

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038185.D
 Acq On : 19 Nov 2024 18:32
 Operator : SY/MD
 Sample : P4882-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H9

Quant Time: Nov 20 00:37:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	214874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	230689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	98266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	82160	4.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.529	69	76324	5.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.600%
11) 1,1-Dichloroethene-d2	2.053	65	36850	5.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	3.780	46	202328	61.410	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.820%
24) Chloroform-d	4.240	84	180199	5.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	4.937	65	89269	6.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.400%
32) Benzene-d6	4.953	84	326346	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	5.982	67	105979	5.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.600%
41) Toluene-d8	7.236	98	268889	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.554	79	35886	5.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.018	63	177897	67.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.180%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	91799	5.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	108594	6.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.800%#
Target Compounds	Qvalue					
9) Trichlorofluoromethane	1.709	101	1955419	69.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	25633	1.591	ug/L	100
12) 1,1-Dichloroethene	2.063	96	16114	1.050	ug/L #	1
16) Methylene chloride	2.439	84	85928	4.910	ug/L	99
19) 1,1-Dichloroethane	3.104	63	151791	5.172	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	18395	1.100	ug/L	91
27) 1,2-Dichloroethane	5.056	62	9856	0.577	ug/L	95
29) 1,1,1-Trichloroethane	4.503	97	91266	3.299	ug/L	99
34) Trichloroethene	5.828	95	113720	6.438	ug/L	98
42) Toluene	7.317	91	46676	0.680	ug/L	98
47) Tetrachloroethene	7.899	164	73248	5.160	ug/L	97
51) Chlorobenzene	8.815	112	23745	0.502	ug/L	94
52) Ethylbenzene	8.950	91	13347	0.183	ug/L	100
53) m,p-Xylene	9.075	106	9167	0.334	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	3526	0.229	ug/L #	91
67) 1,2-Dichlorobenzene	11.574	146	8877	0.316	ug/L	94

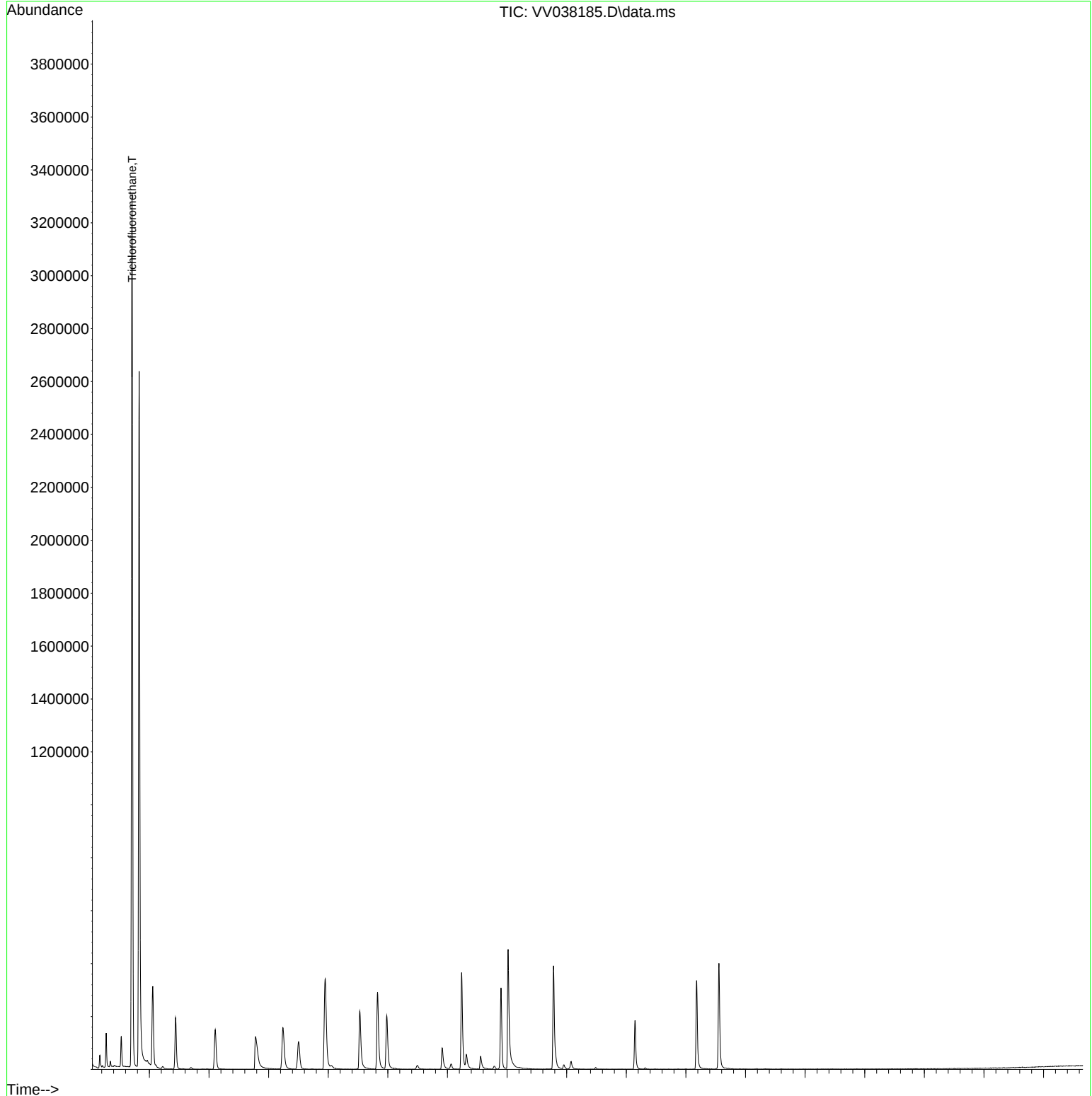
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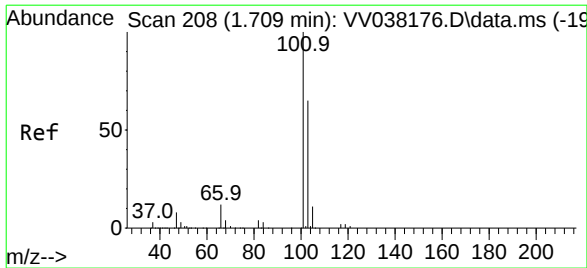
Instrument :
MSVOA_V
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 22:47:22 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 69.269 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV038185.D

Acq: 19 Nov 2024 18:32

Instrument :

MSVOA_V

ClientSampleId :

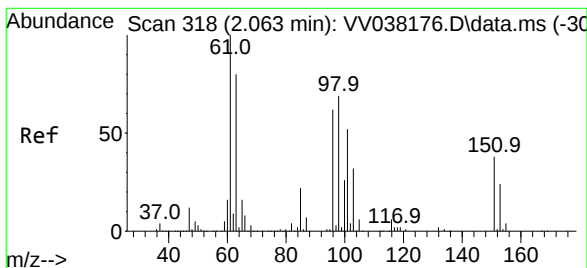
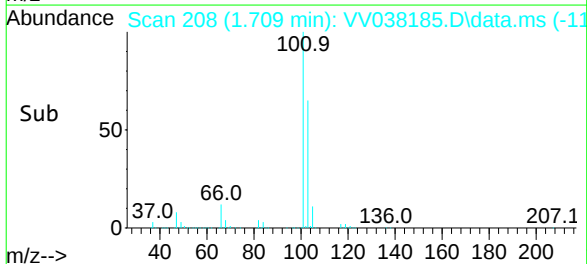
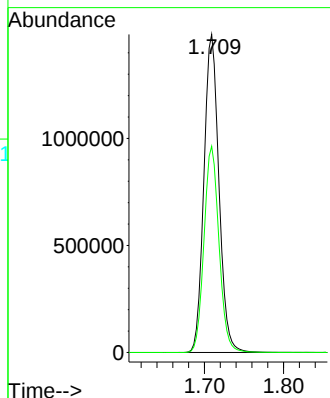
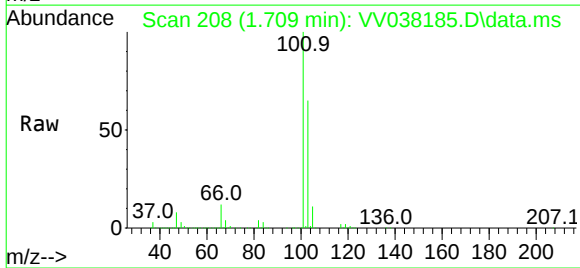
BG3H9

Tgt Ion:101 Resp: 1955419

Ion Ratio Lower Upper

101 100

103 64.7 51.5 77.3



#10

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

Concen: 1.591 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038185.D

Acq: 19 Nov 2024 18:32

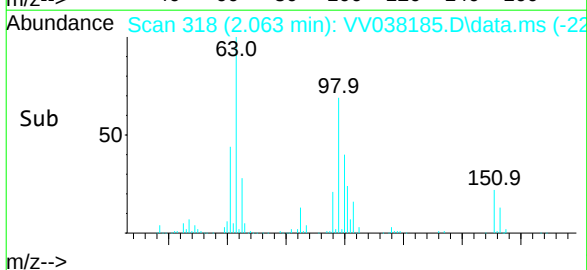
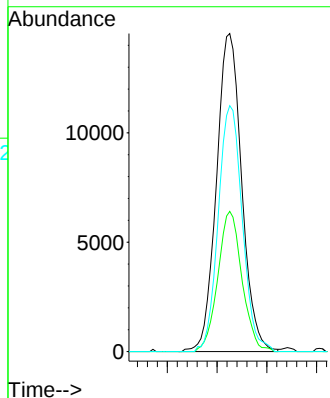
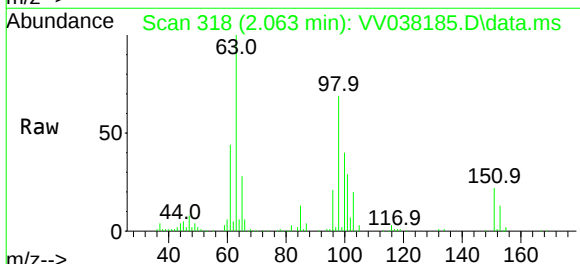
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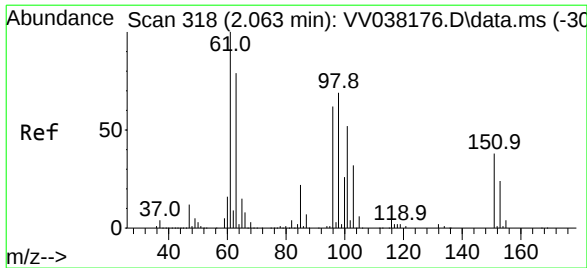
Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.0

151 73.6 58.8 88.2

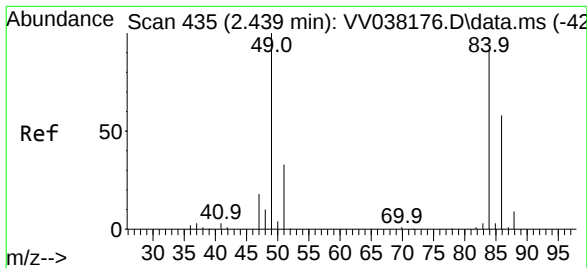
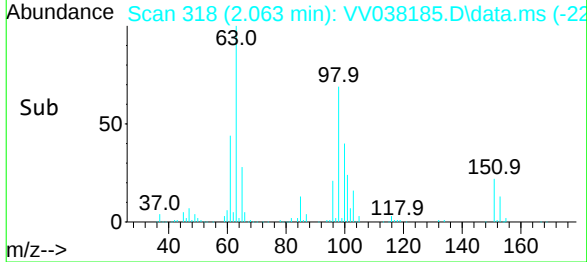
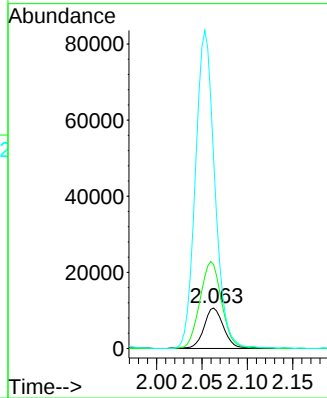
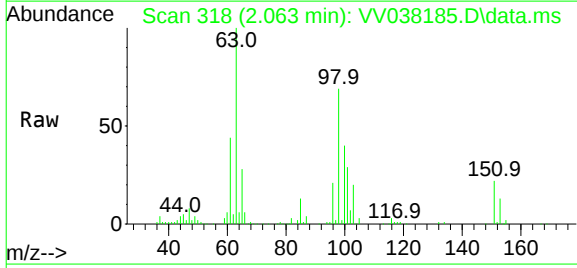




#12
1,1-Dichloroethene
Concen: 1.050 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

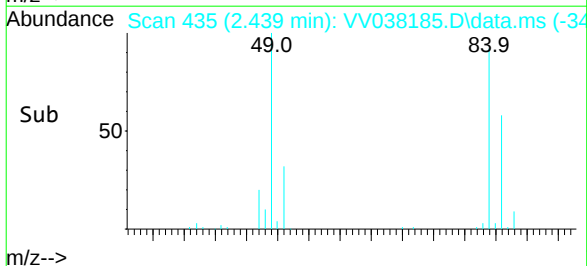
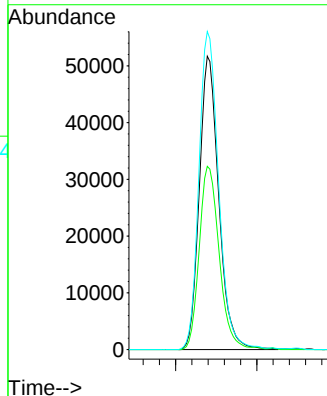
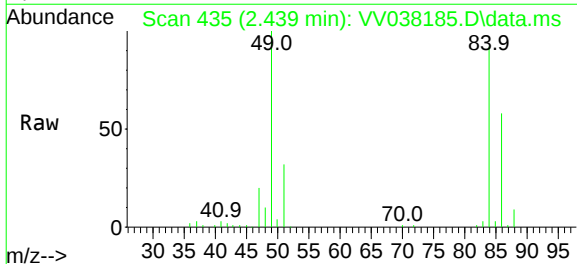
Instrument :
MSVOA_V
ClientSampleId :
BG3H9

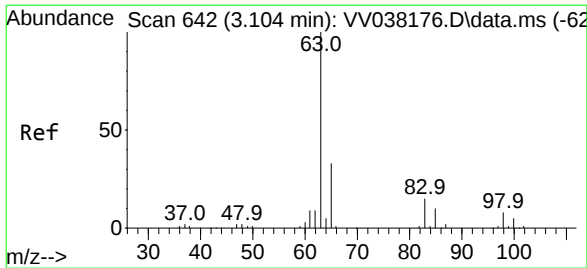
Tgt Ion: 96 Resp: 16114
Ion Ratio Lower Upper
96 100
61 207.4 115.7 214.9
63 470.4 101.1 187.7#



#16
Methylene chloride
Concen: 4.910 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

Tgt Ion: 84 Resp: 85928
Ion Ratio Lower Upper
84 100
86 62.5 44.2 82.2
49 108.4 74.9 139.1

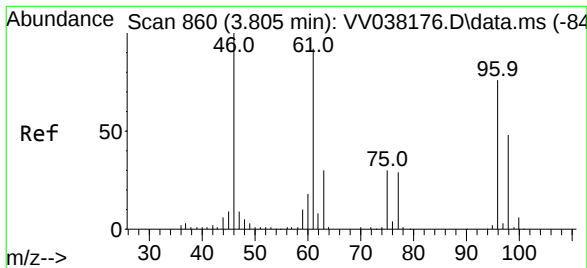
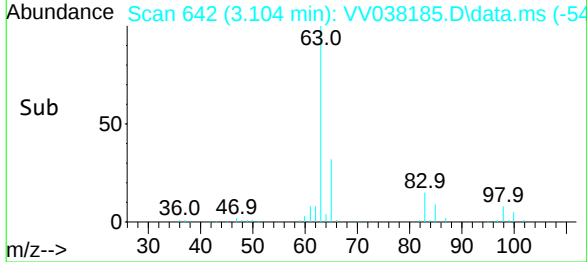
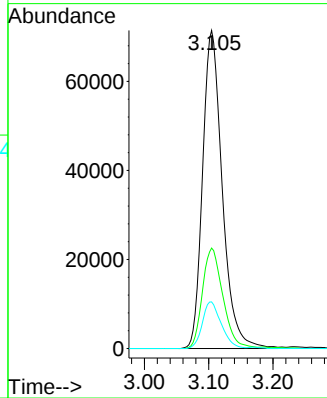
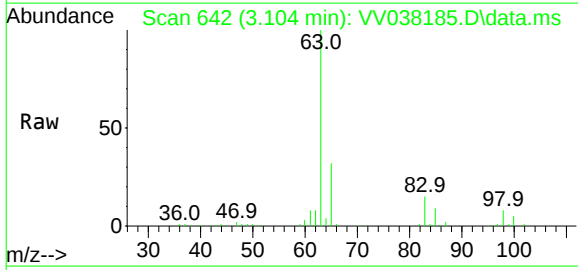




#19
1,1-Dichloroethane
Concen: 5.172 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

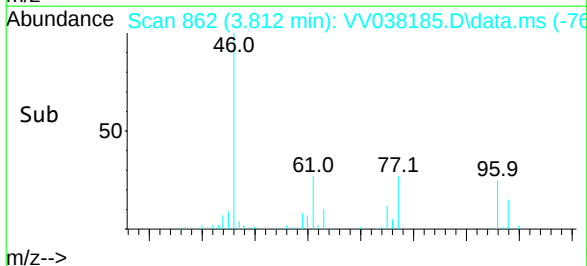
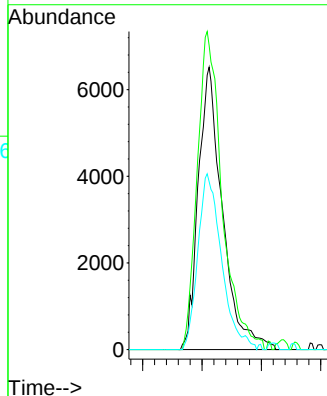
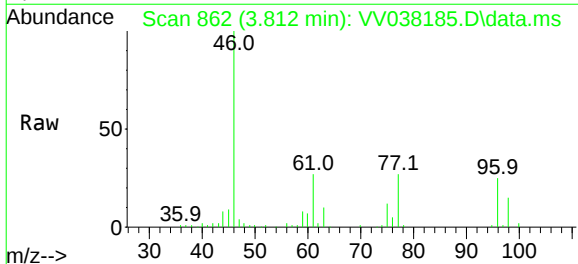
Instrument :
MSVOA_V
ClientSampleId :
BG3H9

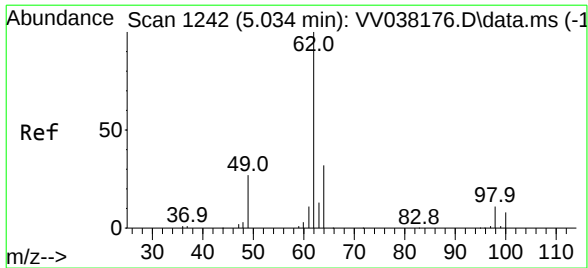
Tgt Ion:	63	Resp:	151791
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.5	41.7
83	14.6	10.1	18.9



#22
cis-1,2-Dichloroethene
Concen: 1.100 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

Tgt Ion:	96	Resp:	18395
Ion	Ratio	Lower	Upper
96	100		
61	107.7	82.7	153.5
98	59.5	46.3	85.9

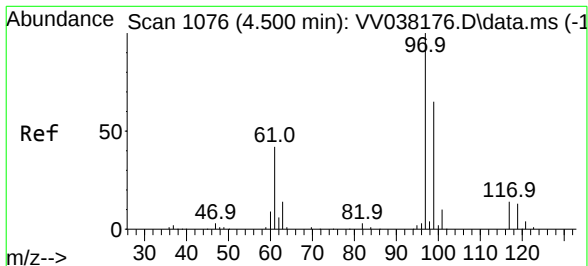
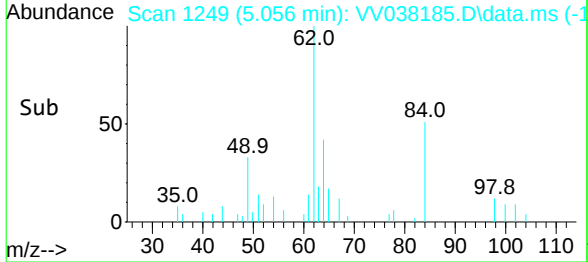
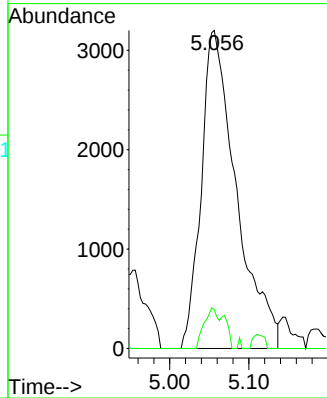
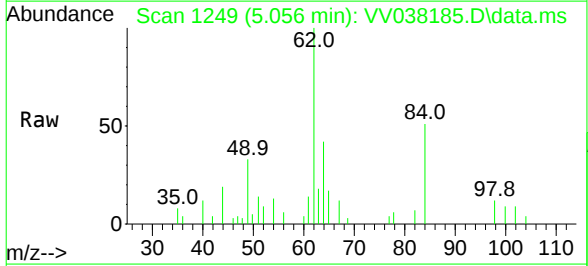




#27
1,2-Dichloroethane
Concen: 0.577 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.023 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

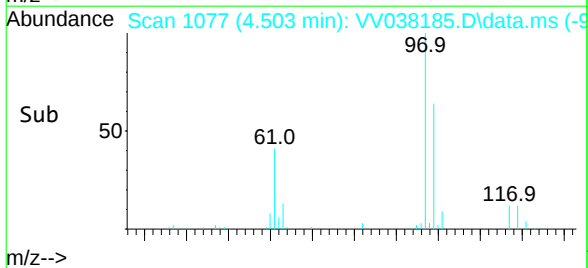
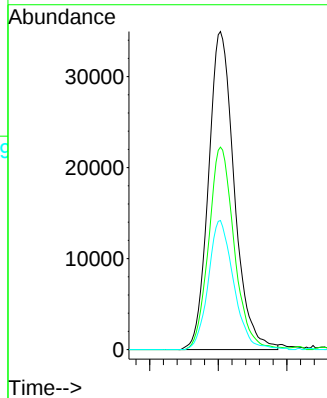
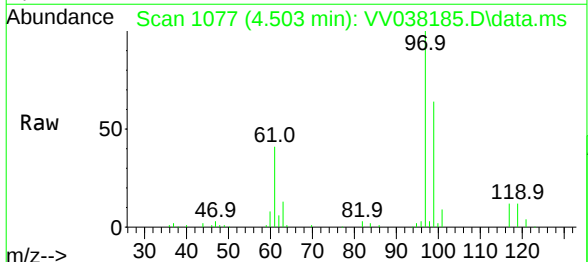
Instrument :
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ClientSampleId :
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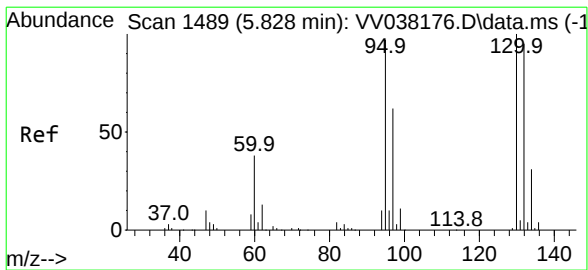
Tgt Ion: 62 Resp: 9856
Ion Ratio Lower Upper
62 100
98 12.3 8.2 12.4



#29
1,1,1-Trichloroethane
Concen: 3.299 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

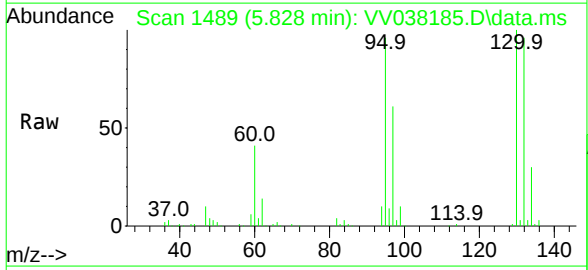
Tgt Ion: 97 Resp: 91266
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.8
61 40.1 32.2 48.2



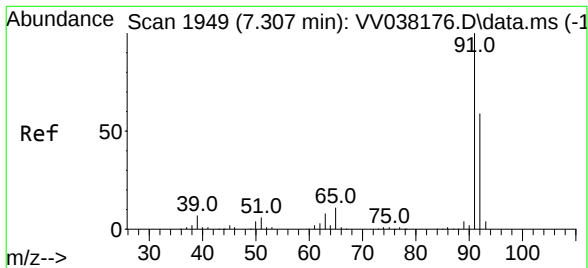
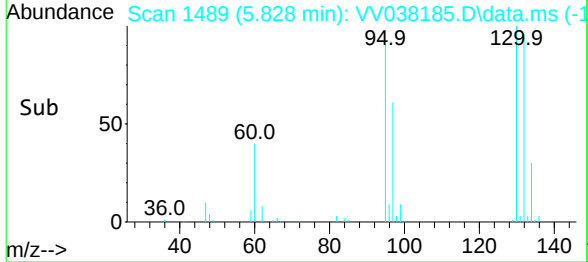
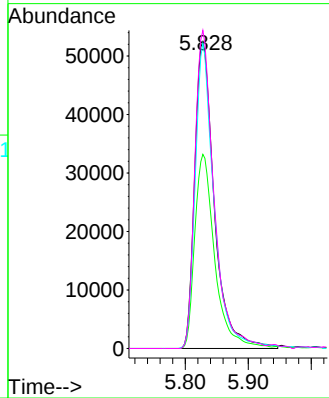


#34
Trichloroethene
Concen: 6.438 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

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ClientSampleId :
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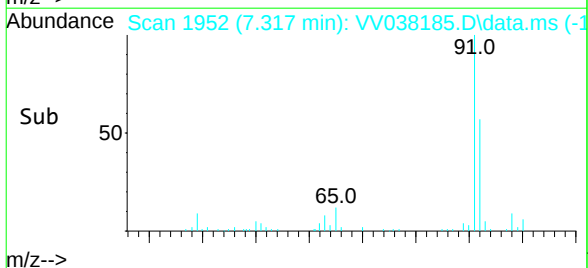
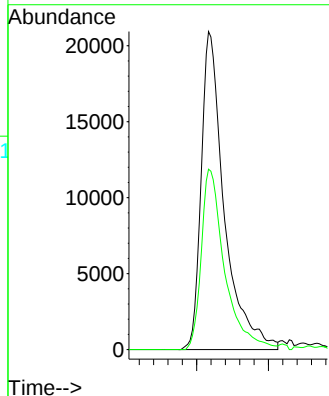
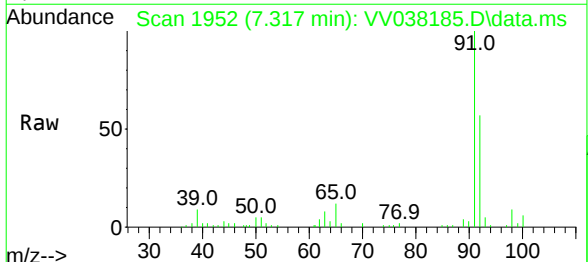


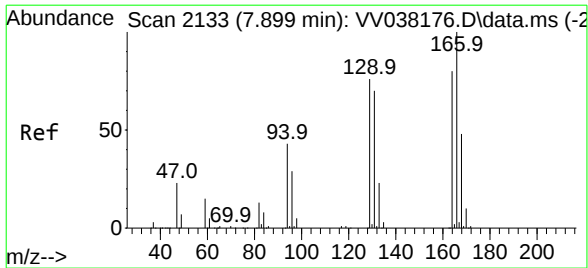
Tgt Ion: 95 Resp: 113720
Ion Ratio Lower Upper
95 100
97 63.3 44.8 83.2
132 99.4 68.3 126.8
130 103.7 70.2 130.4



#42
Toluene
Concen: 0.680 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

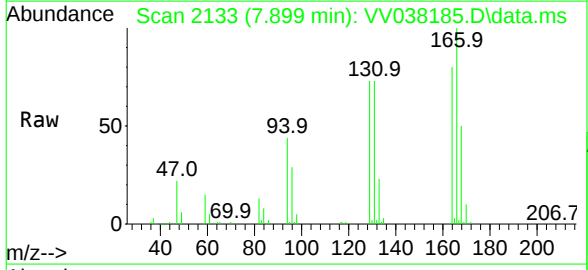
Tgt Ion: 91 Resp: 46676
Ion Ratio Lower Upper
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92 56.7 40.8 75.8



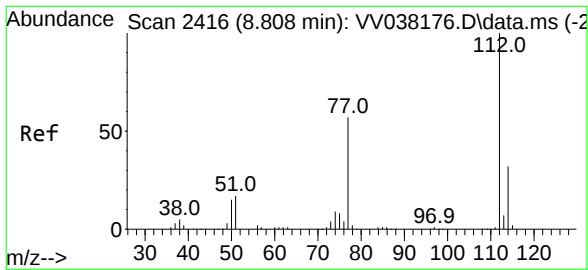
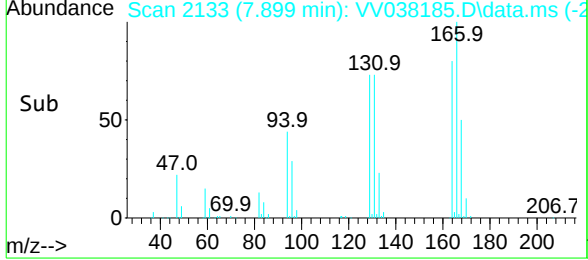
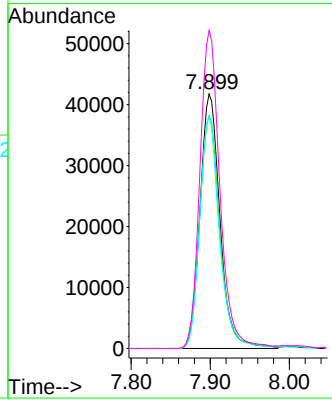


#47
 Tetrachloroethene
 Concen: 5.160 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: VV038185.D
 Acq: 19 Nov 2024 18:32

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 BG3H9

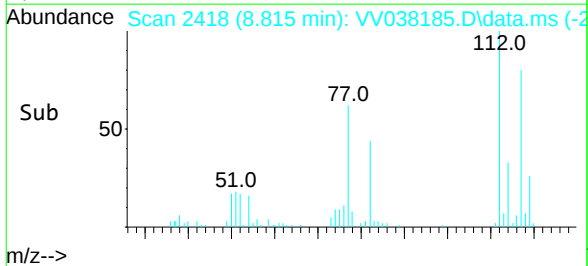
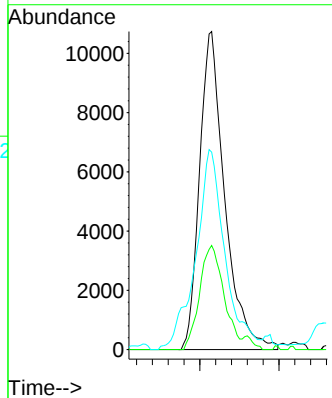
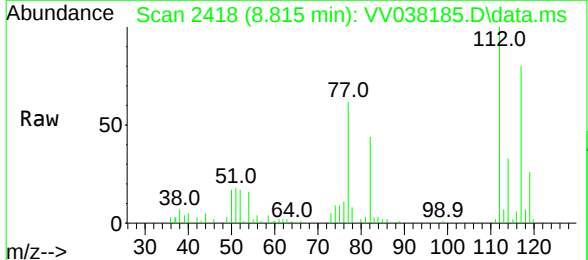


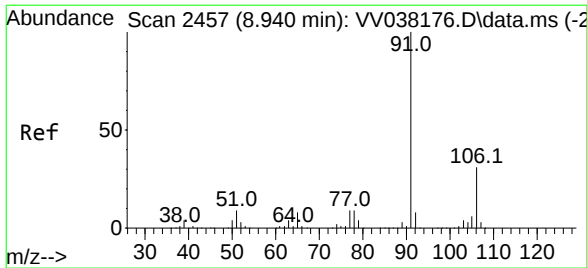
Tgt Ion:	164	Resp:	73248
Ion Ratio	Lower	Upper	
164	100		
129	91.5	68.5	127.1
131	91.3	64.8	120.4
166	124.9	88.3	163.9



#51
 Chlorobenzene
 Concen: 0.502 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.006 min
 Lab File: VV038185.D
 Acq: 19 Nov 2024 18:32

Tgt Ion:	112	Resp:	23745
Ion Ratio	Lower	Upper	
112	100		
114	32.7	22.0	40.8
77	62.1	45.0	67.4

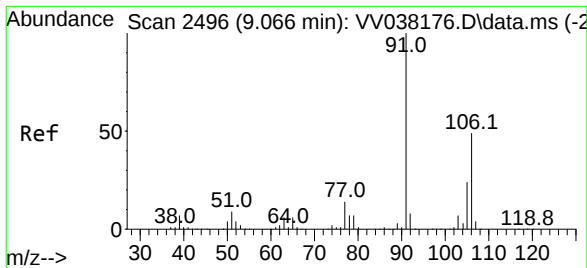
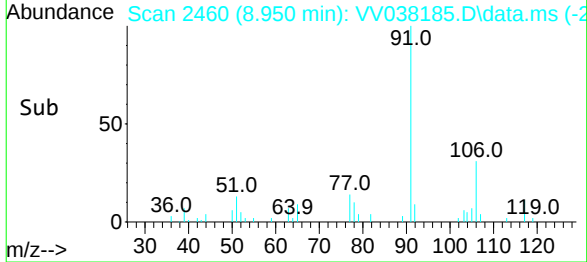
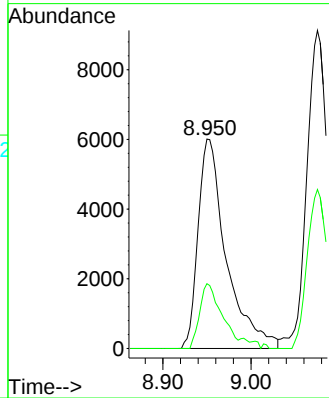
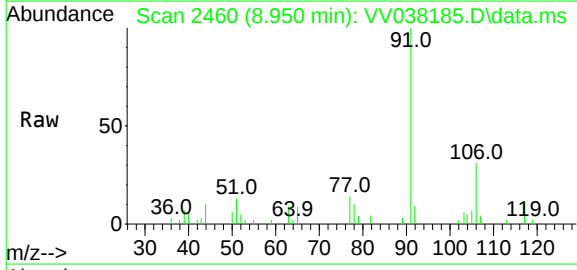




#52
Ethylbenzene
Concen: 0.183 ug/L
RT: 8.950 min Scan# 2457
Delta R.T. 0.010 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

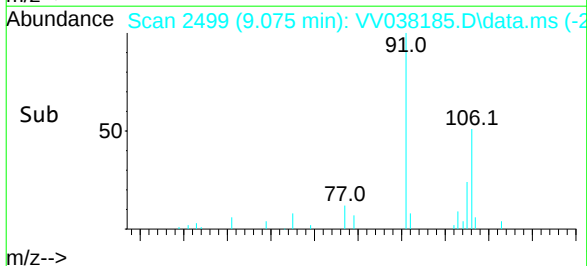
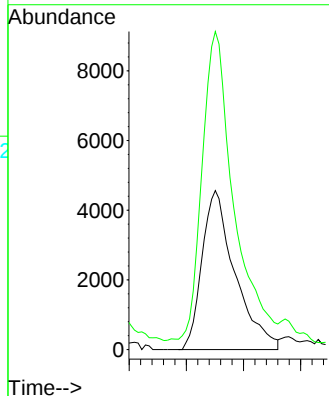
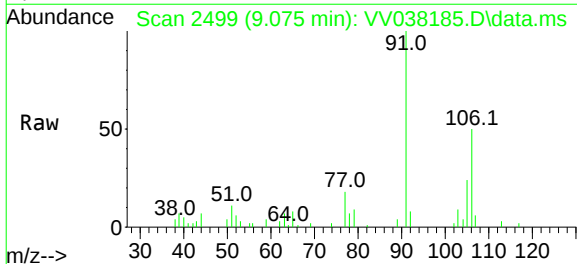
Instrument :
MSVOA_V
ClientSampleId :
BG3H9

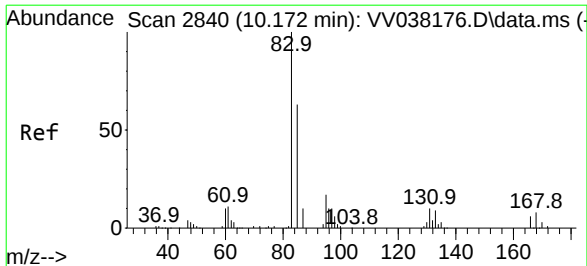
Tgt Ion: 91 Resp: 13347
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 0.334 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV038185.D
Acq: 19 Nov 2024 18:32

Tgt Ion: 106 Resp: 9167
Ion Ratio Lower Upper
106 100
91 200.1 138.7 257.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/L

RT: 10.169 min Scan# 28

Delta R.T. -0.003 min

Lab File: VV038185.D

Acq: 19 Nov 2024 18:32

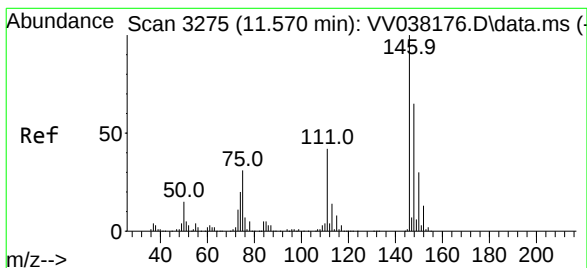
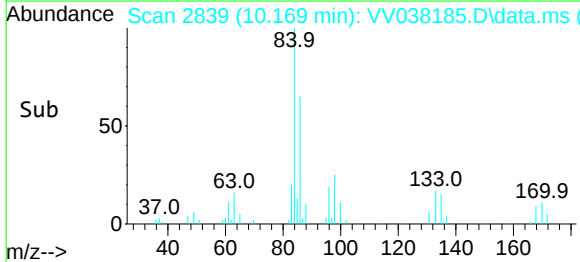
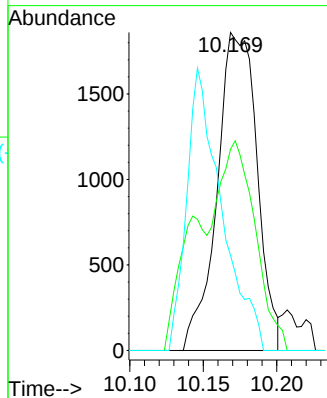
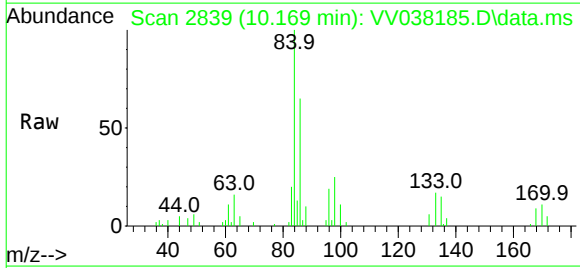
Instrument :

MSVOA_V

ClientSampleId :

BG3H9

Tgt Ion:	83	Resp:	3526
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.7	84.9
131	29.9	8.2	12.4



#67

1,2-Dichlorobenzene

Concen: 0.316 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038185.D

Acq: 19 Nov 2024 18:32

Tgt Ion:	146	Resp:	8877
Ion	Ratio	Lower	Upper
146	100		
111	50.9	34.2	51.2
148	65.4	51.0	76.4

