

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028655.D
 Acq On : 21 Oct 2022 12:16
 Operator : SY/MD
 Sample : N5163-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD713DL

Quant Time: Oct 21 23:01:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

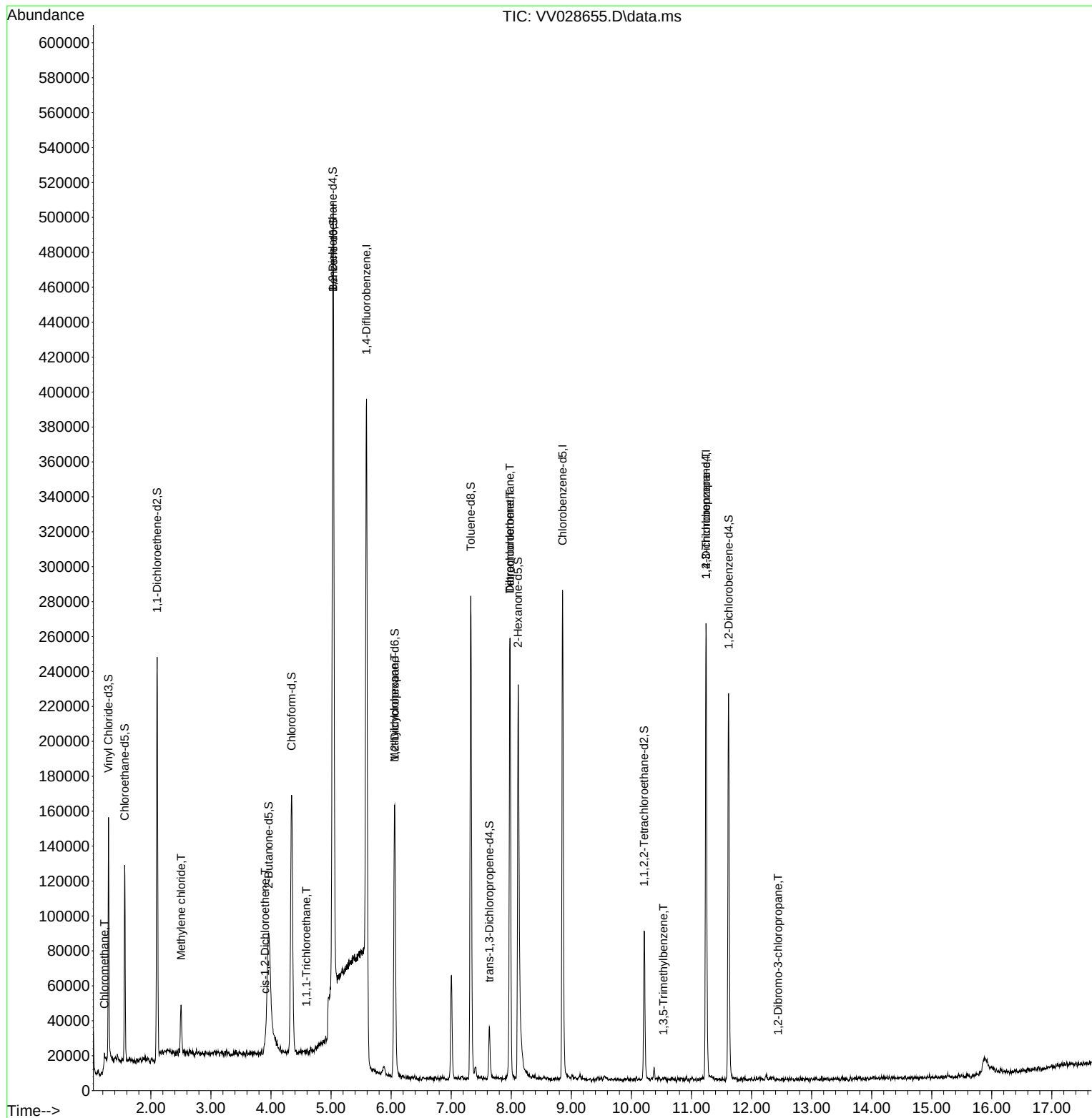
Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	239208	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.853	117	139367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	60340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	87497	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.564	69	71426	3.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.104	63	126786	3.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.960	46	207540	46.560	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.120%
24) Chloroform-d	4.342	84	143601	4.088	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.030	65	92417	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.037	84	325878	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.059	67	75693	3.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.326	98	171245	3.905	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.635	79	16216	3.513	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.114	63	82888	43.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40429	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	51767	4.773	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
3) Chloromethane	1.227	50	1563	0.067	ug/L	85
16) Methylene chloride	2.503	84	10363	0.466	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	2047	0.106	ug/L #	84
29) 1,1,1-Trichloroethane	4.587	97	502	0.021	ug/L #	33
35) Methylcyclohexane	6.056	83	17200	0.726	ug/L #	16
47) Tetrachloroethene	7.979	164	48404	5.940	ug/L	96
49) Dibromochloromethane	7.979	129	49357	6.456	ug/L #	13
61) 1,2,3-Trichloropropane	11.242	75	9150	1.399	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.532	105	474	0.033	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.442	75	215	0.188	ug/L #	9

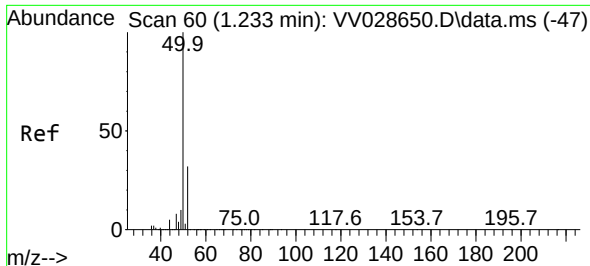
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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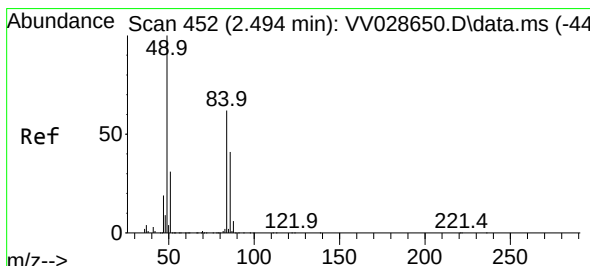
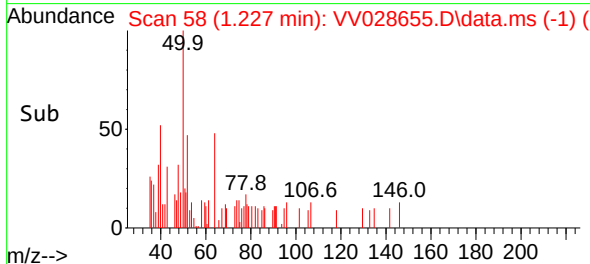
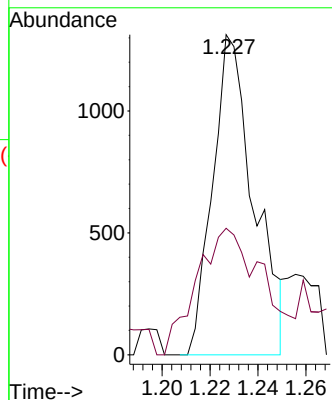
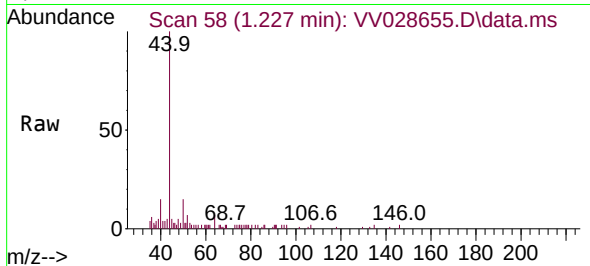




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.227 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV028655.D
Acq: 21 Oct 2022 12:16

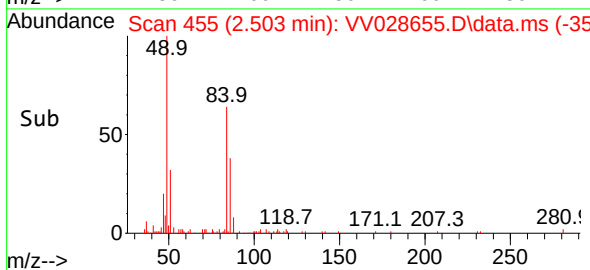
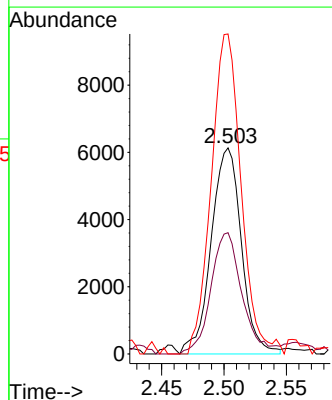
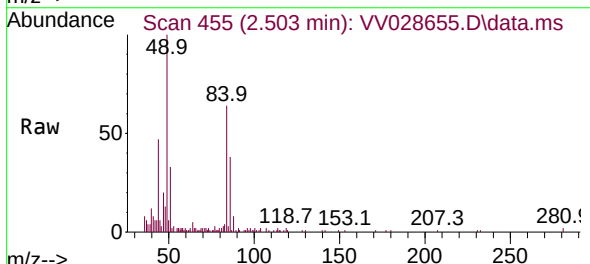
Instrument :
MSVOA_V
ClientSampleId :
BD713DL

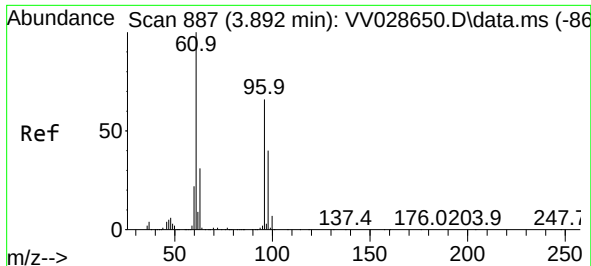
Tgt Ion: 50 Resp: 1563
Ion Ratio Lower Upper
50 100
52 39.5 21.8 40.6



#16
Methylene chloride
Concen: 0.466 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.010 min
Lab File: VV028655.D
Acq: 21 Oct 2022 12:16

Tgt Ion: 84 Resp: 10363
Ion Ratio Lower Upper
84 100
86 58.9 44.4 82.4
49 155.3 110.8 205.8





#22

cis-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV028655.D

Acq: 21 Oct 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

BD713DL

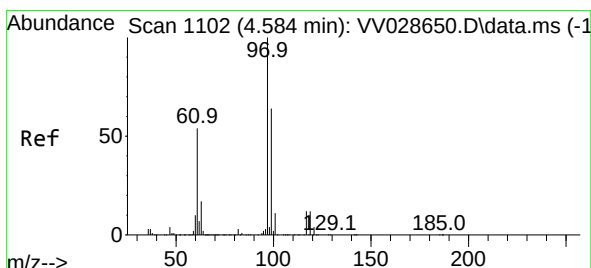
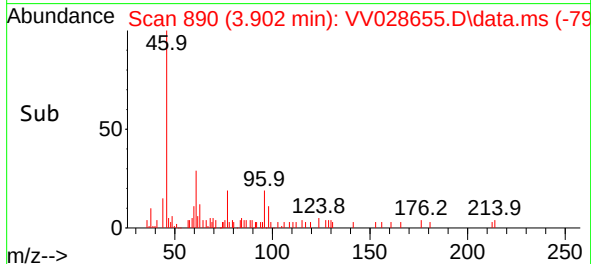
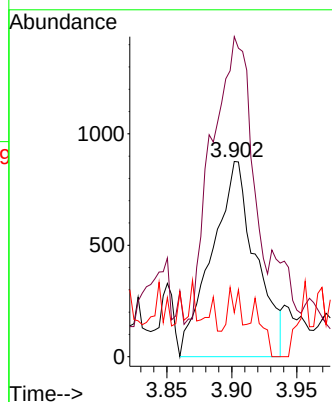
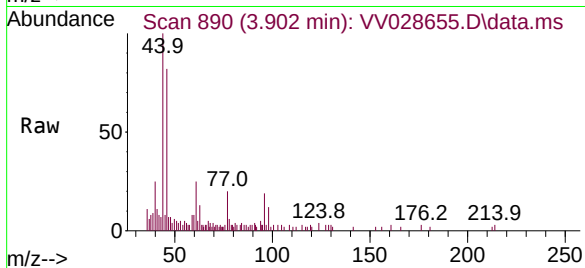
Tgt Ion: 96 Resp: 2047

Ion Ratio Lower Upper

96 100

61 163.9 101.4 188.2

68 22.6 0.5 0.9#



#29

1,1,1-Trichloroethane

Concen: 0.021 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV028655.D

Acq: 21 Oct 2022 12:16

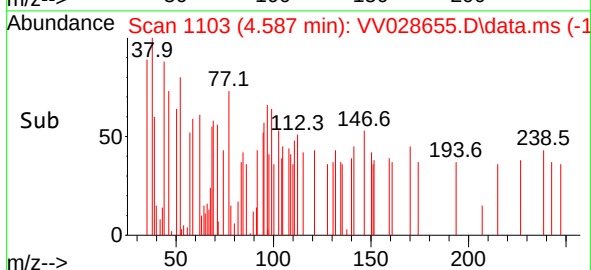
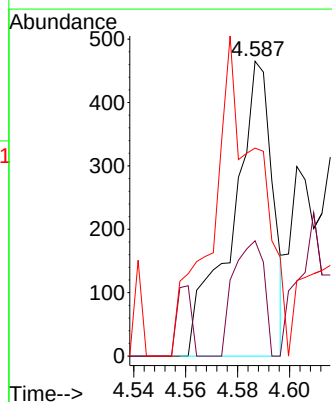
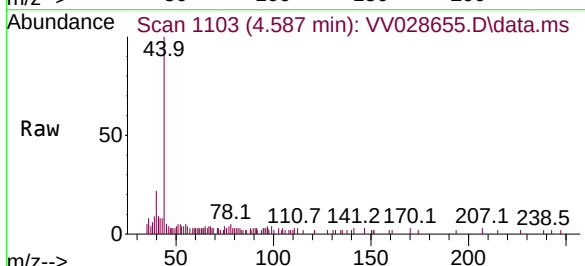
Tgt Ion: 97 Resp: 502

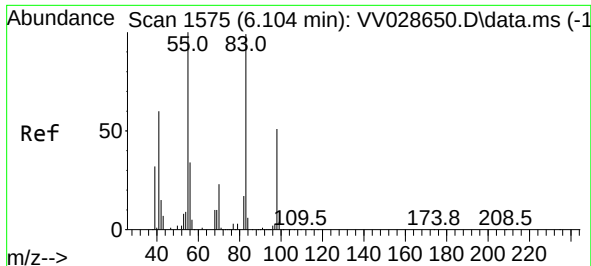
Ion Ratio Lower Upper

97 100

99 29.7 50.5 75.7#

61 122.3 43.1 64.7#

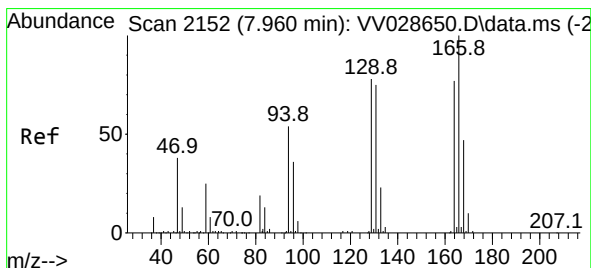
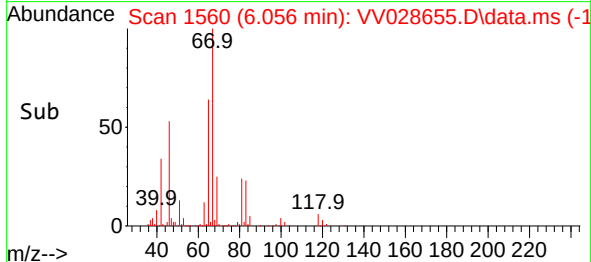
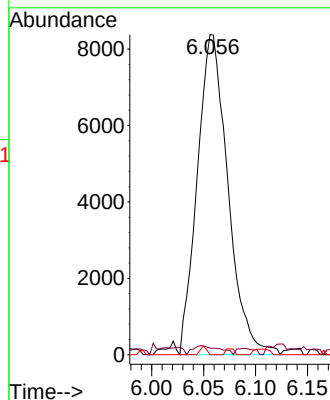
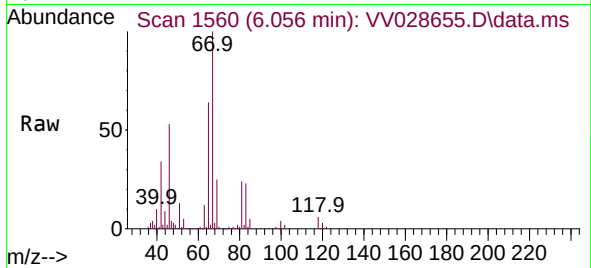




#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.056 min Scan# 11
Delta R.T. -0.048 min
Lab File: VV028655.D
Acq: 21 Oct 2022 12:16

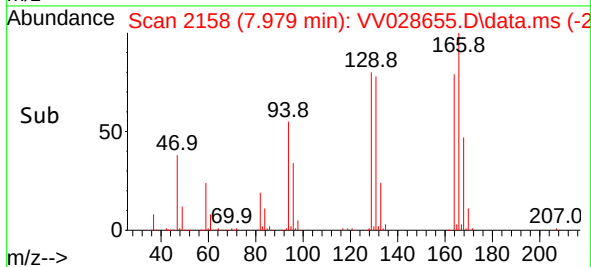
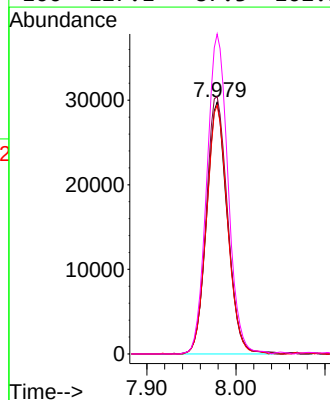
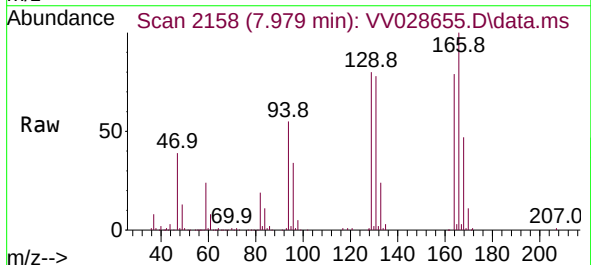
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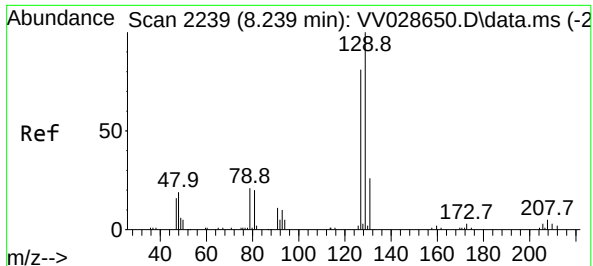
Tgt Ion: 83 Resp: 17200
Ion Ratio Lower Upper
83 100
55 2.4 70.0 105.0#
98 0.5 35.6 53.4#



#47
Tetrachloroethene
Concen: 5.940 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.019 min
Lab File: VV028655.D
Acq: 21 Oct 2022 12:16

Tgt Ion: 164 Resp: 48404
Ion Ratio Lower Upper
164 100
129 102.3 69.2 128.6
131 98.7 64.2 119.2
166 127.1 87.3 162.1





#49

Dibromochloromethane

Concen: 6.456 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.261 min

Lab File: VV028655.D

Acq: 21 Oct 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

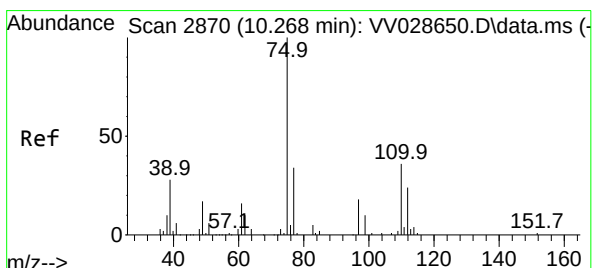
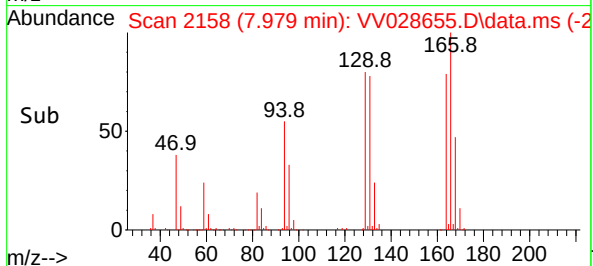
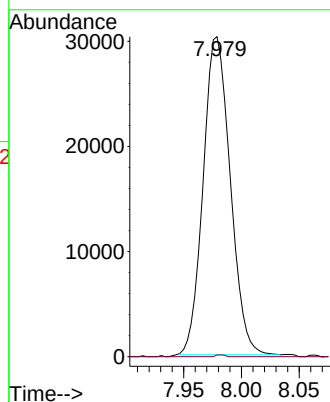
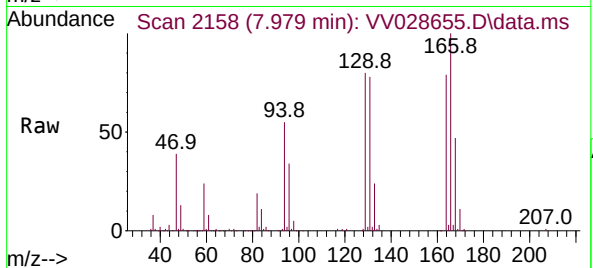
BD713DL

Tgt Ion:129 Resp: 49357

Ion Ratio Lower Upper

129 100

127 0.5 51.6 95.8#



#61

1,2,3-Trichloropropane

Concen: 1.399 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028655.D

Acq: 21 Oct 2022 12:16

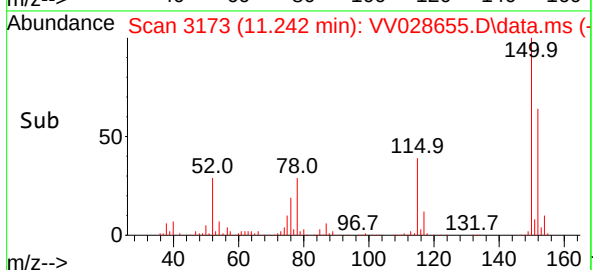
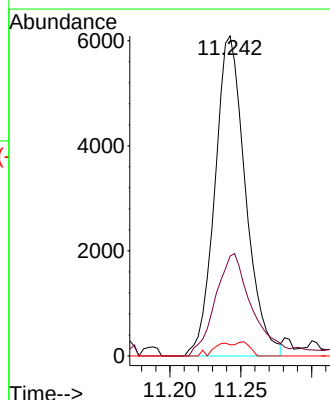
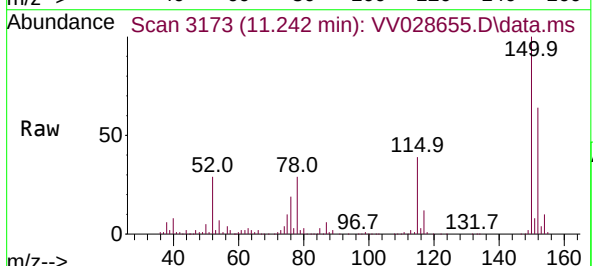
Tgt Ion: 75 Resp: 9150

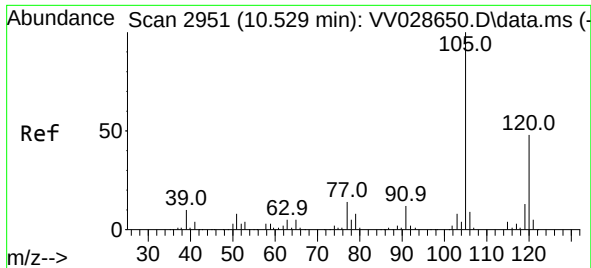
Ion Ratio Lower Upper

75 100

77 38.2 25.2 37.8#

110 2.8 27.9 41.9#

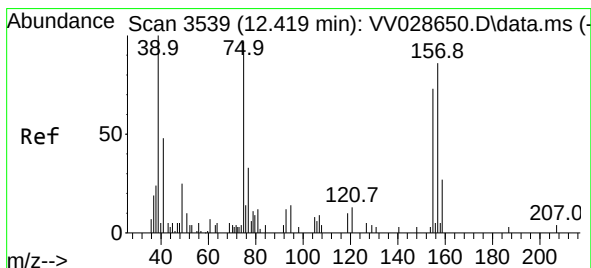
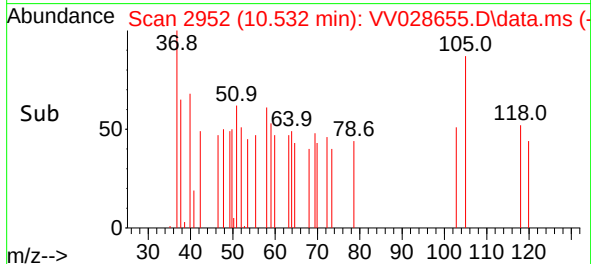
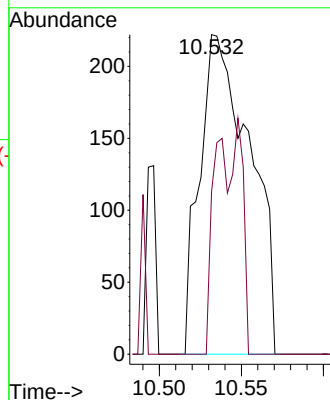
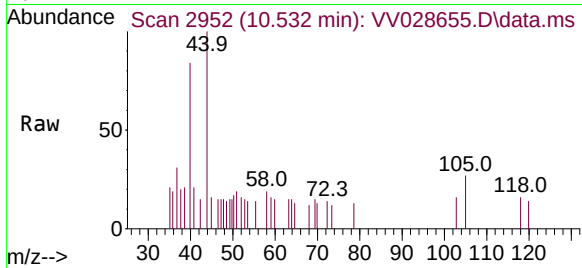




#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.532 min Scan# 2951
 Delta R.T. 0.003 min
 Lab File: VV028655.D
 Acq: 21 Oct 2022 12:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BD713DL

Tgt Ion:105 Resp: 474
 Ion Ratio Lower Upper
 105 100
 120 21.3 38.3 57.5#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.188 ug/L
 RT: 12.442 min Scan# 3546
 Delta R.T. 0.022 min
 Lab File: VV028655.D
 Acq: 21 Oct 2022 12:16

Tgt Ion: 75 Resp: 215
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 71.5 107.3#

