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 Data File : VV028159.D
 Acq On : 28 Sep 2022 15:14
 Operator : SY/MD
 Sample : N4871-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

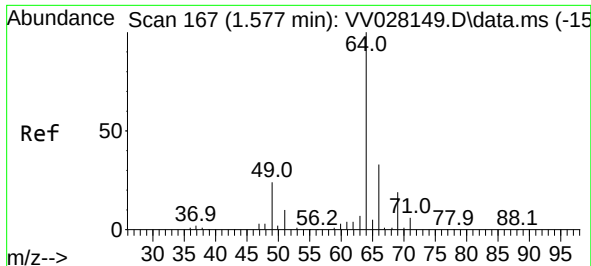
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H22

Quant Time: Sep 29 01:28:41 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	5.612	114	158152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49342	3.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.561	69	47612	3.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.101	63	67972	2.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	3.886	46	153178	55.338	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.680%
24) Chloroform-d	4.342	84	117369	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.027	65	55977	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.043	84	210644	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.066	67	67488	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.313	98	160729	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.622	79	22528	3.925	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.085	63	126151	52.656	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51962	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	70130	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
8) Chloroethane	1.481	64	22560	2.743	ug/L #	49
17) Methyl tert-butyl Ether	2.773	73	1826	0.078	ug/L #	80
25) Chloroform	4.362	83	3108	0.139	ug/L #	66
34) Trichloroethene	5.918	95	6554	0.610	ug/L	97
35) Methylcyclohexane	6.063	83	16863	1.144	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7048	0.582	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1470	0.098	ug/L	84
45) 1,1,2-Trichloroethane	7.966	97	1168	0.144	ug/L #	9
47) Tetrachloroethene	7.969	164	127568	14.872	ug/L	98
49) Dibromochloromethane	7.969	129	111173	11.398	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7174	1.160	ug/L #	66

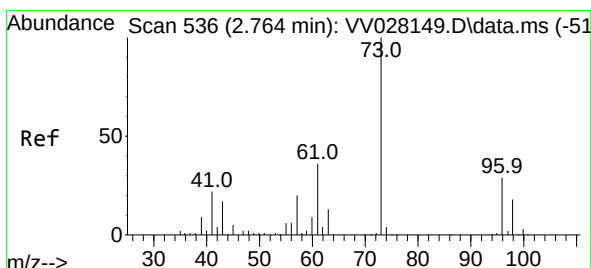
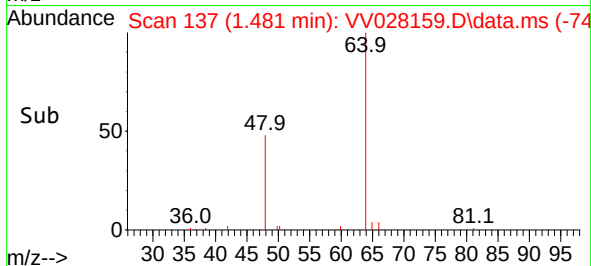
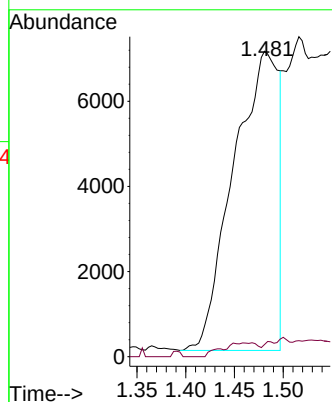
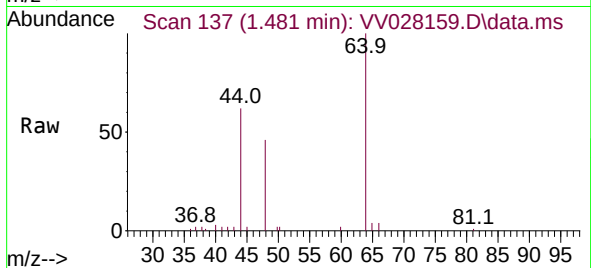
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 2.743 ug/L
RT: 1.481 min Scan# 11
Delta R.T. -0.097 min
Lab File: VV028159.D
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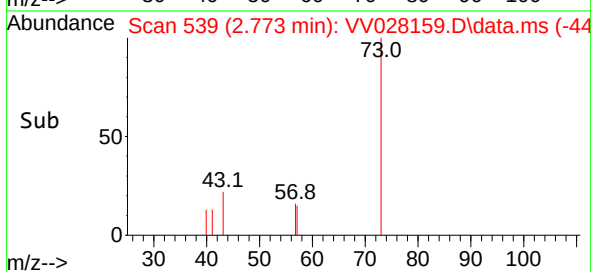
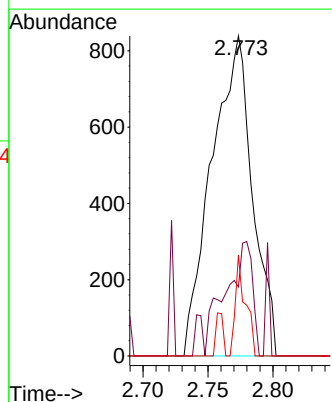
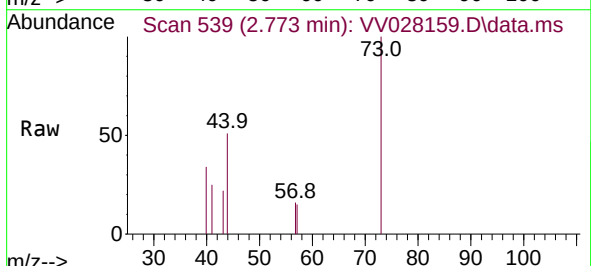
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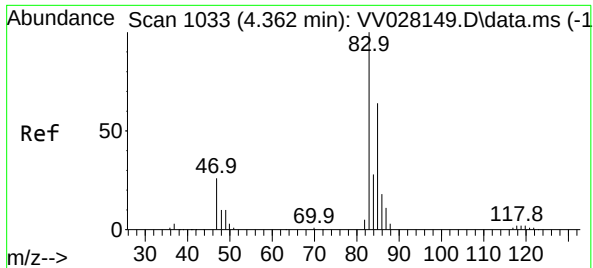
Tgt Ion: 64 Resp: 22560
Ion Ratio Lower Upper
64 100
66 4.0 23.0 42.8#



#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

Tgt Ion: 73 Resp: 1826
Ion Ratio Lower Upper
73 100
43 23.8 15.7 23.5#
57 7.9 17.8 26.8#

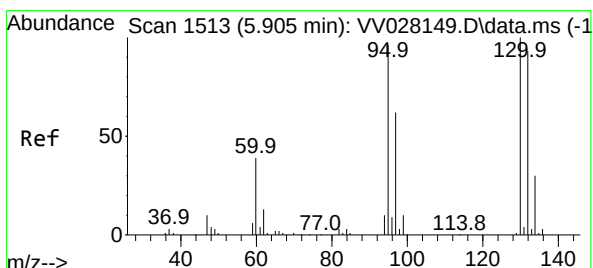
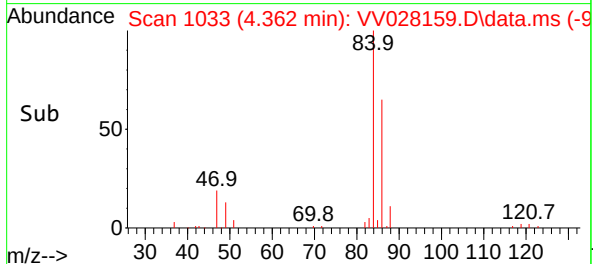
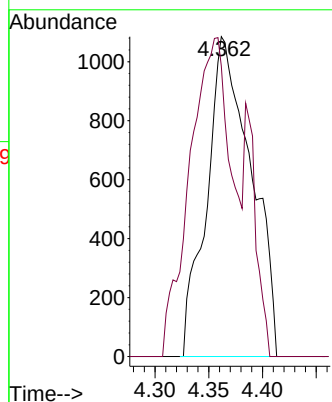
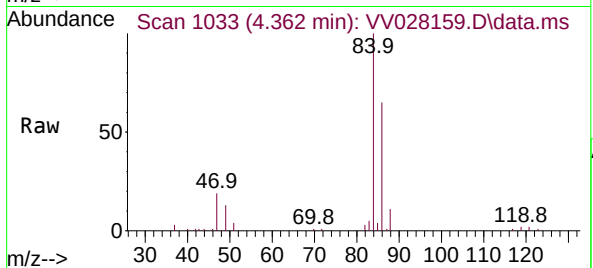




#25
Chloroform
Concen: 0.139 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

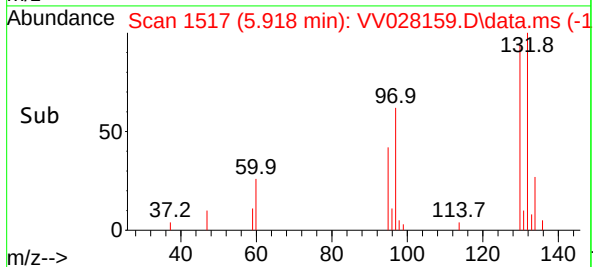
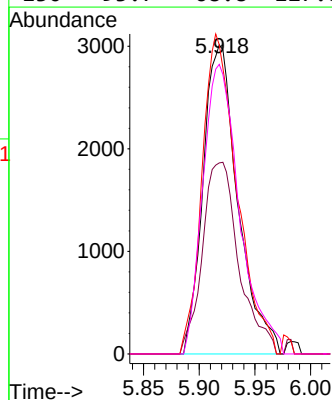
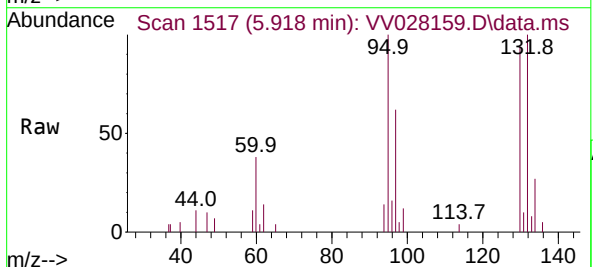
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MSVOA_V
ClientSampleId :
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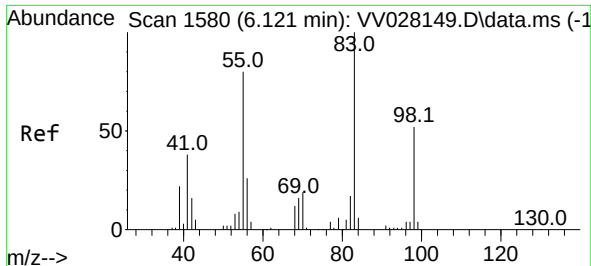
Tgt Ion: 83 Resp: 3108
Ion Ratio Lower Upper
83 100
85 90.8 45.1 83.7#



#34
Trichloroethene
Concen: 0.610 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

Tgt Ion: 95 Resp: 6554
Ion Ratio Lower Upper
95 100
97 61.8 44.2 82.0
132 100.1 67.8 126.0
130 93.7 68.8 127.8

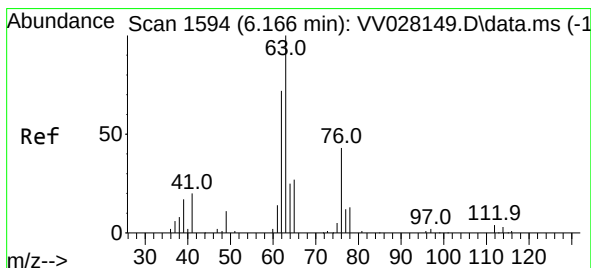
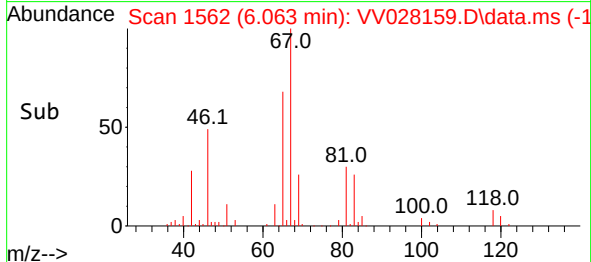
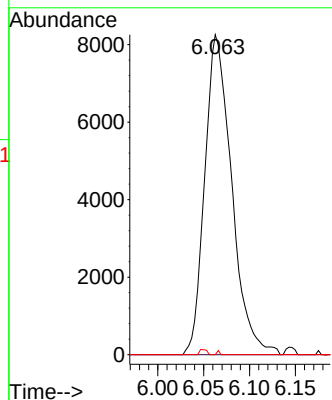
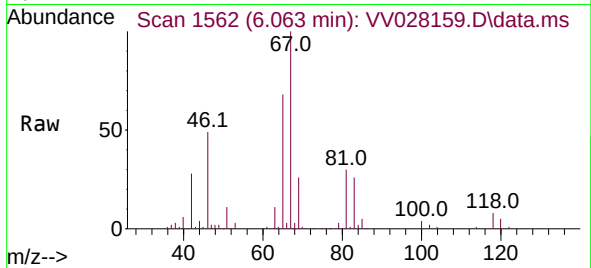




#35
Methylcyclohexane
Concen: 1.144 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

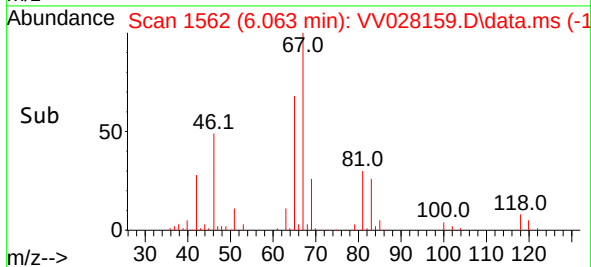
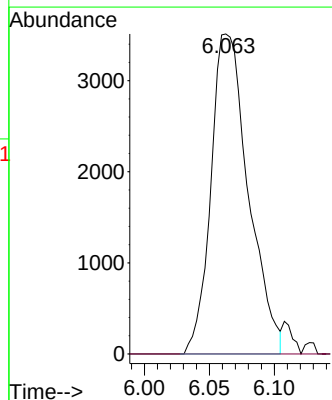
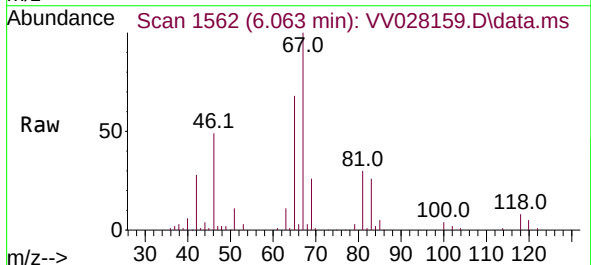
Instrument :
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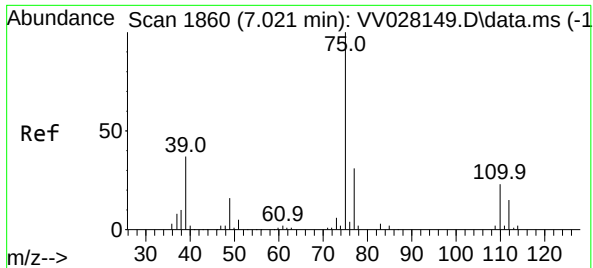
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.1	39.5	59.3#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

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





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028159.D

Acq: 28 Sep 2022 15:14

Instrument :

MSVOA_V

ClientSampleId :

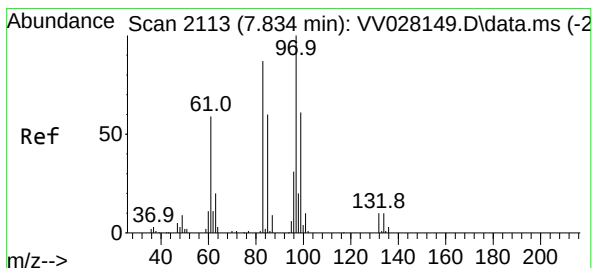
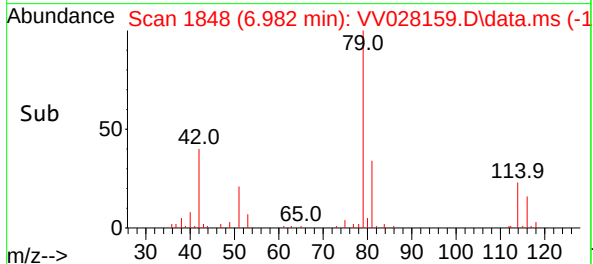
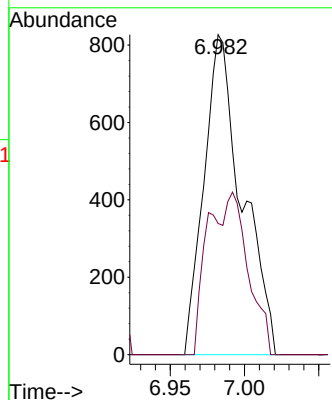
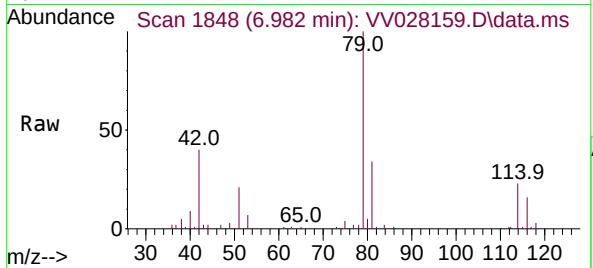
F5H22

Tgt Ion: 75 Resp: 1470

Ion Ratio Lower Upper

75 100

77 41.0 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 0.144 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.132 min

Lab File: VV028159.D

Acq: 28 Sep 2022 15:14

Tgt Ion: 97 Resp: 1168

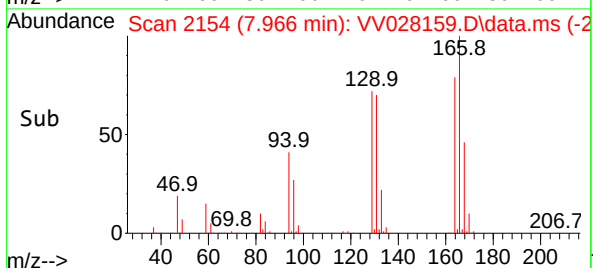
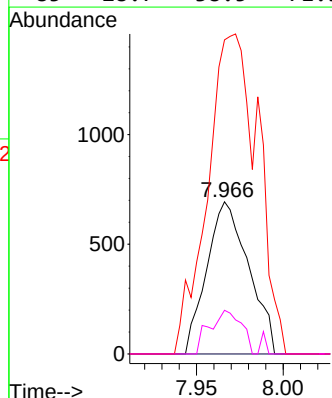
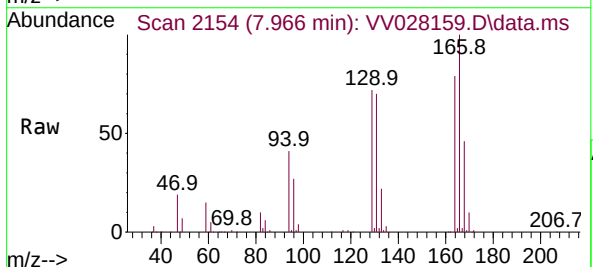
Ion Ratio Lower Upper

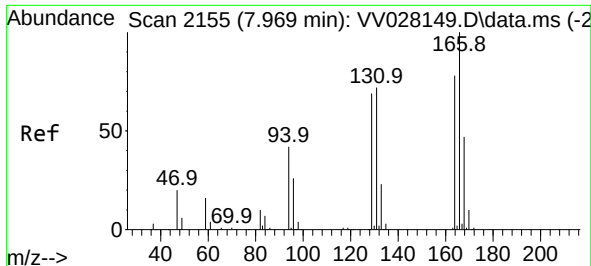
97 100

99 0.0 43.2 80.2#

83 206.3 59.1 109.9#

85 28.7 38.5 71.5#

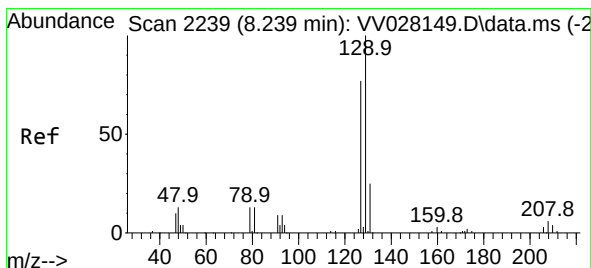
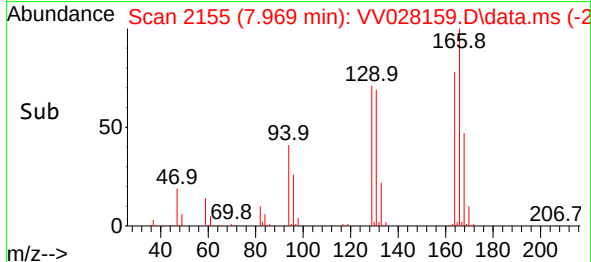
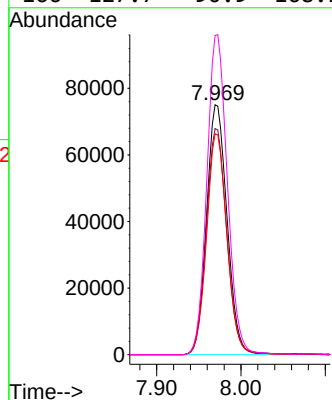
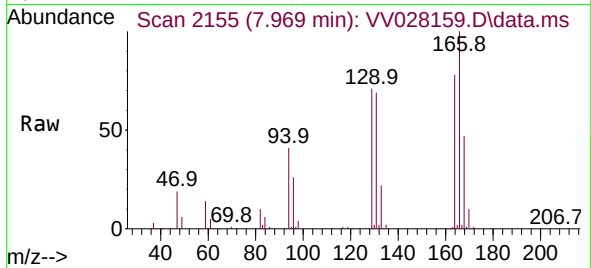




#47
Tetrachloroethene
Concen: 14.872 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

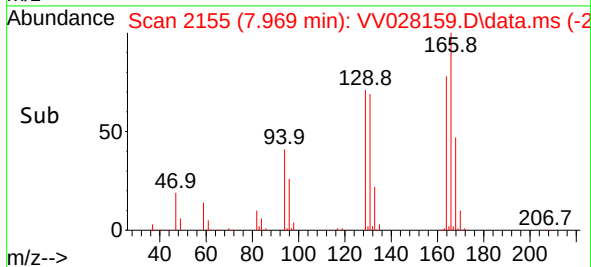
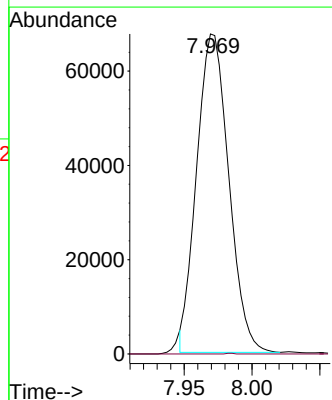
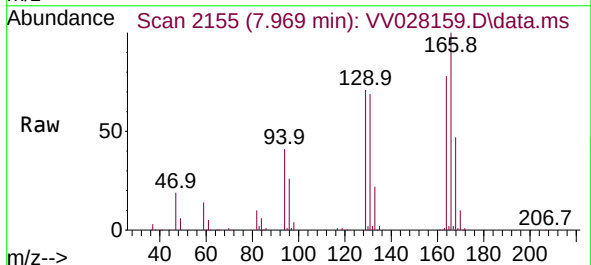
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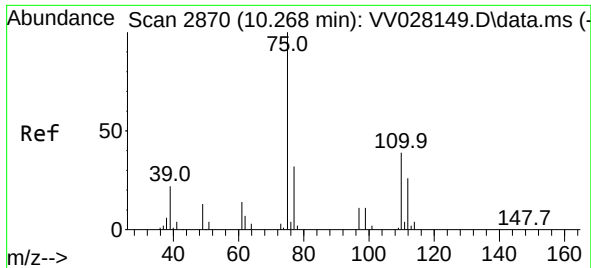
Tgt Ion:164 Resp: 127568
Ion Ratio Lower Upper
164 100
129 90.4 66.7 123.9
131 88.4 61.7 114.5
166 127.7 90.9 168.9



#49
Dibromochloromethane
Concen: 11.398 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV028159.D
Acq: 28 Sep 2022 15:14

Tgt Ion:129 Resp: 111173
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.160 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028159.D
 Acq: 28 Sep 2022 15:14

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 7174
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.7 40.1
 110 1.4 30.1 45.1#

