

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038304.D
 Acq On : 23 Nov 2024 17:36
 Operator : SY/MD
 Sample : P4884-10DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N4DL

Quant Time: Nov 23 23:01:44 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)

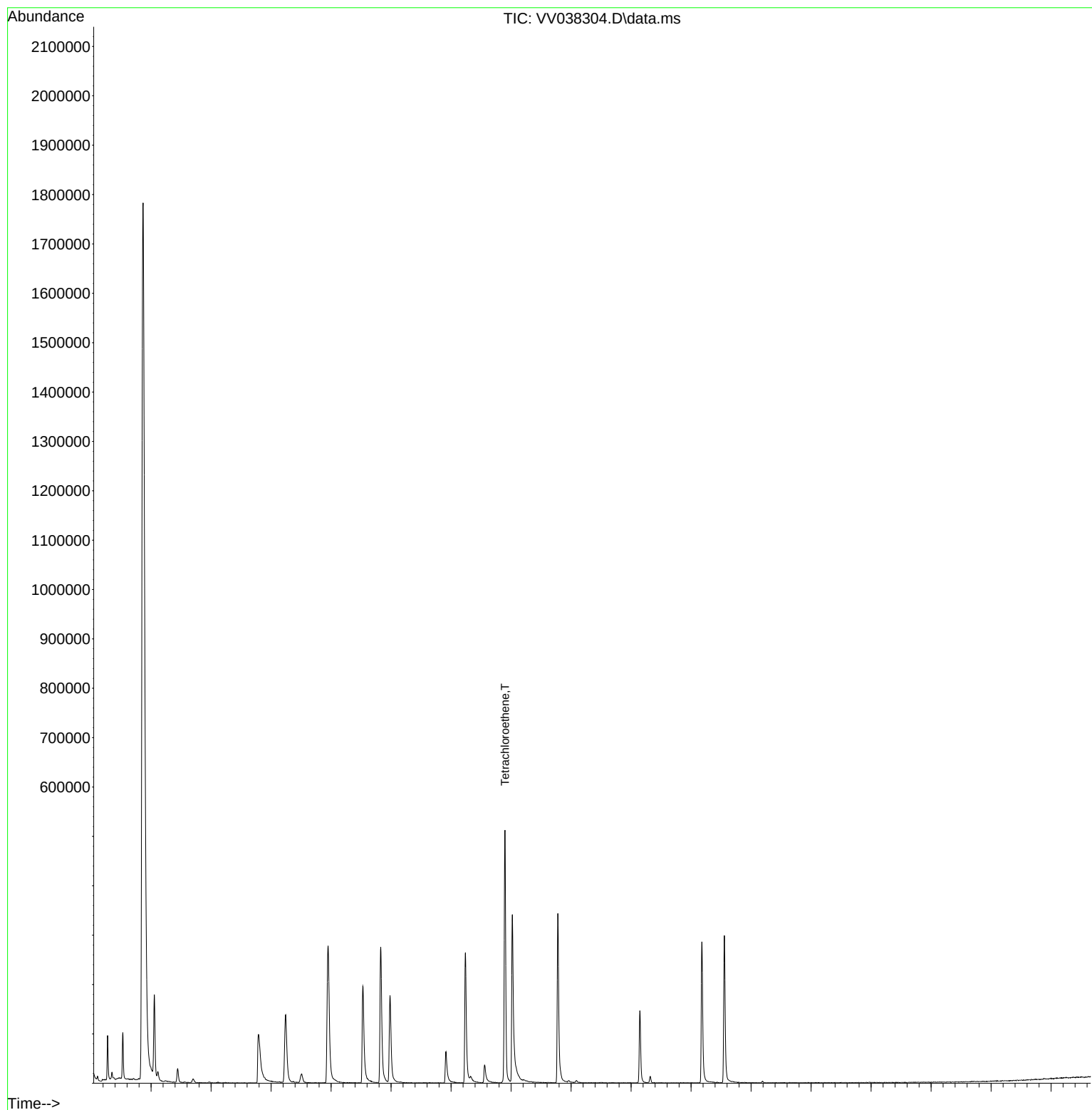
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	183145	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	205142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	84247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58518	4.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.529	69	61058	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.053	65	26917	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.786	46	154348	54.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	4.239	84	156906	5.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	4.937	65	77633	6.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.000%
32) Benzene-d6	4.953	84	262077	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.982	67	90542	5.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.239	98	196116	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.558	79	28327	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.021	63	124389	52.755	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	76767	5.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	83683	5.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2647	0.193	ug/L #	77
16) Methylene chloride	2.442	84	12265	0.822	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	6367	0.215	ug/L #	93
22) cis-1,2-Dichloroethene	3.812	96	8158	0.573	ug/L	86
29) 1,1,1-Trichloroethane	4.506	97	15048	0.612	ug/L	96
34) Trichloroethene	5.828	95	107941	6.872	ug/L	99
42) Toluene	7.329	91	8482	0.139	ug/L	95
47) Tetrachloroethene	7.899	164	116655	9.242	ug/L	98
51) Chlorobenzene	8.818	112	5486	0.130	ug/L	96

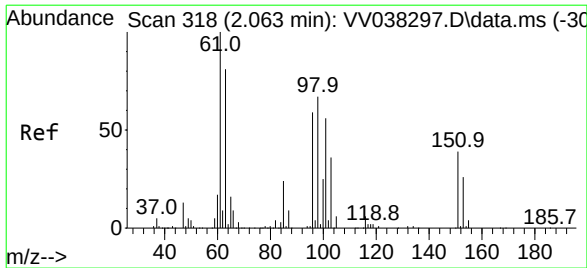
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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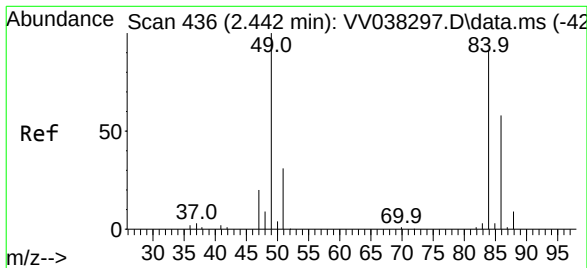
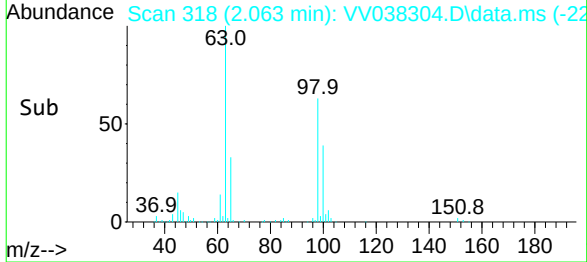
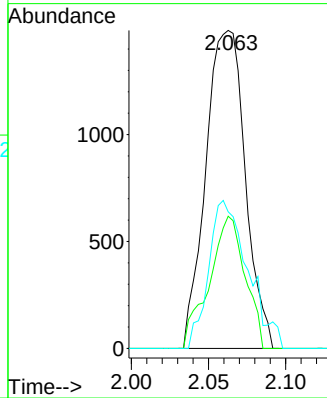
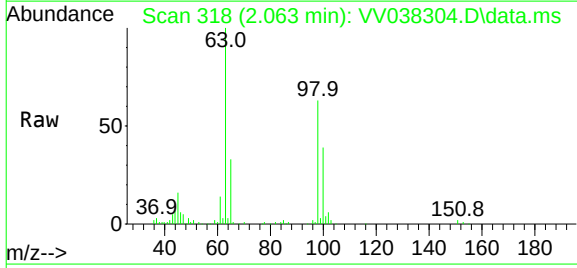




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.193 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

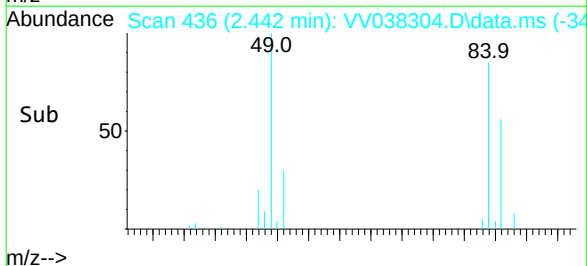
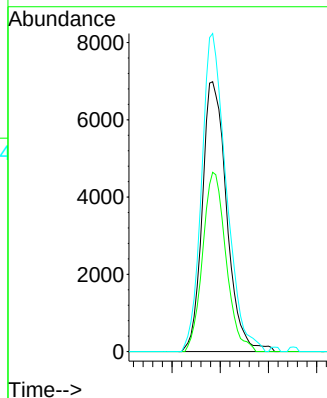
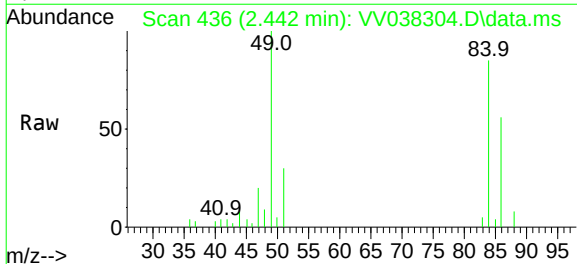
Instrument :
MSVOA_V
ClientSampleId :
BG3N4DL

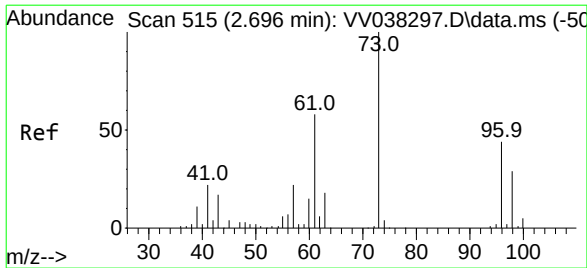
Tgt Ion: 101 Resp: 2647
Ion Ratio Lower Upper
101 100
85 37.8 33.4 50.0
151 46.2 58.8 88.2#



#16
Methylene chloride
Concen: 0.822 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion: 84 Resp: 12265
Ion Ratio Lower Upper
84 100
86 66.4 44.2 82.2
49 117.8 74.9 139.1

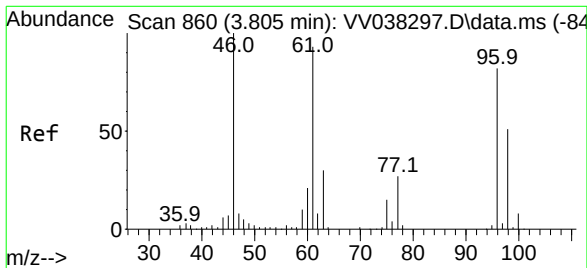
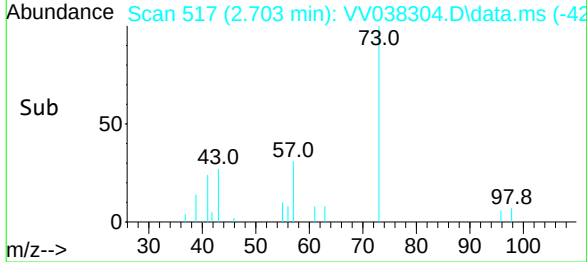
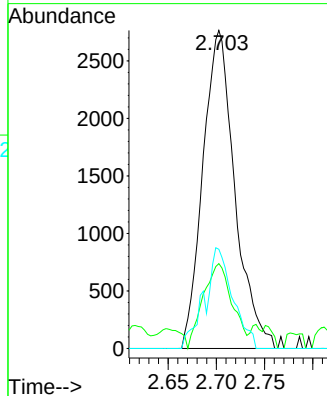
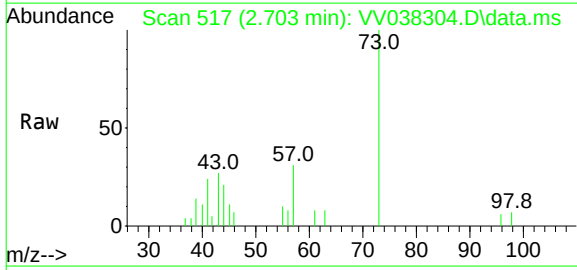




#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

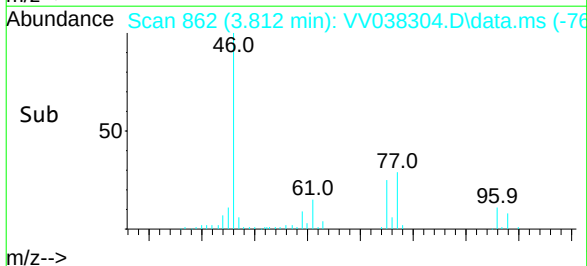
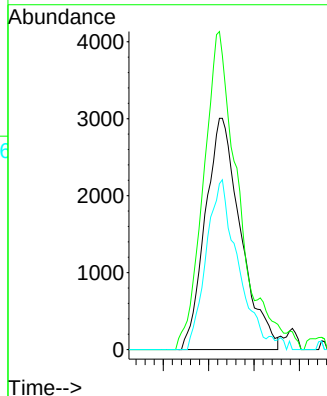
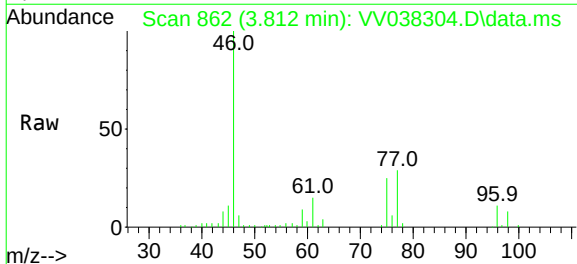
Instrument :
MSVOA_V
ClientSampleId :
BG3N4DL

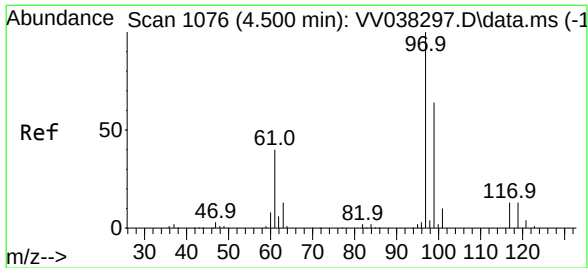
Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.3	14.2	21.2#
57	21.7	17.6	26.4



#22
cis-1,2-Dichloroethene
Concen: 0.573 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.5	82.7	153.5
98	71.7	46.3	85.9

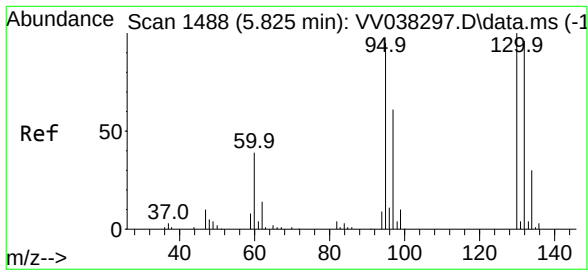
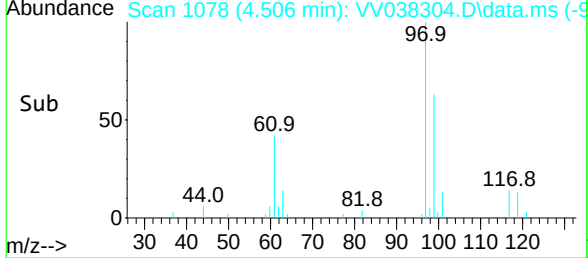
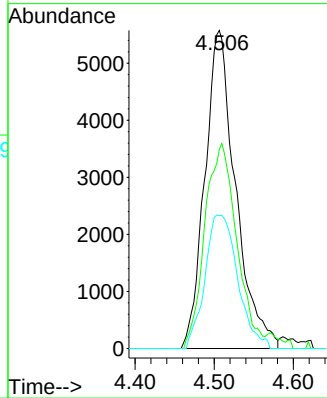
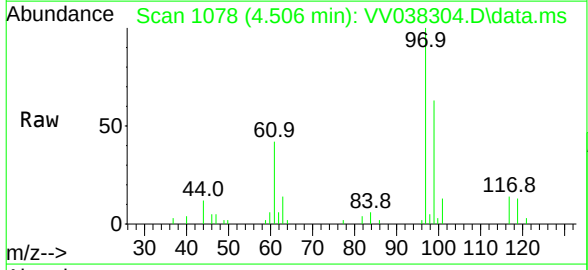




#29
1,1,1-Trichloroethane
Concen: 0.612 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

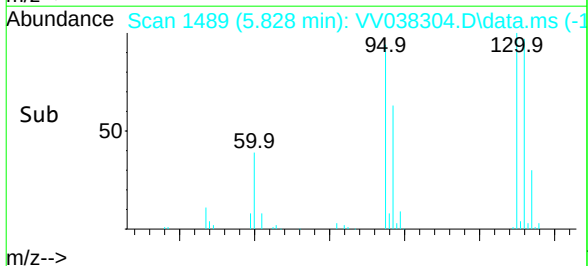
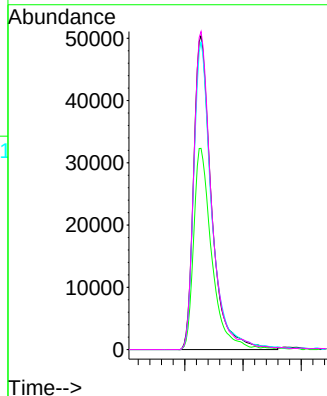
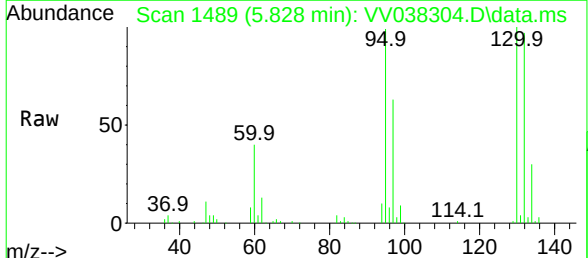
Instrument :
MSVOA_V
ClientSampleId :
BG3N4DL

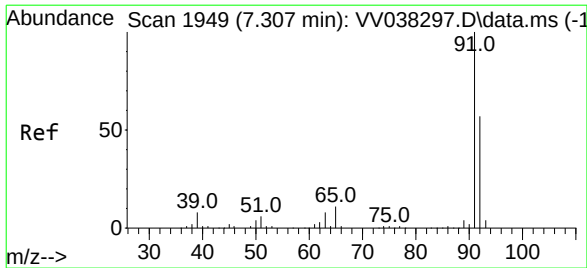
Tgt Ion: 97	Resp: 15048
Ion Ratio	Lower Upper
97 100	
99 66.7	51.8 77.8
61 44.6	32.2 48.2



#34
Trichloroethene
Concen: 6.872 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion: 95	Resp: 107941
Ion Ratio	Lower Upper
95 100	
97 64.1	44.8 83.2
132 98.0	68.3 126.8
130 101.3	70.2 130.4





#42

Toluene

Concen: 0.139 ug/L

RT: 7.329 min Scan# 19

Delta R.T. 0.023 min

Lab File: VV038304.D

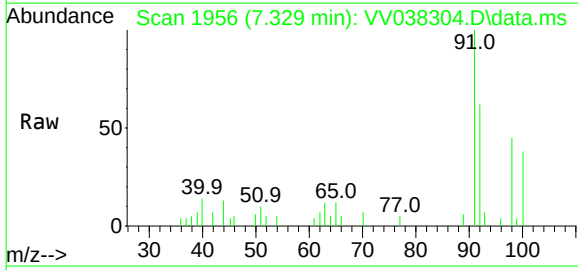
Acq: 23 Nov 2024 17:36

Instrument :

MSVOA_V

ClientSampleId :

BG3N4DL

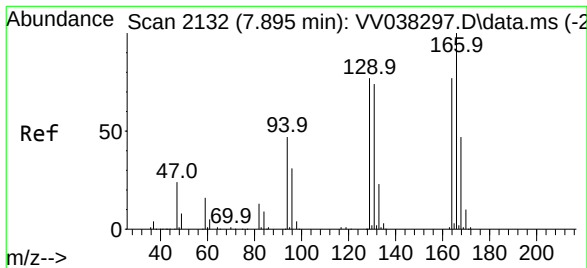
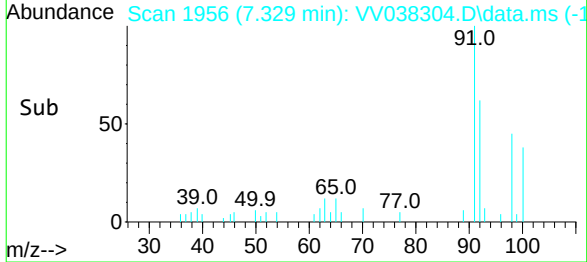
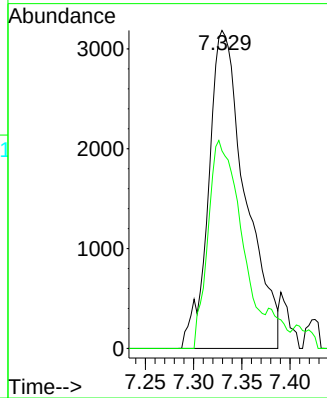


Tgt Ion: 91 Resp: 8482

Ion Ratio Lower Upper

91 100

92 62.1 40.8 75.8



#47

Tetrachloroethene

Concen: 9.242 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038304.D

Acq: 23 Nov 2024 17:36

Tgt Ion: 164 Resp: 116655

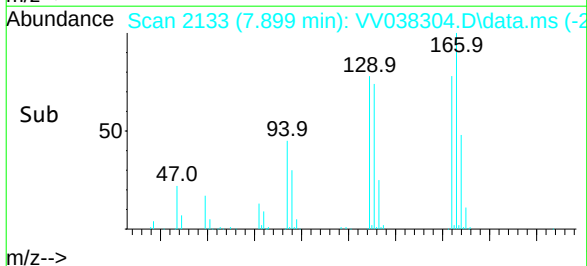
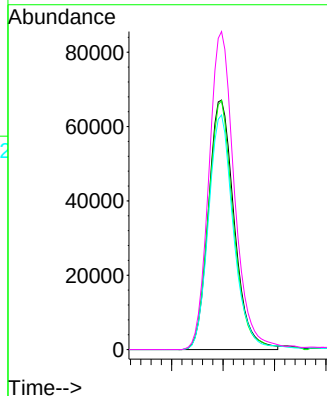
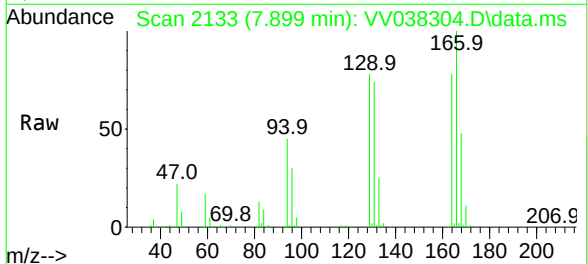
Ion Ratio Lower Upper

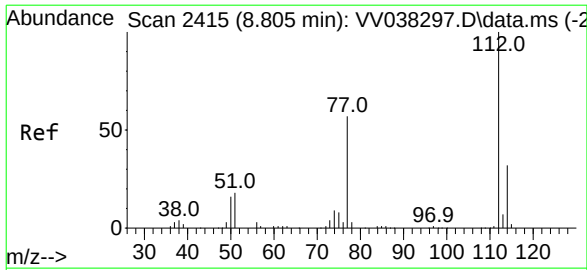
164 100

129 99.8 68.5 127.1

131 94.0 64.8 120.4

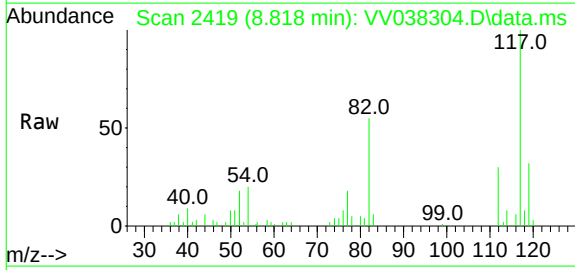
166 127.5 88.3 163.9





#51
Chlorobenzene
Concen: 0.130 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.013 min
Lab File: VV038304.D
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Tgt Ion:	112	Resp:	5486
Ion	Ratio	Lower	Upper
112	100		
114	27.6	22.0	40.8
77	58.5	45.0	67.4

