

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031028.D
 Acq On : 15 May 2023 16:06
 Operator : SY/MD
 Sample : 02767-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C11F0

Quant Time: May 16 00:16:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:10:06 2023
 Response via : Initial Calibration

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

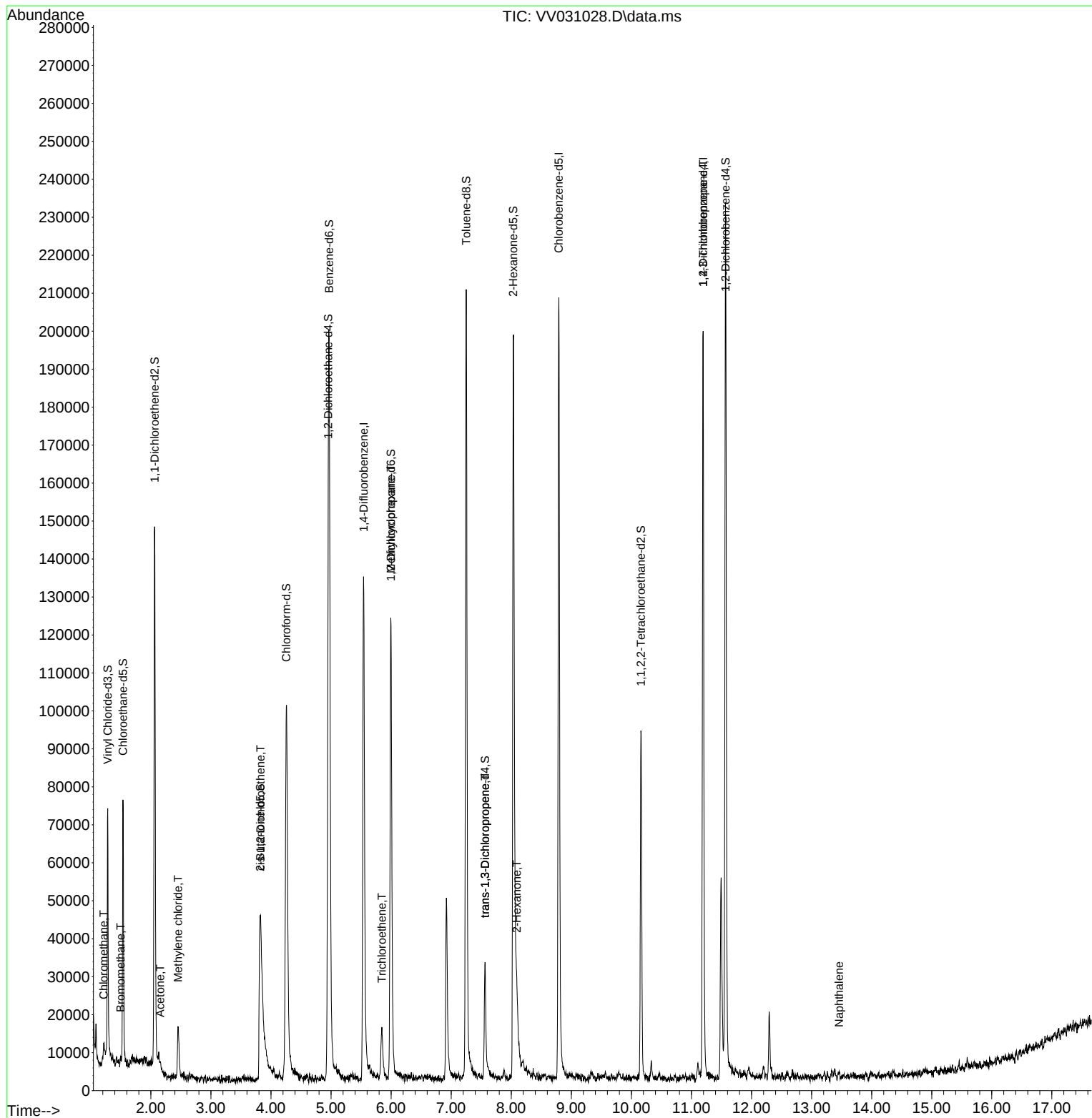
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	115450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	112738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	42187	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.536	69	41736	5.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.063	65	23589	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.822	46	102663	60.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.720%
24) Chloroform-d	4.256	84	102705	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	4.953	65	53522	5.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	4.966	84	173191	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	5.998	67	50701	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.249	98	144096	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.564	79	17152	4.762	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.034	63	68789	54.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	39241	5.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	59960	5.696	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3160	0.295	ug/L	93
6) Bromomethane	1.497	94	685	0.161	ug/L	99
13) Acetone	2.153	43	4937	3.427	ug/L	90
16) Methylene chloride	2.455	84	6890	0.784	ug/L	86
22) cis-1,2-Dichloroethene	3.825	96	1081	0.144	ug/L #	73
34) Trichloroethene	5.847	95	4120	0.545	ug/L	84
35) Methylcyclohexane	5.995	83	13820	1.180	ug/L #	19
44) trans-1,3-Dichloropropene	7.564	75	952	0.111	ug/L #	51
48) 2-Hexanone	8.092	43	10190	3.812	ug/L	96
61) 1,2,3-Trichloropropane	11.194	75	5640	1.590	ug/L #	56
71) Naphthalene	13.458	128	876	0.064	ug/L #	78

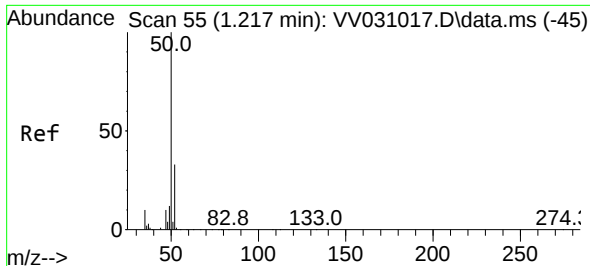
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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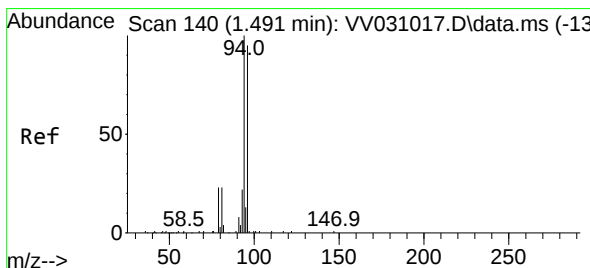
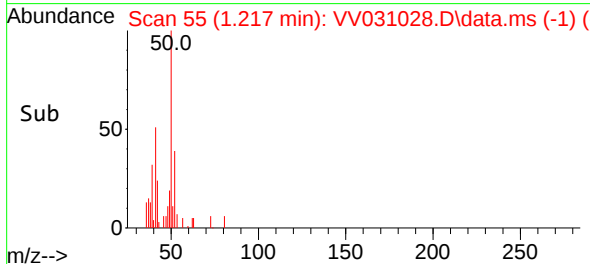
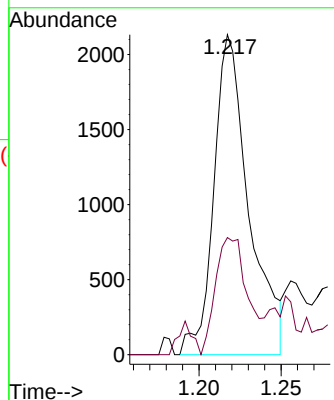
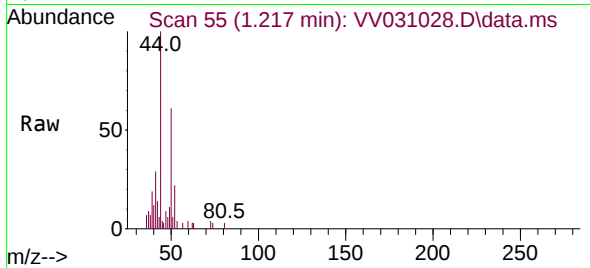




#3
Chloromethane
Concen: 0.295 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

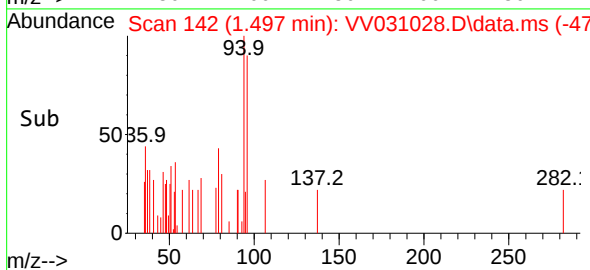
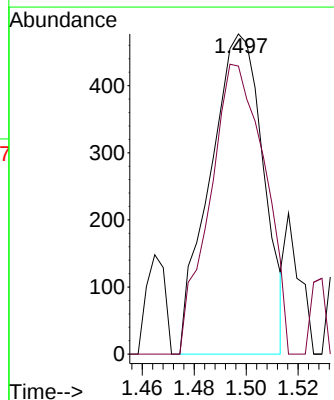
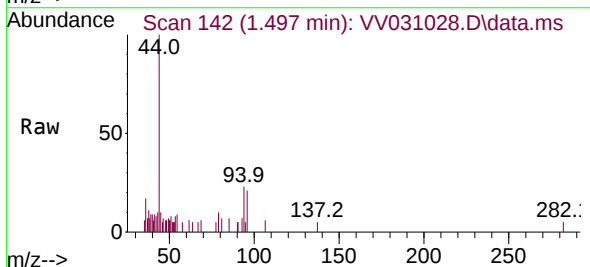
Instrument :
MSVOA_V
ClientSampleId :
C11F0

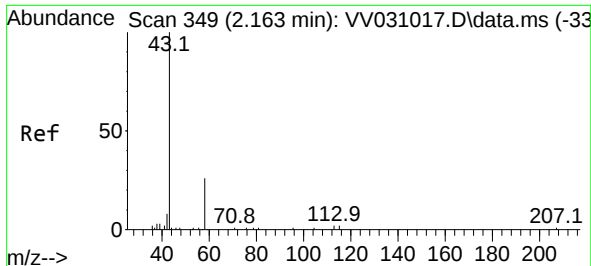
Tgt Ion: 50 Resp: 3160
Ion Ratio Lower Upper
50 100
52 36.6 22.8 42.4



#6
Bromomethane
Concen: 0.161 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 89.9 63.4 117.8

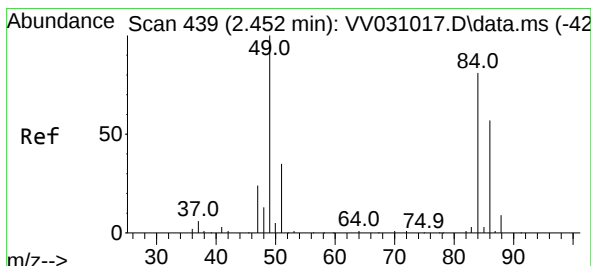
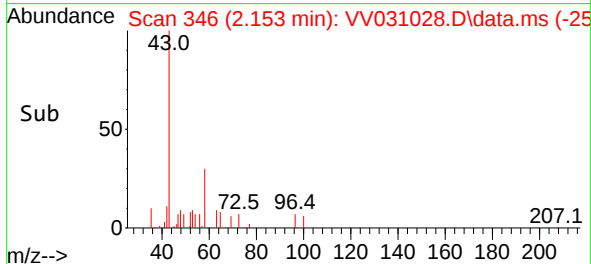
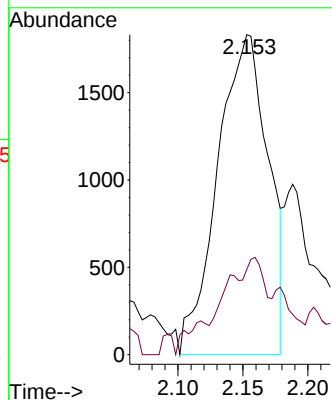
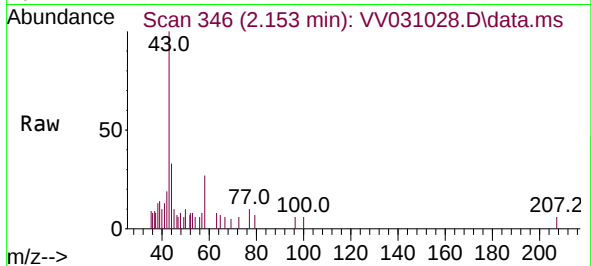




#13
Acetone
Concen: 3.427 ug/L
RT: 2.153 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

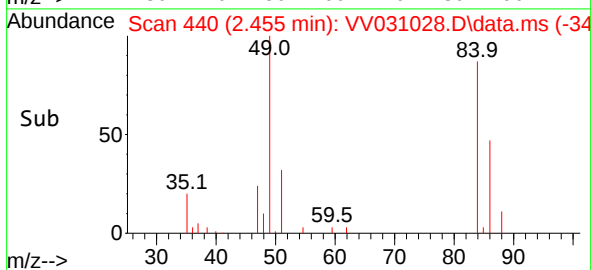
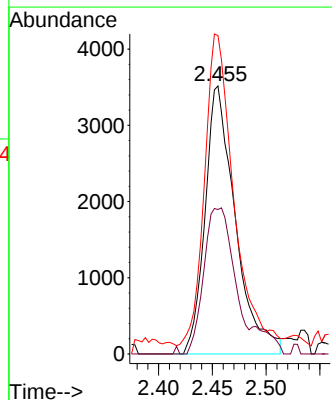
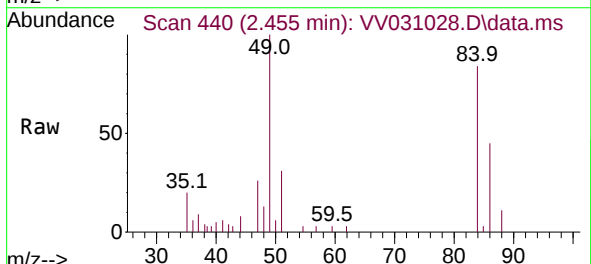
Instrument :
MSVOA_V
ClientSampleId :
C11F0

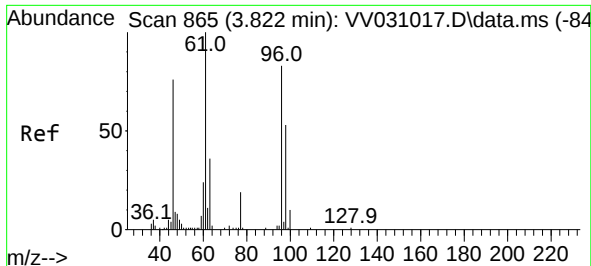
Tgt Ion: 43 Resp: 4937
Ion Ratio Lower Upper
43 100
58 14.1 0.0 37.0



#16
Methylene chloride
Concen: 0.784 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

Tgt Ion: 84 Resp: 6890
Ion Ratio Lower Upper
84 100
86 53.9 46.1 85.5
49 118.8 94.3 175.1

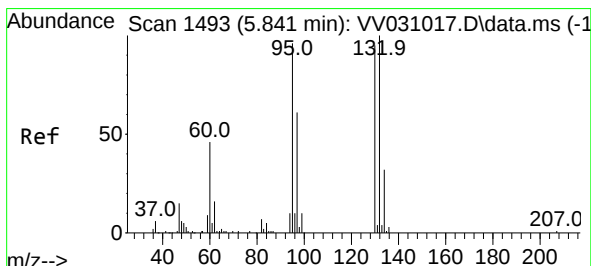
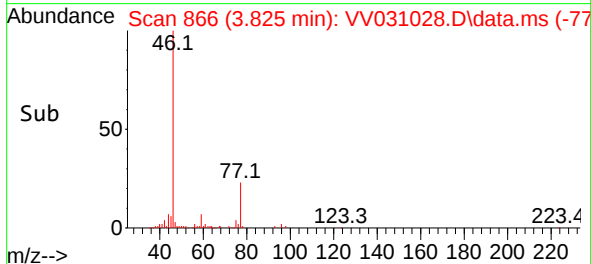
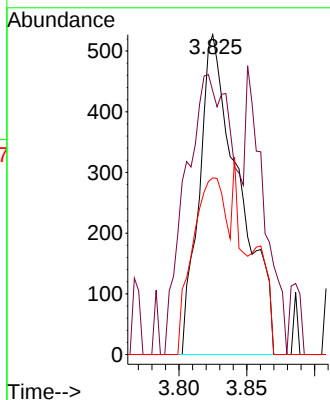
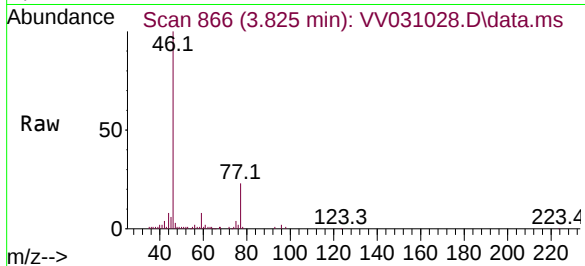




#22
 cis-1,2-Dichloroethene
 Concen: 0.144 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031028.D
 Acq: 15 May 2023 16:06

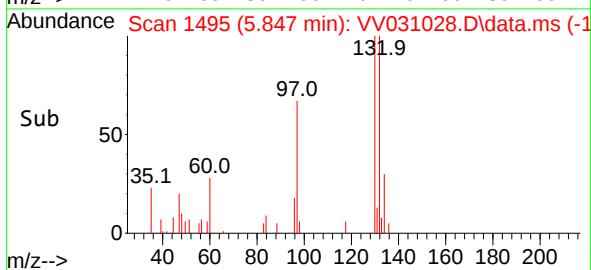
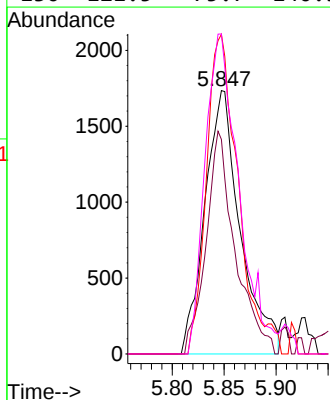
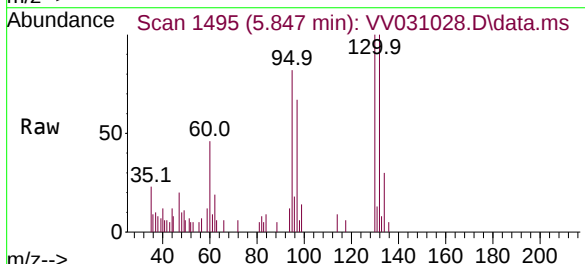
Instrument :
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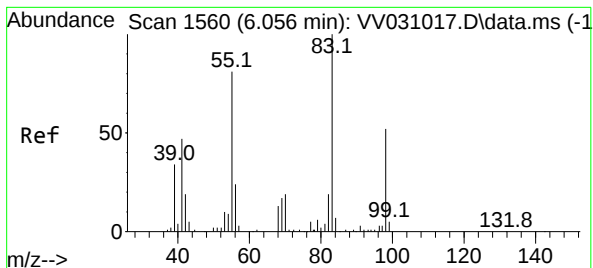
Tgt Ion: 96 Resp: 1081
 Ion Ratio Lower Upper
 96 100
 61 82.4 86.0 159.6#
 98 55.2 43.2 80.2



#34
 Trichloroethene
 Concen: 0.545 ug/L
 RT: 5.847 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: VV031028.D
 Acq: 15 May 2023 16:06

Tgt Ion: 95 Resp: 4120
 Ion Ratio Lower Upper
 95 100
 97 81.4 46.2 85.8
 132 121.4 72.7 135.1
 130 121.5 75.7 140.5





#35

Methylcyclohexane

Concen: 1.180 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV031028.D

Acq: 15 May 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

C11F0

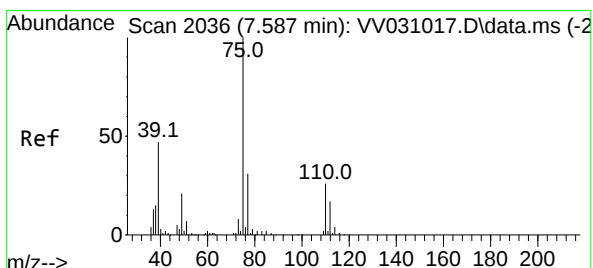
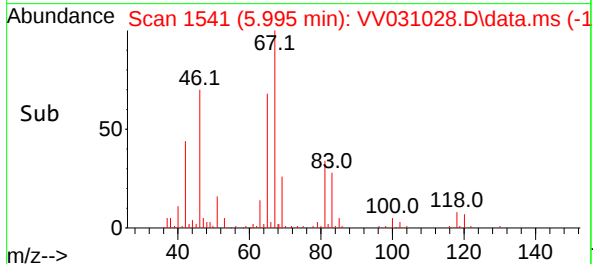
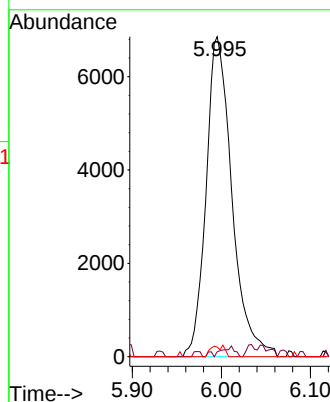
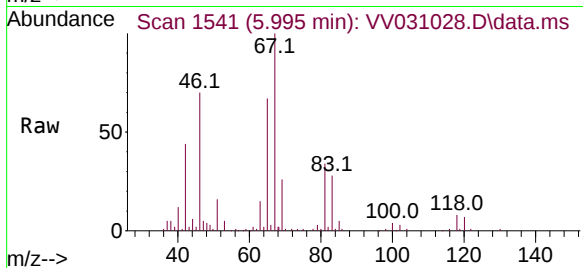
Tgt Ion: 83 Resp: 13820

Ion Ratio Lower Upper

83 100

55 1.6 62.9 94.3#

98 1.8 40.5 60.7#



#44

trans-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.022 min

Lab File: VV031028.D

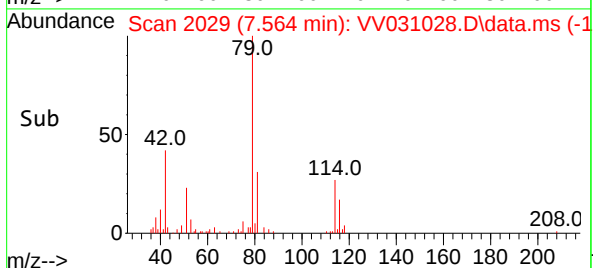
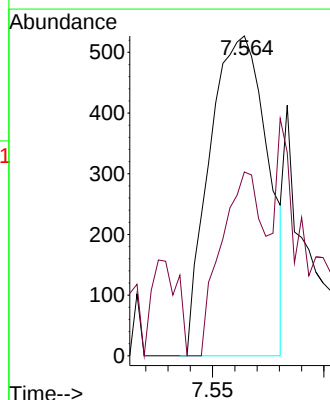
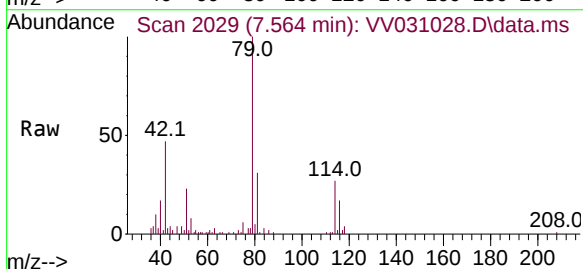
Acq: 15 May 2023 16:06

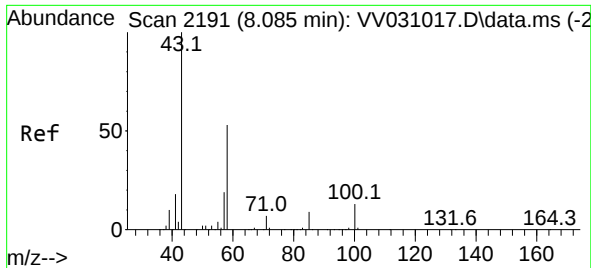
Tgt Ion: 75 Resp: 952

Ion Ratio Lower Upper

75 100

77 57.5 21.6 40.0#

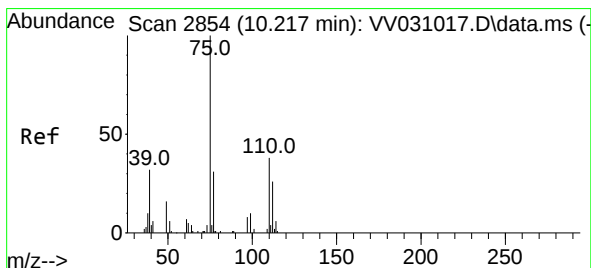
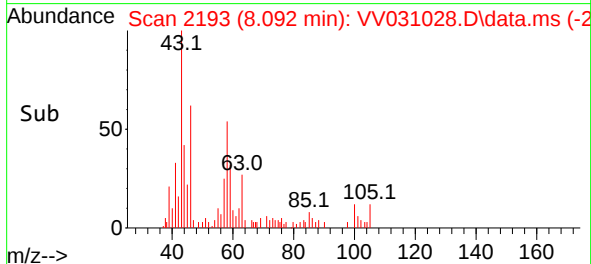
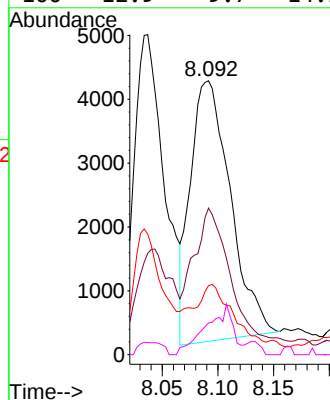
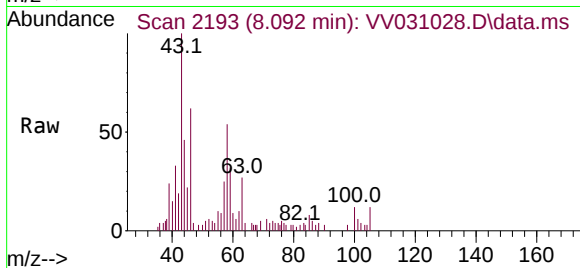




#48
2-Hexanone
Concen: 3.812 ug/L
RT: 8.092 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

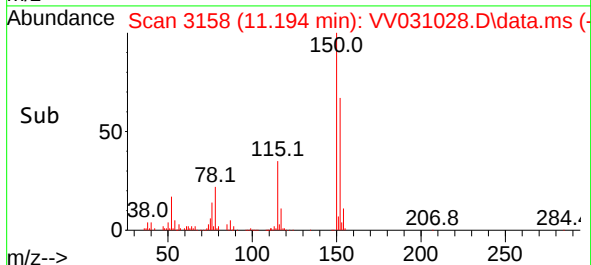
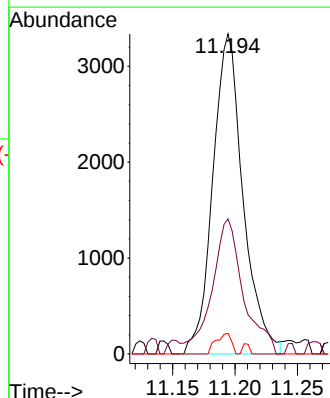
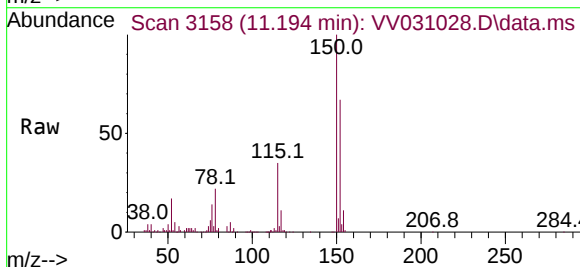
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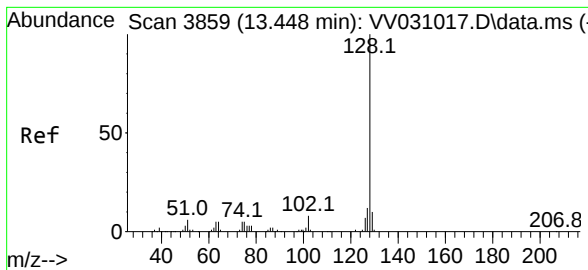
Tgt Ion: 43	Resp: 10190
Ion Ratio	Lower Upper
43 100	
58 53.4	39.9 59.9
57 18.4	14.1 21.1
100 12.9	9.7 14.5



#61
1,2,3-Trichloropropane
Concen: 1.590 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV031028.D
Acq: 15 May 2023 16:06

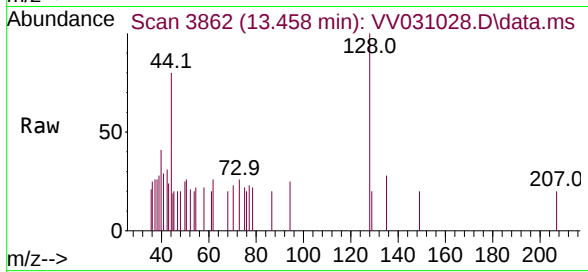
Tgt Ion: 75	Resp: 5640
Ion Ratio	Lower Upper
75 100	
77 43.4	25.3 37.9#
110 3.3	34.0 51.0#





#71
 Naphthalene
 Concen: 0.064 ug/L
 RT: 13.458 min Scan# 3862
 Delta R.T. 0.010 min
 Lab File: VV031028.D
 Acq: 15 May 2023 16:06

Instrument : MSVOA_V
 ClientSampleId : C11F0



Tgt Ion:128 Resp: 876

Ion	Ratio	Lower	Upper
128	100		
129	4.9	8.6	13.0#
127	2.6	10.6	16.0#

