

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029840.D
 Acq On : 14 Jan 2023 04:17
 Operator : SY/MD
 Sample : 01149-03 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL53

Quant Time: Jan 14 08:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	195701	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	187633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	97251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65082	4.385	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.564	69	60180	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.108	63	123184	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.896	46	156486	59.479	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.960%
24) Chloroform-d	4.339	84	135743	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	62848	5.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.043	84	276646	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.063	67	86938	5.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.307	98	236090	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.616	79	24184	4.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.085	63	127522	52.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62517	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	91598	5.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1161	0.061	ug/L	95
5) Vinyl chloride	1.307	62	50232	2.672	ug/L	99
6) Bromomethane	1.519	94	452	0.049	ug/L	99
8) Chloroethane	1.580	64	3776	0.331	ug/L	93
12) 1,1-Dichloroethene	2.114	96	70860	4.240	ug/L	92
16) Methylene chloride	2.503	84	34364	1.655	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	55482	3.572	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	755295	45.631	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	597	0.025	ug/L #	50
34) Trichloroethene	5.905	95	5759476	366.344	ug/L	95
35) Methylcyclohexane	6.063	83	19564	0.737	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	8616	0.593	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1546	0.079	ug/L #	39
47) Tetrachloroethene	7.966	164	781	0.059	ug/L	83
49) Dibromochloromethane	7.973	129	792	0.064	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	10219	1.419	ug/L #	66

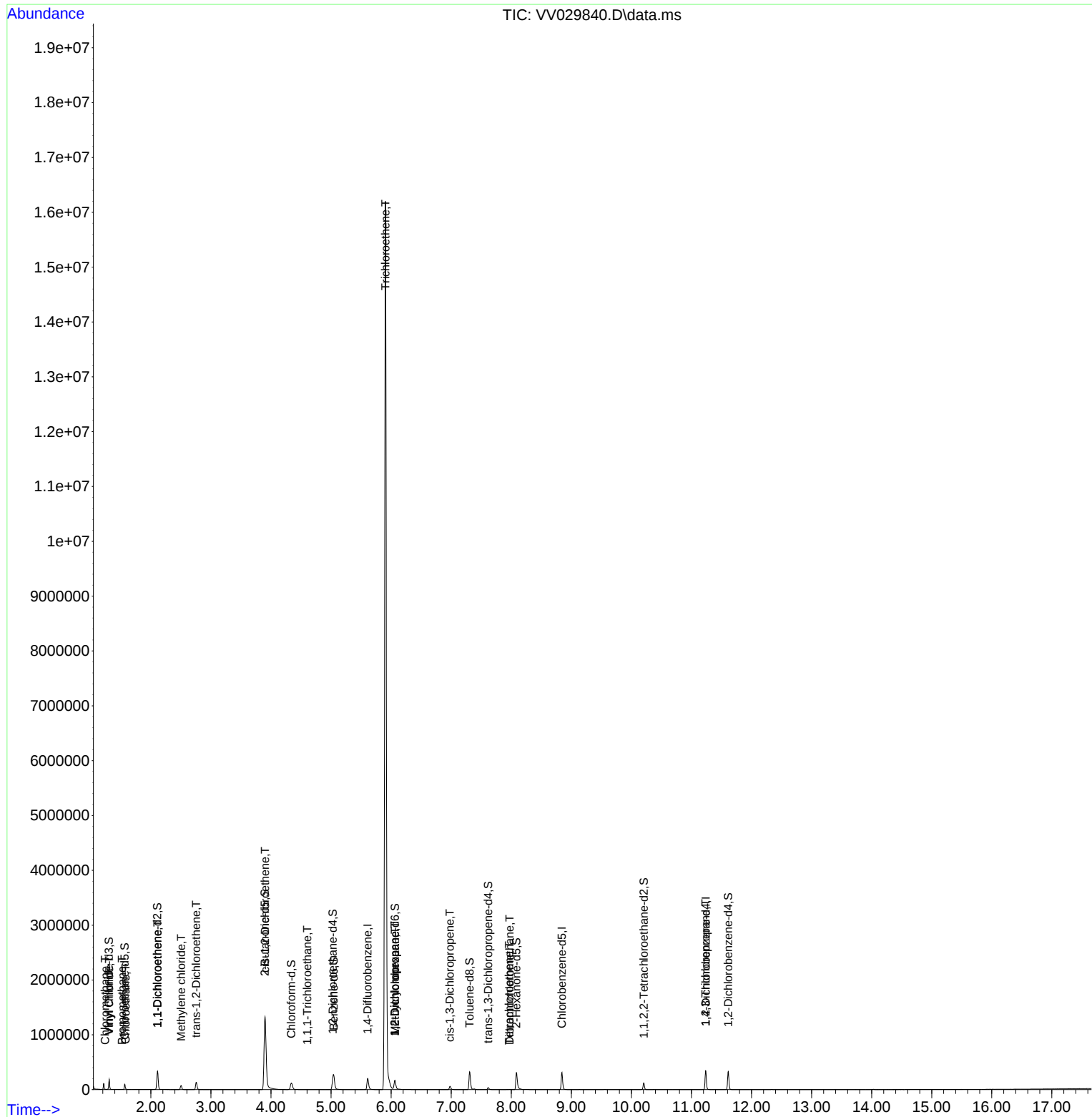
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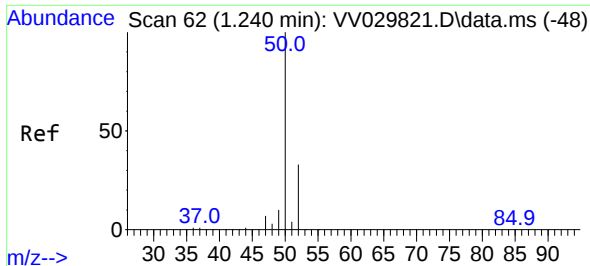
Instrument :
MSVOA_V
ClientSampleId :
C0L53

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029840.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

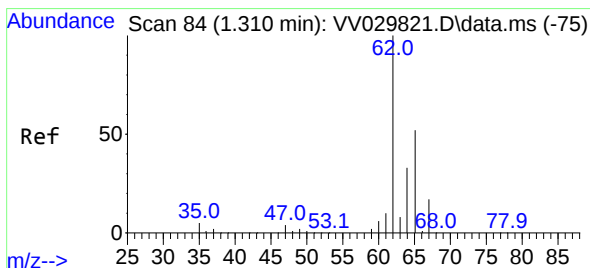
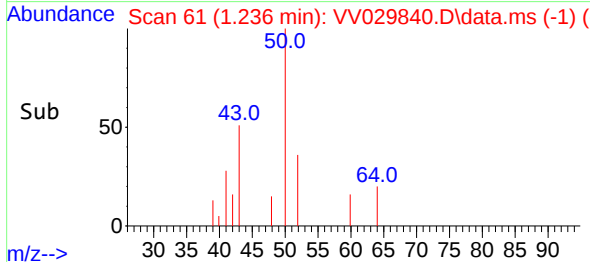
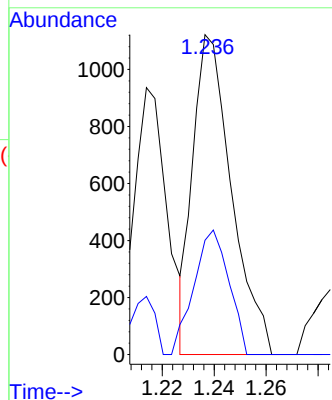
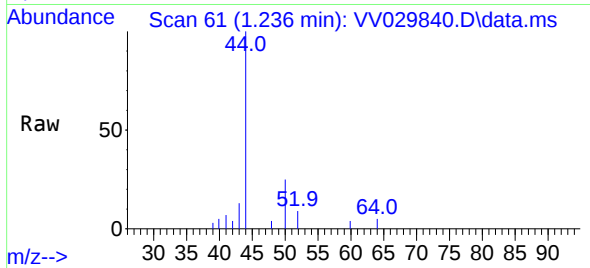




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

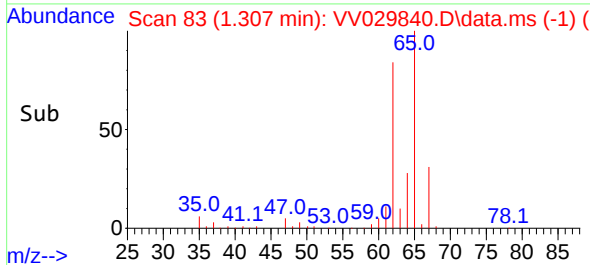
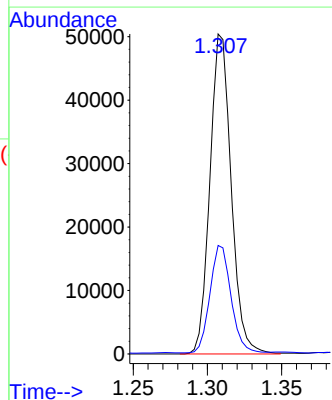
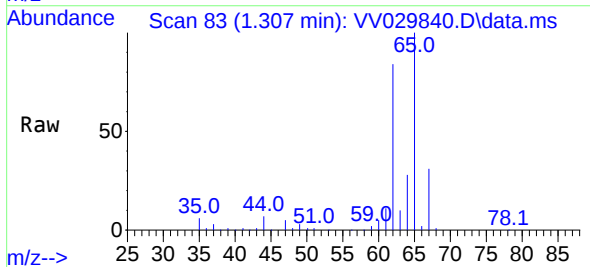
Instrument :
MSVOA_V
ClientSampleId :
COL53

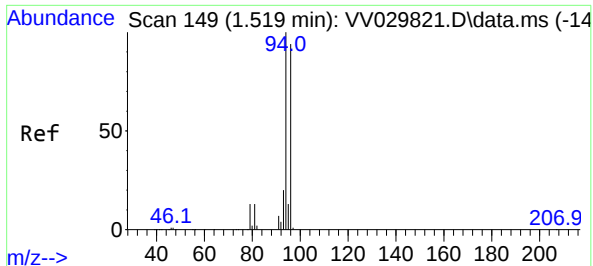
Tgt Ion: 50 Resp: 1161
Ion Ratio Lower Upper
50 100
52 35.7 23.1 42.9



#5
Vinyl chloride
Concen: 2.672 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Tgt Ion: 62 Resp: 50232
Ion Ratio Lower Upper
62 100
64 33.9 23.2 43.2

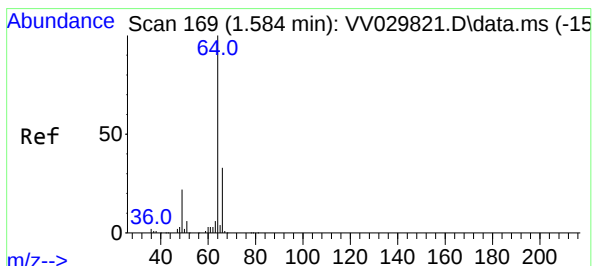
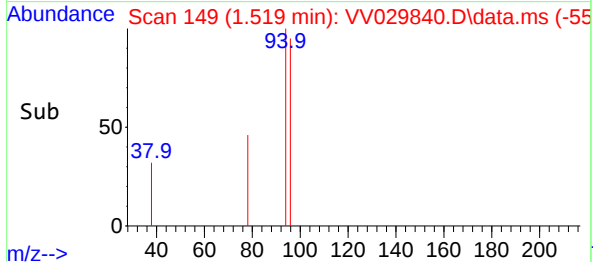
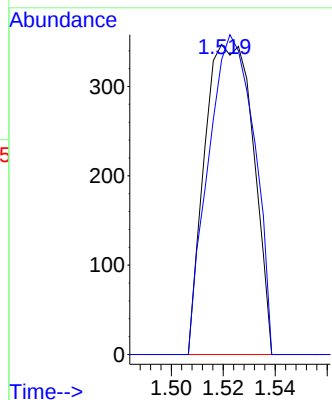
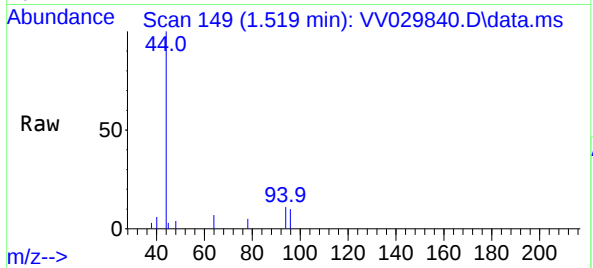




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

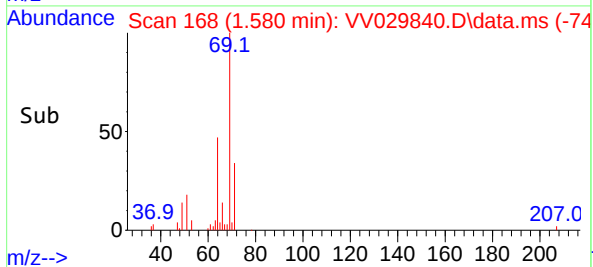
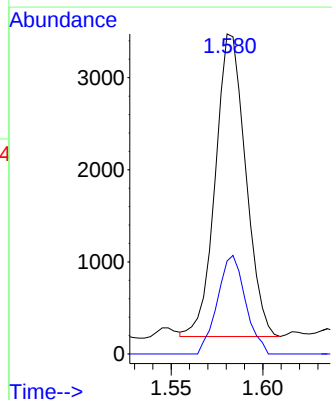
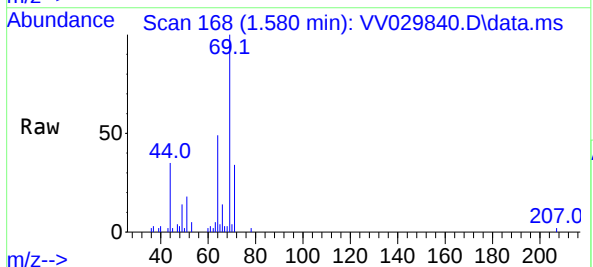
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MSVOA_V
ClientSampleId :
COL53

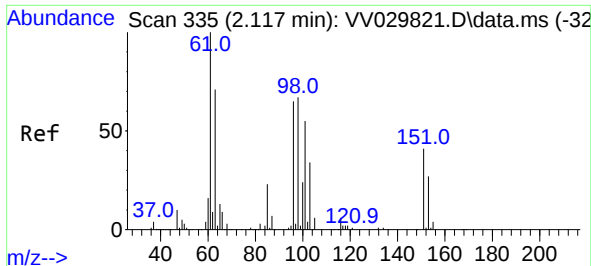
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 95.1 65.9 122.5



#8
Chloroethane
Concen: 0.331 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Tgt Ion: 64 Resp: 3776
Ion Ratio Lower Upper
64 100
66 29.0 22.9 42.5

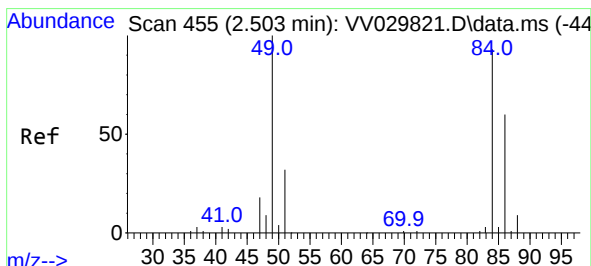
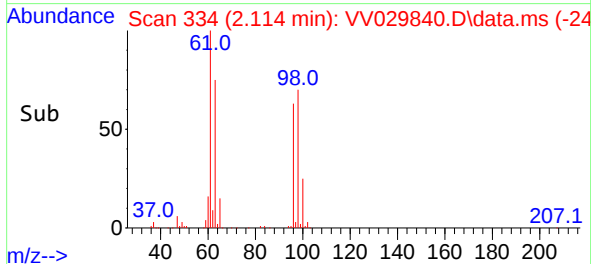
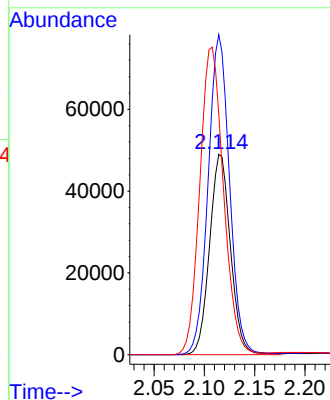
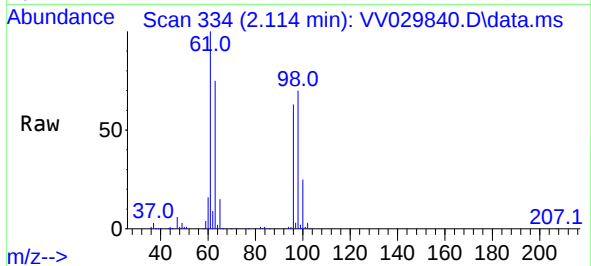




#12
1,1-Dichloroethene
Concen: 4.240 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

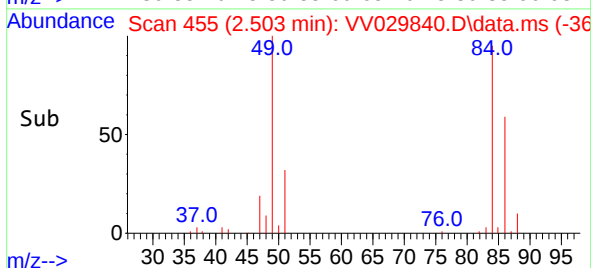
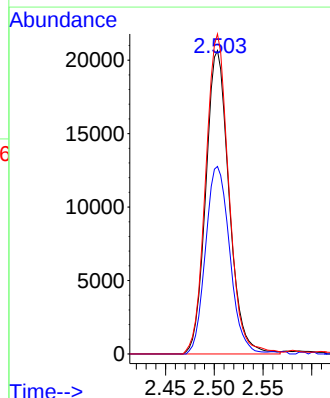
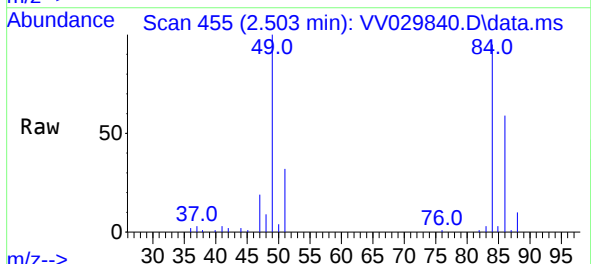
Instrument :
MSVOA_V
ClientSampleId :
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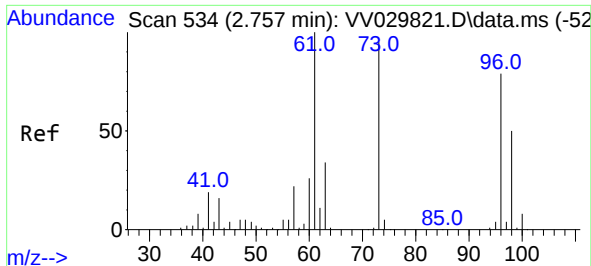
Tgt Ion: 96 Resp: 70860
Ion Ratio Lower Upper
96 100
61 159.7 106.1 197.1
63 120.5 76.4 141.8



#16
Methylene chloride
Concen: 1.655 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Tgt Ion: 84 Resp: 34364
Ion Ratio Lower Upper
84 100
86 61.8 45.0 83.6
49 105.5 71.5 132.7

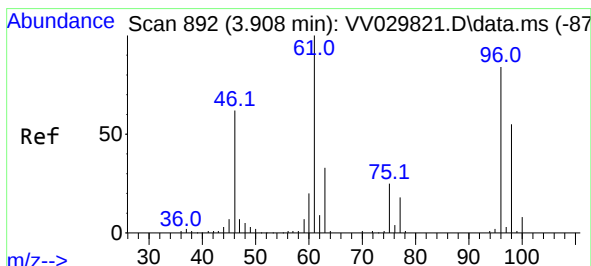
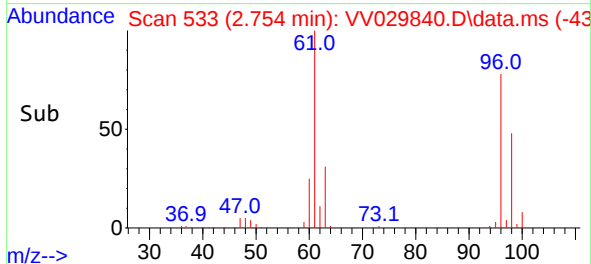
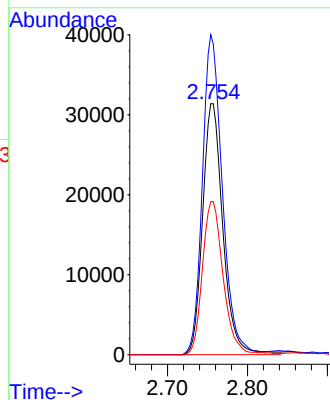
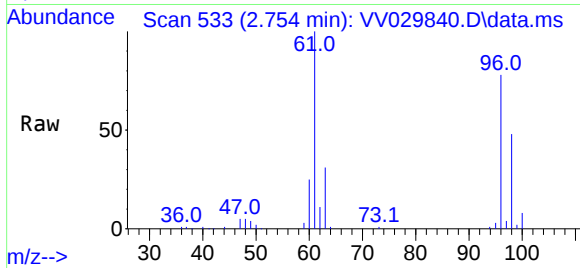




#18
trans-1,2-Dichloroethene
Concen: 3.572 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

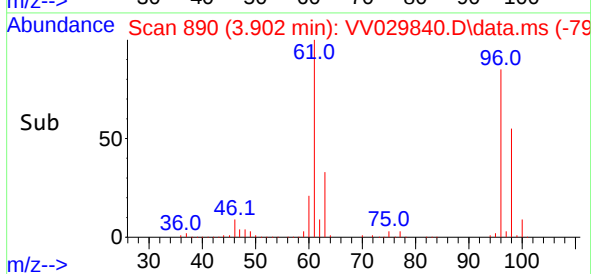
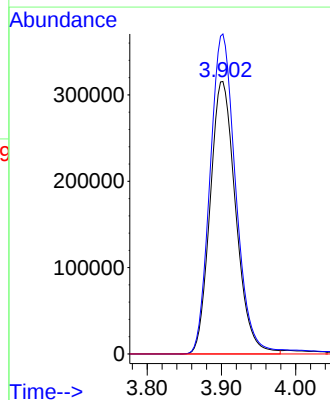
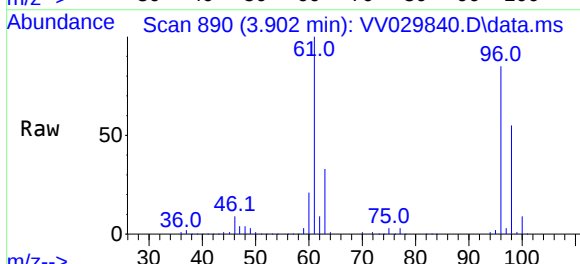
Instrument :
MSVOA_V
ClientSampleId :
COL53

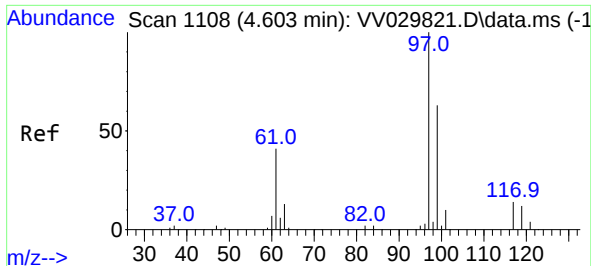
Tgt Ion: 96 Resp: 55482
Ion Ratio Lower Upper
96 100
61 127.5 86.1 159.9
98 61.0 43.9 81.5



#22
cis-1,2-Dichloroethene
Concen: 45.631 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Tgt Ion: 96 Resp: 755295
Ion Ratio Lower Upper
96 100
61 117.4 80.0 148.6
68 0.0 0.0 0.0



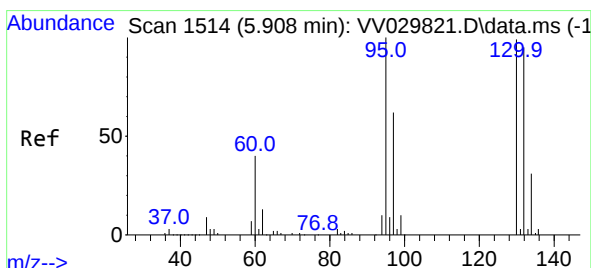
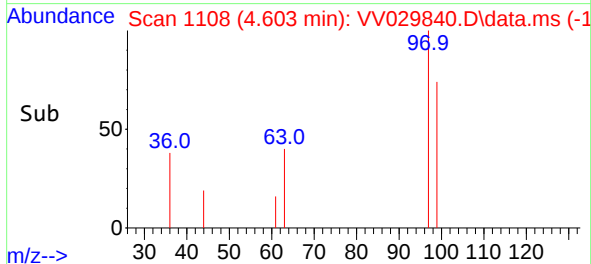
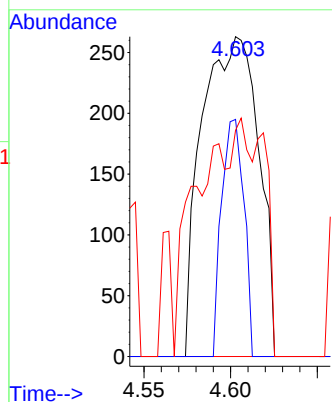
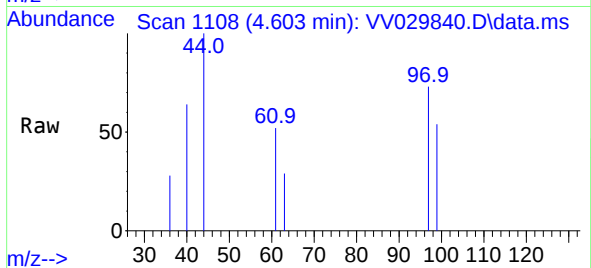


#29
1,1,1-Trichloroethane
Concen: 0.025 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Instrument :
MSVOA_V
ClientSampleId :
COL53

Tgt Ion: 97 Resp: 597

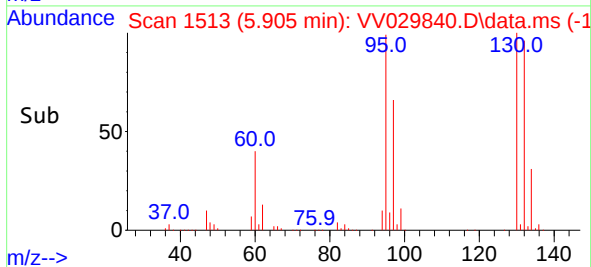
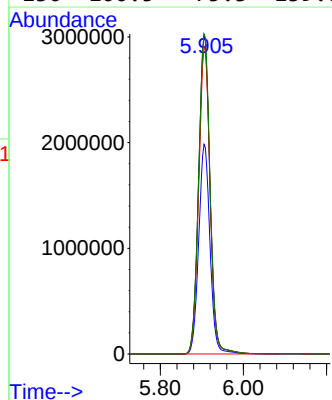
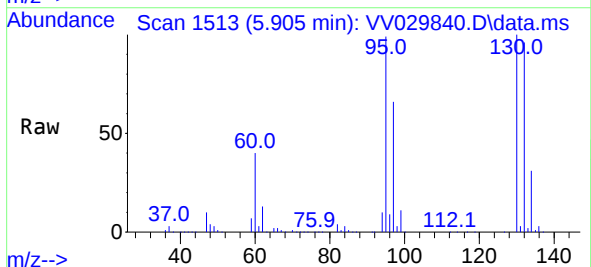
Ion	Ratio	Lower	Upper
97	100		
99	29.1	51.3	76.9#
61	3.9	31.6	47.4#

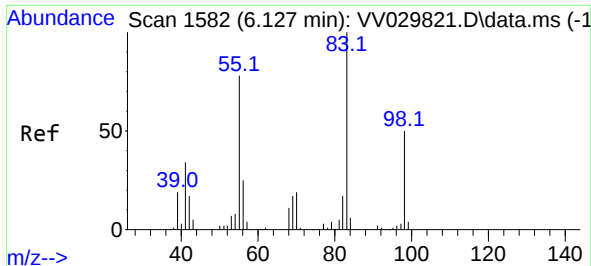


#34
Trichloroethene
Concen: 366.344 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Tgt Ion: 95 Resp: 5759476

Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.3
132	96.3	71.8	133.4
130	100.5	75.3	139.8





#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029840.D

Acq: 14 Jan 2023 04:17

Instrument :

MSVOA_V

ClientSampleId :

C0L53

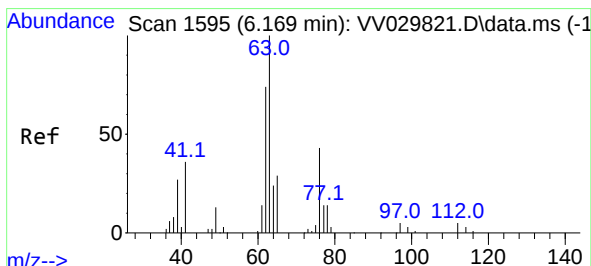
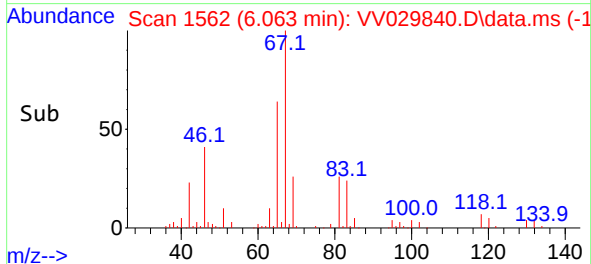
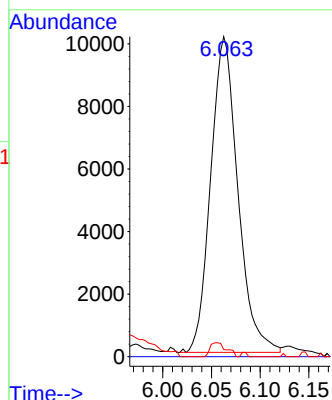
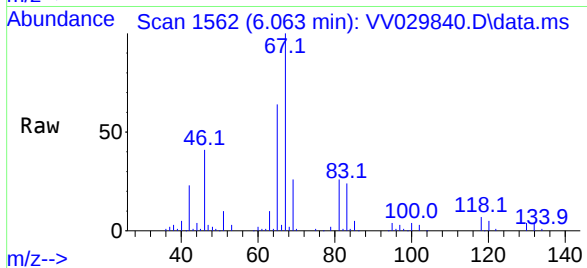
Tgt Ion: 83 Resp: 19564

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.103 min

Lab File: VV029840.D

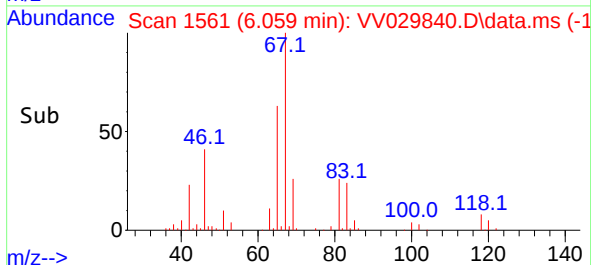
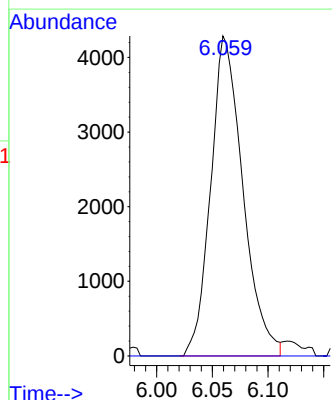
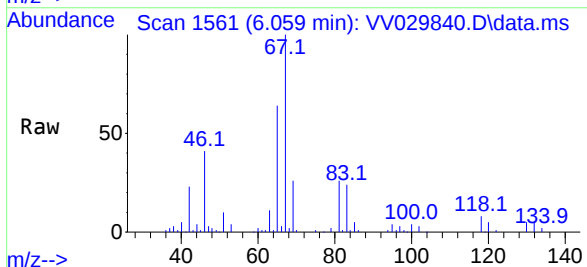
Acq: 14 Jan 2023 04:17

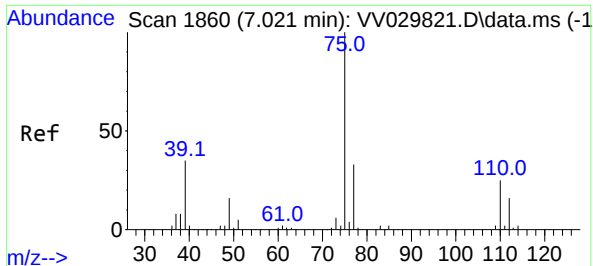
Tgt Ion: 63 Resp: 8616

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029840.D

Acq: 14 Jan 2023 04:17

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MSVOA_V

ClientSampleId :

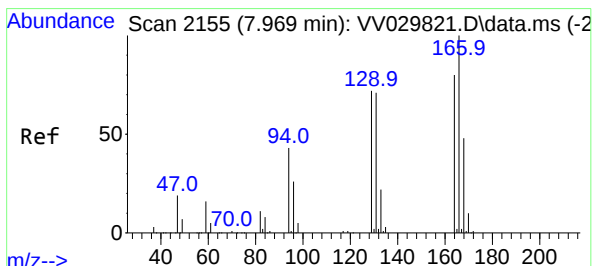
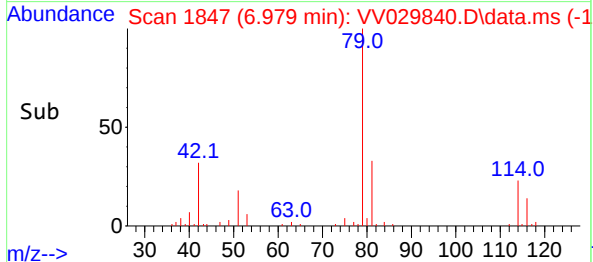
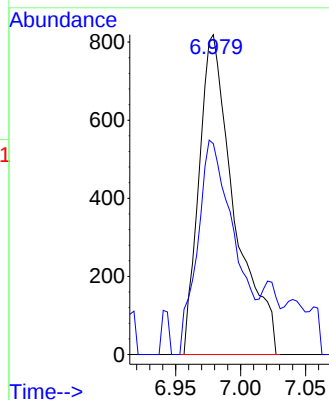
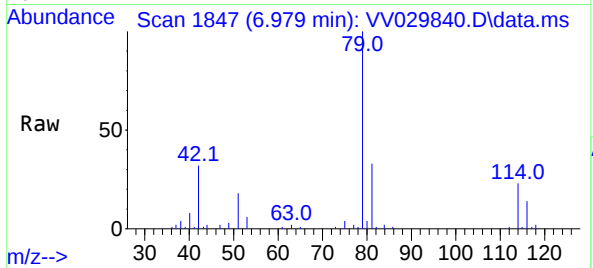
C0L53

Tgt Ion: 75 Resp: 1546

Ion Ratio Lower Upper

75 100

77 65.9 22.4 41.6#



#47

Tetrachloroethene

Concen: 0.059 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VV029840.D

Acq: 14 Jan 2023 04:17

Tgt Ion: 164 Resp: 781

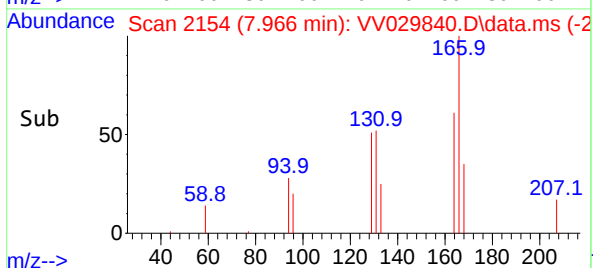
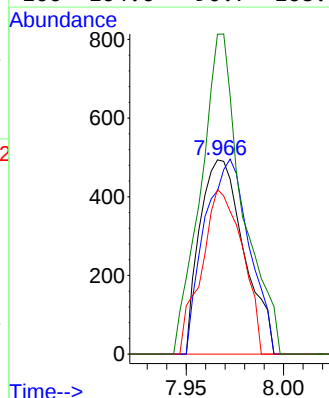
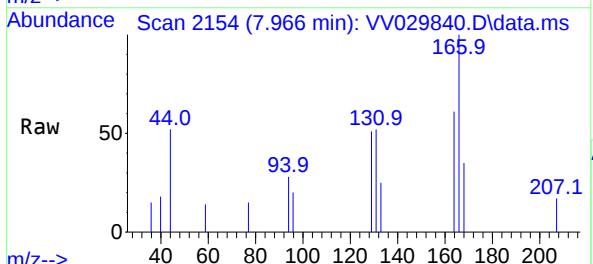
Ion Ratio Lower Upper

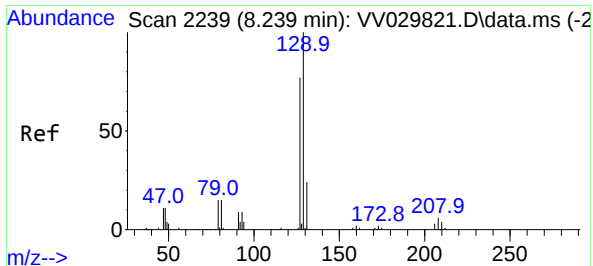
164 100

129 84.0 64.5 119.7

131 84.8 62.9 116.7

166 164.6 90.7 168.5

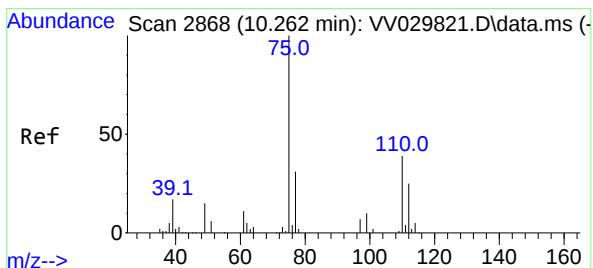
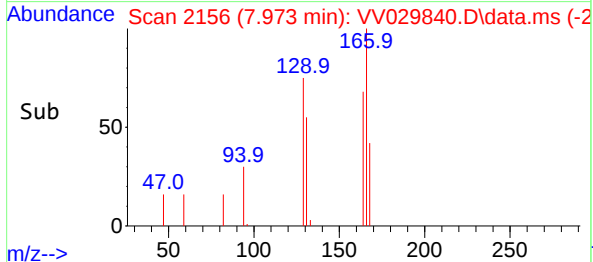
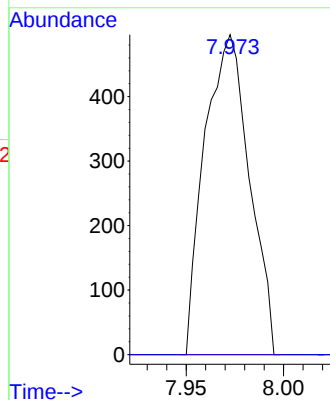
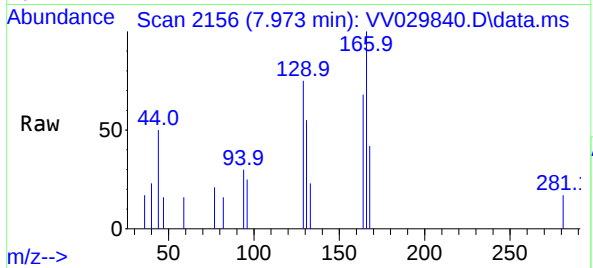




#49
Dibromochloromethane
Concen: 0.064 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.264 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Instrument :
MSVOA_V
ClientSampleId :
COL53

Tgt Ion:129 Resp: 792
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#61
1,2,3-Trichloropropane
Concen: 1.419 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029840.D
Acq: 14 Jan 2023 04:17

Tgt Ion: 75 Resp: 10219
Ion Ratio Lower Upper
75 100
77 33.6 26.5 39.7
110 2.3 31.8 47.8#

