

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029170.D
 Acq On : 19 Nov 2022 14:57
 Operator : SY/MD
 Sample : N5687-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE4DL

Quant Time: Nov 20 00:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

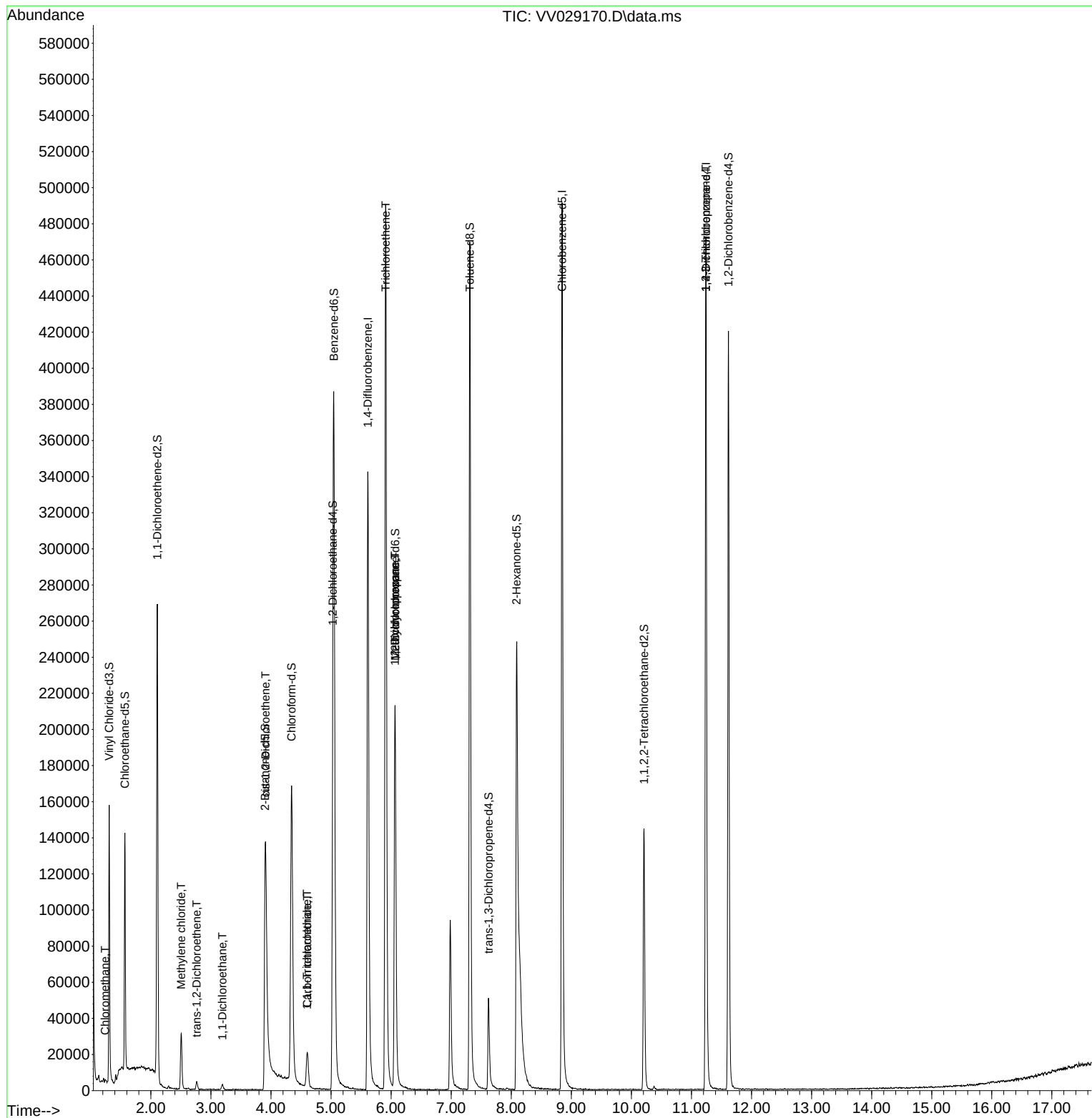
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	322525	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	300448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	136342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	105365	5.359	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.200%	
7) Chloroethane-d5	1.568	69	86185	4.986	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.108	63	134815	3.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.902	46	107006	32.510	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	65.020%	
24) Chloroform-d	4.342	84	178287	4.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.027	65	81024	4.461	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	5.047	84	386550	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.066	67	114336	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.310	98	338296	4.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.622	79	34137	4.180	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.088	63	141762	40.663	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.320%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77447	4.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	117762	4.828	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						
3) Chloromethane	1.240	50	950	0.043	ug/L	82
16) Methylene chloride	2.506	84	14776	0.585	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	1614	0.071	ug/L	84
19) 1,1-Dichloroethane	3.191	63	3002	0.081	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	52683	2.288	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	15824	0.449	ug/L	96
31) Carbon tetrachloride	4.606	117	2276	0.075	ug/L	100
34) Trichloroethene	5.908	95	180234	7.668	ug/L	99
35) Methylcyclohexane	6.066	83	27124	0.657	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11637	0.550	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	14369	1.542	ug/L #	65

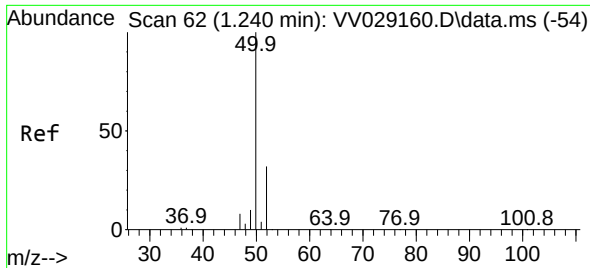
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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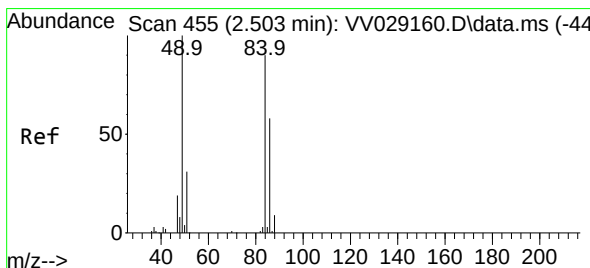
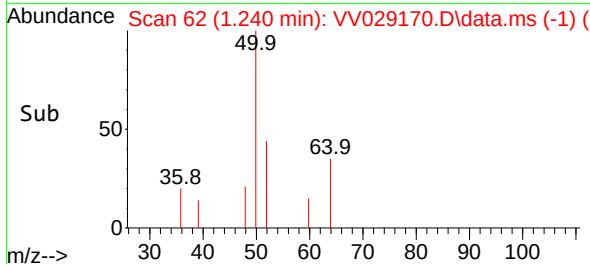
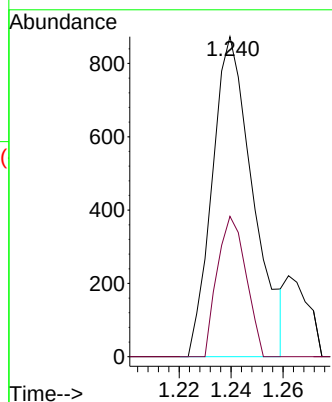
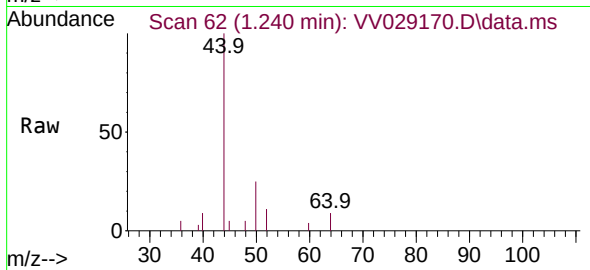




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029170.D
Acq: 19 Nov 2022 14:57

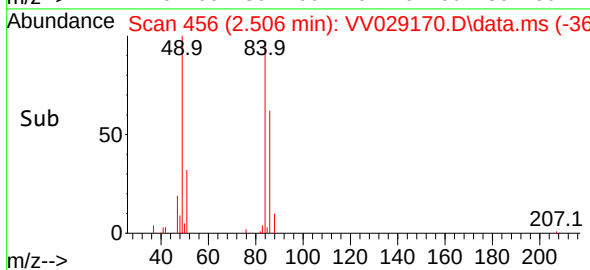
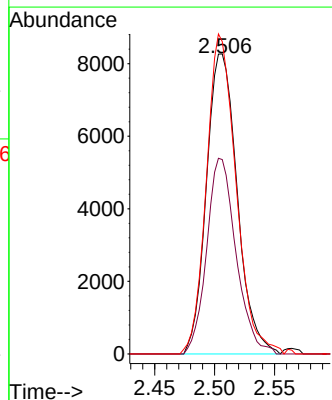
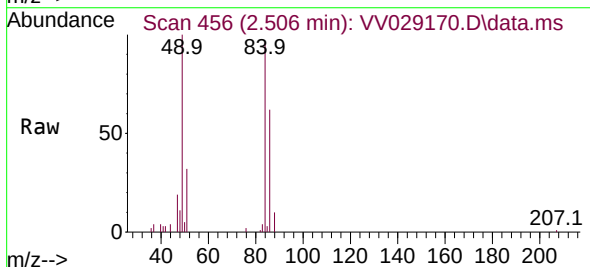
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

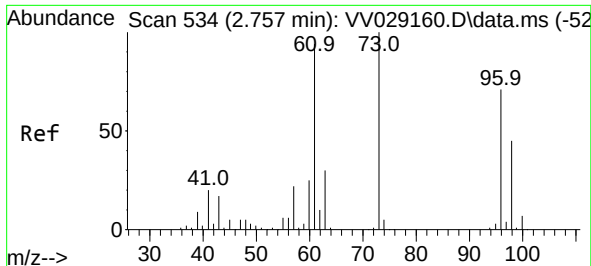
Tgt Ion: 50 Resp: 950
Ion Ratio Lower Upper
50 100
52 43.9 23.7 43.9



#16
Methylene chloride
Concen: 0.585 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029170.D
Acq: 19 Nov 2022 14:57

Tgt Ion: 84 Resp: 14776
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.0
49 104.1 75.5 140.1

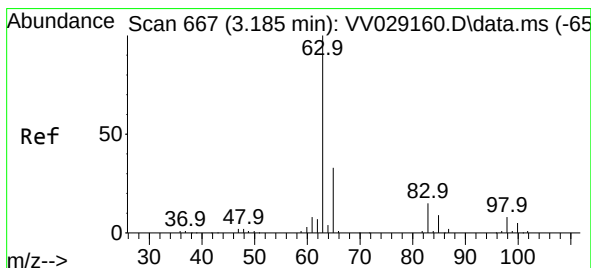
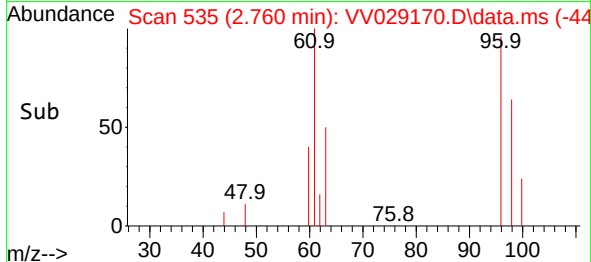
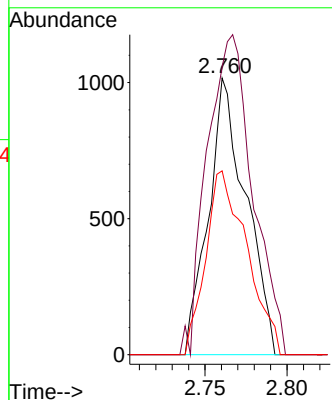
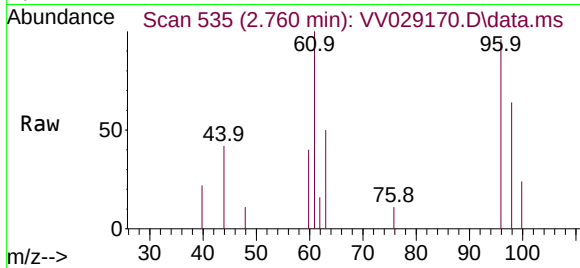




#18
trans-1,2-Dichloroethene
Concen: 0.071 ug/L
RT: 2.760 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029170.D
Acq: 19 Nov 2022 14:57

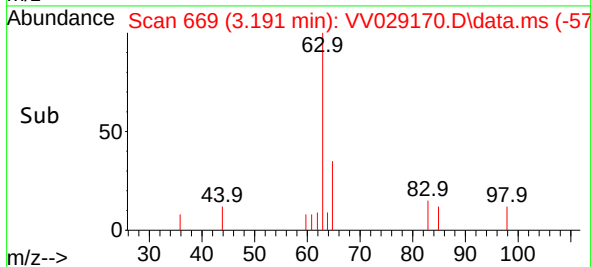
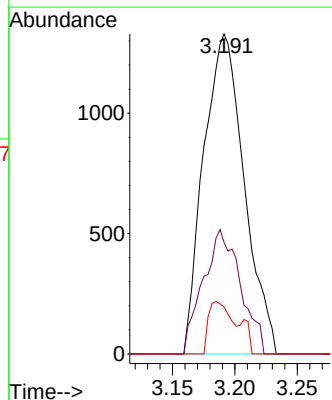
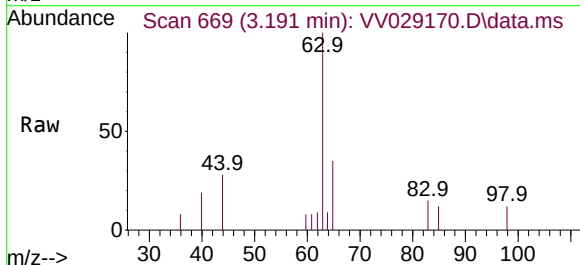
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

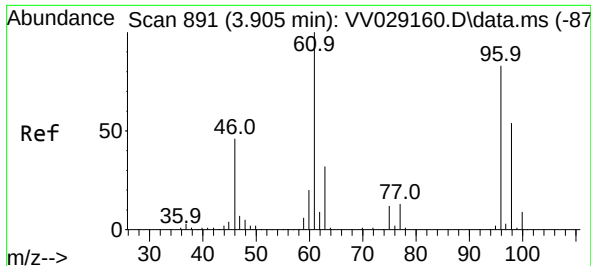
Tgt Ion: 96 Resp: 1614
Ion Ratio Lower Upper
96 100
61 103.9 91.8 170.6
98 66.5 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.081 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV029170.D
Acq: 19 Nov 2022 14:57

Tgt Ion: 63 Resp: 3002
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 13.5 9.4 17.6

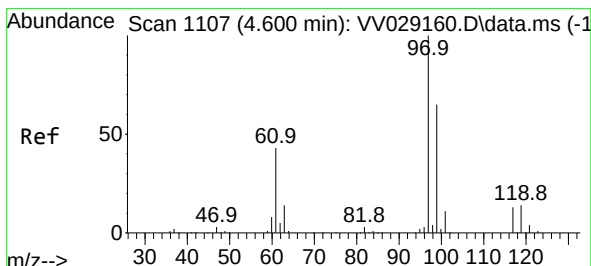
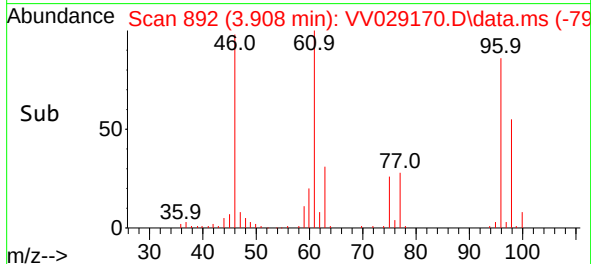
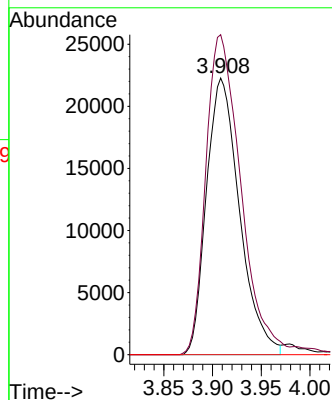
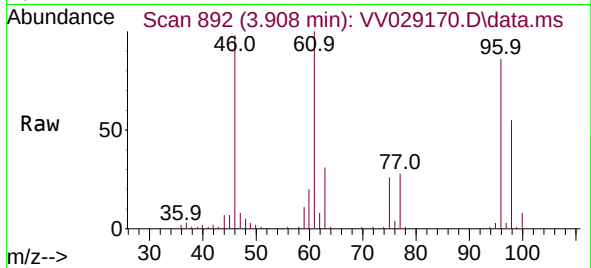




#22
 cis-1,2-Dichloroethene
 Concen: 2.288 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029170.D
 Acq: 19 Nov 2022 14:57

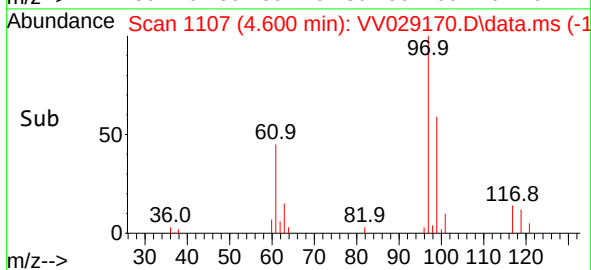
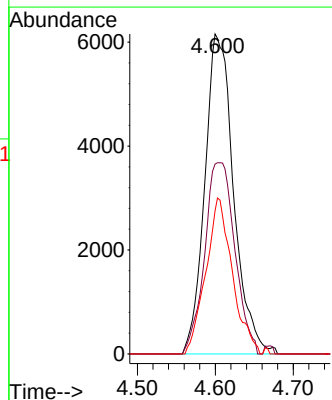
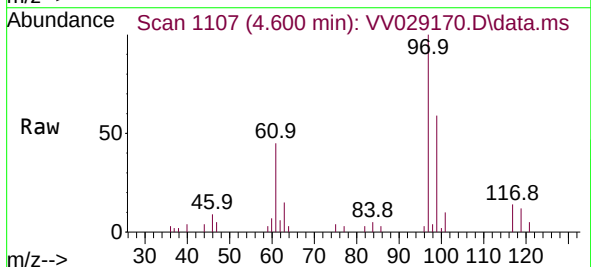
Instrument :
 MSVOA_V
 ClientSampleId :
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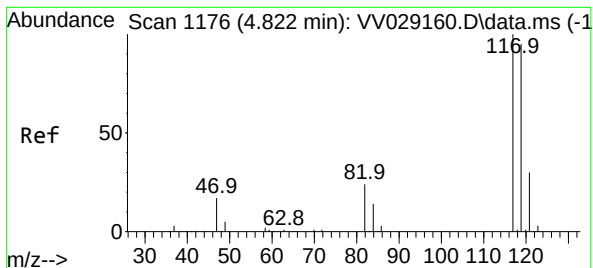
Tgt Ion: 96 Resp: 52683
 Ion Ratio Lower Upper
 96 100
 61 115.7 82.3 152.9
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.449 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: VV029170.D
 Acq: 19 Nov 2022 14:57

Tgt Ion: 97 Resp: 15824
 Ion Ratio Lower Upper
 97 100
 99 62.8 52.7 79.1
 61 44.9 33.8 50.6





#31

Carbon tetrachloride

Concen: 0.075 ug/L

RT: 4.606 min Scan# 1176

Delta R.T. -0.216 min

Lab File: VV029170.D

Acq: 19 Nov 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

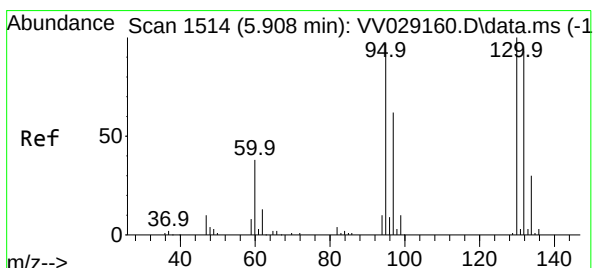
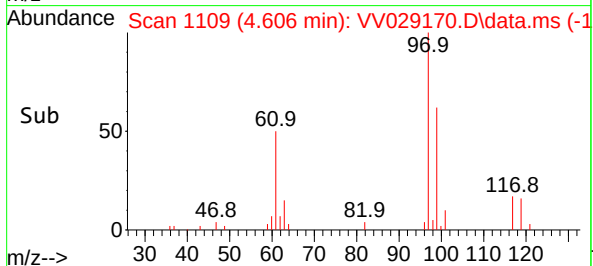
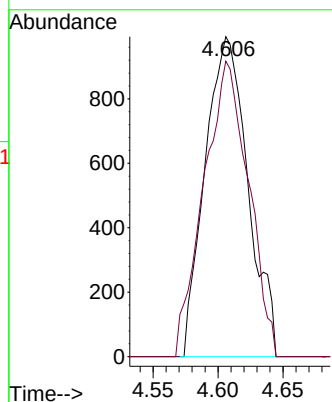
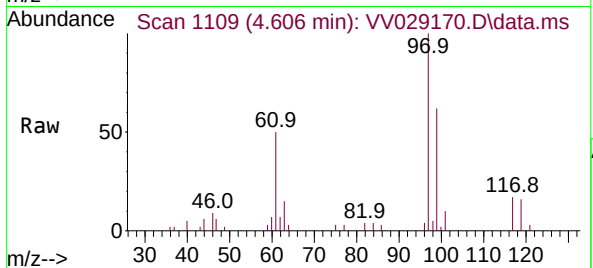
BGCE4DL

Tgt Ion:117 Resp: 2276

Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.6



#34

Trichloroethene

Concen: 7.668 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV029170.D

Acq: 19 Nov 2022 14:57

Tgt Ion: 95 Resp: 180234

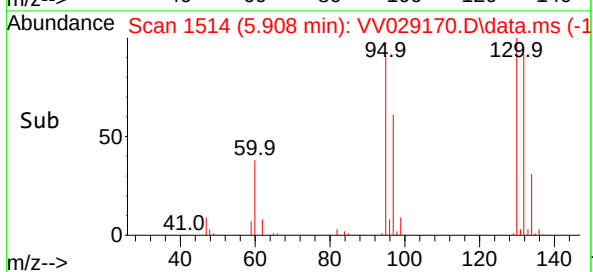
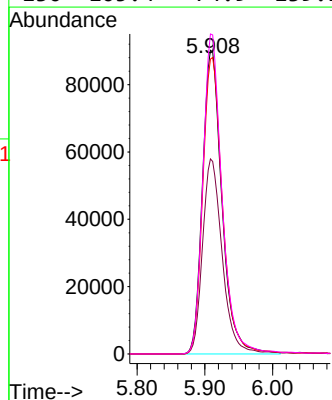
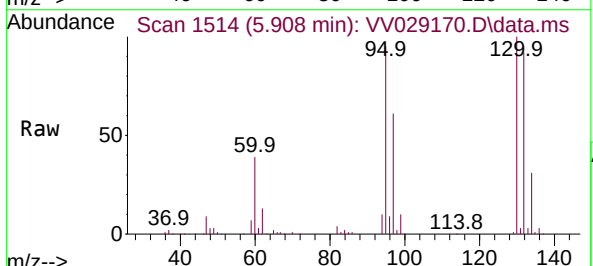
Ion Ratio Lower Upper

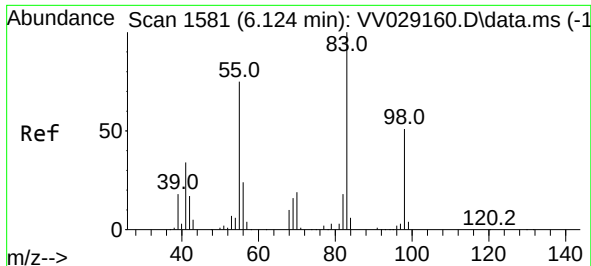
95 100

97 64.2 45.6 84.8

132 97.1 69.1 128.3

130 105.4 74.9 139.1

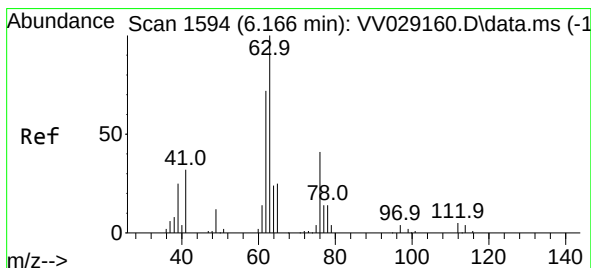
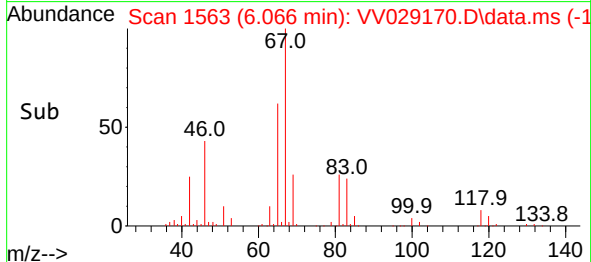
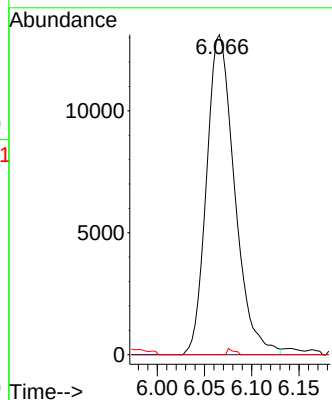
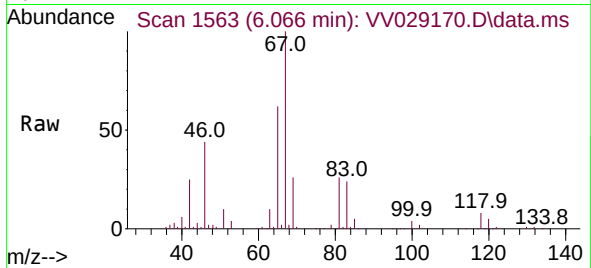




#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.066 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029170.D
Acq: 19 Nov 2022 14:57

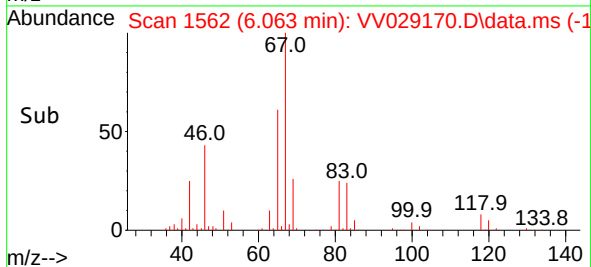
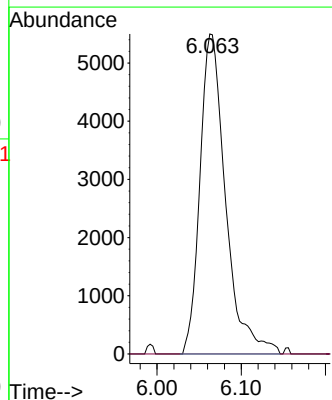
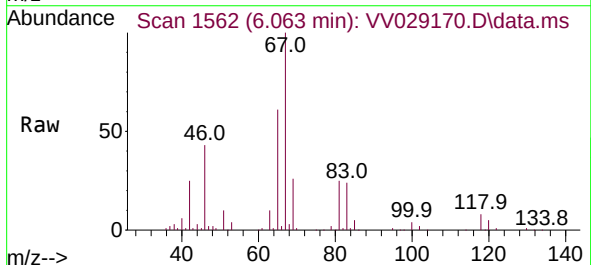
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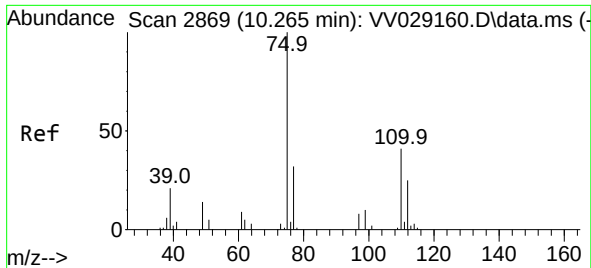
Tgt Ion: 83 Resp: 27124
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029170.D
Acq: 19 Nov 2022 14:57

Tgt Ion: 63 Resp: 11637
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.542 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029170.D
 Acq: 19 Nov 2022 14:57

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE4DL

Tgt Ion: 75 Resp: 14369
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.2
 110 1.5 32.6 48.8#

