

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030274.D
 Acq On : 21 Mar 2023 13:46
 Operator : SY/MD
 Sample : 01996-08DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A29DL

Quant Time: Mar 22 06:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

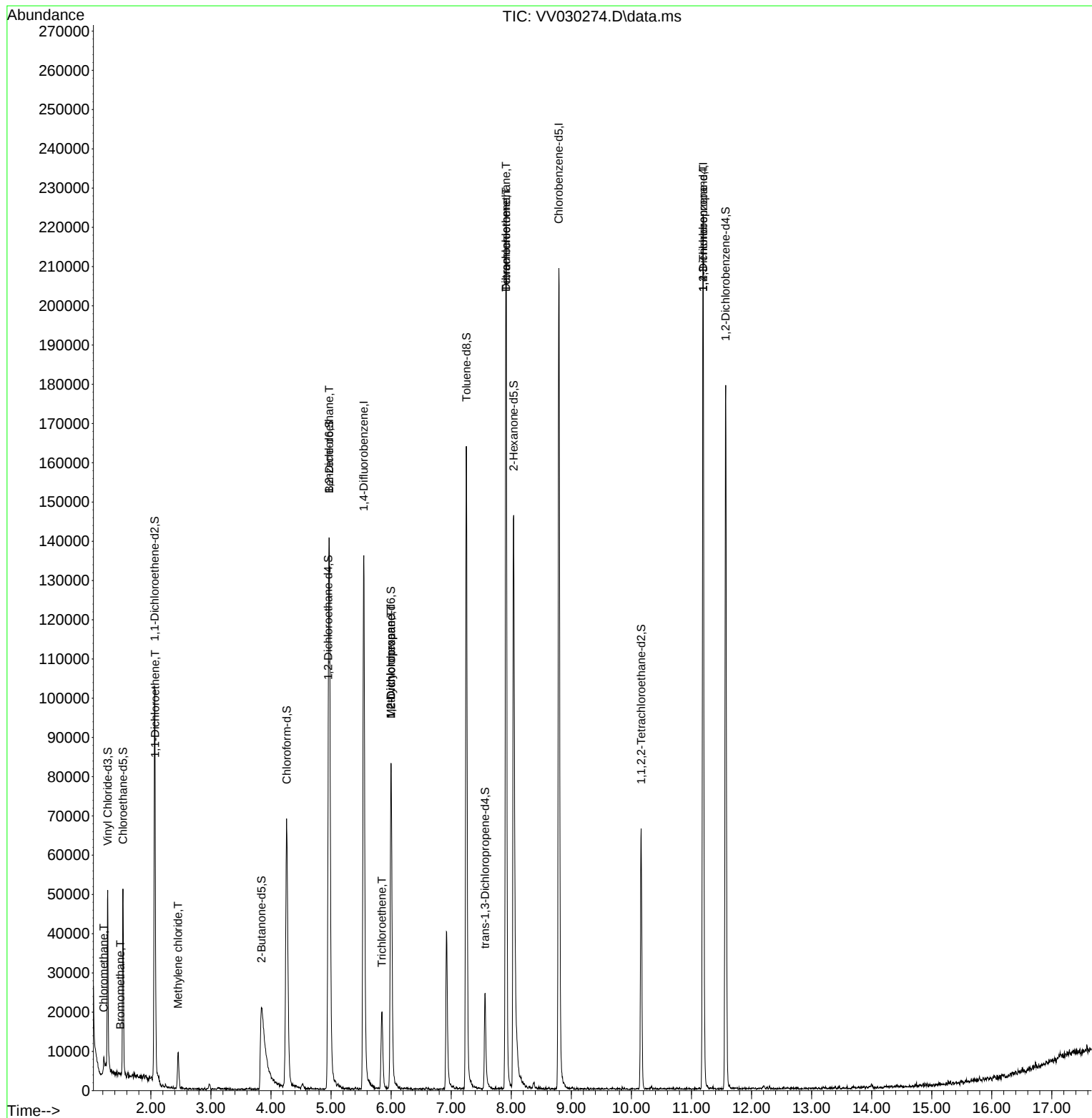
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119897	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	116420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28119	3.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.536	69	29237	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.063	63	52715	3.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.841	46	63496	44.393	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.780%
24) Chloroform-d	4.262	84	70755	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.953	65	36580	5.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	4.970	84	125099	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.998	67	37801	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.252	98	110918	3.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.564	79	14200	4.404	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.040	63	58307	43.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.420%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28931	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	45325	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2651	0.172	ug/L	94
6) Bromomethane	1.494	94	268	0.146	ug/L	80
12) 1,1-Dichloroethene	2.073	96	3098	0.385	ug/L #	1
16) Methylene chloride	2.452	84	3408	0.347	ug/L	91
27) 1,2-Dichloroethane	4.966	62	1043	0.134	ug/L #	71
34) Trichloroethene	5.847	95	6994	0.785	ug/L	98
35) Methylcyclohexane	5.998	83	9966	0.739	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5278	0.652	ug/L #	86
47) Tetrachloroethene	7.915	164	50505	6.604	ug/L	99
49) Dibromochloromethane	7.912	129	45142	6.665	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6447	1.604	ug/L #	63

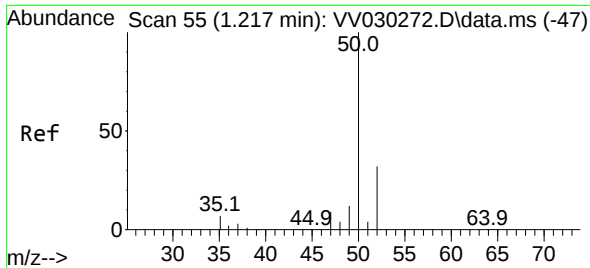
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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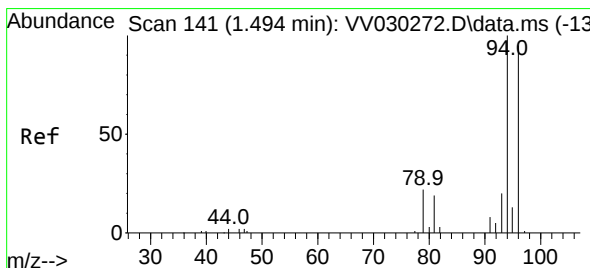
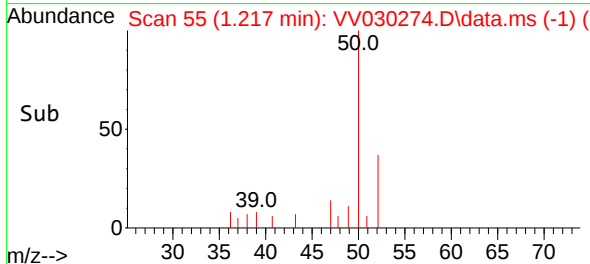
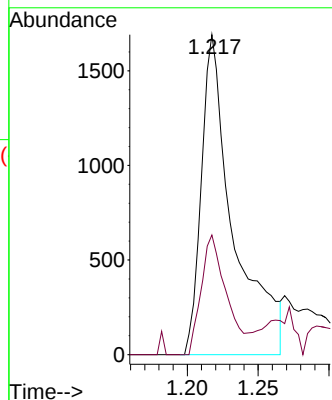
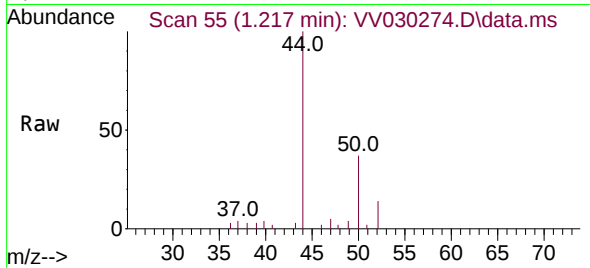




#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030274.D
Acq: 21 Mar 2023 13:46

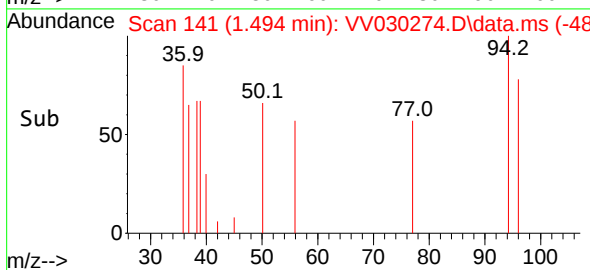
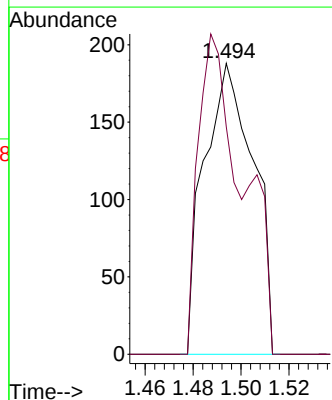
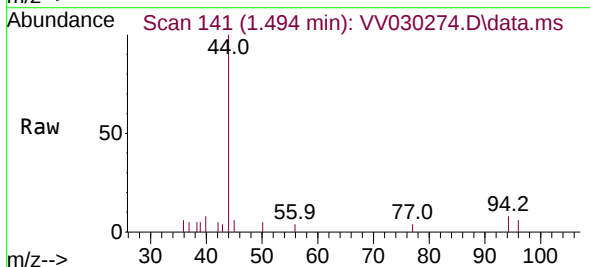
Instrument :
MSVOA_V
ClientSampleId :
H0A29DL

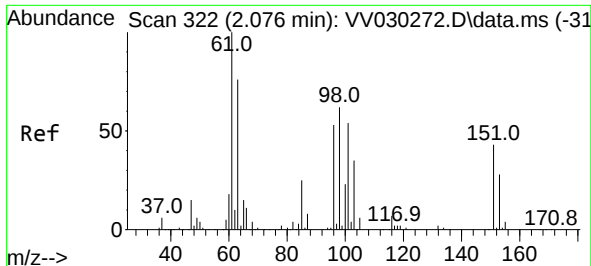
Tgt Ion: 50 Resp: 2651
Ion Ratio Lower Upper
50 100
52 37.4 23.6 43.8



#6
Bromomethane
Concen: 0.146 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV030274.D
Acq: 21 Mar 2023 13:46

Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 78.2 68.4 127.0





#12

1,1-Dichloroethene

Concen: 0.385 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030274.D

Acq: 21 Mar 2023 13:46

Instrument :

MSVOA_V

ClientSampleId :

H0A29DL

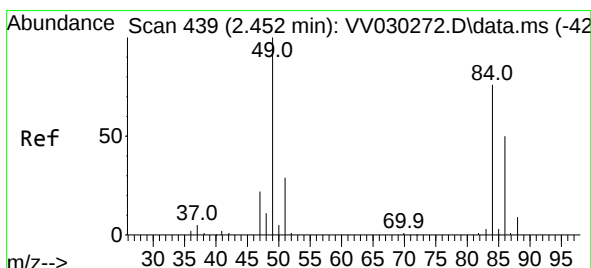
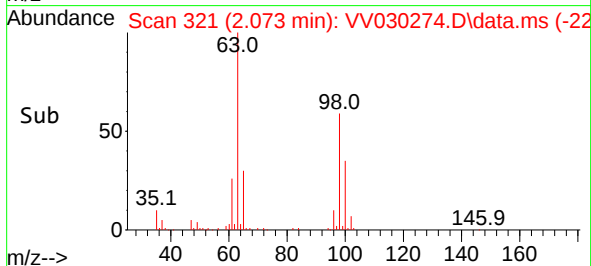
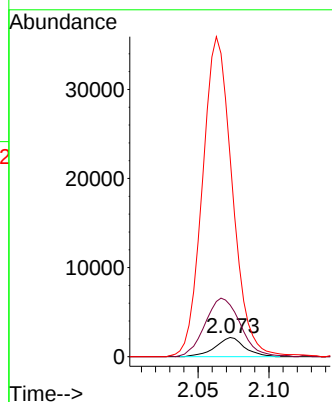
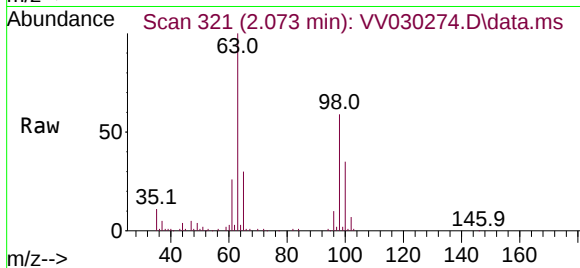
Tgt Ion: 96 Resp: 3098

Ion Ratio Lower Upper

96 100

61 269.8 115.6 214.6#

63 1041.4 85.6 159.0#



#16

Methylene chloride

Concen: 0.347 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.000 min

Lab File: VV030274.D

Acq: 21 Mar 2023 13:46

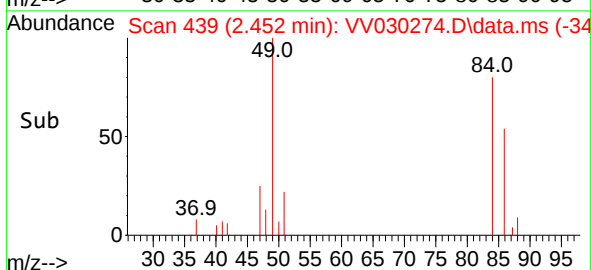
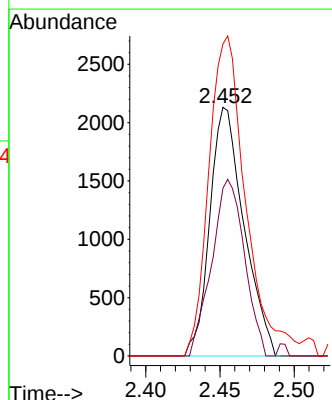
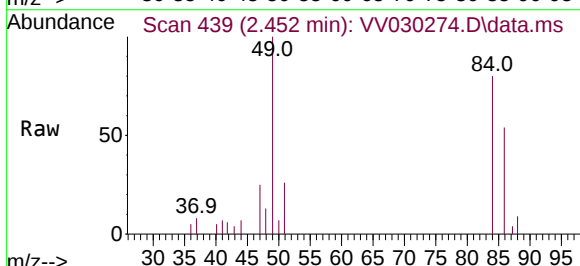
Tgt Ion: 84 Resp: 3408

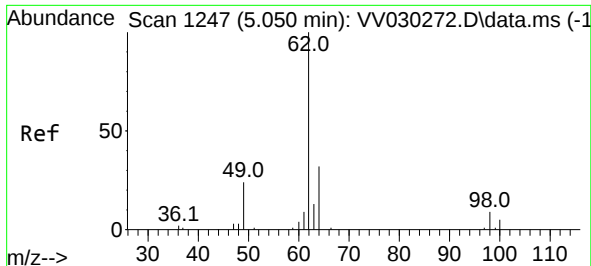
Ion Ratio Lower Upper

84 100

86 67.5 44.7 83.1

49 125.5 78.8 146.3





#27

1,2-Dichloroethane

Concen: 0.134 ug/L

RT: 4.966 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV030274.D

Acq: 21 Mar 2023 13:46

Instrument :

MSVOA_V

ClientSampleId :

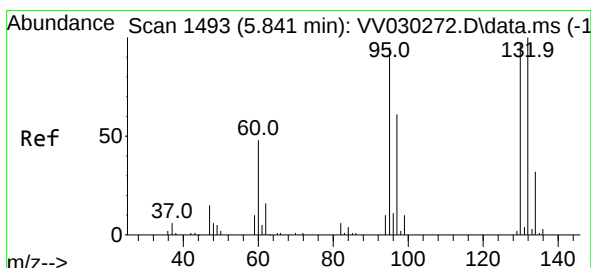
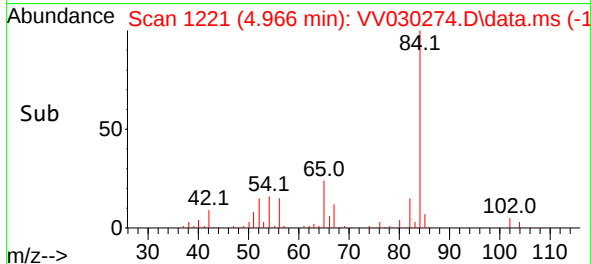
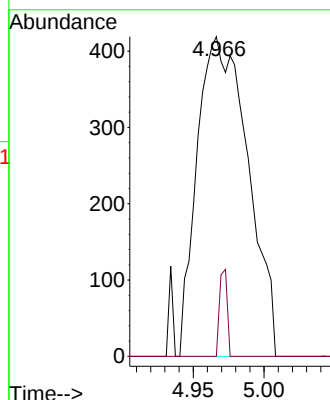
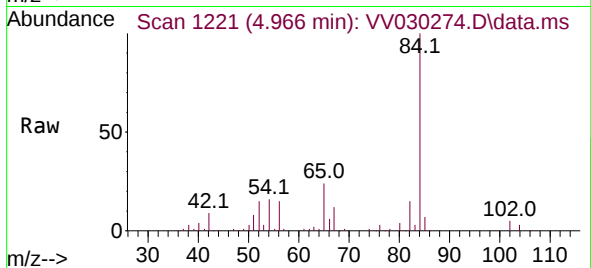
H0A29DL

Tgt Ion: 62 Resp: 1043

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#34

Trichloroethene

Concen: 0.785 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VV030274.D

Acq: 21 Mar 2023 13:46

Tgt Ion: 95 Resp: 6994

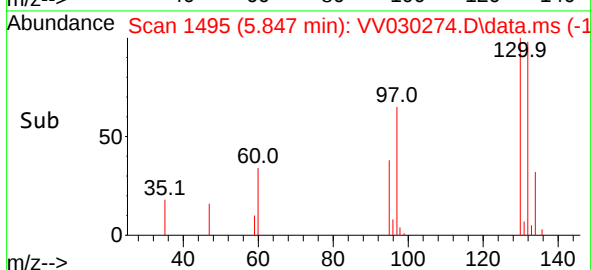
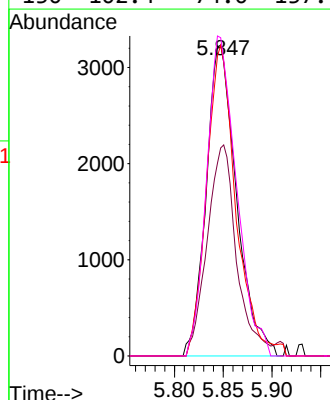
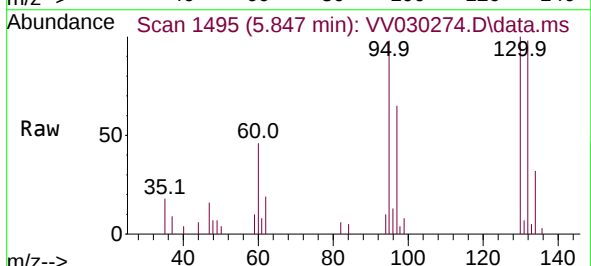
Ion Ratio Lower Upper

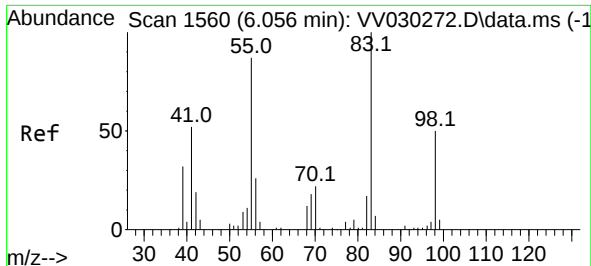
95 100

97 66.9 46.5 86.5

132 100.0 71.7 133.3

130 102.4 74.0 137.4

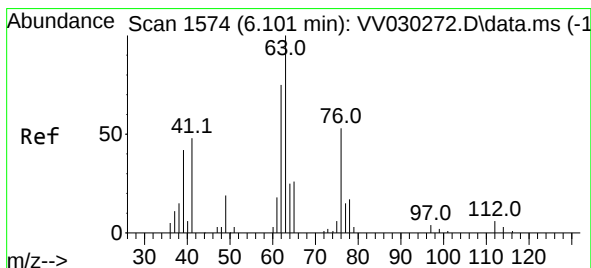
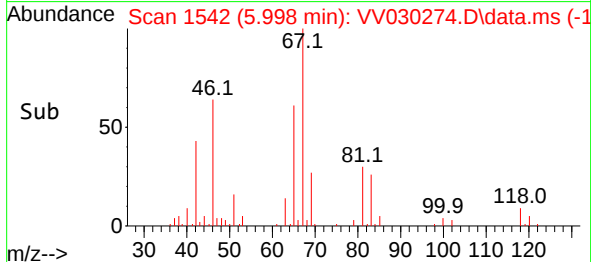
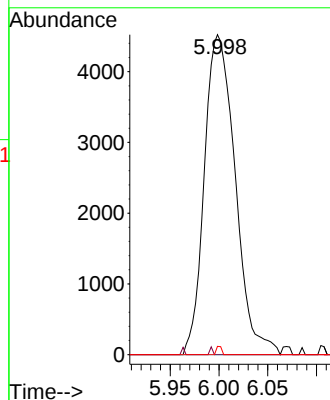
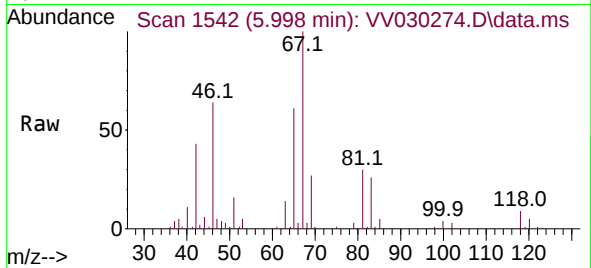




#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030274.D
Acq: 21 Mar 2023 13:46

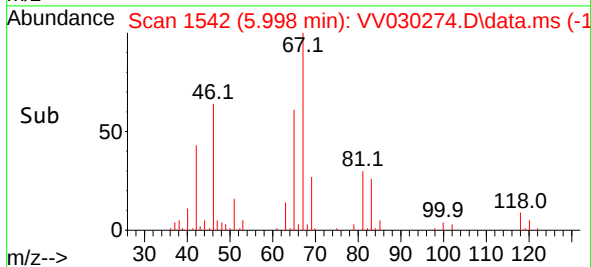
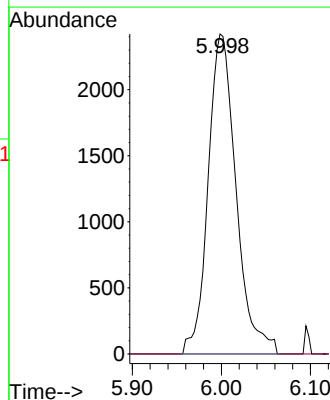
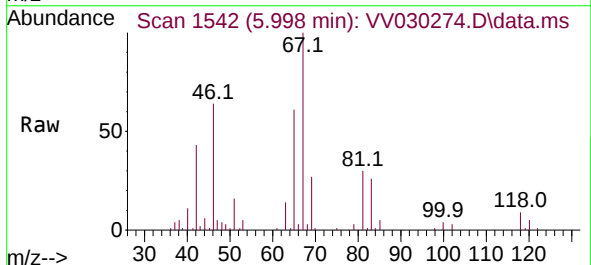
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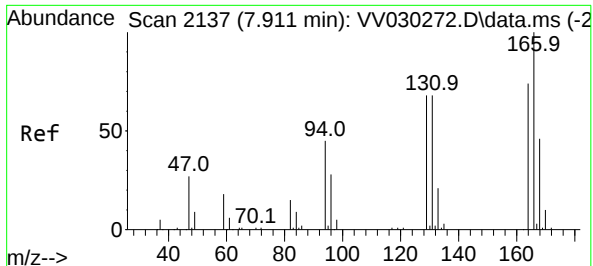
Tgt Ion: 83 Resp: 9966
Ion Ratio Lower Upper
83 100
55 0.2 57.6 86.4#
98 0.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030274.D
Acq: 21 Mar 2023 13:46

Tgt Ion: 63 Resp: 5278
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

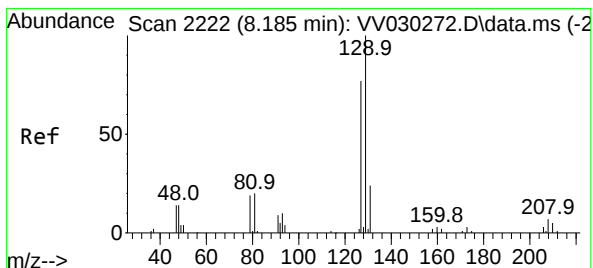
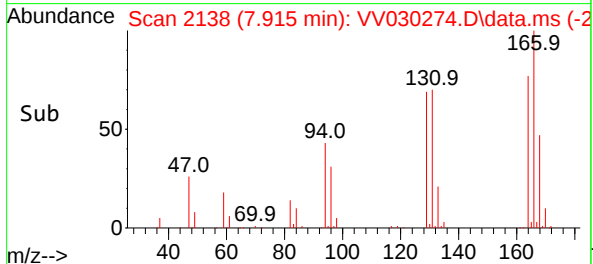
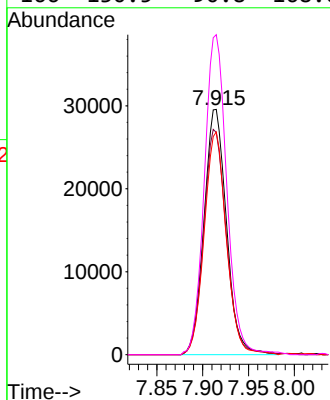
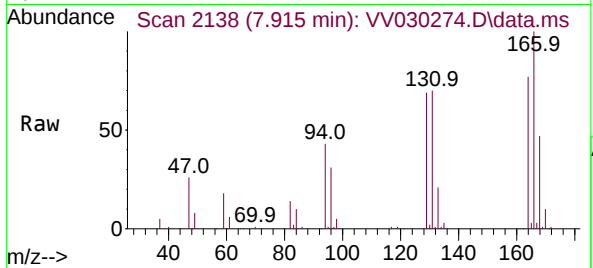




#47
Tetrachloroethene
Concen: 6.604 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV030274.D
Acq: 21 Mar 2023 13:46

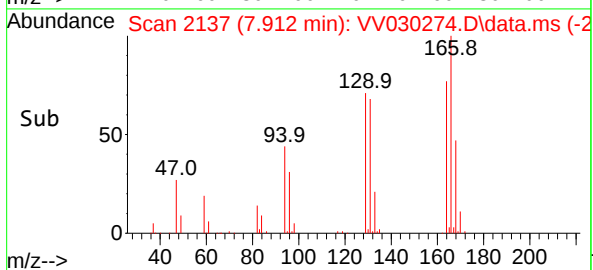
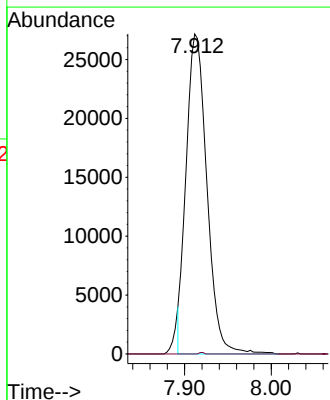
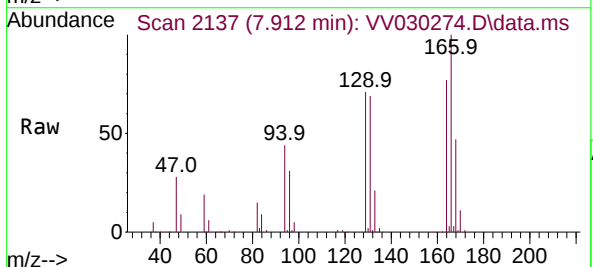
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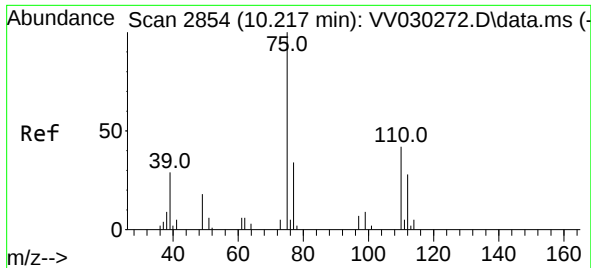
Tgt Ion:164 Resp: 50505
Ion Ratio Lower Upper
164 100
129 90.6 63.6 118.2
131 90.8 61.7 114.7
166 130.5 90.8 168.6



#49
Dibromochloromethane
Concen: 6.665 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030274.D
Acq: 21 Mar 2023 13:46

Tgt Ion:129 Resp: 45142
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.604 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.978 min
 Lab File: VV030274.D
 Acq: 21 Mar 2023 13:46

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A29DL

Tgt Ion: 75 Resp: 6447
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.5 39.7
 110 2.8 31.8 47.6#

