

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029337.D
 Acq On : 24 Nov 2022 09:19
 Operator : SY/MD
 Sample : N5725-08DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB64DL

Quant Time: Nov 25 00:24:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	244505	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	217882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	119510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84545	5.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.400%
7) Chloroethane-d5	1.565	69	66122	6.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.000%
11) 1,1-Dichloroethene-d2	2.105	63	102265	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.896	46	158003	62.771	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.540%
24) Chloroform-d	4.339	84	148144	5.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.024	65	68915	5.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
32) Benzene-d6	5.044	84	330681	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
36) 1,2-Dichloropropane-d6	6.063	67	96485	5.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.000%
41) Toluene-d8	7.307	98	306719	5.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.616	79	32251	4.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.085	63	134118	57.675	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.340%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	59962	5.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	116454	5.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	105186	6.315	ug/L	100
16) Methylene chloride	2.503	84	11871	0.618	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	9890	0.308	ug/L	96
19) 1,1-Dichloroethane	3.182	63	93158	3.587	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	120852	7.322	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	26783	1.069	ug/L	99
31) Carbon tetrachloride	4.600	117	3429	0.162	ug/L	97
33) Benzene	5.098	78	21645	0.332	ug/L	100
34) Trichloroethene	5.912	95	4768	0.287	ug/L	96
42) Toluene	7.384	91	42797	0.612	ug/L	98
52) Ethylbenzene	9.005	91	66973	0.918	ug/L	95
53) m,p-Xylene	9.130	106	96474	3.354	ug/L	94
54) o-Xylene	9.535	106	62664	2.218	ug/L	95
60) Isopropylbenzene	9.924	105	21627	0.280	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	70269	1.050	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	93051	1.383	ug/L	100

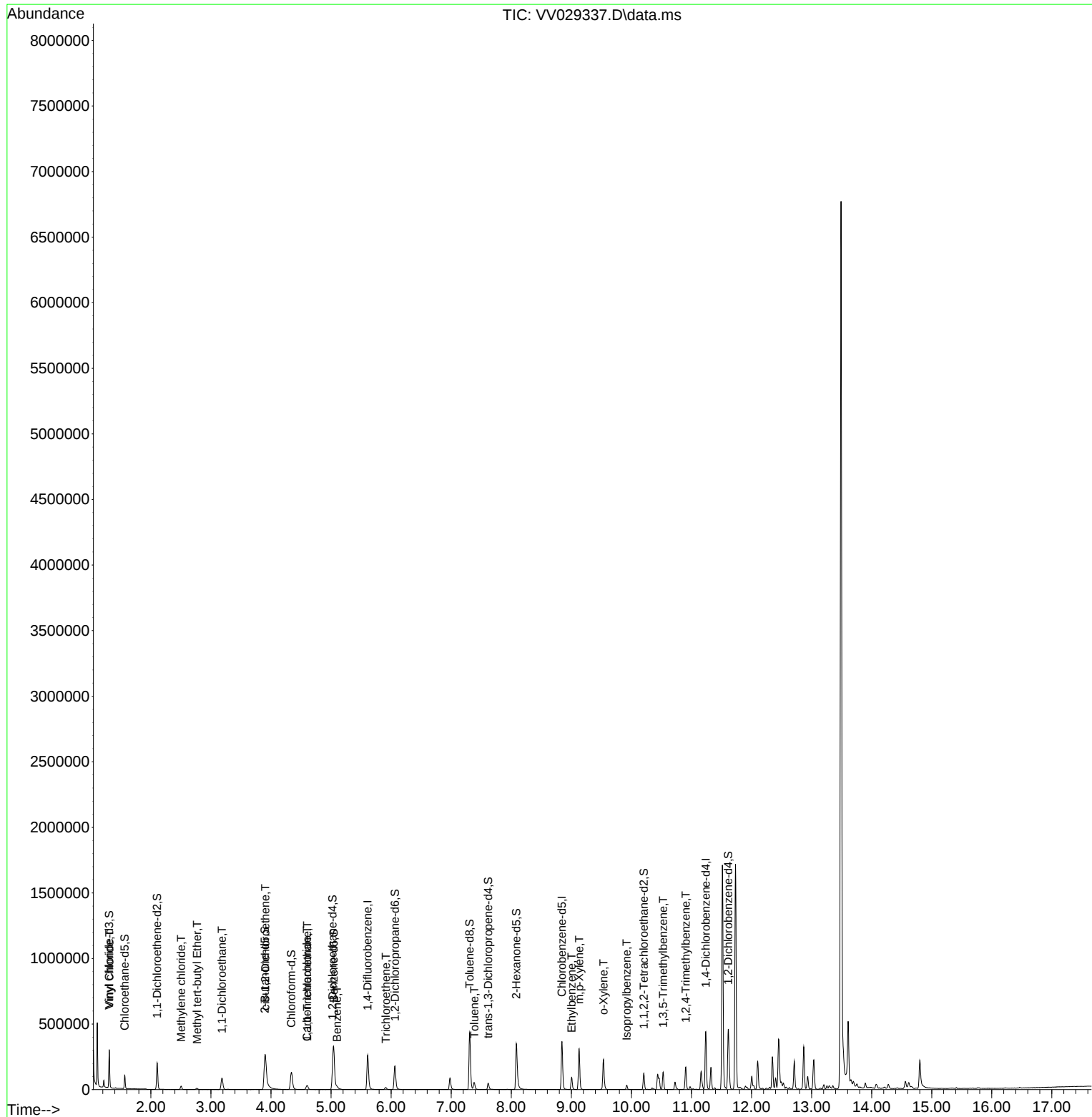
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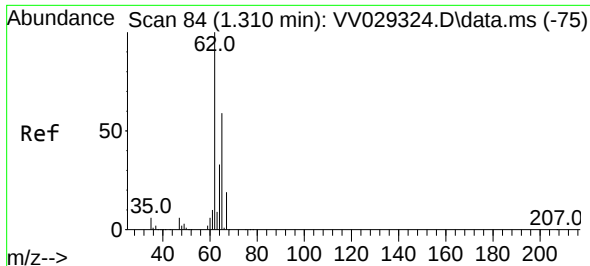
Instrument :
MSVOA_V
ClientSampleId :
BHB64DL

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Quant Time: Nov 25 00:24:33 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration

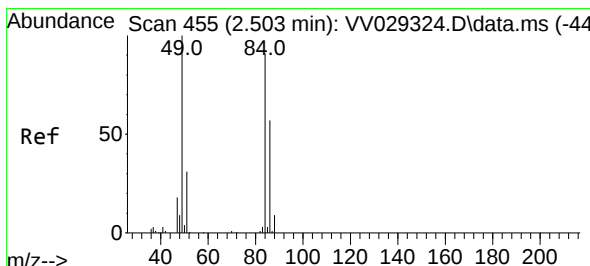
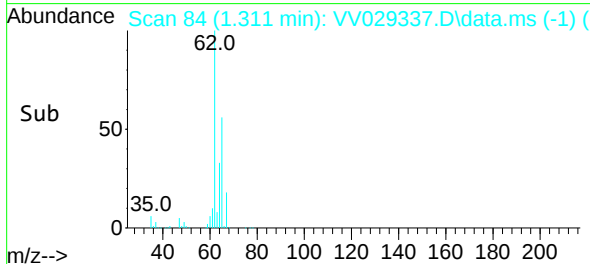
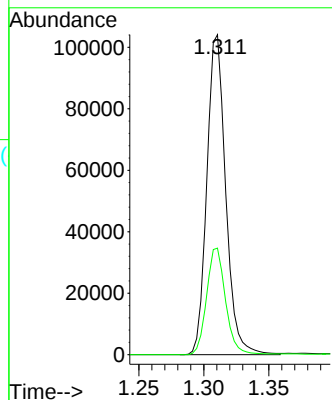
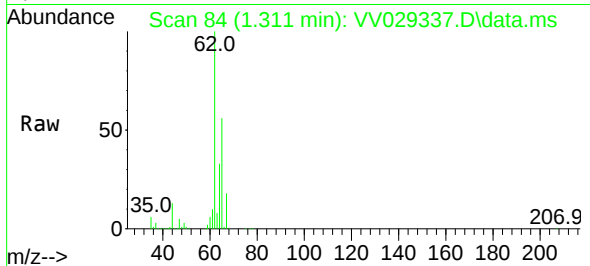




#5
 Vinyl chloride
 Concen: 6.315 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029337.D
 Acq: 24 Nov 2022 09:19

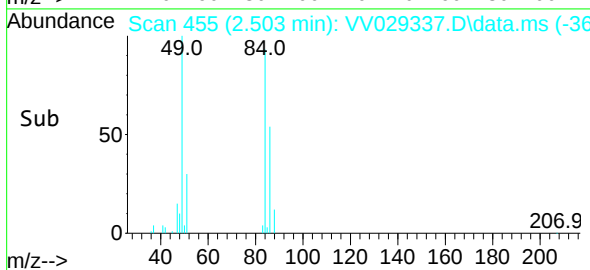
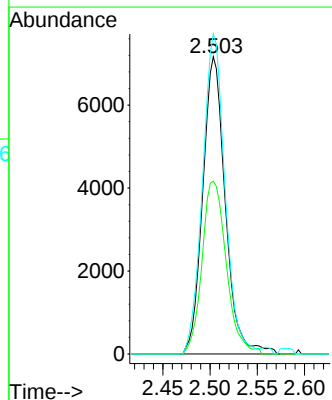
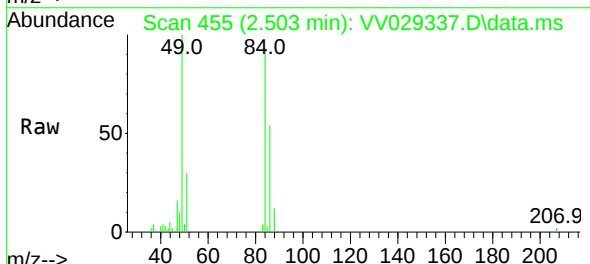
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB64DL

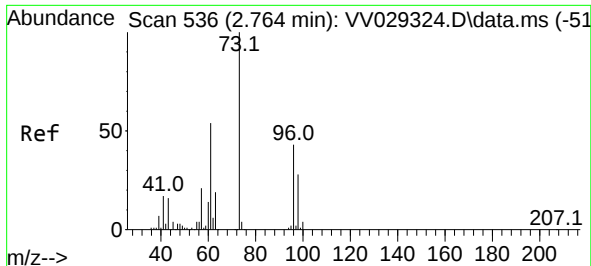
Tgt Ion: 62 Resp: 105186
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#16
 Methylene chloride
 Concen: 0.618 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VV029337.D
 Acq: 24 Nov 2022 09:19

Tgt Ion: 84 Resp: 11871
 Ion Ratio Lower Upper
 84 100
 86 58.1 45.6 84.6
 49 107.6 77.8 144.4

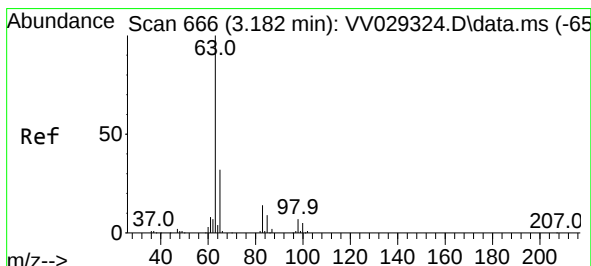
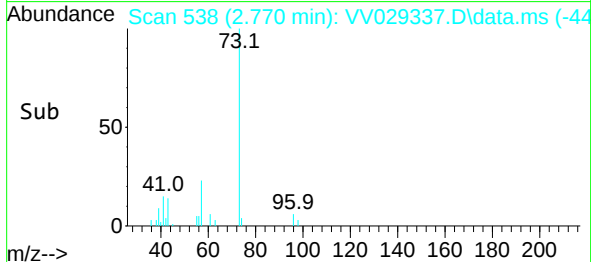
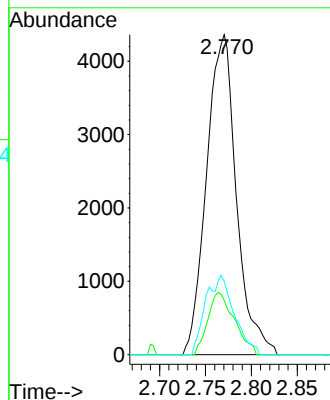
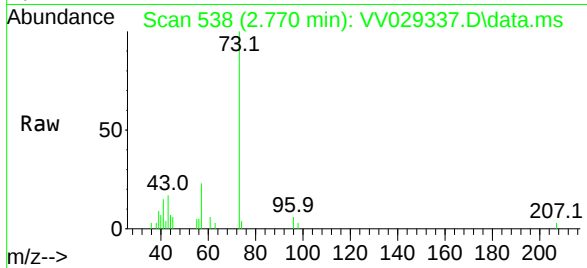




#17
Methyl tert-butyl Ether
Concen: 0.308 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

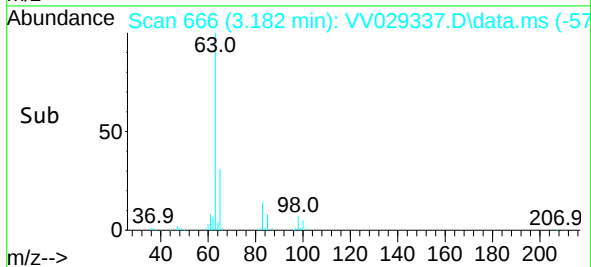
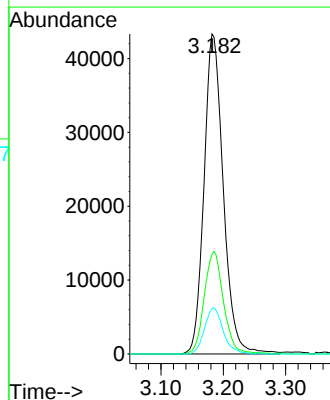
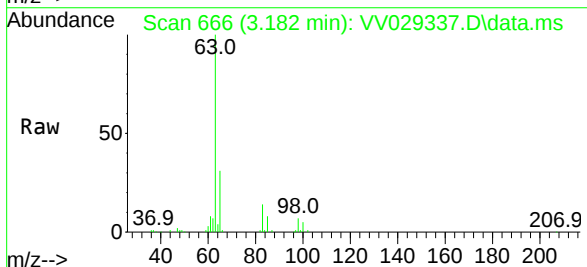
Instrument :
MSVOA_V
ClientSampleId :
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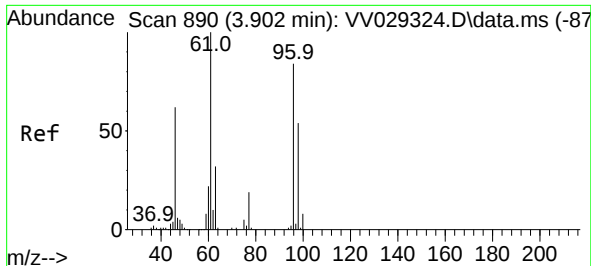
Tgt Ion: 73 Resp: 9890
Ion Ratio Lower Upper
73 100
43 17.3 13.2 19.8
57 23.7 16.9 25.3



#19
1,1-Dichloroethane
Concen: 3.587 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

Tgt Ion: 63 Resp: 93158
Ion Ratio Lower Upper
63 100
65 31.2 21.6 40.2
83 14.2 10.3 19.1

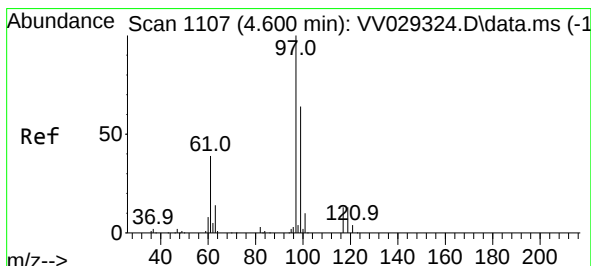
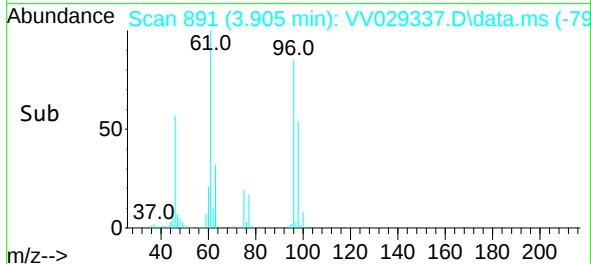
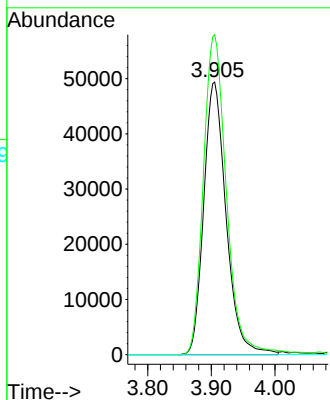
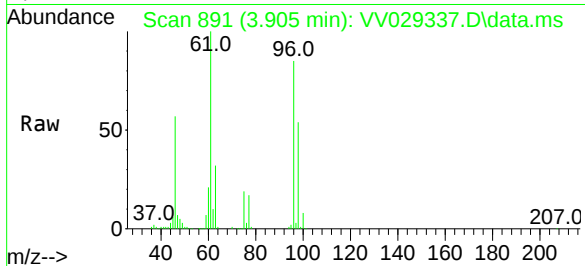




#22
 cis-1,2-Dichloroethene
 Concen: 7.322 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029337.D
 Acq: 24 Nov 2022 09:19

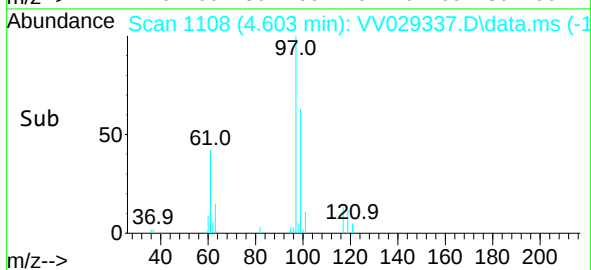
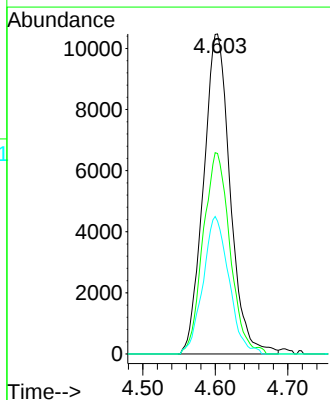
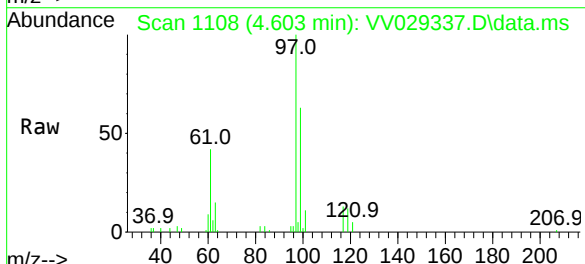
Instrument :
 MSVOA_V
 ClientSampleId :
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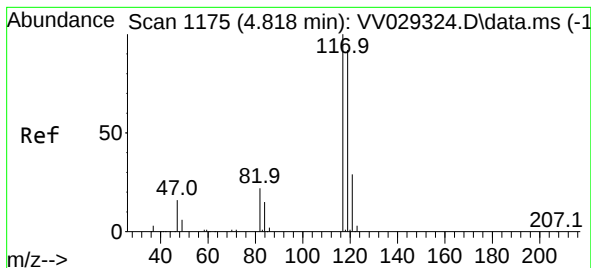
Tgt Ion: 96 Resp: 120852
 Ion Ratio Lower Upper
 96 100
 61 117.4 85.8 159.3
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 1.069 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV029337.D
 Acq: 24 Nov 2022 09:19

Tgt Ion: 97 Resp: 26783
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.2 76.8
 61 41.7 33.3 49.9





#31

Carbon tetrachloride

Concen: 0.162 ug/L

RT: 4.600 min Scan# 1175

Delta R.T. -0.219 min

Lab File: VV029337.D

Acq: 24 Nov 2022 09:19

Instrument :

MSVOA_V

ClientSampleId :

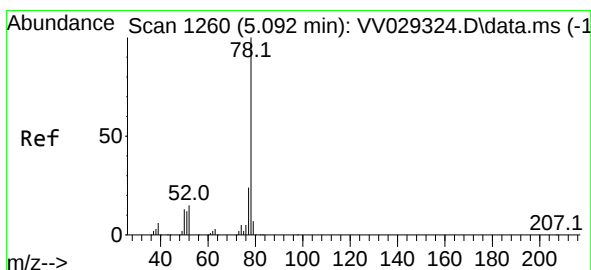
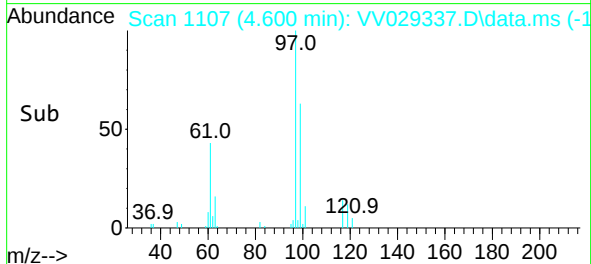
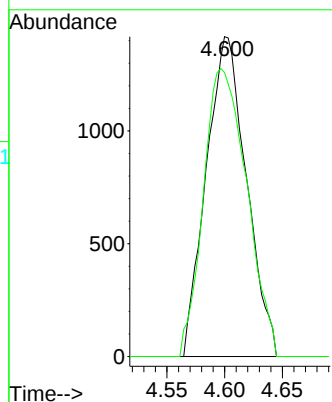
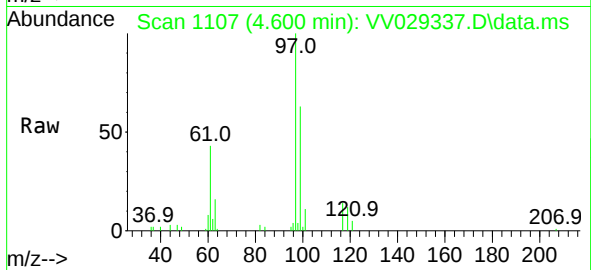
BHB64DL

Tgt Ion:117 Resp: 3429

Ion Ratio Lower Upper

117 100

119 97.2 75.7 113.5



#33

Benzene

Concen: 0.332 ug/L

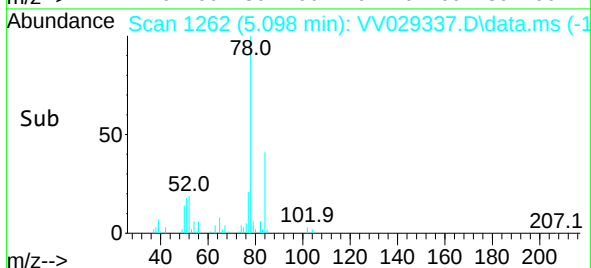
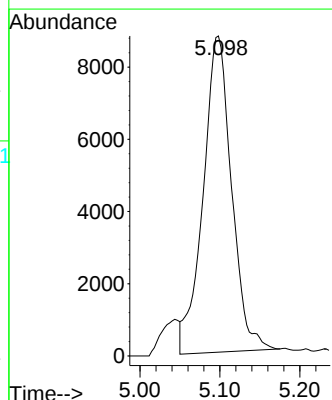
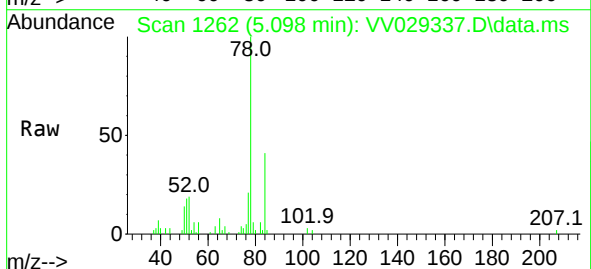
RT: 5.098 min Scan# 1262

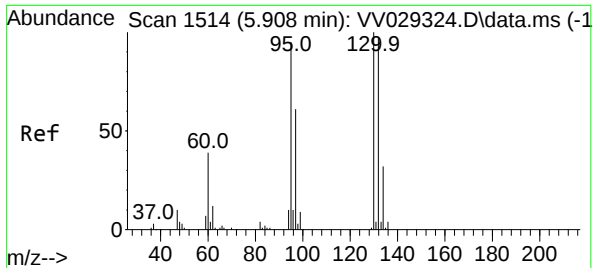
Delta R.T. 0.006 min

Lab File: VV029337.D

Acq: 24 Nov 2022 09:19

Tgt Ion: 78 Resp: 21645



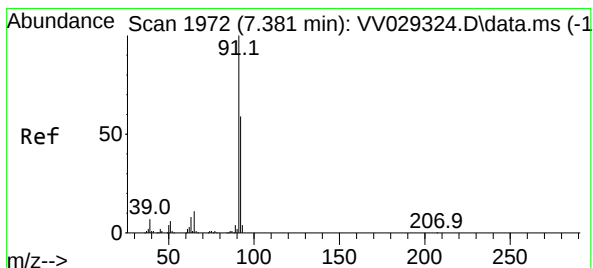
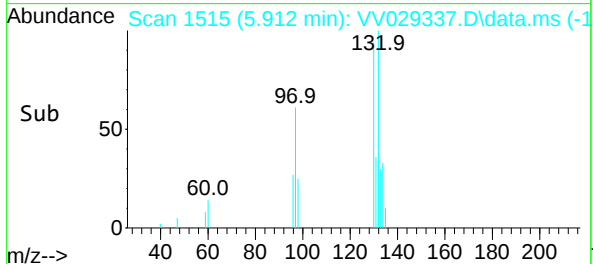
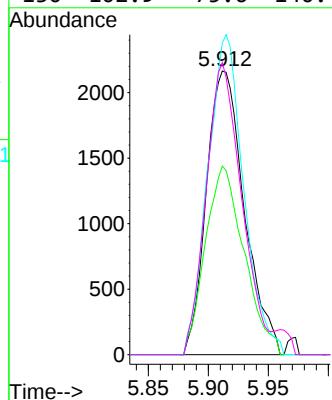
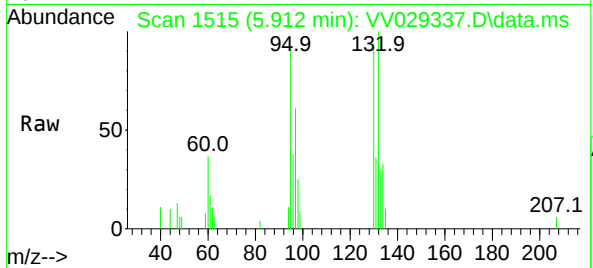


#34
 Trichloroethene
 Concen: 0.287 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV029337.D
 Acq: 24 Nov 2022 09:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB64DL

Tgt Ion: 95 Resp: 4768

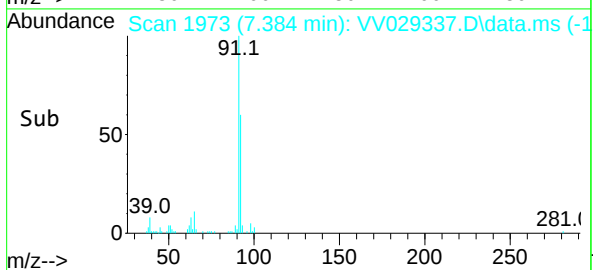
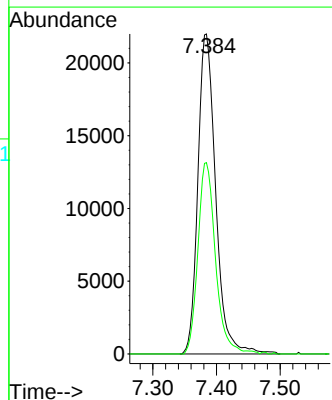
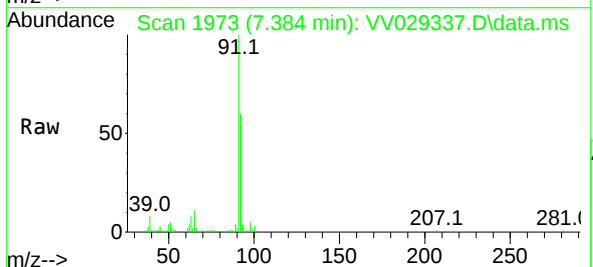
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.4	84.4
132	109.9	73.3	136.1
130	102.9	75.6	140.4

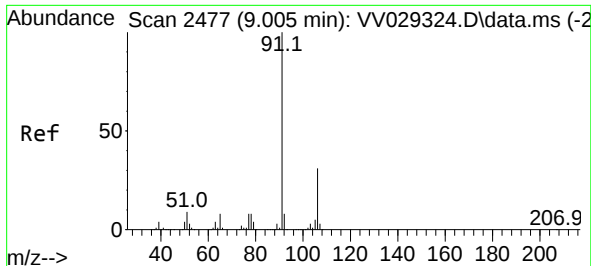


#42
 Toluene
 Concen: 0.612 ug/L
 RT: 7.384 min Scan# 1973
 Delta R.T. 0.003 min
 Lab File: VV029337.D
 Acq: 24 Nov 2022 09:19

Tgt Ion: 91 Resp: 42797

Ion	Ratio	Lower	Upper
91	100		
92	59.8	40.8	75.8

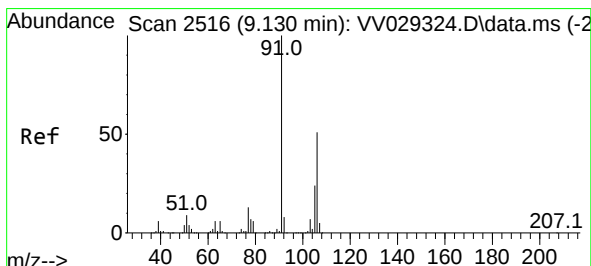
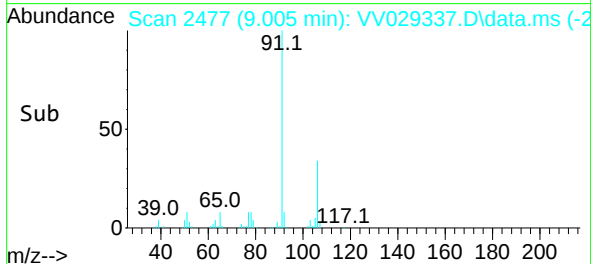
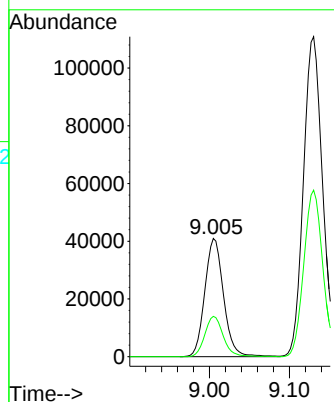
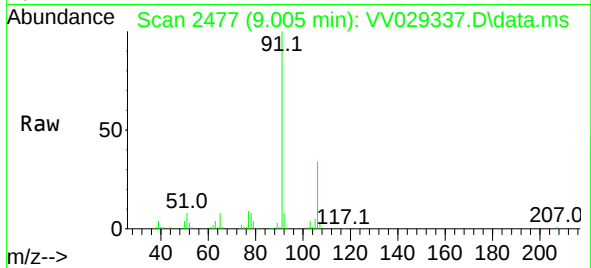




#52
Ethylbenzene
Concen: 0.918 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

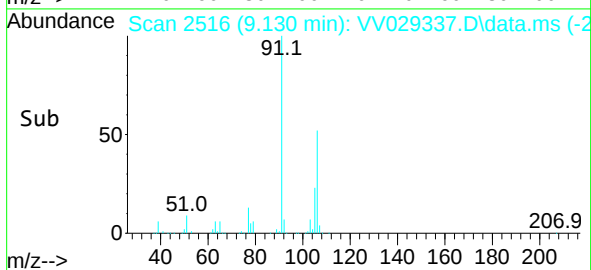
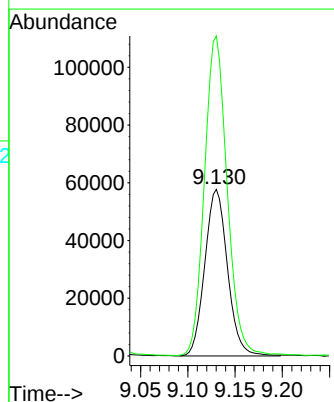
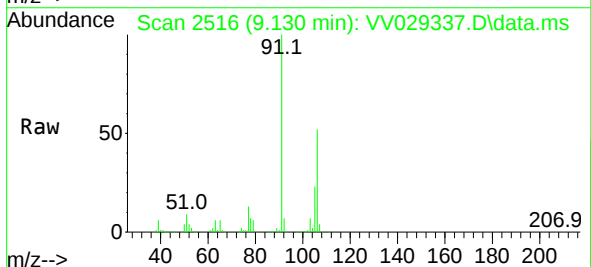
Instrument :
MSVOA_V
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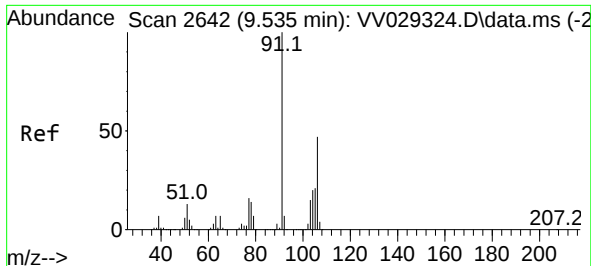
Tgt Ion: 91 Resp: 66973
Ion Ratio Lower Upper
91 100
106 34.1 21.9 40.7



#53
m,p-Xylene
Concen: 3.354 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

Tgt Ion: 106 Resp: 96474
Ion Ratio Lower Upper
106 100
91 192.0 140.6 261.2

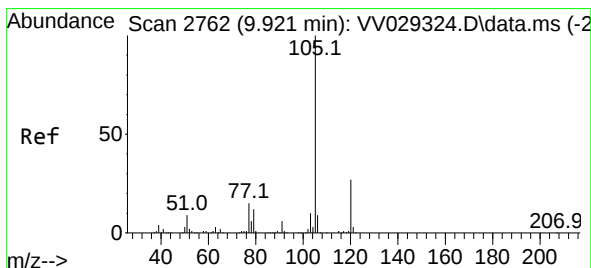
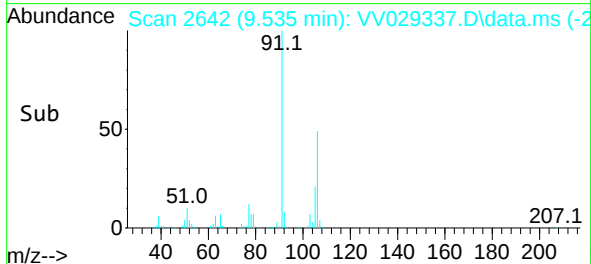
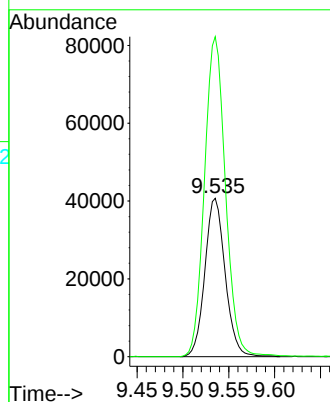
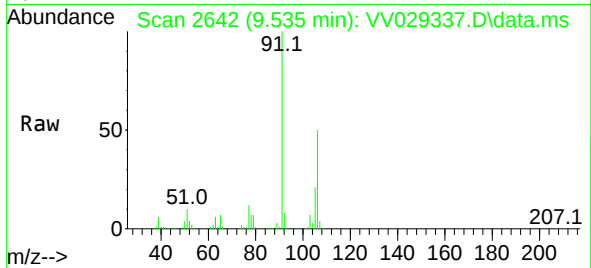




#54
o-Xylene
Concen: 2.218 ug/L
RT: 9.535 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

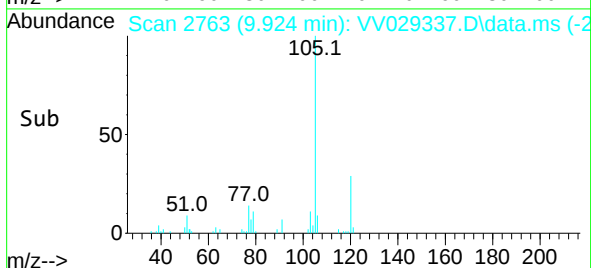
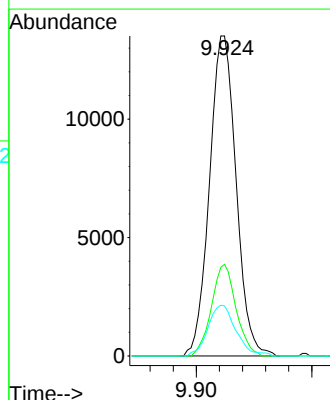
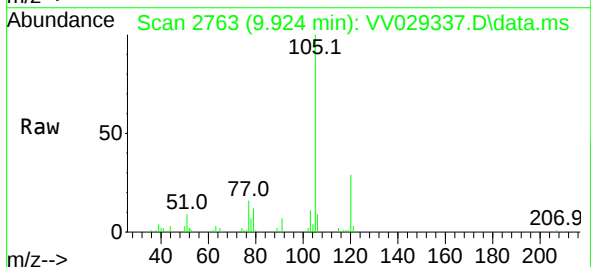
Instrument :
MSVOA_V
ClientSampleId :
BHB64DL

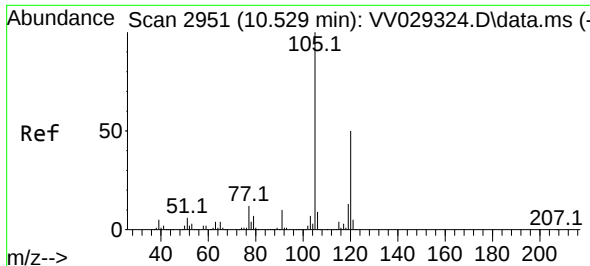
Tgt Ion:106 Resp: 62664
Ion Ratio Lower Upper
106 100
91 202.0 146.9 272.9



#60
Isopropylbenzene
Concen: 0.280 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

Tgt Ion:105 Resp: 21627
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 16.7 11.8 17.8

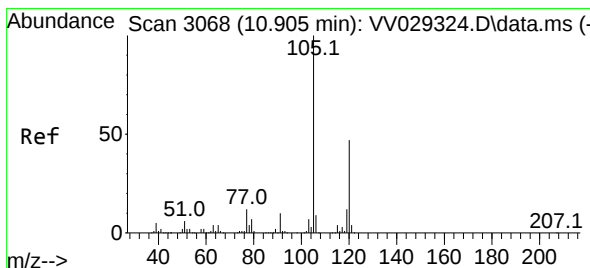
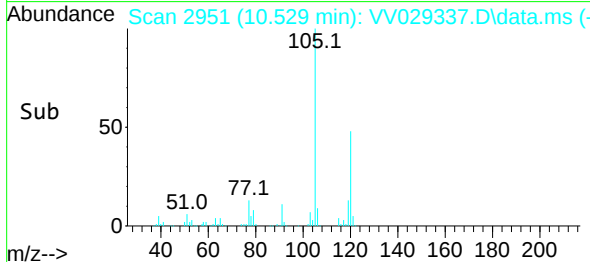
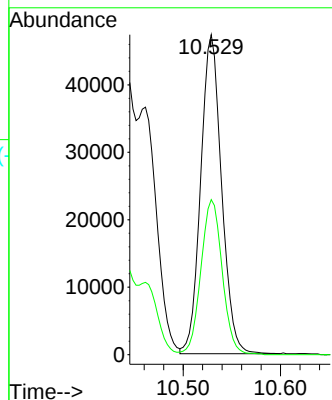
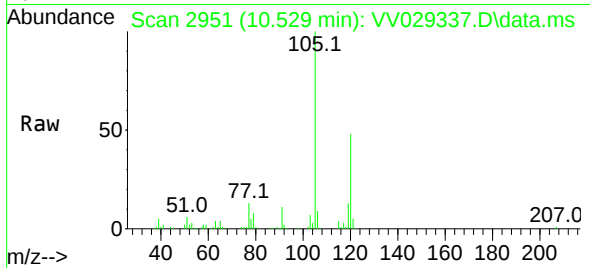




#62
1,3,5-Trimethylbenzene
Concen: 1.050 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

Instrument :
MSVOA_V
ClientSampleId :
BHB64DL

Tgt Ion:105 Resp: 70269
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 1.383 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029337.D
Acq: 24 Nov 2022 09:19

Tgt Ion:105 Resp: 93051
Ion Ratio Lower Upper
105 100
120 46.7 37.2 55.8

