

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028227.D
 Acq On : 30 Sep 2022 15:17
 Operator : SY/MD
 Sample : N4870-9DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H46DL

Quant Time: Sep 30 22:58:59 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	5.609	114	168894	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68984	3.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.561	69	59992	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.098	63	101034	3.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.899	46	132519	44.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.660%
24) Chloroform-d	4.339	84	130763	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.027	65	60348	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.043	84	257501	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.063	67	78143	4.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.310	98	219186	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.619	79	24346	3.950	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.085	63	115855	45.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	54853	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	79592	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	886	0.053	ug/L	92
5) Vinyl chloride	1.304	62	1543	0.118	ug/L #	20
6) Bromomethane	1.516	94	736	0.086	ug/L	96
8) Chloroethane	1.507	64	32442	3.694	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1195	0.100	ug/L #	20
12) 1,1-Dichloroethene	2.101	96	1032	0.088	ug/L #	1
14) Carbon disulfide	2.288	76	1526	0.068	ug/L #	87
17) Methyl tert-butyl Ether	2.767	73	1001	0.040	ug/L	92
18) trans-1,2-Dichloroethene	2.761	96	659	0.064	ug/L #	72
22) cis-1,2-Dichloroethene	3.902	96	4474	0.334	ug/L	83
25) Chloroform	4.365	83	2067	0.086	ug/L #	62
34) Trichloroethene	5.915	95	3744	0.324	ug/L	93
35) Methylcyclohexane	6.066	83	19570	1.237	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8078	0.622	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1598	0.099	ug/L	87
47) Tetrachloroethene	7.973	164	58914	6.396	ug/L	97
49) Dibromochloromethane	7.969	129	50877	4.858	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7259	1.095	ug/L #	67

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

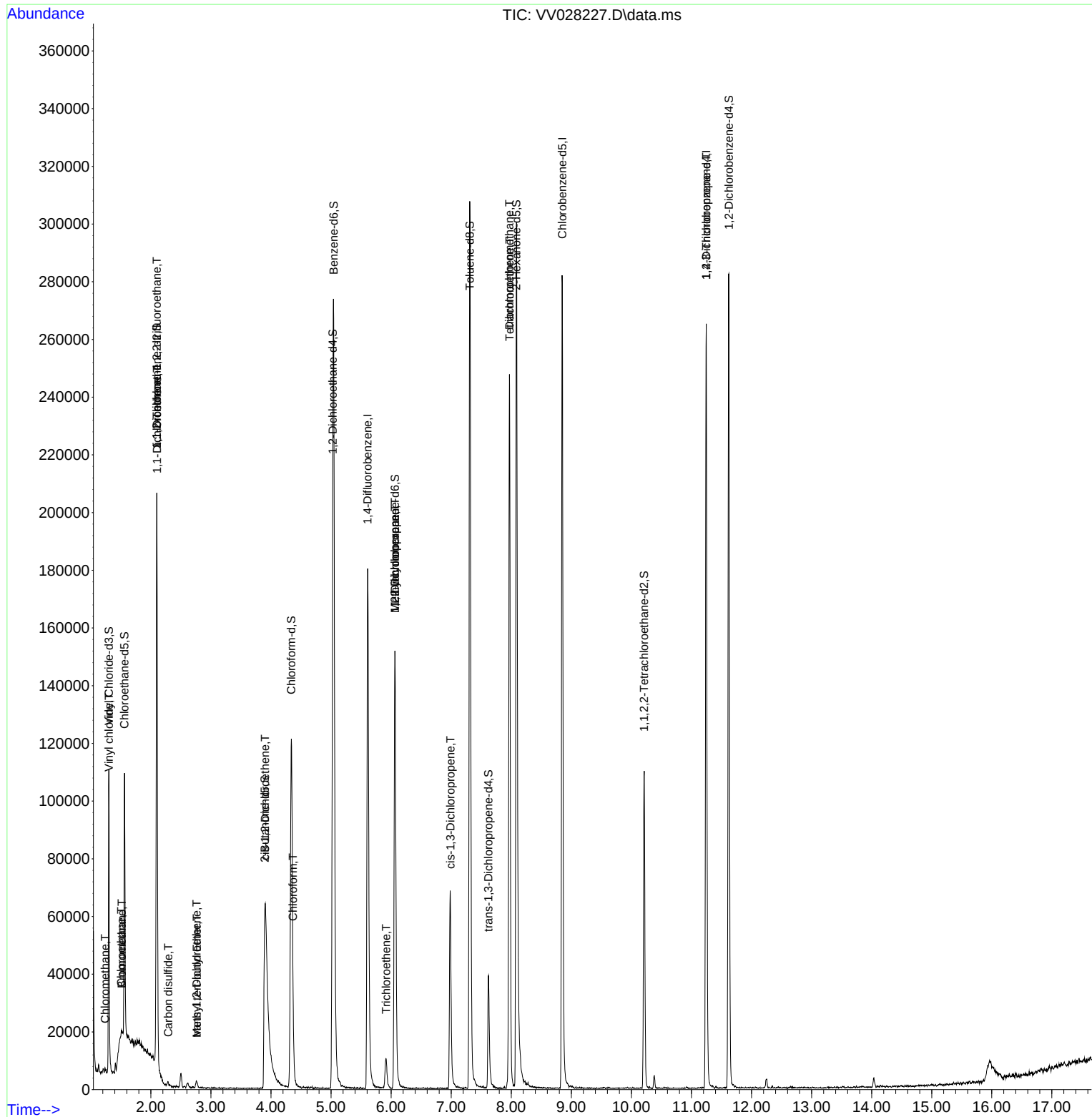
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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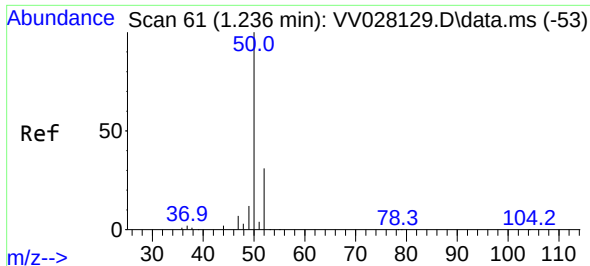
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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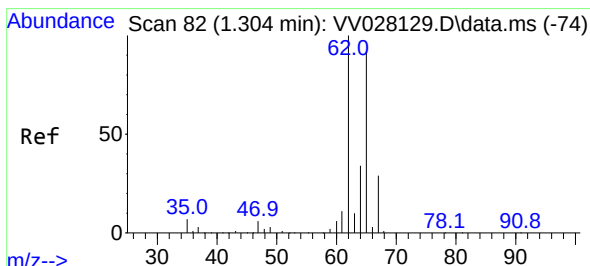
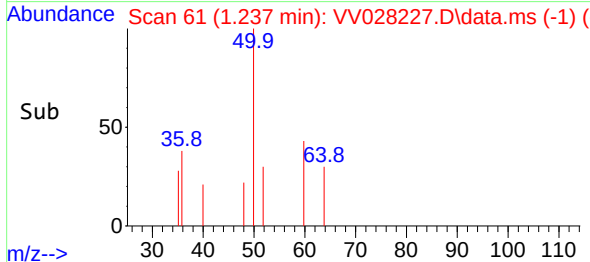
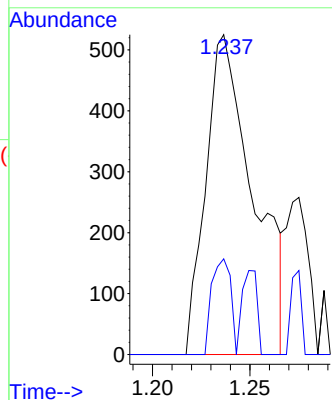
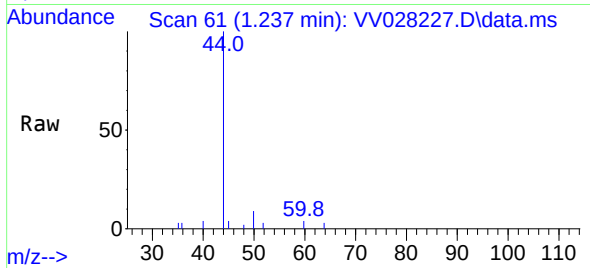




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

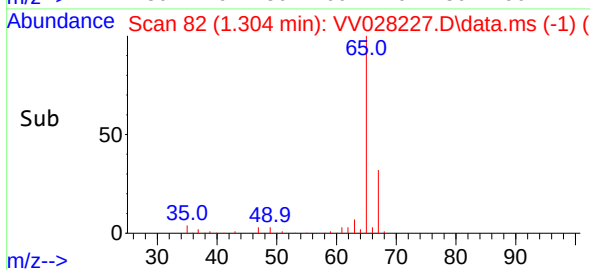
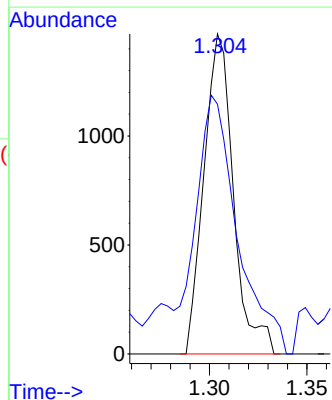
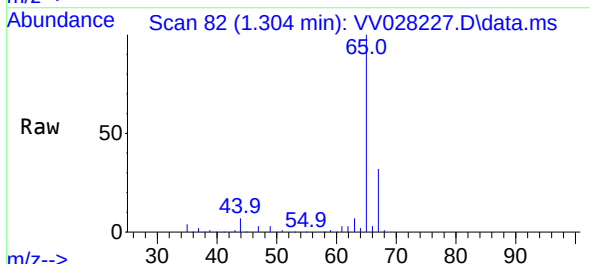
Instrument :
MSVOA_V
ClientSampleId :
F5H46DL

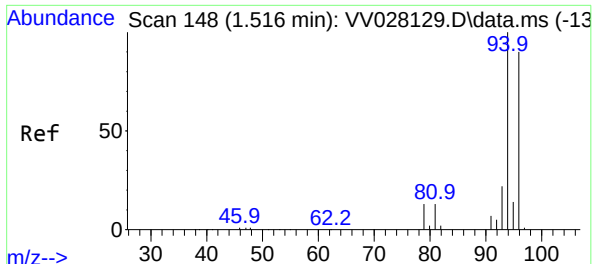
Tgt Ion: 50 Resp: 886
Ion Ratio Lower Upper
50 100
52 29.9 24.4 45.2



#5
Vinyl chloride
Concen: 0.118 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

Tgt Ion: 62 Resp: 1543
Ion Ratio Lower Upper
62 100
64 78.1 23.0 42.8#

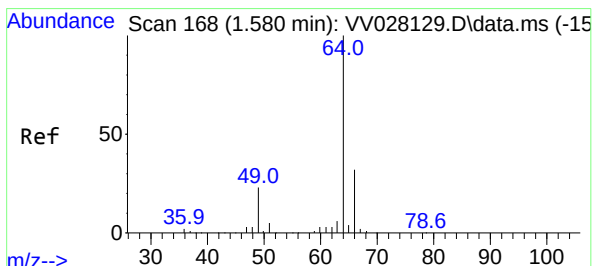
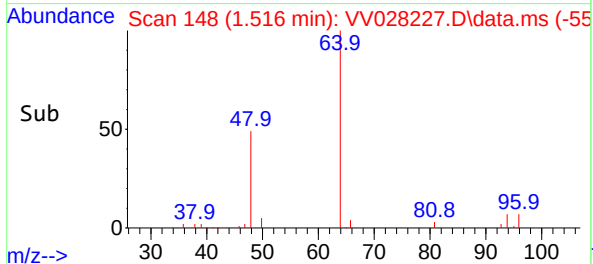
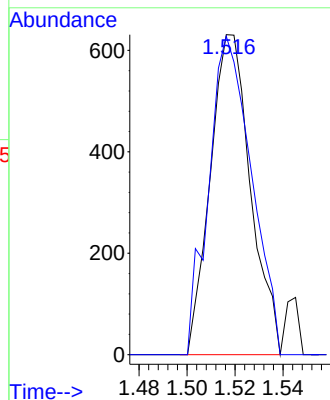
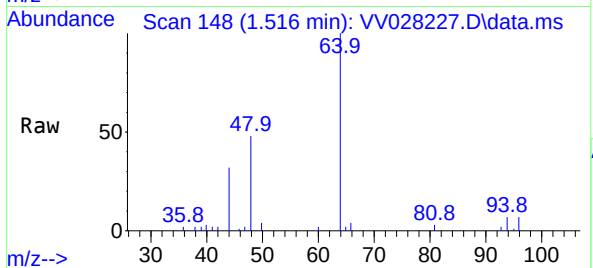




#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

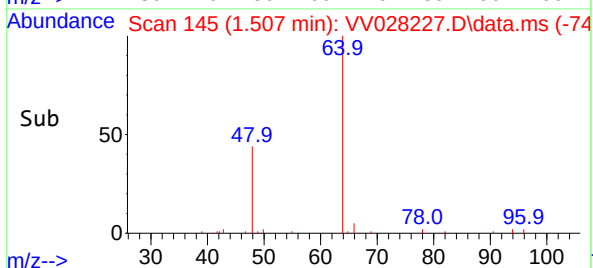
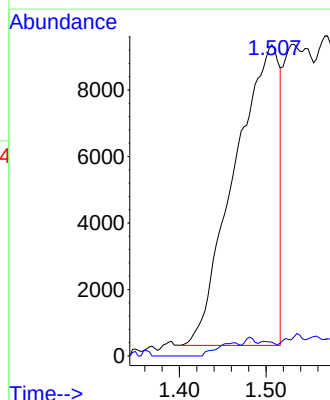
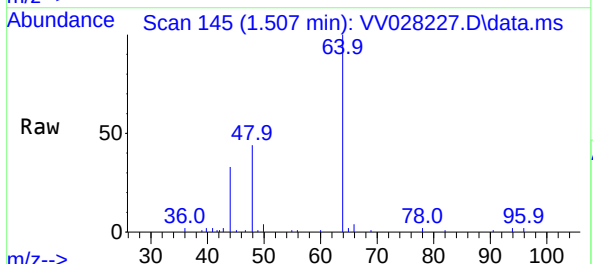
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ClientSampleId :
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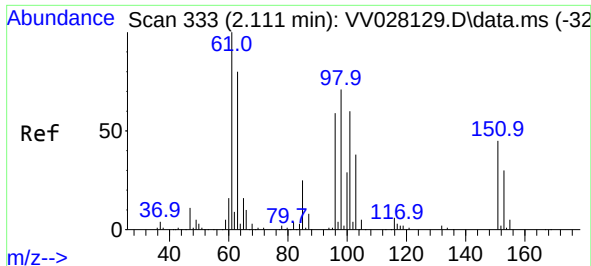
Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 99.5 66.7 123.9



#8
Chloroethane
Concen: 3.694 ug/L
RT: 1.507 min Scan# 145
Delta R.T. -0.071 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

Tgt Ion: 64 Resp: 32442
Ion Ratio Lower Upper
64 100
66 4.4 23.0 42.8#

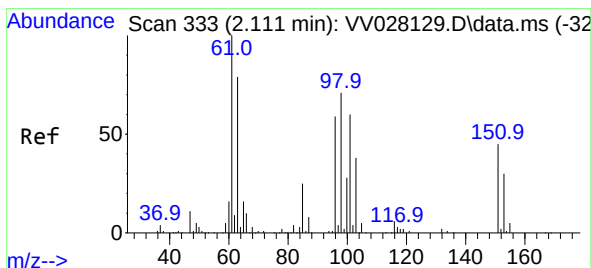
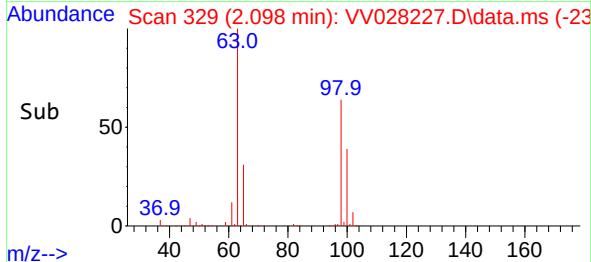
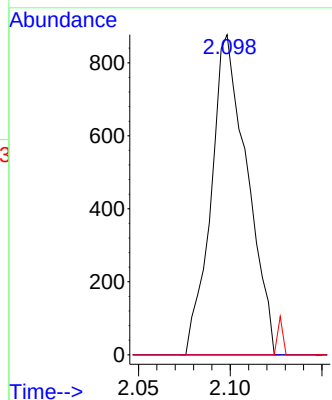
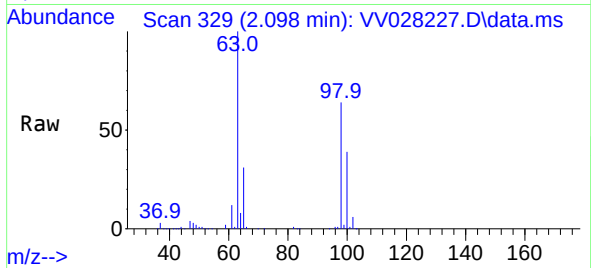




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.100 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

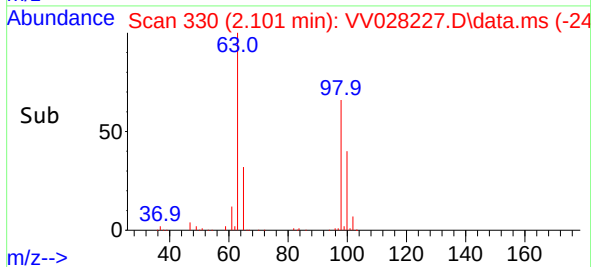
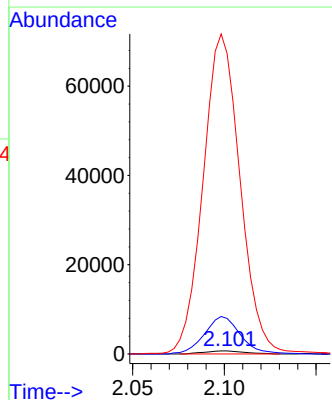
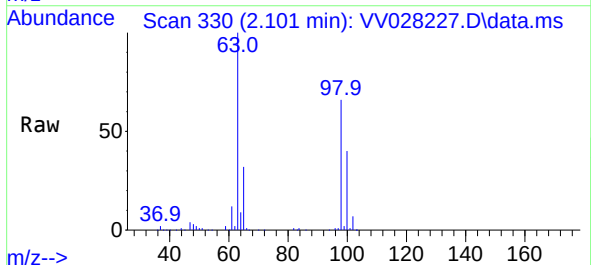
Instrument :
MSVOA_V
ClientSampleId :
F5H46DL

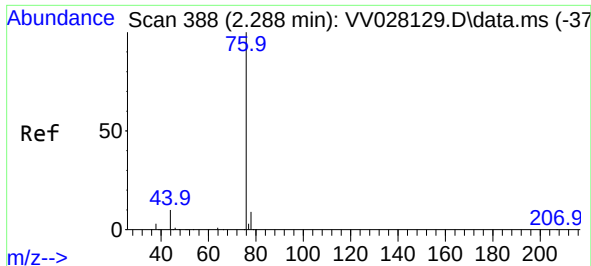
Tgt Ion:101 Resp: 1195
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 1.7 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

Tgt Ion: 96 Resp: 1032
Ion Ratio Lower Upper
96 100
61 1181.2 128.3 238.3#
63 9976.9 112.7 209.3#

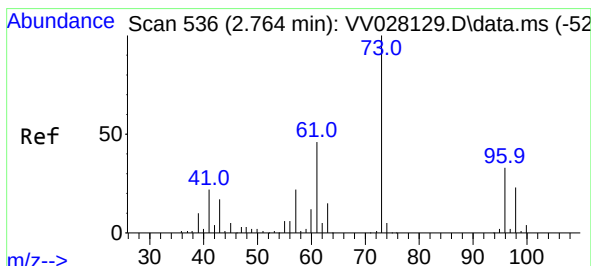
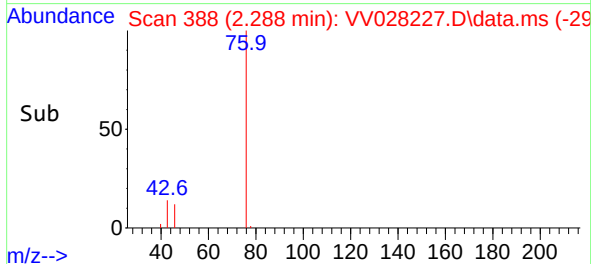
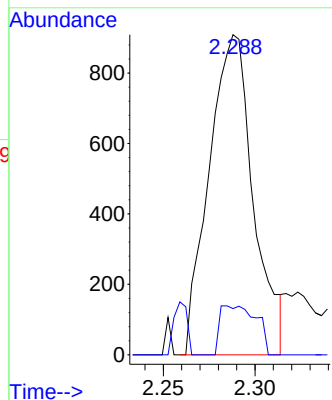
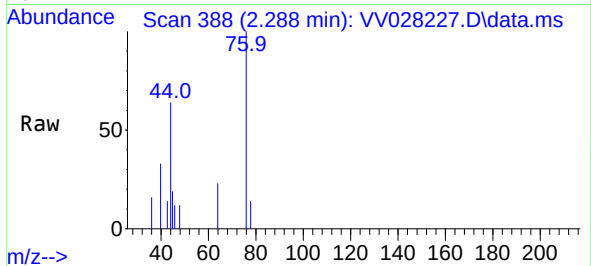




#14
Carbon disulfide
Concen: 0.068 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

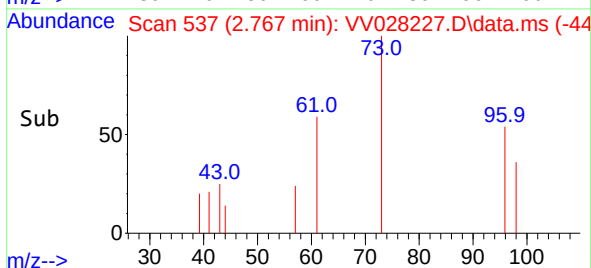
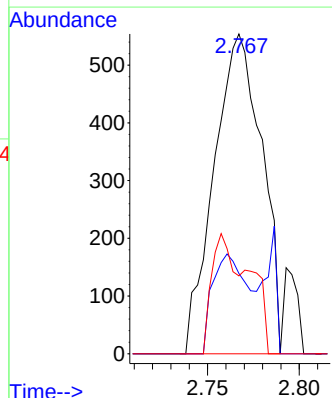
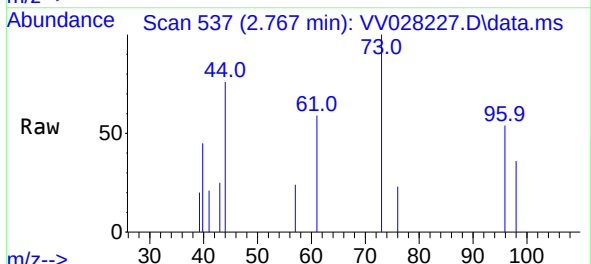
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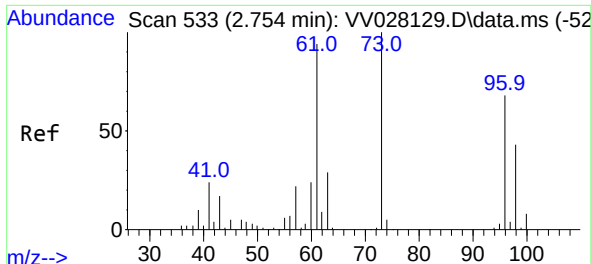
Tgt Ion: 76 Resp: 1526
Ion Ratio Lower Upper
76 100
78 14.4 7.6 11.4#



#17
Methyl tert-butyl Ether
Concen: 0.040 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

Tgt Ion: 73 Resp: 1001
Ion Ratio Lower Upper
73 100
43 23.4 15.7 23.5
57 18.4 17.8 26.8

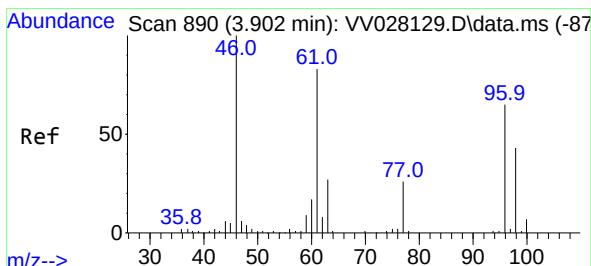
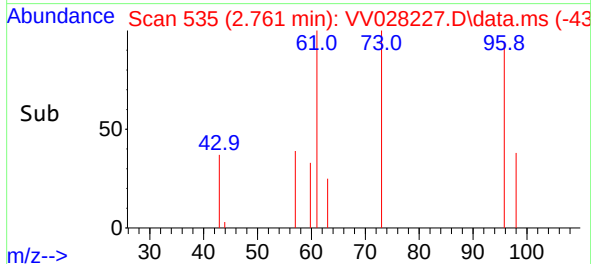
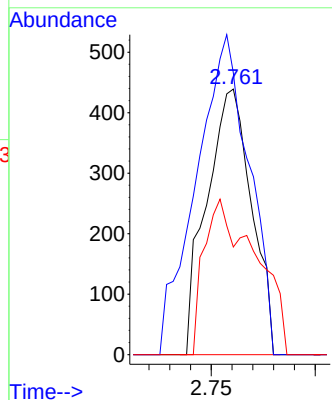
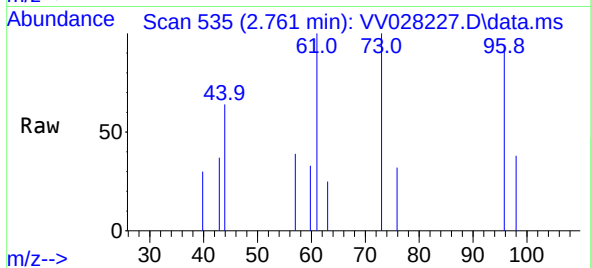




#18
trans-1,2-Dichloroethene
Concen: 0.064 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

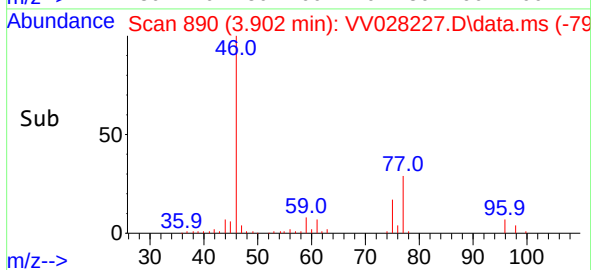
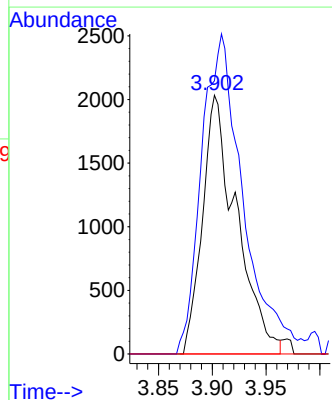
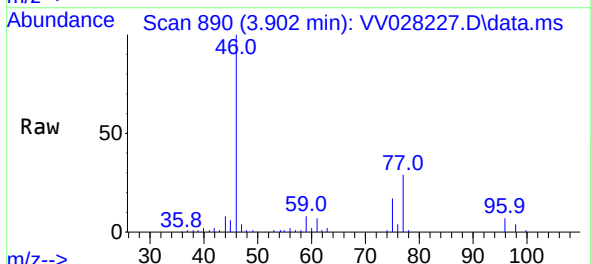
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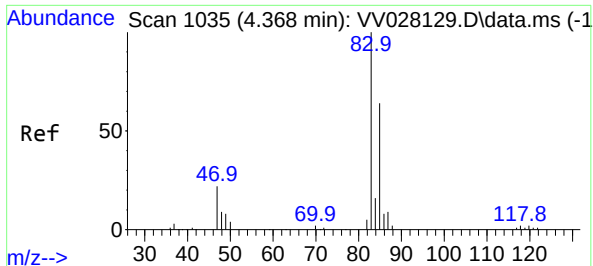
Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 106.2 96.2 178.6
98 40.5 45.7 84.9#



#22
cis-1,2-Dichloroethene
Concen: 0.334 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028227.D
Acq: 30 Sep 2022 15:17

Tgt Ion: 96 Resp: 4474
Ion Ratio Lower Upper
96 100
61 105.6 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.086 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028227.D

Acq: 30 Sep 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

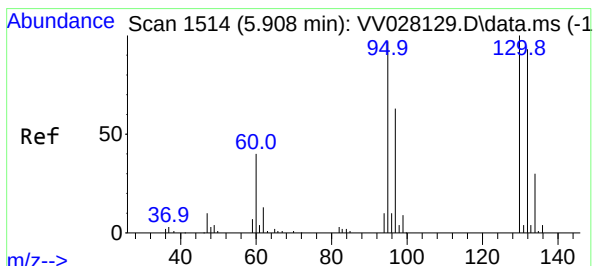
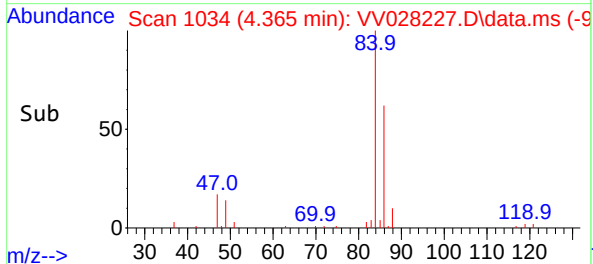
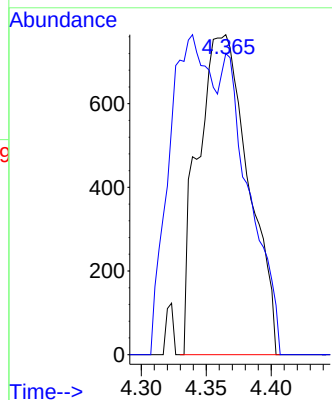
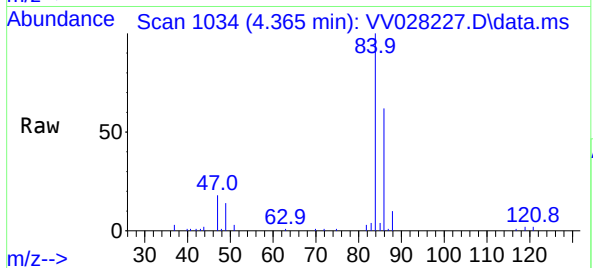
F5H46DL

Tgt Ion: 83 Resp: 2067

Ion Ratio Lower Upper

83 100

85 94.1 45.1 83.7#



#34

Trichloroethene

Concen: 0.324 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.010 min

Lab File: VV028227.D

Acq: 30 Sep 2022 15:17

Tgt Ion: 95 Resp: 3744

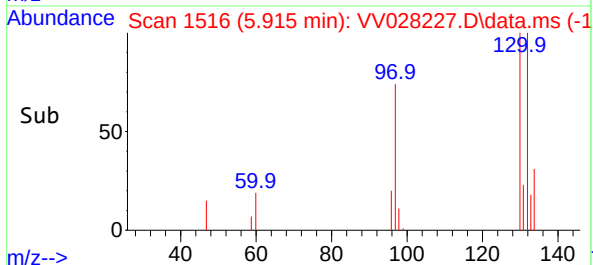
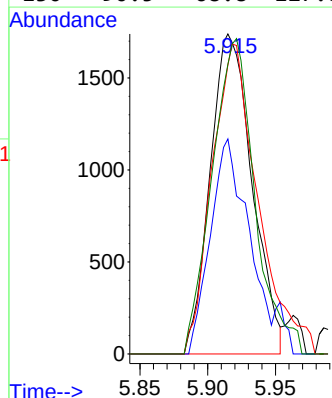
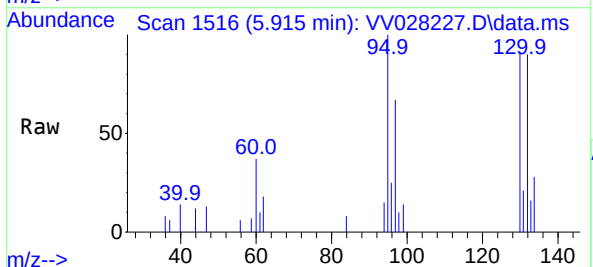
Ion Ratio Lower Upper

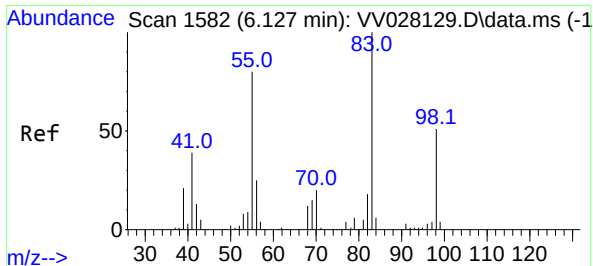
95 100

97 67.2 44.2 82.0

132 90.3 67.8 126.0

130 90.5 68.8 127.8





#35

Methylcyclohexane

Concen: 1.237 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028227.D

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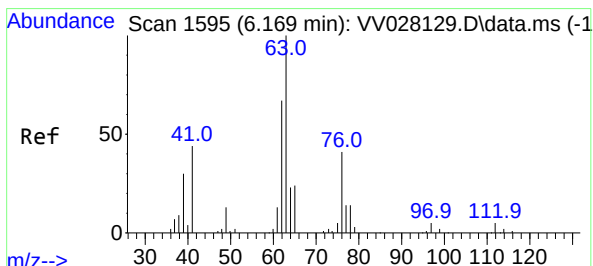
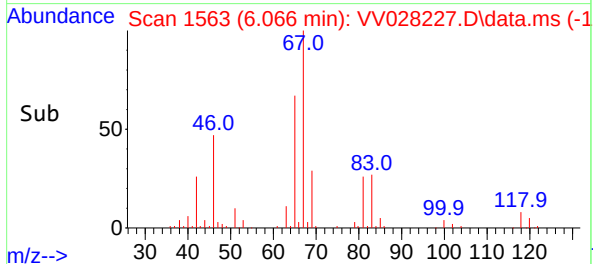
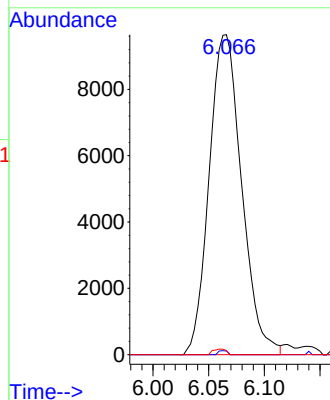
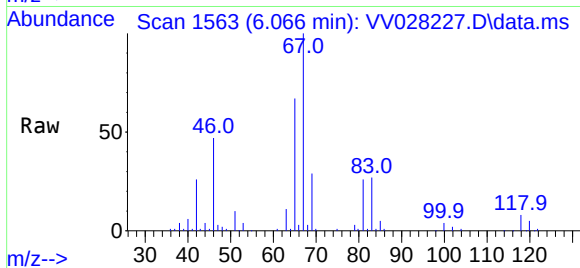
Tgt Ion: 83 Resp: 19570

Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.7 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028227.D

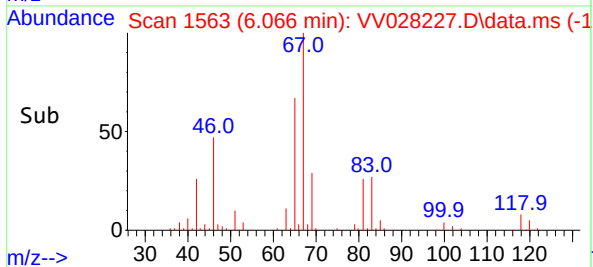
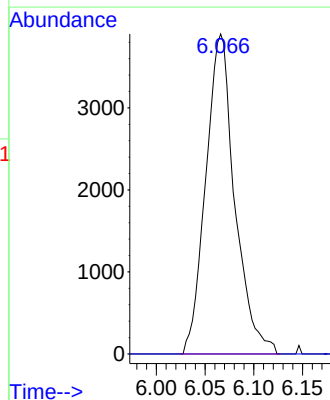
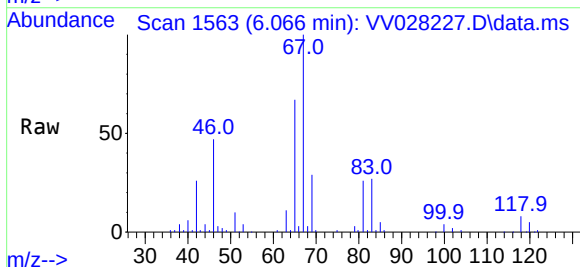
Acq: 30 Sep 2022 15:17

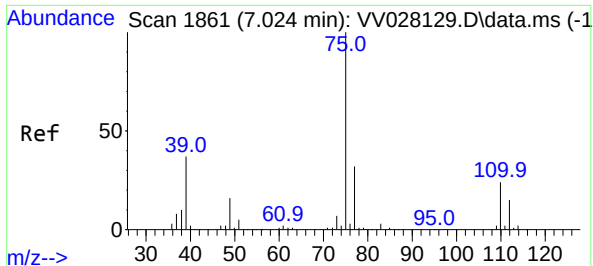
Tgt Ion: 63 Resp: 8078

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028227.D

Acq: 30 Sep 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

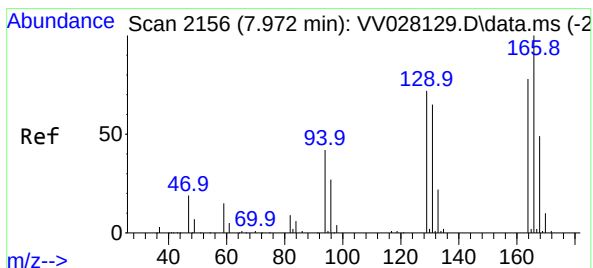
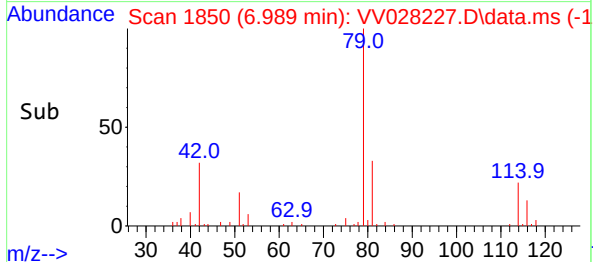
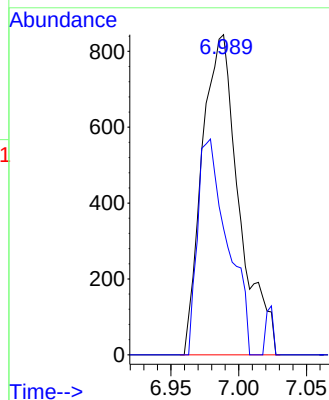
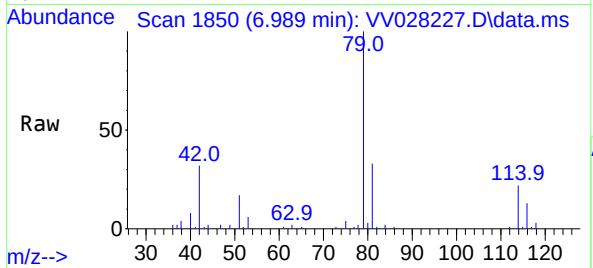
F5H46DL

Tgt Ion: 75 Resp: 1598

Ion Ratio Lower Upper

75 100

77 39.5 22.4 41.6



#47

Tetrachloroethene

Concen: 6.396 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028227.D

Acq: 30 Sep 2022 15:17

Tgt Ion: 164 Resp: 58914

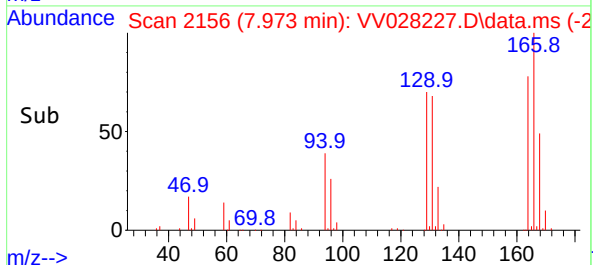
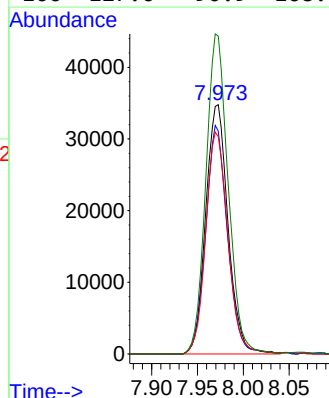
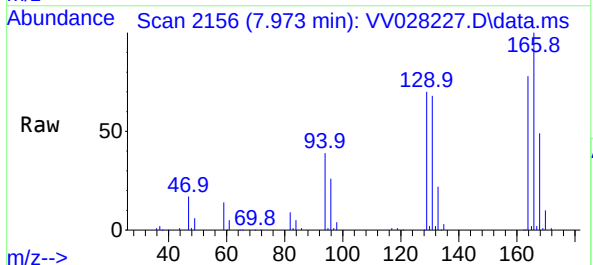
Ion Ratio Lower Upper

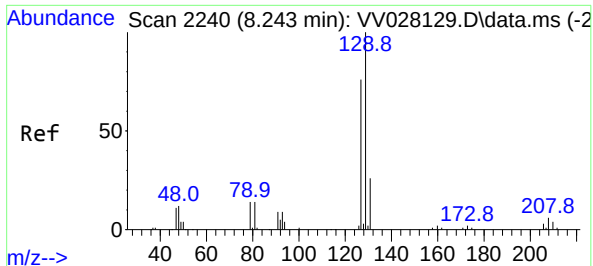
164 100

129 89.4 66.7 123.9

131 87.2 61.7 114.5

166 127.6 90.9 168.9





#49

Dibromochloromethane

Concen: 4.858 ug/L

RT: 7.969 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV028227.D

Acq: 30 Sep 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

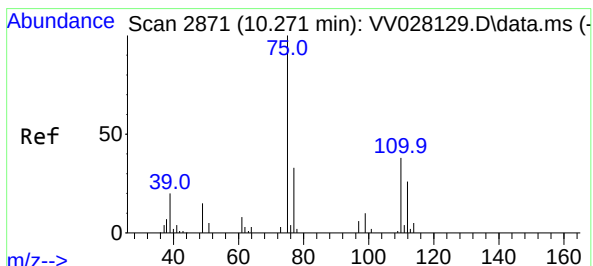
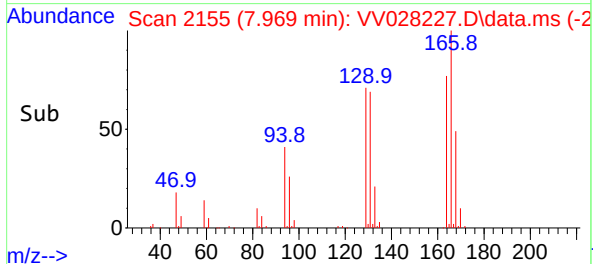
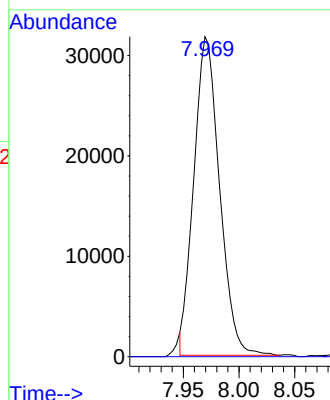
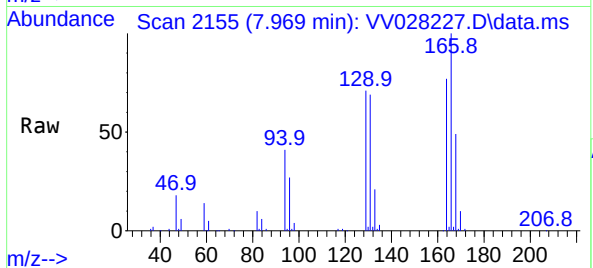
F5H46DL

Tgt Ion:129 Resp: 50877

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.095 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028227.D

Acq: 30 Sep 2022 15:17

Tgt Ion: 75 Resp: 7259

Ion Ratio Lower Upper

75 100

77 32.5 26.7 40.1

110 1.5 30.1 45.1#

