

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028243.D
 Acq On : 30 Sep 2022 22:28
 Operator : SY/MD
 Sample : N4865-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW844DL

Quant Time: Oct 01 02:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	173308	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62874	3.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.561	69	56699	3.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.101	63	92610	2.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.899	46	127798	42.131	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.260%
24) Chloroform-d	4.343	84	125040	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.031	65	58726	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.047	84	244942	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	72955	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.313	98	200894	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.622	79	22264	3.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.088	63	108417	41.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52082	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.619	152	73884	4.838	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1151	0.067	ug/L	84
5) Vinyl chloride	1.304	62	948	0.071	ug/L #	1
6) Bromomethane	1.519	94	828	0.095	ug/L	99
8) Chloroethane	1.481	64	43061	4.778	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1105	0.090	ug/L #	22
14) Carbon disulfide	2.285	76	1484	0.065	ug/L #	94
16) Methylene chloride	2.503	84	4166	0.312	ug/L	90
18) trans-1,2-Dichloroethene	2.757	96	2916	0.278	ug/L	82
22) cis-1,2-Dichloroethene	3.908	96	2366	0.172	ug/L	79
25) Chloroform	4.371	83	1721	0.070	ug/L	96
34) Trichloroethene	5.921	95	3100	0.264	ug/L	89
37) 1,2-Dichloropropane	6.063	63	7894	0.596	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1553	0.094	ug/L #	36
45) 1,1,2-Trichloroethane	7.969	97	674	0.076	ug/L #	13
47) Tetrachloroethene	7.973	164	86921	9.265	ug/L	97
49) Dibromochloromethane	7.973	129	76130	7.136	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6855	1.050	ug/L #	64

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QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

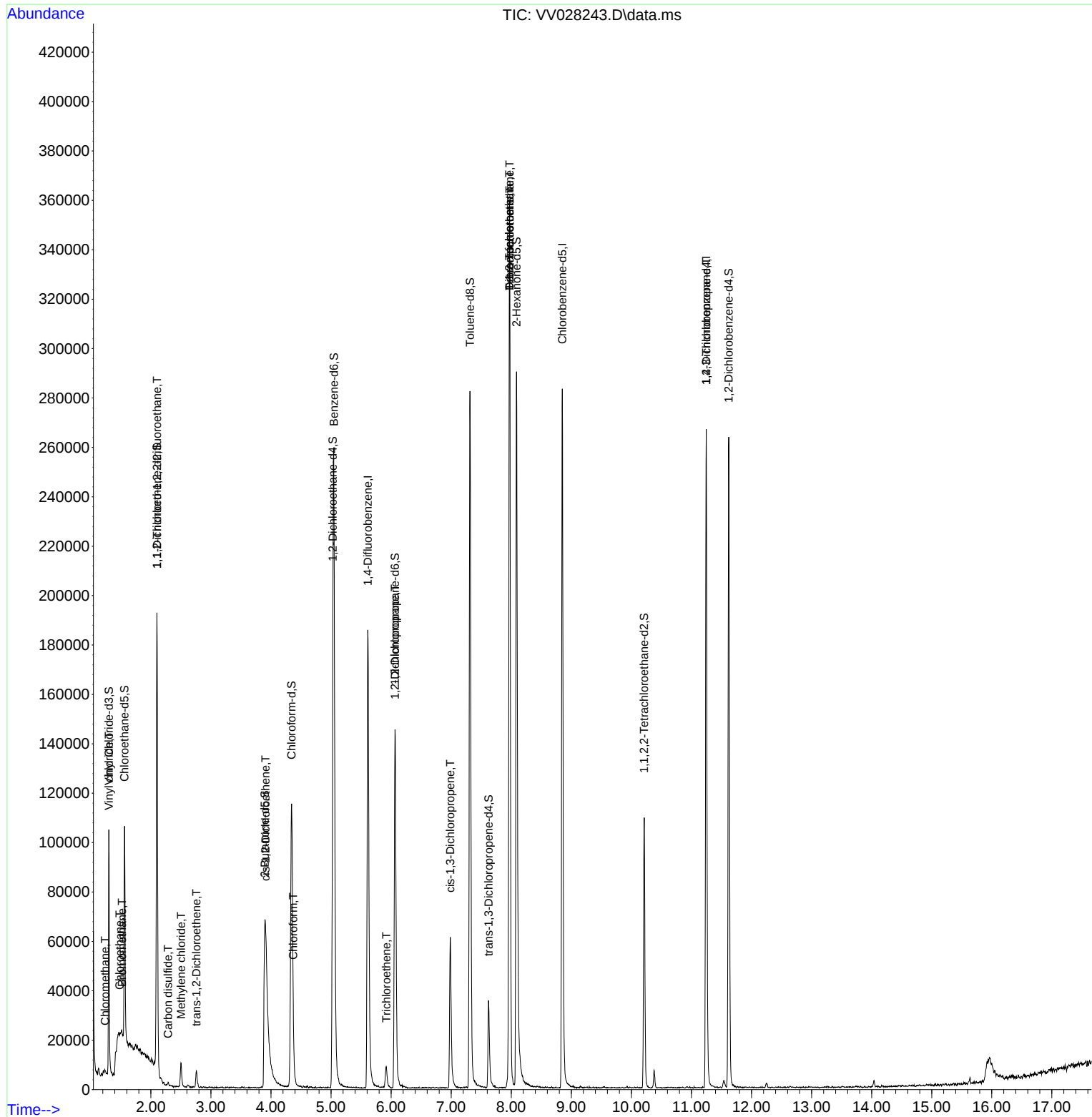
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

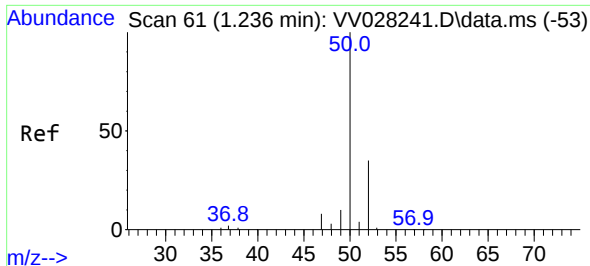
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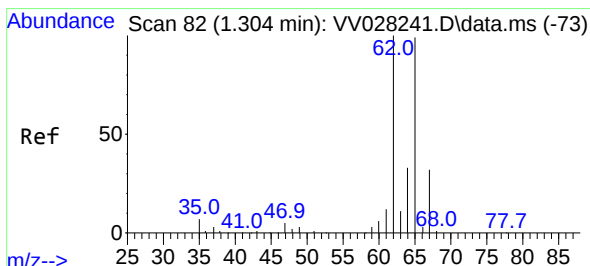
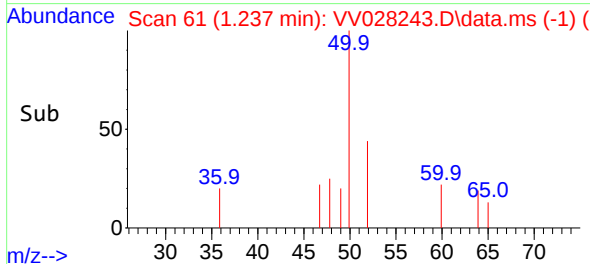
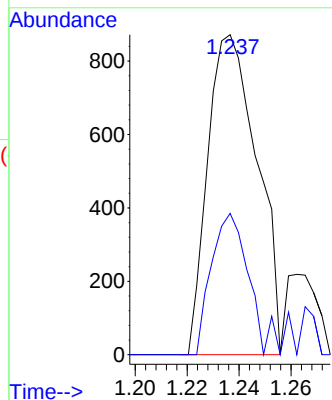
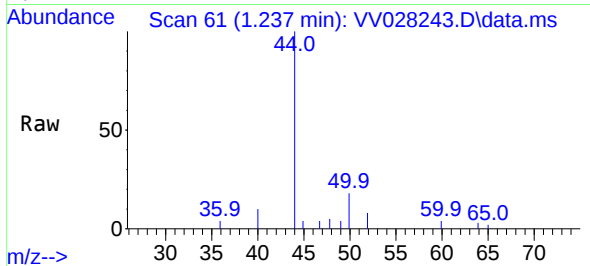




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

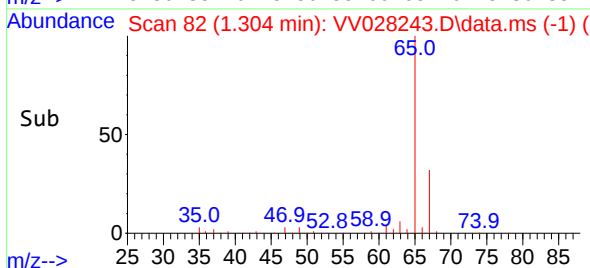
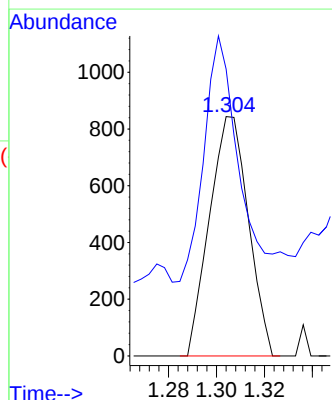
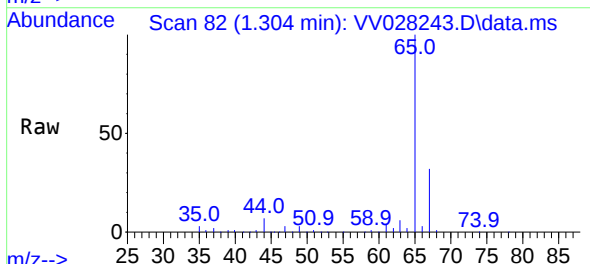
Instrument :
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ClientSampleId :
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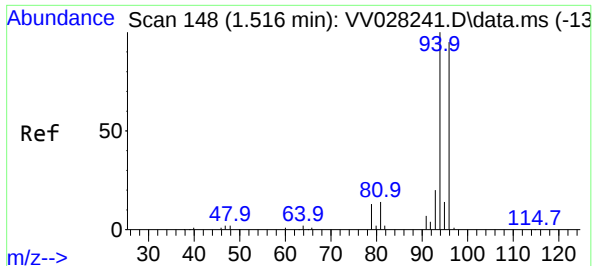
Tgt Ion: 50 Resp: 1151
Ion Ratio Lower Upper
50 100
52 44.2 24.4 45.2



#5
Vinyl chloride
Concen: 0.071 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 62 Resp: 948
Ion Ratio Lower Upper
62 100
64 119.8 23.0 42.8#

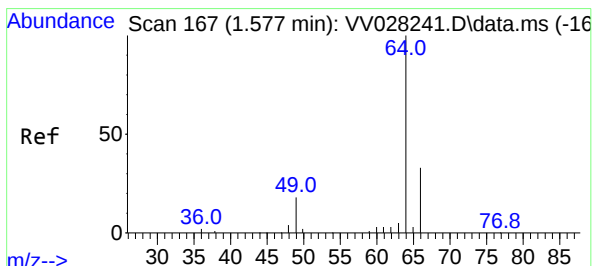
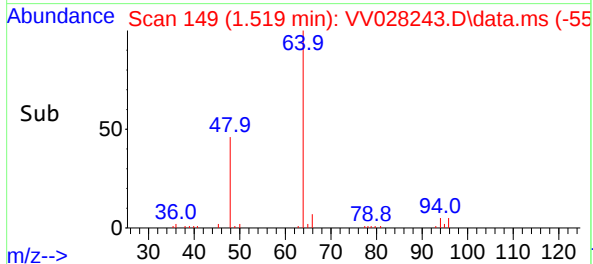
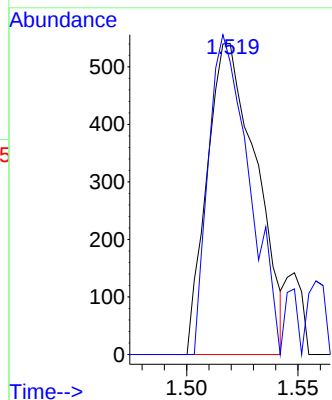
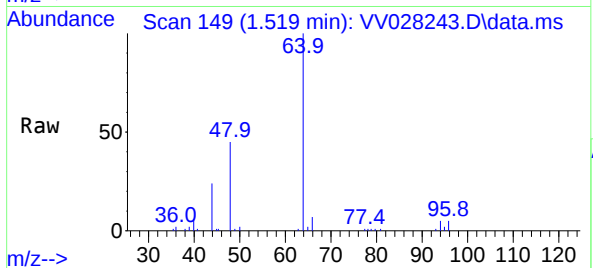




#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.519 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

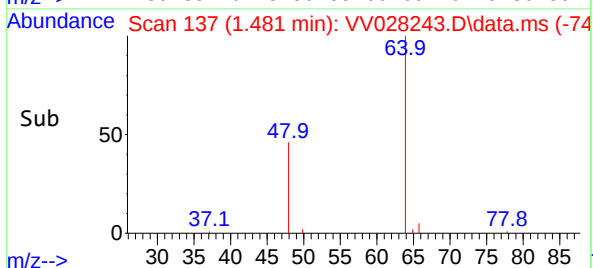
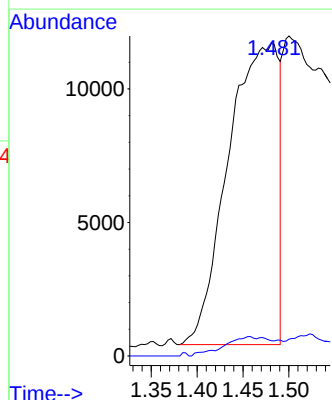
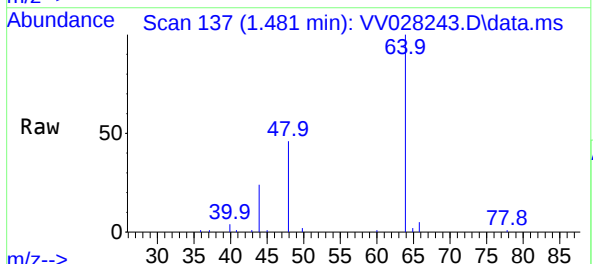
Instrument :
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ClientSampleId :
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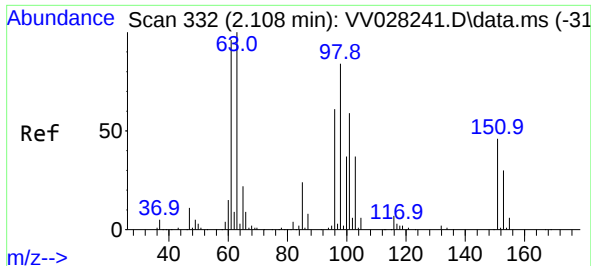
Tgt Ion: 94 Resp: 828
Ion Ratio Lower Upper
94 100
96 94.1 66.7 123.9



#8
Chloroethane
Concen: 4.778 ug/L
RT: 1.481 min Scan# 137
Delta R.T. -0.096 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 64 Resp: 43061
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#

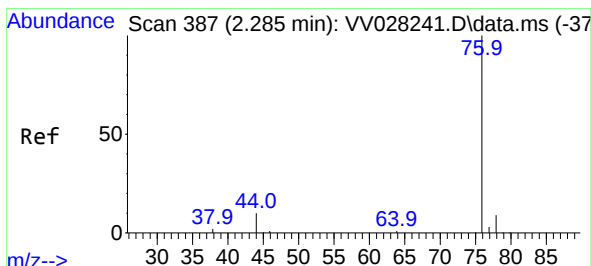
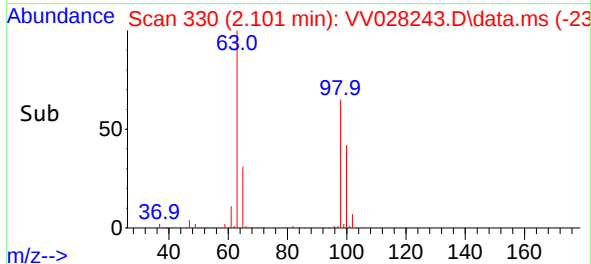
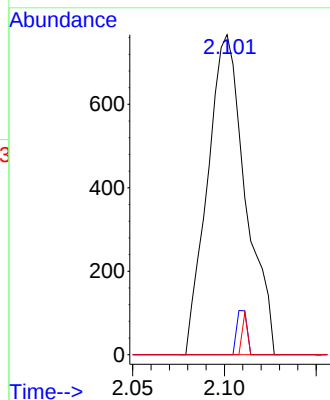
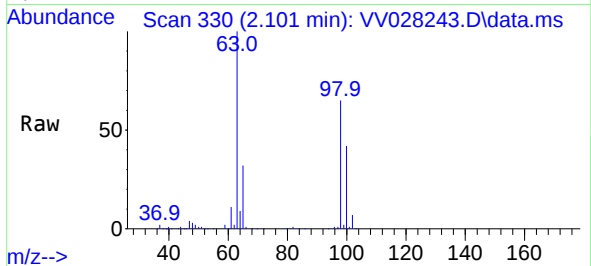




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.101 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

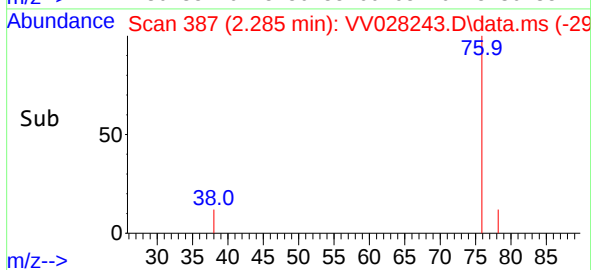
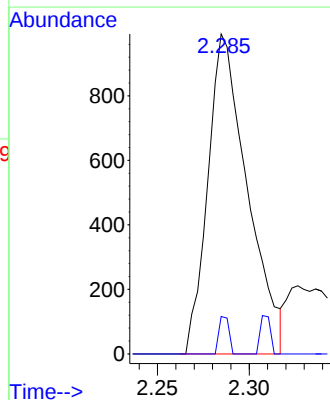
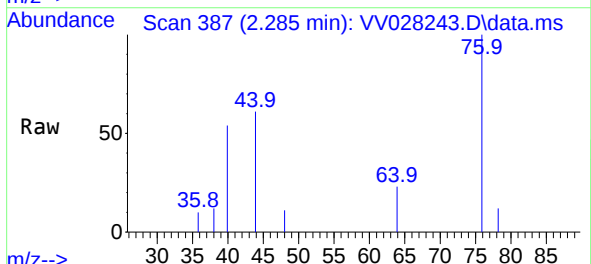
Instrument :
MSVOA_V
ClientSampleId :
EW844DL

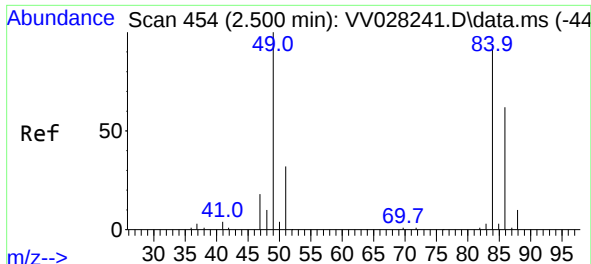
Tgt Ion:101 Resp: 1105
Ion Ratio Lower Upper
101 100
85 3.7 34.4 51.6#
151 1.7 61.1 91.7#



#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 76 Resp: 1484
Ion Ratio Lower Upper
76 100
78 11.7 7.6 11.4#

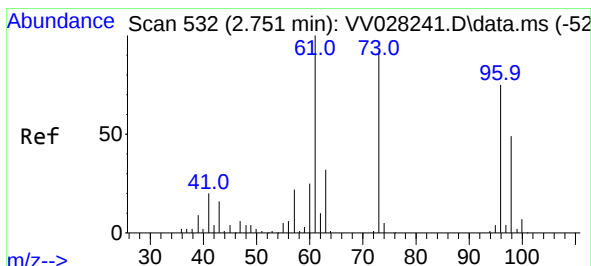
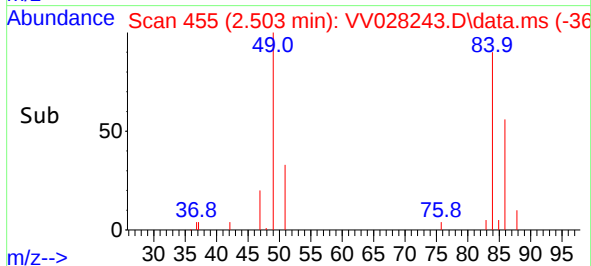
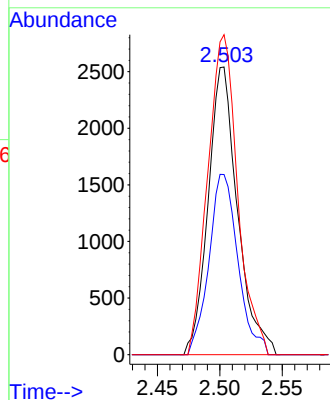
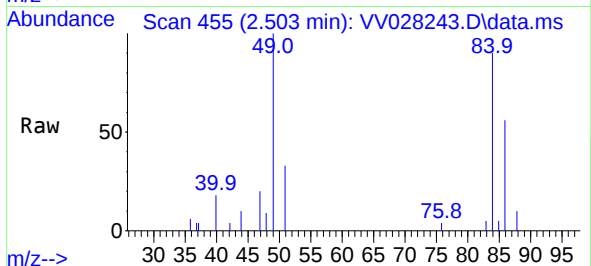




#16
Methylene chloride
Concen: 0.312 ug/L
RT: 2.503 min Scan# 4166
Delta R.T. 0.006 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

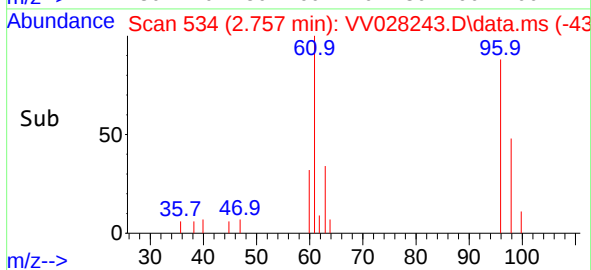
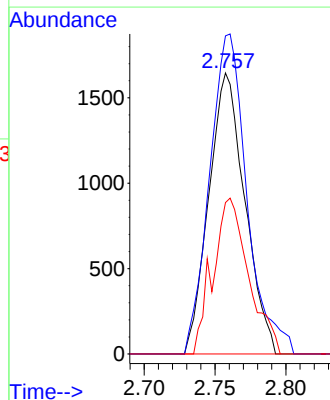
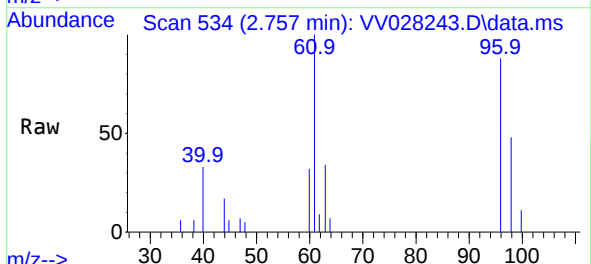
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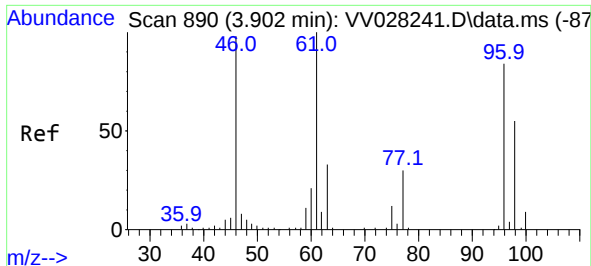
Tgt Ion: 84	Resp: 4166
Ion Ratio	Lower Upper
84 100	
86 62.6	46.8 86.8
49 111.3	87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 96	Resp: 2916
Ion Ratio	Lower Upper
96 100	
61 113.3	96.2 178.6
98 53.9	45.7 84.9

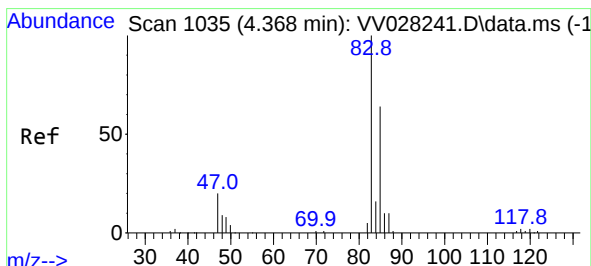
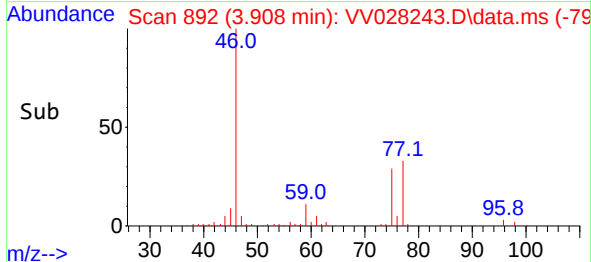
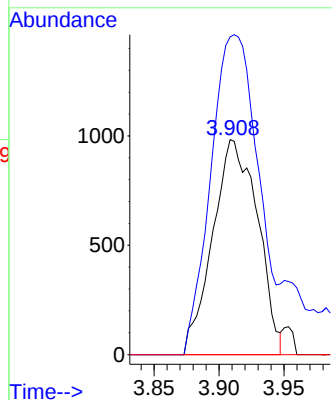
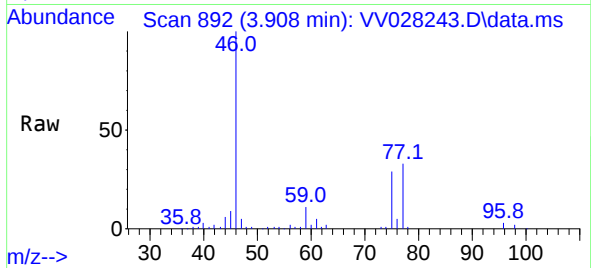




#22
cis-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 3.908 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

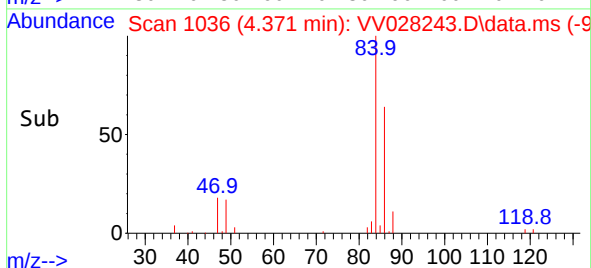
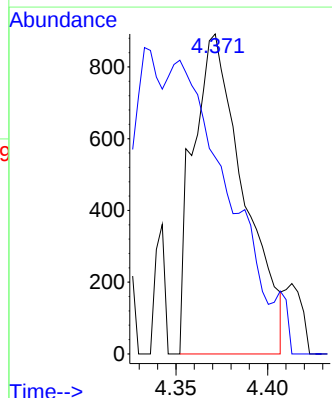
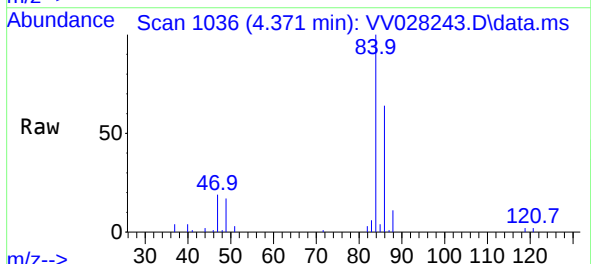
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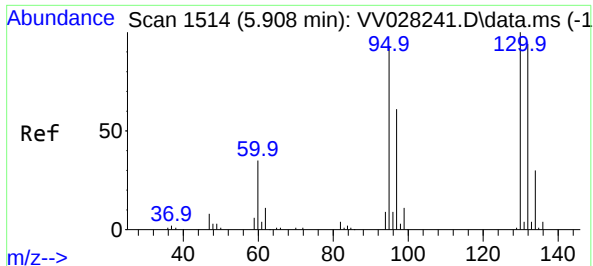
Tgt Ion: 96 Resp: 2366
Ion Ratio Lower Upper
96 100
61 147.8 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.070 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 83 Resp: 1721
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.7

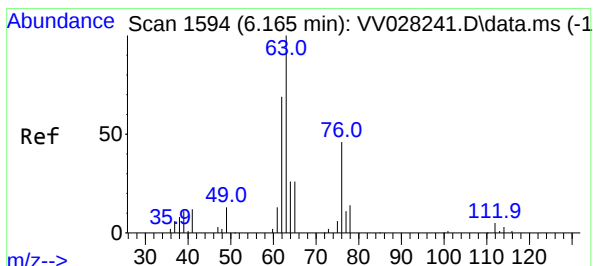
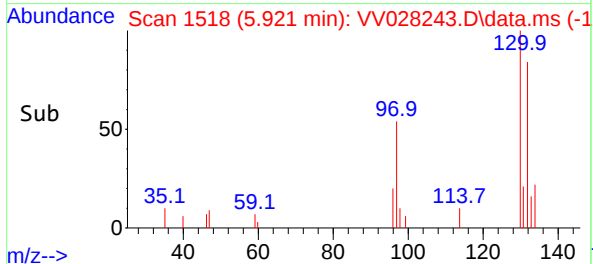
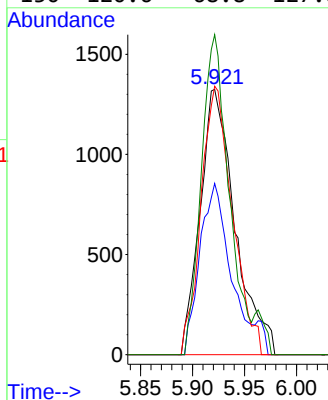
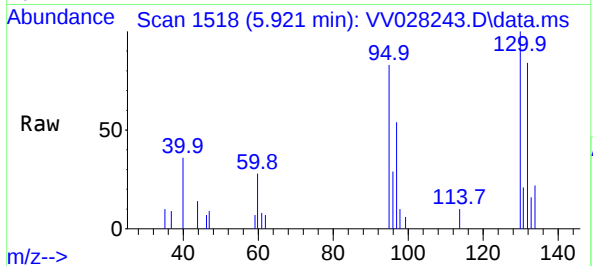




#34
Trichloroethene
Concen: 0.264 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

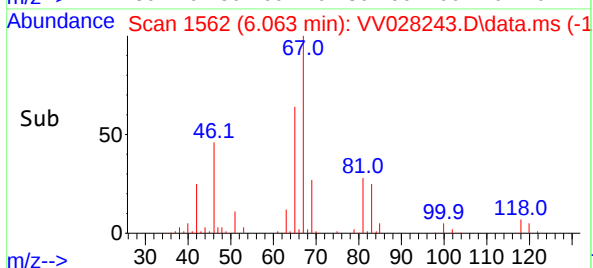
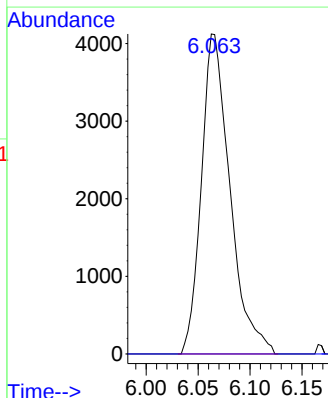
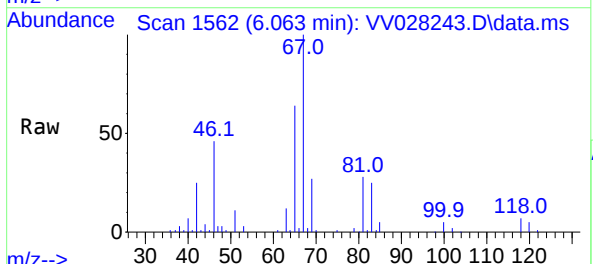
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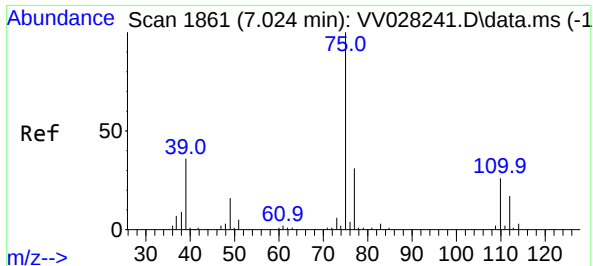
Tgt Ion: 95 Resp: 3100
Ion Ratio Lower Upper
95 100
97 64.5 44.2 82.0
132 101.2 67.8 126.0
130 120.6 68.8 127.8



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 63 Resp: 7894
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV028243.D

Acq: 30 Sep 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

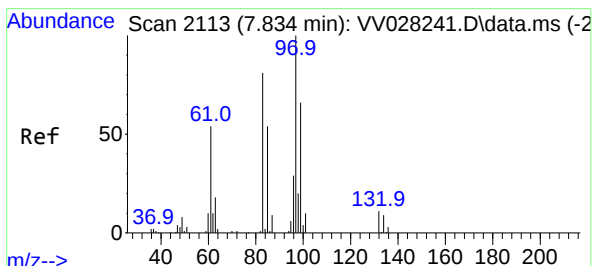
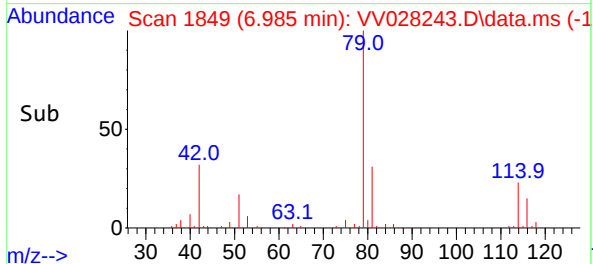
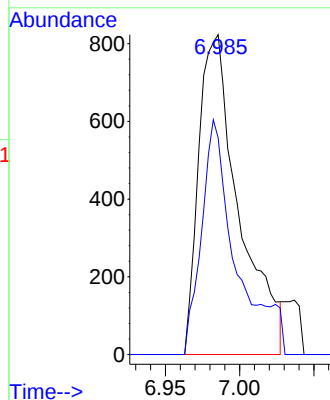
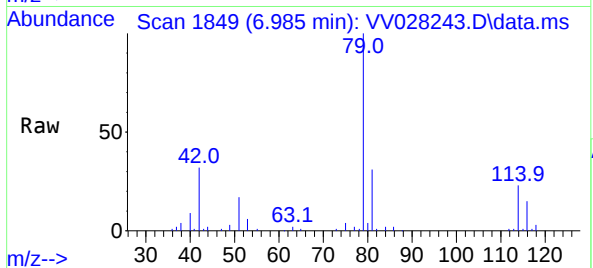
EW844DL

Tgt Ion: 75 Resp: 1553

Ion Ratio Lower Upper

75 100

77 67.8 22.4 41.6#



#45

1,1,2-Trichloroethane

Concen: 0.076 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.135 min

Lab File: VV028243.D

Acq: 30 Sep 2022 22:28

Tgt Ion: 97 Resp: 674

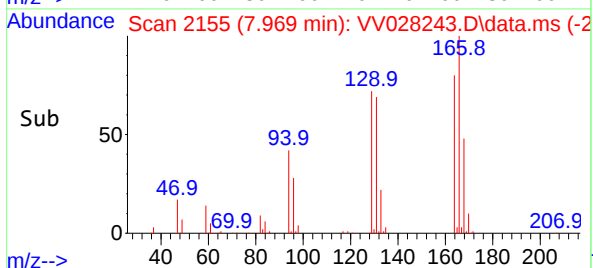
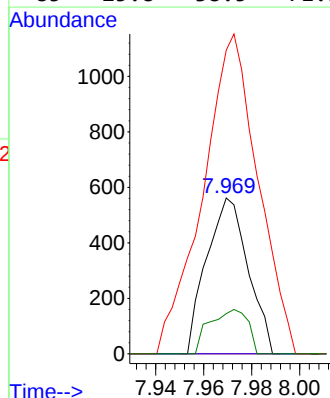
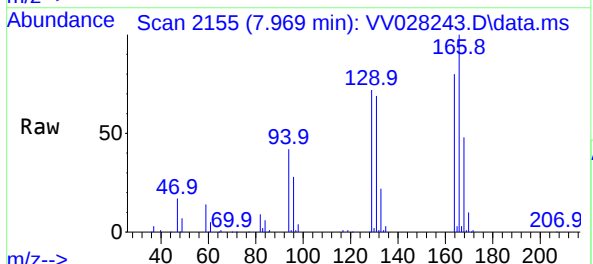
Ion Ratio Lower Upper

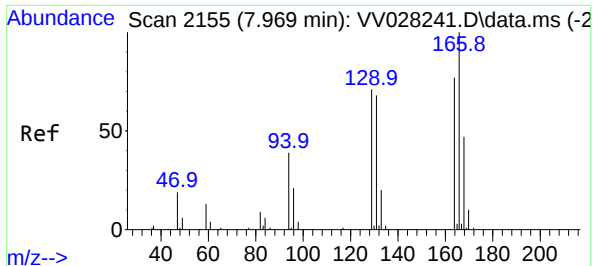
97 100

99 0.0 43.2 80.2#

83 194.8 59.1 109.9#

85 25.8 38.5 71.5#





#47

Tetrachloroethene

Concen: 9.265 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028243.D

Acq: 30 Sep 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

EW844DL

Tgt Ion:164 Resp: 86921

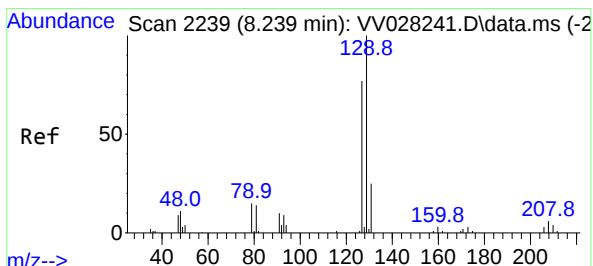
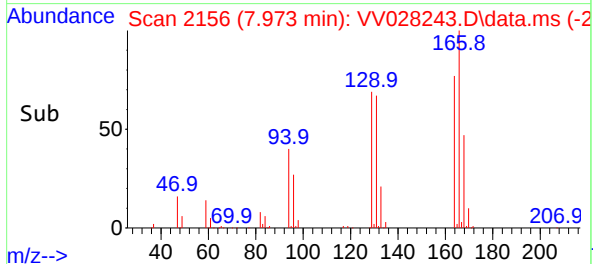
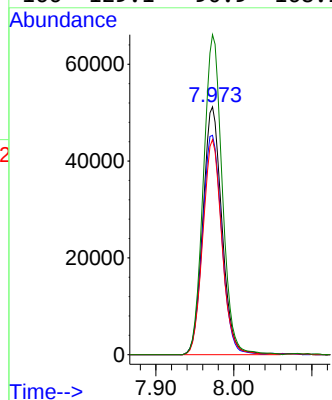
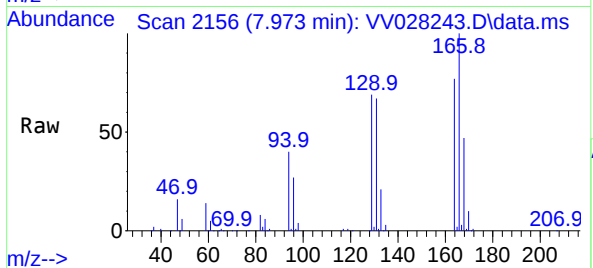
Ion Ratio Lower Upper

164 100

129 88.5 66.7 123.9

131 86.7 61.7 114.5

166 129.1 90.9 168.9



#49

Dibromochloromethane

Concen: 7.136 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028243.D

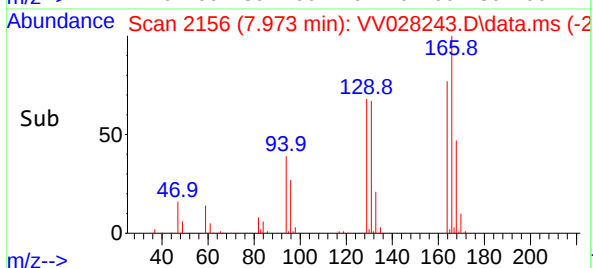
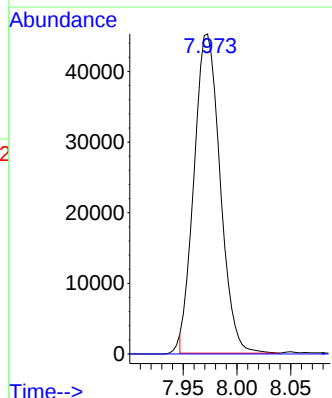
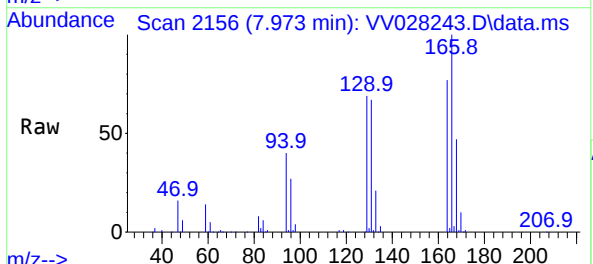
Acq: 30 Sep 2022 22:28

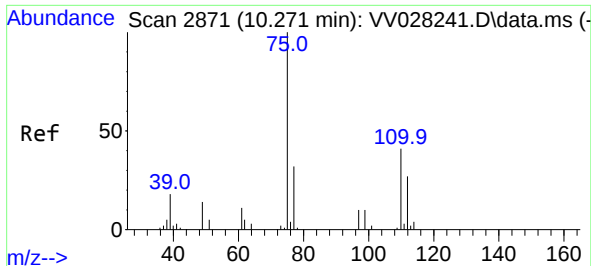
Tgt Ion:129 Resp: 76130

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#





#61

1,2,3-Trichloropropane

Concen: 1.050 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV028243.D

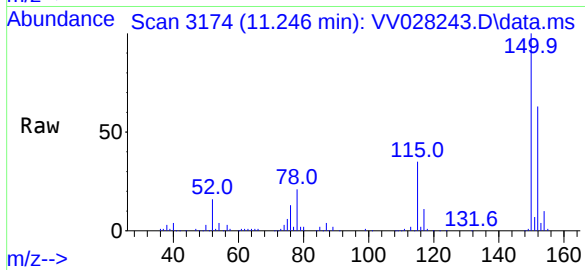
Acq: 30 Sep 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

EW844DL



Tgt Ion: 75 Resp: 6855

Ion Ratio Lower Upper

75 100

77 37.7 26.7 40.1

110 0.6 30.1 45.1#

