

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029198.D
 Acq On : 20 Nov 2022 02:33
 Operator : SY/MD
 Sample : N5648-16DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46F5DL

Quant Time: Nov 20 04:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

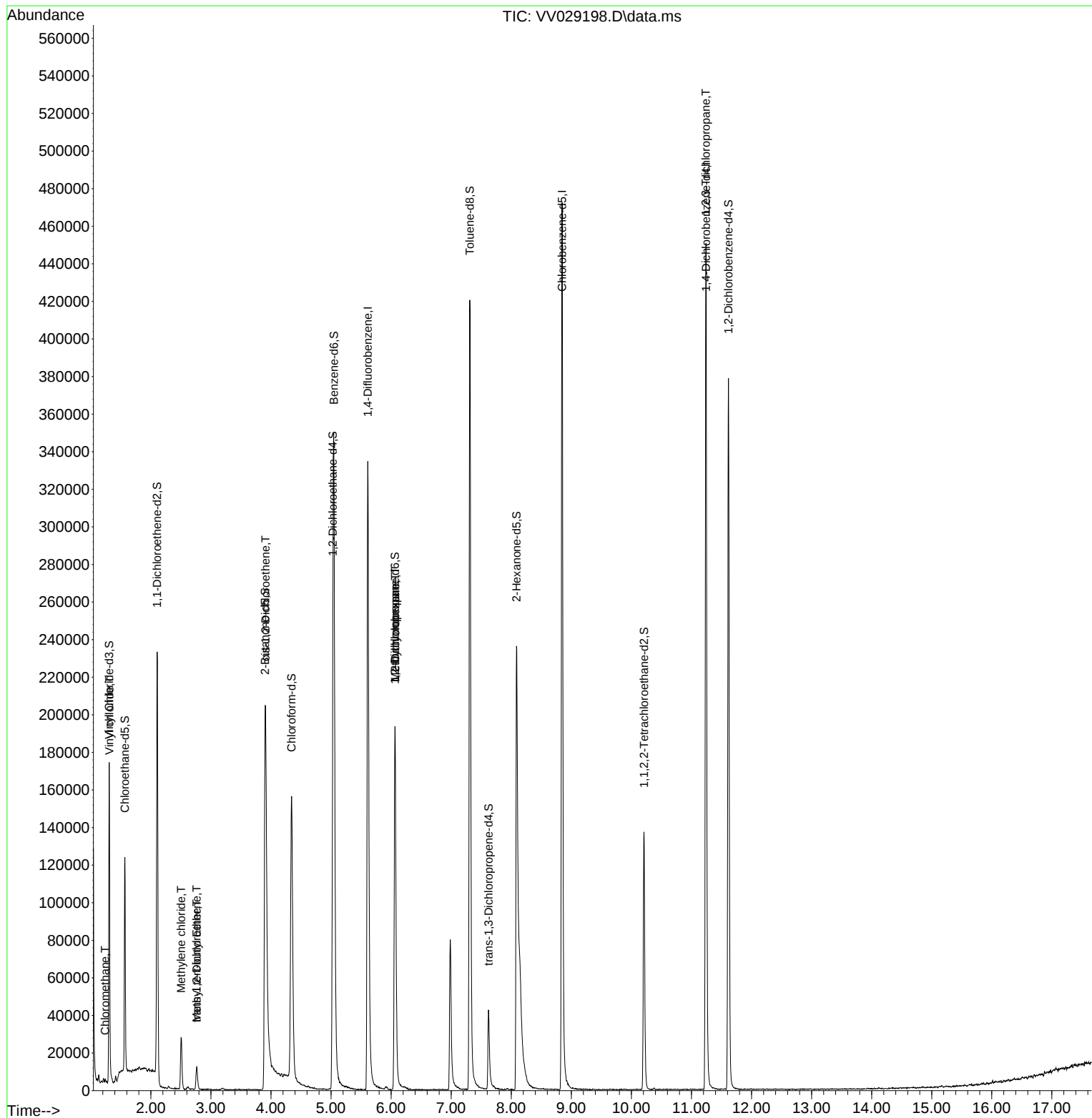
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	313997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	290812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	129028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91099	4.759	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.568	69	74601	4.433	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.105	63	116971	3.353	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.000%	
20) 2-Butanone-d5	3.902	46	91553	28.571	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	57.140%	
24) Chloroform-d	4.343	84	165776	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.031	65	74539	4.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
32) Benzene-d6	5.047	84	346212	3.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.063	67	101214	4.176	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.310	98	300194	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	7.622	79	28979	3.666	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.088	63	133574	39.584	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.160%	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	71745	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	108230	4.688	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1014	0.047	ug/L	99
5) Vinyl chloride	1.311	62	28918	1.167	ug/L	90
16) Methylene chloride	2.503	84	12439	0.506	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	3701	0.091	ug/L #	85
18) trans-1,2-Dichloroethene	2.764	96	3570	0.162	ug/L	91
22) cis-1,2-Dichloroethene	3.909	96	93367	4.166	ug/L	98
35) Methylcyclohexane	6.066	83	25205	0.630	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10680	0.521	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	14299	1.622	ug/L #	65

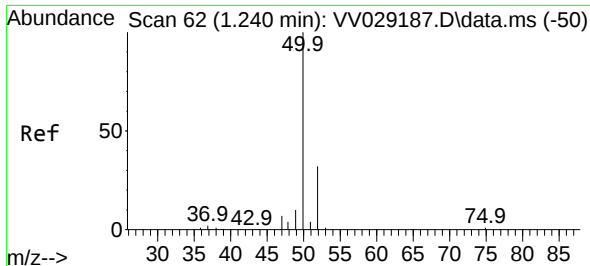
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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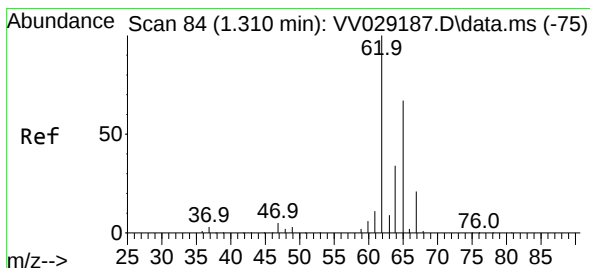
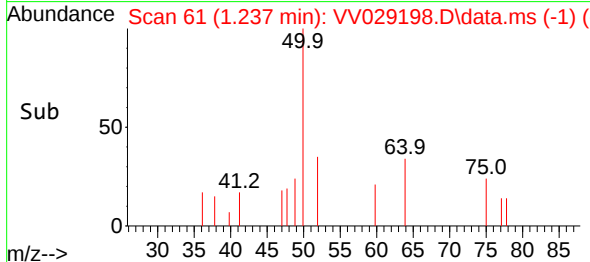
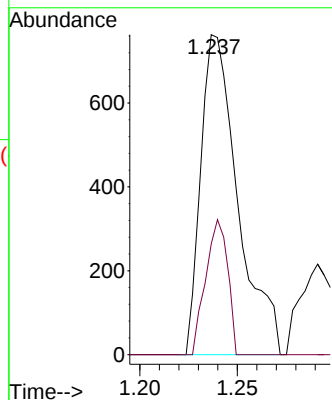
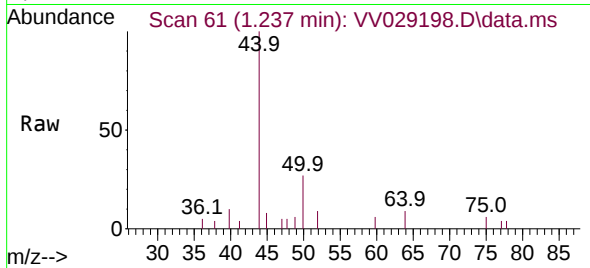




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029198.D
Acq: 20 Nov 2022 02:33

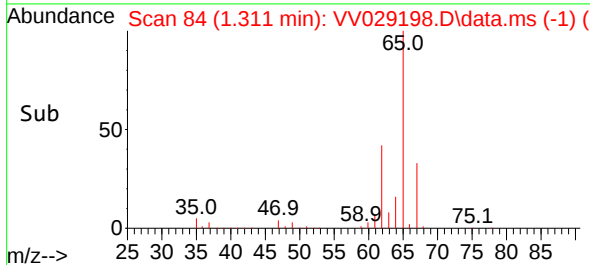
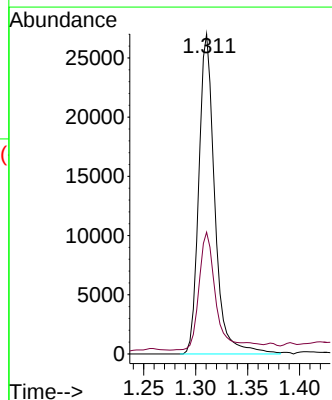
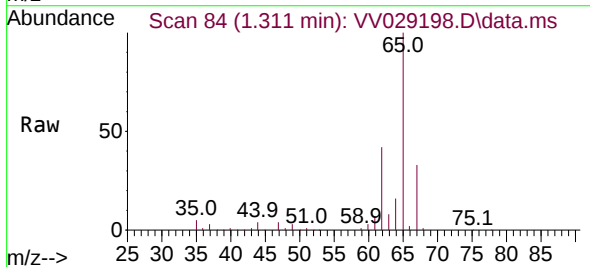
Instrument :
MSVOA_V
ClientSampleId :
H46F5DL

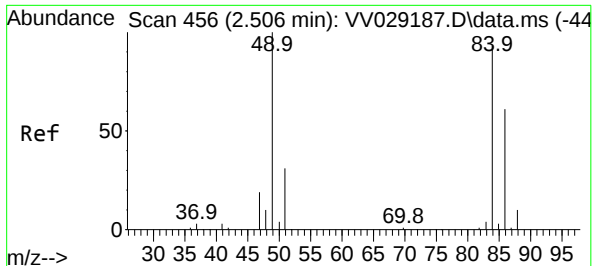
Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 34.6 23.7 43.9



#5
Vinyl chloride
Concen: 1.167 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029198.D
Acq: 20 Nov 2022 02:33

Tgt Ion: 62 Resp: 28918
Ion Ratio Lower Upper
62 100
64 38.0 22.8 42.4

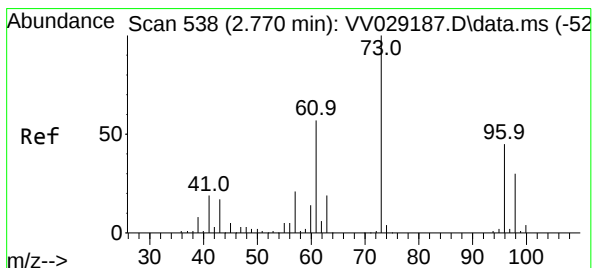
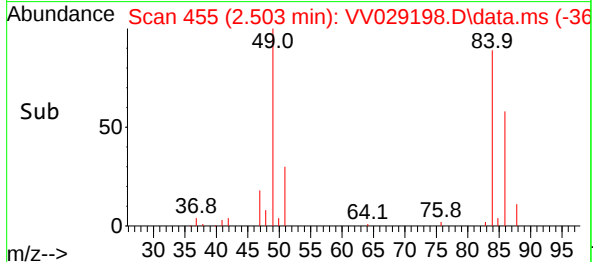
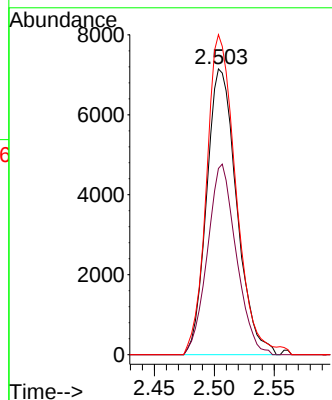
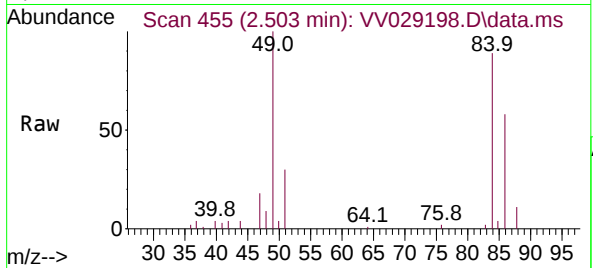




#16
Methylene chloride
Concen: 0.506 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029198.D
Acq: 20 Nov 2022 02:33

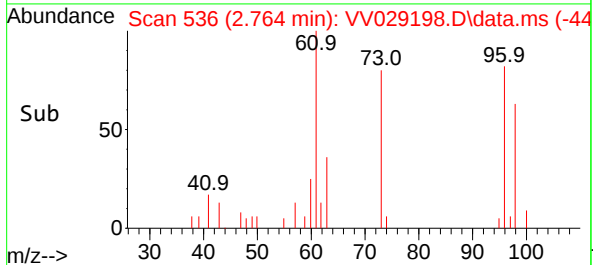
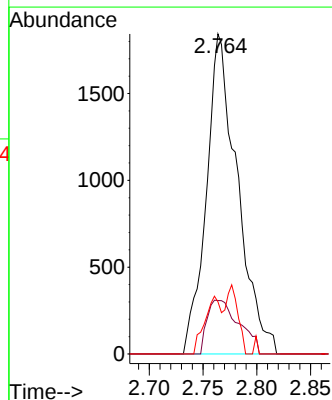
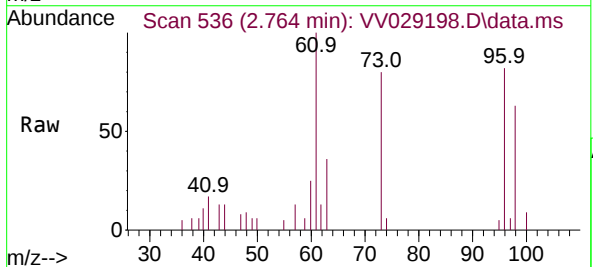
Instrument :
MSVOA_V
ClientSampleId :
H46F5DL

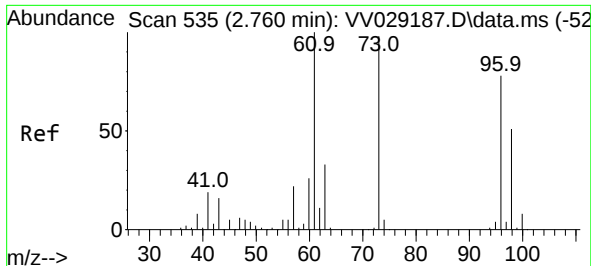
Tgt Ion: 84 Resp: 12439
Ion Ratio Lower Upper
84 100
86 65.2 45.8 85.0
49 112.0 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.091 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV029198.D
Acq: 20 Nov 2022 02:33

Tgt Ion: 73 Resp: 3701
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.4
57 9.4 16.6 24.8#

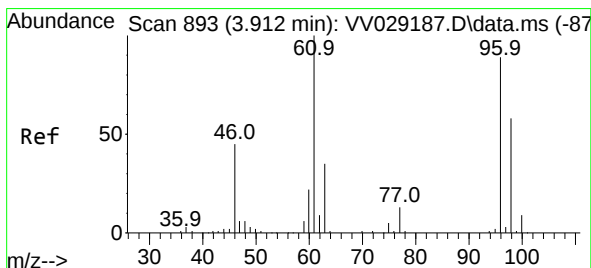
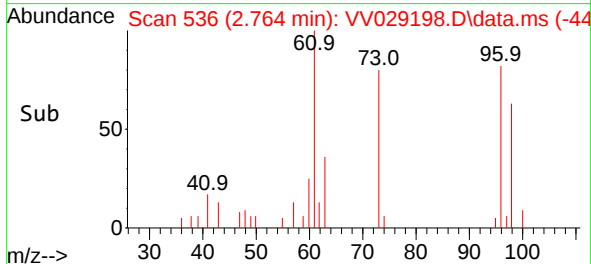
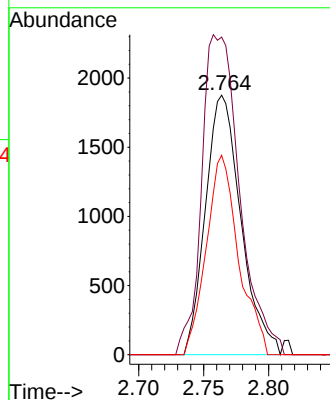
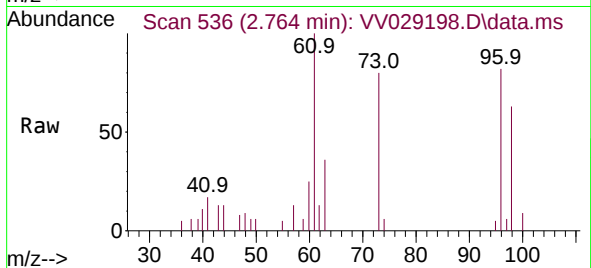




#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029198.D
Acq: 20 Nov 2022 02:33

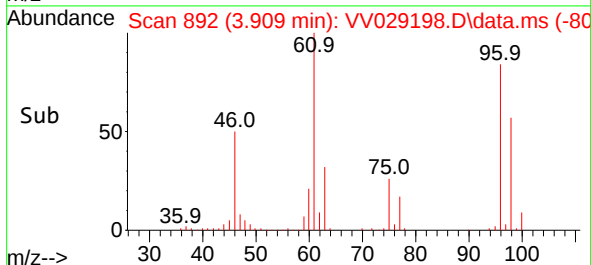
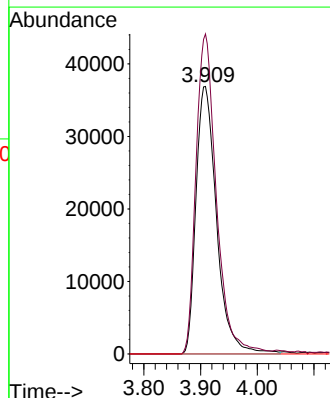
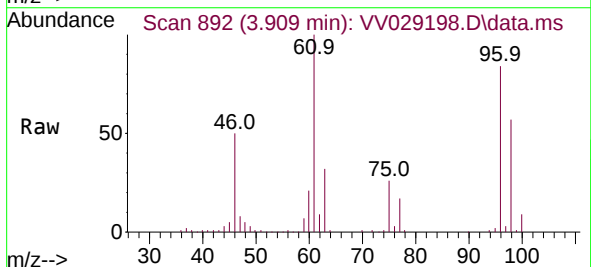
Instrument :
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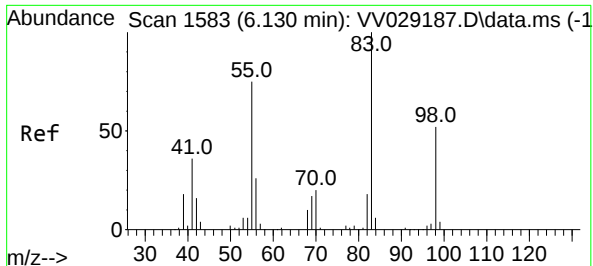
Tgt Ion: 96 Resp: 3570
Ion Ratio Lower Upper
96 100
61 122.4 91.8 170.6
98 76.8 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 4.166 ug/L
RT: 3.909 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029198.D
Acq: 20 Nov 2022 02:33

Tgt Ion: 96 Resp: 93367
Ion Ratio Lower Upper
96 100
61 119.6 82.3 152.9
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029198.D

Acq: 20 Nov 2022 02:33

Instrument :

MSVOA_V

ClientSampleId :

H46F5DL

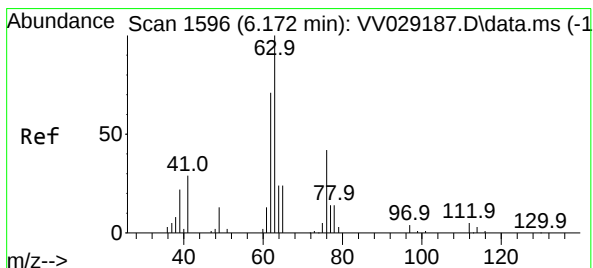
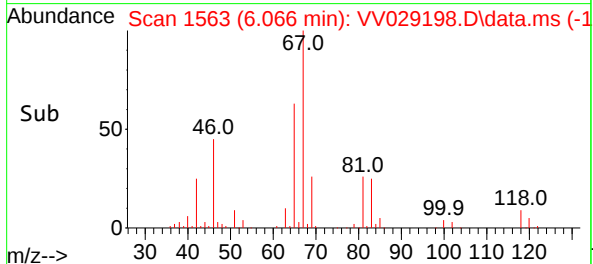
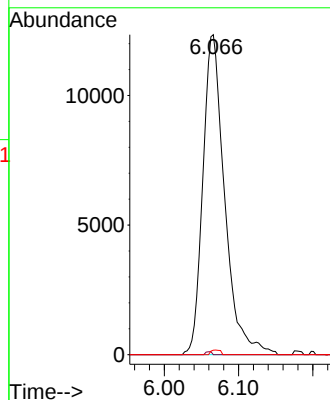
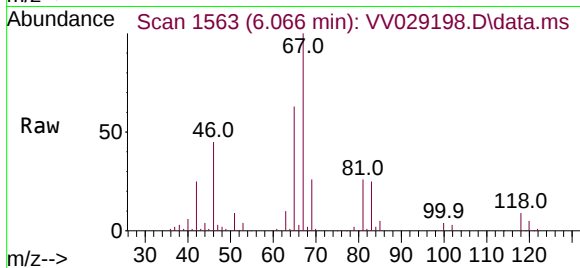
Tgt Ion: 83 Resp: 25205

Ion Ratio Lower Upper

83 100

55 0.3 55.8 83.6#

98 0.6 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029198.D

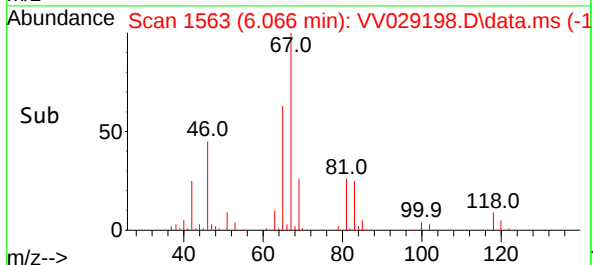
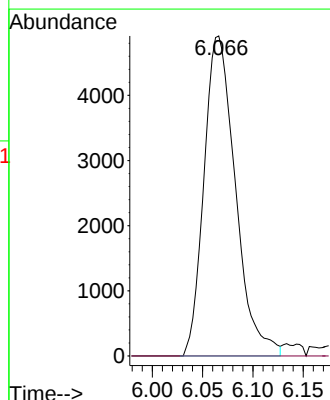
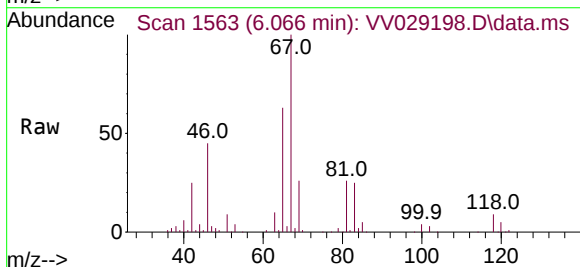
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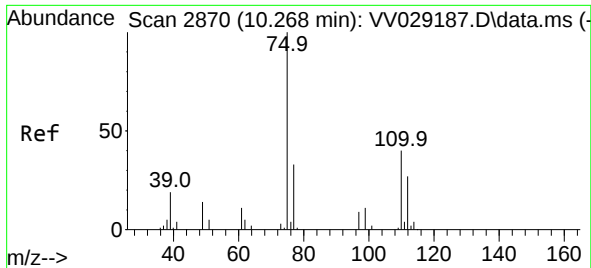
Tgt Ion: 63 Resp: 10680

Ion Ratio Lower Upper

63 100

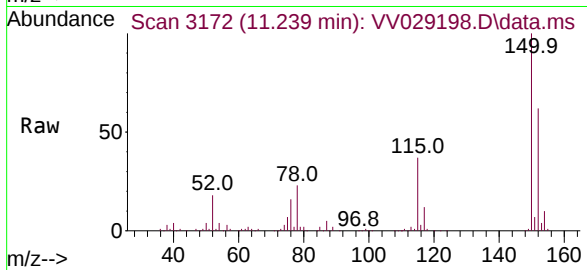
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.622 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029198.D
 Acq: 20 Nov 2022 02:33

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 MSVOA_V
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Tgt Ion: 75 Resp: 14299
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2
 110 2.3 32.6 48.8#

