

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028641.D
 Acq On : 20 Oct 2022 17:45
 Operator : SY/MD
 Sample : N5216-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA57

Quant Time: Oct 21 01:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

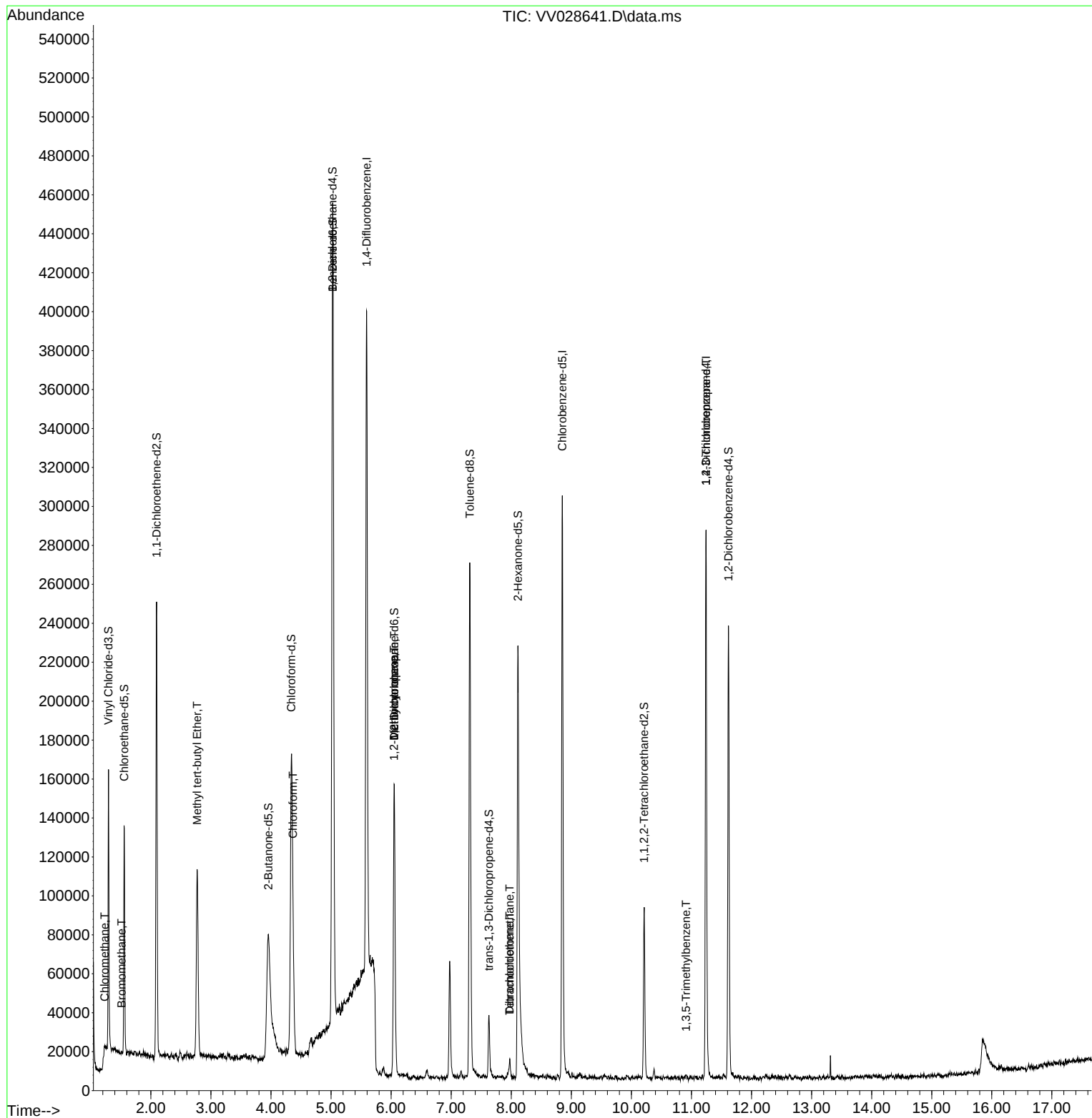
Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	250668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	66062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	93472	3.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.555	69	73497	3.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.095	63	126959	2.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.957	46	197666	42.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.640%
24) Chloroform-d	4.339	84	138942	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	5.024	65	88661	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.031	84	312491	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.053	67	71369	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.800%
41) Toluene-d8	7.310	98	176244	3.795	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.628	79	16833	3.444	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.111	63	83730	41.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41400	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	53616	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	1022	0.042	ug/L	93
6) Bromomethane	1.513	94	757	0.066	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	93789	2.120	ug/L	98
25) Chloroform	4.365	83	45254	1.159	ug/L	99
35) Methylcyclohexane	6.053	83	15685	0.625	ug/L #	16
37) 1,2-Dichloropropane	6.047	63	7844	0.423	ug/L #	88
47) Tetrachloroethene	7.973	164	1850	0.214	ug/L	96
49) Dibromochloromethane	7.976	129	1722	0.213	ug/L #	13
61) 1,2,3-Trichloropropane	11.242	75	10355	1.446	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.908	105	641	0.040	ug/L	98

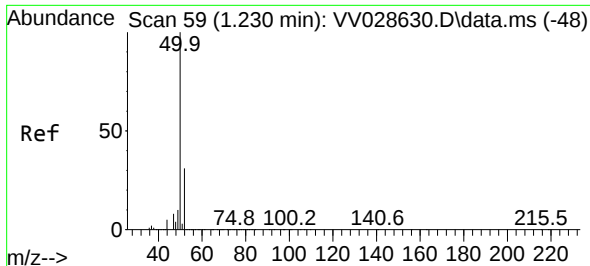
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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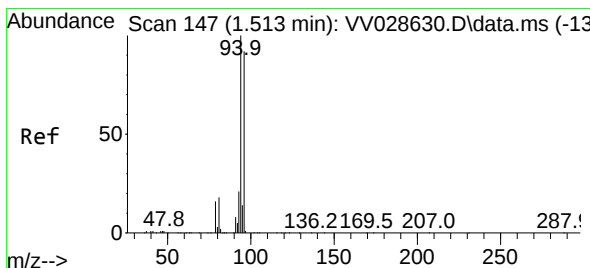
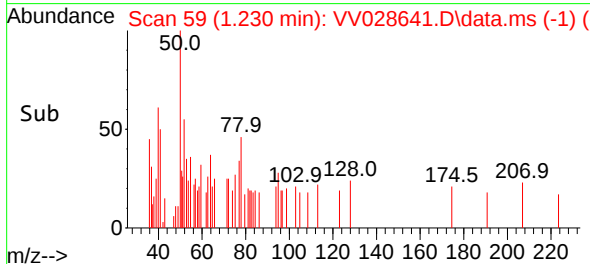
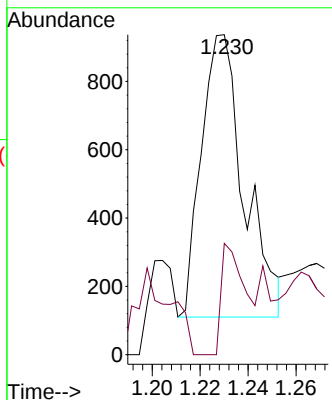
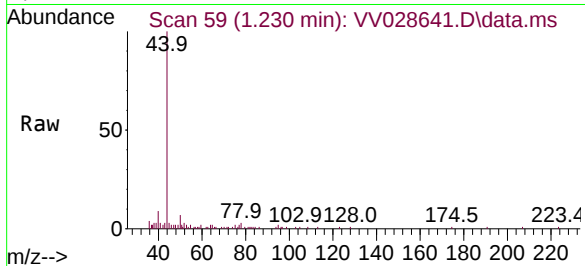




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

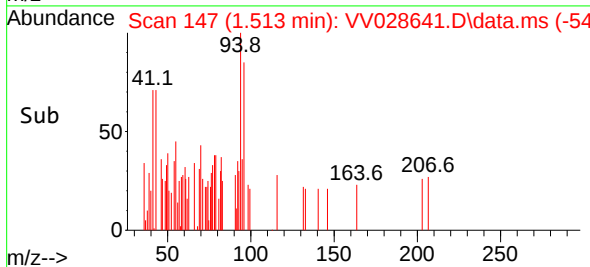
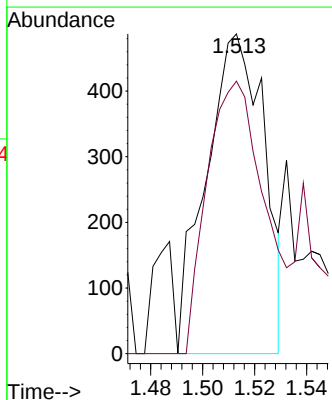
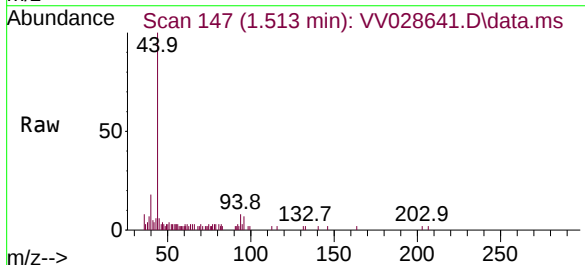
Instrument :
MSVOA_V
ClientSampleId :
BHA57

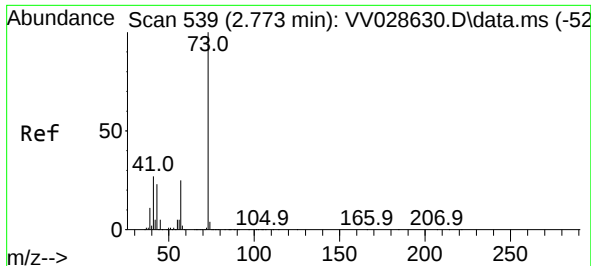
Tgt Ion: 50 Resp: 1022
Ion Ratio Lower Upper
50 100
52 34.8 21.8 40.6



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.513 min Scan# 147
Delta R.T. 0.000 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 85.2 64.3 119.3





#17

Methyl tert-butyl Ether

Concen: 2.120 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV028641.D

Acq: 20 Oct 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

BHA57

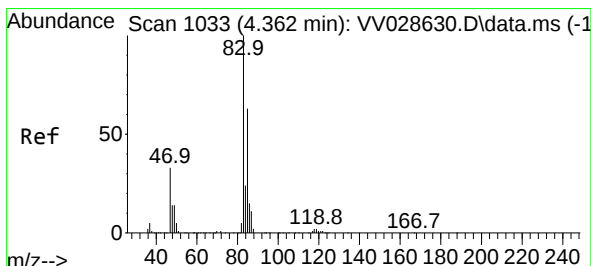
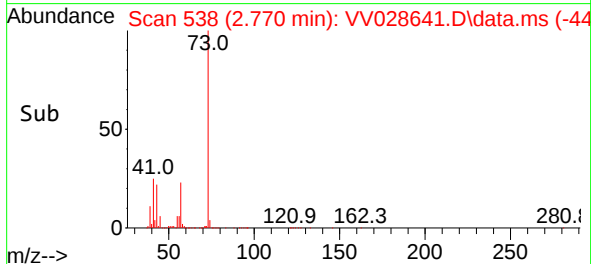
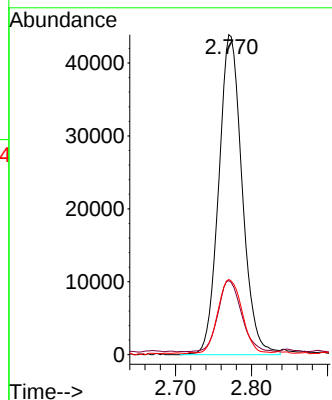
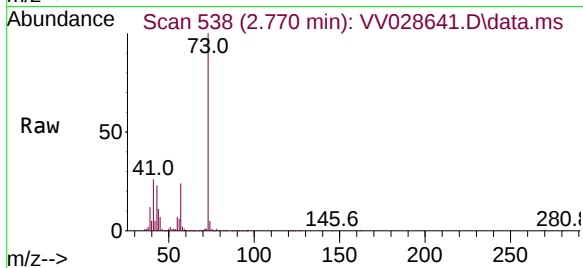
Tgt Ion: 73 Resp: 93789

Ion Ratio Lower Upper

73 100

43 22.4 18.0 27.0

57 23.5 20.0 30.0



#25

Chloroform

Concen: 1.159 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV028641.D

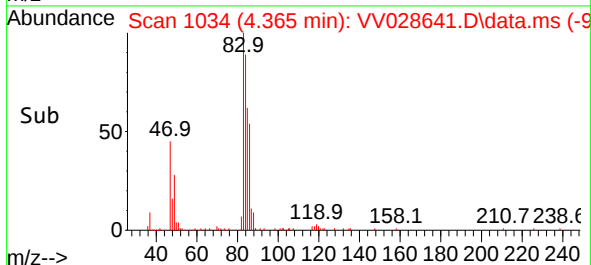
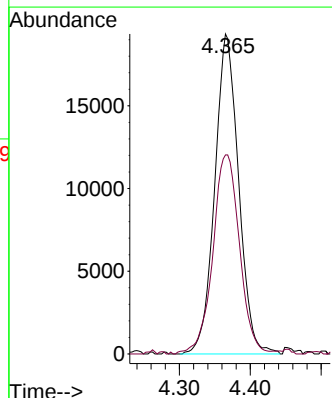
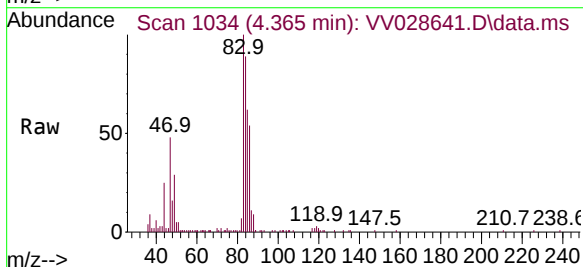
Acq: 20 Oct 2022 17:45

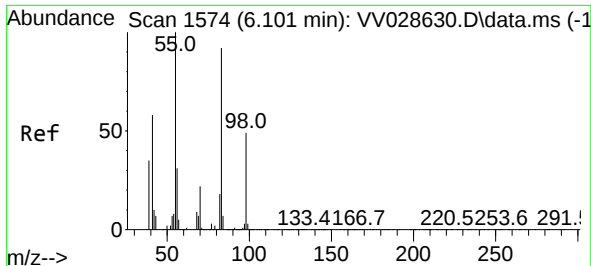
Tgt Ion: 83 Resp: 45254

Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9

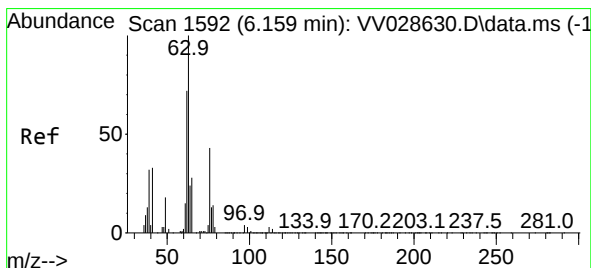
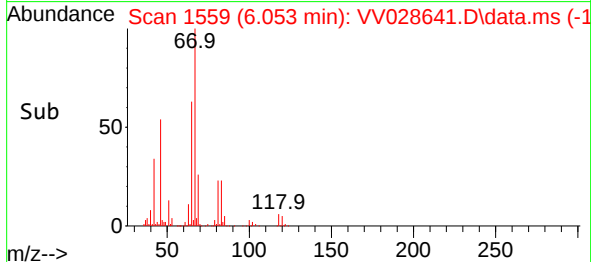
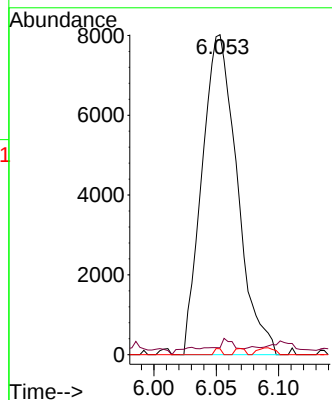
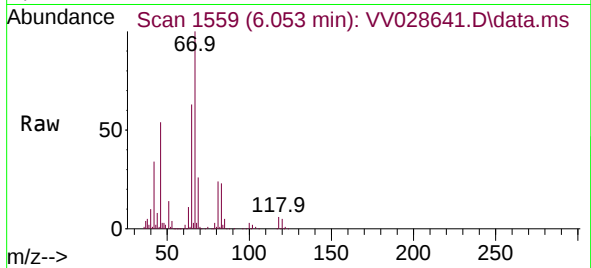




#35
Methylcyclohexane
Concen: 0.625 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.048 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

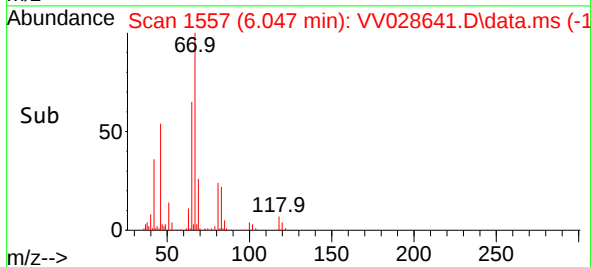
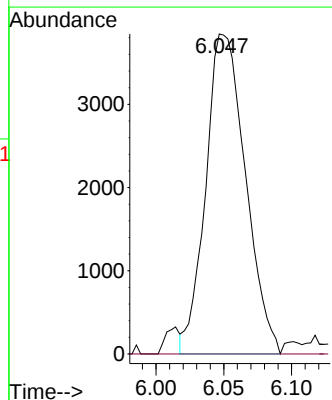
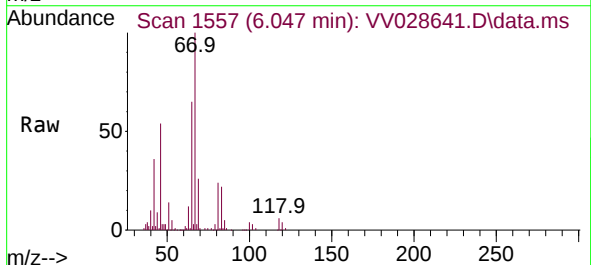
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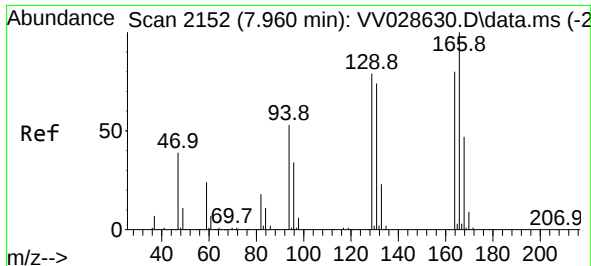
Tgt Ion: 83 Resp: 15685
Ion Ratio Lower Upper
83 100
55 2.0 70.0 105.0#
98 0.4 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 0.423 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.112 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

Tgt Ion: 63 Resp: 7844
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#

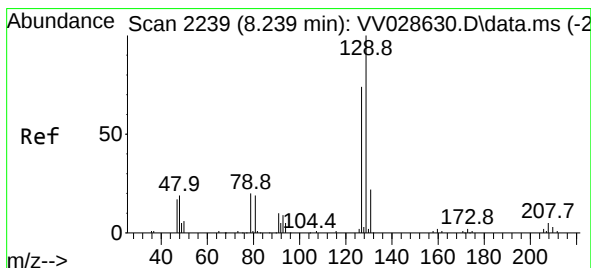
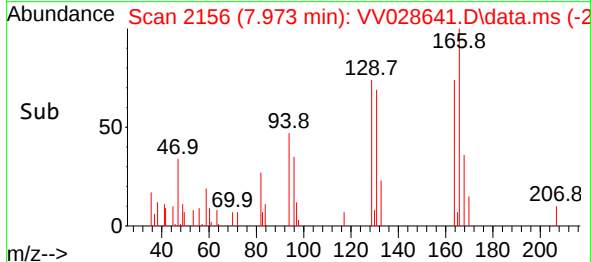
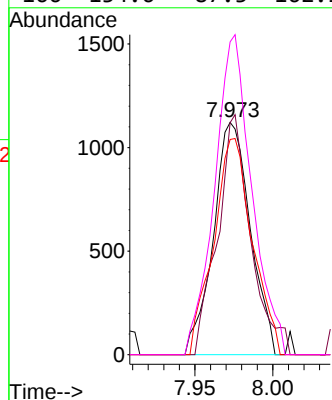
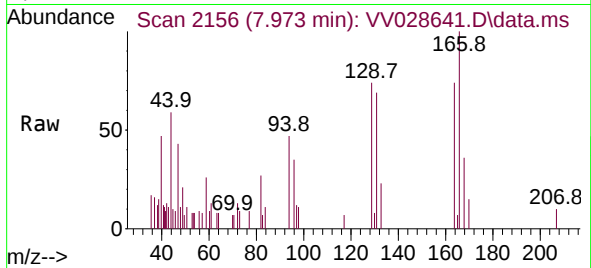




#47
Tetrachloroethene
Concen: 0.214 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.013 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

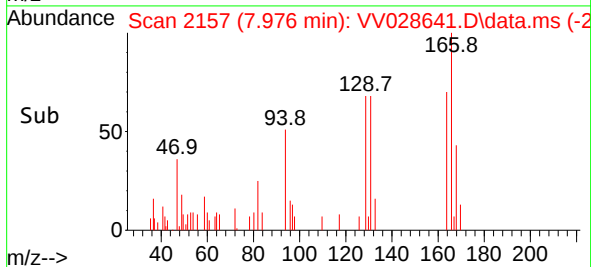
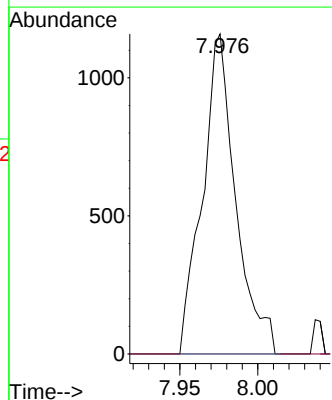
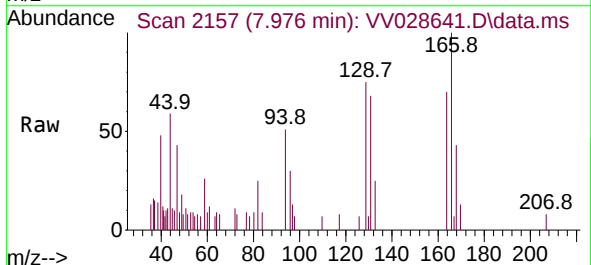
Instrument :
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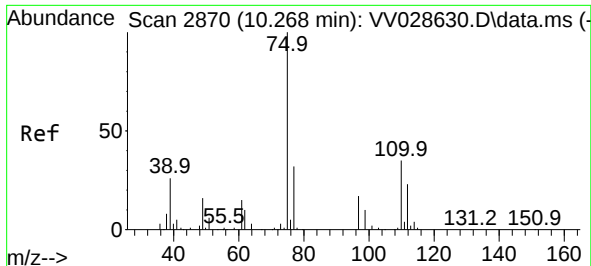
Tgt Ion:	164	Resp:	1850
Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.2	128.6
131	92.6	64.2	119.2
166	134.6	87.3	162.1



#49
Dibromochloromethane
Concen: 0.213 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.264 min
Lab File: VV028641.D
Acq: 20 Oct 2022 17:45

Tgt Ion:	129	Resp:	1722
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.6	95.8#

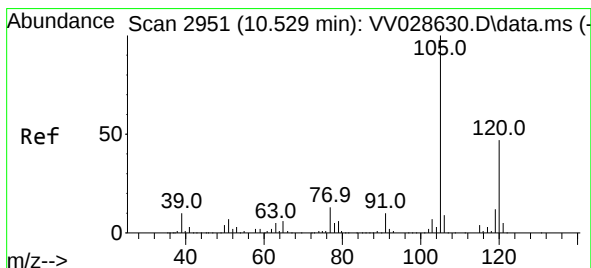
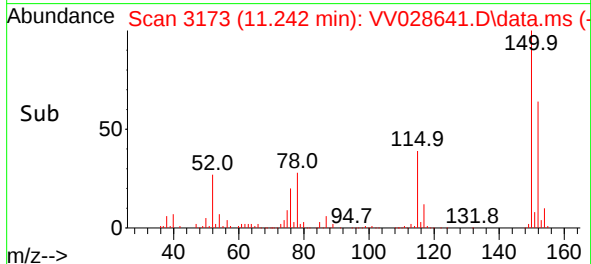
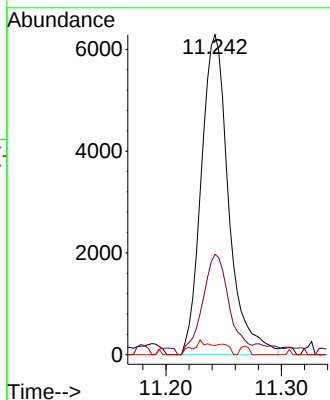
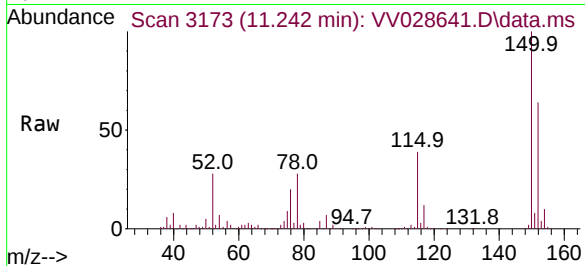




#61
 1,2,3-Trichloropropane
 Concen: 1.446 ug/L
 RT: 11.242 min Scan# 311
 Delta R.T. 0.974 min
 Lab File: VV028641.D
 Acq: 20 Oct 2022 17:45

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Tgt Ion: 75 Resp: 10355
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 110 1.4 27.9 41.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.040 ug/L
 RT: 10.908 min Scan# 3069
 Delta R.T. 0.379 min
 Lab File: VV028641.D
 Acq: 20 Oct 2022 17:45

Tgt Ion: 105 Resp: 641
 Ion Ratio Lower Upper
 105 100
 120 49.5 38.3 57.5

