

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028244.D
 Acq On : 30 Sep 2022 22:53
 Operator : SY/MD
 Sample : N4865-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW845DL

Quant Time: Oct 01 02:18:29 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	166456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	164120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63552	3.683	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.561	69	57304	4.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.098	63	92966	3.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.905	46	118365	40.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.260%
24) Chloroform-d	4.339	84	127193	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.027	65	58912	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.043	84	245428	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.063	67	75038	4.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.310	98	208547	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.622	79	23614	3.897	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.088	63	113884	45.027	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53444	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	77242	5.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1353	0.082	ug/L #	60
5) Vinyl chloride	1.304	62	788	0.061	ug/L #	1
6) Bromomethane	1.516	94	883	0.105	ug/L	98
8) Chloroethane	1.536	64	1358	0.157	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1055	0.089	ug/L #	28
12) 1,1-Dichloroethene	2.101	96	1086	0.094	ug/L #	1
14) Carbon disulfide	2.285	76	1403	0.064	ug/L #	74
16) Methylene chloride	2.497	84	4146	0.323	ug/L	81
18) trans-1,2-Dichloroethene	2.754	96	2630	0.261	ug/L	84
22) cis-1,2-Dichloroethene	3.905	96	2431	0.184	ug/L	86
25) Chloroform	4.365	83	2777	0.118	ug/L	90
34) Trichloroethene	5.918	95	2812	0.248	ug/L	85
35) Methylcyclohexane	6.063	83	18454	1.186	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8506	0.666	ug/L #	87
39) cis-1,3-Dichloropropene	6.986	75	1499	0.094	ug/L #	63
45) 1,1,2-Trichloroethane	7.963	97	598	0.070	ug/L #	2
47) Tetrachloroethene	7.973	164	86454	9.547	ug/L	98
49) Dibromochloromethane	7.969	129	75124	7.296	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6938	1.102	ug/L #	68

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

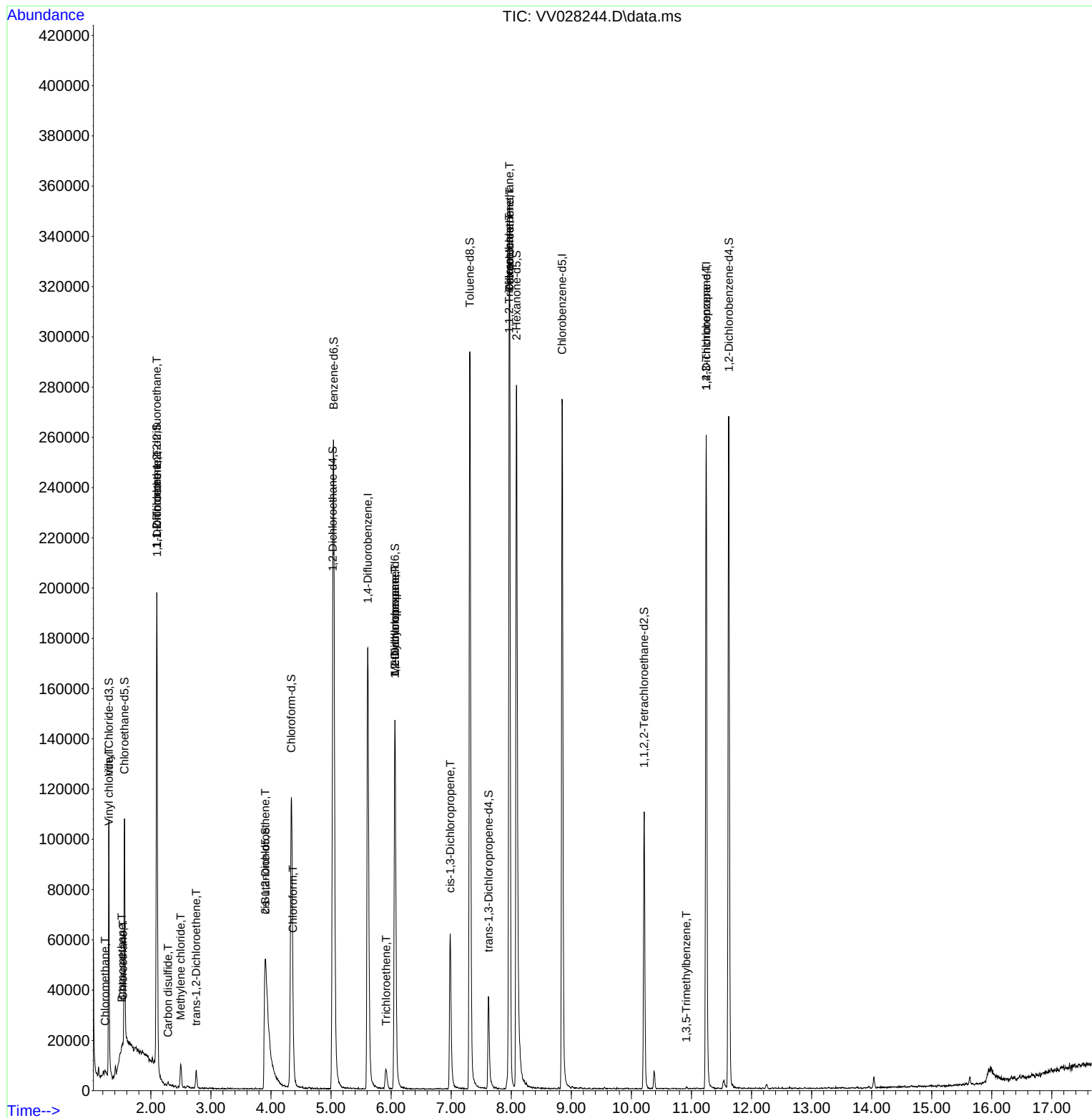
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.915	105	438	0.035	ug/L	# 81

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

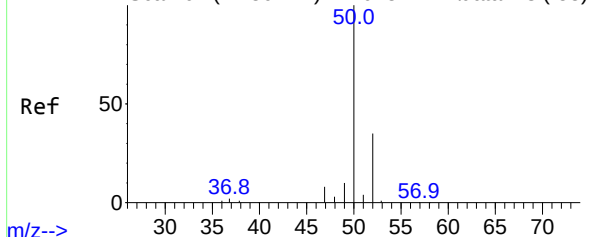
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
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Response via : Initial Calibration



Abundance Scan 61 (1.236 min): VV028241.D\data.ms (-53)



#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.237 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

EW845DL

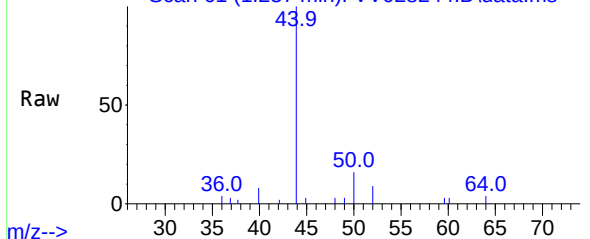
Tgt Ion: 50 Resp: 1353

Ion Ratio Lower Upper

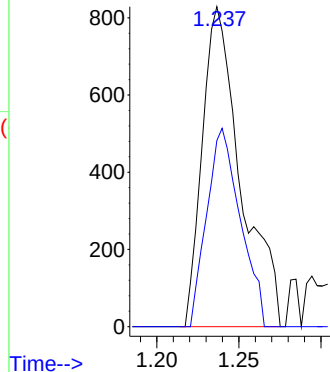
50 100

52 58.1 24.4 45.2#

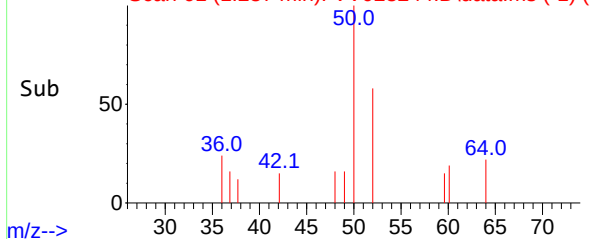
Abundance Scan 61 (1.237 min): VV028244.D\data.ms



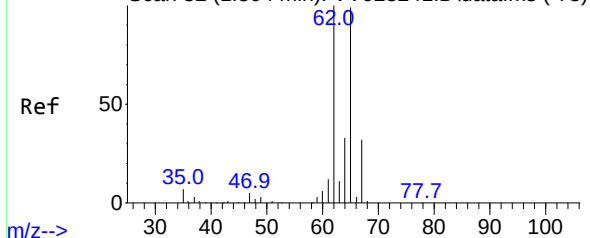
Abundance



Abundance Scan 61 (1.237 min): VV028244.D\data.ms (-1) (



Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-73)



#5

Vinyl chloride

Concen: 0.061 ug/L

RT: 1.304 min Scan# 82

Delta R.T. 0.000 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

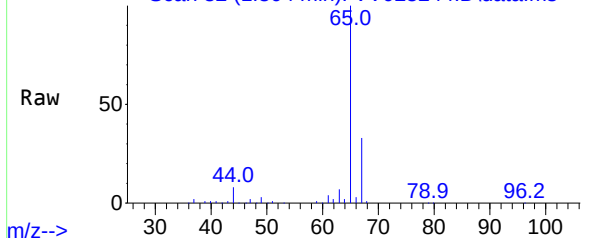
Tgt Ion: 62 Resp: 788

Ion Ratio Lower Upper

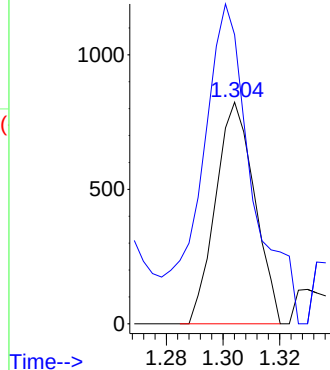
62 100

64 130.5 23.0 42.8#

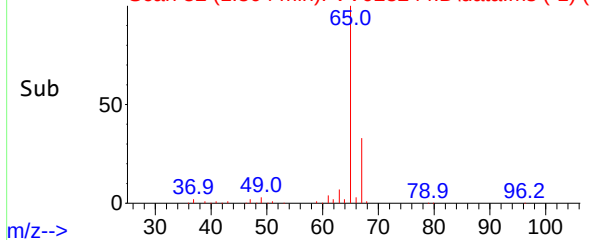
Abundance Scan 82 (1.304 min): VV028244.D\data.ms

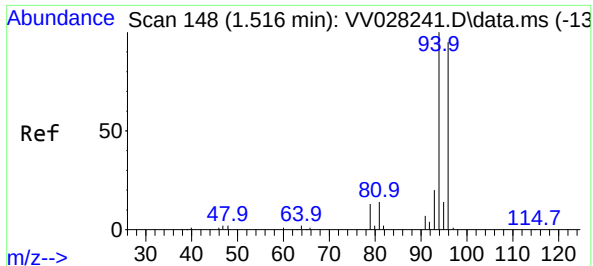


Abundance



Abundance Scan 82 (1.304 min): VV028244.D\data.ms (-1) (

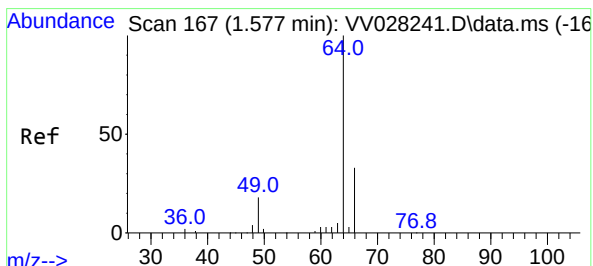
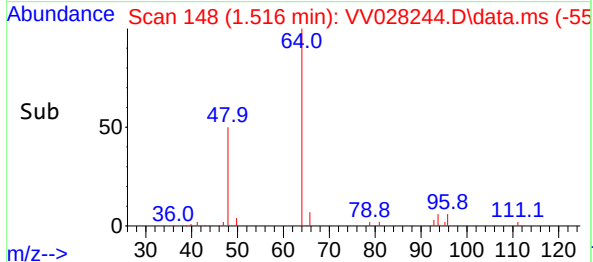
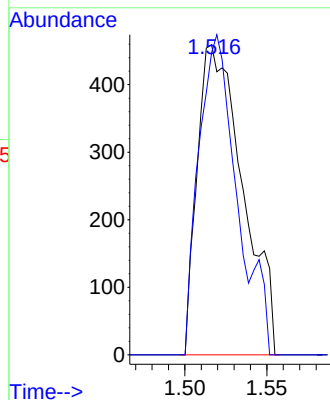
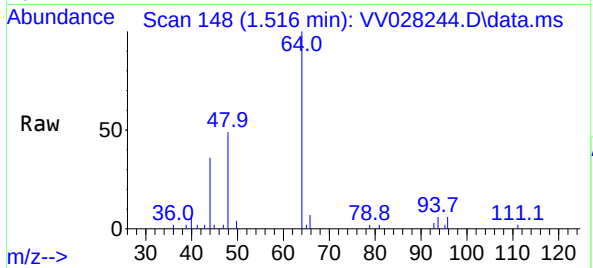




#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

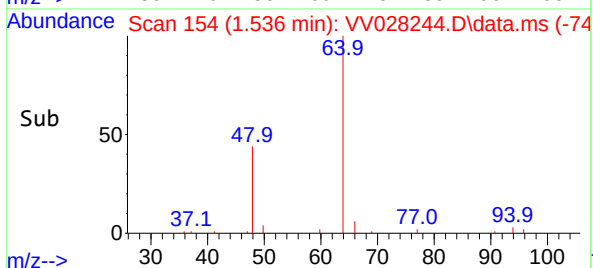
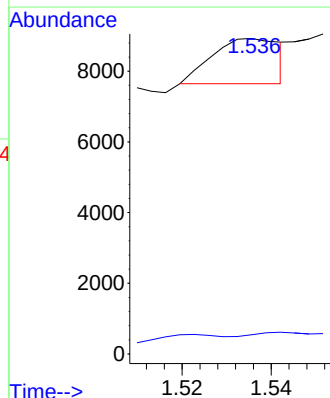
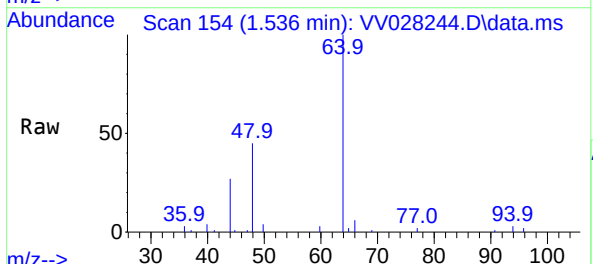
Instrument :
MSVOA_V
ClientSampleId :
EW845DL

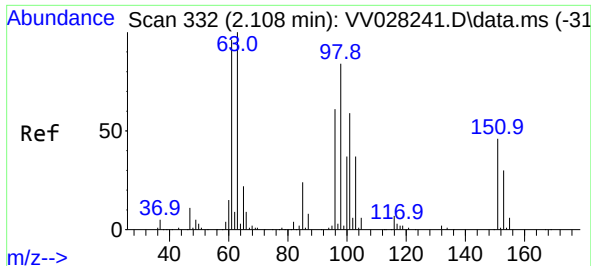
Tgt Ion: 94 Resp: 883
Ion Ratio Lower Upper
94 100
96 97.4 66.7 123.9



#8
Chloroethane
Concen: 0.157 ug/L
RT: 1.536 min Scan# 154
Delta R.T. -0.042 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

Tgt Ion: 64 Resp: 1358
Ion Ratio Lower Upper
64 100
66 6.1 23.0 42.8#

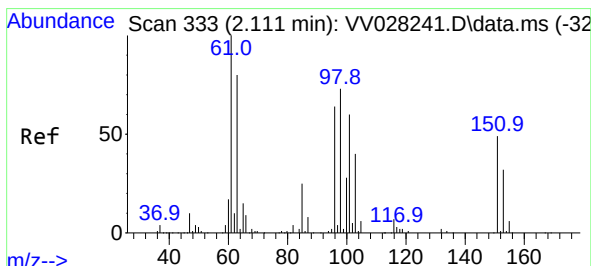
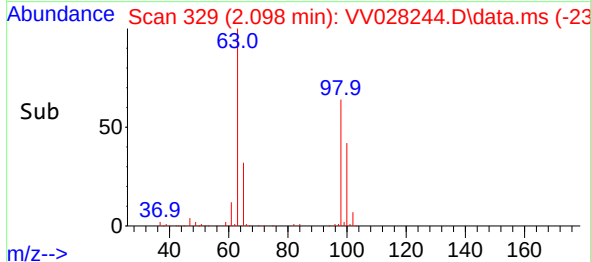
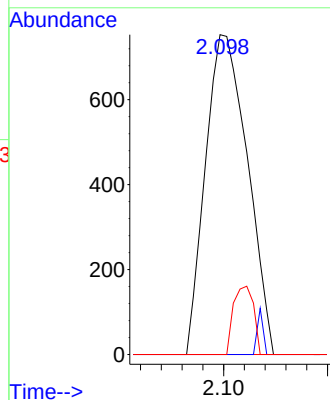
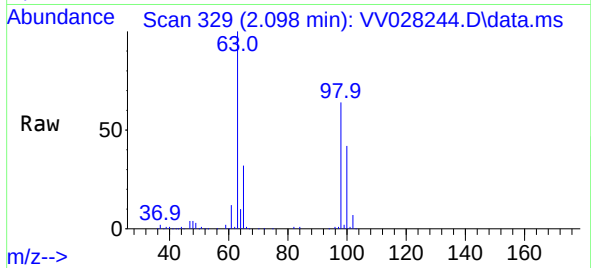




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

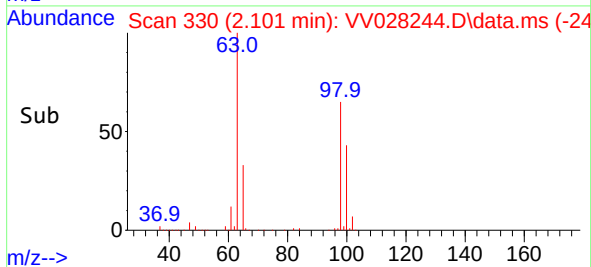
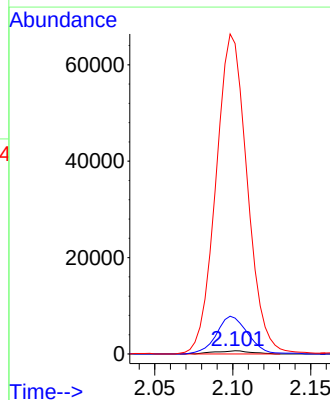
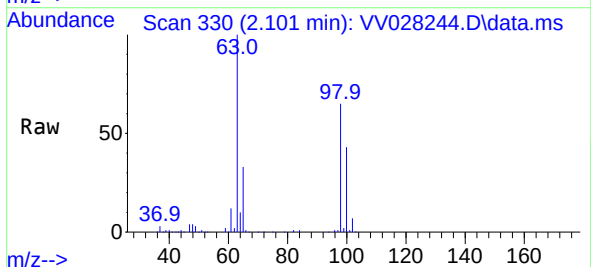
Instrument :
MSVOA_V
ClientSampleId :
EW845DL

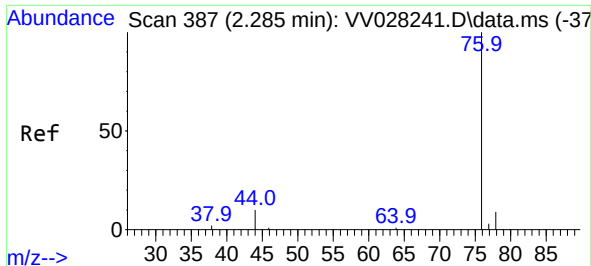
Tgt Ion:101 Resp: 1055
Ion Ratio Lower Upper
101 100
85 2.0 34.4 51.6#
151 10.2 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

Tgt Ion: 96 Resp: 1086
Ion Ratio Lower Upper
96 100
61 1088.4 128.3 238.3#
63 9432.5 112.7 209.3#

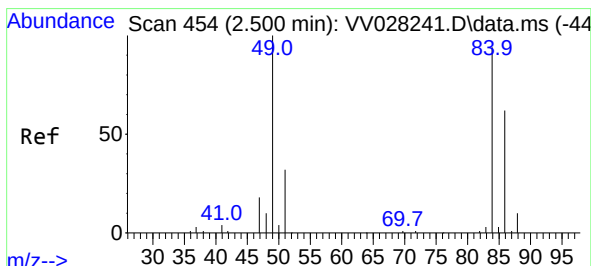
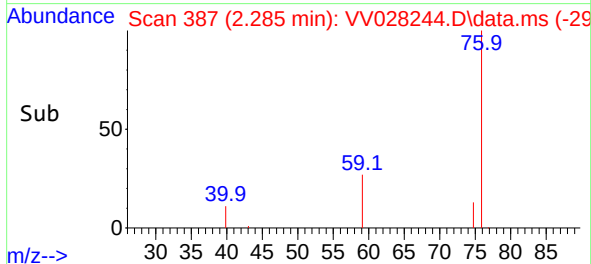
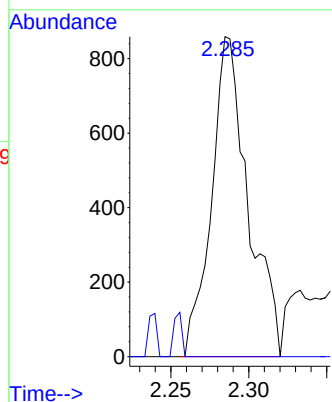
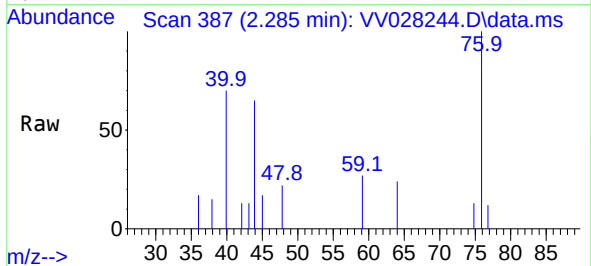




#14
Carbon disulfide
Concen: 0.064 ug/L
RT: 2.285 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

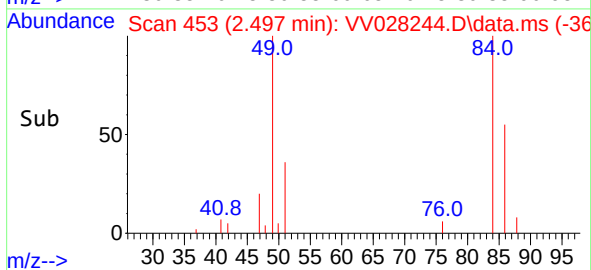
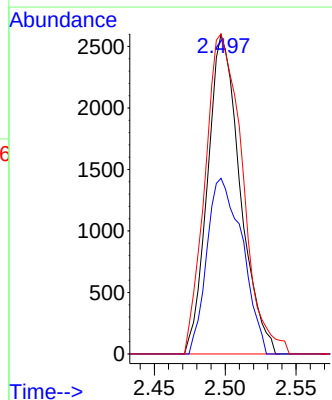
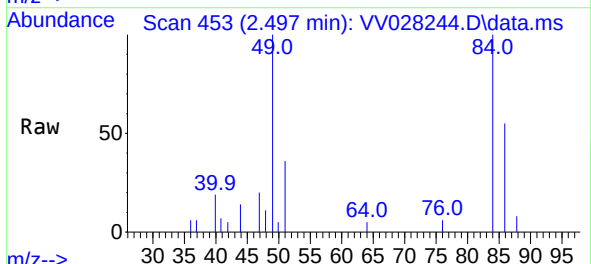
Instrument :
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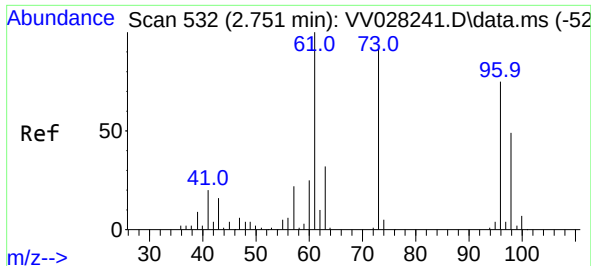
Tgt Ion: 76 Resp: 1403
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#16
Methylene chloride
Concen: 0.323 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

Tgt Ion: 84 Resp: 4146
Ion Ratio Lower Upper
84 100
86 55.0 46.8 86.8
49 100.2 87.5 162.5

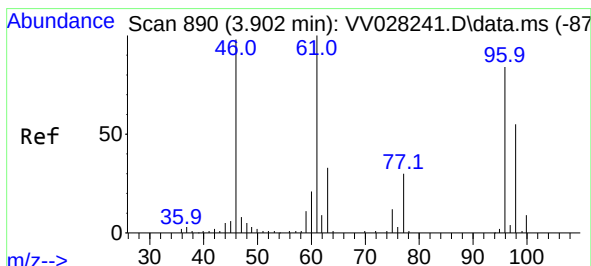
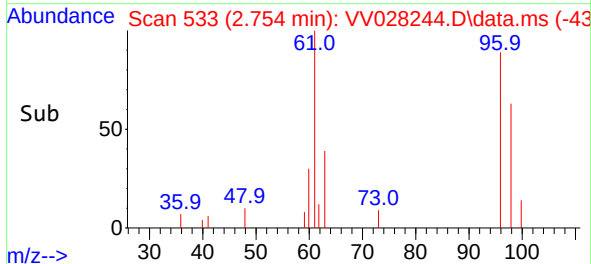
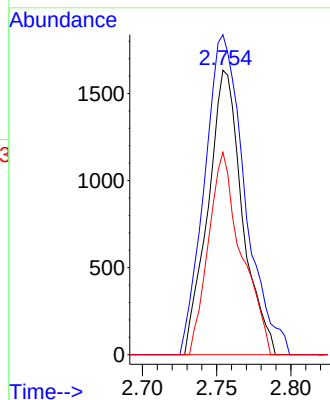
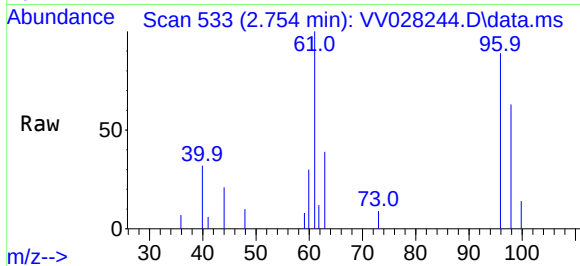




#18
trans-1,2-Dichloroethene
Concen: 0.261 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

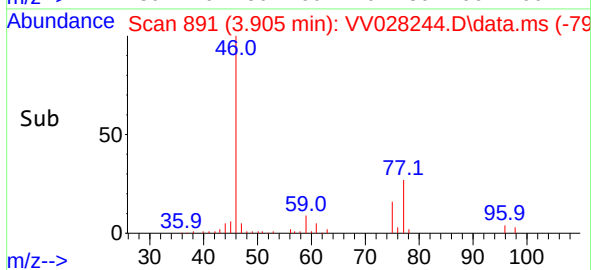
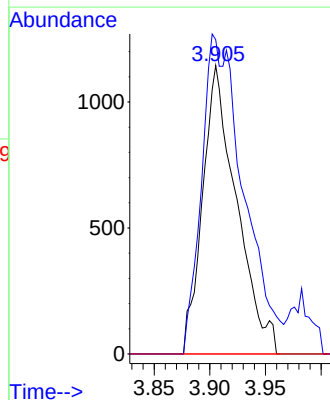
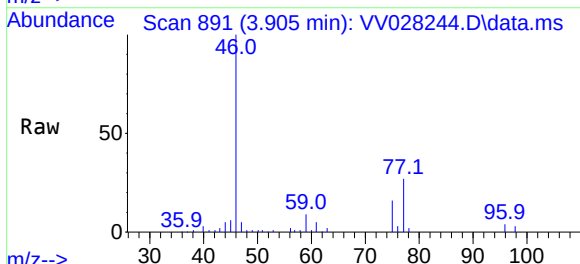
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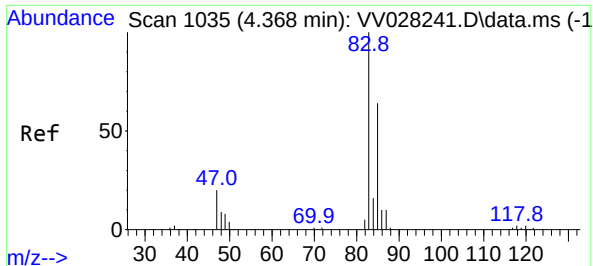
Tgt Ion: 96 Resp: 2630
Ion Ratio Lower Upper
96 100
61 112.5 96.2 178.6
98 71.2 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

Tgt Ion: 96 Resp: 2431
Ion Ratio Lower Upper
96 100
61 108.9 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.118 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

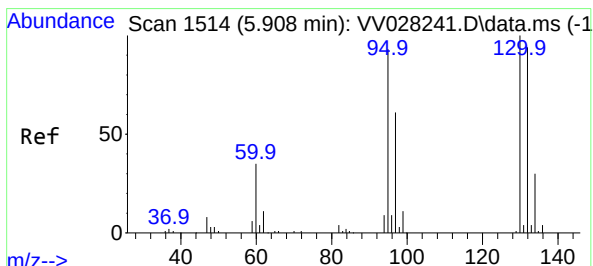
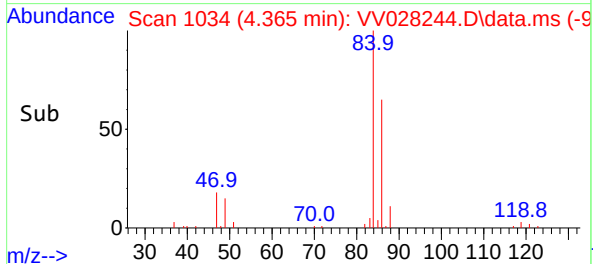
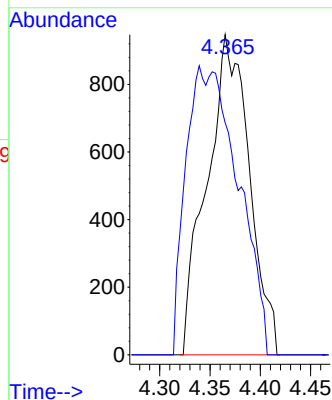
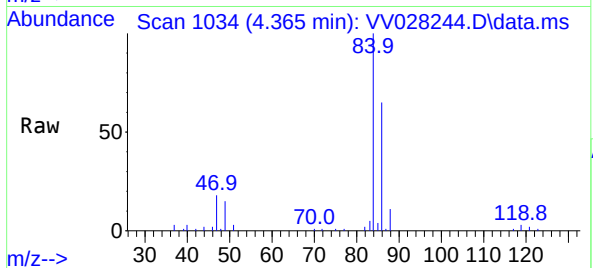
EW845DL

Tgt Ion: 83 Resp: 2777

Ion Ratio Lower Upper

83 100

85 72.4 45.1 83.7



#34

Trichloroethene

Concen: 0.248 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.013 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Tgt Ion: 95 Resp: 2812

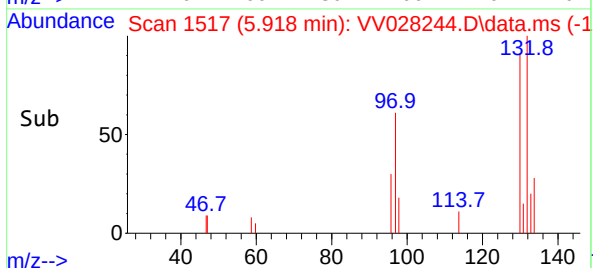
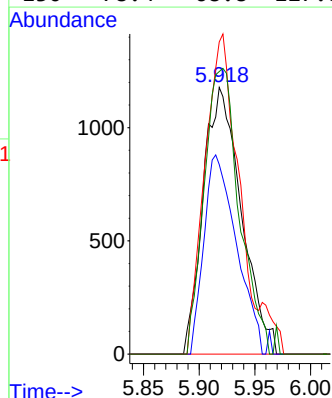
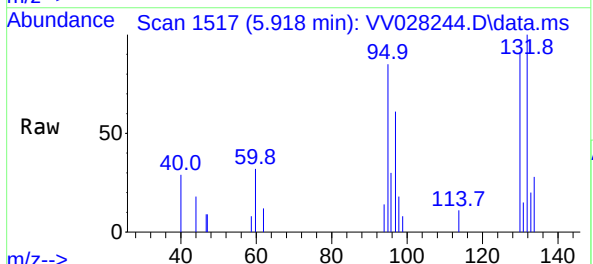
Ion Ratio Lower Upper

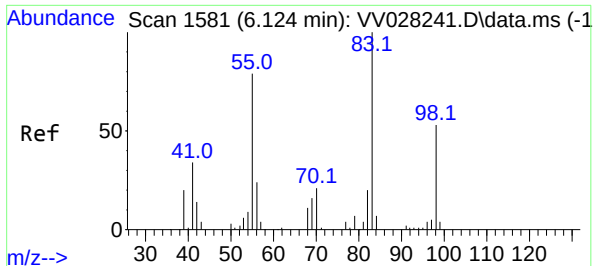
95 100

97 52.6 44.2 82.0

132 86.7 67.8 126.0

130 78.4 68.8 127.8





#35

Methylcyclohexane

Concen: 1.186 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

EW845DL

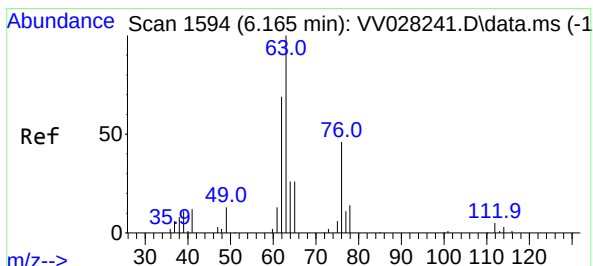
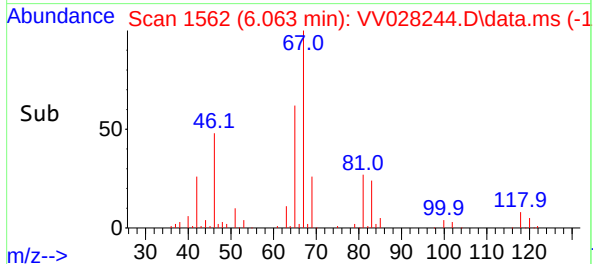
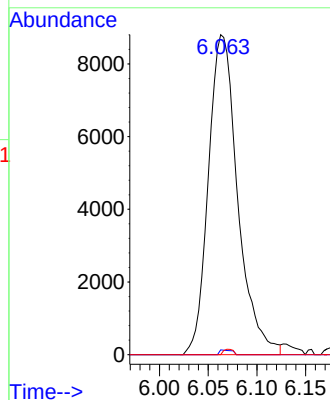
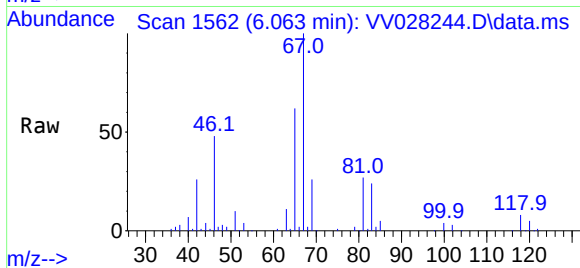
Tgt Ion: 83 Resp: 18454

Ion Ratio Lower Upper

83 100

55 0.6 64.7 97.1#

98 0.6 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.666 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028244.D

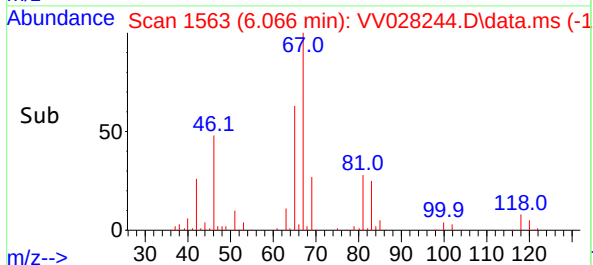
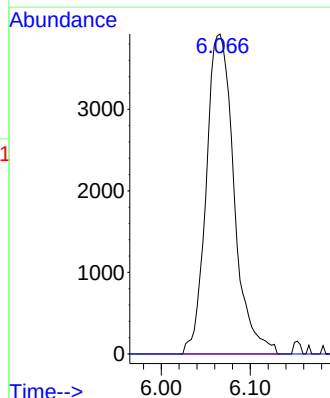
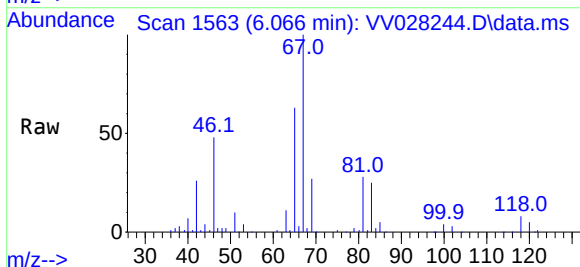
Acq: 30 Sep 2022 22:53

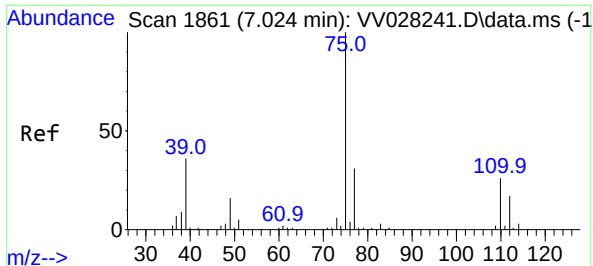
Tgt Ion: 63 Resp: 8506

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

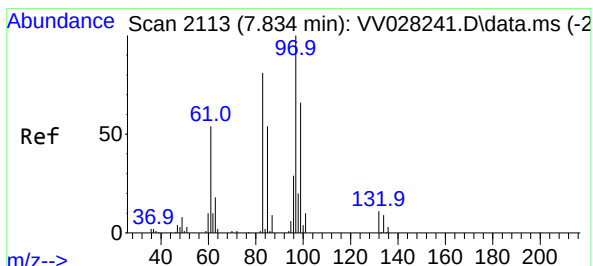
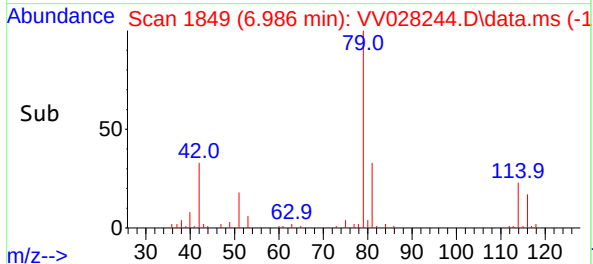
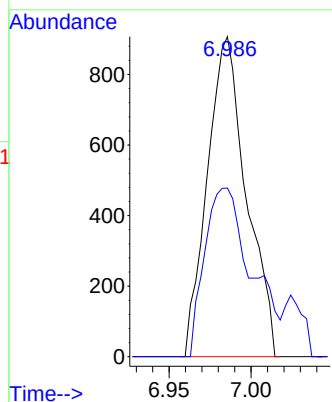
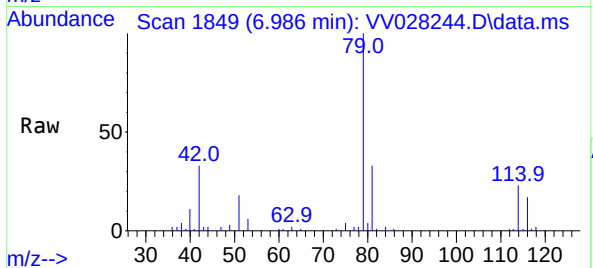




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.986 min Scan# 11
Delta R.T. -0.035 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

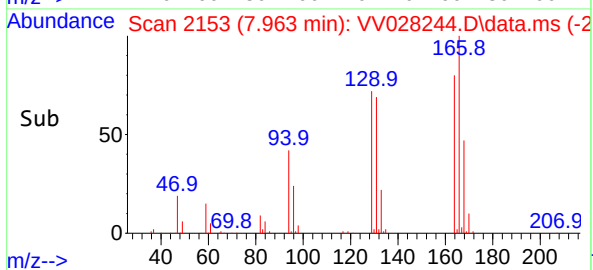
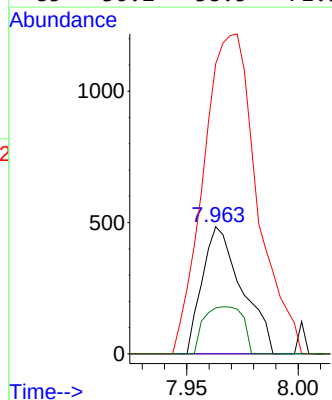
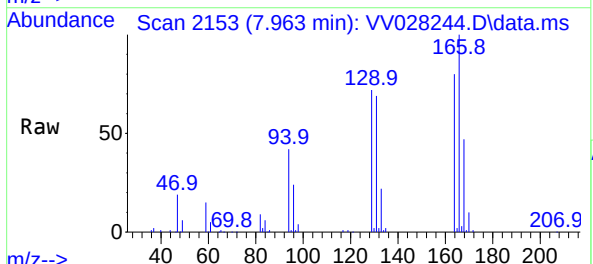
Instrument :
MSVOA_V
ClientSampleId :
EW845DL

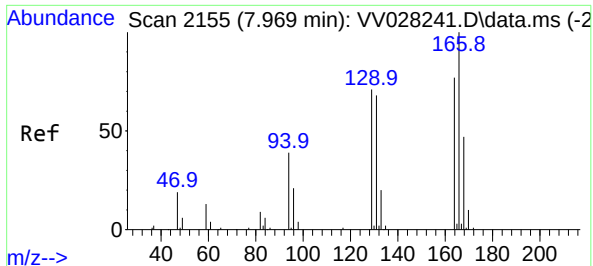
Tgt Ion: 75 Resp: 1499
Ion Ratio Lower Upper
75 100
77 52.7 22.4 41.6#



#45
1,1,2-Trichloroethane
Concen: 0.070 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. 0.129 min
Lab File: VV028244.D
Acq: 30 Sep 2022 22:53

Tgt Ion: 97 Resp: 598
Ion Ratio Lower Upper
97 100
99 0.0 43.2 80.2#
83 228.1 59.1 109.9#
85 36.2 38.5 71.5#





#47

Tetrachloroethene

Concen: 9.547 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

EW845DL

Tgt Ion:164 Resp: 86454

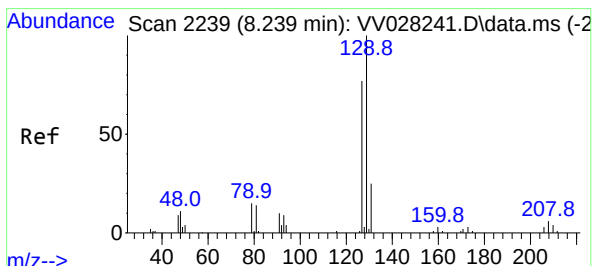
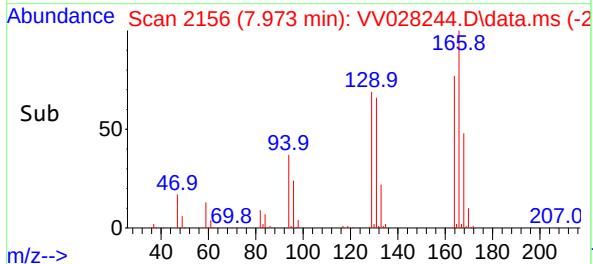
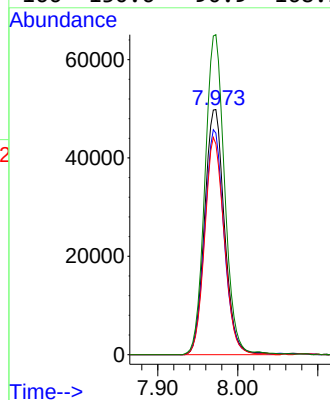
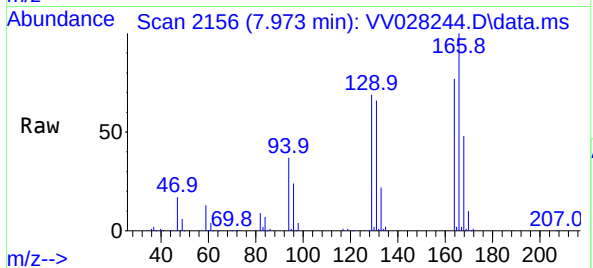
Ion Ratio Lower Upper

164 100

129 90.4 66.7 123.9

131 86.0 61.7 114.5

166 130.6 90.9 168.9



#49

Dibromochloromethane

Concen: 7.296 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028244.D

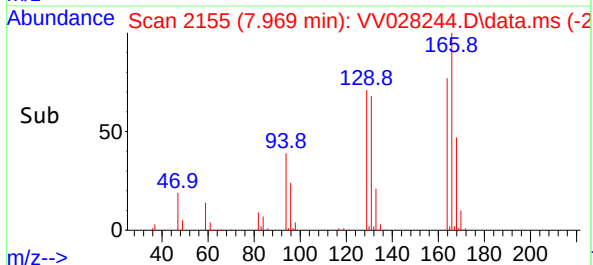
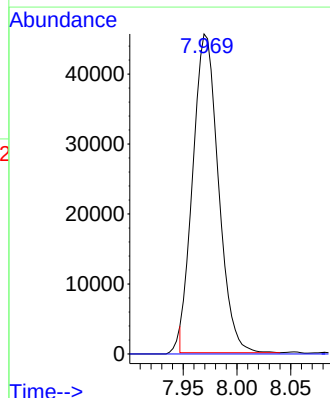
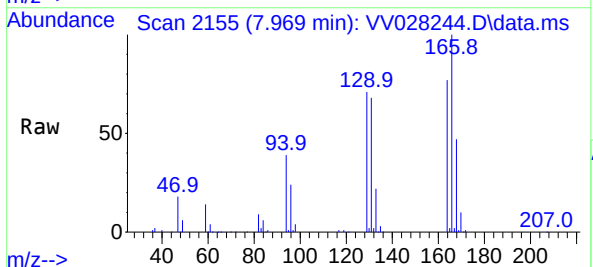
Acq: 30 Sep 2022 22:53

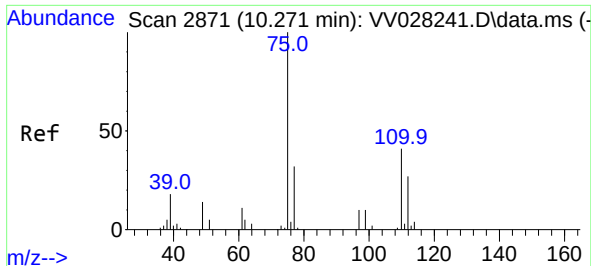
Tgt Ion:129 Resp: 75124

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#





#61

1,2,3-Trichloropropane

Concen: 1.102 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

EW845DL

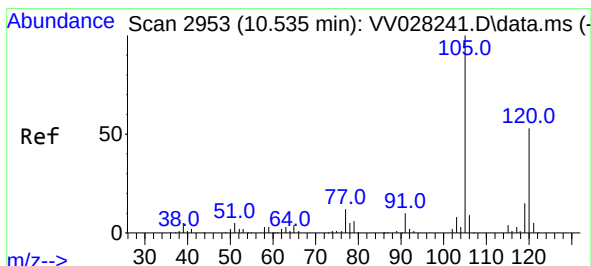
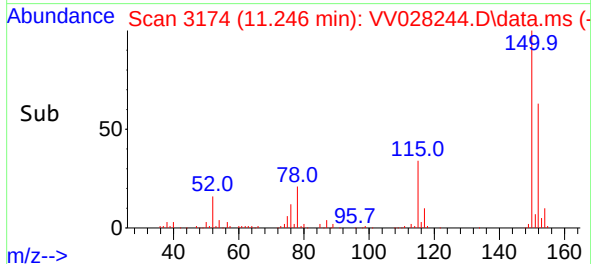
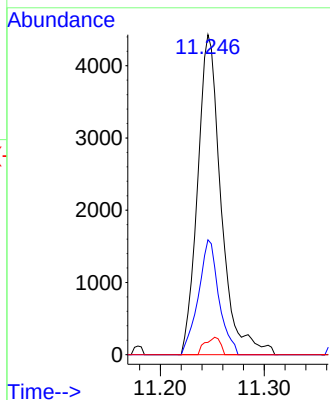
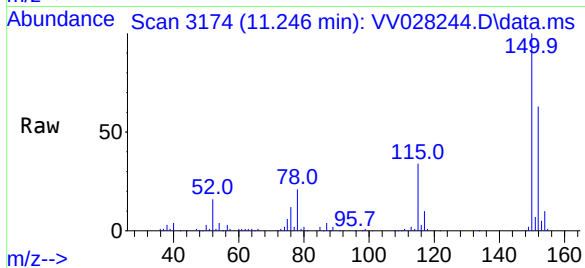
Tgt Ion: 75 Resp: 6938

Ion Ratio Lower Upper

75 100

77 31.5 26.7 40.1

110 3.5 30.1 45.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.035 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.379 min

Lab File: VV028244.D

Acq: 30 Sep 2022 22:53

Tgt Ion: 105 Resp: 438

Ion Ratio Lower Upper

105 100

120 64.2 40.6 61.0#

