

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012325\
 Data File : VW038516.D
 Acq On : 23 Jan 2025 19:12
 Operator : SY/MD
 Sample : Q1137-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 00:33:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 00:30:49 2025
 Response via : Initial Calibration

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

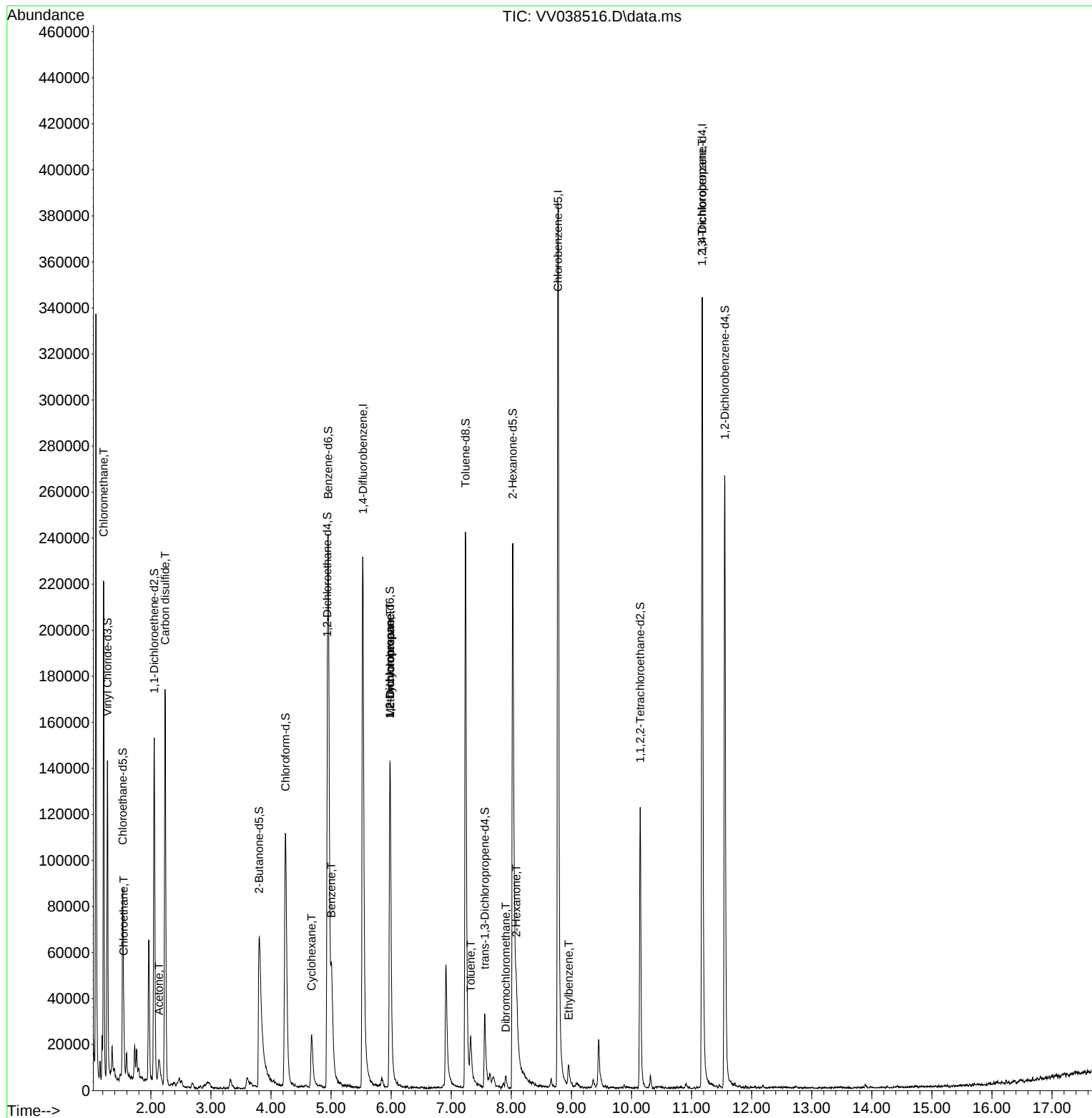
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	220347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	227523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52519	2.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.532	69	50697	3.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.056	65	24789	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.802	46	151717	39.698	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.400%
24) Chloroform-d	4.243	84	126470	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	4.937	65	59458	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	4.953	84	224458	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	5.979	67	74555	3.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.236	98	179499	3.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.558	79	23146	3.322	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.400%
46) 2-Hexanone-d5	8.024	63	91713	33.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	62691	4.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	72741	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	138462	5.483	ug/L	99
8) Chloroethane	1.548	64	14831	0.970	ug/L	99
13) Acetone	2.134	43	19225	6.465	ug/L	97
14) Carbon disulfide	2.237	76	200363	3.264	ug/L	98
30) Cyclohexane	4.674	56	20935	0.760	ug/L #	19
33) Benzene	5.005	78	51351	0.711	ug/L	100
35) Methylcyclohexane	5.982	83	19066	0.666	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	8120	0.435	ug/L #	90
42) Toluene	7.323	91	17796	0.236	ug/L	96
48) 2-Hexanone	8.085	43	26158	3.742	ug/L #	79
49) Dibromochloromethane	7.908	129	1403	0.091	ug/L #	12
52) Ethylbenzene	8.957	91	7616	0.094	ug/L	100
61) 1,2,3-Trichloropropane	11.175	75	11869	1.308	ug/L #	62

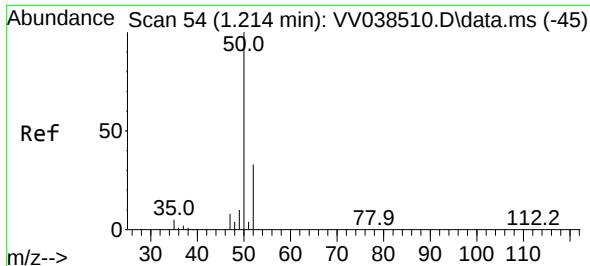
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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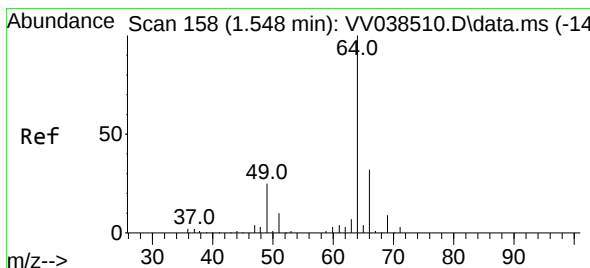
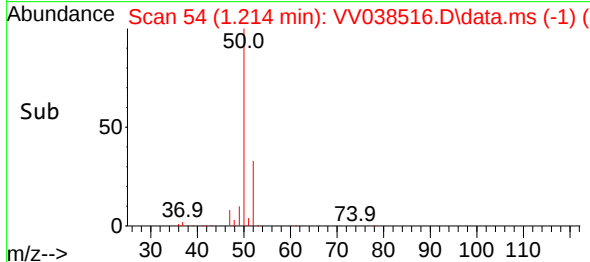
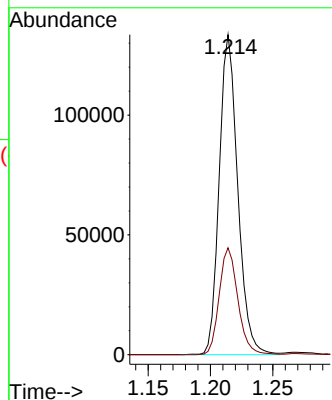
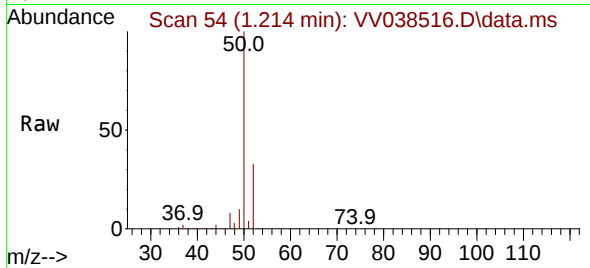




#3
Chloromethane
Concen: 5.483 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

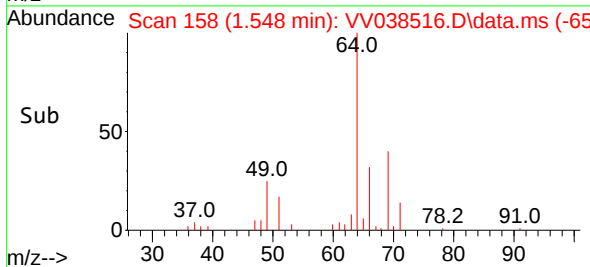
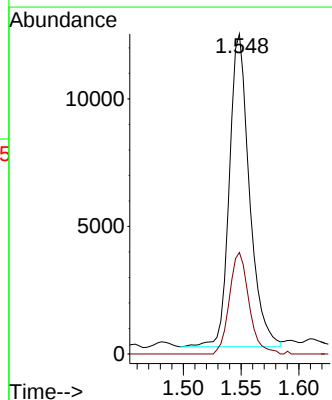
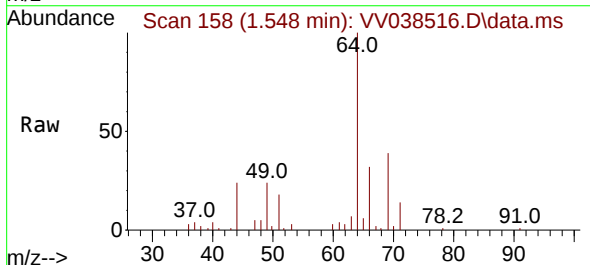
Instrument :
MSVOA_V
ClientSampleId :

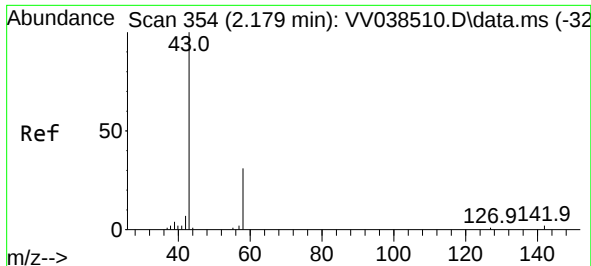
Tgt Ion: 50 Resp: 138462
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.6



#8
Chloroethane
Concen: 0.970 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

Tgt Ion: 64 Resp: 14831
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.1





#13

Acetone

Concen: 6.465 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.045 min

Lab File: VV038516.D

Acq: 23 Jan 2025 19:12

Instrument :

MSVOA_V

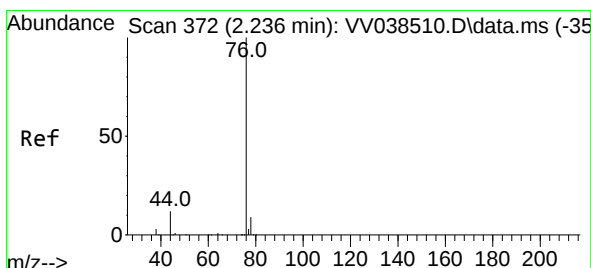
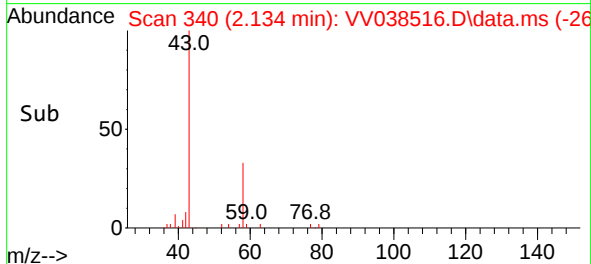
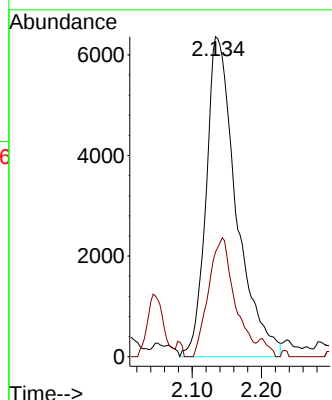
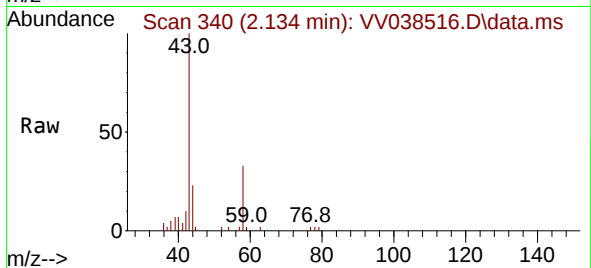
ClientSampleId :

Tgt Ion: 43 Resp: 19225

Ion Ratio Lower Upper

43 100

58 32.1 0.0 67.2



#14

Carbon disulfide

Concen: 3.264 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038516.D

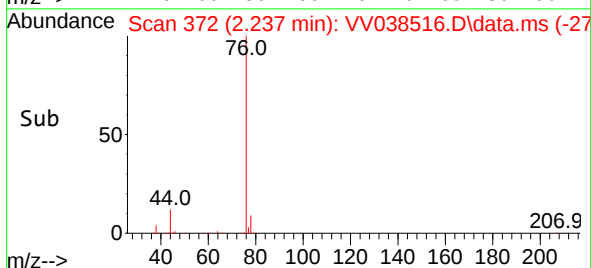
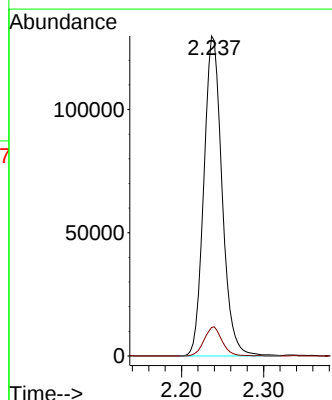
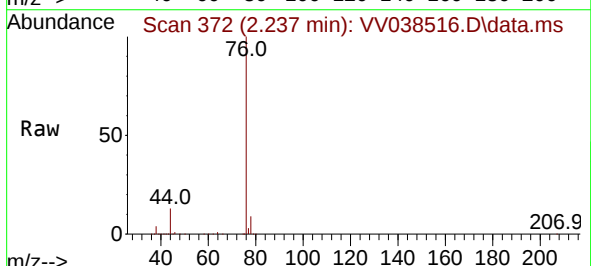
Acq: 23 Jan 2025 19:12

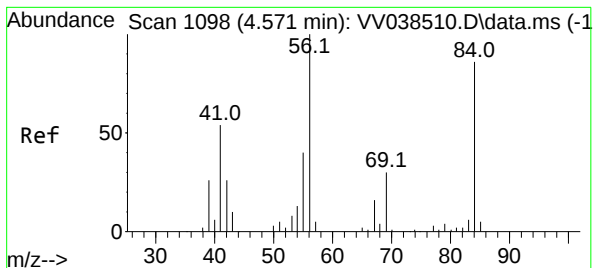
Tgt Ion: 76 Resp: 200363

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4





#30

Cyclohexane

Concen: 0.760 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.103 min

Lab File: VV038516.D

Acq: 23 Jan 2025 19:12

Instrument :

MSVOA_V

ClientSampleId :

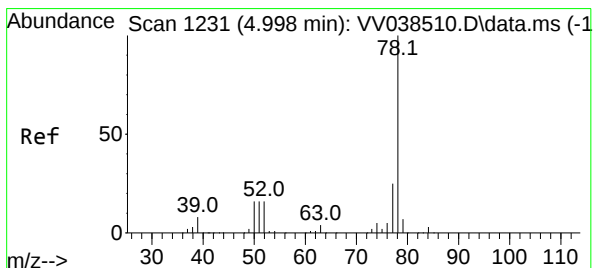
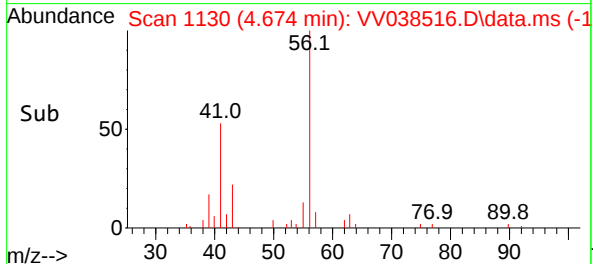
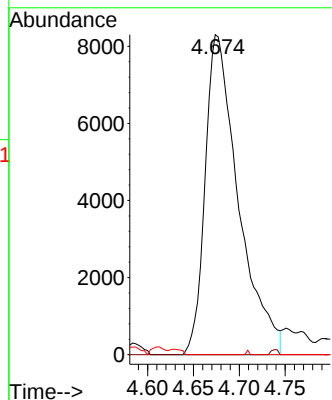
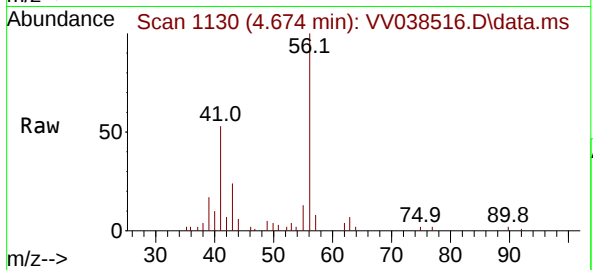
Tgt Ion: 56 Resp: 20935

Ion Ratio Lower Upper

56 100

69 0.3 24.7 37.1#

84 2.8 68.2 102.2#



#33

Benzene

Concen: 0.711 ug/L

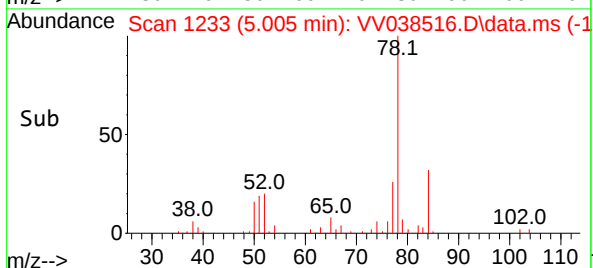
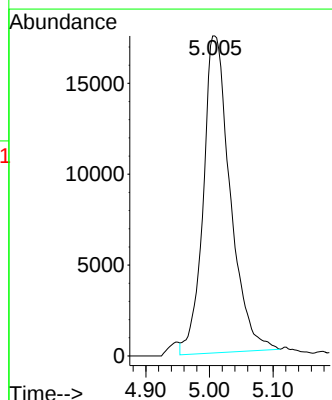
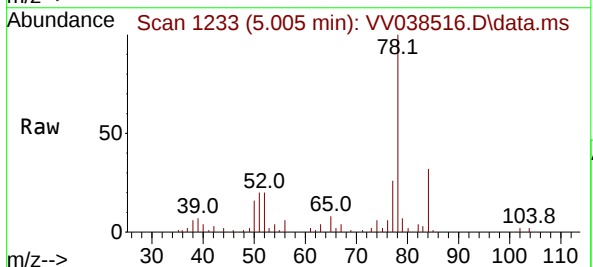
RT: 5.005 min Scan# 1233

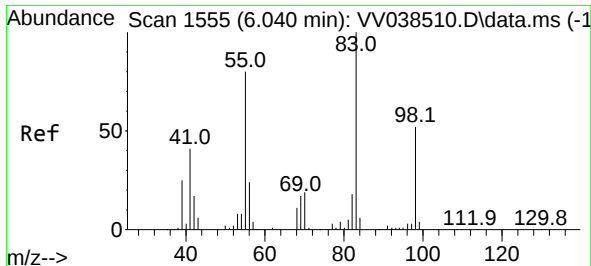
Delta R.T. 0.007 min

Lab File: VV038516.D

Acq: 23 Jan 2025 19:12

Tgt Ion: 78 Resp: 51351

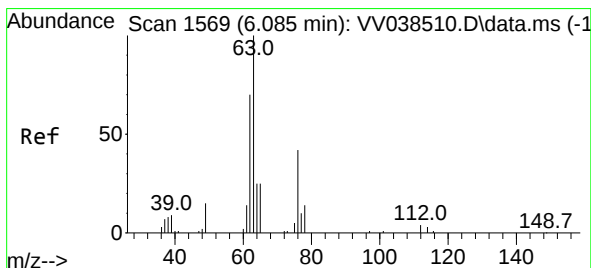
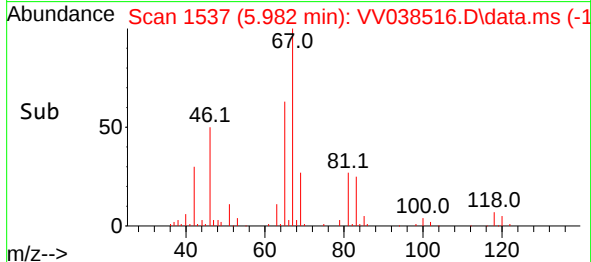
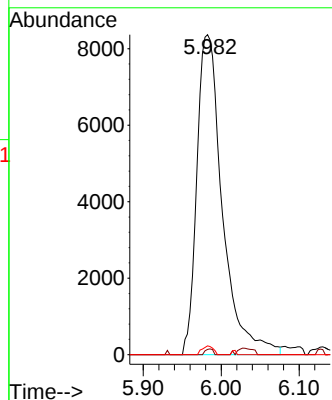
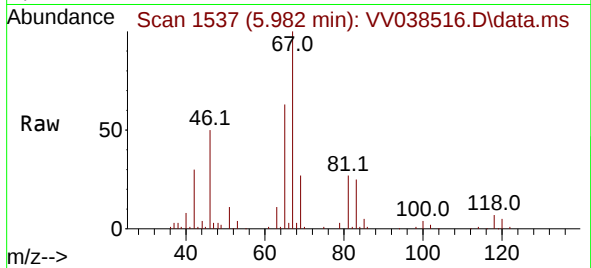




#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

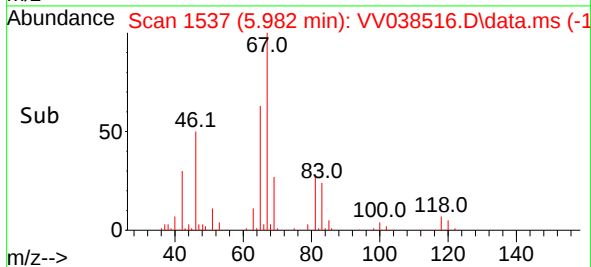
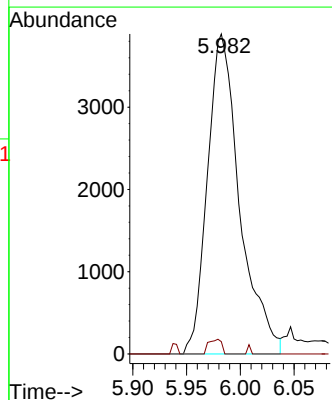
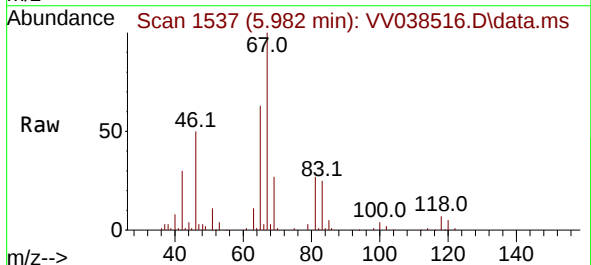
Instrument :
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ClientSampleId :

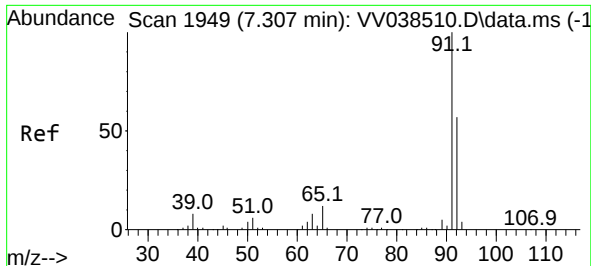
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.4	89.0#
98	1.2	37.8	56.8#



#37
1,2-Dichloropropane
Concen: 0.435 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.8	4.1	6.1#

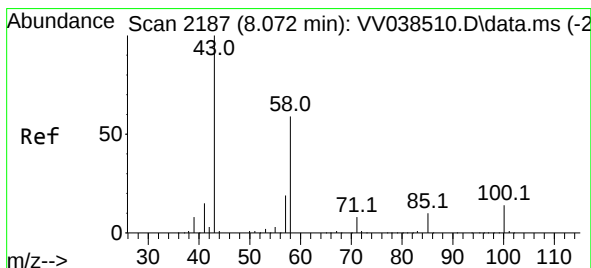
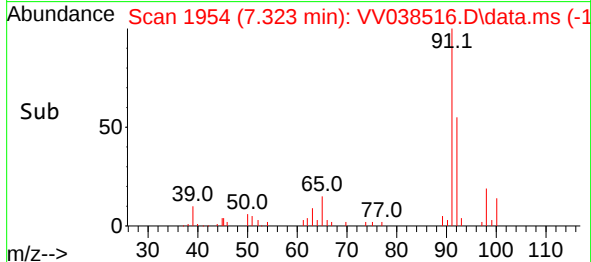
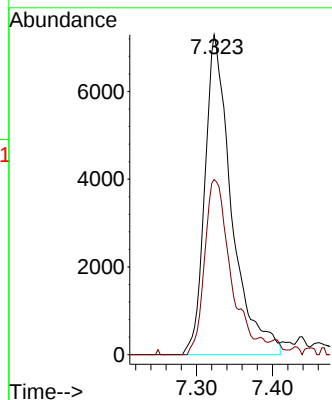
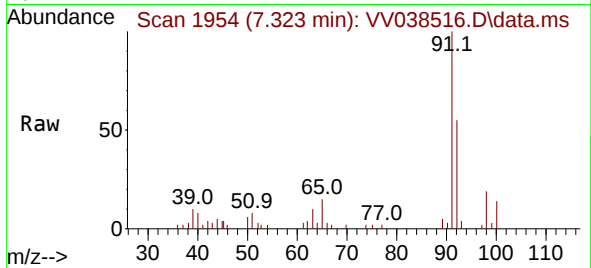




#42
Toluene
Concen: 0.236 ug/L
RT: 7.323 min Scan# 1949
Delta R.T. 0.016 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

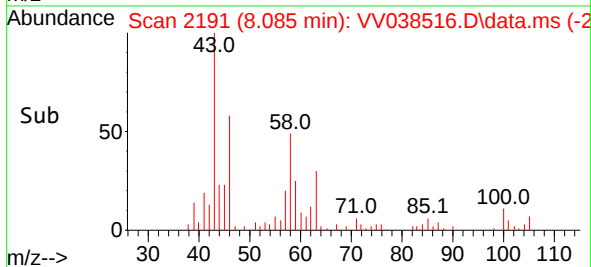
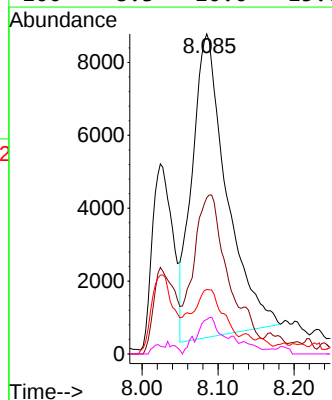
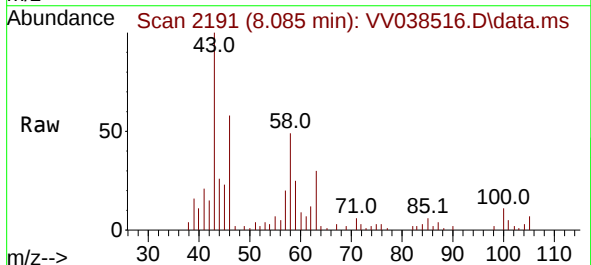
Instrument :
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ClientSampleId :

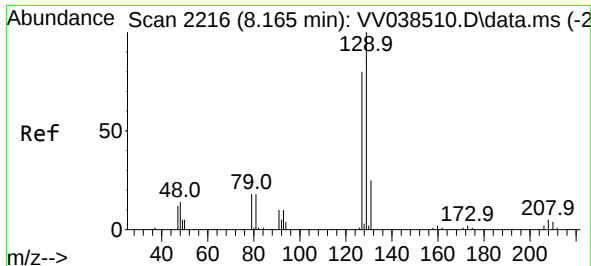
Tgt Ion: 91 Resp: 17796
Ion Ratio Lower Upper
91 100
92 54.7 40.6 75.4



#48
2-Hexanone
Concen: 3.742 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

Tgt Ion: 43 Resp: 26158
Ion Ratio Lower Upper
43 100
58 33.7 43.6 65.4#
57 20.6 15.0 22.4
100 8.3 10.0 15.0#

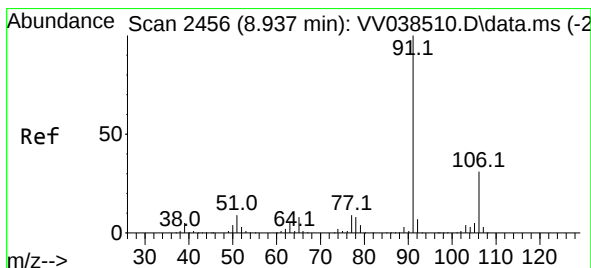
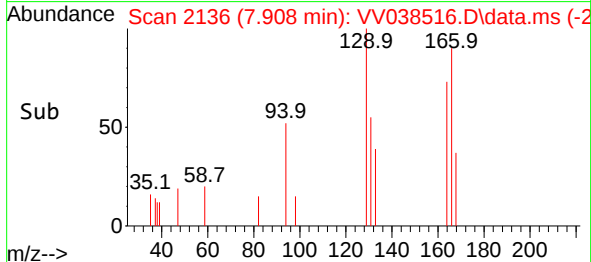
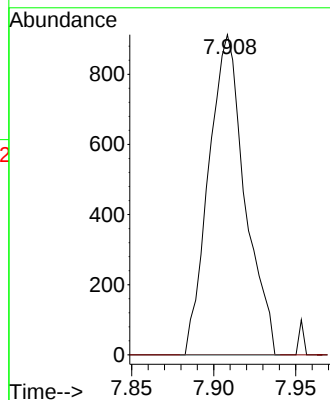
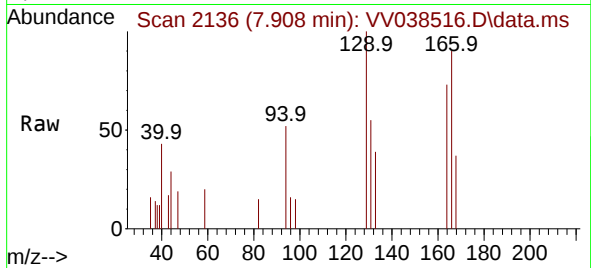




#49
Dibromochloromethane
Concen: 0.091 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.257 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

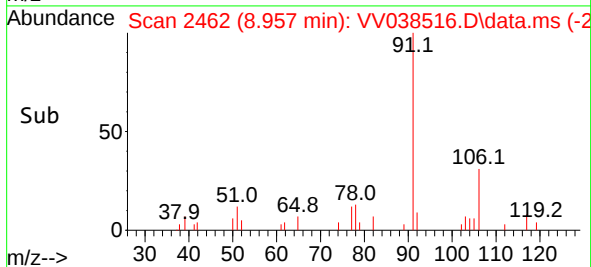
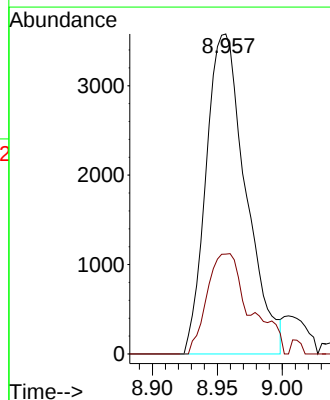
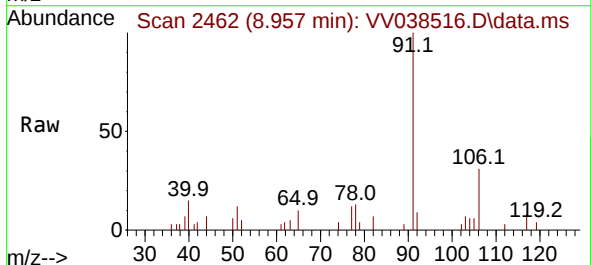
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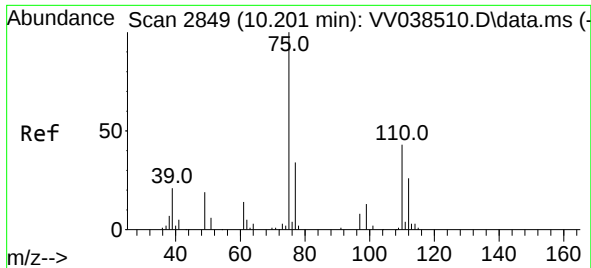
Tgt Ion:129 Resp: 1403
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#52
Ethylbenzene
Concen: 0.094 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.019 min
Lab File: VV038516.D
Acq: 23 Jan 2025 19:12

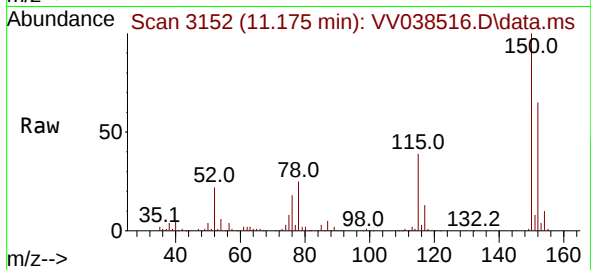
Tgt Ion: 91 Resp: 7616
Ion Ratio Lower Upper
91 100
106 31.2 22.0 40.8





#61
 1,2,3-Trichloropropane
 Concen: 1.308 ug/L
 RT: 11.175 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038516.D
 Acq: 23 Jan 2025 19:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	11869
Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.4	38.0
110	2.2	32.6	48.8#

