

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029352.D
 Acq On : 25 Nov 2022 13:47
 Operator : SY/MD
 Sample : N5725-14DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB67DL

Quant Time: Nov 25 21:31:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

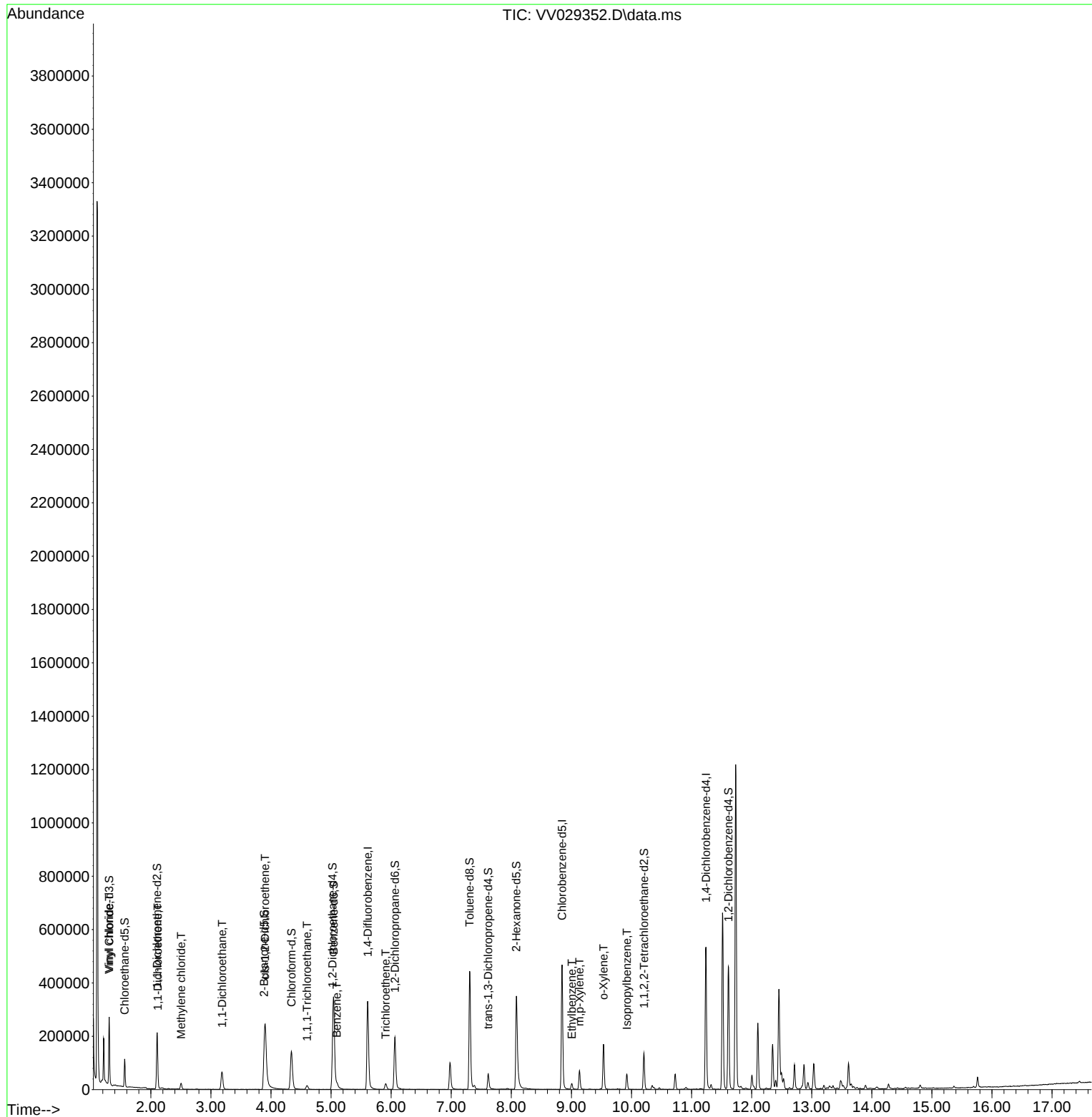
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	313967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	277426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	143219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90209	4.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.565	69	67385	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.105	63	107423	3.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.886	46	159866	49.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.920%
24) Chloroform-d	4.339	84	155736	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.024	65	73800	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.043	84	346942	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.063	67	103519	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.307	98	317213	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.616	79	36892	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.085	63	130048	43.921	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.840%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68382	5.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	122822	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
5) Vinyl chloride	1.307	62	76549	3.579	ug/L	100
12) 1,1-Dichloroethene	2.114	96	4865	0.301	ug/L #	1
16) Methylene chloride	2.503	84	9437	0.383	ug/L	97
19) 1,1-Dichloroethane	3.185	63	70901	2.126	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	105074	4.958	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	11535	0.361	ug/L	98
33) Benzene	5.095	78	18407	0.222	ug/L	100
34) Trichloroethene	5.908	95	6883	0.325	ug/L	94
52) Ethylbenzene	9.008	91	16294	0.175	ug/L	98
53) m,p-Xylene	9.133	106	19600	0.535	ug/L	99
54) o-Xylene	9.535	106	46969	1.306	ug/L	100
60) Isopropylbenzene	9.921	105	36871	0.398	ug/L	98

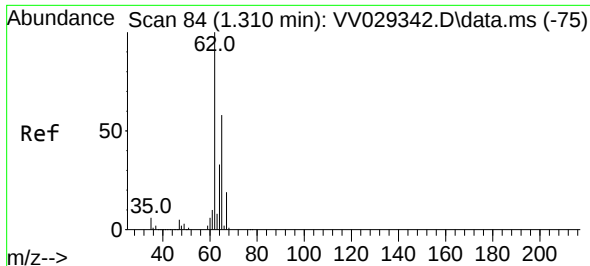
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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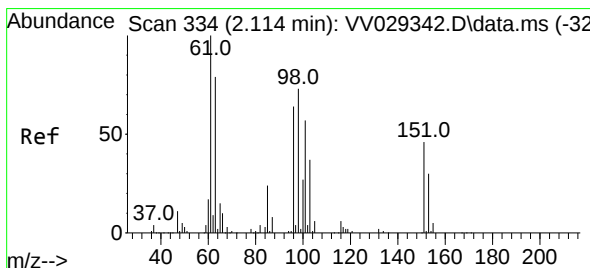
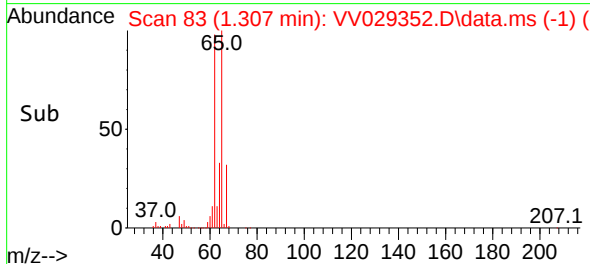
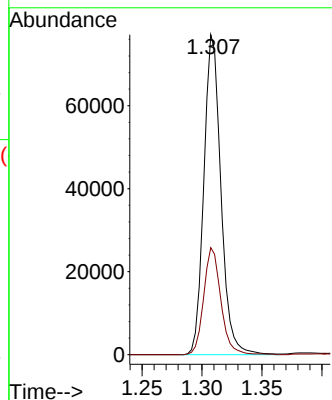
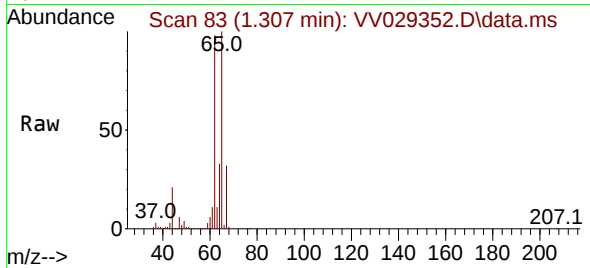




#5
 Vinyl chloride
 Concen: 3.579 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV029352.D
 Acq: 25 Nov 2022 13:47

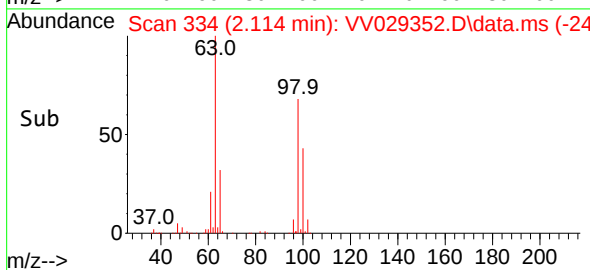
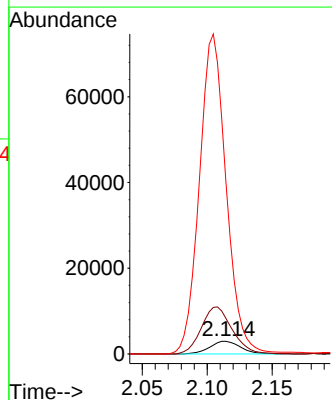
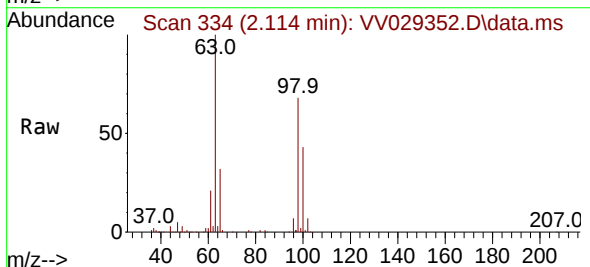
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB67DL

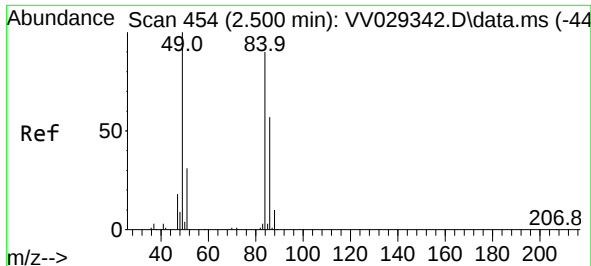
Tgt Ion: 62 Resp: 76549
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 0.301 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029352.D
 Acq: 25 Nov 2022 13:47

Tgt Ion: 96 Resp: 4865
 Ion Ratio Lower Upper
 96 100
 61 282.0 110.3 204.9#
 63 1367.5 84.4 156.8#

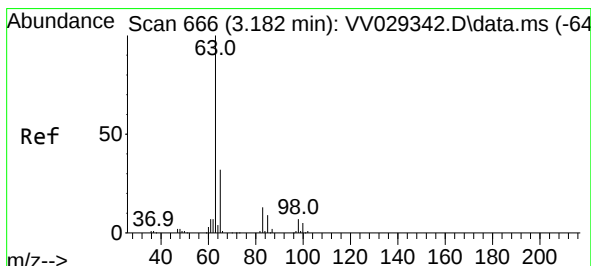
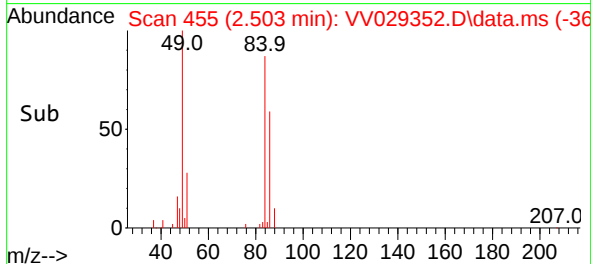
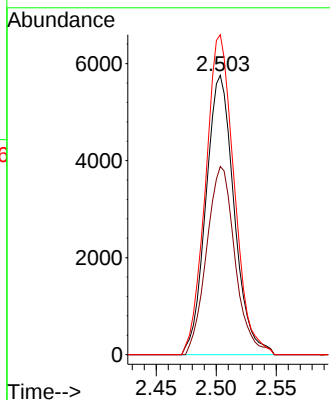
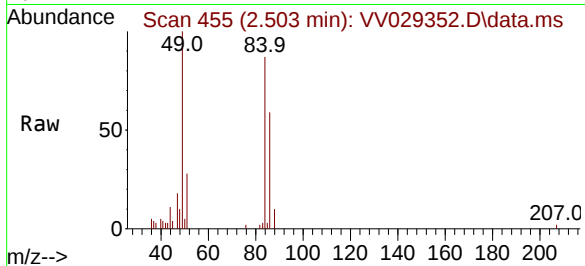




#16
Methylene chloride
Concen: 0.383 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029352.D
Acq: 25 Nov 2022 13:47

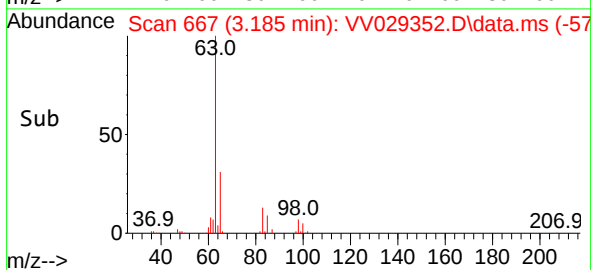
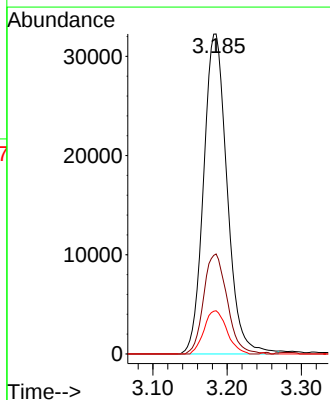
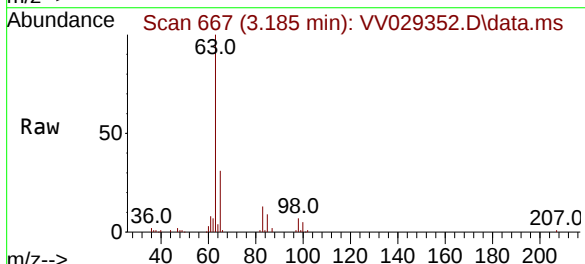
Instrument :
MSVOA_V
ClientSampleId :
BHB67DL

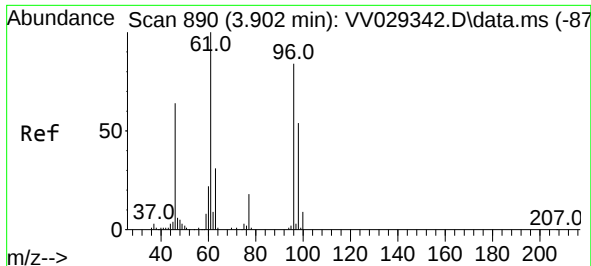
Tgt Ion: 84 Resp: 9437
Ion Ratio Lower Upper
84 100
86 67.3 45.6 84.6
49 114.6 77.8 144.4



#19
1,1-Dichloroethane
Concen: 2.126 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029352.D
Acq: 25 Nov 2022 13:47

Tgt Ion: 63 Resp: 70901
Ion Ratio Lower Upper
63 100
65 31.2 21.6 40.2
83 13.5 10.3 19.1



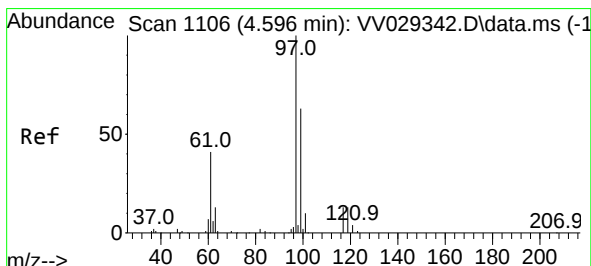
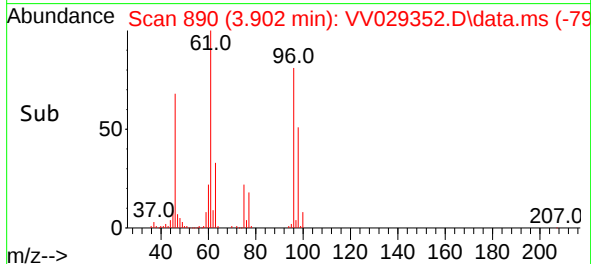
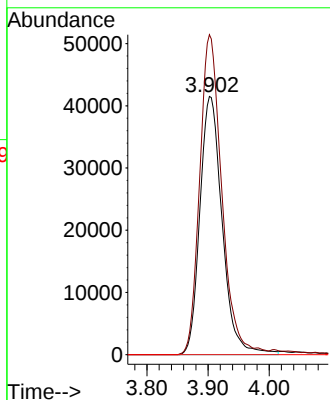
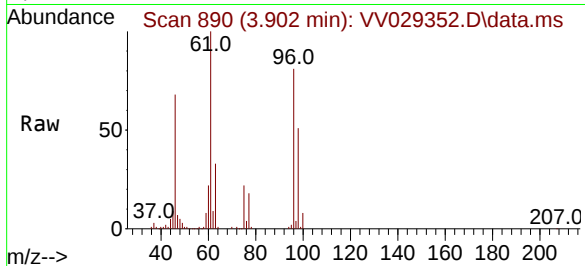


#22
 cis-1,2-Dichloroethene
 Concen: 4.958 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029352.D
 Acq: 25 Nov 2022 13:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB67DL

Tgt Ion: 96 Resp: 105074

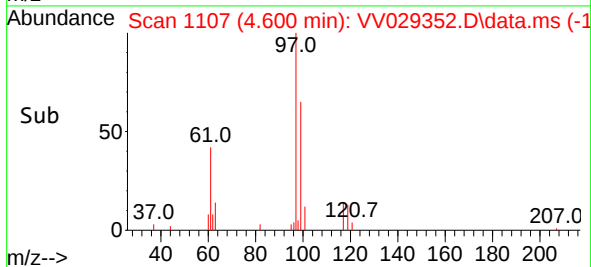
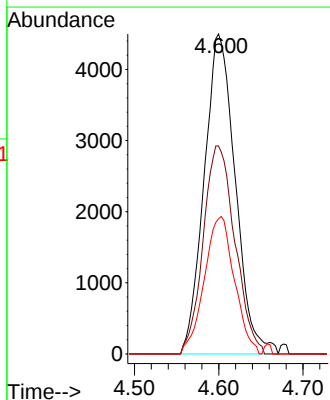
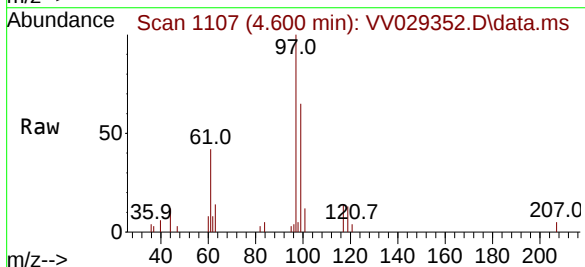
Ion	Ratio	Lower	Upper
96	100		
61	123.9	85.8	159.3
68	0.0	0.0	0.0

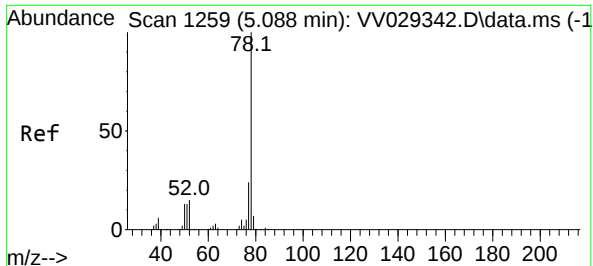


#29
 1,1,1-Trichloroethane
 Concen: 0.361 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV029352.D
 Acq: 25 Nov 2022 13:47

Tgt Ion: 97 Resp: 11535

Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.2	76.8
61	41.5	33.3	49.9

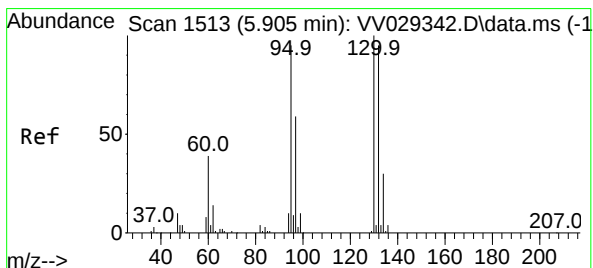
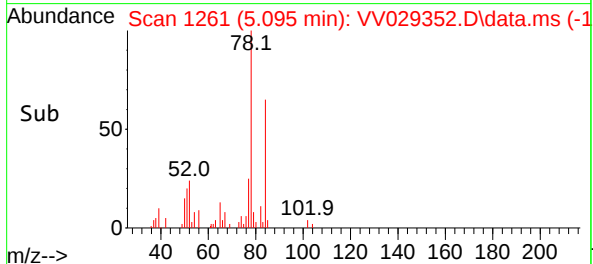
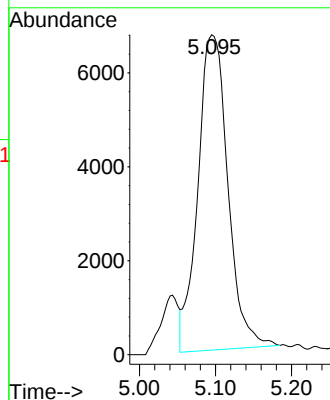
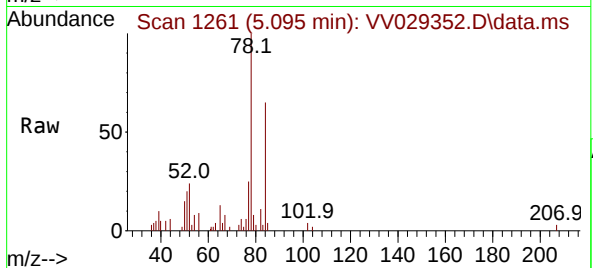




#33
Benzene
Concen: 0.222 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029352.D
Acq: 25 Nov 2022 13:47

Instrument :
MSVOA_V
ClientSampleId :
BHB67DL

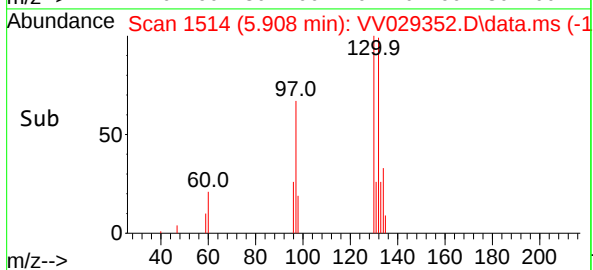
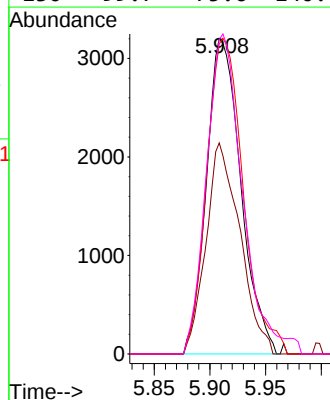
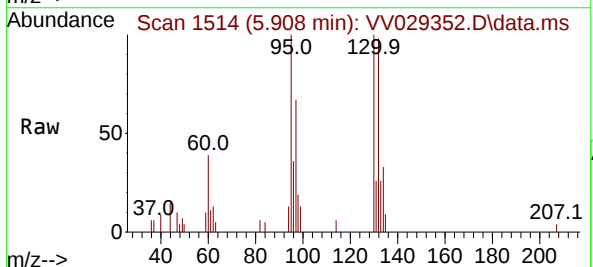
Tgt Ion: 78 Resp: 18407

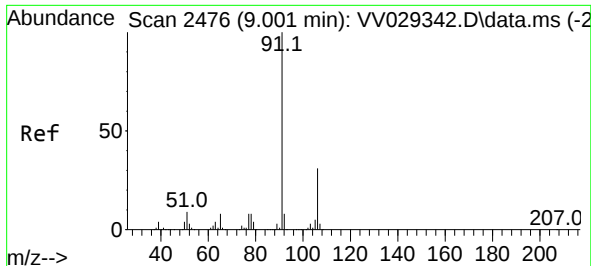


#34
Trichloroethene
Concen: 0.325 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029352.D
Acq: 25 Nov 2022 13:47

Tgt Ion: 95 Resp: 6883

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.4	84.4
132	98.2	73.3	136.1
130	99.7	75.6	140.4





#52

Ethylbenzene

Concen: 0.175 ug/L

RT: 9.008 min Scan# 2476

Delta R.T. 0.007 min

Lab File: VV029352.D

Acq: 25 Nov 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

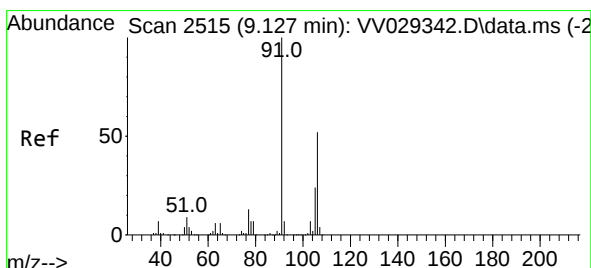
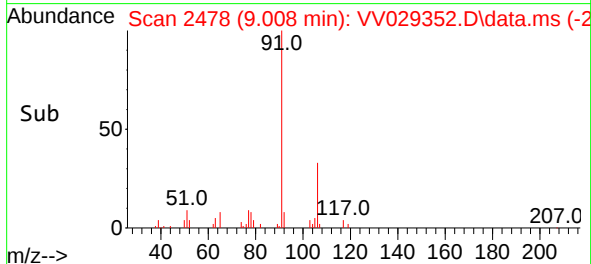
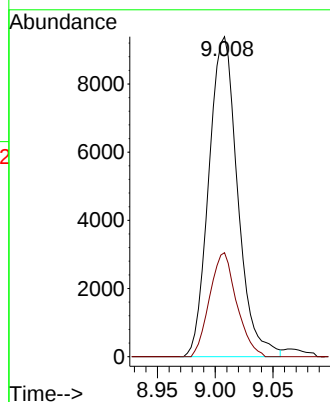
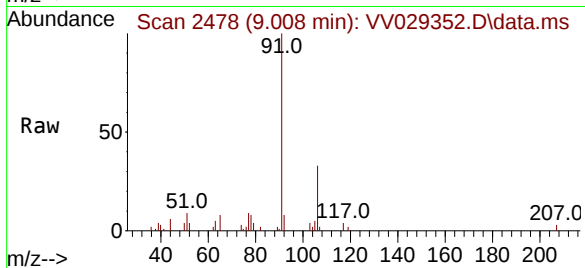
BHB67DL

Tgt Ion: 91 Resp: 16294

Ion Ratio Lower Upper

91 100

106 32.5 21.9 40.7



#53

m,p-Xylene

Concen: 0.535 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.006 min

Lab File: VV029352.D

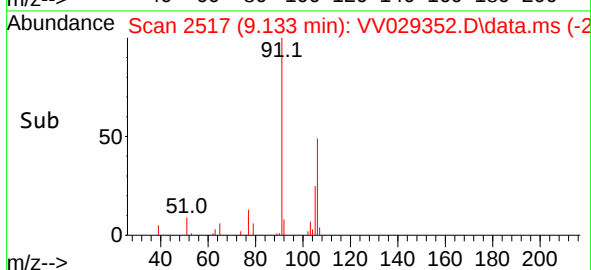
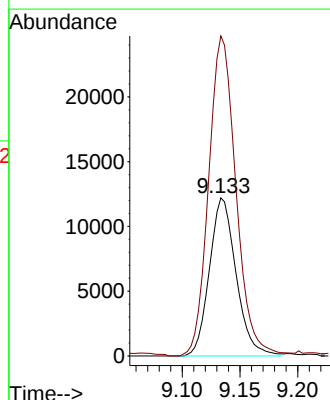
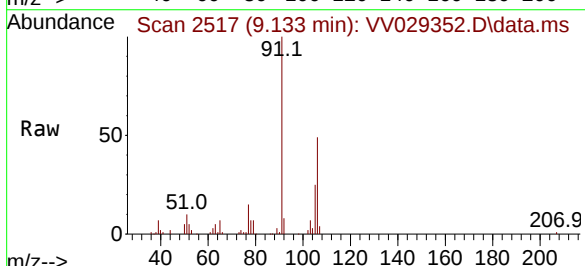
Acq: 25 Nov 2022 13:47

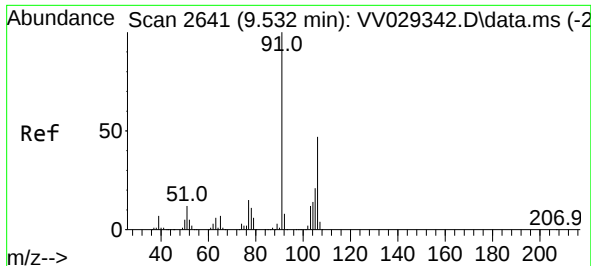
Tgt Ion: 106 Resp: 19600

Ion Ratio Lower Upper

106 100

91 202.5 140.6 261.2

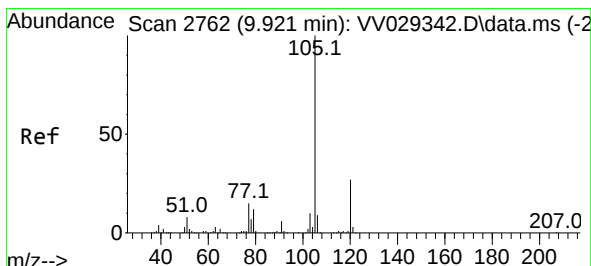
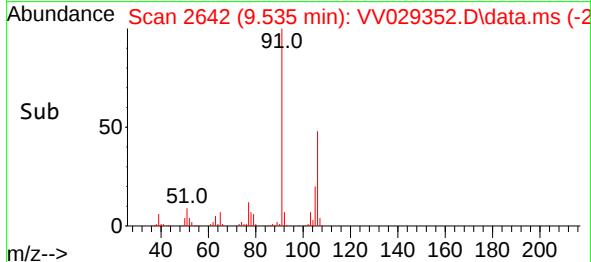
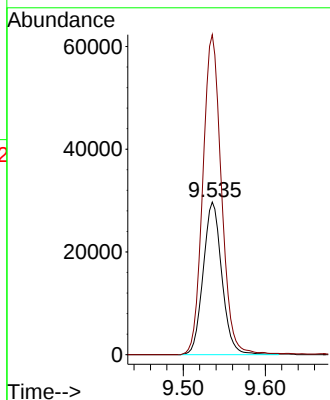
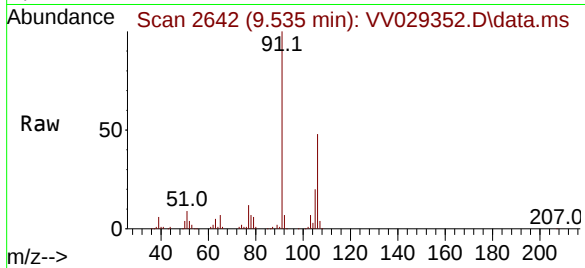




#54
o-Xylene
Concen: 1.306 ug/L
RT: 9.535 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029352.D
Acq: 25 Nov 2022 13:47

Instrument :
MSVOA_V
ClientSampleId :
BHB67DL

Tgt Ion:106 Resp: 46969
Ion Ratio Lower Upper
106 100
91 209.7 146.9 272.9



#60
Isopropylbenzene
Concen: 0.398 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029352.D
Acq: 25 Nov 2022 13:47

Tgt Ion:105 Resp: 36871
Ion Ratio Lower Upper
105 100
120 27.8 21.4 32.2
77 15.9 11.8 17.8

