

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038362.D
 Acq On : 26 Nov 2024 13:52
 Operator : SY/MD
 Sample : P4930-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:21:35 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	239599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	272868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	45448	2.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.400%
7) Chloroethane-d5	1.529	69	52221	3.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.053	65	23200	2.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.789	46	163318	44.455	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.900%
24) Chloroform-d	4.243	84	135949	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	4.937	65	65502	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	4.953	84	217564	3.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.600%#
36) 1,2-Dichloropropane-d6	5.982	67	81648	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.239	98	161121	2.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.400%#
43) trans-1,3-Dichloroprop...	7.561	79	25600	3.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.021	63	118835	37.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	69484	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	68293	3.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	8686	0.383	ug/L	99
9) Trichlorofluoromethane	1.709	101	14823	0.471	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	33160	1.846	ug/L	96
12) 1,1-Dichloroethene	2.063	96	99098	5.791	ug/L #	79
15) Methyl Acetate	2.275	43	22292	3.378	ug/L #	47
16) Methylene chloride	2.442	84	12907	0.661	ug/L	95
19) 1,1-Dichloroethane	3.108	63	21874	0.668	ug/L	96
22) cis-1,2-Dichloroethene	3.805	96	89560	4.804	ug/L	98
25) Chloroform	4.268	83	45380	1.296	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	33135	1.012	ug/L	99
31) Carbon tetrachloride	4.728	117	16148	0.559	ug/L	93
34) Trichloroethene	5.821	95	548506	26.252	ug/L	100
35) Methylcyclohexane	5.985	83	20523	0.694	ug/L #	20
42) Toluene	7.326	91	10364	0.128	ug/L	98
47) Tetrachloroethene	7.899	164	196172	11.684	ug/L	100
49) Dibromochloromethane	7.895	129	183669	10.820	ug/L #	11
53) m,p-Xylene	9.088	106	1810	0.056	ug/L	95
61) 1,2,3-Trichloropropane	11.178	75	13777	1.468	ug/L #	65

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QLast Update : Wed Nov 27 00:19:46 2024
Response via : Initial Calibration

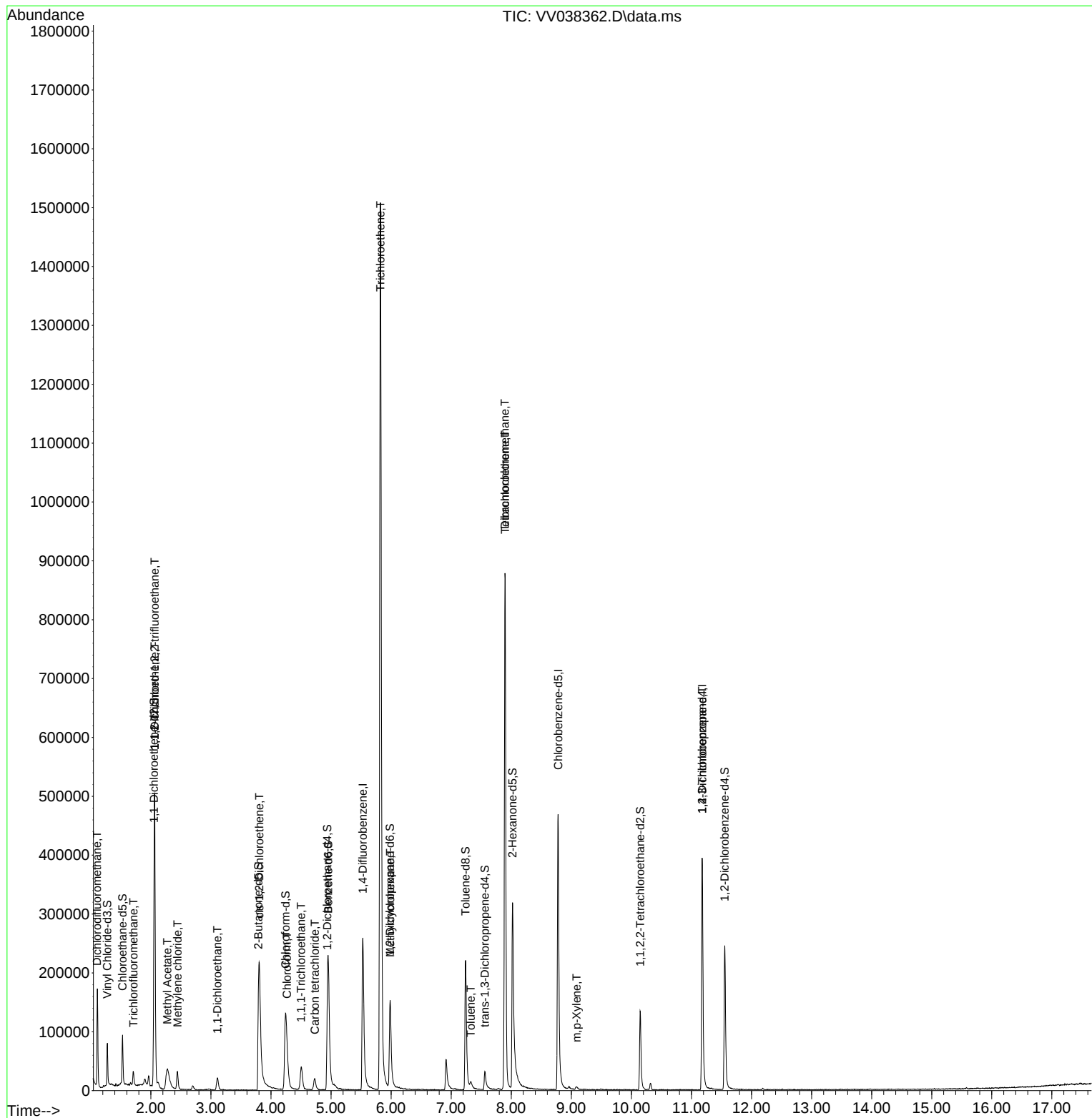
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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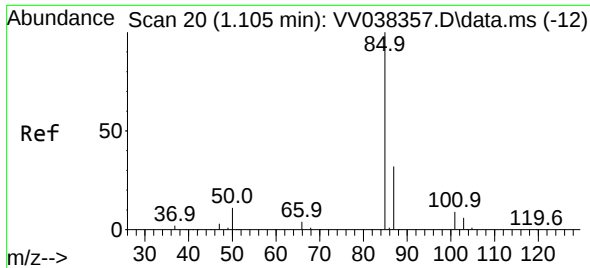
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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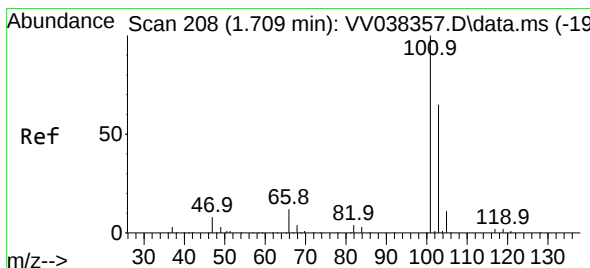
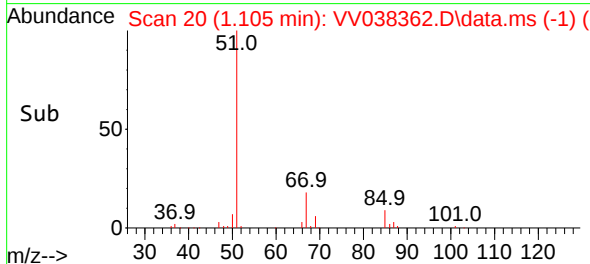
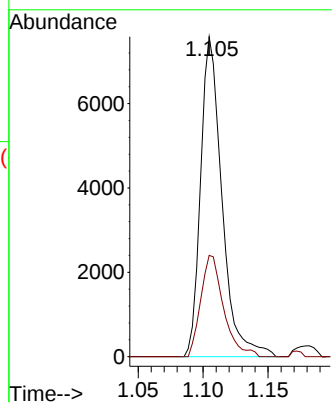
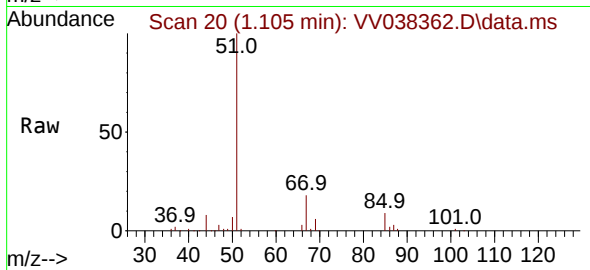




#2
Dichlorodifluoromethane
Concen: 0.383 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

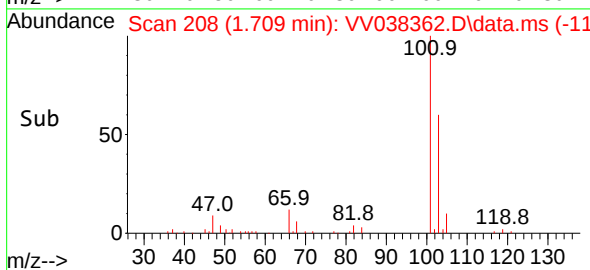
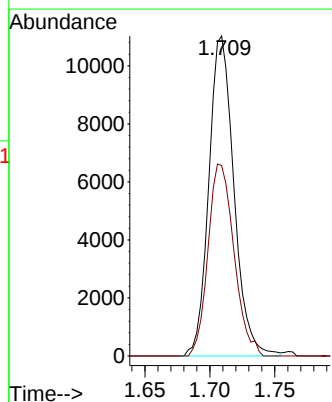
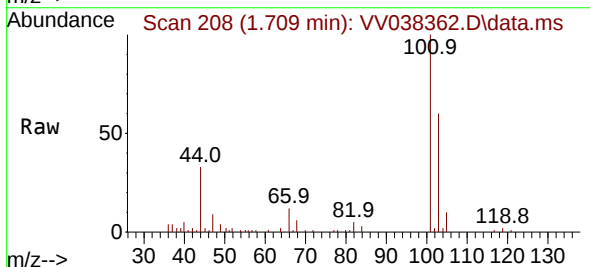
Instrument :
MSVOA_V
ClientSampleId :

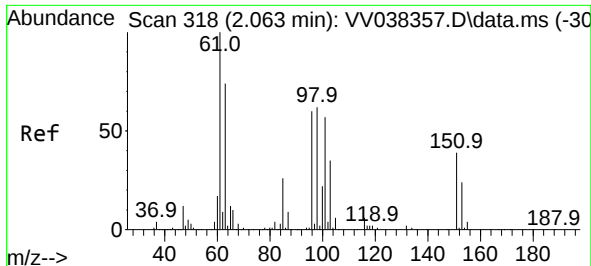
Tgt Ion: 85 Resp: 8686
Ion Ratio Lower Upper
85 100
87 33.8 26.5 39.7



#9
Trichlorofluoromethane
Concen: 0.471 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Tgt Ion:101 Resp: 14823
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3

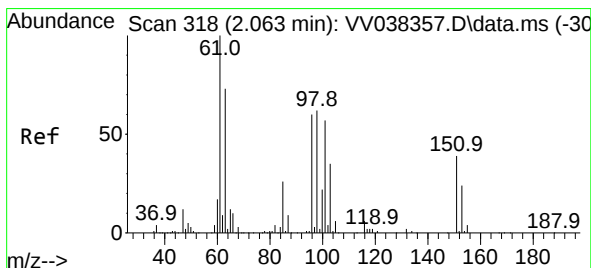
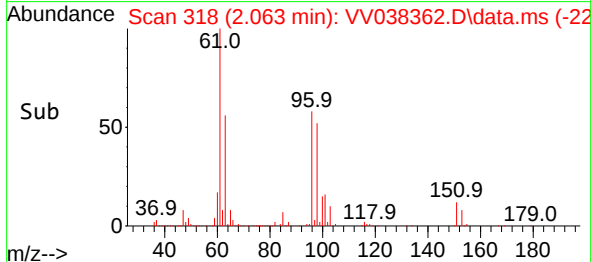
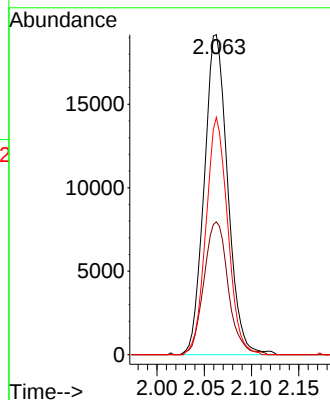
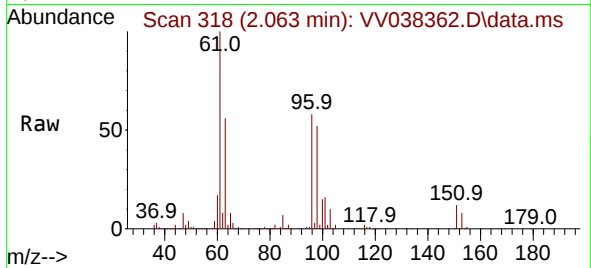




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.846 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038362.D
 Acq: 26 Nov 2024 13:52

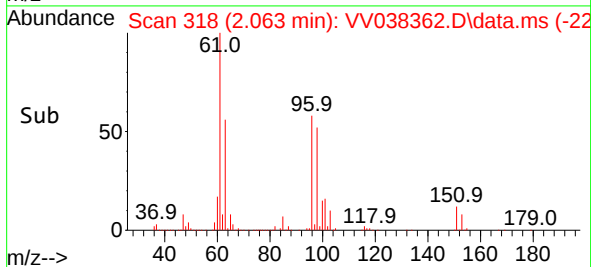
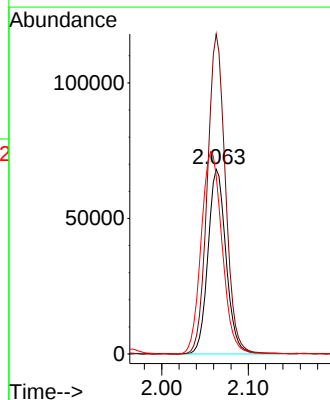
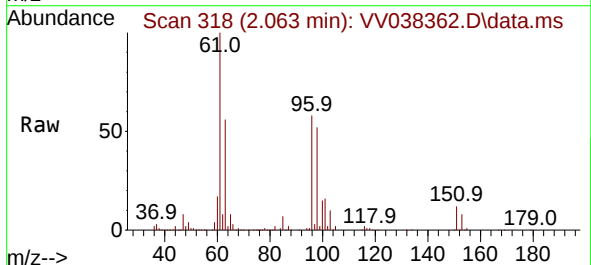
Instrument :
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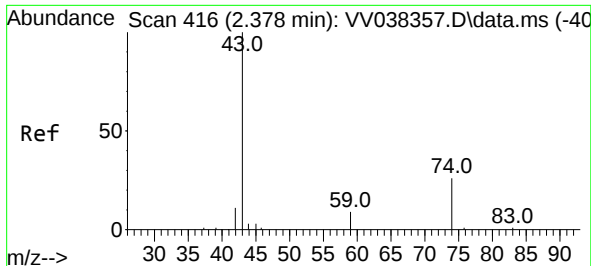
Tgt Ion:101 Resp: 33160
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.4 50.0
 151 68.8 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 5.791 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038362.D
 Acq: 26 Nov 2024 13:52

Tgt Ion: 96 Resp: 99098
 Ion Ratio Lower Upper
 96 100
 61 173.2 115.7 214.9
 63 96.6 101.1 187.7#

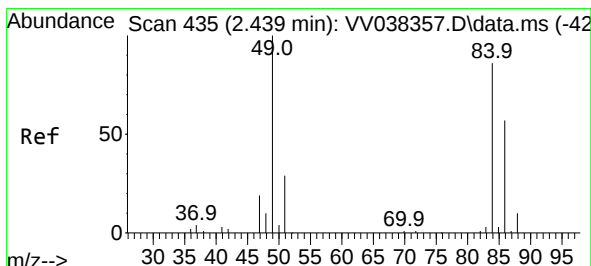
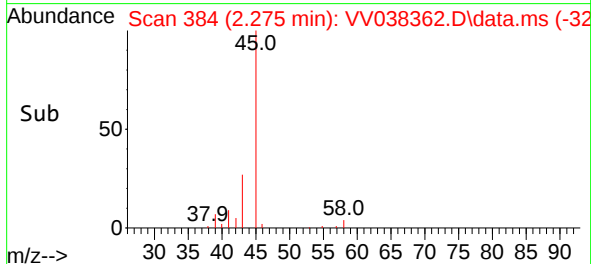
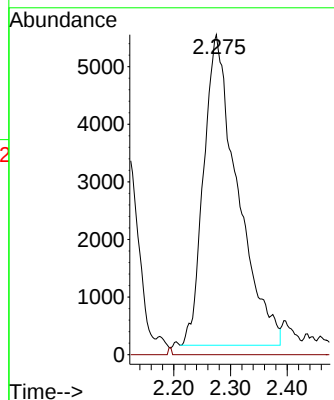
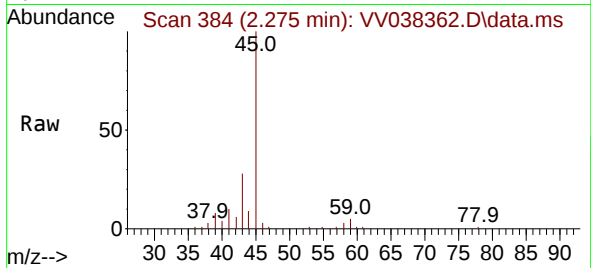




#15
Methyl Acetate
Concen: 3.378 ug/L
RT: 2.275 min Scan# 31
Delta R.T. -0.103 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

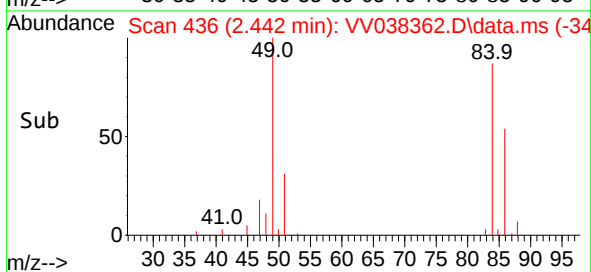
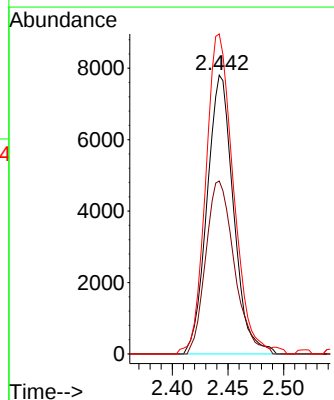
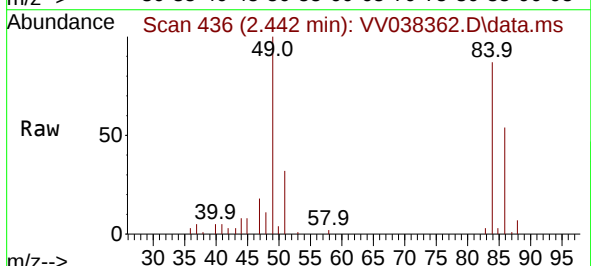
Instrument :
MSVOA_V
ClientSampleId :

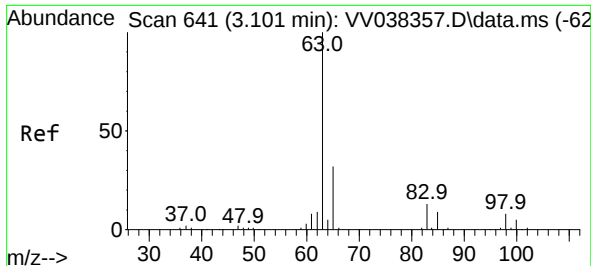
Tgt Ion: 43 Resp: 22292
Ion Ratio Lower Upper
43 100
74 0.2 22.4 33.6#



#16
Methylene chloride
Concen: 0.661 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Tgt Ion: 84 Resp: 12907
Ion Ratio Lower Upper
84 100
86 62.0 44.2 82.2
49 114.7 74.9 139.1





#19

1,1-Dichloroethane

Concen: 0.668 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.006 min

Lab File: VV038362.D

Acq: 26 Nov 2024 13:52

Instrument :

MSVOA_V

ClientSampleId :

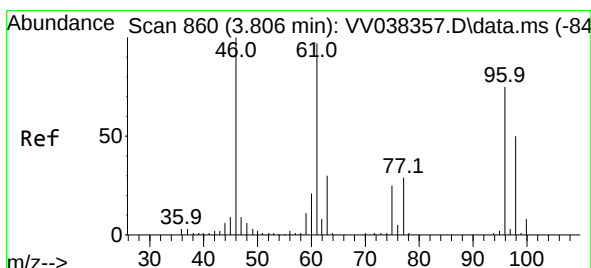
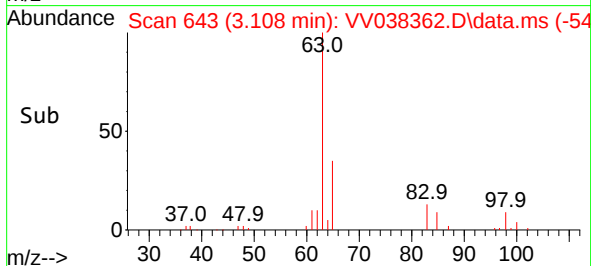
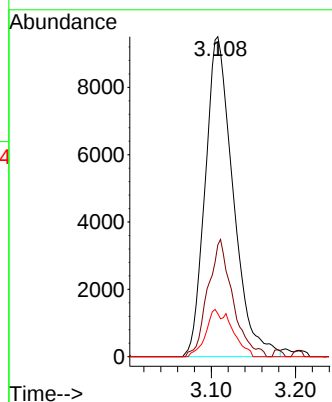
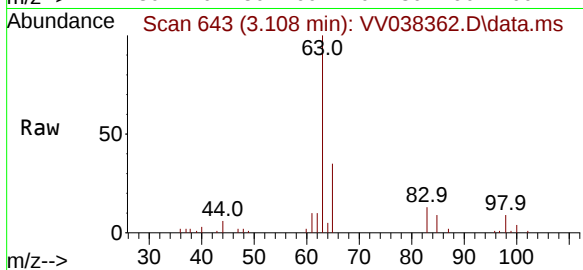
Tgt Ion: 63 Resp: 21874

Ion Ratio Lower Upper

63 100

65 34.9 22.5 41.7

83 13.5 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 4.804 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038362.D

Acq: 26 Nov 2024 13:52

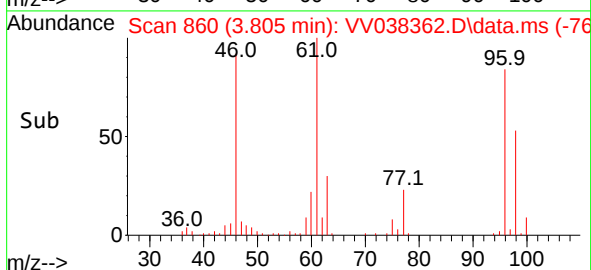
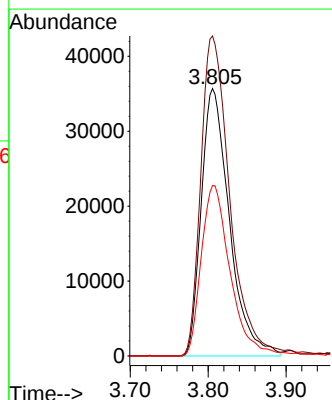
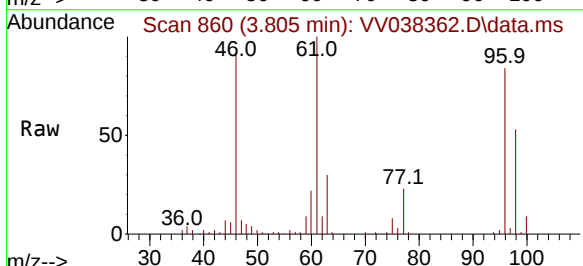
Tgt Ion: 96 Resp: 89560

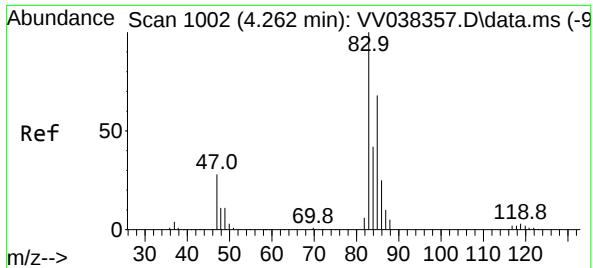
Ion Ratio Lower Upper

96 100

61 119.7 82.7 153.5

98 63.7 46.3 85.9

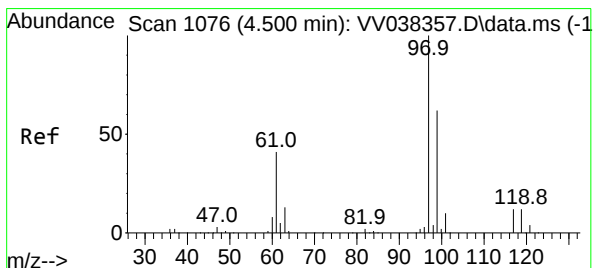
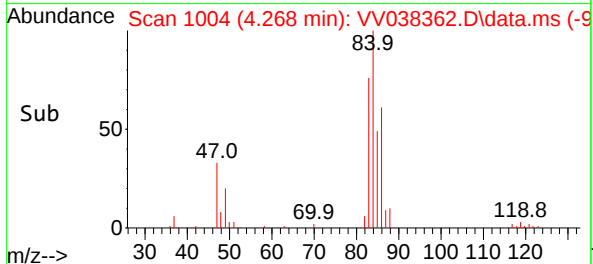
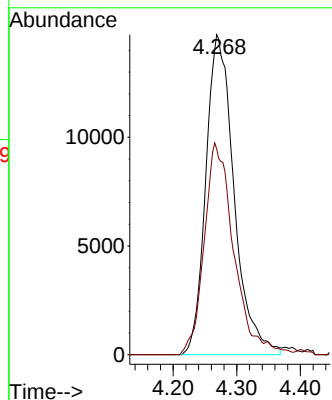
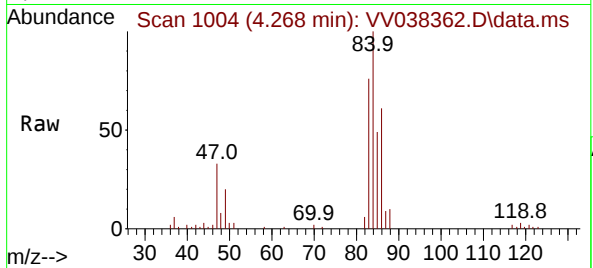




#25
Chloroform
Concen: 1.296 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

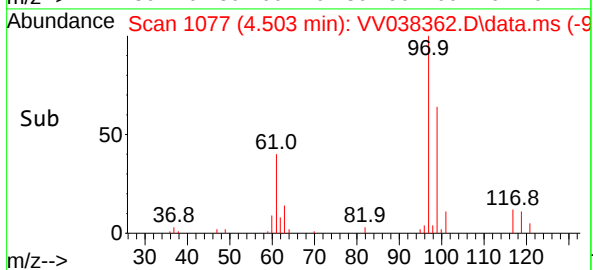
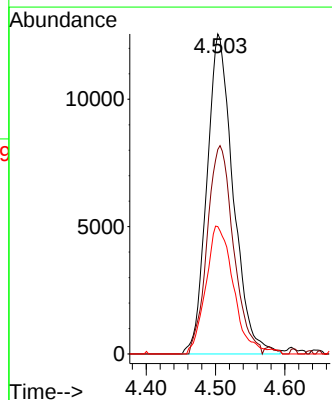
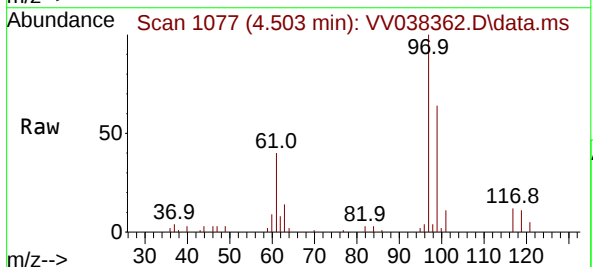
Instrument :
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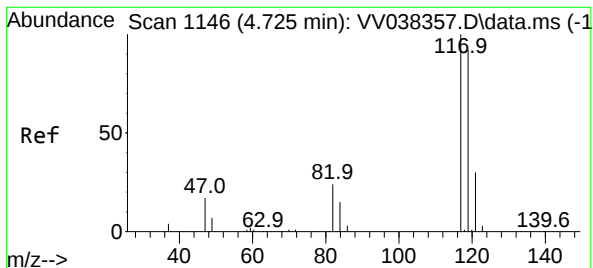
Tgt Ion: 83 Resp: 45380
Ion Ratio Lower Upper
83 100
85 64.3 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 1.012 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Tgt Ion: 97 Resp: 33135
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.8
61 41.9 32.2 48.2





#31

Carbon tetrachloride

Concen: 0.559 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV038362.D

Acq: 26 Nov 2024 13:52

Instrument :

MSVOA_V

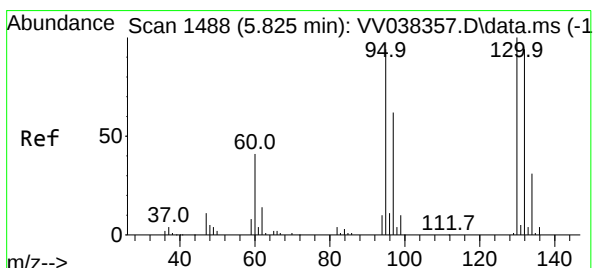
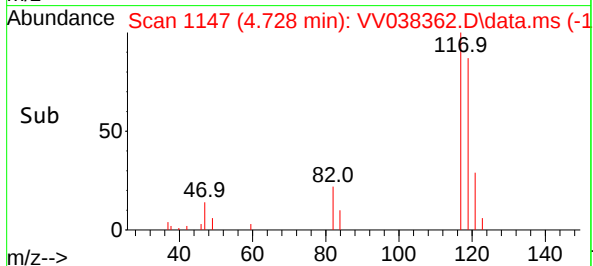
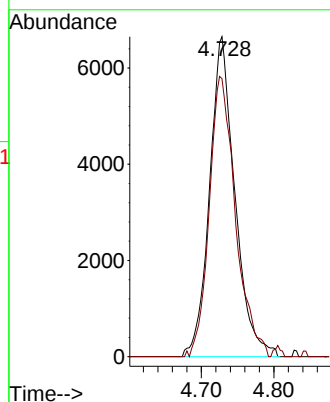
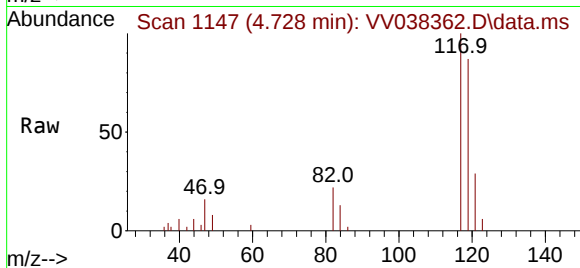
ClientSampleId :

Tgt Ion:117 Resp: 16148

Ion Ratio Lower Upper

117 100

119 90.4 77.4 116.2



#34

Trichloroethene

Concen: 26.252 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.003 min

Lab File: VV038362.D

Acq: 26 Nov 2024 13:52

Tgt Ion: 95 Resp: 548506

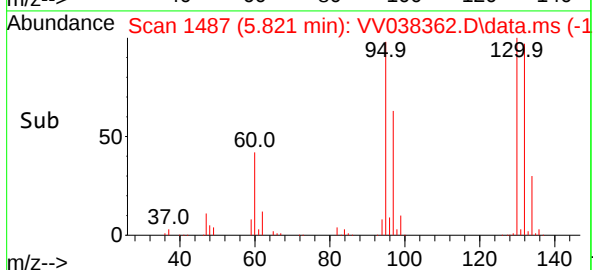
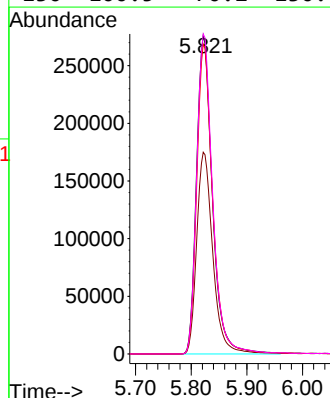
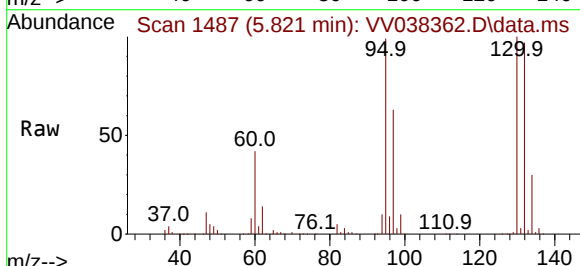
Ion Ratio Lower Upper

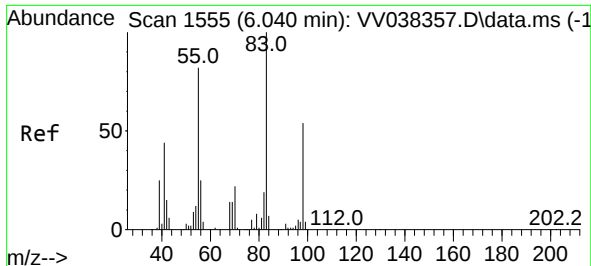
95 100

97 63.4 44.8 83.2

132 97.4 68.3 126.8

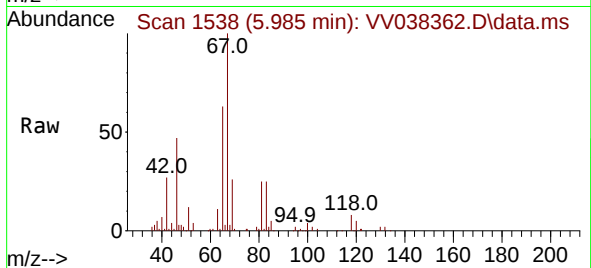
130 100.5 70.2 130.4



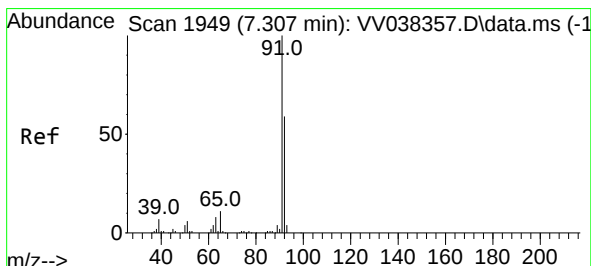
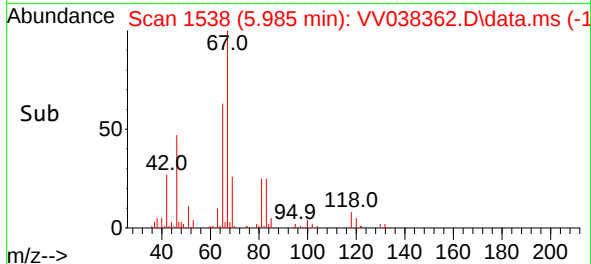
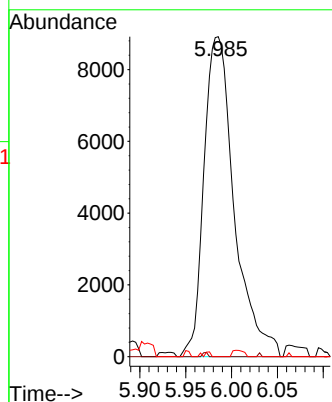


#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Instrument :
MSVOA_V
ClientSampleId :

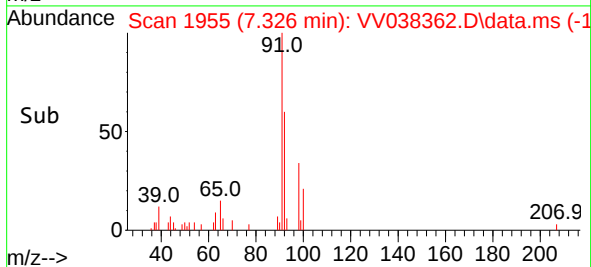
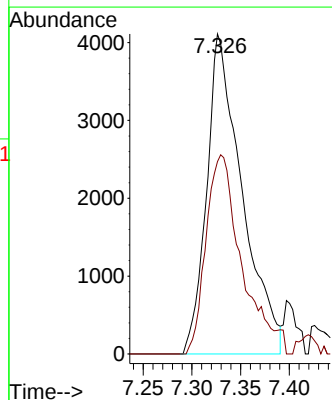
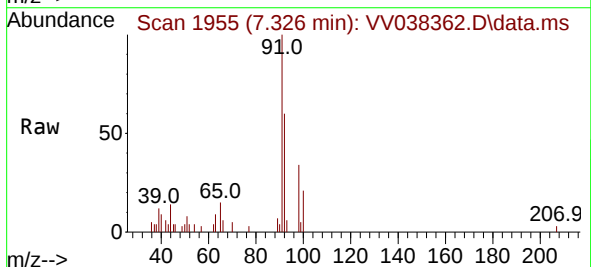


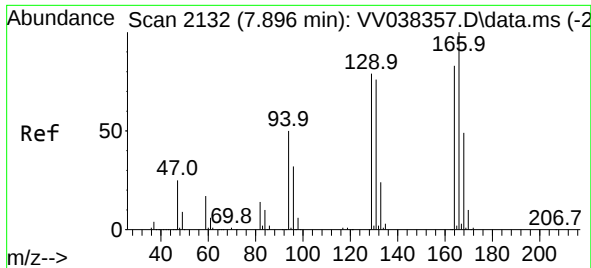
Tgt Ion: 83	Resp: 20523
Ion Ratio	Lower Upper
83 100	
55 0.2	59.7 89.5#
98 2.4	39.0 58.4#



#42
Toluene
Concen: 0.128 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

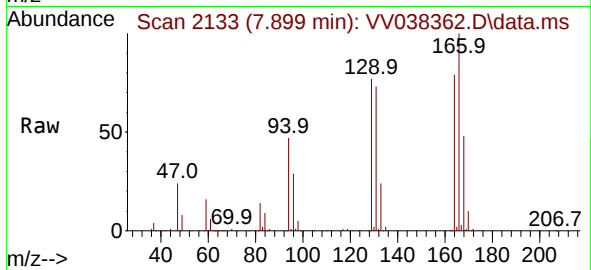
Tgt Ion: 91	Resp: 10364
Ion Ratio	Lower Upper
91 100	
92 60.1	40.8 75.8



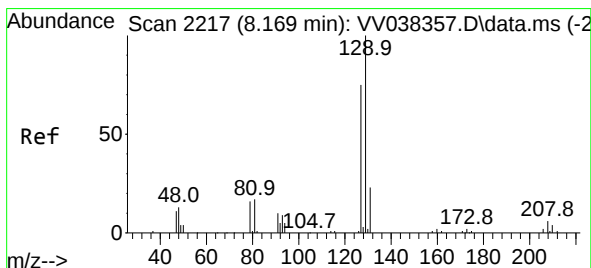
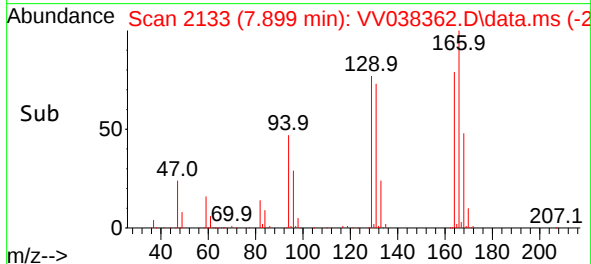
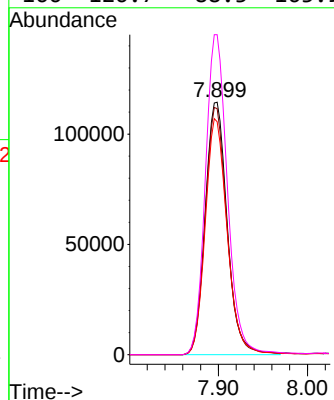


#47
Tetrachloroethene
Concen: 11.684 ug/L
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Instrument :
MSVOA_V
ClientSampleId :

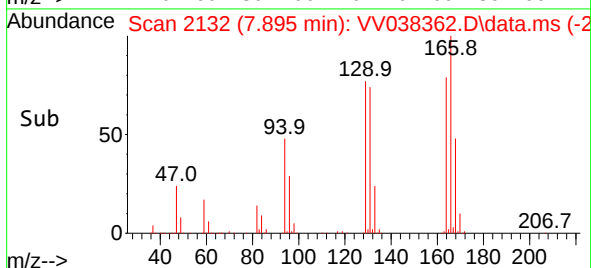
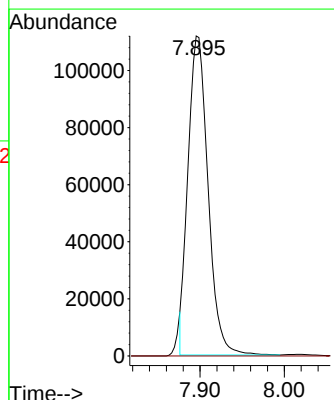
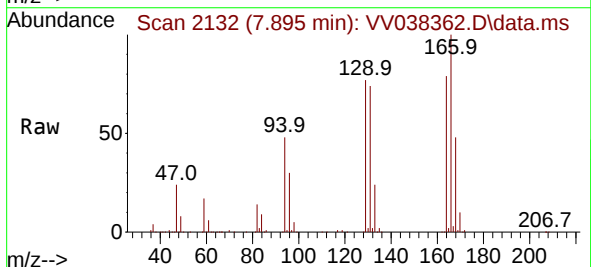


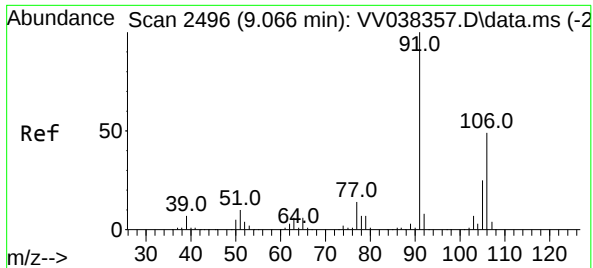
Tgt Ion:164 Resp: 196172
Ion Ratio Lower Upper
164 100
129 97.4 68.5 127.1
131 92.2 64.8 120.4
166 126.7 88.3 163.9



#49
Dibromochloromethane
Concen: 10.820 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Tgt Ion:129 Resp: 183669
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

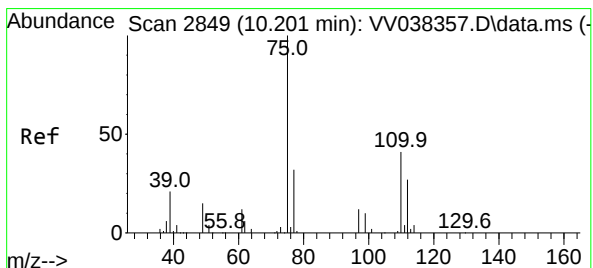
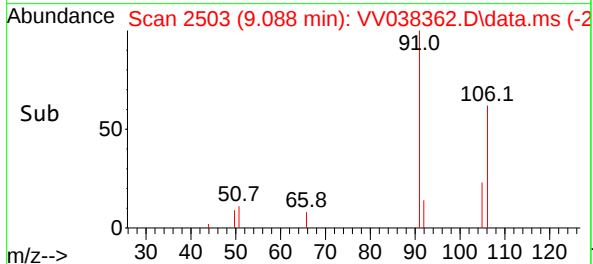
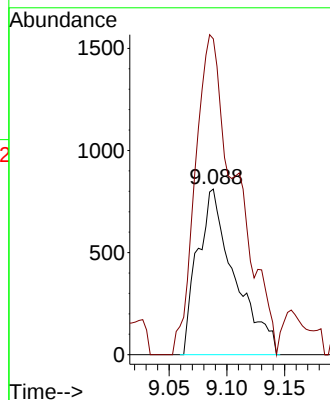
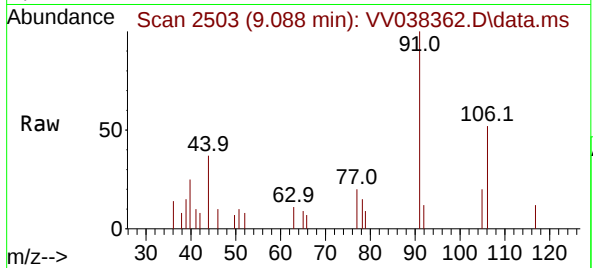




#53
 m,p-Xylene
 Concen: 0.056 ug/L
 RT: 9.088 min Scan# 21
 Delta R.T. 0.022 min
 Lab File: VV038362.D
 Acq: 26 Nov 2024 13:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 1810
 Ion Ratio Lower Upper
 106 100
 91 190.8 138.7 257.5



#61
 1,2,3-Trichloropropane
 Concen: 1.468 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.977 min
 Lab File: VV038362.D
 Acq: 26 Nov 2024 13:52

Tgt Ion: 75 Resp: 13777
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.4 39.6
 110 1.9 32.3 48.5#

