

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029319.D
 Acq On : 24 Nov 2022 01:33
 Operator : SY/MD
 Sample : N5725-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB67

Quant Time: Nov 24 03:42:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	281047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	247090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	132093	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85206	4.926	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.564	69	62639	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.104	63	106295	3.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.879	46	132162	45.678	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.360%
24) Chloroform-d	4.339	84	146565	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.024	65	69255	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.043	84	328527	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.063	67	93355	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.307	98	304346	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.616	79	33941	4.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.082	63	110137	41.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.520%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	57148	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	116081	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%

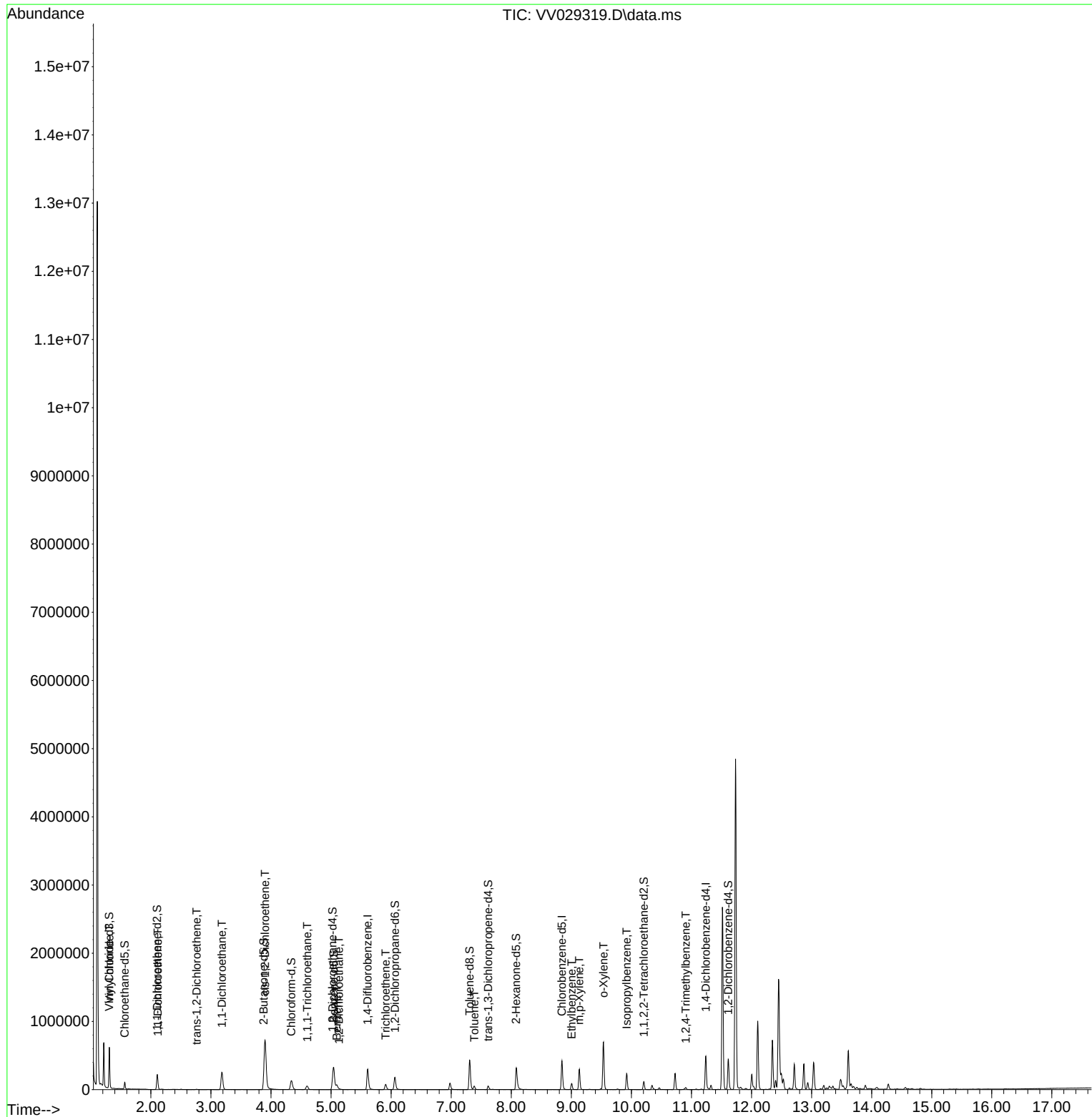
Target Compounds				Qvalue		
5) Vinyl chloride	1.310	62	295577	15.439	ug/L	97
12) 1,1-Dichloroethene	2.117	96	15779	1.092	ug/L #	9
18) trans-1,2-Dichloroethene	2.760	96	1516	0.091	ug/L	95
19) 1,1-Dichloroethane	3.182	63	258874	8.672	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	417556	22.010	ug/L	97
27) 1,2-Dichloroethane	5.133	62	6677	0.395	ug/L #	88
29) 1,1,1-Trichloroethane	4.603	97	44544	1.567	ug/L	98
33) Benzene	5.095	78	70755	0.957	ug/L	100
34) Trichloroethene	5.908	95	27122	1.439	ug/L	97
42) Toluene	7.384	91	39269	0.495	ug/L	95
52) Ethylbenzene	9.005	91	65244	0.789	ug/L	99
53) m,p-Xylene	9.133	106	85675	2.627	ug/L	97
54) o-Xylene	9.535	106	194504	6.071	ug/L	100
60) Isopropylbenzene	9.921	105	156008	1.827	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	15969	0.215	ug/L	100

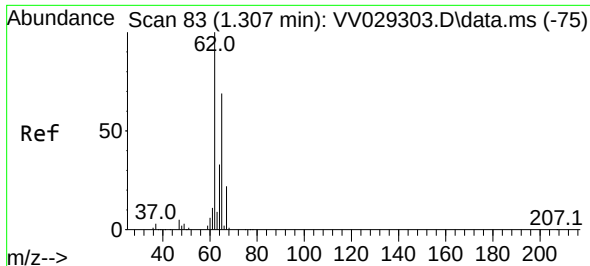
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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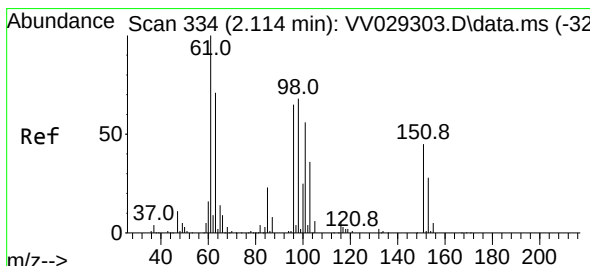
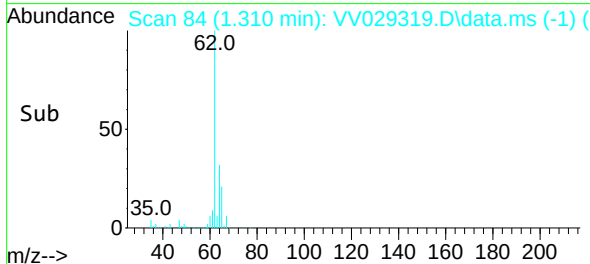
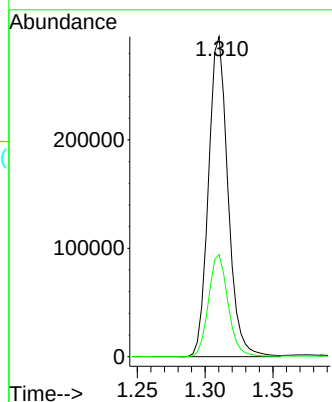
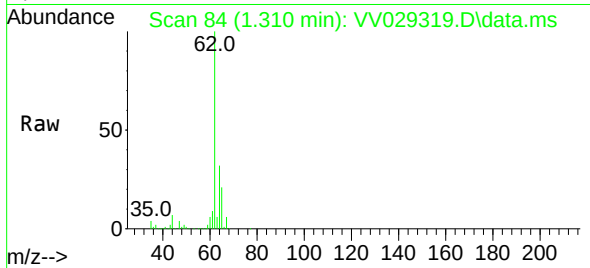




#5
 Vinyl chloride
 Concen: 15.439 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029319.D
 Acq: 24 Nov 2022 01:33

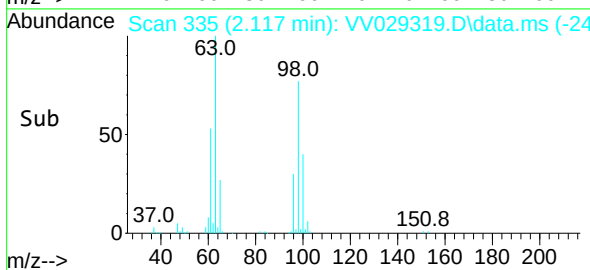
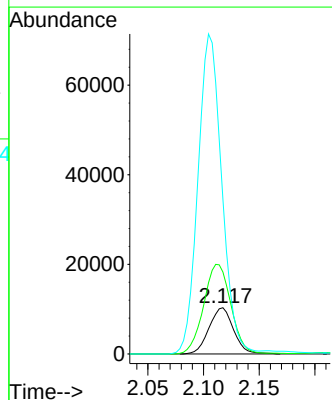
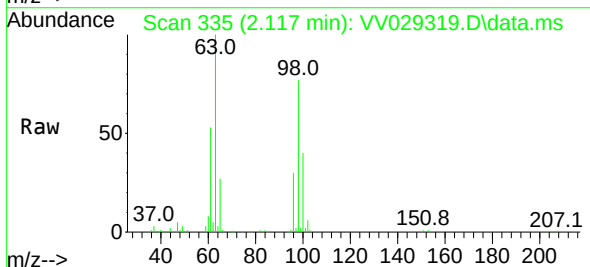
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB67

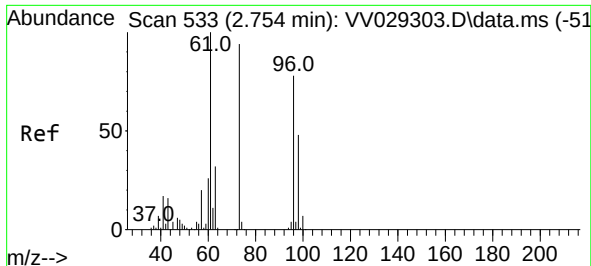
Tgt Ion: 62 Resp: 295577
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 1.092 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV029319.D
 Acq: 24 Nov 2022 01:33

Tgt Ion: 96 Resp: 15779
 Ion Ratio Lower Upper
 96 100
 61 176.9 110.3 204.9
 63 334.0 84.4 156.8#

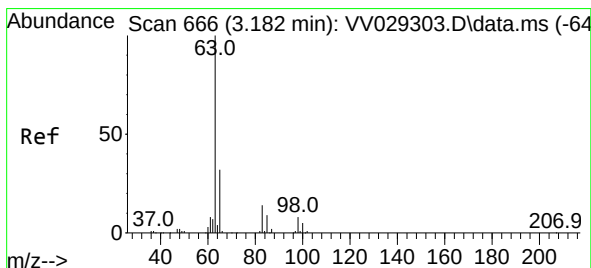
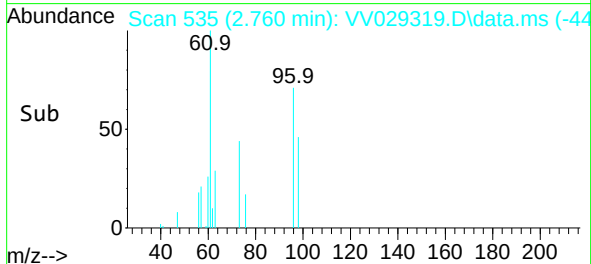
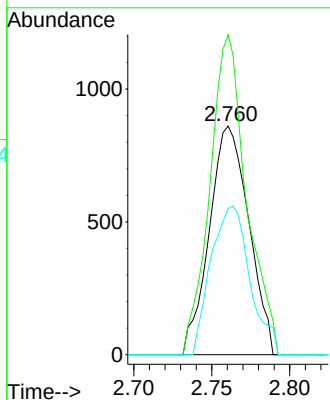
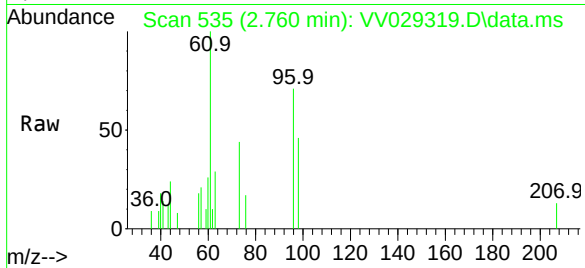




#18
trans-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029319.D
Acq: 24 Nov 2022 01:33

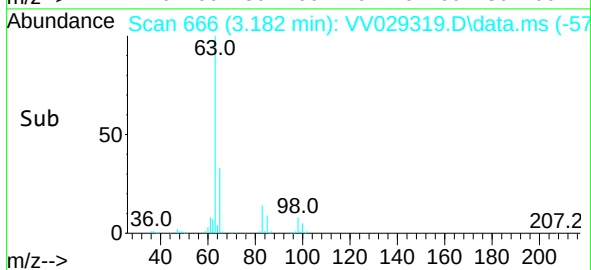
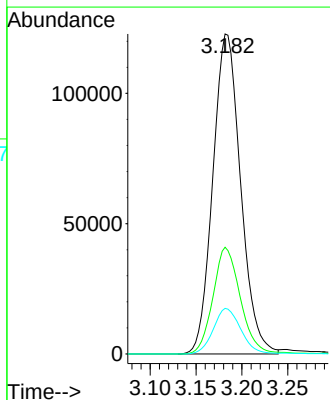
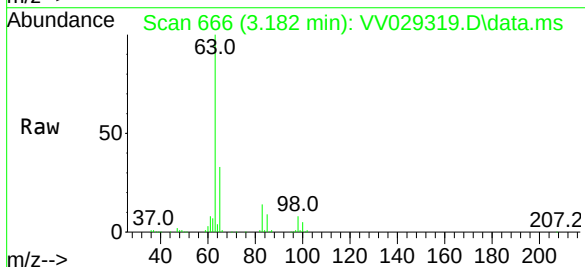
Instrument :
MSVOA_V
ClientSampleId :
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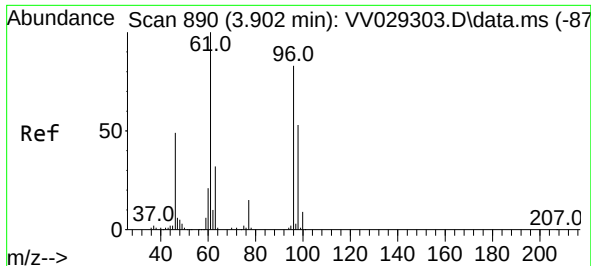
Tgt Ion: 96 Resp: 1516
Ion Ratio Lower Upper
96 100
61 140.0 93.0 172.6
98 64.0 44.0 81.8



#19
1,1-Dichloroethane
Concen: 8.672 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV029319.D
Acq: 24 Nov 2022 01:33

Tgt Ion: 63 Resp: 258874
Ion Ratio Lower Upper
63 100
65 33.3 21.6 40.2
83 14.2 10.3 19.1

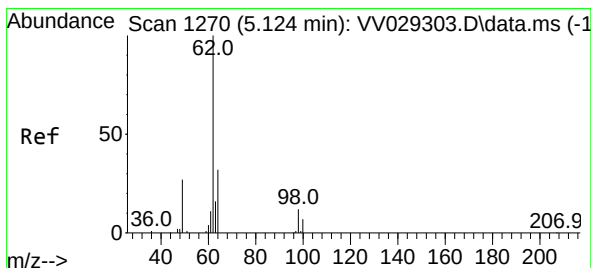
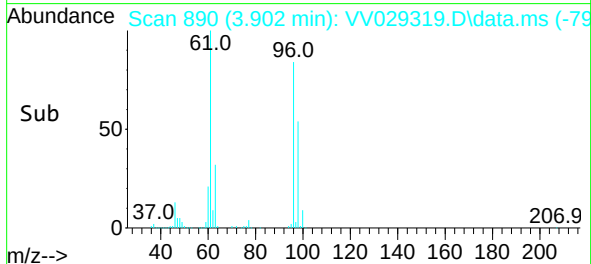
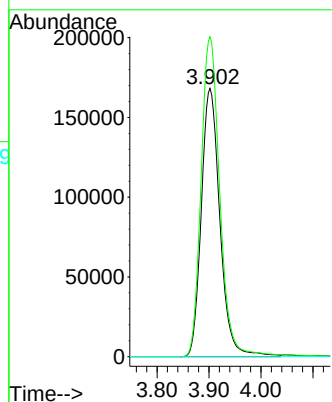
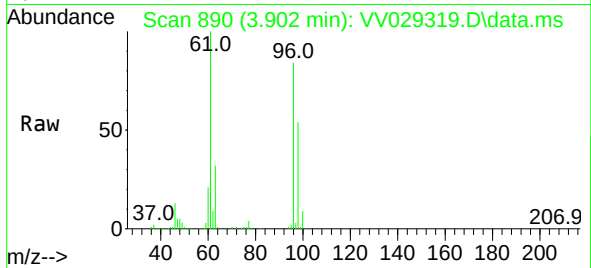




#22
 cis-1,2-Dichloroethene
 Concen: 22.010 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029319.D
 Acq: 24 Nov 2022 01:33

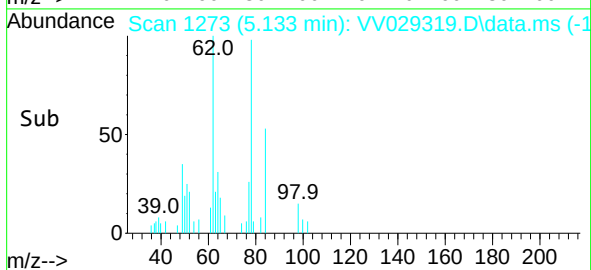
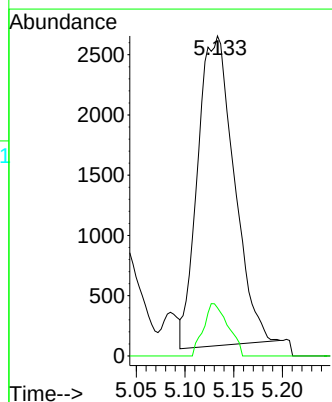
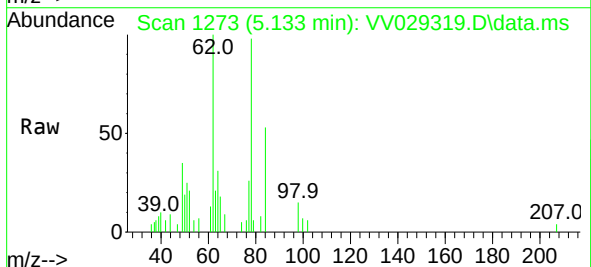
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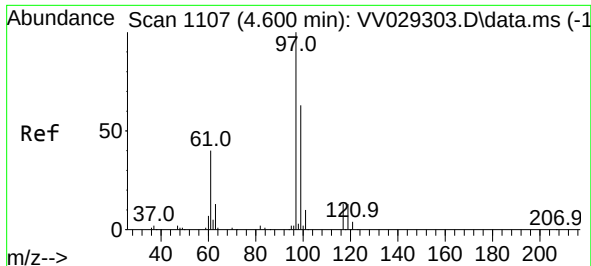
Tgt Ion: 96 Resp: 417556
 Ion Ratio Lower Upper
 96 100
 61 119.3 85.8 159.3
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.395 ug/L
 RT: 5.133 min Scan# 1273
 Delta R.T. 0.010 min
 Lab File: VV029319.D
 Acq: 24 Nov 2022 01:33

Tgt Ion: 62 Resp: 6677
 Ion Ratio Lower Upper
 62 100
 98 15.0 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 1.567 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029319.D

Acq: 24 Nov 2022 01:33

Instrument :

MSVOA_V

ClientSampleId :

BHB67

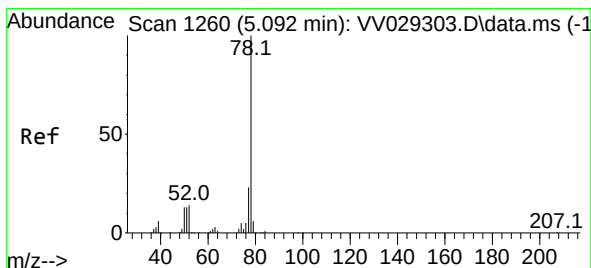
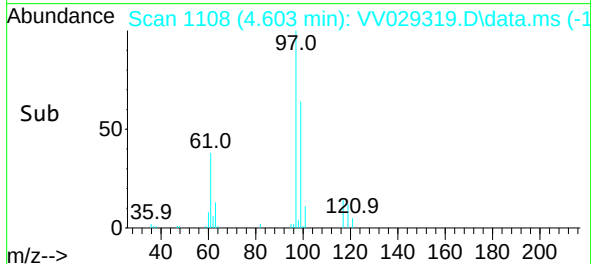
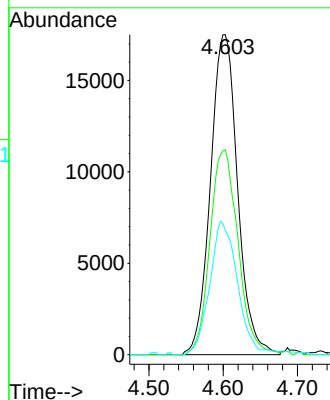
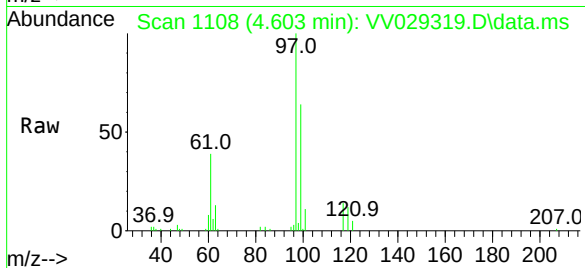
Tgt Ion: 97 Resp: 44544

Ion Ratio Lower Upper

97 100

99 66.0 51.2 76.8

61 41.9 33.3 49.9



#33

Benzene

Concen: 0.957 ug/L

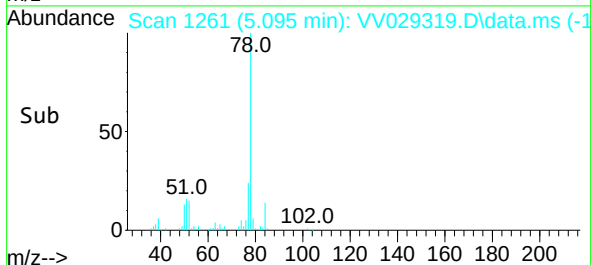
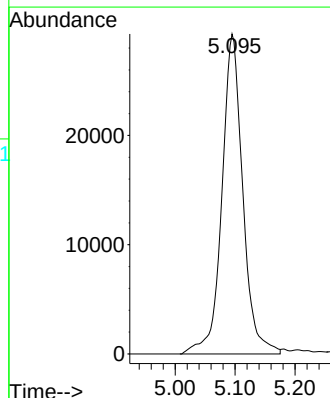
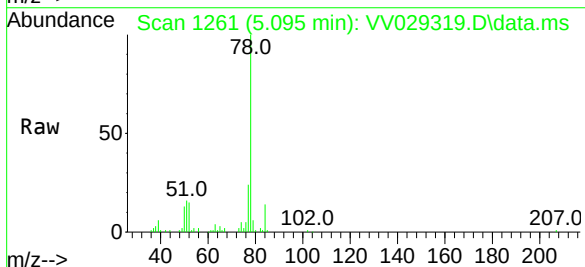
RT: 5.095 min Scan# 1261

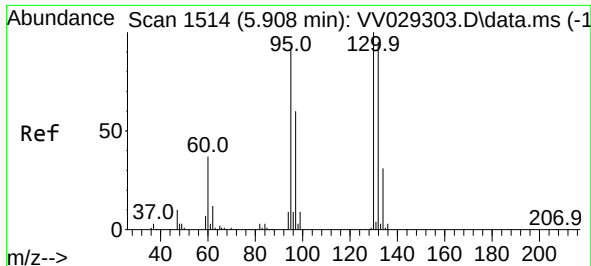
Delta R.T. 0.003 min

Lab File: VV029319.D

Acq: 24 Nov 2022 01:33

Tgt Ion: 78 Resp: 70755



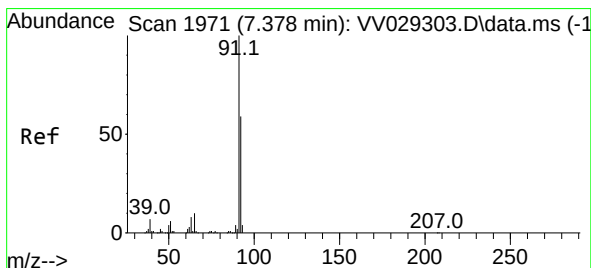
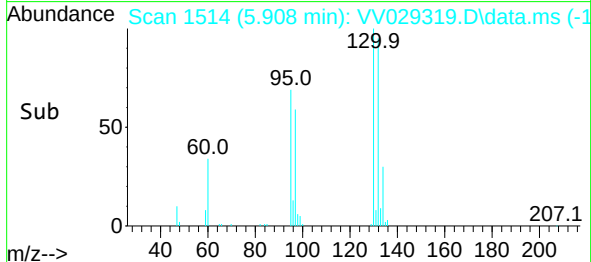
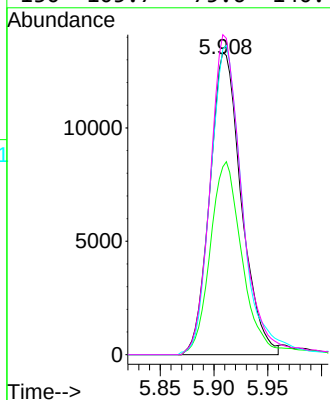
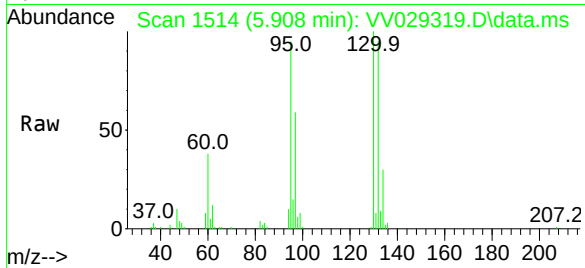


#34
 Trichloroethene
 Concen: 1.439 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV029319.D
 Acq: 24 Nov 2022 01:33

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 ClientSampleId :
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Tgt Ion: 95 Resp: 27122

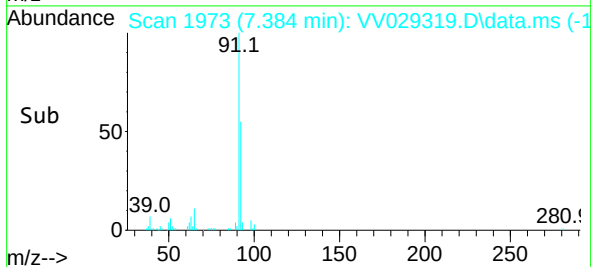
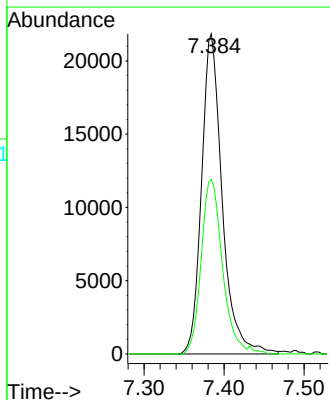
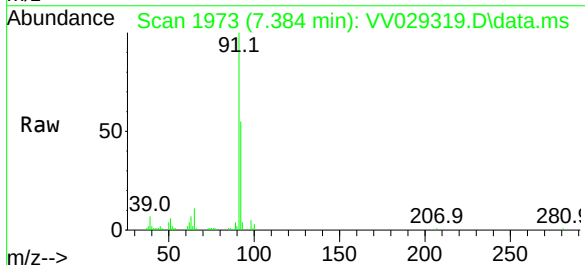
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.4	84.4
132	100.9	73.3	136.1
130	105.7	75.6	140.4

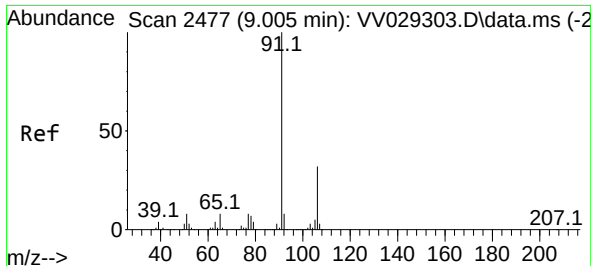


#42
 Toluene
 Concen: 0.495 ug/L
 RT: 7.384 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VV029319.D
 Acq: 24 Nov 2022 01:33

Tgt Ion: 91 Resp: 39269

Ion	Ratio	Lower	Upper
91	100		
92	54.6	40.8	75.8

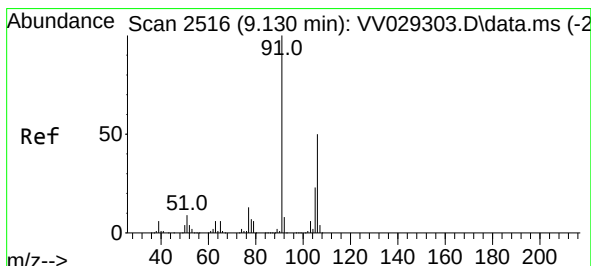
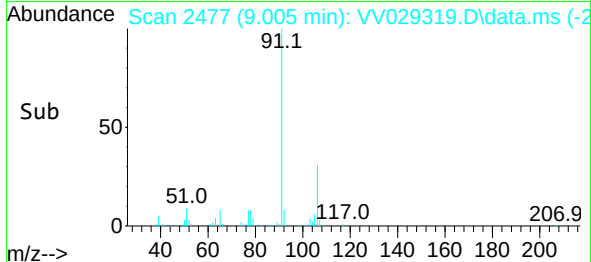
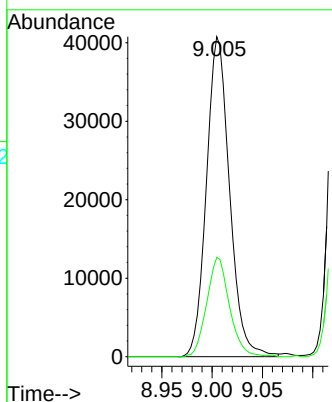
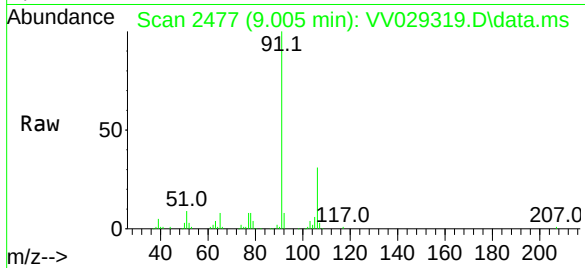




#52
Ethylbenzene
Concen: 0.789 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029319.D
Acq: 24 Nov 2022 01:33

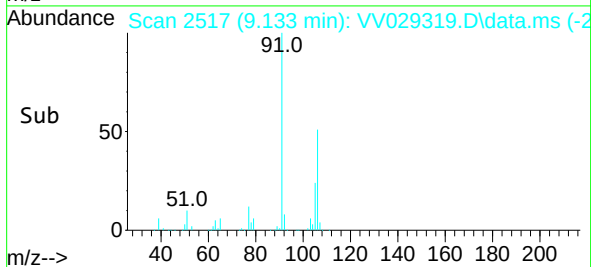
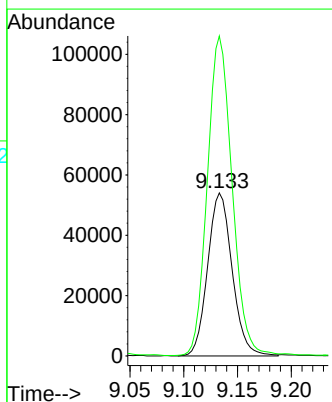
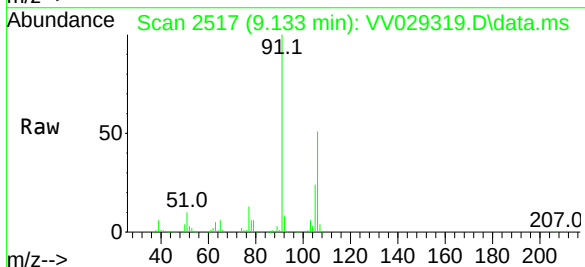
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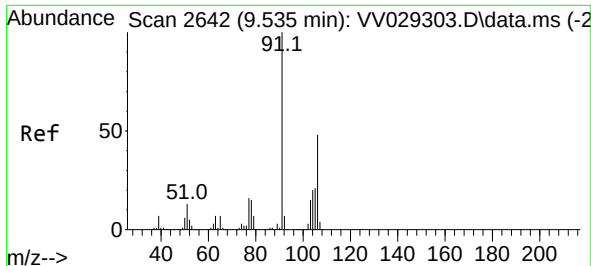
Tgt Ion: 91 Resp: 65244
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 2.627 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029319.D
Acq: 24 Nov 2022 01:33

Tgt Ion:106 Resp: 85675
Ion Ratio Lower Upper
106 100
91 196.3 140.6 261.2

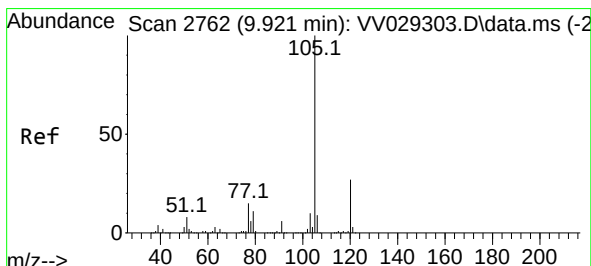
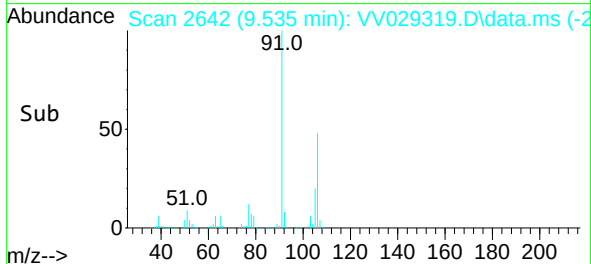
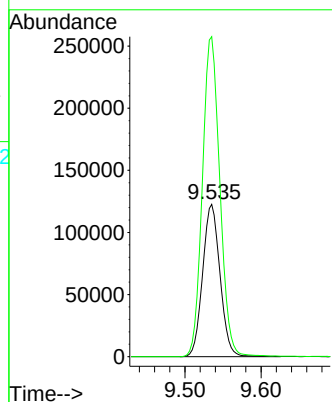
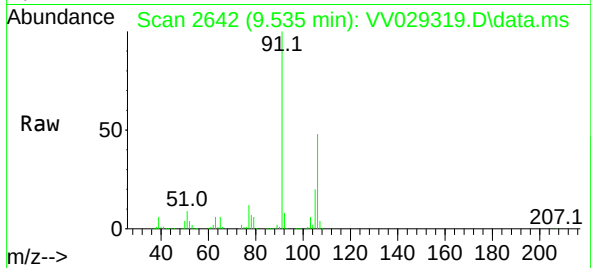




#54
o-Xylene
Concen: 6.071 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029319.D
Acq: 24 Nov 2022 01:33

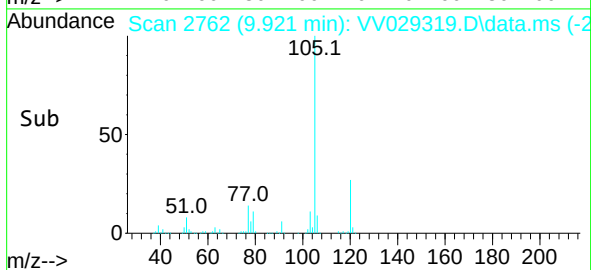
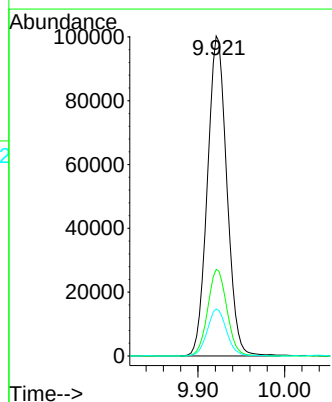
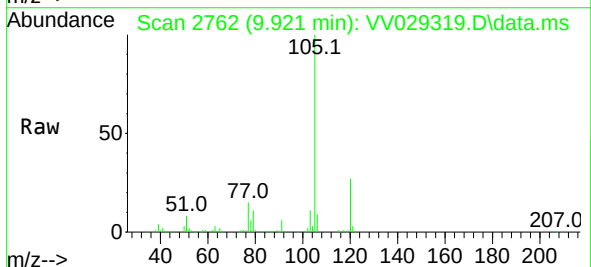
Instrument :
MSVOA_V
ClientSampleId :
BHB67

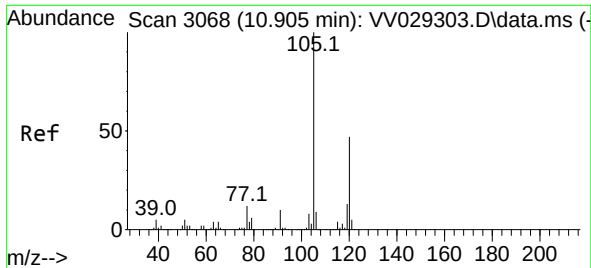
Tgt Ion:106 Resp: 194504
Ion Ratio Lower Upper
106 100
91 210.0 146.9 272.9



#60
Isopropylbenzene
Concen: 1.827 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029319.D
Acq: 24 Nov 2022 01:33

Tgt Ion:105 Resp: 156008
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.6 11.8 17.8





#63

1,2,4-Trimethylbenzene

Concen: 0.215 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029319.D

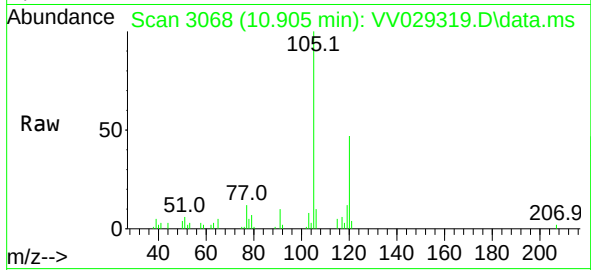
Acq: 24 Nov 2022 01:33

Instrument :

MSVOA_V

ClientSampleId :

BHB67



Tgt Ion:105 Resp: 15969

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8

