

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092822\
 Data File : VW028151.D
 Acq On : 28 Sep 2022 12:01
 Operator : SY/MD
 Sample : N4856-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H30DL

Quant Time: Sep 29 01:26:32 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)

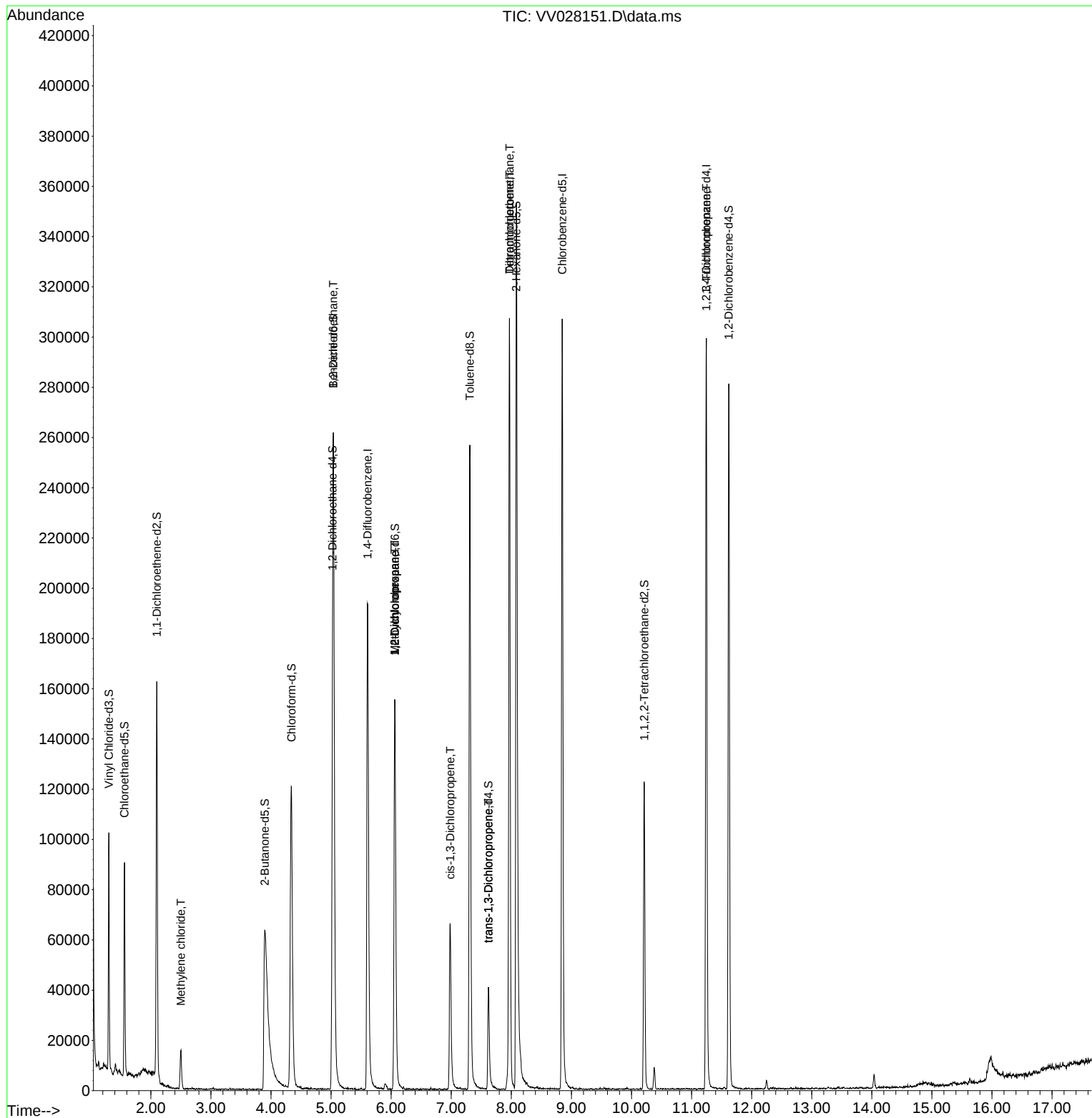
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	179498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	181734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85161	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60197	3.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.561	69	56233	3.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.098	63	80139	2.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.600%#
20) 2-Butanone-d5	3.896	46	152130	48.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.840%
24) Chloroform-d	4.339	84	132140	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.024	65	65725	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.037	84	236933	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.063	67	78171	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.310	98	180614	3.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	7.619	79	25792	3.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.085	63	136875	48.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60178	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	78299	4.687	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
16) Methylene chloride	2.500	84	6494	0.469	ug/L	88
27) 1,2-Dichloroethane	5.037	62	1455	0.107	ug/L #	60
35) Methylcyclohexane	6.060	83	19070	1.107	ug/L #	16
37) 1,2-Dichloropropane	6.060	63	8710	0.616	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1805	0.103	ug/L #	78
44) trans-1,3-Dichloropropene	7.619	75	1200	0.079	ug/L #	42
47) Tetrachloroethene	7.969	164	73180	7.298	ug/L	96
49) Dibromochloromethane	7.969	129	65689	5.761	ug/L #	11
61) 1,2,3-Trichloropropane	11.243	75	8247	1.155	ug/L #	68

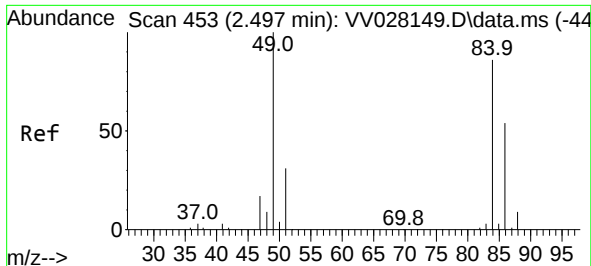
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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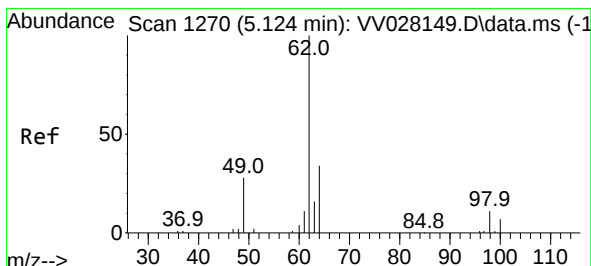
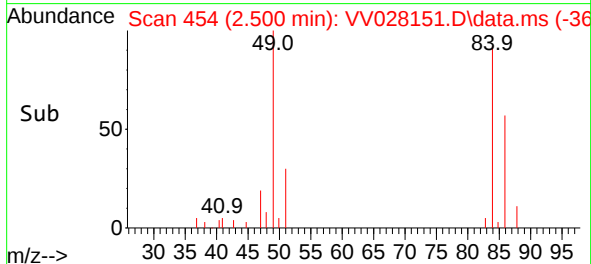
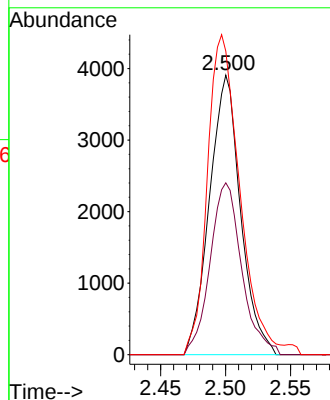
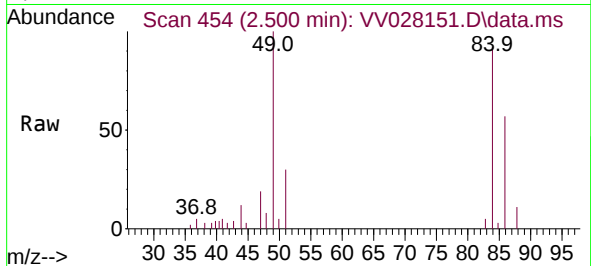




#16
Methylene chloride
Concen: 0.469 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028151.D
Acq: 28 Sep 2022 12:01

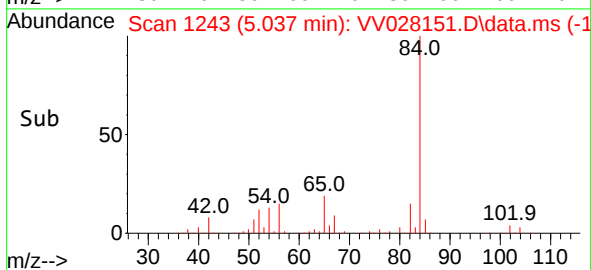
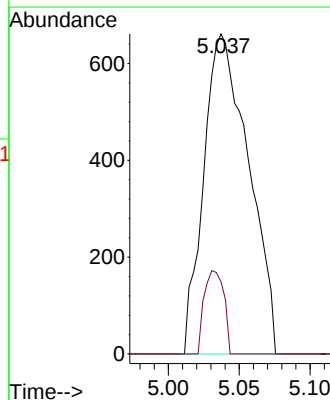
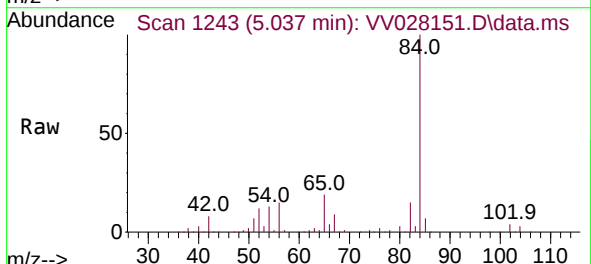
Instrument :
MSVOA_V
ClientSampleId :
F5H30DL

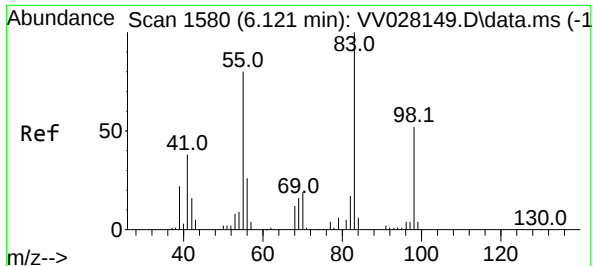
Tgt Ion: 84 Resp: 6494
Ion Ratio Lower Upper
84 100
86 61.5 46.8 86.8
49 108.6 87.5 162.5



#27
1,2-Dichloroethane
Concen: 0.107 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.087 min
Lab File: VV028151.D
Acq: 28 Sep 2022 12:01

Tgt Ion: 62 Resp: 1455
Ion Ratio Lower Upper
62 100
98 22.5 6.7 10.1#

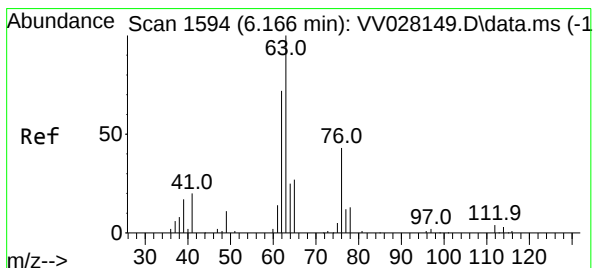
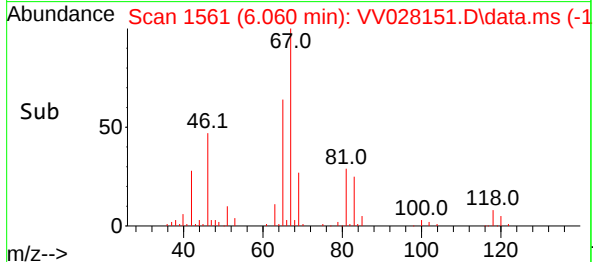
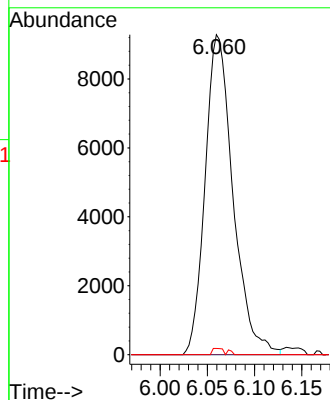
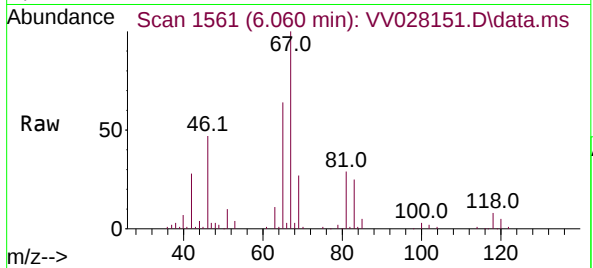




#35
Methylcyclohexane
Concen: 1.107 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV028151.D
Acq: 28 Sep 2022 12:01

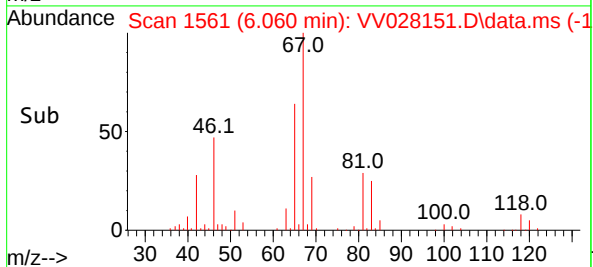
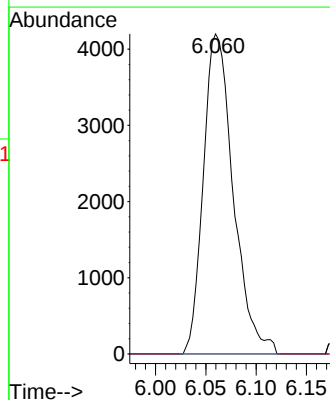
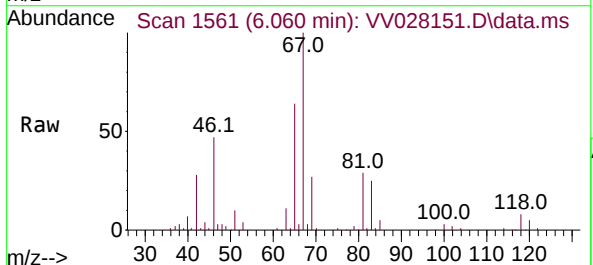
Instrument :
MSVOA_V
ClientSampleId :
F5H30DL

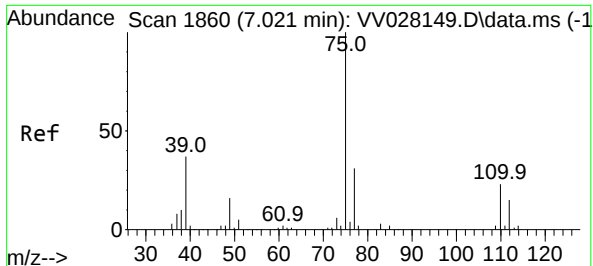
Tgt Ion: 83 Resp: 19070
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.7 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.106 min
Lab File: VV028151.D
Acq: 28 Sep 2022 12:01

Tgt Ion: 63 Resp: 8710
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028151.D

Acq: 28 Sep 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

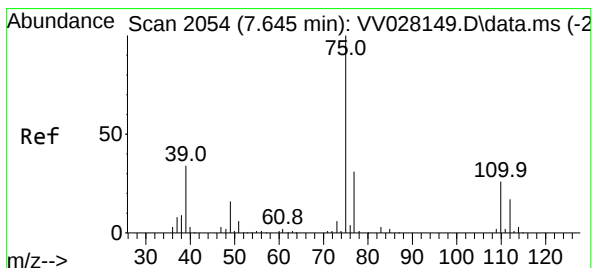
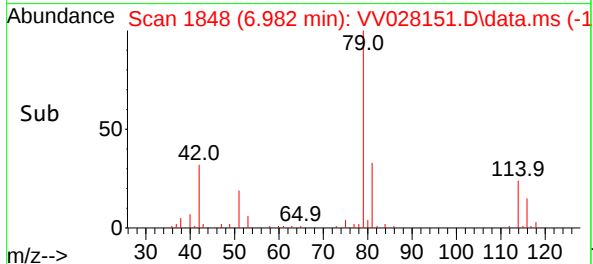
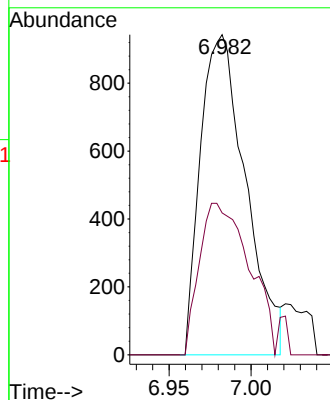
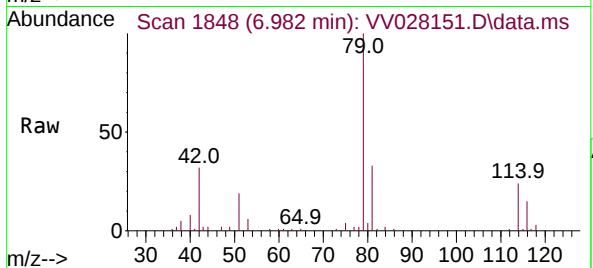
F5H30DL

Tgt Ion: 75 Resp: 1805

Ion Ratio Lower Upper

75 100

77 44.3 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV028151.D

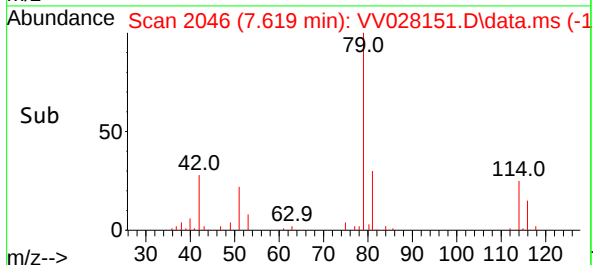
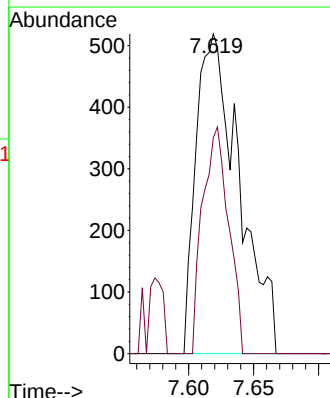
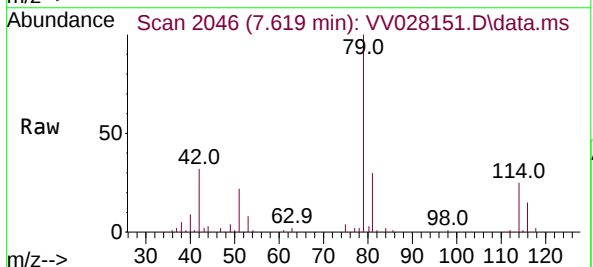
Acq: 28 Sep 2022 12:01

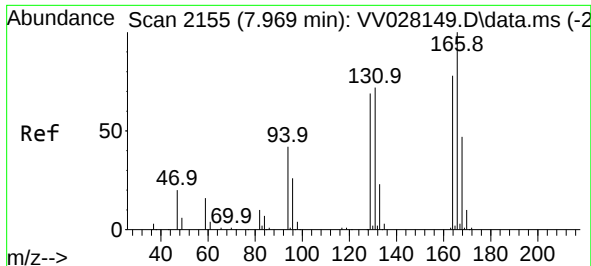
Tgt Ion: 75 Resp: 1200

Ion Ratio Lower Upper

75 100

77 67.6 23.9 44.3#

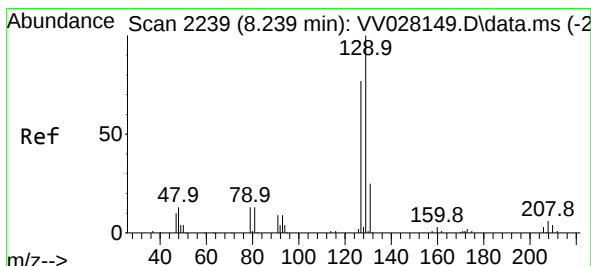
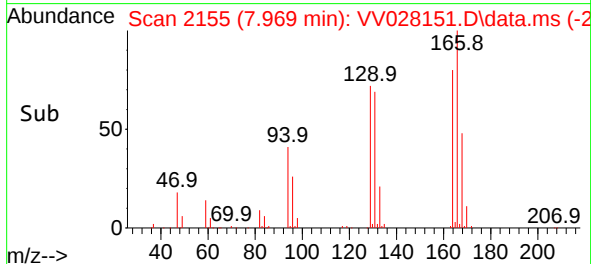
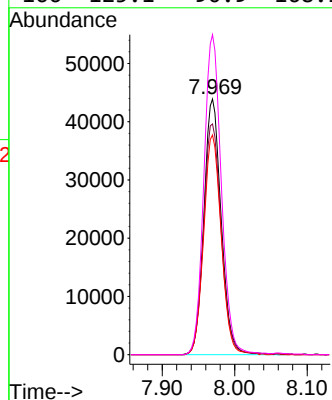
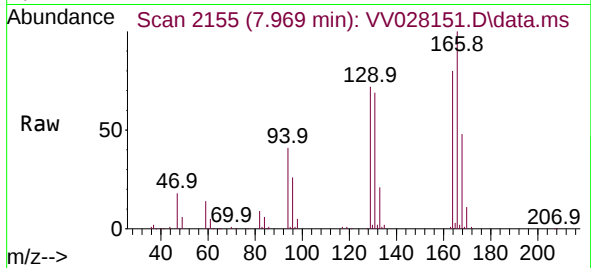




#47
Tetrachloroethene
Concen: 7.298 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028151.D
Acq: 28 Sep 2022 12:01

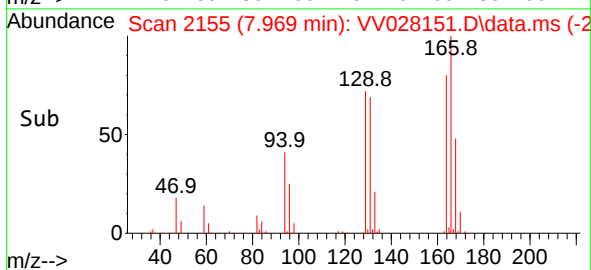
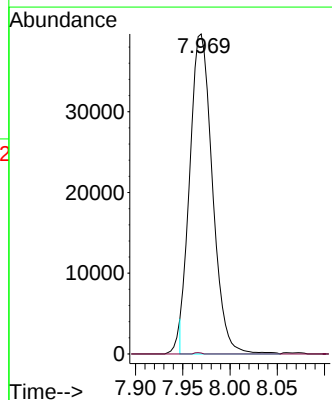
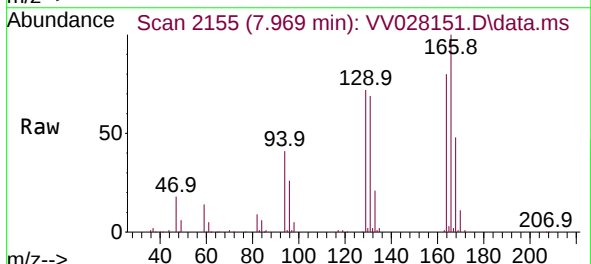
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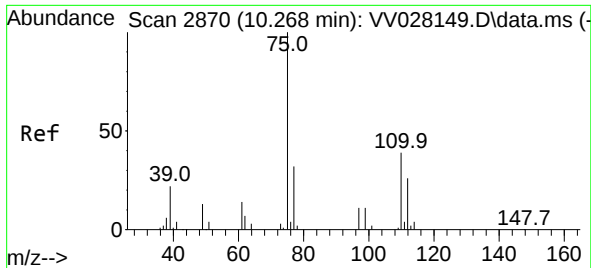
Tgt Ion:164 Resp: 73180
Ion Ratio Lower Upper
164 100
129 90.3 66.7 123.9
131 85.9 61.7 114.5
166 125.1 90.9 168.9



#49
Dibromochloromethane
Concen: 5.761 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV028151.D
Acq: 28 Sep 2022 12:01

Tgt Ion:129 Resp: 65689
Ion Ratio Lower Upper
129 100
127 0.3 54.3 100.9#





#61

1,2,3-Trichloropropane

Concen: 1.155 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028151.D

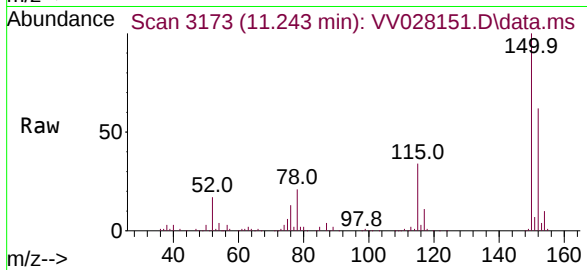
Acq: 28 Sep 2022 12:01

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75	Resp:	8247
Ion Ratio	Lower	Upper
75	100	
77	34.6	26.7 40.1
110	2.9	30.1 45.1#

