

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038248.D
 Acq On : 21 Nov 2024 18:00
 Operator : SY/MD
 Sample : P4882-14DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J1DL

Quant Time: Nov 22 01:50:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

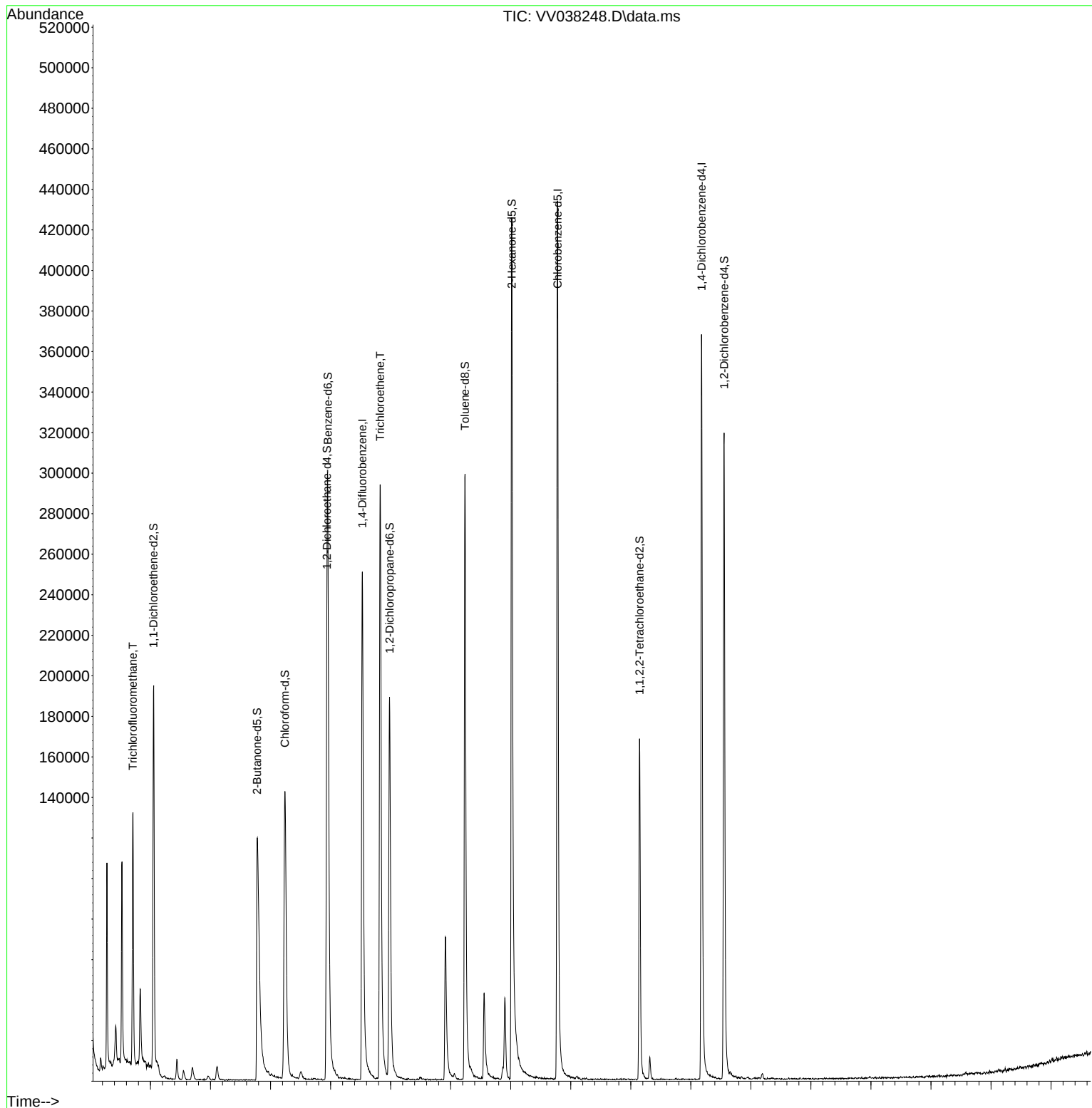
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242122	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	258395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	107847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64336	3.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.526	69	68202	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.050	65	31224	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.777	46	190895	51.419	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	4.240	84	167163	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	83389	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.953	84	281149	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.982	67	96926	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.239	98	220181	3.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.555	79	31612	4.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.018	63	157835	53.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87334	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	89768	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
9) Trichlorofluoromethane	1.706	101	73435	2.309	ug/L	99
16) Methylene chloride	2.442	84	4560	0.231	ug/L	87
17) Methyl tert-butyl Ether	2.699	73	5547	0.142	ug/L #	90
19) 1,1-Dichloroethane	3.114	63	7668	0.232	ug/L #	96
22) cis-1,2-Dichloroethene	3.805	96	11841	0.629	ug/L	94
34) Trichloroethene	5.825	95	112520	5.687	ug/L	97
47) Tetrachloroethene	7.905	164	10533	0.662	ug/L	94

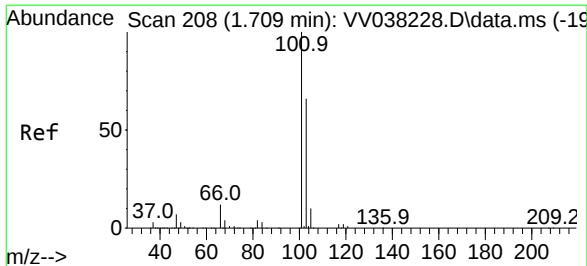
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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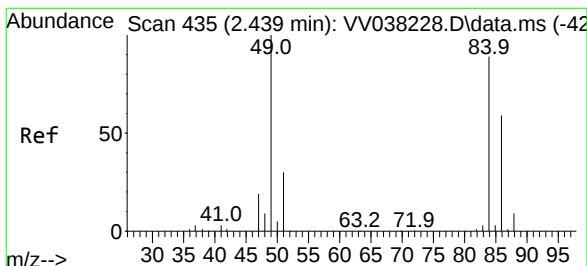
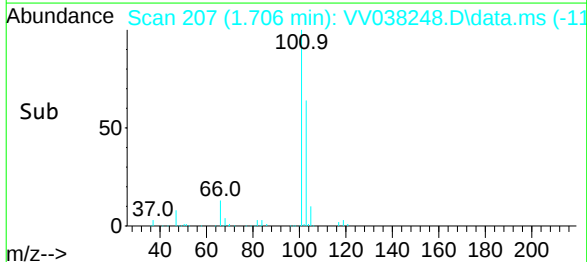
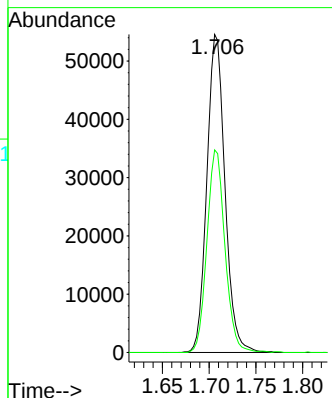
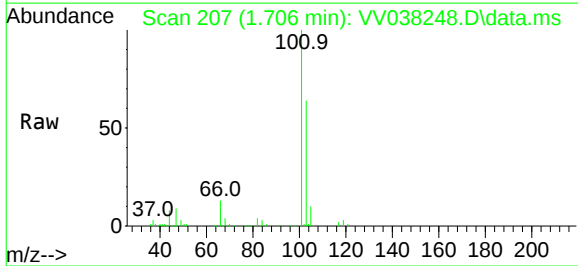




#9
 Trichlorofluoromethane
 Concen: 2.309 ug/L
 RT: 1.706 min Scan# 208
 Delta R.T. -0.003 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

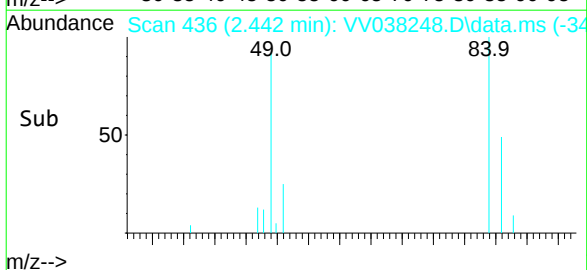
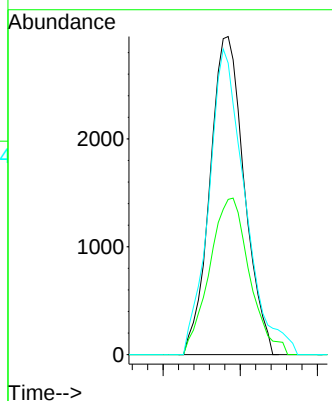
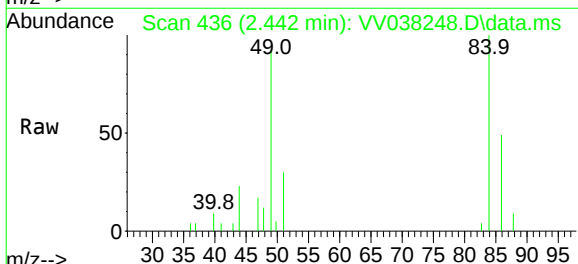
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J1DL

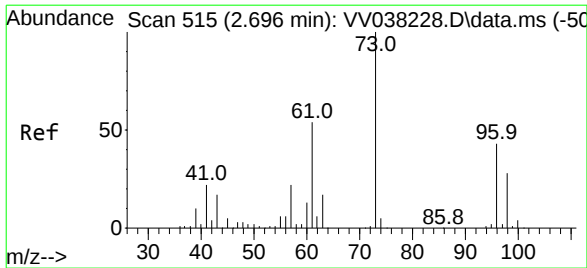
Tgt Ion:101 Resp: 73435
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#16
 Methylene chloride
 Concen: 0.231 ug/L
 RT: 2.442 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

Tgt Ion: 84 Resp: 4560
 Ion Ratio Lower Upper
 84 100
 86 48.8 44.2 82.2
 49 97.0 74.9 139.1

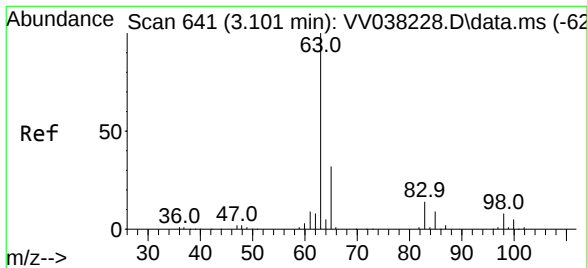
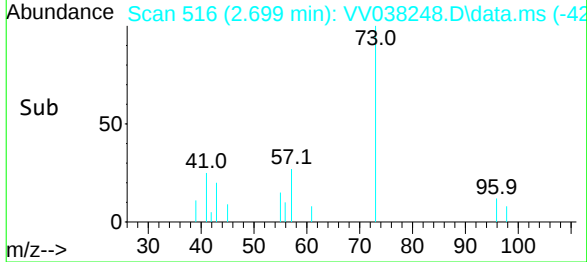
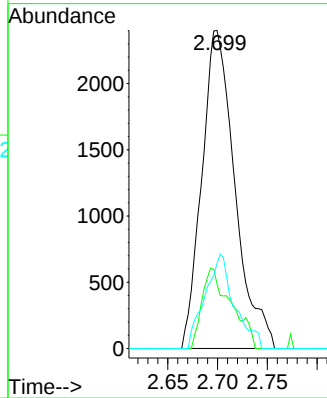
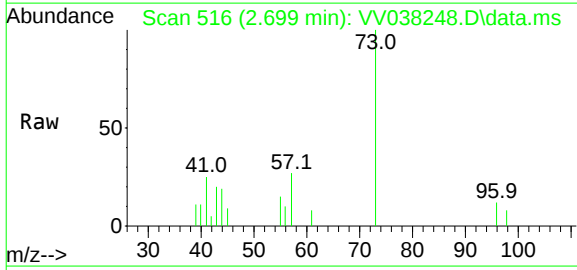




#17
Methyl tert-butyl Ether
Concen: 0.142 ug/L
RT: 2.699 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

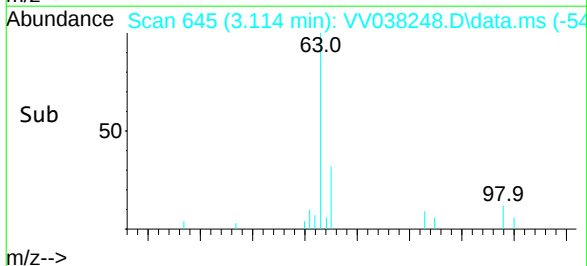
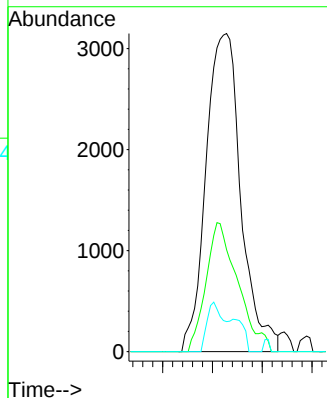
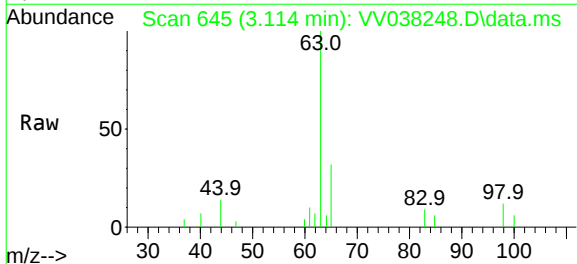
Instrument :
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ClientSampleId :
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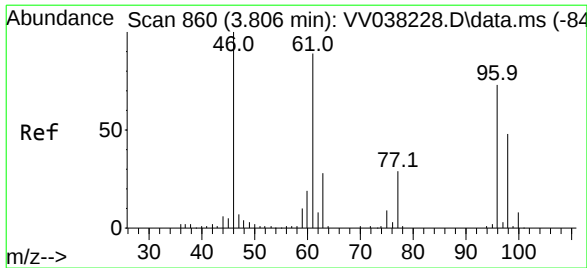
Tgt Ion:	73	Resp:	5547
Ion	Ratio	Lower	Upper
73	100		
43	22.3	14.2	21.2#
57	26.3	17.6	26.4



#19
1,1-Dichloroethane
Concen: 0.232 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.013 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

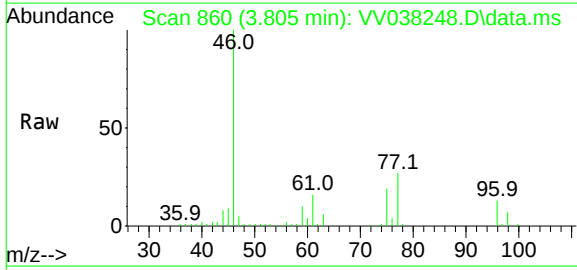
Tgt Ion:	63	Resp:	7668
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.5	41.7
83	9.4	10.1	18.9#



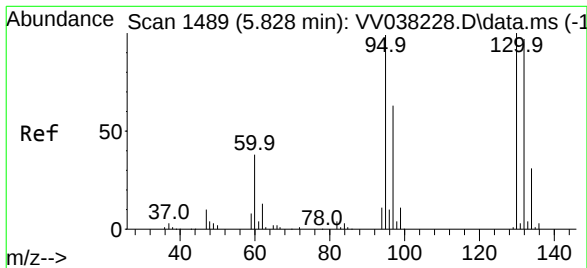
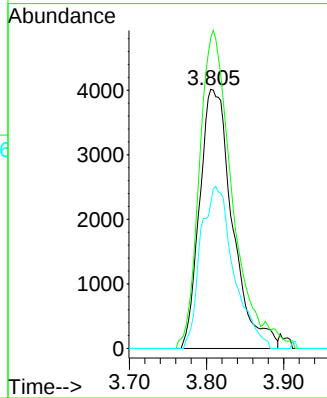
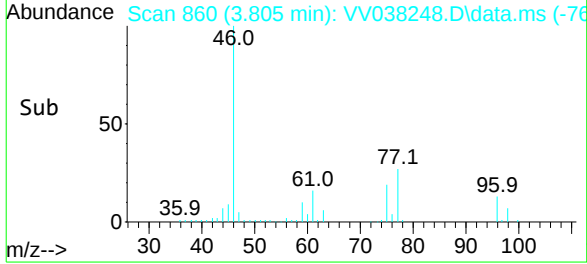


#22
 cis-1,2-Dichloroethene
 Concen: 0.629 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00

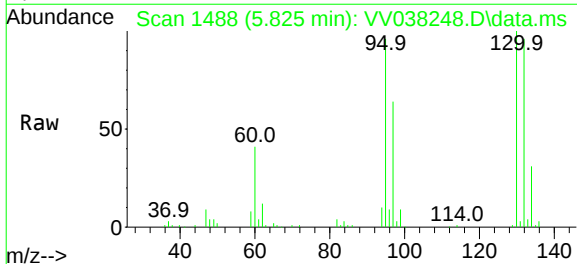
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J1DL



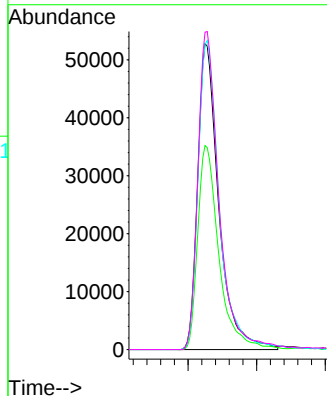
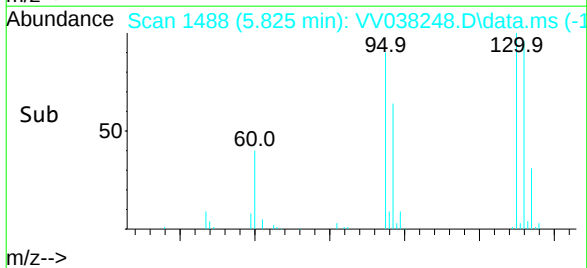
Tgt Ion:	96	Resp:	11841
Ion	Ratio	Lower	Upper
96	100		
61	120.0	82.7	153.5
98	55.9	46.3	85.9

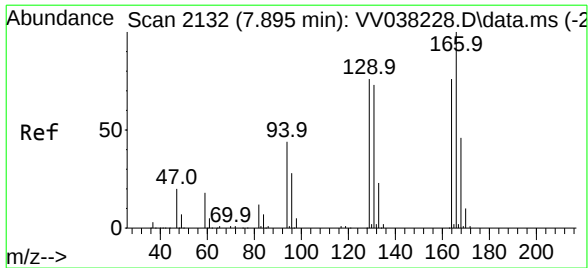


#34
 Trichloroethene
 Concen: 5.687 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038248.D
 Acq: 21 Nov 2024 18:00



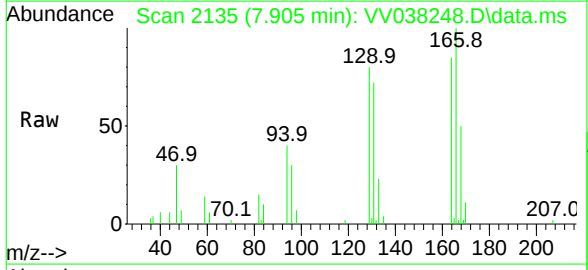
Tgt Ion:	95	Resp:	112520
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.8	83.2
132	99.9	68.3	126.8
130	103.8	70.2	130.4





#47
Tetrachloroethene
Concen: 0.662 ug/L
RT: 7.905 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038248.D
Acq: 21 Nov 2024 18:00

Instrument :
MSVOA_V
ClientSampleId :
BG3J1DL



Tgt Ion:164 Resp: 10533

Ion	Ratio	Lower	Upper
164	100		
129	94.3	68.5	127.1
131	84.8	64.8	120.4
166	117.9	88.3	163.9

