

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031029.D
 Acq On : 15 May 2023 16:29
 Operator : SY/MD
 Sample : 02768-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 00:16:24 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)

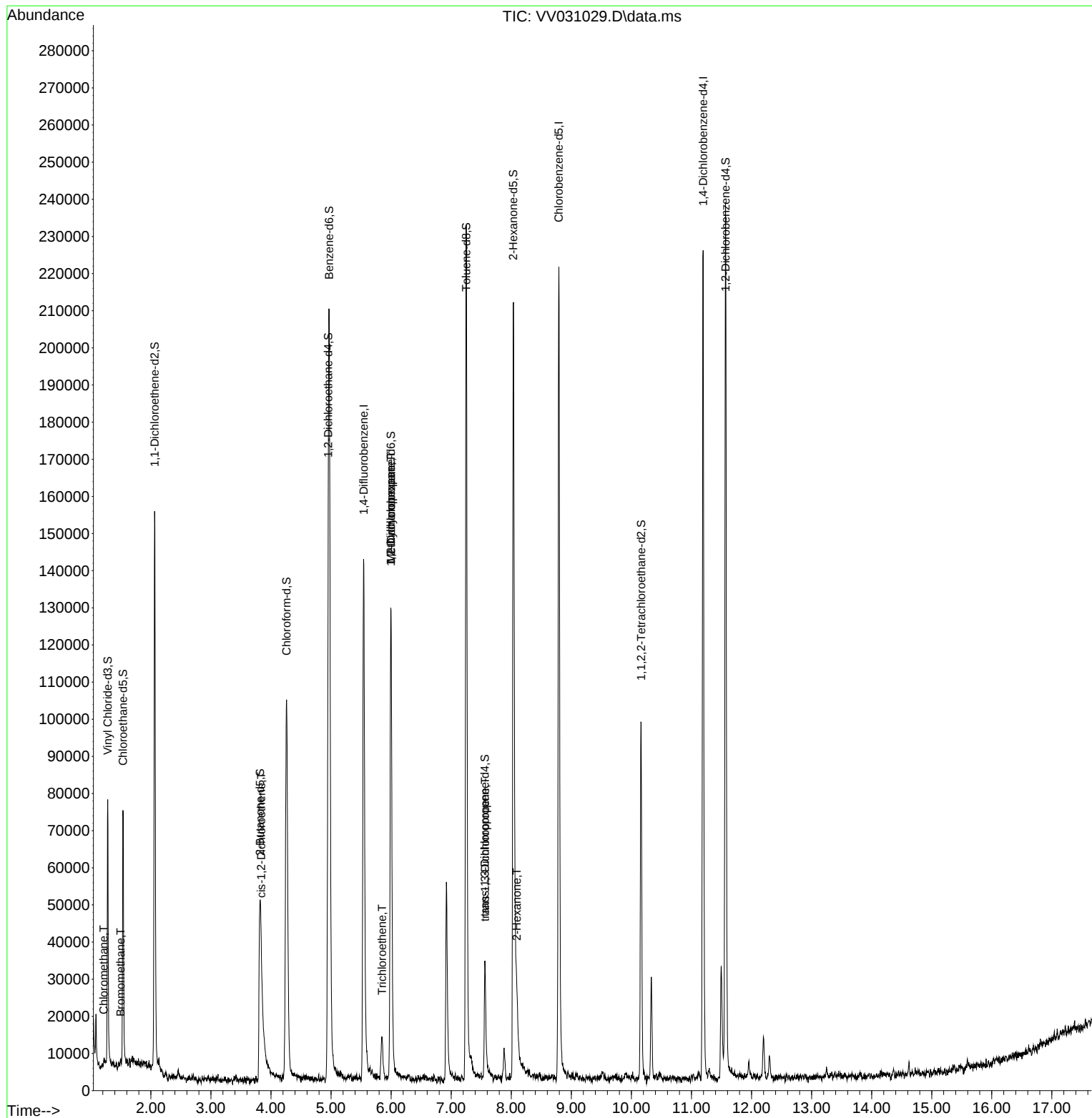
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	123253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46414	4.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.536	69	44627	5.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.063	65	24307	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.818	46	106783	59.299	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.600%
24) Chloroform-d	4.259	84	106945	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	4.953	65	57491	5.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	4.969	84	182480	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.995	67	55691	5.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.249	98	155958	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	19014	4.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.034	63	71268	51.956	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40902	5.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	62177	5.339	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
3) Chloromethane	1.217	50	1380	0.121	ug/L #	30
6) Bromomethane	1.497	94	379	0.083	ug/L	75
22) cis-1,2-Dichloroethene	3.838	96	959	0.120	ug/L	81
34) Trichloroethene	5.850	95	3591	0.437	ug/L	97
35) Methylcyclohexane	5.995	83	14712	1.155	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	7817	1.069	ug/L #	87
44) trans-1,3-Dichloropropene	7.564	75	1226	0.131	ug/L #	65
48) 2-Hexanone	8.092	43	10129	3.486	ug/L #	88

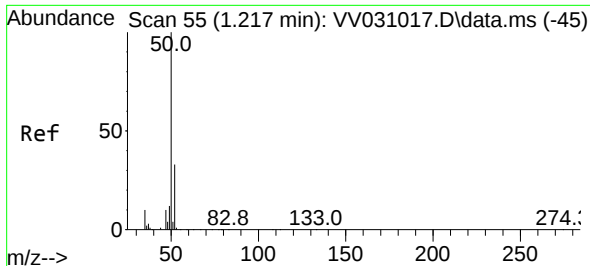
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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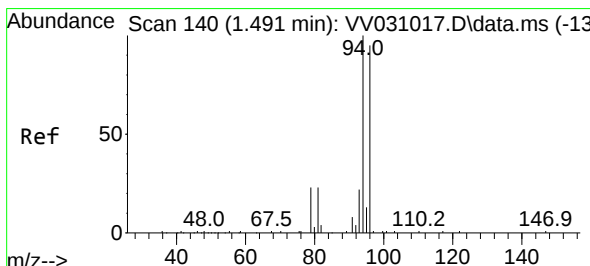
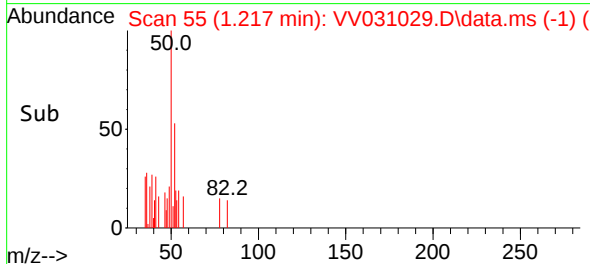
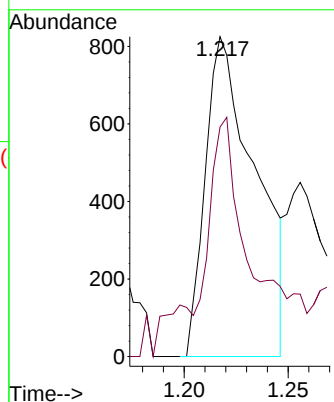
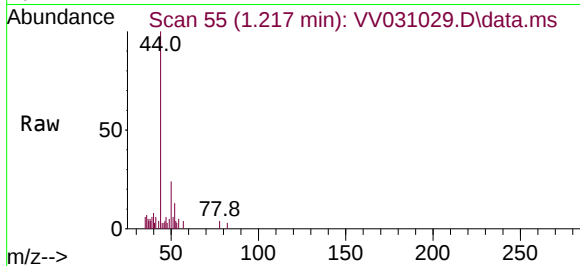




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031029.D
Acq: 15 May 2023 16:29

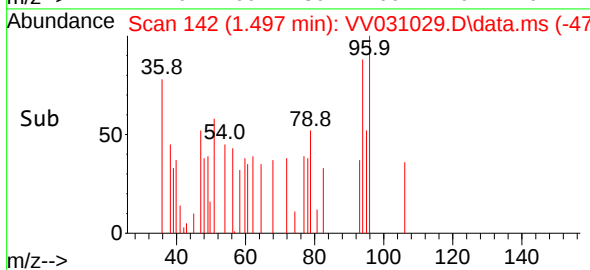
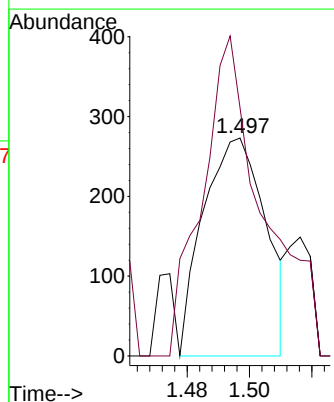
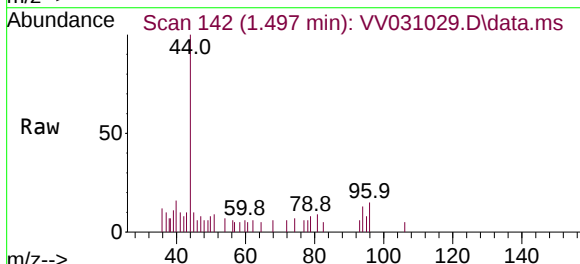
Instrument :
MSVOA_V
ClientSampleId :

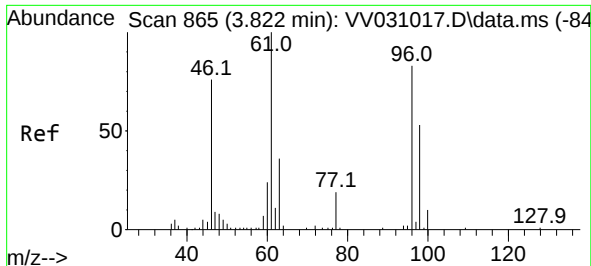
Tgt Ion: 50 Resp: 1380
Ion Ratio Lower Upper
50 100
52 71.8 22.8 42.4#



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031029.D
Acq: 15 May 2023 16:29

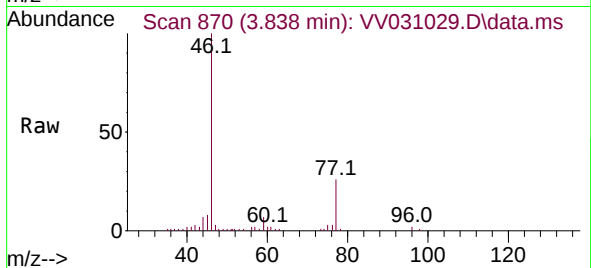
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 113.9 63.4 117.8



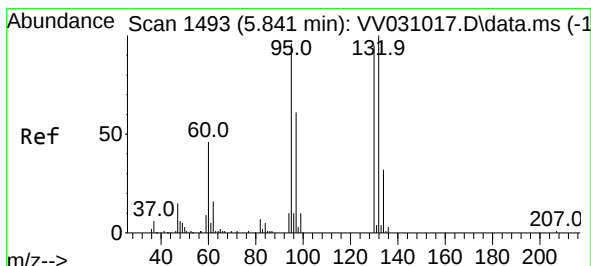
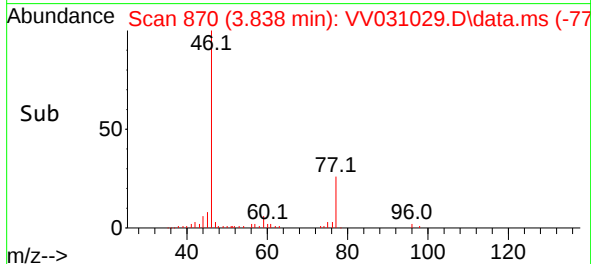
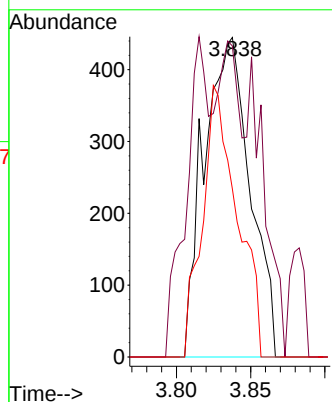


#22
 cis-1,2-Dichloroethene
 Concen: 0.120 ug/L
 RT: 3.838 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VV031029.D
 Acq: 15 May 2023 16:29

Instrument :
 MSVOA_V
 ClientSampleId :

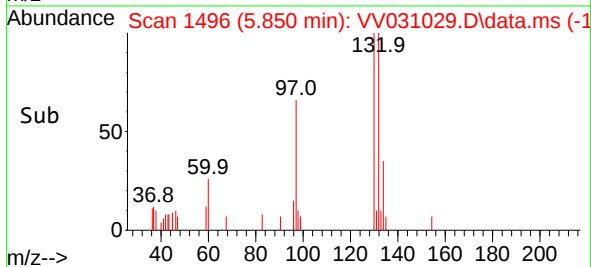
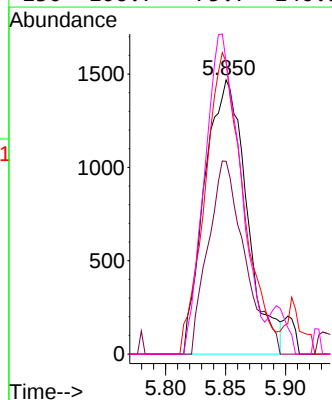
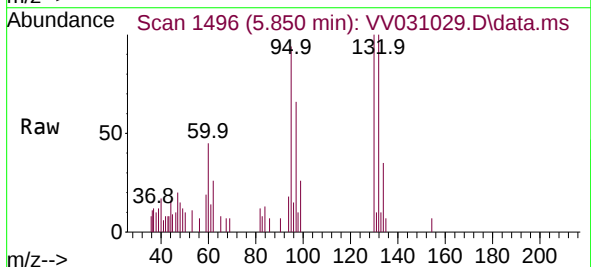


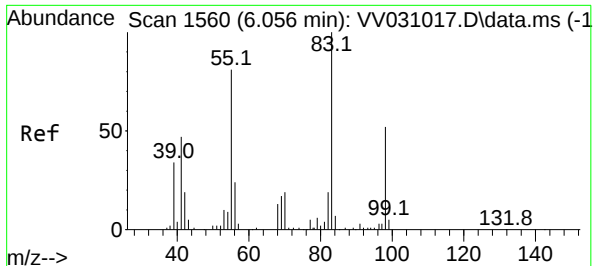
Tgt Ion: 96 Resp: 959
 Ion Ratio Lower Upper
 96 100
 61 97.3 86.0 159.6
 98 52.6 43.2 80.2



#34
 Trichloroethene
 Concen: 0.437 ug/L
 RT: 5.850 min Scan# 1496
 Delta R.T. 0.010 min
 Lab File: VV031029.D
 Acq: 15 May 2023 16:29

Tgt Ion: 95 Resp: 3591
 Ion Ratio Lower Upper
 95 100
 97 70.3 46.2 85.8
 132 106.5 72.7 135.1
 130 106.7 75.7 140.5





#35

Methylcyclohexane

Concen: 1.155 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV031029.D

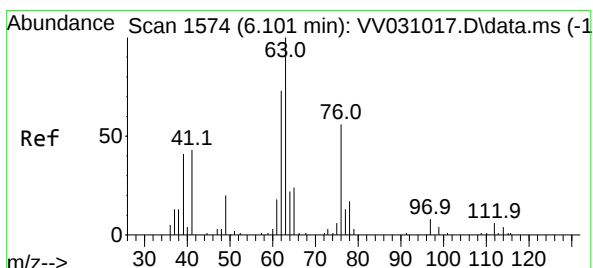
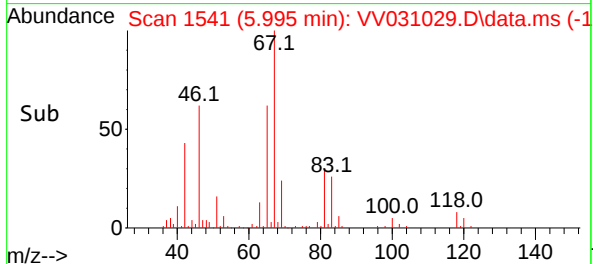
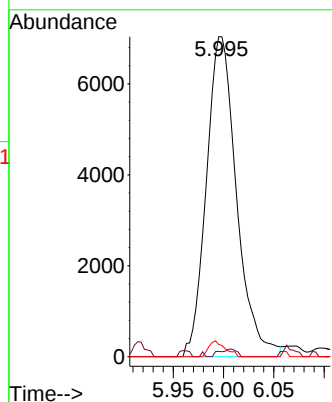
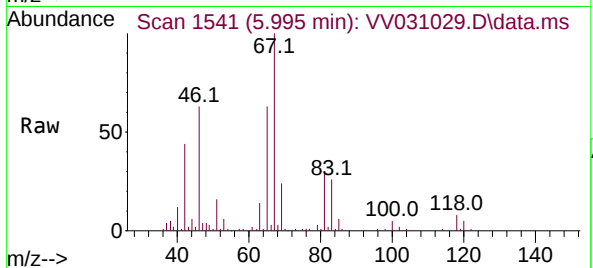
Acq: 15 May 2023 16:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	14712
Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.9	94.3#
98	2.7	40.5	60.7#



#37

1,2-Dichloropropane

Concen: 1.069 ug/L

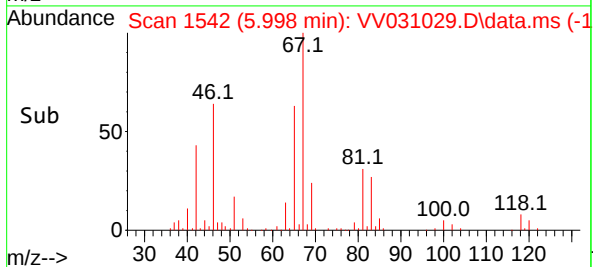
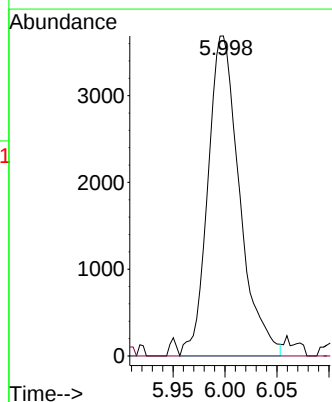
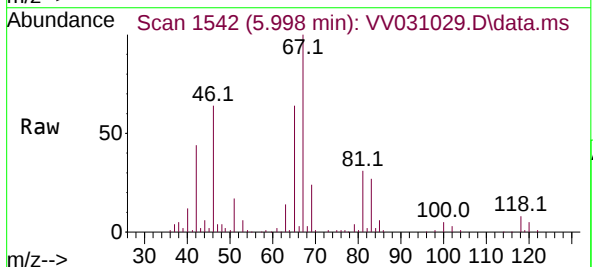
RT: 5.998 min Scan# 1542

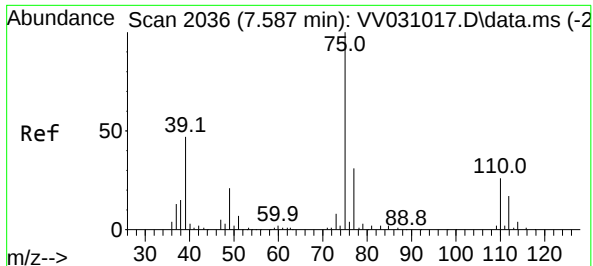
Delta R.T. -0.103 min

Lab File: VV031029.D

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Tgt Ion:	63	Resp:	7817
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#

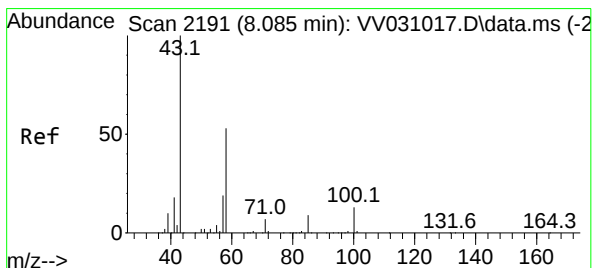
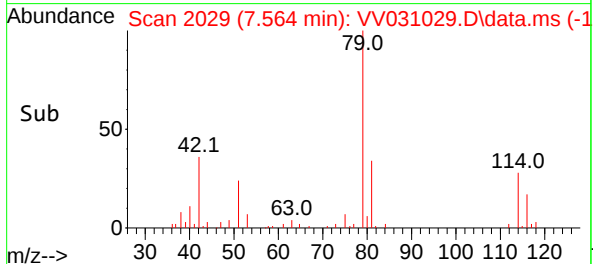
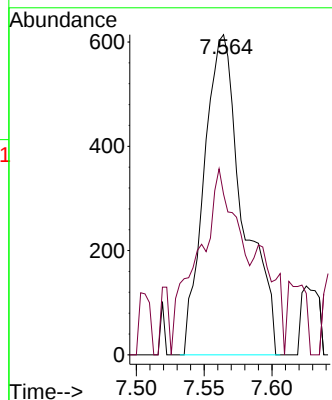
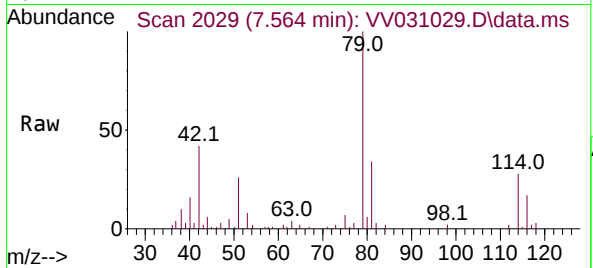




#44
 trans-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.564 min Scan# 2036
 Delta R.T. -0.023 min
 Lab File: VV031029.D
 Acq: 15 May 2023 16:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 1226
 Ion Ratio Lower Upper
 75 100
 77 50.2 21.6 40.0#



#48
 2-Hexanone
 Concen: 3.486 ug/L
 RT: 8.092 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: VV031029.D
 Acq: 15 May 2023 16:29

Tgt Ion: 43 Resp: 10129
 Ion Ratio Lower Upper
 43 100
 58 46.2 39.9 59.9
 57 3.0 14.1 21.1#
 100 15.2 9.7 14.5#

