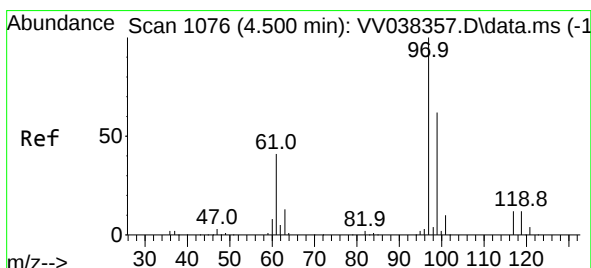
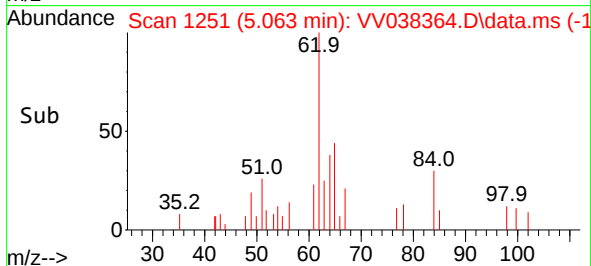
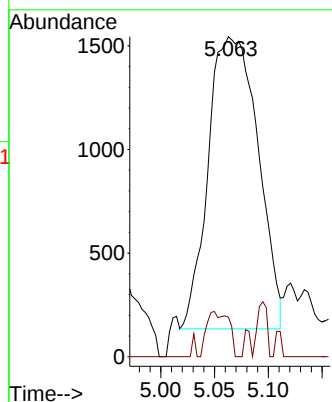
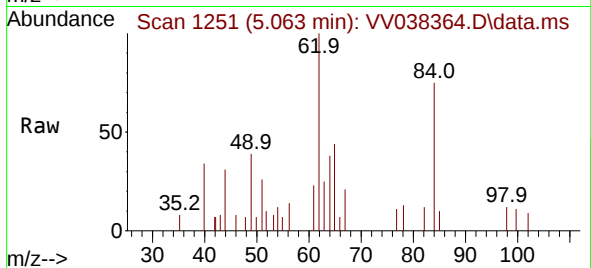




#27
1,2-Dichloroethane
Concen: 0.275 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

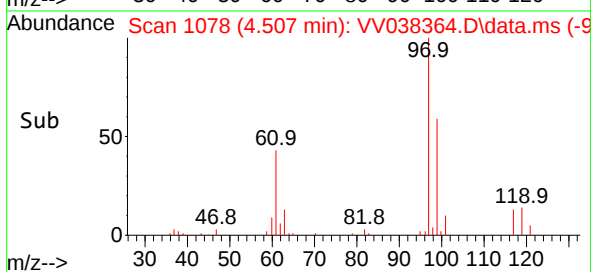
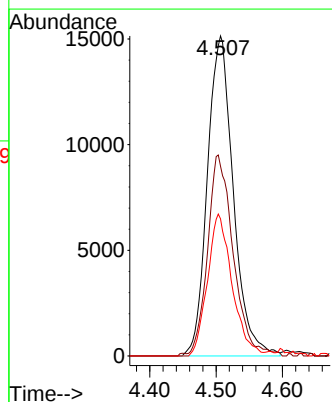
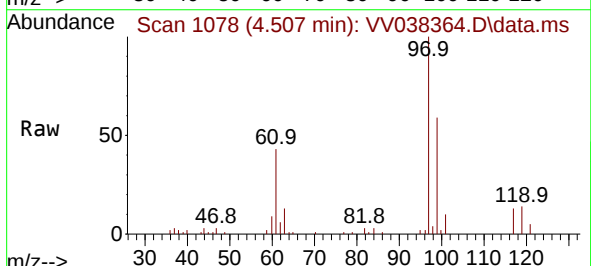
Instrument :
MSVOA_V
ClientSampleId :

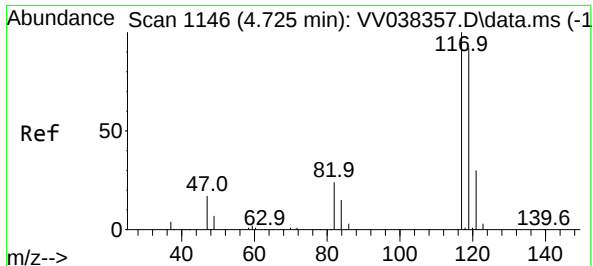
Tgt Ion: 62 Resp: 4522
Ion Ratio Lower Upper
62 100
98 12.4 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 1.476 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion: 97 Resp: 41188
Ion Ratio Lower Upper
97 100
99 62.1 51.8 77.8
61 42.1 32.2 48.2

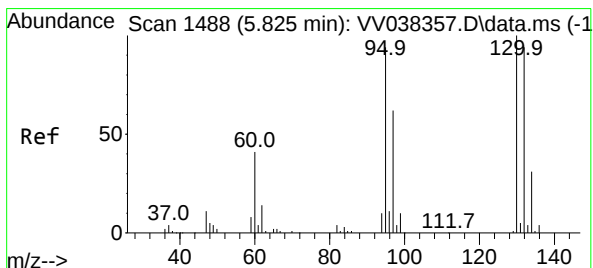
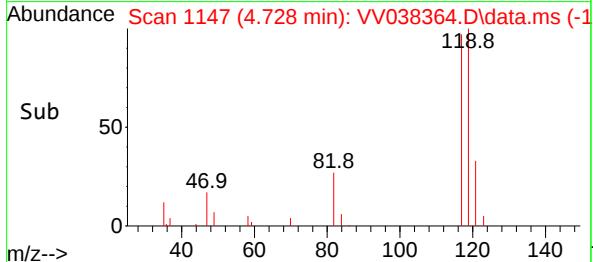
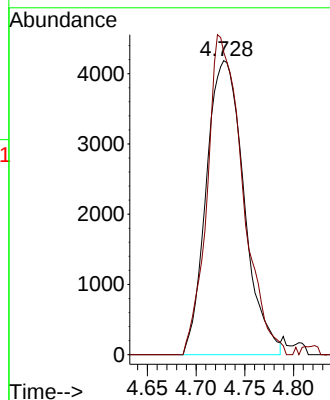
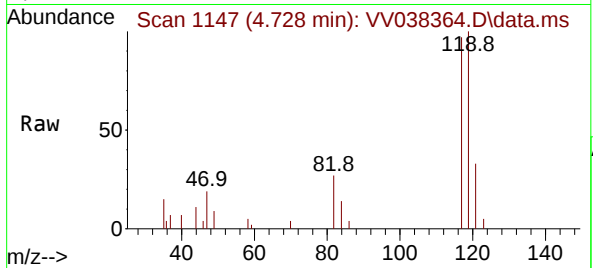




#31
Carbon tetrachloride
Concen: 0.457 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

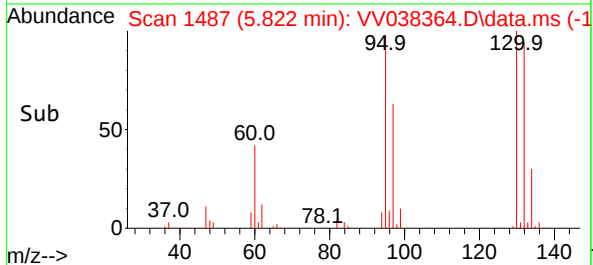
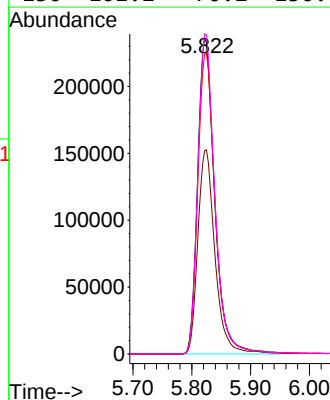
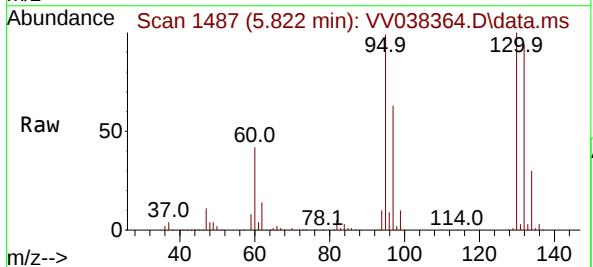
Instrument :
MSVOA_V
ClientSampleId :

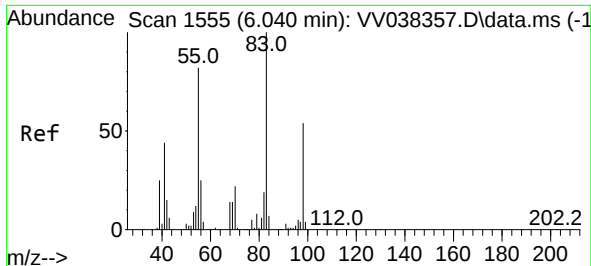
Tgt Ion:117 Resp: 11241
Ion Ratio Lower Upper
117 100
119 102.5 77.4 116.2



#34
Trichloroethene
Concen: 26.693 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion: 95 Resp: 475451
Ion Ratio Lower Upper
95 100
97 64.2 44.8 83.2
132 94.8 68.3 126.8
130 101.2 70.2 130.4

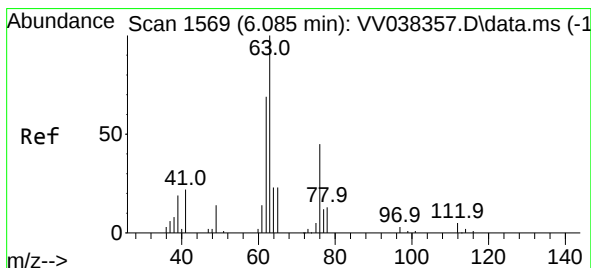
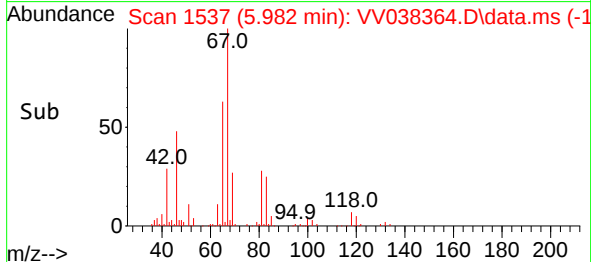
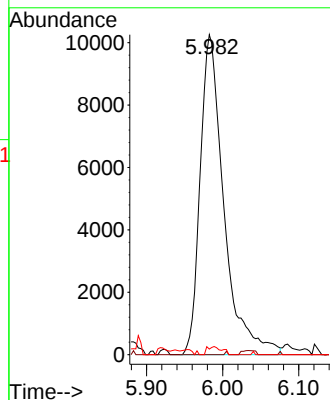
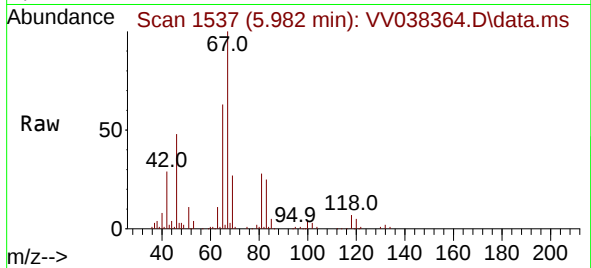




#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

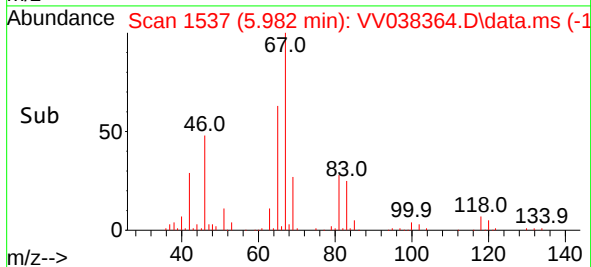
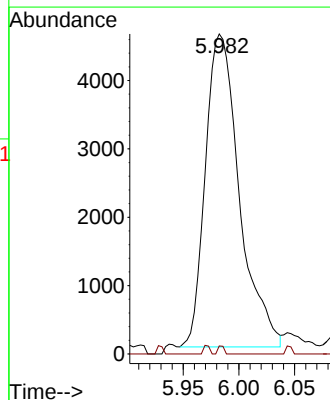
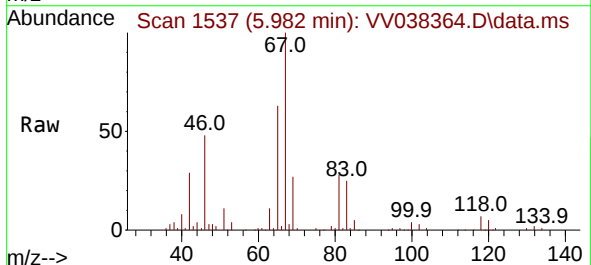
Instrument :
MSVOA_V
ClientSampleId :

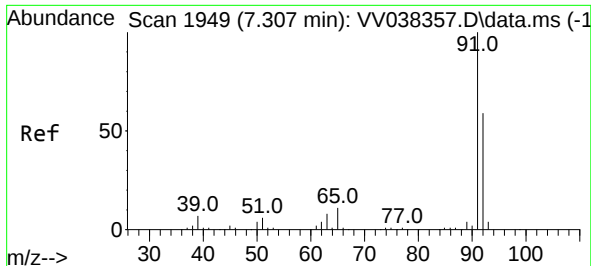
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	0.0	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.9	5.9#





#42

Toluene

Concen: 0.241 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038364.D

Acq: 26 Nov 2024 15:04

Instrument :

MSVOA_V

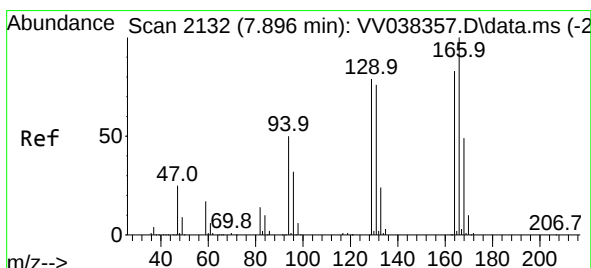
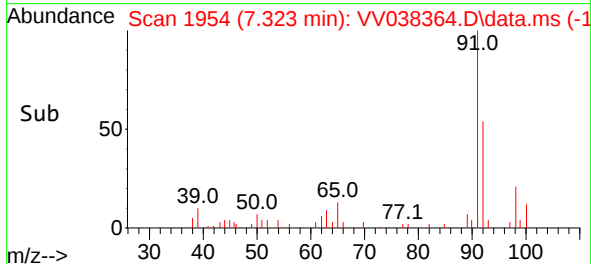
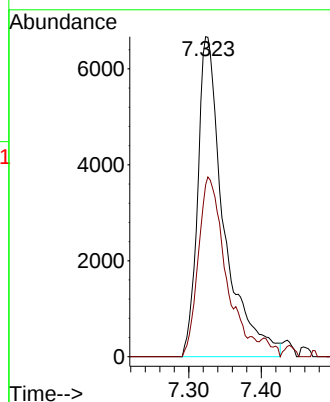
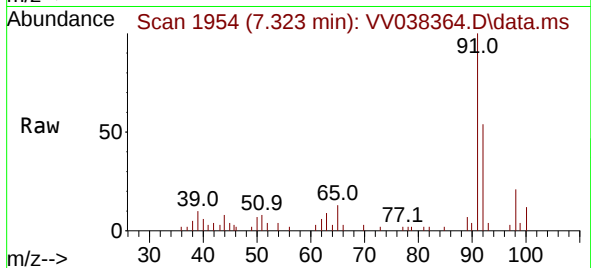
ClientSampleId :

Tgt Ion: 91 Resp: 16684

Ion Ratio Lower Upper

91 100

92 53.7 40.8 75.8



#47

Tetrachloroethene

Concen: 11.856 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038364.D

Acq: 26 Nov 2024 15:04

Tgt Ion: 164 Resp: 169699

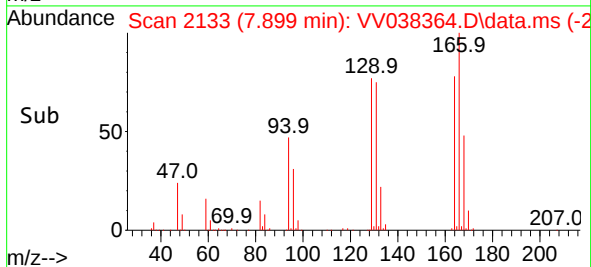
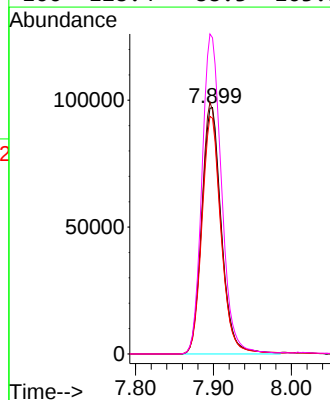
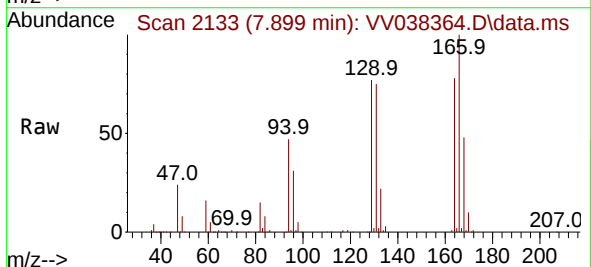
Ion Ratio Lower Upper

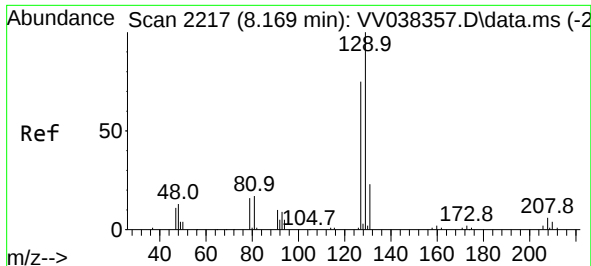
164 100

129 98.9 68.5 127.1

131 95.7 64.8 120.4

166 128.4 88.3 163.9

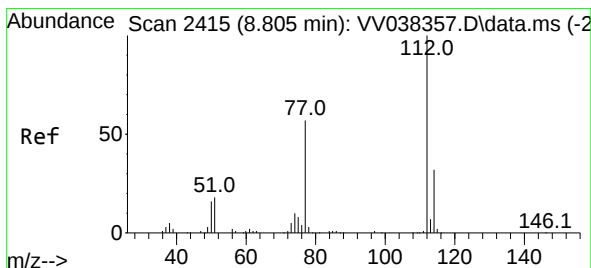
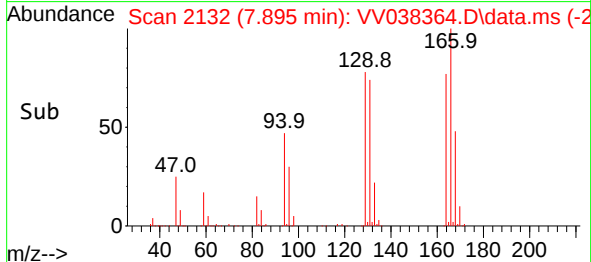
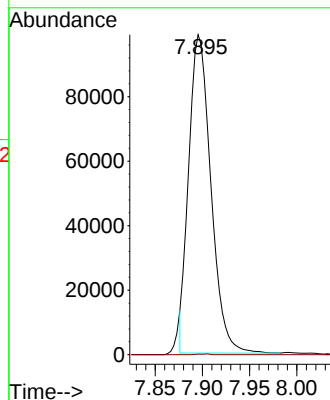
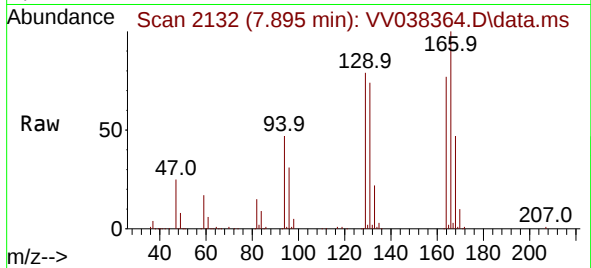




#49
Dibromochloromethane
Concen: 11.092 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

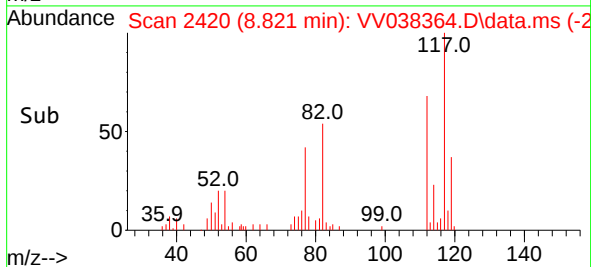
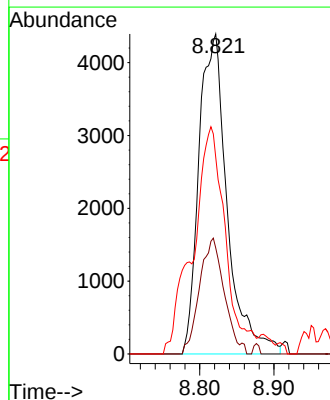
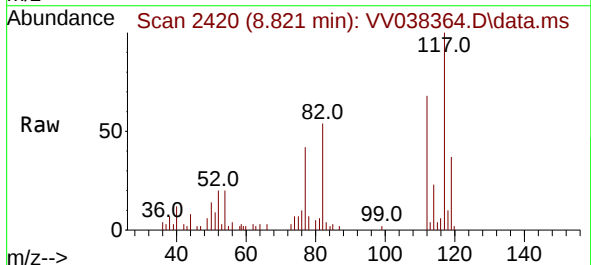
Instrument :
MSVOA_V
ClientSampleId :

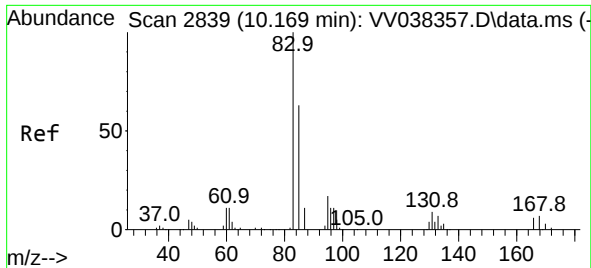
Tgt Ion:129 Resp: 160524
Ion Ratio Lower Upper
129 100
127 0.1 53.5 99.3#



#51
Chlorobenzene
Concen: 0.244 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.016 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion:112 Resp: 11623
Ion Ratio Lower Upper
112 100
114 33.1 22.0 40.8
77 61.5 45.0 67.4

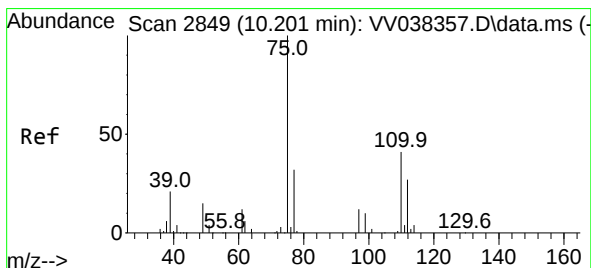
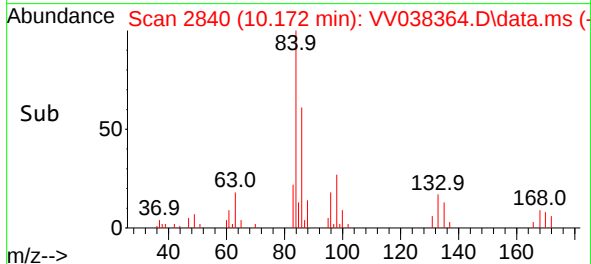
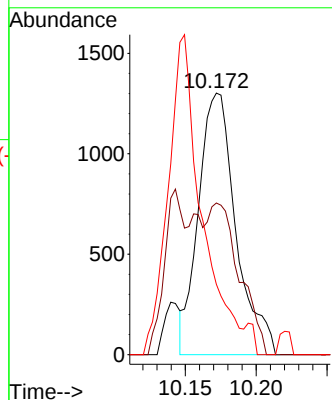
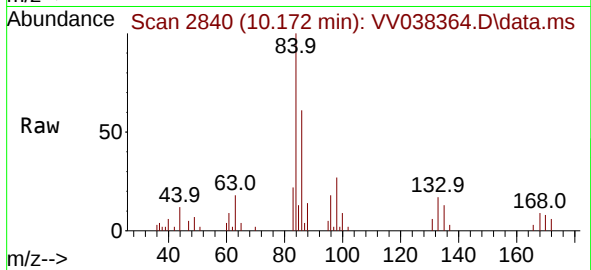




#57
1,1,2,2-Tetrachloroethane
Concen: 0.154 ug/L
RT: 10.172 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 2392
Ion Ratio Lower Upper
83 100
85 58.0 45.7 84.9
131 26.9 8.2 12.4#



#61
1,2,3-Trichloropropane
Concen: 1.360 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.974 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion: 75 Resp: 11012
Ion Ratio Lower Upper
75 100
77 40.6 26.4 39.6#
110 1.8 32.3 48.5#

