

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038299.D
 Acq On : 23 Nov 2024 15:36
 Operator : SY/MD
 Sample : P4884-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M9

Quant Time: Nov 23 23:01:09 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)

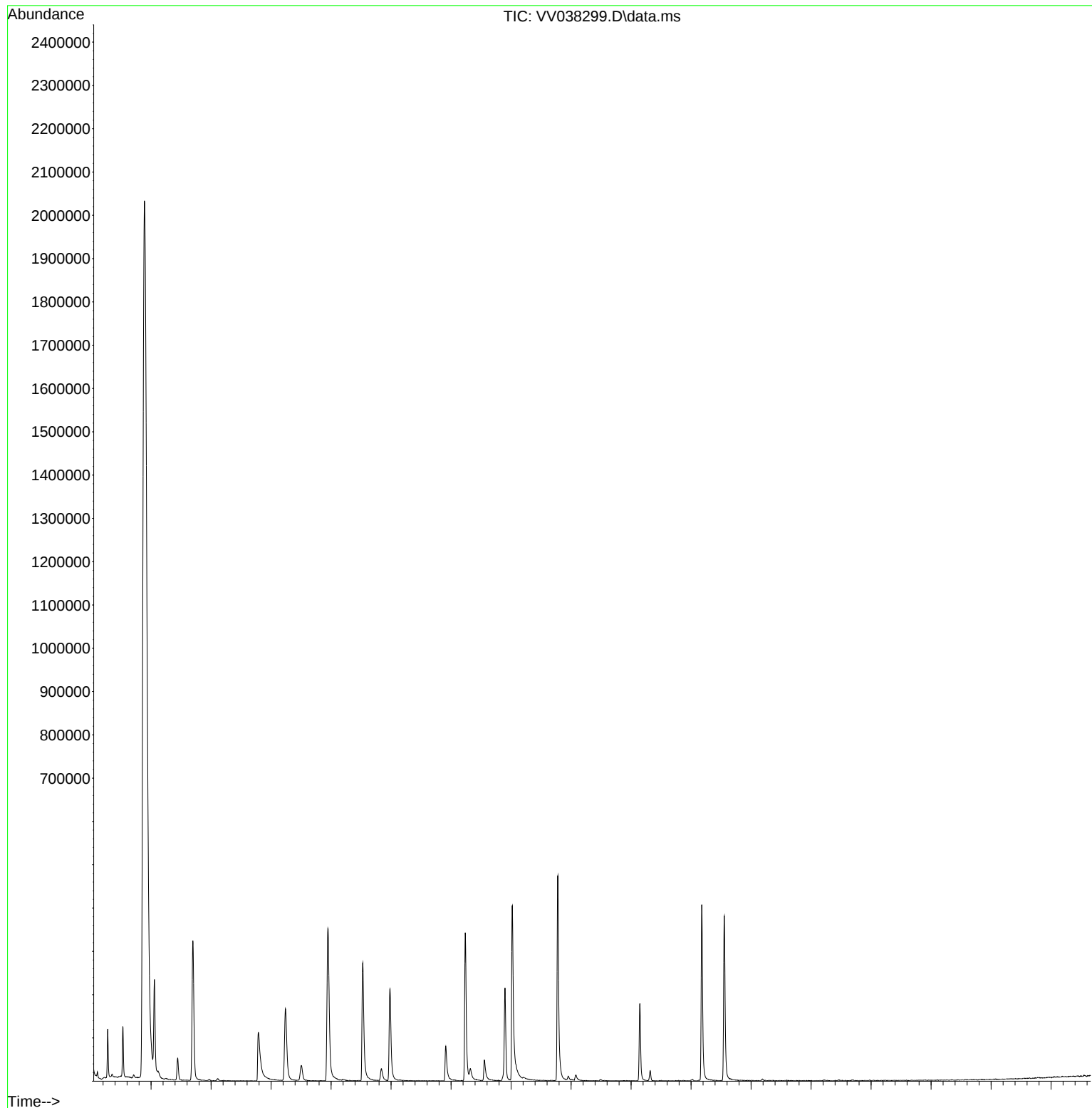
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	263788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	281500	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71218	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.529	69	75293	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.056	65	33328	3.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.786	46	203767	50.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.760%
24) Chloroform-d	4.240	84	191034	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.934	65	87121	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.953	84	323683	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.979	67	110471	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.236	98	251420	3.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.555	79	34403	4.133	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.018	63	152826	47.234	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.460%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89280	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	106745	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	6549	0.262	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	4424	0.224	ug/L	87
16) Methylene chloride	2.442	84	22510	1.048	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	317060	7.443	ug/L	100
19) 1,1-Dichloroethane	3.111	63	4820	0.134	ug/L	89
25) Chloroform	4.268	83	6933	0.180	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	31235	0.925	ug/L	97
34) Trichloroethene	5.844	95	11297	0.524	ug/L	95
42) Toluene	7.323	91	23235	0.277	ug/L	99
47) Tetrachloroethene	7.899	164	49561	2.861	ug/L	97
51) Chlorobenzene	8.815	112	14467	0.251	ug/L	97
52) Ethylbenzene	8.953	91	6863	0.077	ug/L	99
53) m,p-Xylene	9.082	106	5043	0.150	ug/L	85
67) 1,2-Dichlorobenzene	11.574	146	8023	0.237	ug/L	97

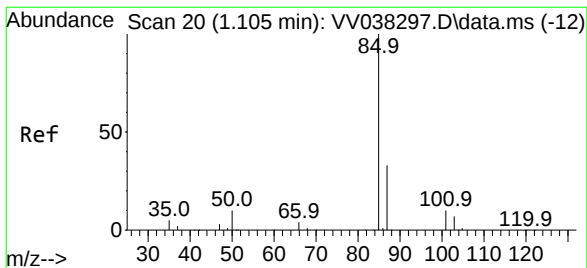
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.262 ug/L

RT: 1.105 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :

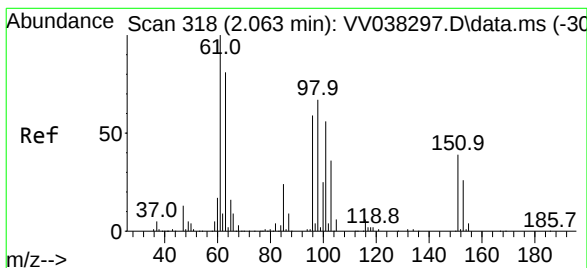
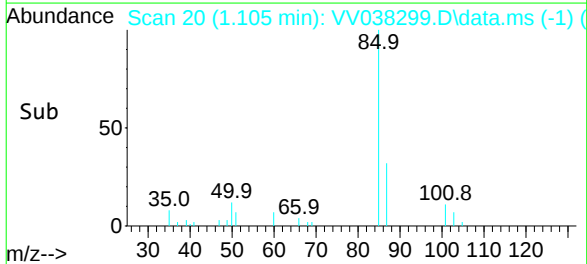
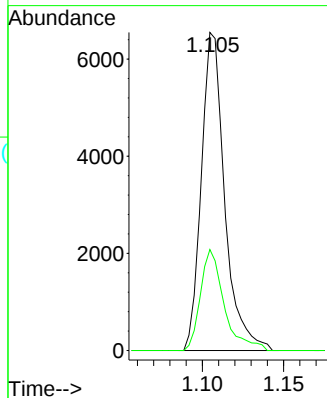
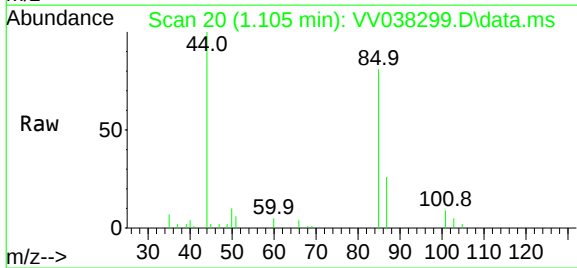
BG3M9

Tgt Ion: 85 Resp: 6549

Ion Ratio Lower Upper

85 100

87 32.2 26.5 39.7



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.224 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

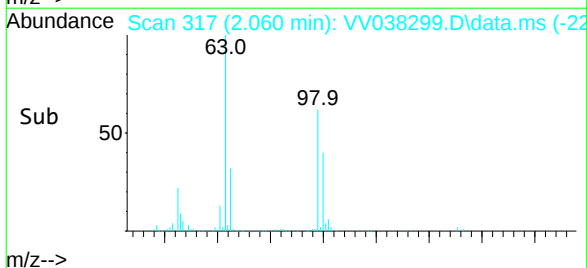
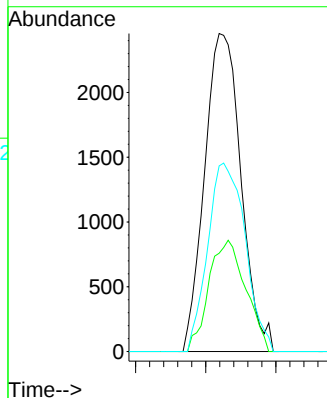
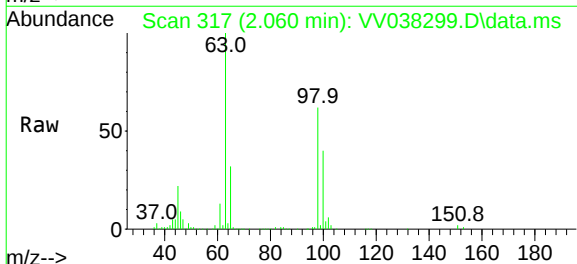
Tgt Ion: 101 Resp: 4424

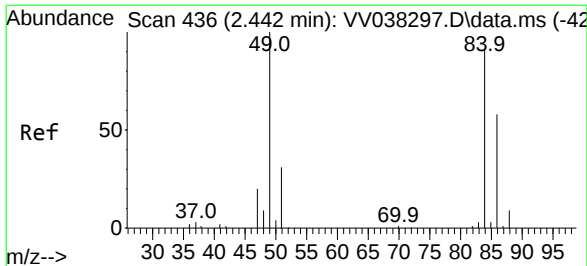
Ion Ratio Lower Upper

101 100

85 35.5 33.4 50.0

151 61.1 58.8 88.2





#16

Methylene chloride

Concen: 1.048 ug/L

RT: 2.442 min Scan# 43

Delta R.T. 0.003 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

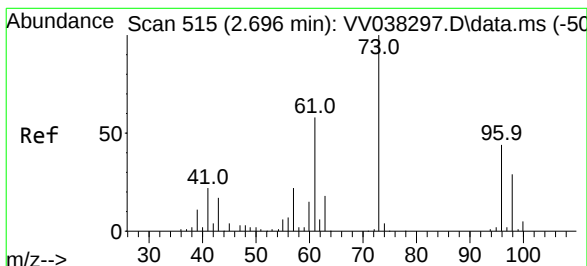
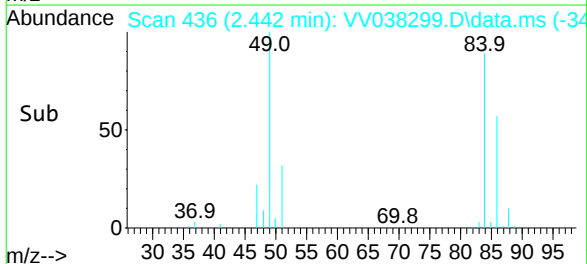
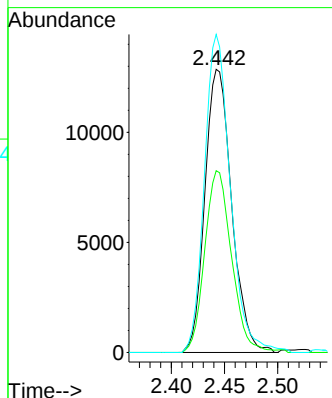
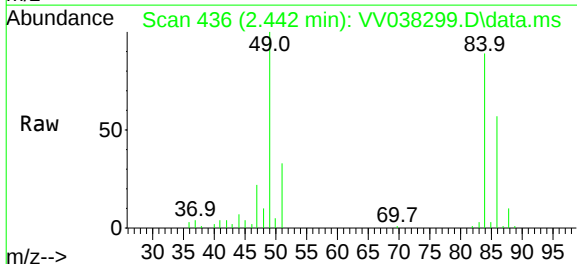
Instrument :

MSVOA_V

ClientSampleId :

BG3M9

Tgt Ion:	84	Resp:	22510
Ion	Ratio	Lower	Upper
84	100		
86	64.2	44.2	82.2
49	112.3	74.9	139.1



#17

Methyl tert-butyl Ether

Concen: 7.443 ug/L

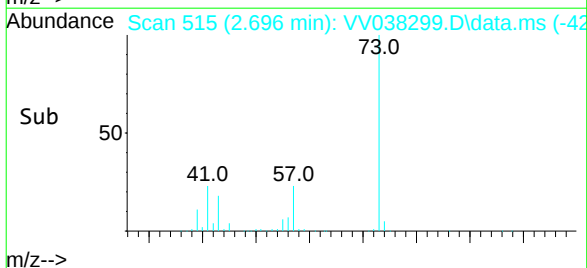
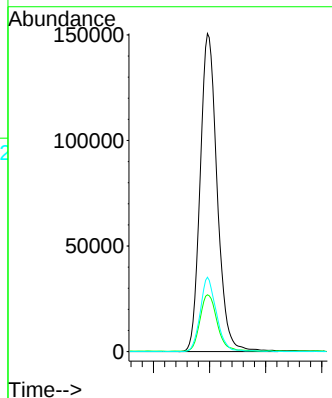
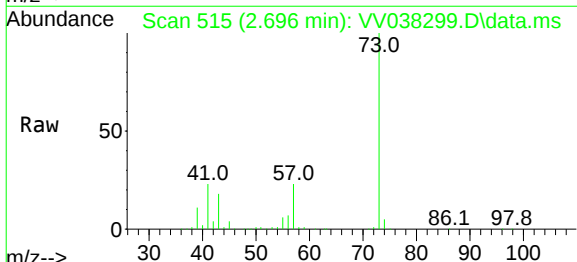
RT: 2.696 min Scan# 515

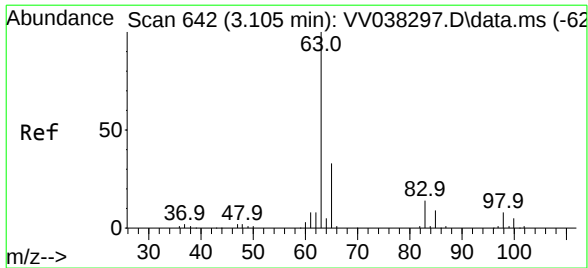
Delta R.T. 0.000 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

Tgt Ion:	73	Resp:	317060
Ion	Ratio	Lower	Upper
73	100		
43	17.9	14.2	21.2
57	22.1	17.6	26.4

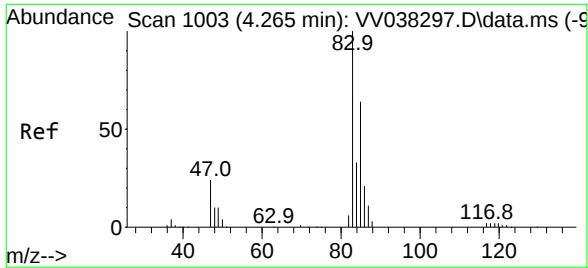
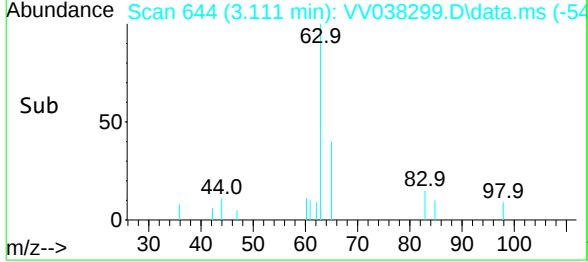
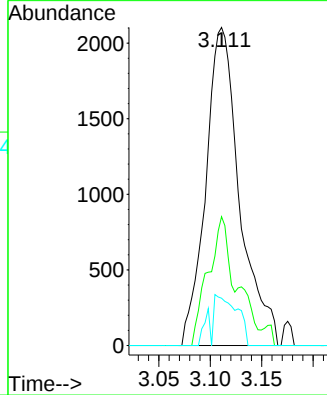
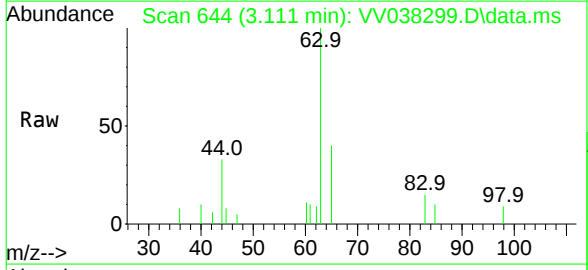




#19
1,1-Dichloroethane
Concen: 0.134 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV038299.D
Acq: 23 Nov 2024 15:36

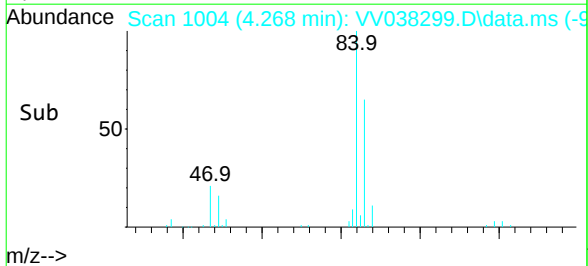
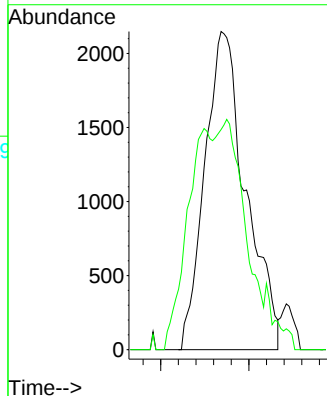
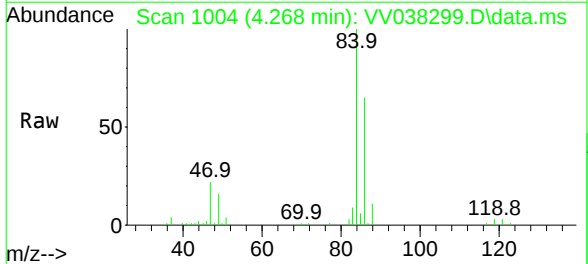
Instrument :
MSVOA_V
ClientSampleId :
BG3M9

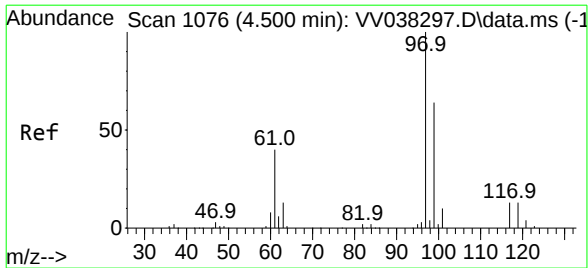
Tgt Ion:	63	Resp:	4820
Ion	Ratio	Lower	Upper
63	100		
65	40.5	22.5	41.7
83	14.9	10.1	18.9



#25
Chloroform
Concen: 0.180 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV038299.D
Acq: 23 Nov 2024 15:36

Tgt Ion:	83	Resp:	6933
Ion	Ratio	Lower	Upper
83	100		
85	69.2	46.5	86.3

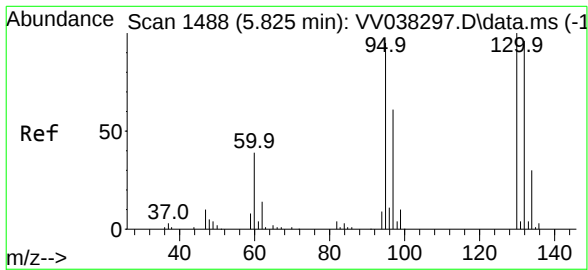
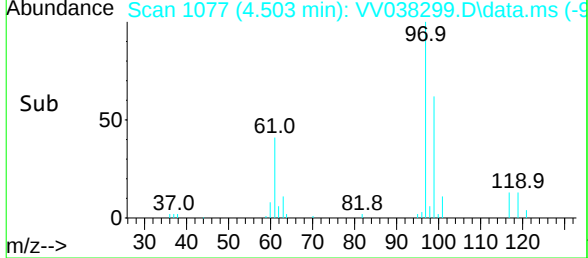
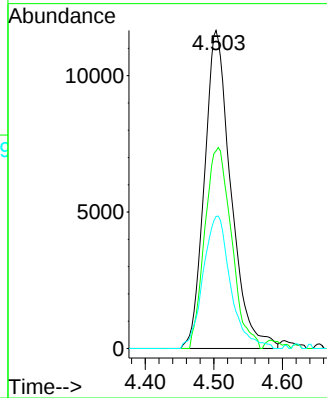
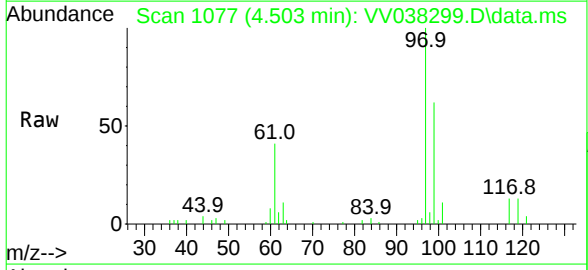




#29
1,1,1-Trichloroethane
Concen: 0.925 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038299.D
Acq: 23 Nov 2024 15:36

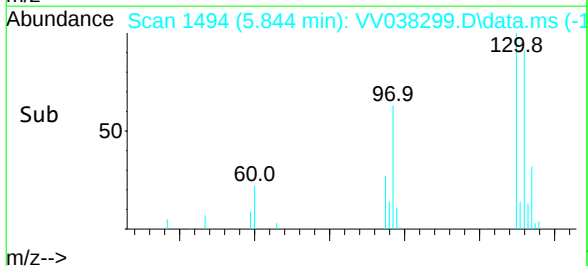
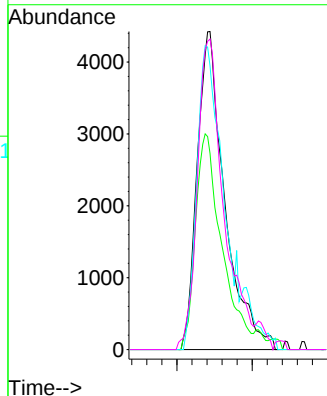
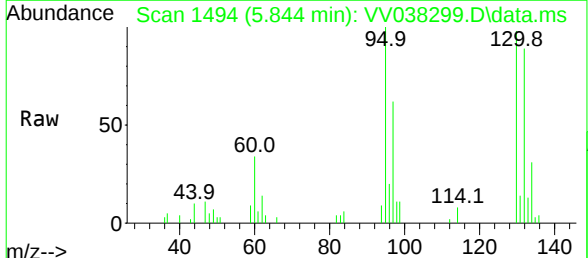
Instrument :
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ClientSampleId :
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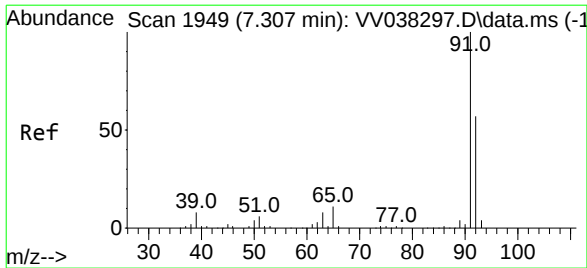
Tgt Ion: 97	Resp: 31235
Ion Ratio	Lower Upper
97 100	
99 63.9	51.8 77.8
61 43.2	32.2 48.2



#34
Trichloroethene
Concen: 0.524 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038299.D
Acq: 23 Nov 2024 15:36

Tgt Ion: 95	Resp: 11297
Ion Ratio	Lower Upper
95 100	
97 61.6	44.8 83.2
132 89.2	68.3 126.8
130 97.6	70.2 130.4





#42

Toluene

Concen: 0.277 ug/L

RT: 7.323 min Scan# 19

Delta R.T. 0.016 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :

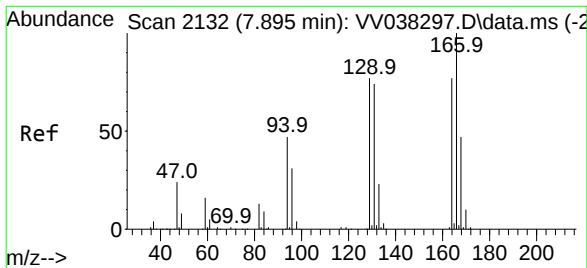
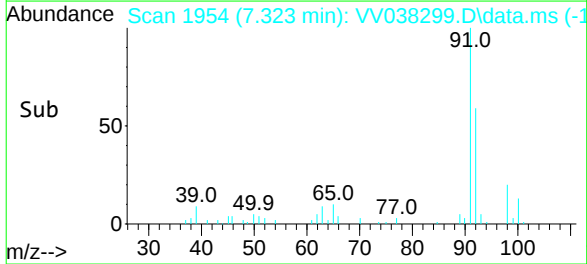
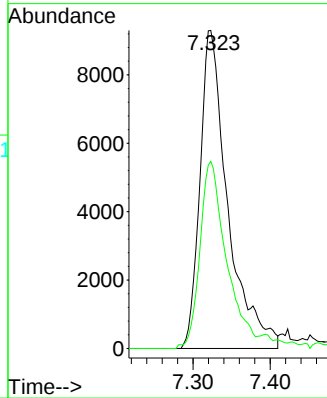
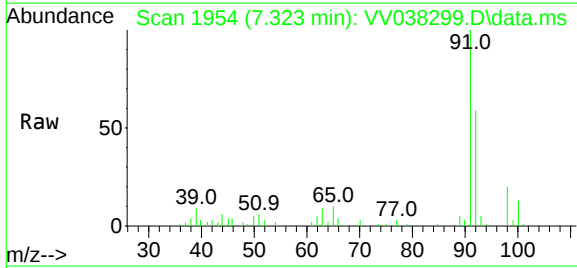
BG3M9

Tgt Ion: 91 Resp: 23235

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#47

Tetrachloroethene

Concen: 2.861 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

Tgt Ion: 164 Resp: 49561

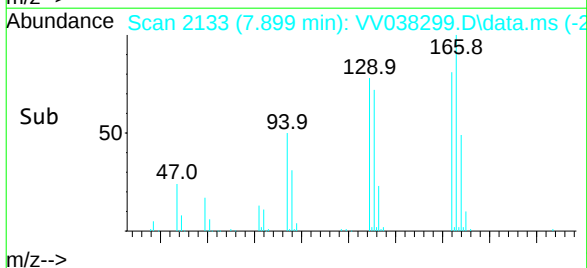
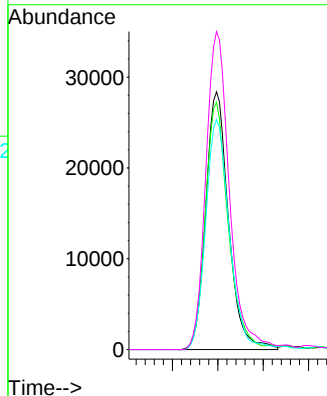
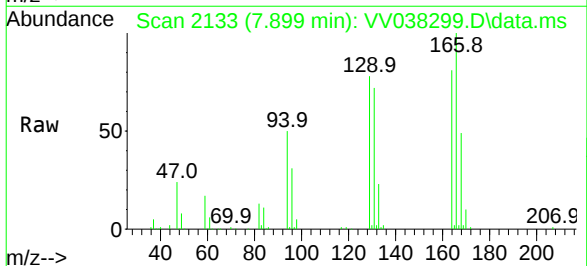
Ion Ratio Lower Upper

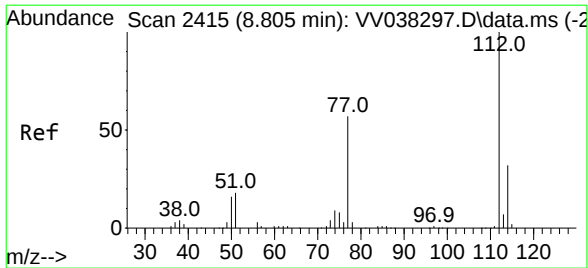
164 100

129 96.0 68.5 127.1

131 89.2 64.8 120.4

166 123.4 88.3 163.9

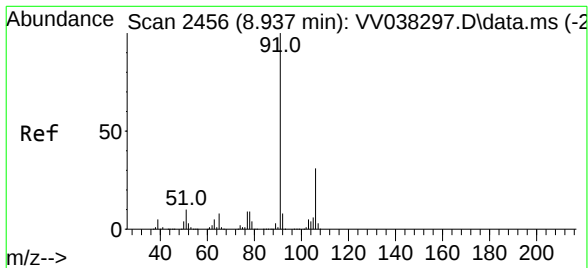
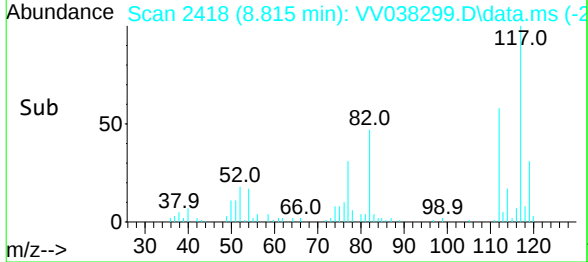
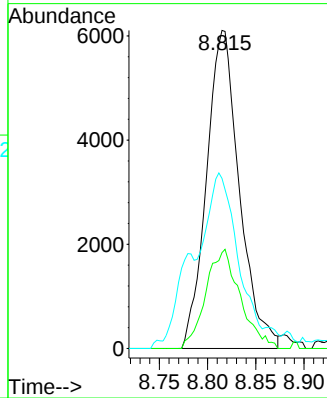
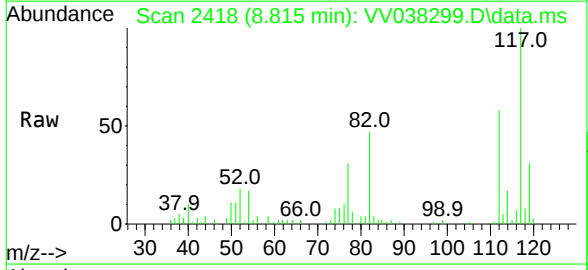




#51
Chlorobenzene
Concen: 0.251 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038299.D
Acq: 23 Nov 2024 15:36

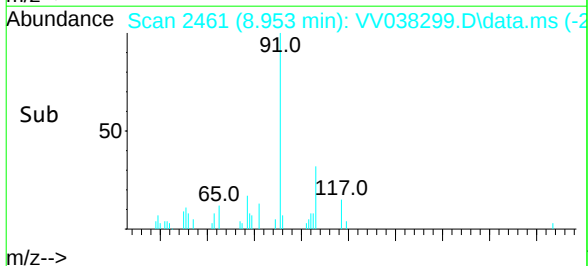
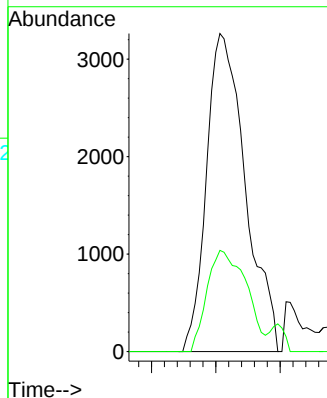
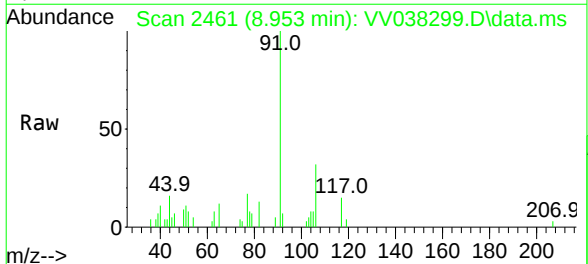
Instrument :
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BG3M9

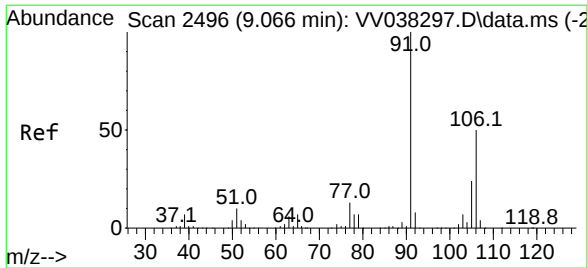
Tgt Ion:	112	Resp:	14467
Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.0	40.8
77	53.5	45.0	67.4



#52
Ethylbenzene
Concen: 0.077 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV038299.D
Acq: 23 Nov 2024 15:36

Tgt Ion:	91	Resp:	6863
Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.8	40.4





#53

m,p-Xylene

Concen: 0.150 ug/L

RT: 9.082 min Scan# 25

Delta R.T. 0.016 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :

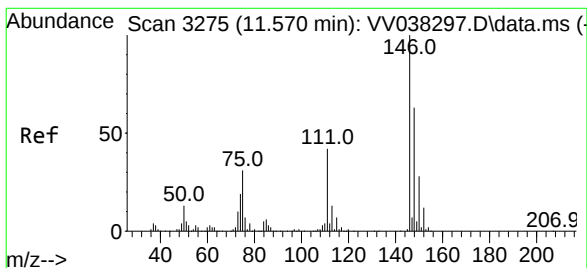
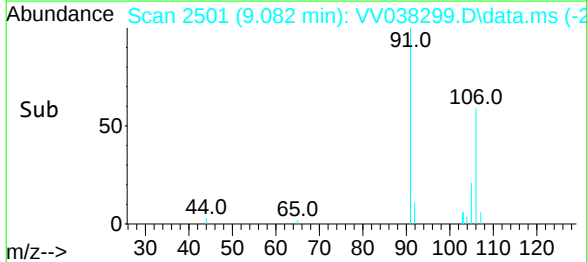
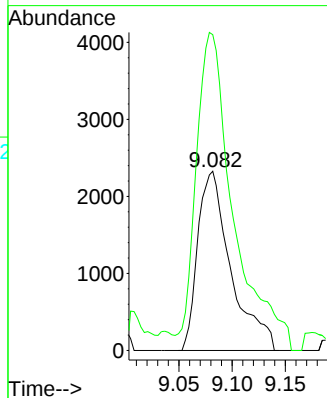
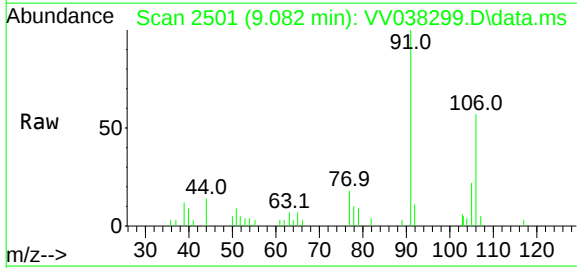
BG3M9

Tgt Ion:106 Resp: 5043

Ion Ratio Lower Upper

106 100

91 176.2 138.7 257.5



#67

1,2-Dichlorobenzene

Concen: 0.237 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038299.D

Acq: 23 Nov 2024 15:36

Tgt Ion:146 Resp: 8023

Ion Ratio Lower Upper

146 100

111 47.1 34.2 51.2

148 64.7 51.0 76.4

