

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038291.D
 Acq On : 23 Nov 2024 00:44
 Operator : SY/MD
 Sample : P4930-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG445

Quant Time: Nov 23 02:09:05 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)

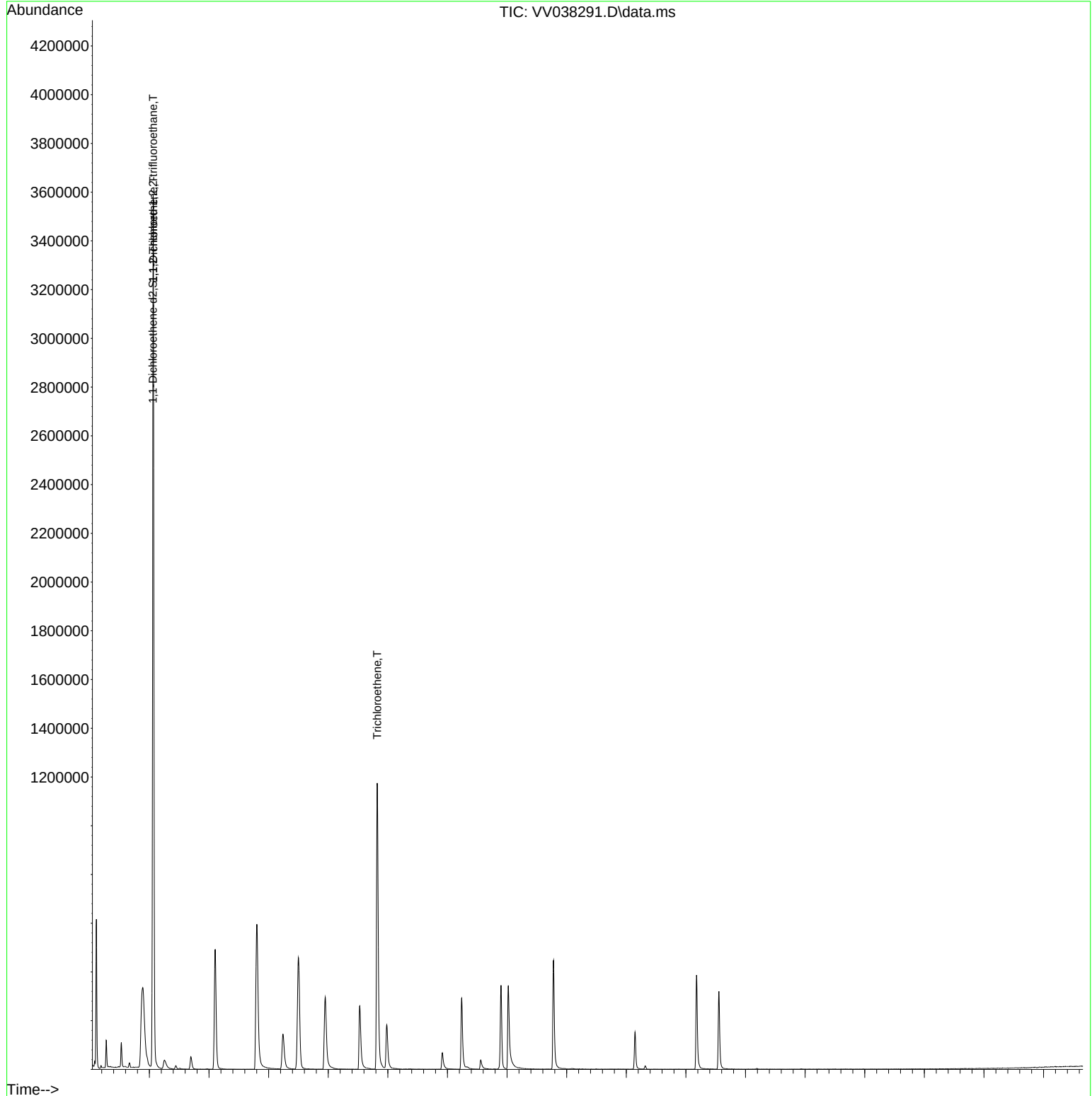
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	254551	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	266676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	114648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61052	3.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.529	69	65234	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.056	65	29327	3.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.783	46	176857	45.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.620%
24) Chloroform-d	4.243	84	159393	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.937	65	78839	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.953	84	282326	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.982	67	96441	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.239	98	220054	3.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	7.558	79	29240	3.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.021	63	136295	44.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	77984	4.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	91380	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	22690	0.942	ug/L	99
5) Vinyl chloride	1.281	62	10955	0.466	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6094	0.319	ug/L #	63
12) 1,1-Dichloroethene	2.066	96	1057497	58.164	ug/L #	66
16) Methylene chloride	2.442	84	5681	0.274	ug/L	90
17) Methyl tert-butyl Ether	2.699	73	40123	0.976	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	4841	0.253	ug/L	97
19) 1,1-Dichloroethane	3.101	63	500582	14.398	ug/L	100
22) cis-1,2-Dichloroethene	3.805	96	324499	16.385	ug/L	99
25) Chloroform	4.268	83	8706	0.234	ug/L	94
29) 1,1,1-Trichloroethane	4.500	97	398810	12.469	ug/L	99
34) Trichloroethene	5.821	95	432022	21.157	ug/L	98
47) Tetrachloroethene	7.898	164	82763	5.044	ug/L	99

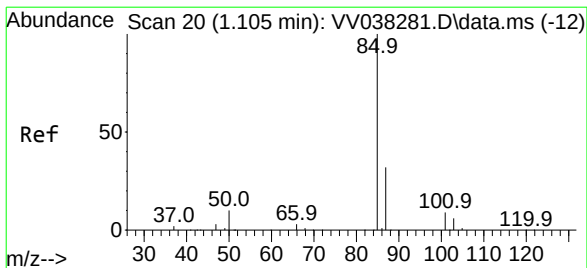
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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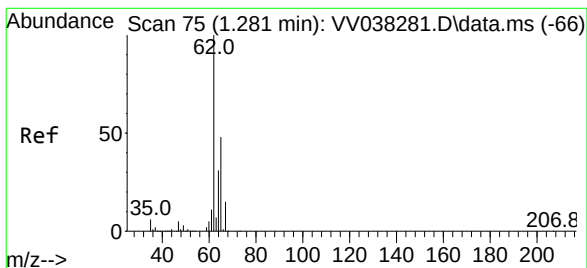
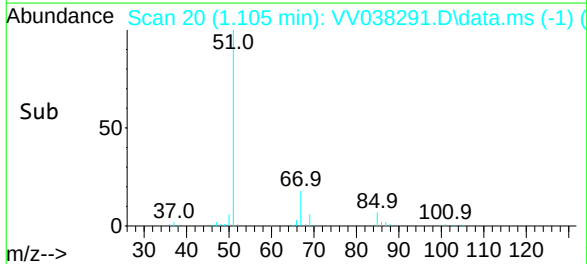
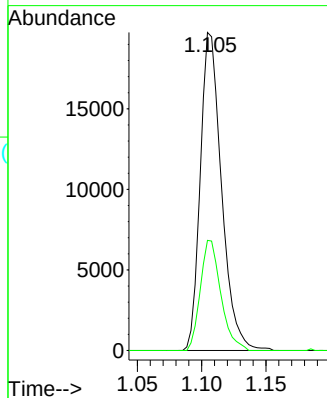
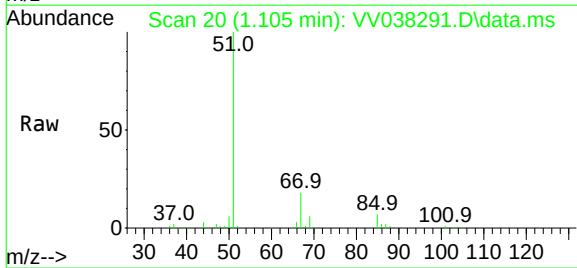




#2
Dichlorodifluoromethane
Concen: 0.942 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

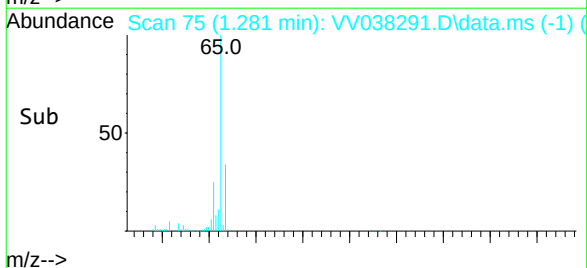
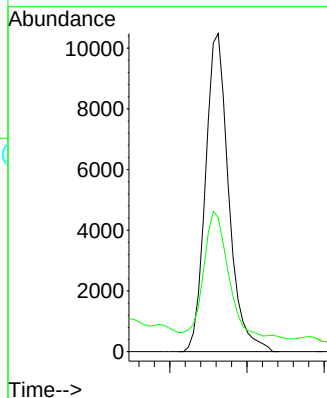
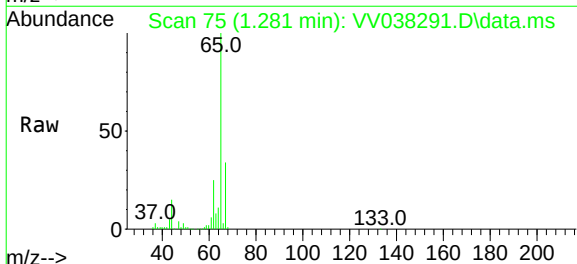
Instrument :
MSVOA_V
ClientSampleId :
BG445

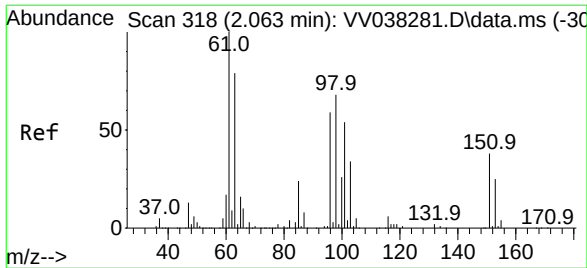
Tgt Ion: 85 Resp: 22690
Ion Ratio Lower Upper
85 100
87 33.5 26.5 39.7



#5
Vinyl chloride
Concen: 0.466 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.000 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

Tgt Ion: 62 Resp: 10955
Ion Ratio Lower Upper
62 100
64 42.0 24.4 45.4

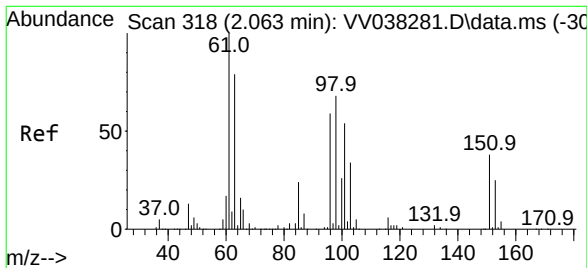
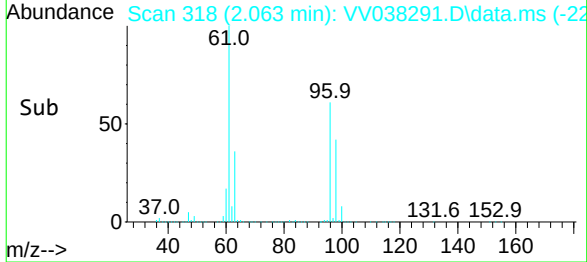
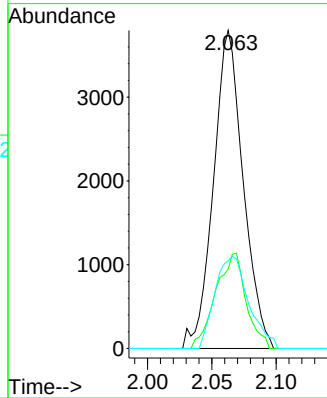
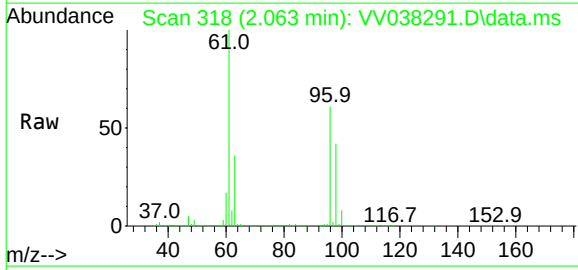




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.319 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

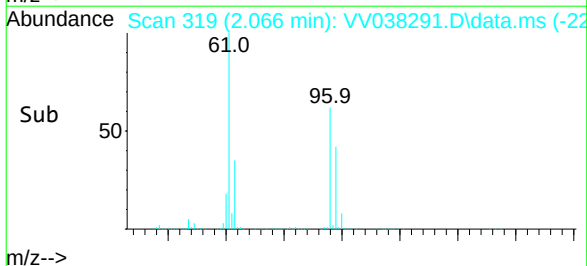
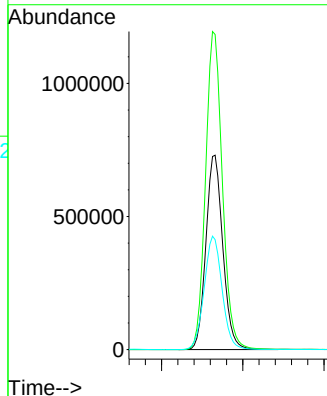
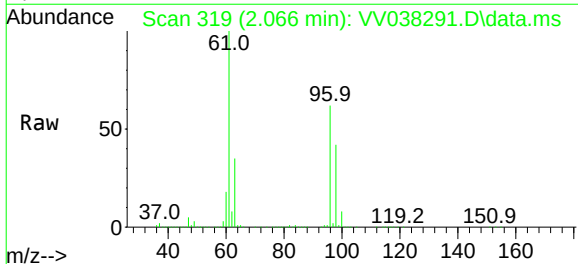
Instrument :
MSVOA_V
ClientSampleId :
BG445

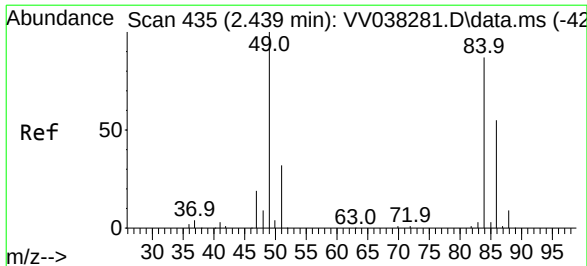
Tgt Ion: 101 Resp: 6094
Ion Ratio Lower Upper
101 100
85 30.6 33.4 50.0#
151 32.9 58.8 88.2#



#12
1,1-Dichloroethene
Concen: 58.164 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

Tgt Ion: 96 Resp: 1057497
Ion Ratio Lower Upper
96 100
61 162.1 115.7 214.9
63 56.5 101.1 187.7#





#16

Methylene chloride

Concen: 0.274 ug/L

RT: 2.442 min Scan# 43

Delta R.T. 0.003 min

Lab File: VV038291.D

Acq: 23 Nov 2024 00:44

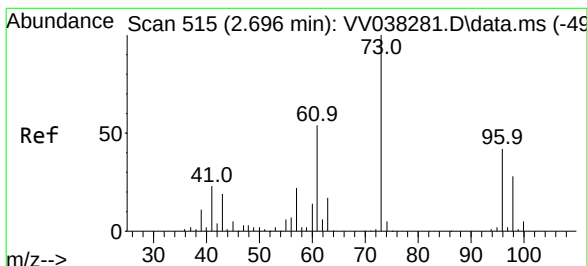
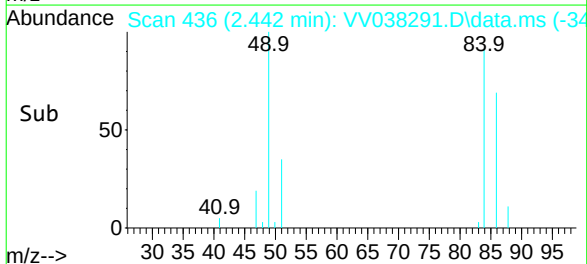
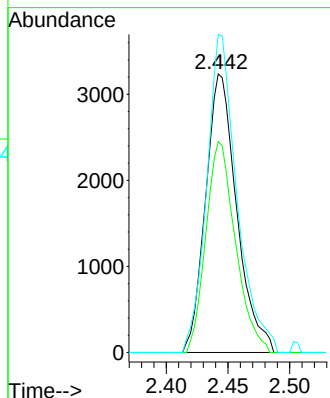
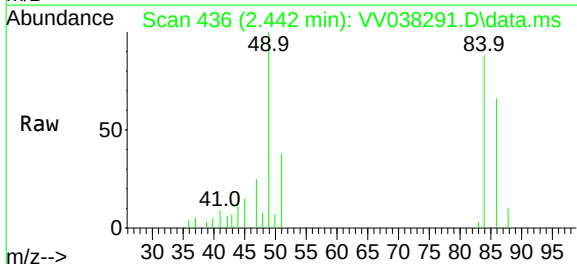
Instrument :

MSVOA_V

ClientSampleId :

BG445

Tgt	Ion: 84	Resp:	5681
Ion	Ratio	Lower	Upper
84	100		
86	75.7	44.2	82.2
49	114.2	74.9	139.1



#17

Methyl tert-butyl Ether

Concen: 0.976 ug/L

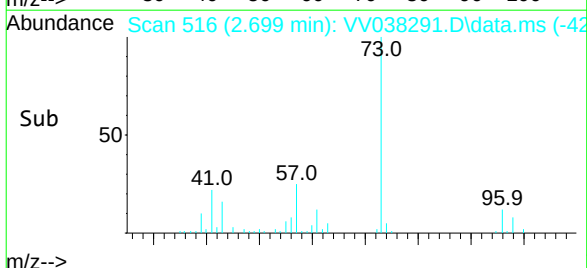
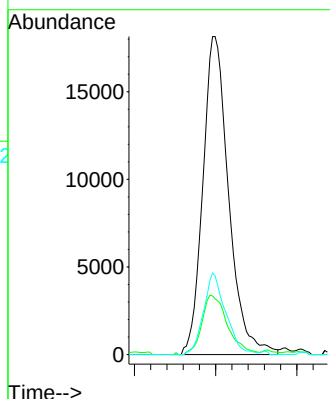
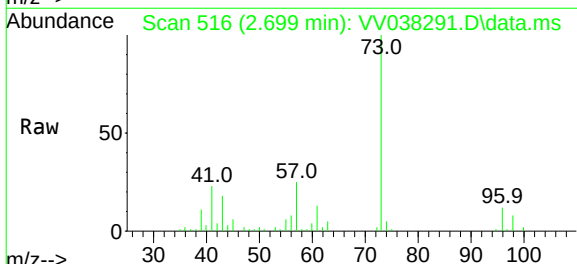
RT: 2.699 min Scan# 516

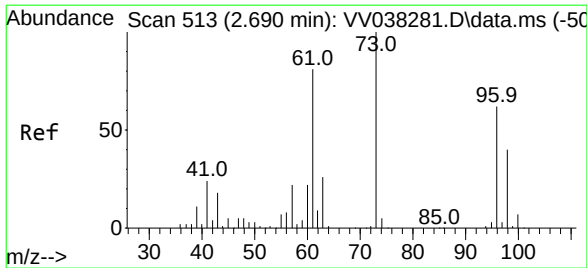
Delta R.T. 0.003 min

Lab File: VV038291.D

Acq: 23 Nov 2024 00:44

Tgt	Ion: 73	Resp:	40123
Ion	Ratio	Lower	Upper
73	100		
43	18.5	14.2	21.2
57	22.0	17.6	26.4

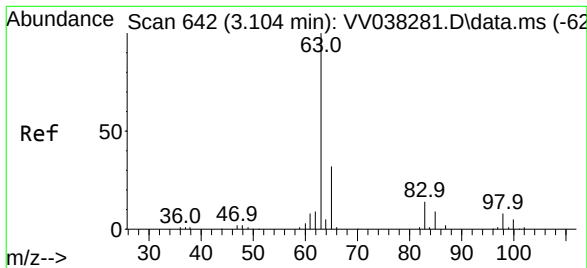
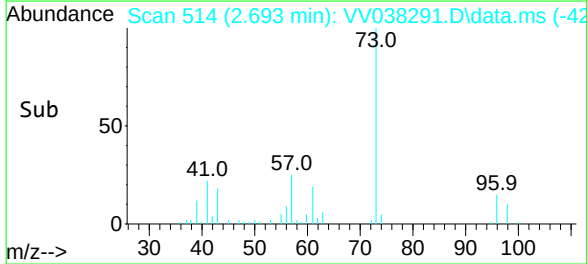
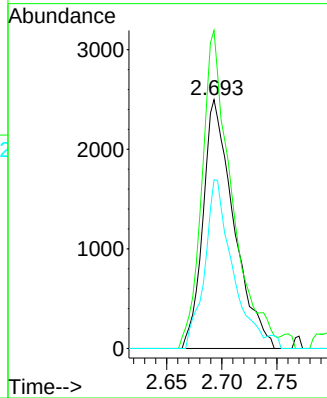
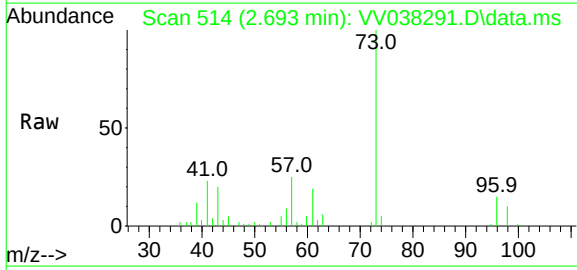




#18
trans-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

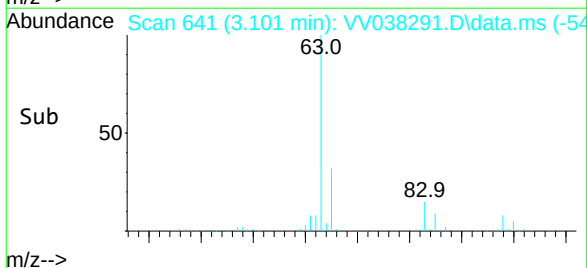
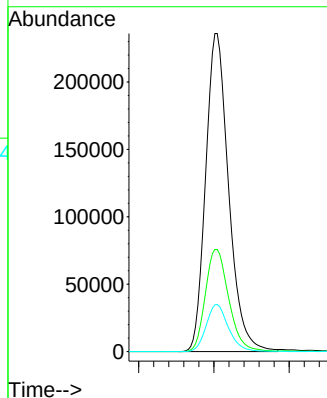
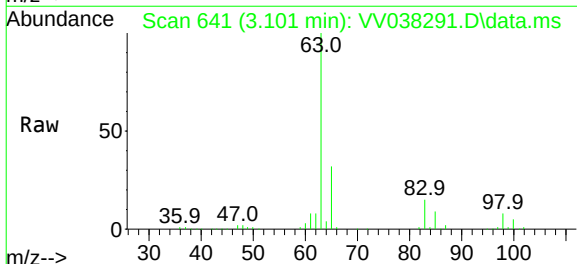
Instrument :
MSVOA_V
ClientSampleId :
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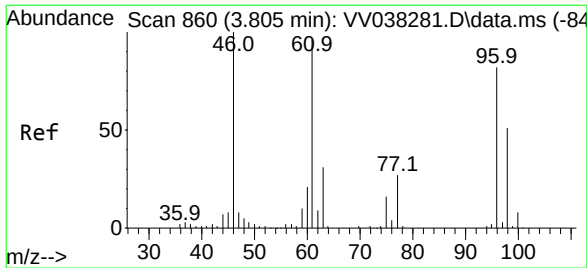
Tgt Ion: 96 Resp: 4841
Ion Ratio Lower Upper
96 100
61 127.8 88.5 164.4
98 67.8 43.9 81.5



#19
1,1-Dichloroethane
Concen: 14.398 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

Tgt Ion: 63 Resp: 500582
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 14.7 10.1 18.9

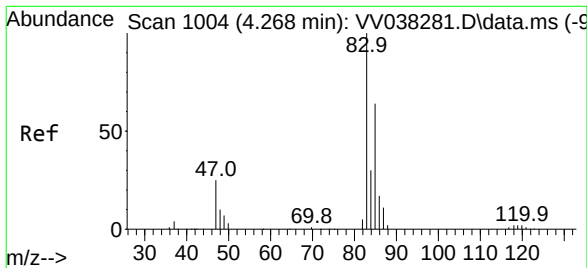
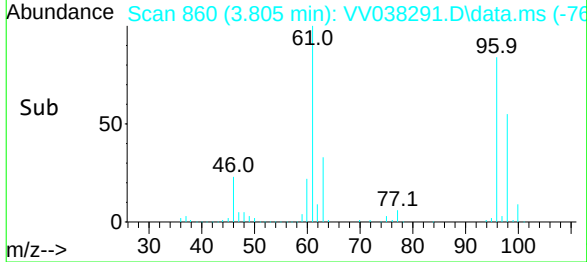
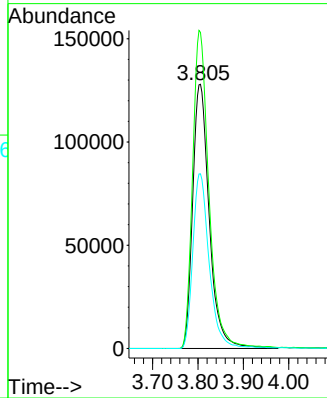
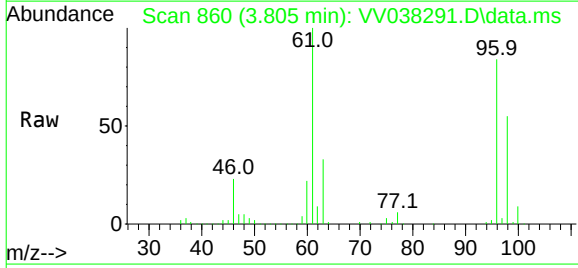




#22
cis-1,2-Dichloroethene
Concen: 16.385 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

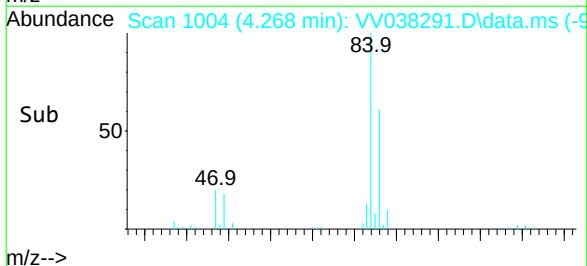
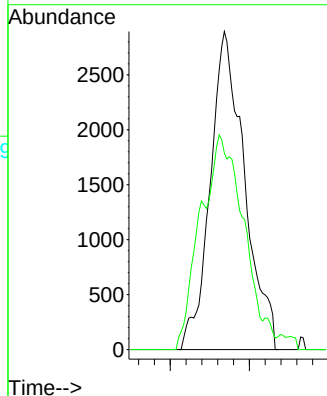
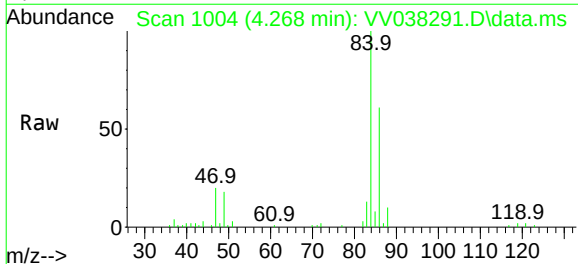
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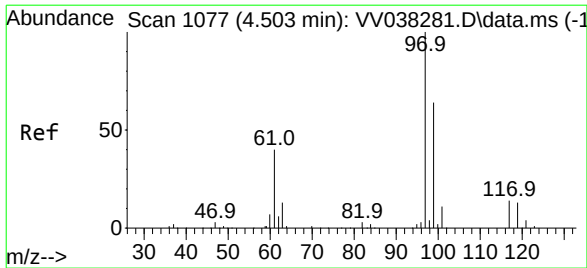
Tgt Ion:	96	Resp:	324499
Ion	Ratio	Lower	Upper
96	100		
61	119.6	82.7	153.5
98	66.1	46.3	85.9



#25
Chloroform
Concen: 0.234 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

Tgt Ion:	83	Resp:	8706
Ion	Ratio	Lower	Upper
83	100		
85	61.8	46.5	86.3

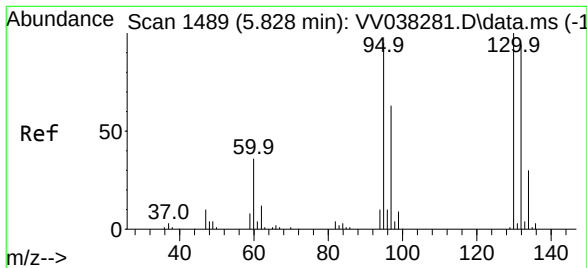
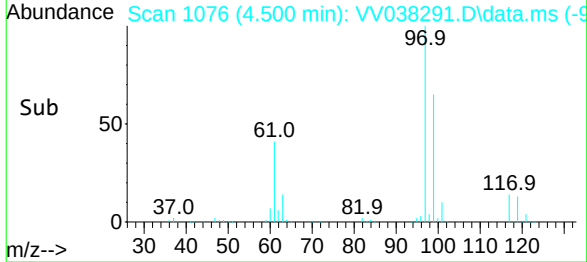
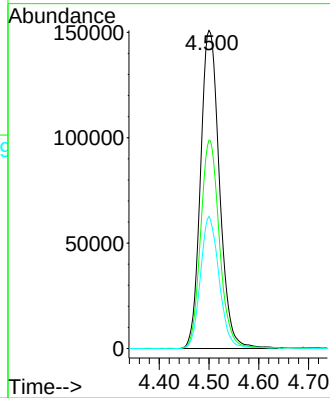
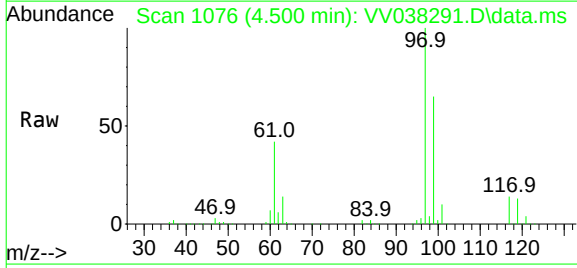




#29
1,1,1-Trichloroethane
Concen: 12.469 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

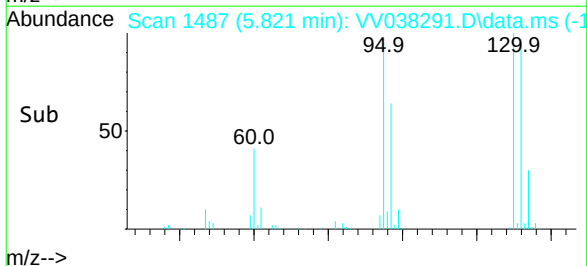
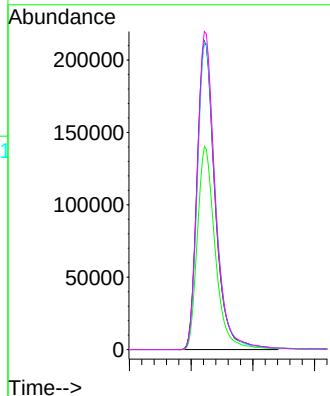
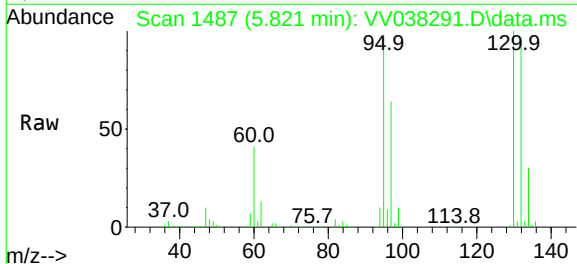
Instrument :
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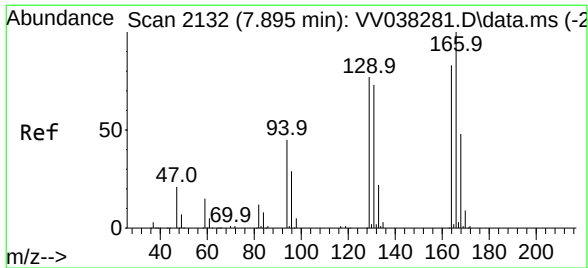
Tgt Ion:	97	Resp:	398810
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	40.8	32.2	48.2



#34
Trichloroethene
Concen: 21.157 ug/L
RT: 5.821 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV038291.D
Acq: 23 Nov 2024 00:44

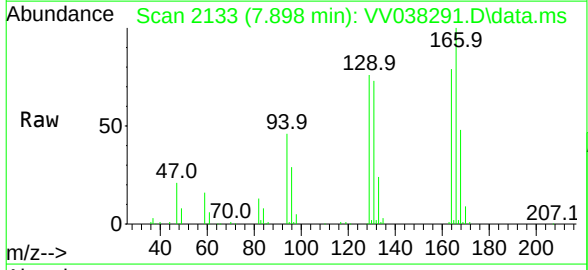
Tgt Ion:	95	Resp:	432022
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.8	83.2
132	99.7	68.3	126.8
130	103.2	70.2	130.4





#47
 Tetrachloroethene
 Concen: 5.044 ug/L
 RT: 7.898 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038291.D
 Acq: 23 Nov 2024 00:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BG445



Tgt Ion:164 Resp: 82763

Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.5	127.1
131	92.2	64.8	120.4
166	127.0	88.3	163.9

