

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027355.D
 Acq On : 13 Aug 2022 03:03
 Operator : SY/MD
 Sample : N4115-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

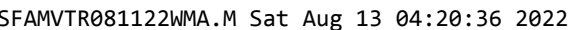
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

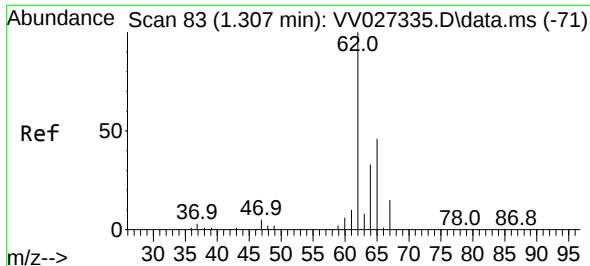
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	144684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47348	3.767	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.564	69	39293	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.198	63	5024	0.220	ug/L	0.10
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.400%#
20) 2-Butanone-d5	3.889	46	110438	51.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	4.346	84	102687	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.031	65	49716	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.047	84	178987	3.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.066	67	63447	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.313	98	144001	3.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.622	79	15674	3.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.800%
46) 2-Hexanone-d5	8.088	63	82405	43.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47865	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	56387	4.787	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	9572	0.597	ug/L #	64
6) Bromomethane	1.516	94	373	0.050	ug/L #	54
8) Chloroethane	1.391	64	60630	6.798	ug/L #	51
14) Carbon disulfide	2.288	76	3657	0.088	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	2356	0.184	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	3437	0.273	ug/L	96
25) Chloroform	4.378	83	3370	0.134	ug/L	89
33) Benzene	5.098	78	28235	0.532	ug/L	100
35) Methylcyclohexane	6.066	83	14379	0.791	ug/L #	17
52) Ethylbenzene	9.017	91	7934	0.149	ug/L	95
53) m,p-Xylene	9.140	106	12247	0.604	ug/L	98
54) o-Xylene	9.548	106	2873	0.145	ug/L	97
60) Isopropylbenzene	10.741	105	1375	0.032	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	8176	1.244	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.918	105	4173	0.351	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	4173	0.123	ug/L	96

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

Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 02:46:03 2022
Response via : Initial Calibration

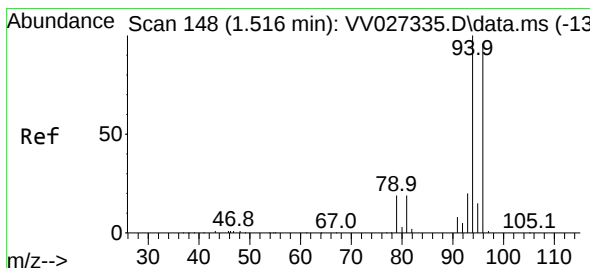
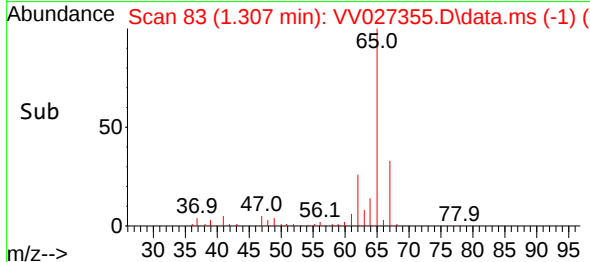
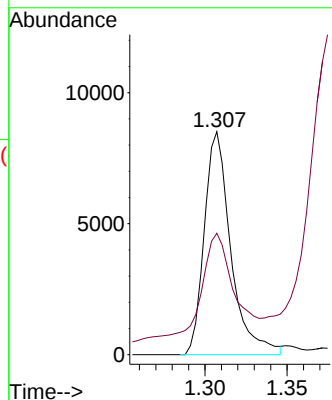
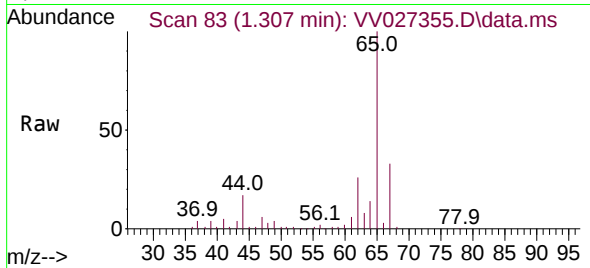




#5
 Vinyl chloride
 Concen: 0.597 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027355.D
 Acq: 13 Aug 2022 03:03

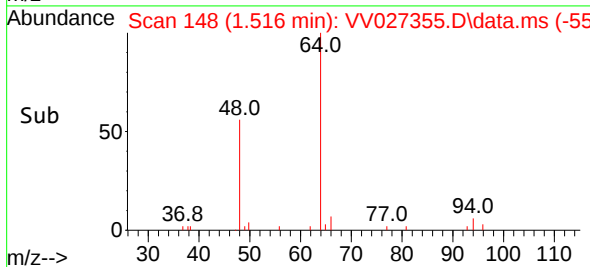
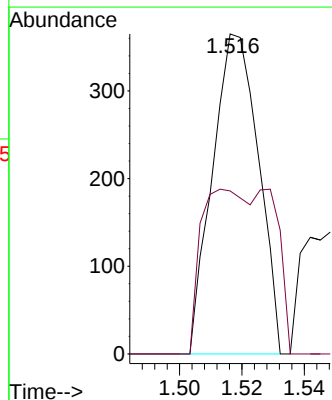
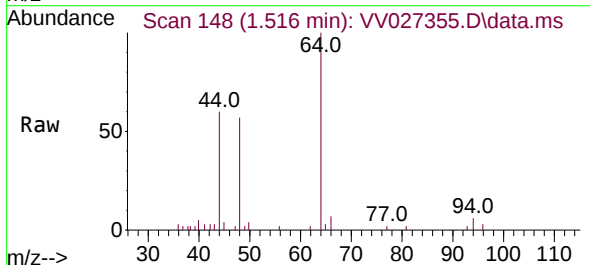
Instrument :
 MSVOA_V
 ClientSampleId :

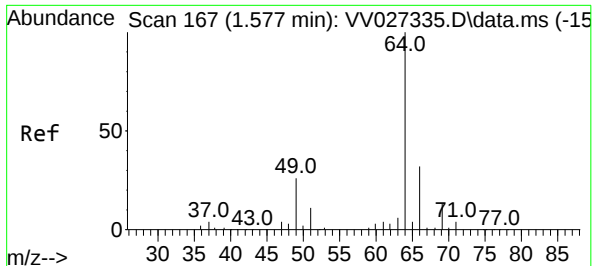
Tgt Ion: 62 Resp: 9572
 Ion Ratio Lower Upper
 62 100
 64 54.5 23.7 44.1#



#6
 Bromomethane
 Concen: 0.050 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027355.D
 Acq: 13 Aug 2022 03:03

Tgt Ion: 94 Resp: 373
 Ion Ratio Lower Upper
 94 100
 96 51.0 67.2 124.8#

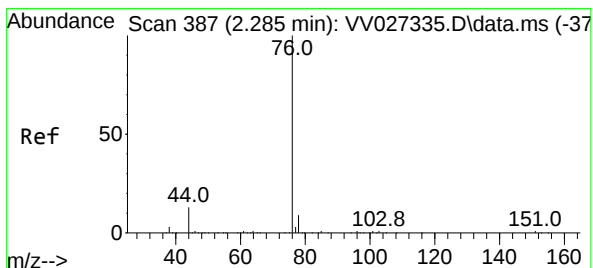
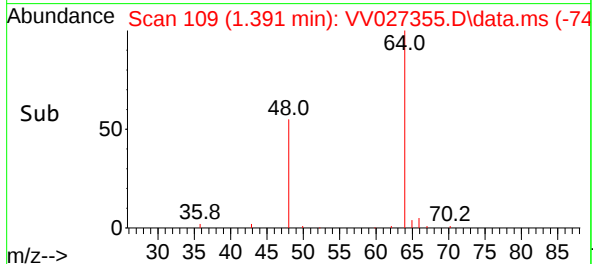
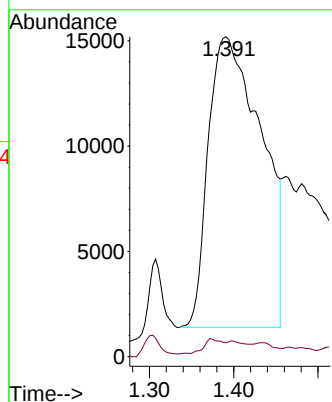
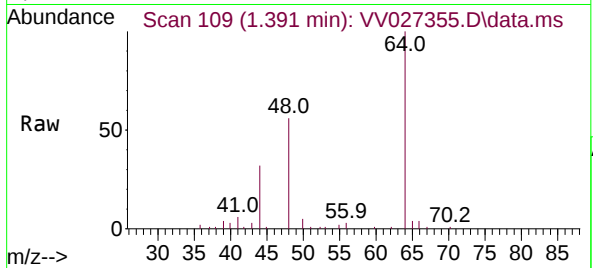




#8
Chloroethane
Concen: 6.798 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.187 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

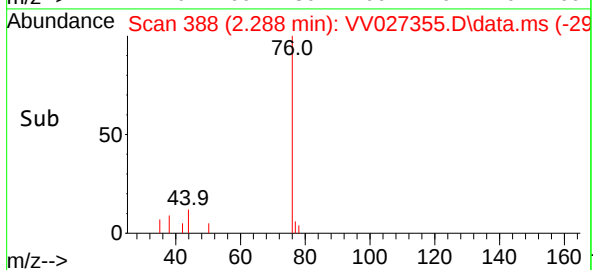
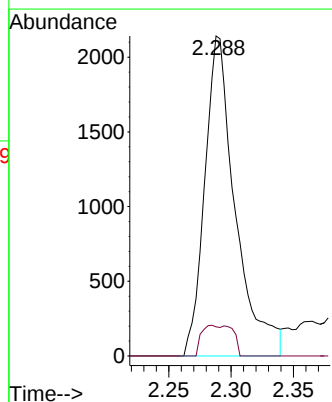
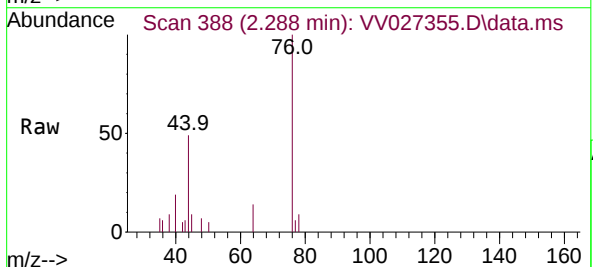
Instrument :
MSVOA_V
ClientSampleId :

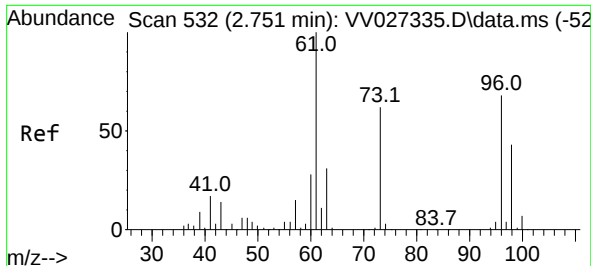
Tgt Ion: 64 Resp: 60630
Ion Ratio Lower Upper
64 100
66 4.4 22.3 41.5#



#14
Carbon disulfide
Concen: 0.088 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

Tgt Ion: 76 Resp: 3657
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

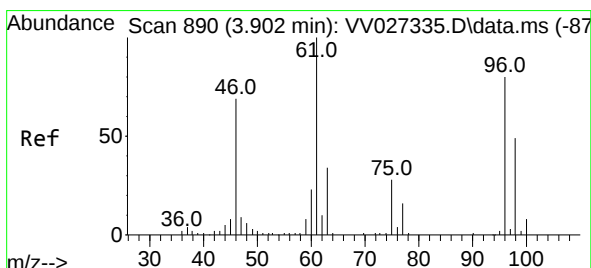
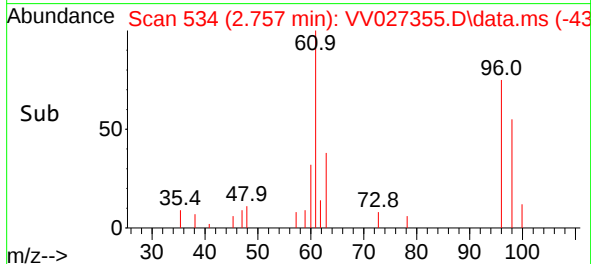
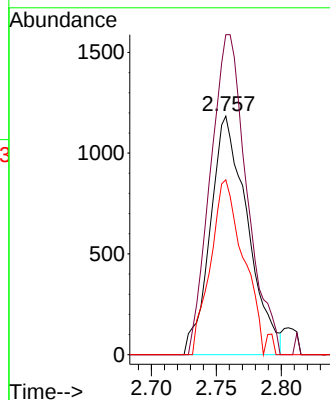
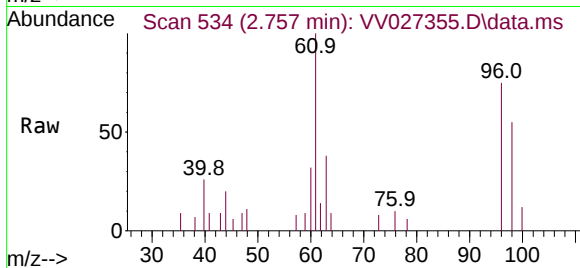




#18
trans-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

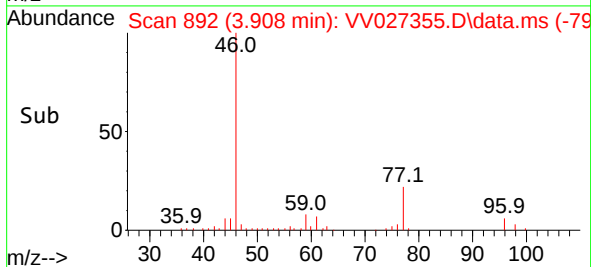
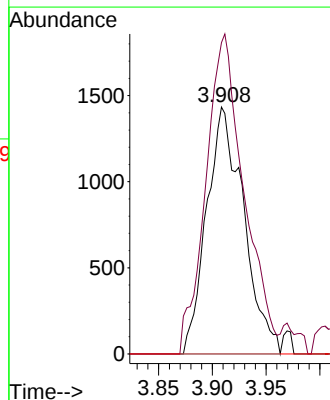
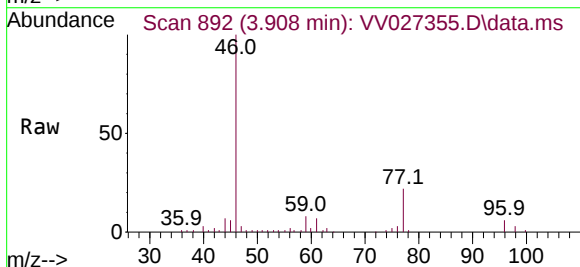
Instrument :
MSVOA_V
ClientSampleId :

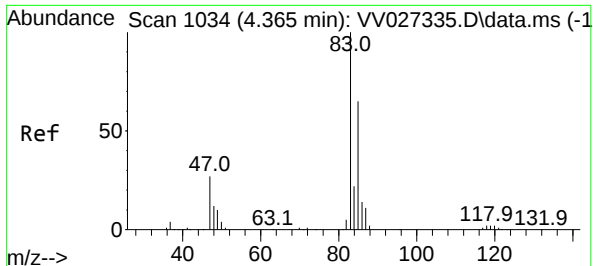
Tgt Ion: 96 Resp: 2356
Ion Ratio Lower Upper
96 100
61 134.1 99.6 185.0
98 73.3 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.273 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

Tgt Ion: 96 Resp: 3437
Ion Ratio Lower Upper
96 100
61 126.2 91.3 169.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.134 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV027355.D

Acq: 13 Aug 2022 03:03

Instrument :

MSVOA_V

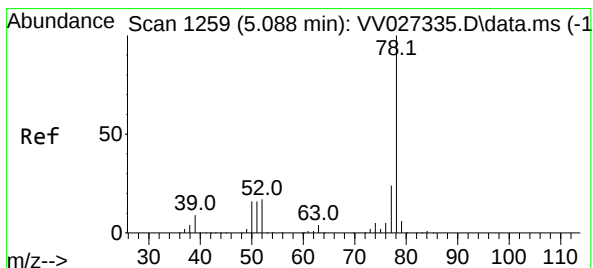
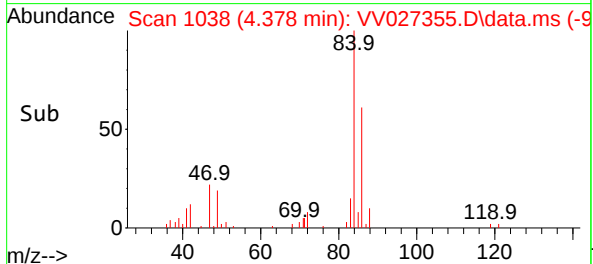
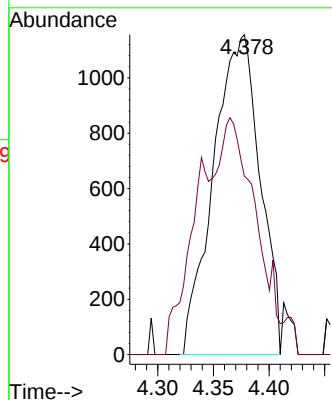
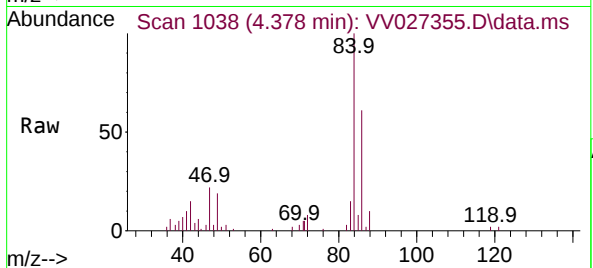
ClientSampleId :

Tgt Ion: 83 Resp: 3370

Ion Ratio Lower Upper

83 100

85 55.8 45.2 84.0



#33

Benzene

Concen: 0.532 ug/L

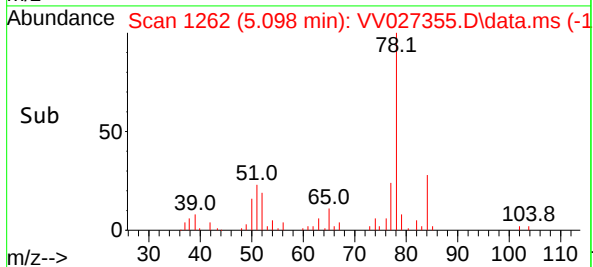
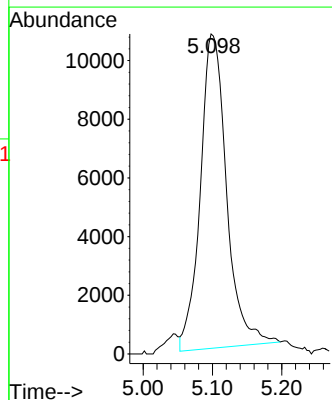
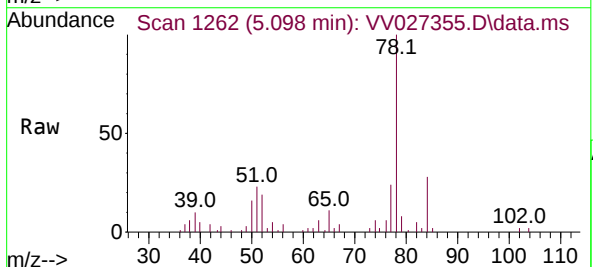
RT: 5.098 min Scan# 1262

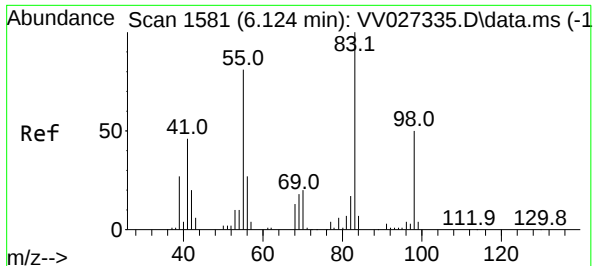
Delta R.T. 0.010 min

Lab File: VV027355.D

Acq: 13 Aug 2022 03:03

Tgt Ion: 78 Resp: 28235

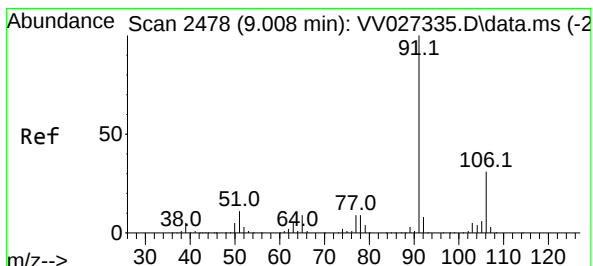
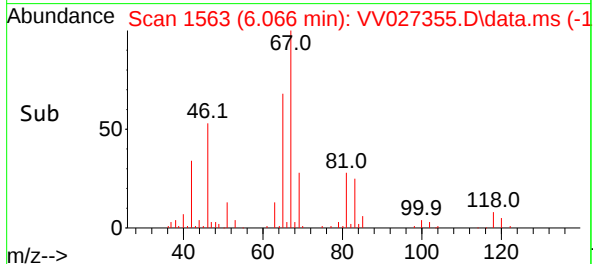
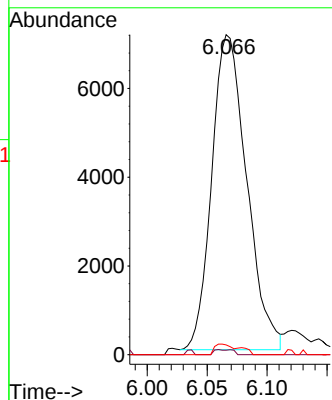
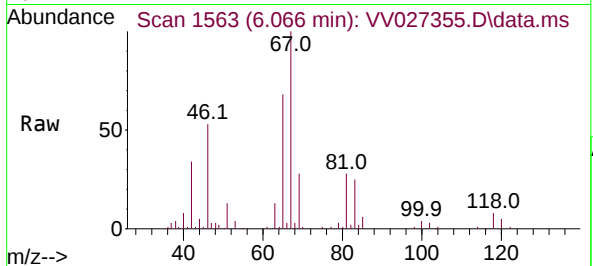




#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

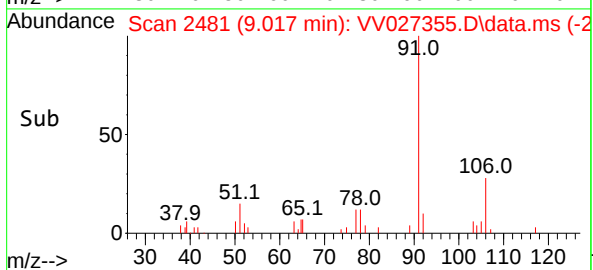
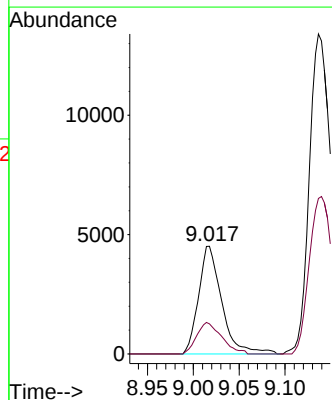
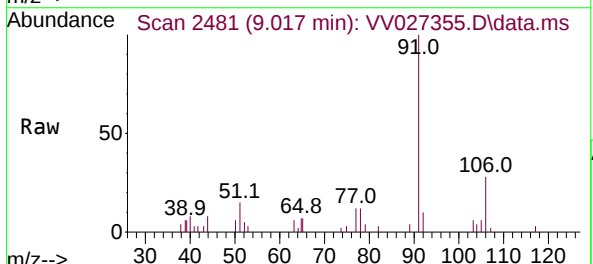
Instrument :
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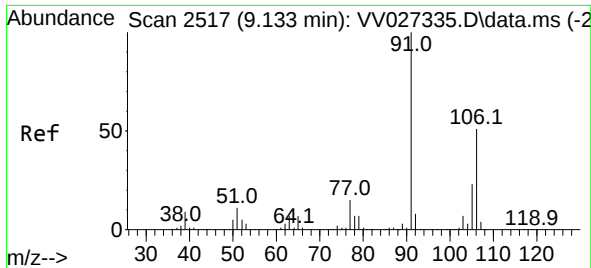
Tgt Ion: 83 Resp: 14379
Ion Ratio Lower Upper
83 100
55 0.9 67.0 100.6#
98 1.8 38.7 58.1#



#52
Ethylbenzene
Concen: 0.149 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

Tgt Ion: 91 Resp: 7934
Ion Ratio Lower Upper
91 100
106 27.9 21.5 39.9

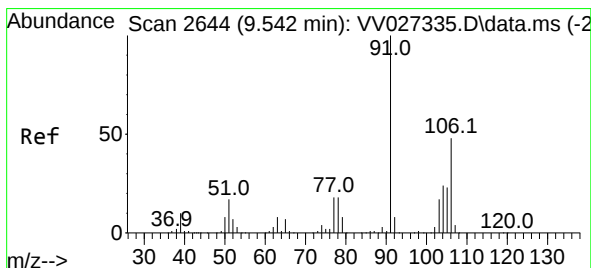
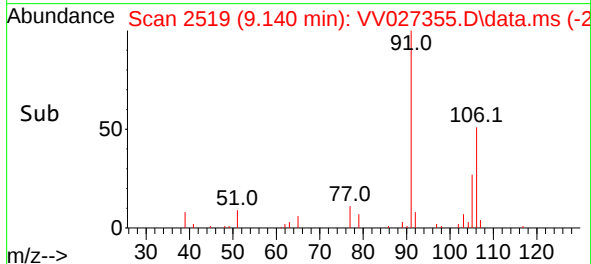
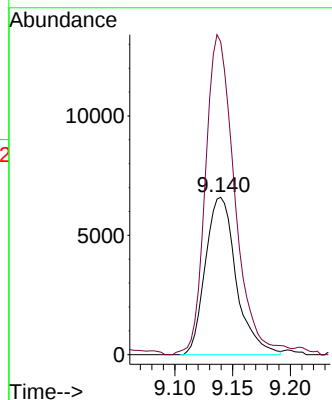
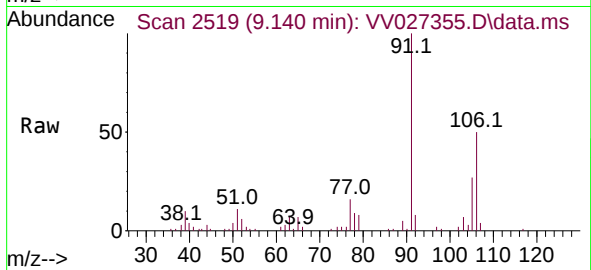




#53
m,p-Xylene
Concen: 0.604 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

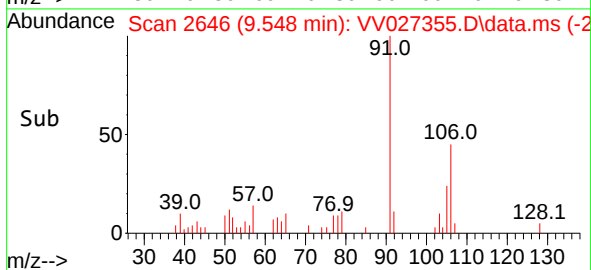
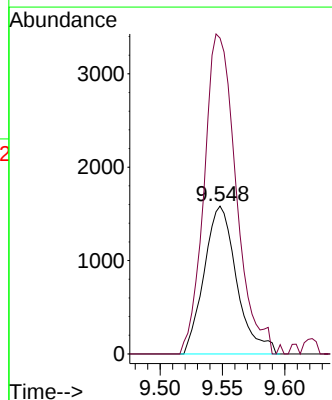
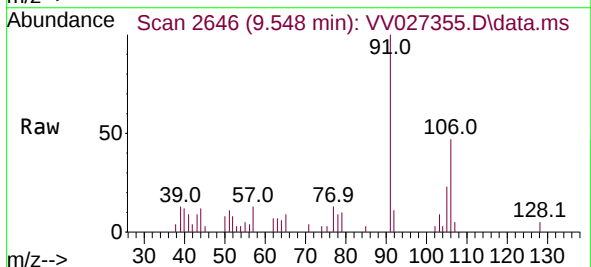
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MSVOA_V
ClientSampleId :

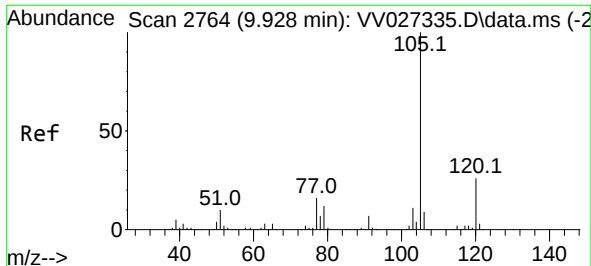
Tgt Ion:106 Resp: 12247
Ion Ratio Lower Upper
106 100
91 198.8 141.5 262.9



#54
o-Xylene
Concen: 0.145 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

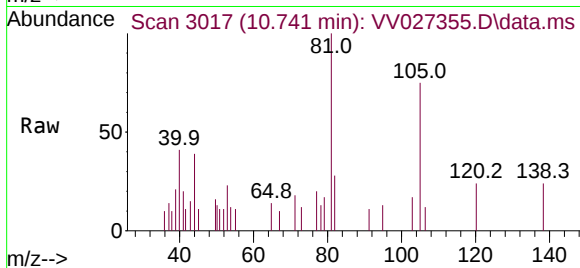
Tgt Ion:106 Resp: 2873
Ion Ratio Lower Upper
106 100
91 213.6 153.2 284.4



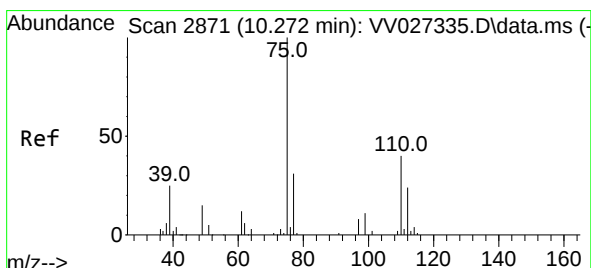
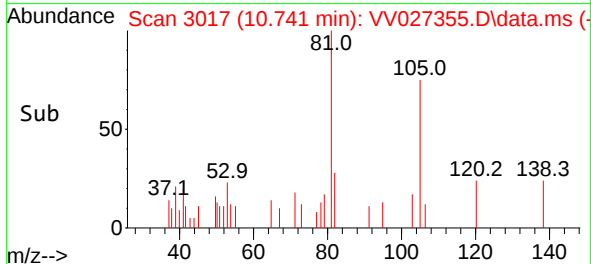
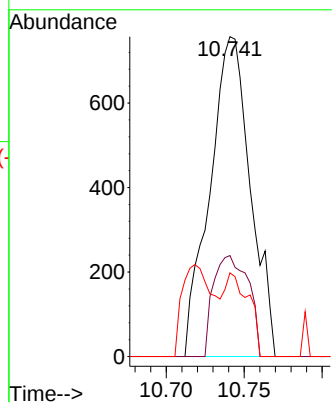


#60
Isopropylbenzene
Concen: 0.032 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.813 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

Instrument :
MSVOA_V
ClientSampleId :

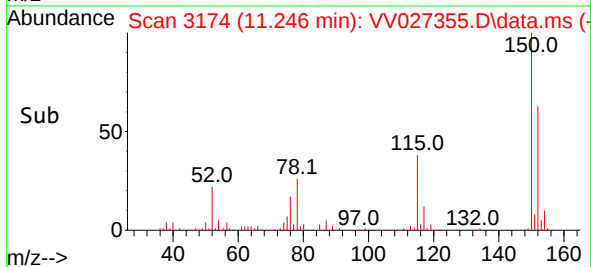
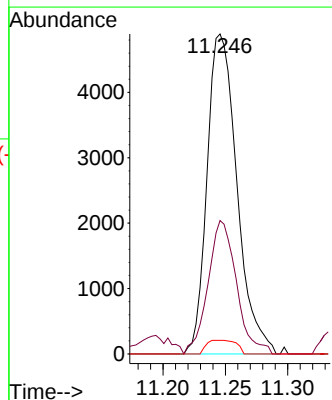
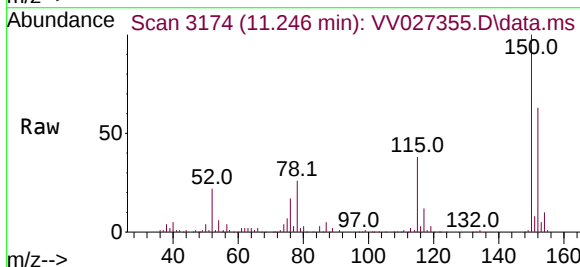


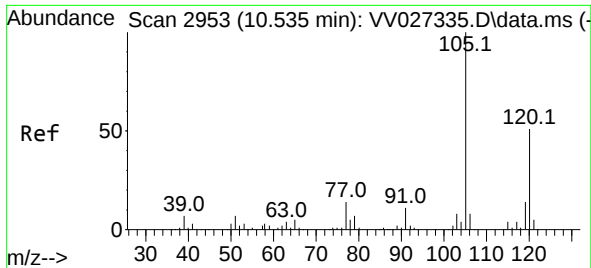
Tgt Ion:	105	Resp:	1375
Ion Ratio	Lower	Upper	
105	100		
120	27.1	21.0	31.4
77	15.4	13.2	19.8



#61
1,2,3-Trichloropropane
Concen: 1.244 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027355.D
Acq: 13 Aug 2022 03:03

Tgt Ion:	75	Resp:	8176
Ion Ratio	Lower	Upper	
75	100		
77	39.7	26.6	39.8
110	4.2	31.0	46.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.351 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.383 min

Lab File: VV027355.D

Acq: 13 Aug 2022 03:03

Instrument :

MSVOA_V

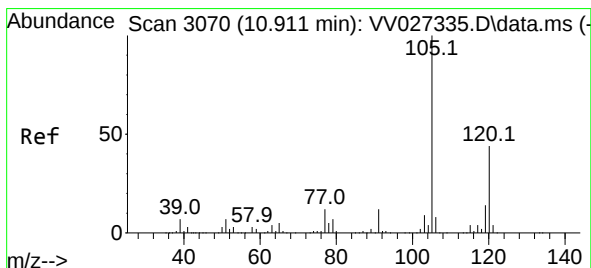
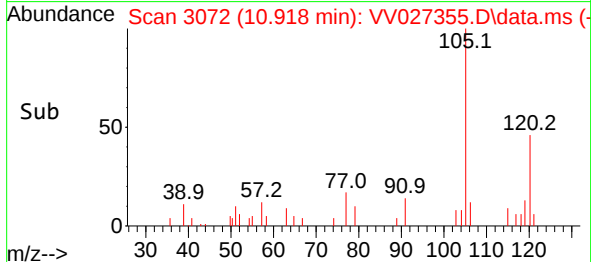
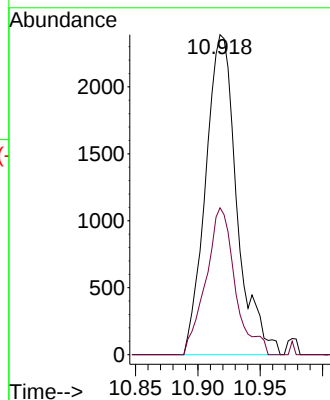
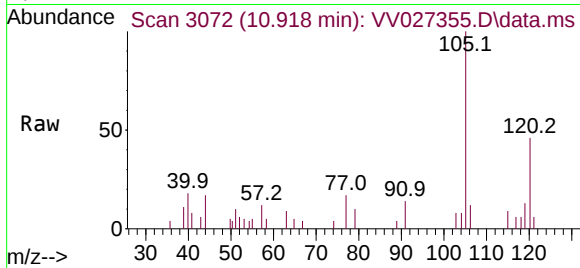
ClientSampleId :

Tgt Ion:105 Resp: 4173

Ion Ratio Lower Upper

105 100

120 42.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.123 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV027355.D

Acq: 13 Aug 2022 03:03

Tgt Ion:105 Resp: 4173

Ion Ratio Lower Upper

105 100

120 42.8 36.2 54.2

