

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030571.D
 Acq On : 14 Apr 2023 14:24
 Operator : SY/MD
 Sample : 02275-15DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE00DL

Quant Time: Apr 15 02:00:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

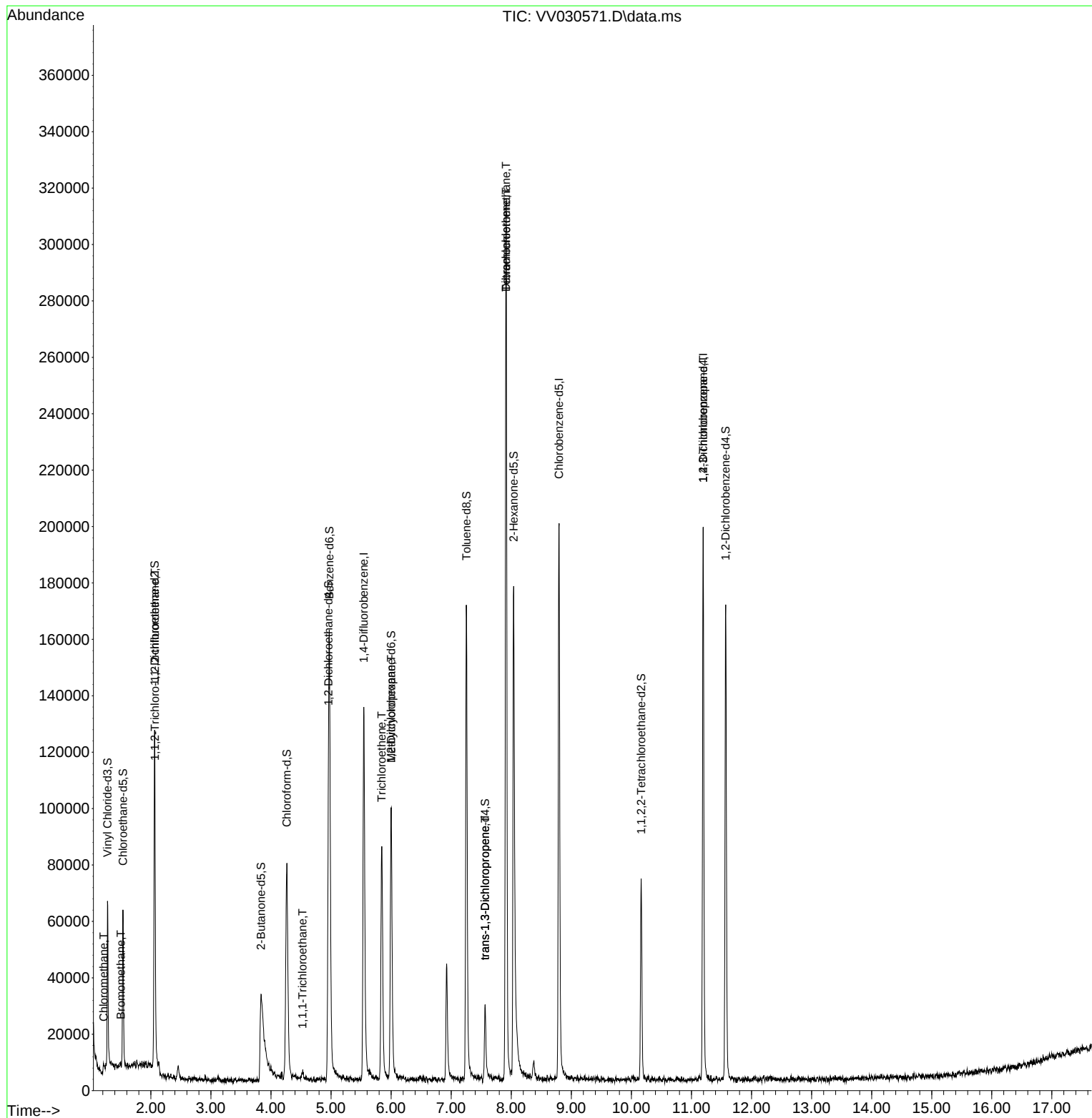
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	111647	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	108833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40045	5.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.400%
7) Chloroethane-d5	1.536	69	33312	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.063	63	63776	3.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.834	46	85664	44.821	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.640%
24) Chloroform-d	4.262	84	78087	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.957	65	42182	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.973	84	136037	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.002	67	44137	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.252	98	113139	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.564	79	15457	4.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.040	63	64453	44.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.740%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32607	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	42461	4.607	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1932	0.108	ug/L	98
6) Bromomethane	1.500	94	442	0.119	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1263	0.120	ug/L #	43
29) 1,1,1-Trichloroethane	4.523	97	1814	0.104	ug/L #	58
34) Trichloroethene	5.844	95	29333	2.814	ug/L	97
35) Methylcyclohexane	6.002	83	11197	0.684	ug/L #	18
44) trans-1,3-Dichloropropene	7.564	75	1054	0.089	ug/L #	58
47) Tetrachloroethene	7.915	164	69833	7.590	ug/L	97
49) Dibromochloromethane	7.915	129	61881	7.440	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	5989	1.299	ug/L #	65

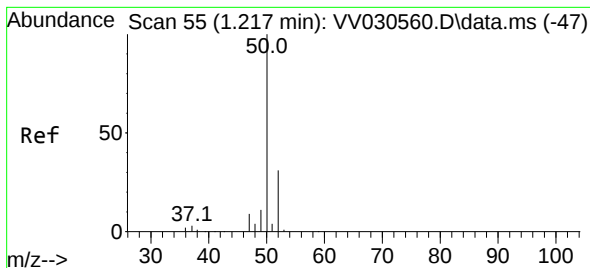
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.108 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030571.D

Acq: 14 Apr 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

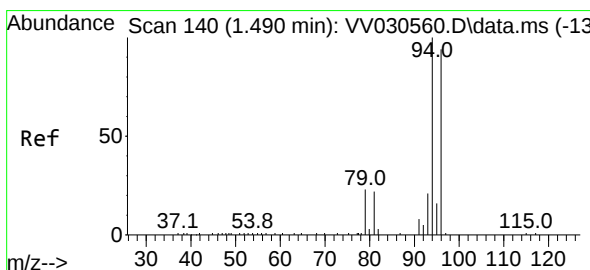
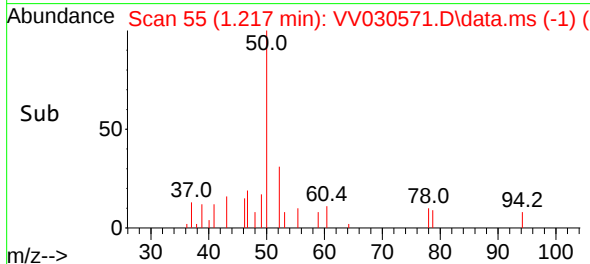
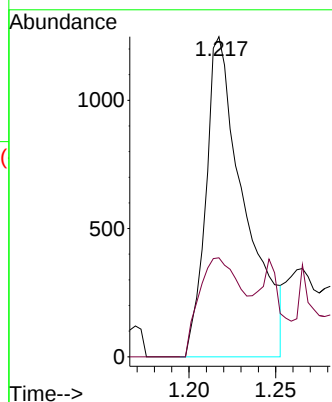
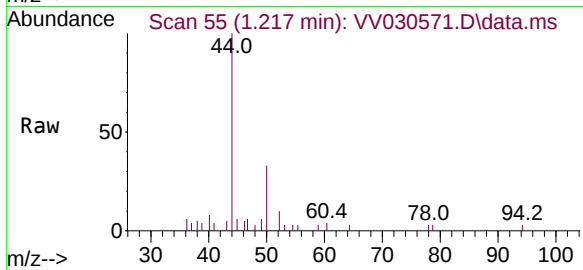
BHE00DL

Tgt Ion: 50 Resp: 1932

Ion Ratio Lower Upper

50 100

52 30.9 22.3 41.5



#6

Bromomethane

Concen: 0.119 ug/L

RT: 1.500 min Scan# 143

Delta R.T. 0.010 min

Lab File: VV030571.D

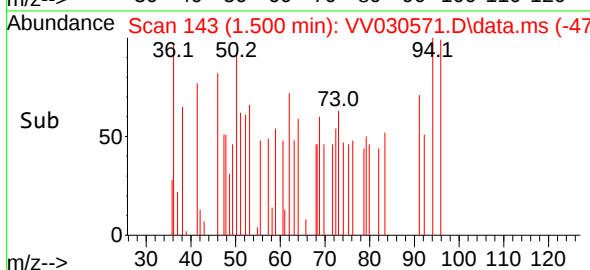
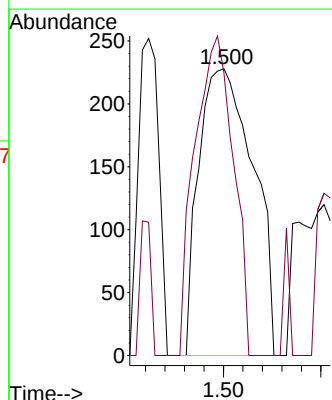
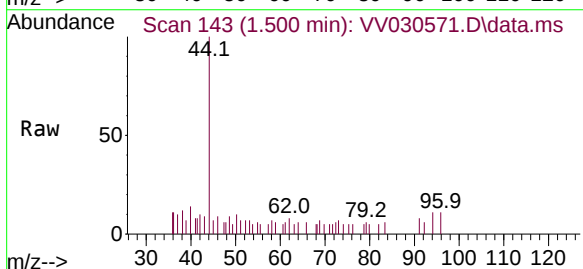
Acq: 14 Apr 2023 14:24

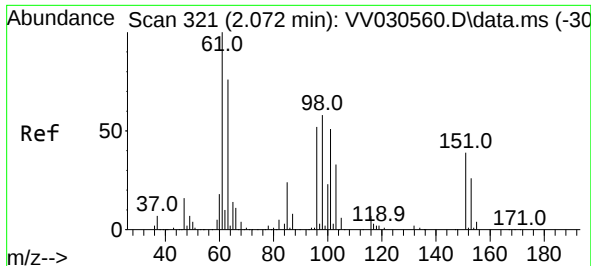
Tgt Ion: 94 Resp: 442

Ion Ratio Lower Upper

94 100

96 98.7 66.1 122.7

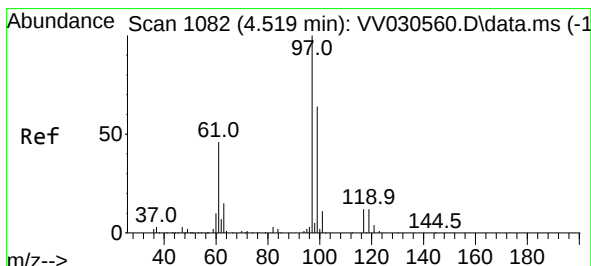
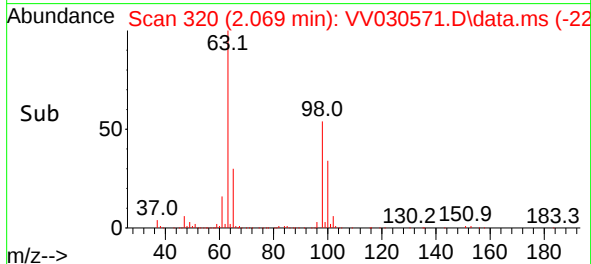
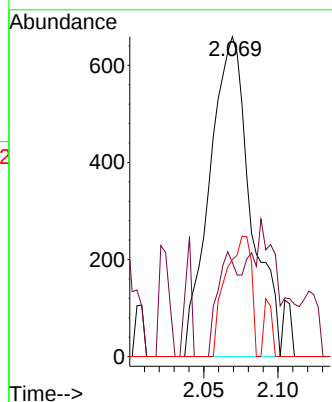
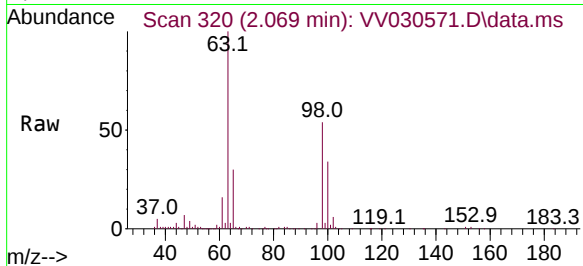




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.120 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030571.D
 Acq: 14 Apr 2023 14:24

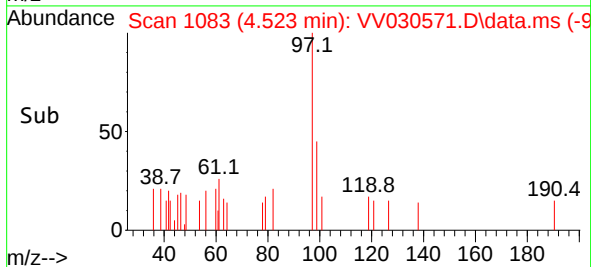
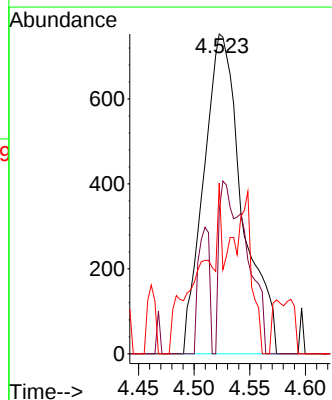
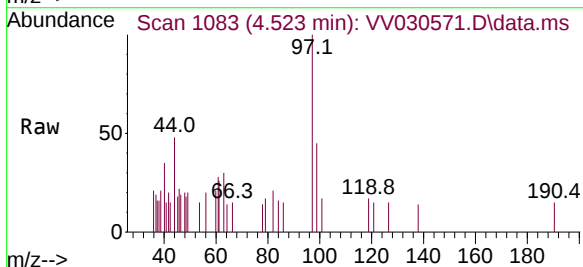
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE00DL

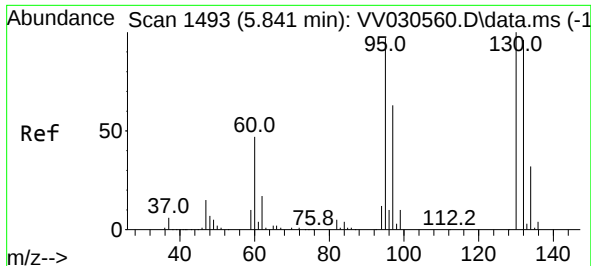
Tgt Ion:101 Resp: 1263
 Ion Ratio Lower Upper
 101 100
 85 15.4 38.1 57.1#
 151 23.6 62.7 94.1#



#29
 1,1,1-Trichloroethane
 Concen: 0.104 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030571.D
 Acq: 14 Apr 2023 14:24

Tgt Ion: 97 Resp: 1814
 Ion Ratio Lower Upper
 97 100
 99 38.7 50.9 76.3#
 61 7.8 35.9 53.9#



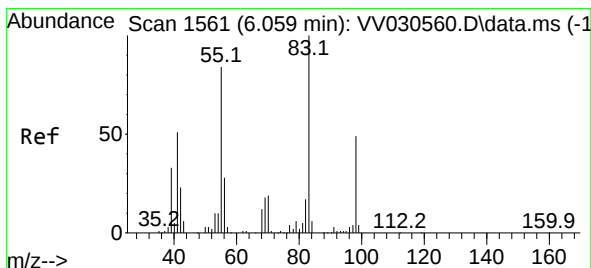
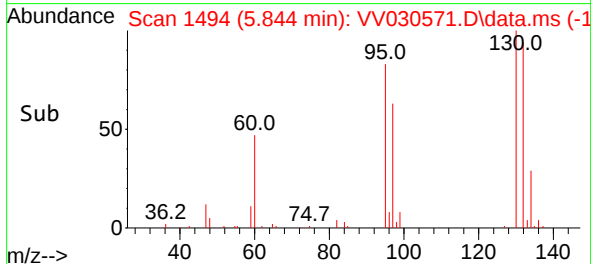
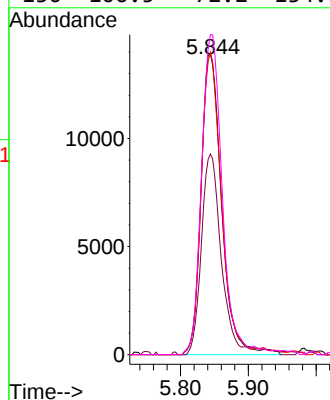
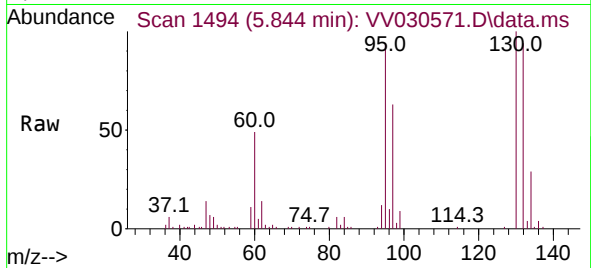


#34
Trichloroethene
Concen: 2.814 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030571.D
Acq: 14 Apr 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
BHE00DL

Tgt Ion: 95 Resp: 29333

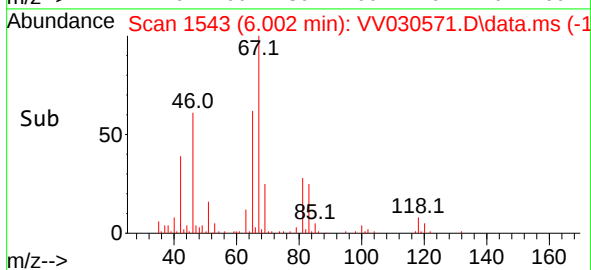
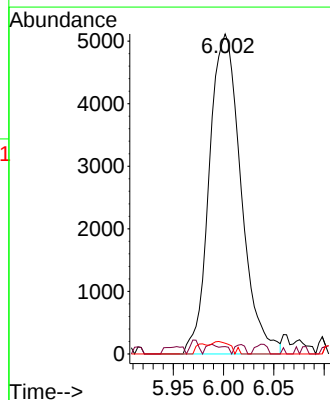
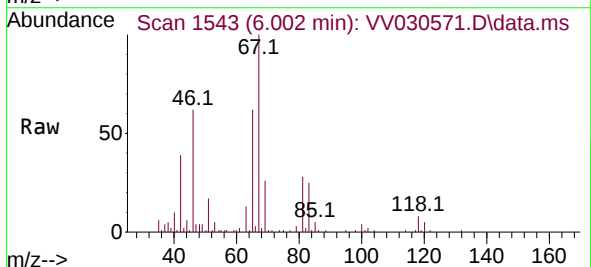
Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.2	82.2
132	100.6	69.5	129.1
130	106.5	72.2	134.0

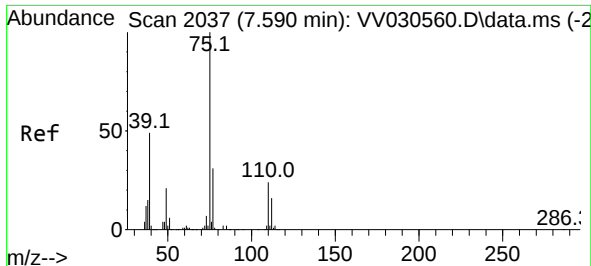


#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.058 min
Lab File: VV030571.D
Acq: 14 Apr 2023 14:24

Tgt Ion: 83 Resp: 11197

Ion	Ratio	Lower	Upper
83	100		
55	1.7	66.6	100.0#
98	2.2	38.6	58.0#

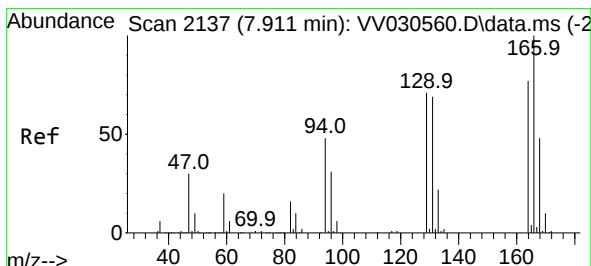
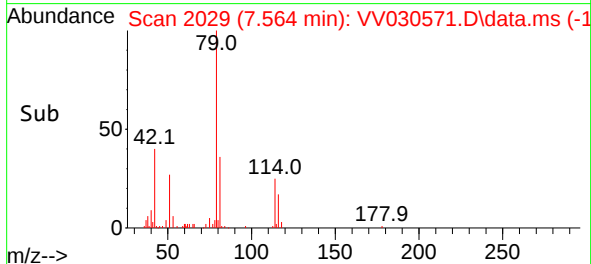
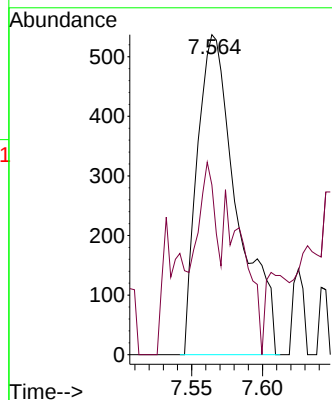
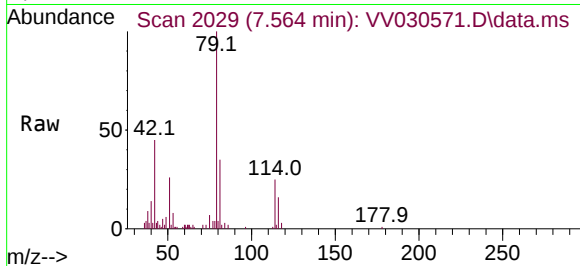




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.564 min Scan# 2037
Delta R.T. -0.026 min
Lab File: VV030571.D
Acq: 14 Apr 2023 14:24

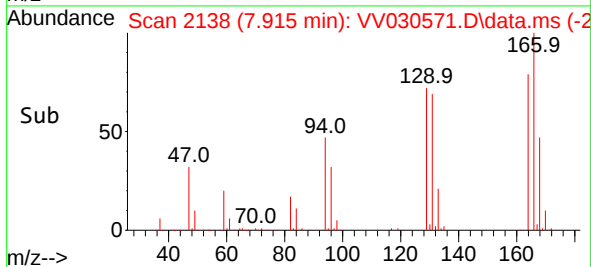
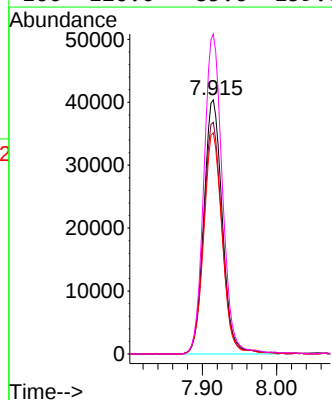
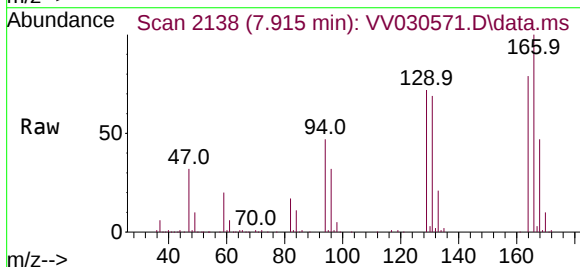
Instrument :
MSVOA_V
ClientSampleId :
BHE00DL

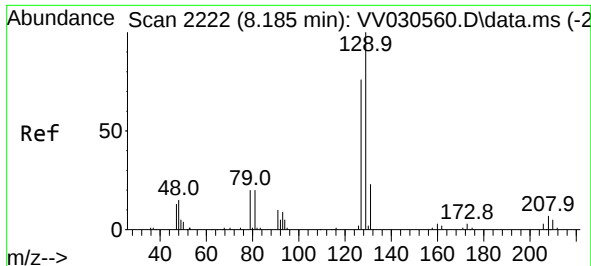
Tgt Ion: 75 Resp: 1054
Ion Ratio Lower Upper
75 100
77 53.1 21.2 39.4#



#47
Tetrachloroethene
Concen: 7.590 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030571.D
Acq: 14 Apr 2023 14:24

Tgt Ion: 164 Resp: 69833
Ion Ratio Lower Upper
164 100
129 91.2 60.8 112.8
131 87.1 61.7 114.7
166 126.0 85.6 159.0

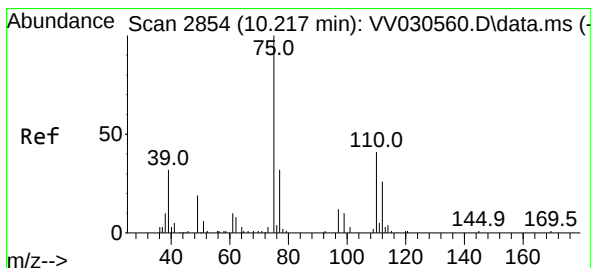
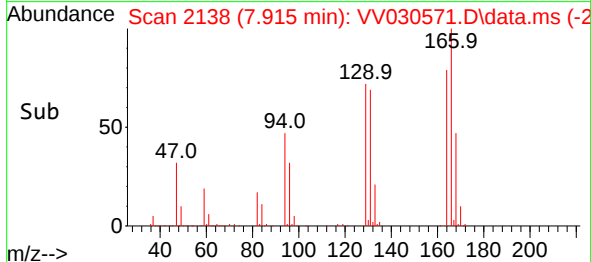
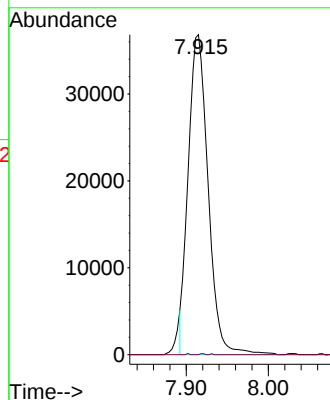
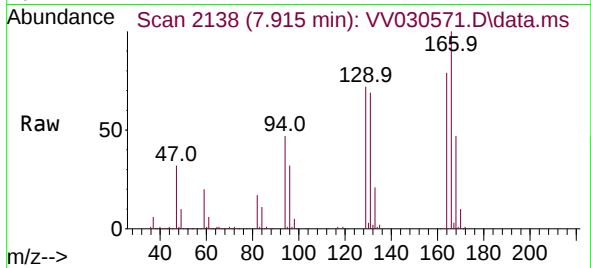




#49
Dibromochloromethane
Concen: 7.440 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030571.D
Acq: 14 Apr 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
BHE00DL

Tgt Ion:129 Resp: 61881
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#



#61
1,2,3-Trichloropropane
Concen: 1.299 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV030571.D
Acq: 14 Apr 2023 14:24

Tgt Ion: 75 Resp: 5989
Ion Ratio Lower Upper
75 100
77 37.8 26.0 39.0
110 5.6 31.6 47.4#

