

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038290.D
 Acq On : 23 Nov 2024 00:20
 Operator : SY/MD
 Sample : P4930-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG444

Quant Time: Nov 23 02:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

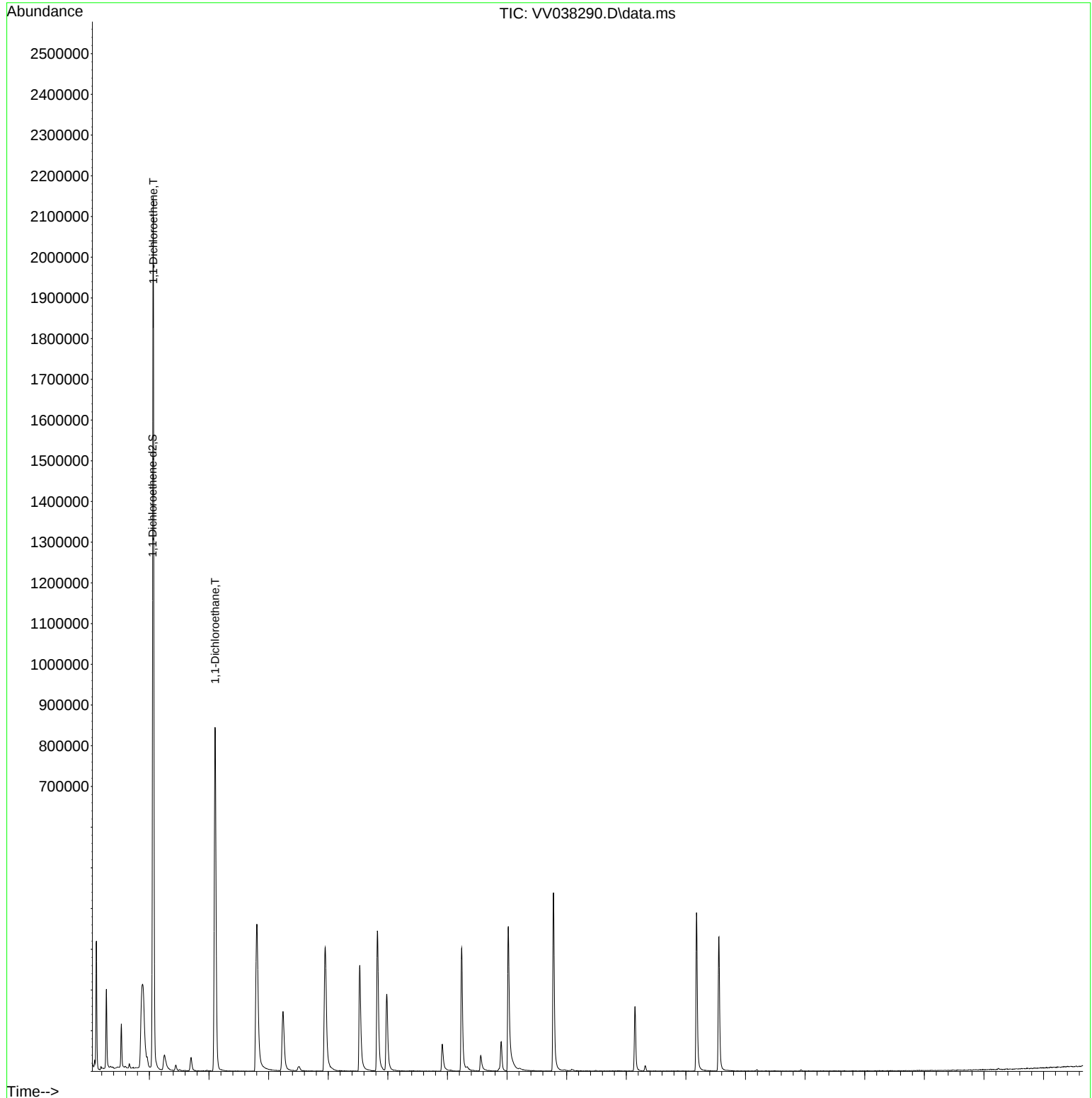
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	244707	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	266725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	112985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	65530	3.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.529	69	66825	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.053	65	30321	3.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.786	46	174418	46.485	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	4.240	84	166350	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.937	65	79375	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.953	84	291455	4.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.982	67	100228	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.240	98	224091	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	7.558	79	30537	3.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.021	63	136940	44.669	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.340%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83406	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	95252	4.948	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.108	85	8008	0.346	ug/L	97
5) Vinyl chloride	1.282	62	63439	2.808	ug/L	97
12) 1,1-Dichloroethene	2.066	96	618173	35.369	ug/L #	66
16) Methylene chloride	2.446	84	5780	0.290	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	24587	0.622	ug/L	96
18) trans-1,2-Dichloroethene	2.700	96	3113	0.169	ug/L	96
19) 1,1-Dichloroethane	3.101	63	851032	25.463	ug/L	99
22) cis-1,2-Dichloroethene	3.806	96	178838	9.394	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	9865	0.308	ug/L	98
34) Trichloroethene	5.825	95	132585	6.492	ug/L	96
47) Tetrachloroethene	7.899	164	18166	1.107	ug/L	98

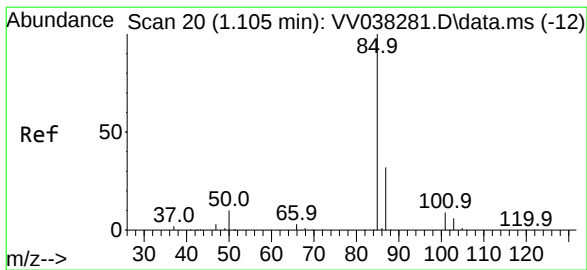
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.346 ug/L

RT: 1.108 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038290.D

Acq: 23 Nov 2024 00:20

Instrument :

MSVOA_V

ClientSampleId :

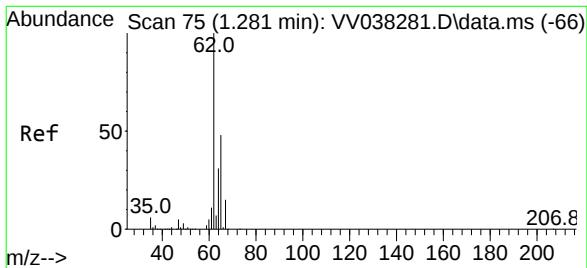
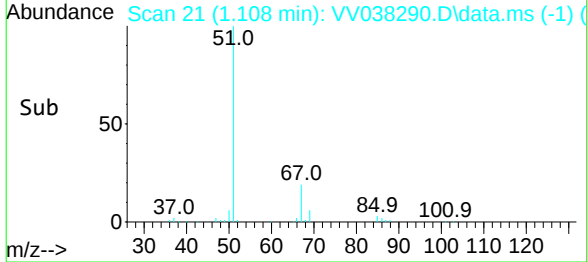
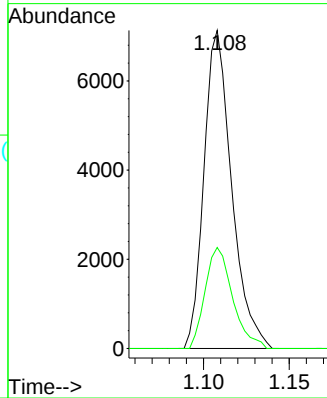
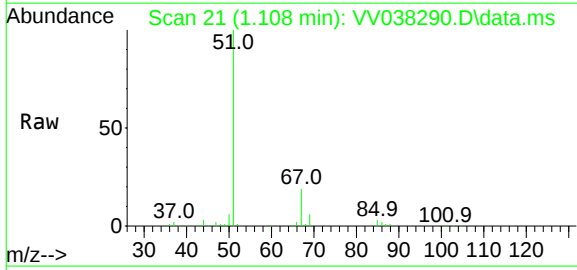
BG444

Tgt Ion: 85 Resp: 8008

Ion Ratio Lower Upper

85 100

87 31.6 26.5 39.7



#5

Vinyl chloride

Concen: 2.808 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038290.D

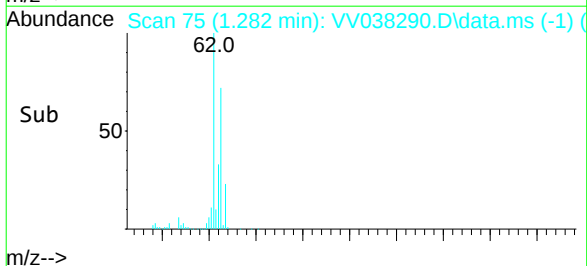
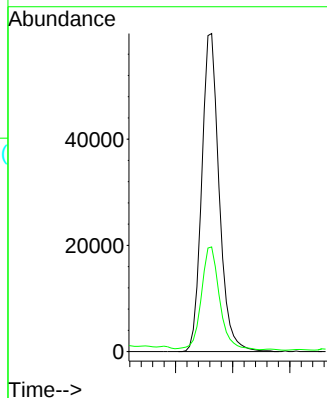
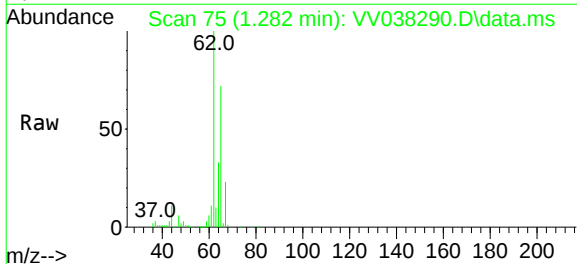
Acq: 23 Nov 2024 00:20

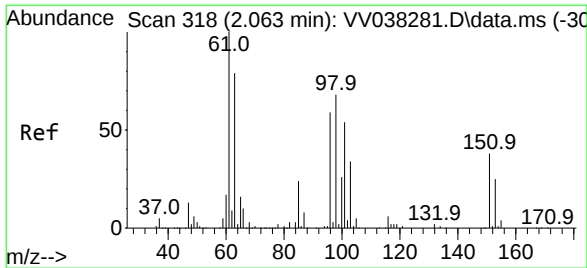
Tgt Ion: 62 Resp: 63439

Ion Ratio Lower Upper

62 100

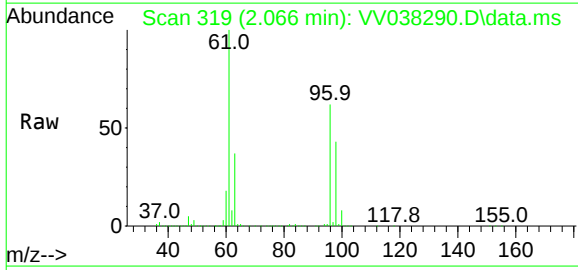
64 32.9 24.4 45.4



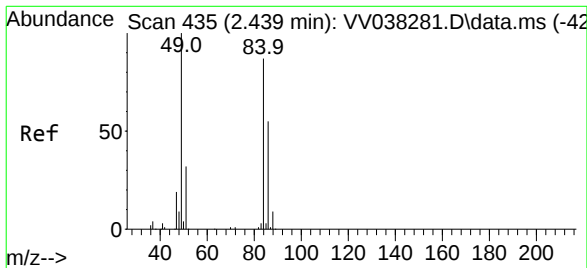
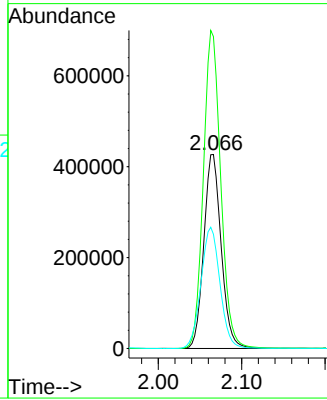
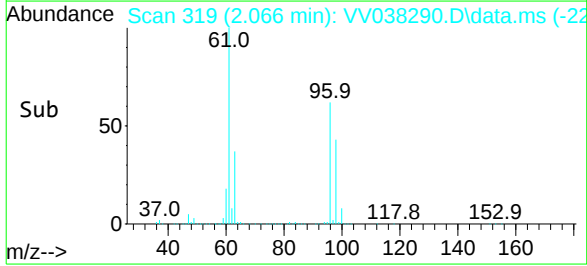


#12
1,1-Dichloroethene
Concen: 35.369 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

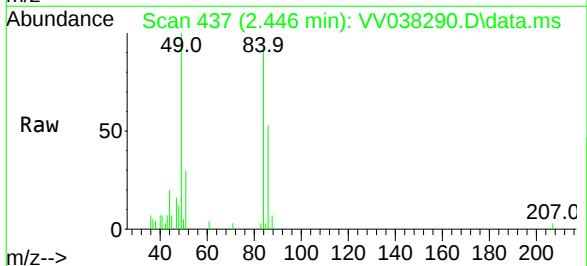
Instrument :
MSVOA_V
ClientSampleId :
BG444



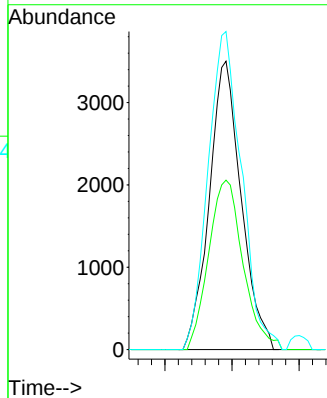
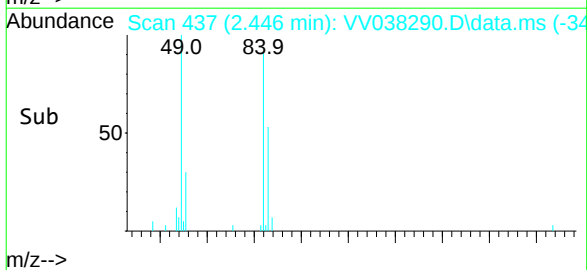
Tgt Ion: 96 Resp: 618173
Ion Ratio Lower Upper
96 100
61 160.8 115.7 214.9
63 58.9 101.1 187.7#

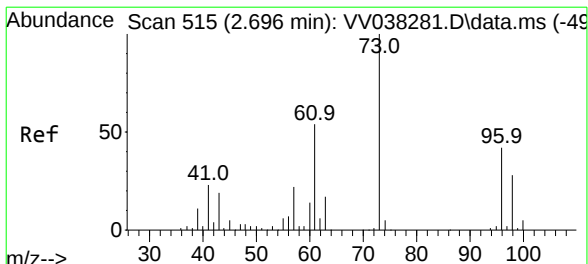


#16
Methylene chloride
Concen: 0.290 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.007 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20



Tgt Ion: 84 Resp: 5780
Ion Ratio Lower Upper
84 100
86 58.7 44.2 82.2
49 110.3 74.9 139.1

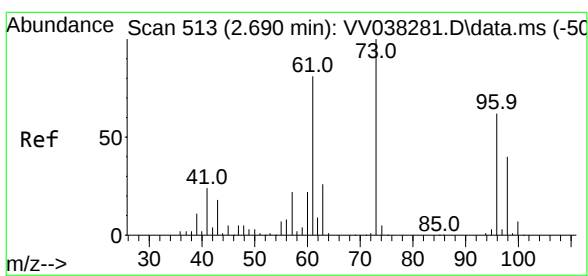
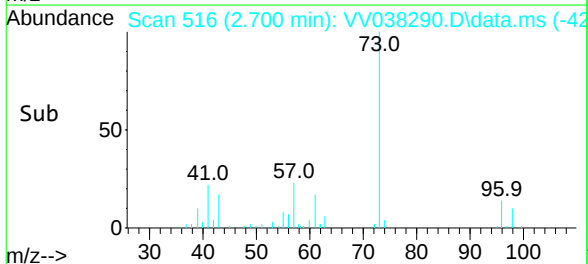
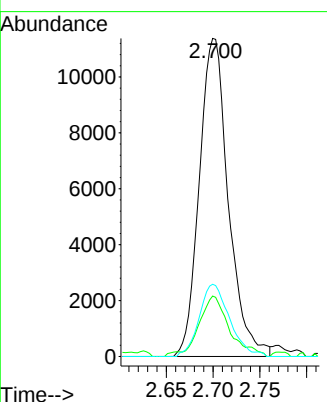
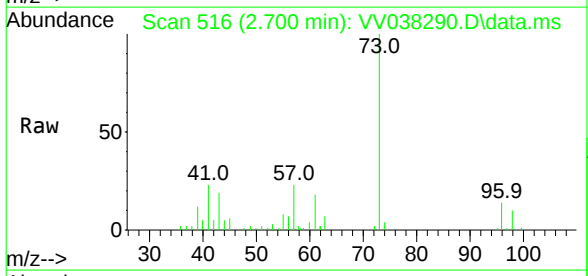




#17
Methyl tert-butyl Ether
Concen: 0.622 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

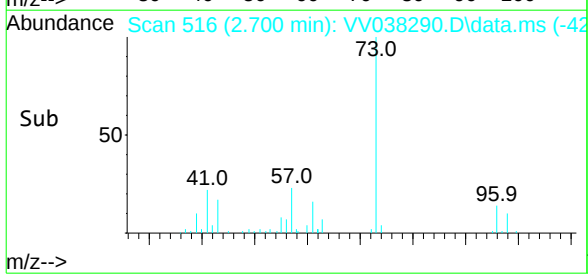
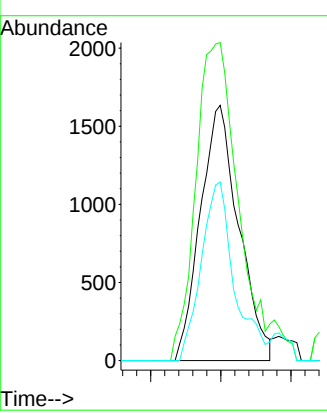
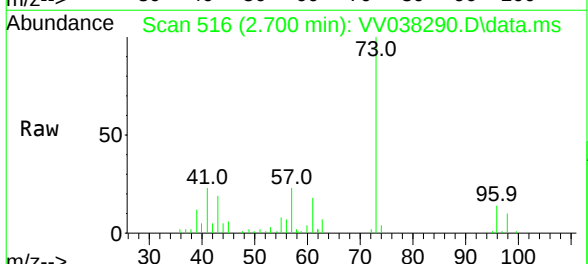
Instrument :
MSVOA_V
ClientSampleId :
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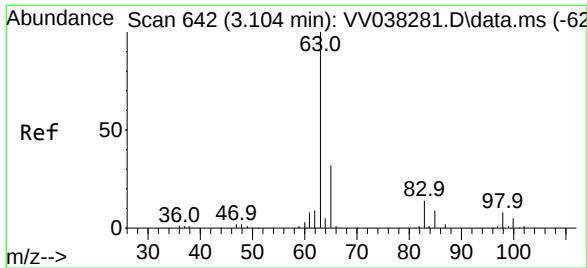
Tgt Ion: 73	Resp: 24587
Ion Ratio	Lower Upper
73 100	
43 20.0	14.2 21.2
57 23.7	17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

Tgt Ion: 96	Resp: 3113
Ion Ratio	Lower Upper
96 100	
61 124.6	88.5 164.4
98 70.0	43.9 81.5

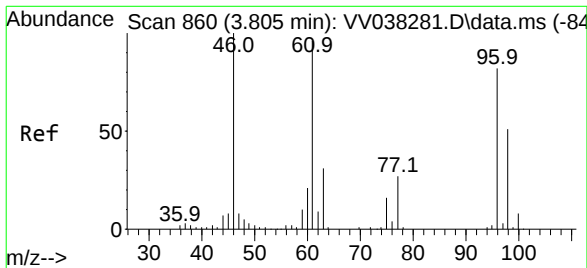
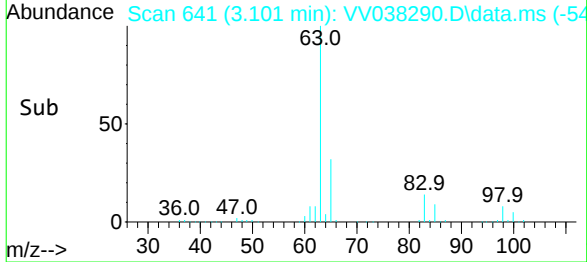
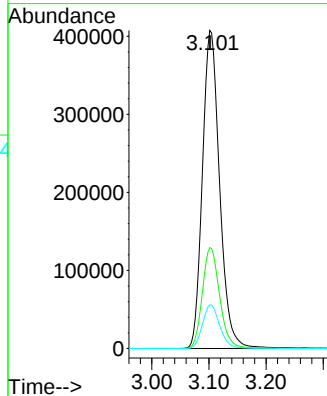
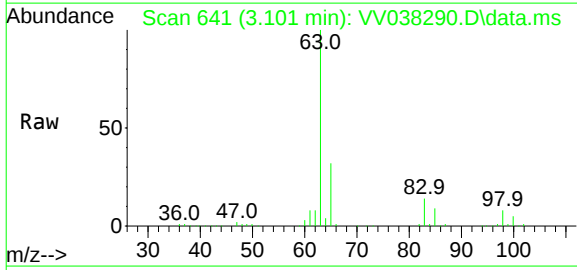




#19
1,1-Dichloroethane
Concen: 25.463 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

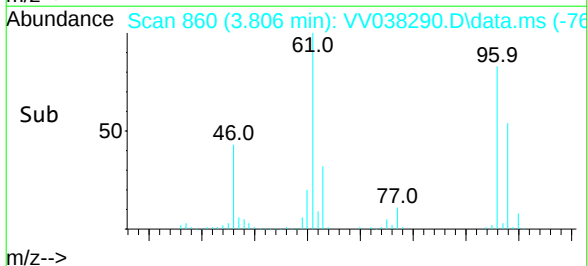
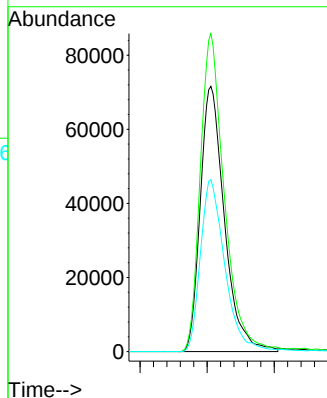
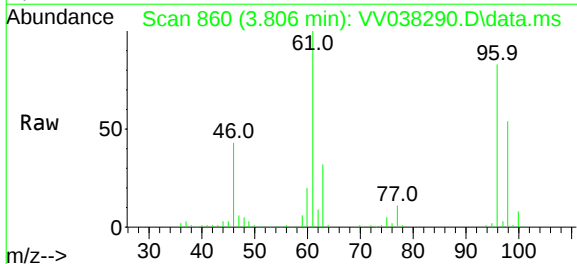
Instrument :
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ClientSampleId :
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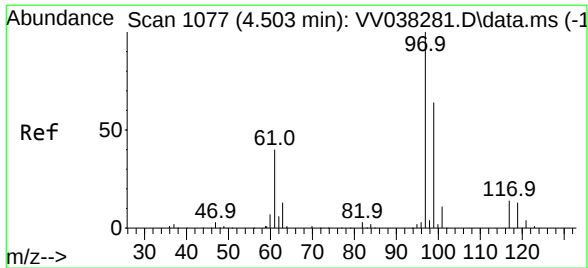
Tgt Ion: 63 Resp: 851032
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.7
83 13.7 10.1 18.9



#22
cis-1,2-Dichloroethene
Concen: 9.394 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

Tgt Ion: 96 Resp: 178838
Ion Ratio Lower Upper
96 100
61 119.9 82.7 153.5
98 64.8 46.3 85.9

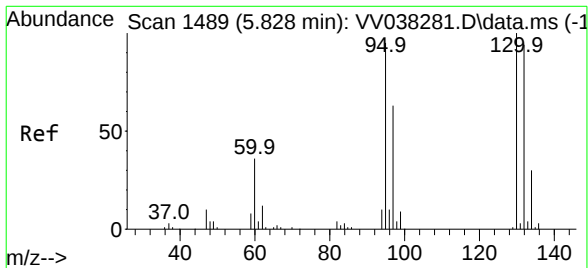
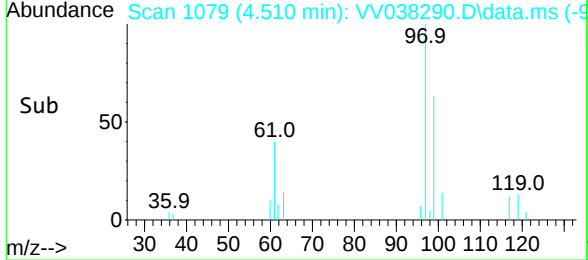
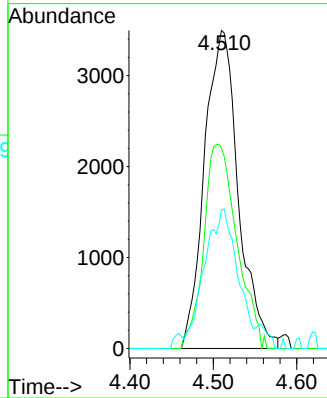
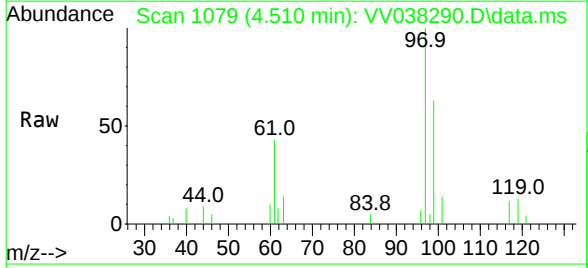




#29
1,1,1-Trichloroethane
Concen: 0.308 ug/L
RT: 4.510 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

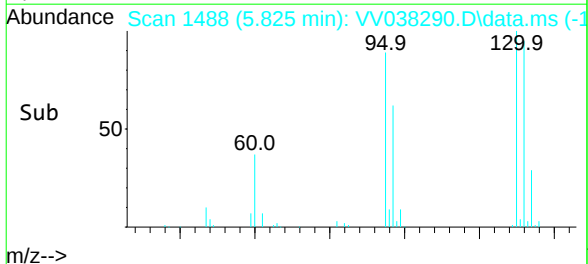
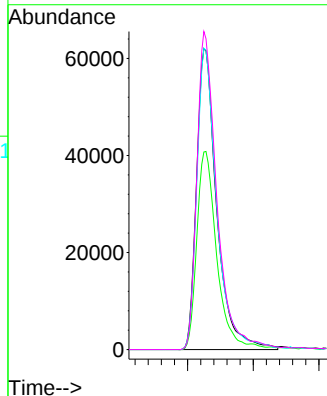
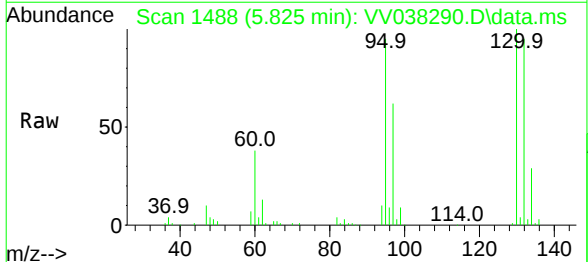
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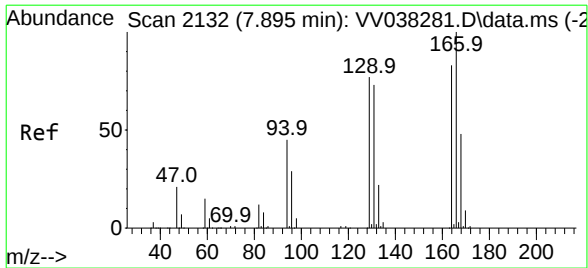
Tgt Ion:	97	Resp:	9865
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.8
61	39.2	32.2	48.2



#34
Trichloroethene
Concen: 6.492 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

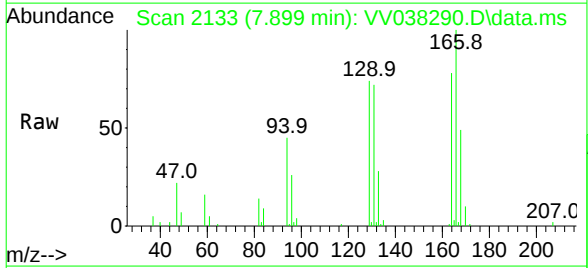
Tgt Ion:	95	Resp:	132585
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.8	83.2
132	100.1	68.3	126.8
130	105.6	70.2	130.4





#47
Tetrachloroethene
Concen: 1.107 ug/L
RT: 7.899 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038290.D
Acq: 23 Nov 2024 00:20

Instrument :
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Tgt Ion:	164	Resp:	18166
Ion	Ratio	Lower	Upper
164	100		
129	94.3	68.5	127.1
131	92.2	64.8	120.4
166	127.5	88.3	163.9

