

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038313.D
 Acq On : 23 Nov 2024 21:13
 Operator : SY/MD
 Sample : P4884-03DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M7DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

Quant Time: Nov 23 23:02:50 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	238568	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	261206	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	111268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	56946	3.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.529	69	64018	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.053	65	27438	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.793	46	164591	44.995	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.980%
24) Chloroform-d	4.243	84	158962	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.937	65	77516	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.953	84	270292	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	5.982	67	93919	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.236	98	203562	3.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.558	79	28619	3.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.021	63	130514	43.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79917	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	88840	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
9) Trichlorofluoromethane	1.709	101	135575	4.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3442	0.192	ug/L #	84
16) Methylene chloride	2.442	84	6049	0.311	ug/L	93
17) Methyl tert-butyl Ether	2.703	73	7724	0.200	ug/L #	90
19) 1,1-Dichloroethane	3.108	63	18806	0.577	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	12740	0.407	ug/L	96
34) Trichloroethene	5.844	95	4048m	0.202	ug/L	
47) Tetrachloroethene	7.902	164	9511	0.592	ug/L	99

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

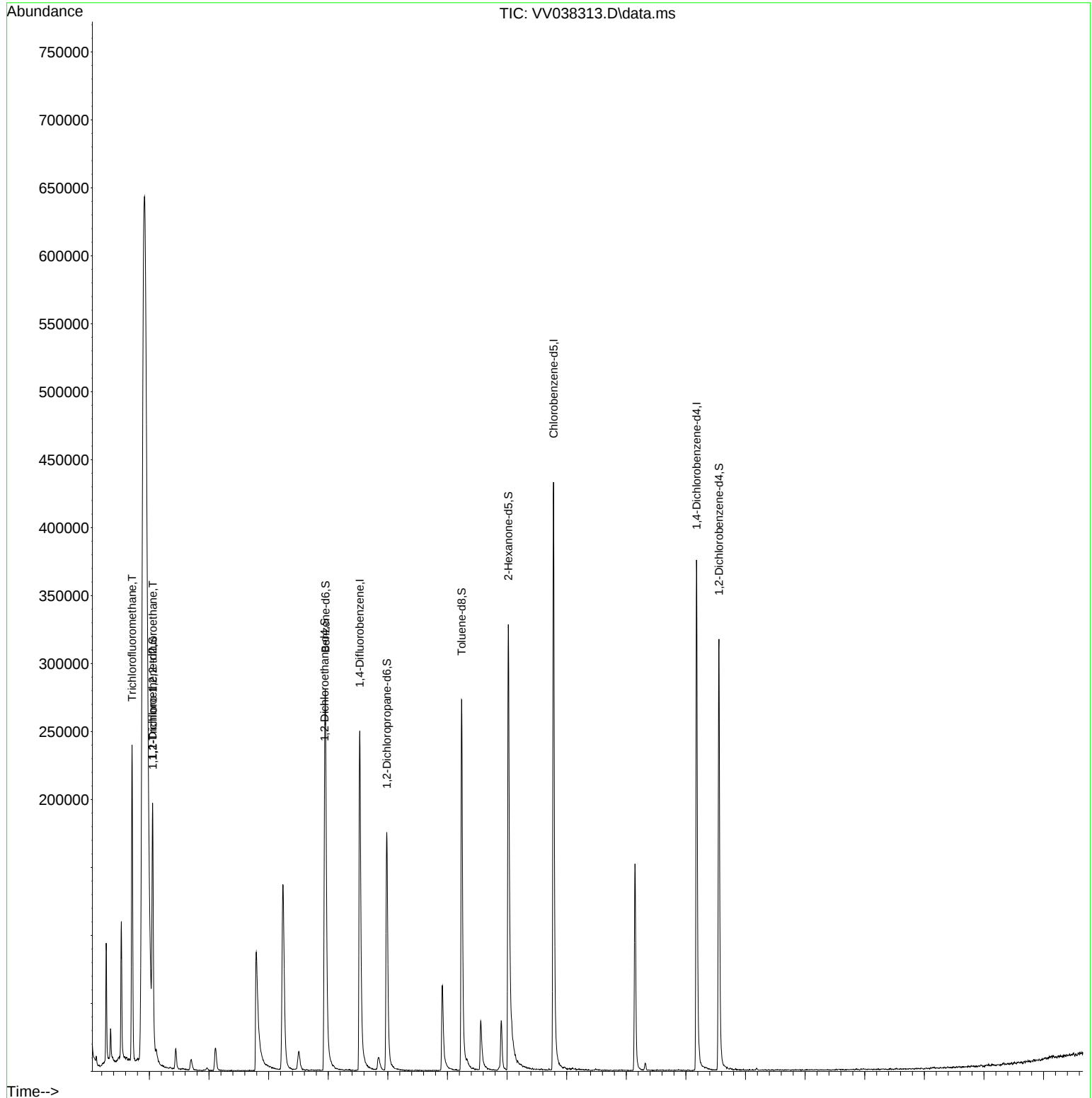
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
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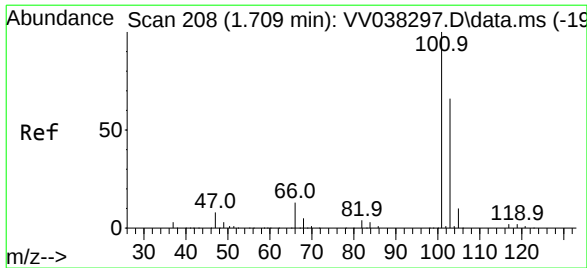
Instrument :
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ClientSampleId :
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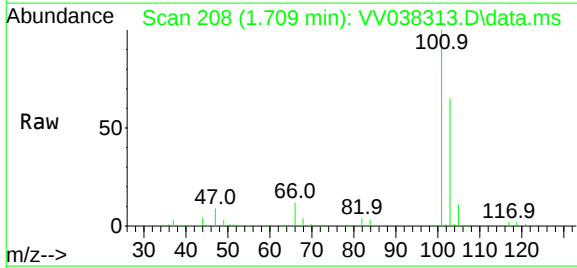
Quant Time: Nov 23 23:02:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 4.326 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038313.D
Acq: 23 Nov 2024 21:13

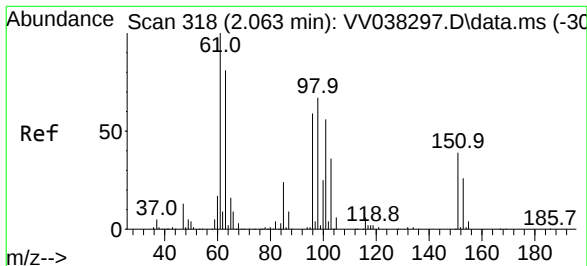
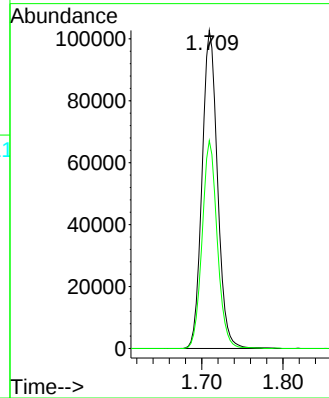
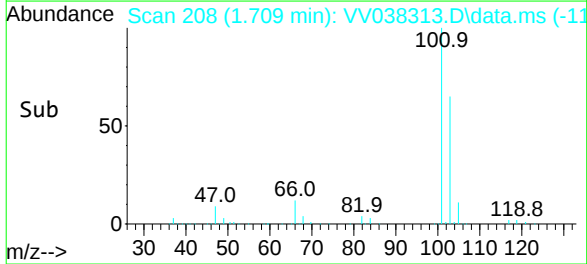
Instrument :
MSVOA_V
ClientSampleId :
BG3M7DL



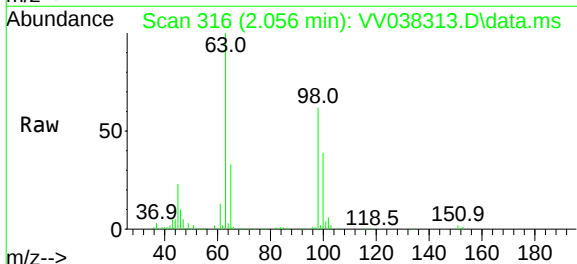
Tgt Ion:101 Resp: 135575
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

Manual Integrations
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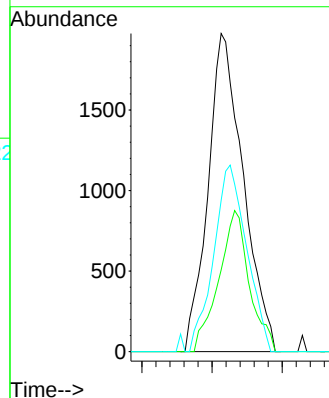
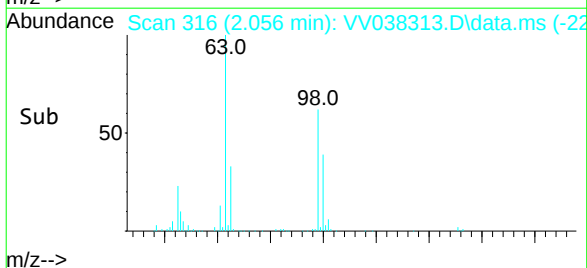
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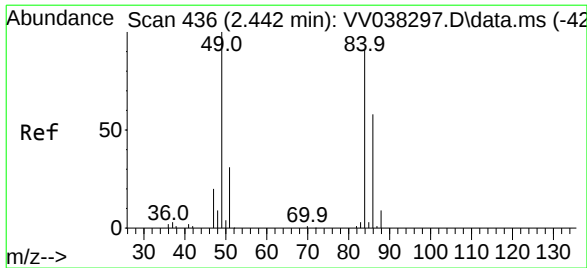


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.192 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV038313.D
Acq: 23 Nov 2024 21:13



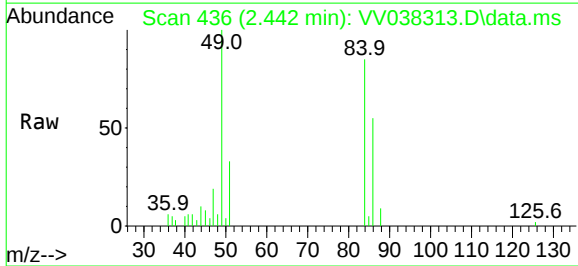
Tgt Ion:101 Resp: 3442
Ion Ratio Lower Upper
101 100
85 38.6 33.4 50.0
151 55.0 58.8 88.2#





#16
Methylene chloride
Concen: 0.311 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038313.D
Acq: 23 Nov 2024 21:13

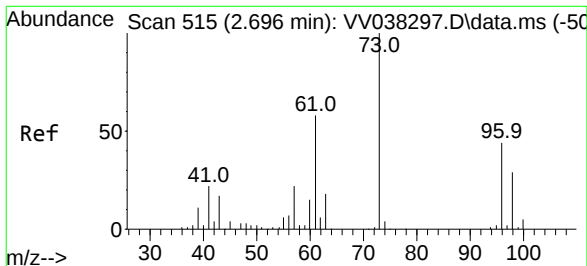
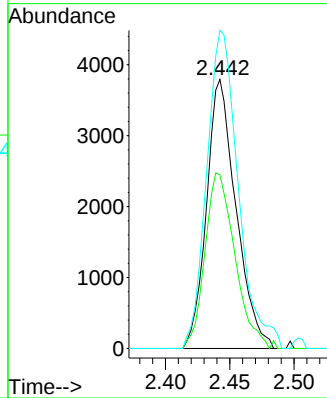
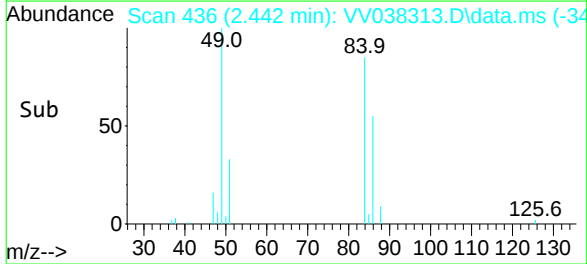
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Tgt Ion: 84 Resp: 6049
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.2
49 118.2 74.9 139.1

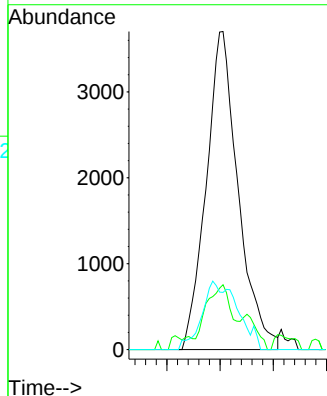
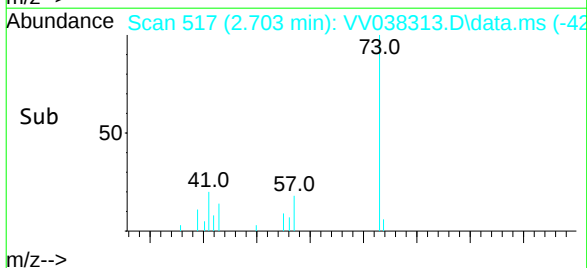
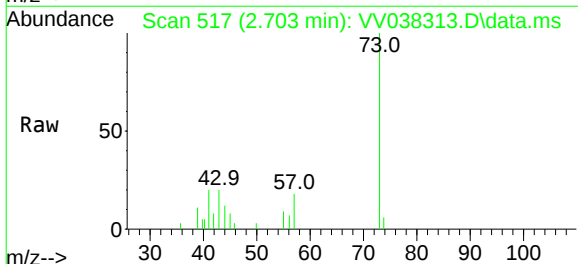
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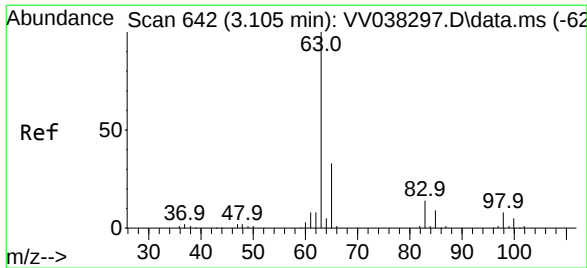
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#17
Methyl tert-butyl Ether
Concen: 0.200 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV038313.D
Acq: 23 Nov 2024 21:13

Tgt Ion: 73 Resp: 7724
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.2
57 13.8 17.6 26.4#





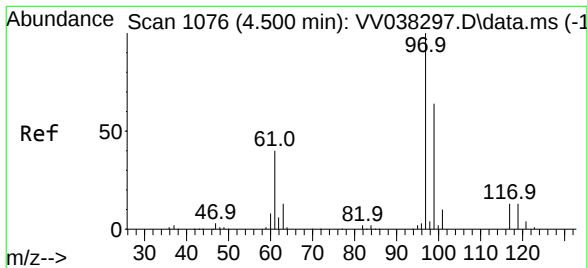
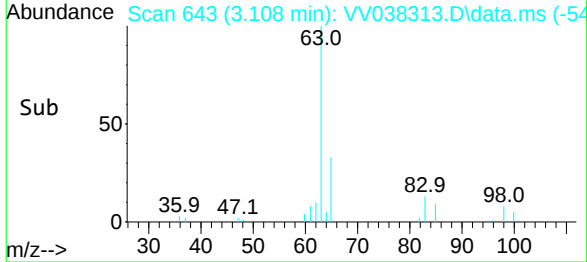
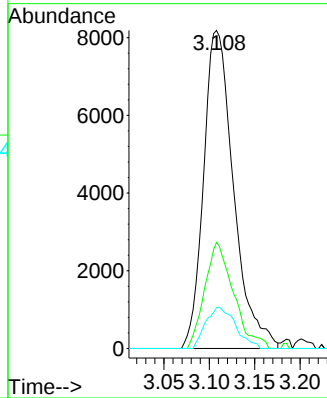
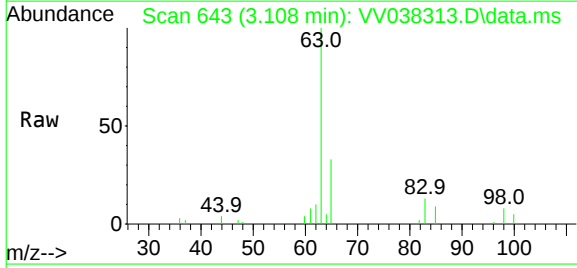
#19
1,1-Dichloroethane
Concen: 0.577 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038313.D
Acq: 23 Nov 2024 21:13

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Tgt Ion:	63	Resp:	18806
Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.5	41.7
83	12.8	10.1	18.9

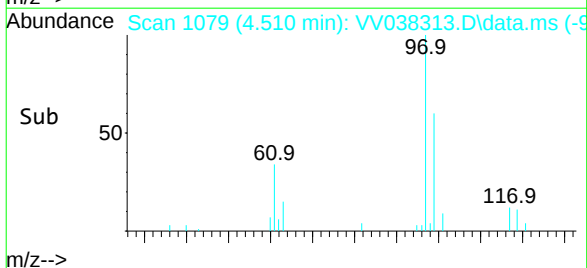
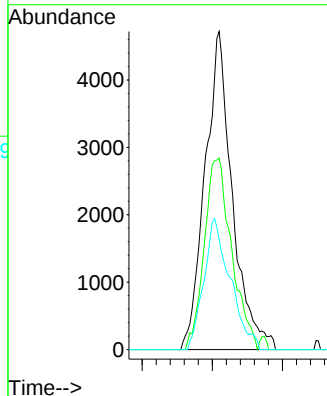
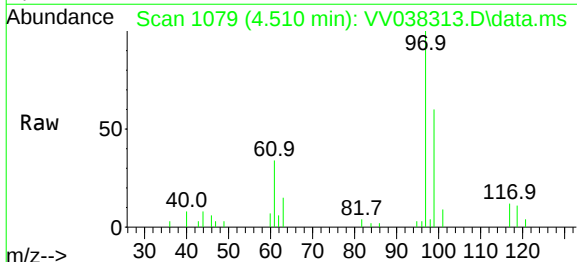
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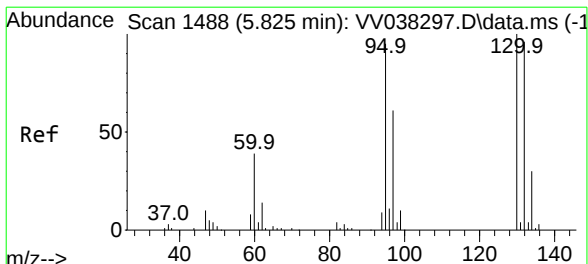
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#29
1,1,1-Trichloroethane
Concen: 0.407 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.007 min
Lab File: VV038313.D
Acq: 23 Nov 2024 21:13

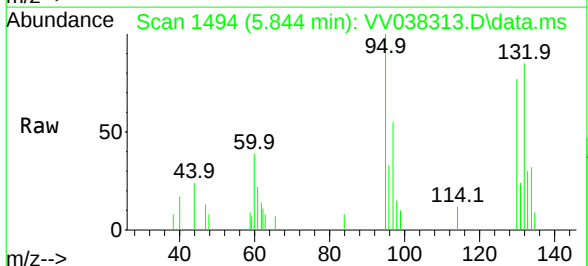
Tgt Ion:	97	Resp:	12740
Ion	Ratio	Lower	Upper
97	100		
99	60.3	51.8	77.8
61	39.8	32.2	48.2





#34
 Trichloroethene
 Concen: 0.202 ug/L m
 RT: 5.844 min Scan# 14
 Delta R.T. 0.016 min
 Lab File: VV038313.D
 Acq: 23 Nov 2024 21:13

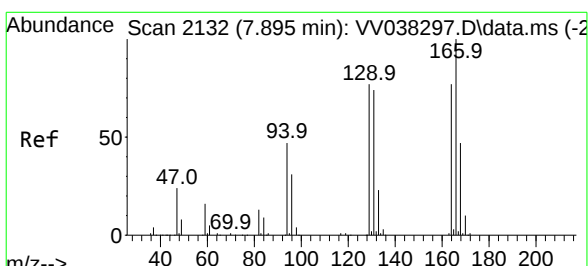
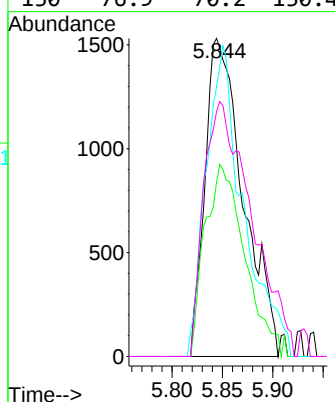
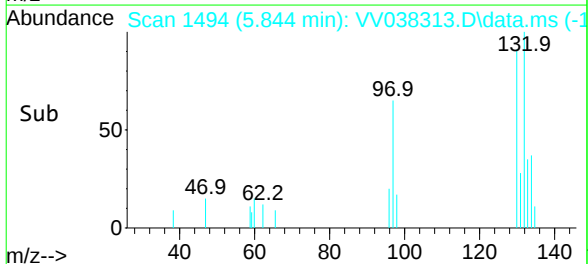
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 MSVOA_V
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Tgt Ion	Ratio	Lower	Upper
95	100		
97	54.8	44.8	83.2
132	84.7	68.3	126.8
130	76.9	70.2	130.4

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#47
 Tetrachloroethene
 Concen: 0.592 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.007 min
 Lab File: VV038313.D
 Acq: 23 Nov 2024 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.5	127.1
131	94.0	64.8	120.4
166	127.1	88.3	163.9

