

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026622.D
 Acq On : 01 Jul 2022 11:53
 Operator : SY/MD
 Sample : N3553-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH8

Quant Time: Jul 04 02:03:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	219055	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	209195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	62135	3.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.580	69	58174	4.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.117	63	90227	2.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.921	46	108412	61.898	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.800%
24) Chloroform-d	4.362	84	131617	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.040	65	53999	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.059	84	245953	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.075	67	77511	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	201213	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	20428	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.095	63	82976	51.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54571	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70905	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	1057	0.058	ug/L	91
6) Bromomethane	1.542	94	690	0.066	ug/L #	52
8) Chloroethane	1.619	64	5972	0.452	ug/L #	57
13) Acetone	2.211	43	5528	4.975	ug/L	61
14) Carbon disulfide	2.304	76	8578	0.220	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	2326	0.096	ug/L #	70
21) 2-Butanone	4.127	43	2413	1.444	ug/L #	51
25) Chloroform	4.387	83	51630	1.781	ug/L	96
27) 1,2-Dichloroethane	5.059	62	1150	0.089	ug/L #	72
33) Benzene	5.114	78	2907	0.048	ug/L	100
35) Methylcyclohexane	6.079	83	17959	0.756	ug/L #	21
37) 1,2-Dichloropropane	6.079	63	8051	0.547	ug/L #	86
38) Bromodichloromethane	6.516	83	44713	2.573	ug/L	97
39) cis-1,3-Dichloropropene	6.992	75	1475	0.100	ug/L #	67
42) Toluene	7.391	91	158309	2.511	ug/L	97
44) trans-1,3-Dichloropropene	7.632	75	839	0.076	ug/L #	73
49) Dibromochloromethane	8.249	129	41651	4.431	ug/L	96
52) Ethylbenzene	9.021	91	6164	0.095	ug/L	97
53) m,p-Xylene	9.143	106	2941	0.116	ug/L	91

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration

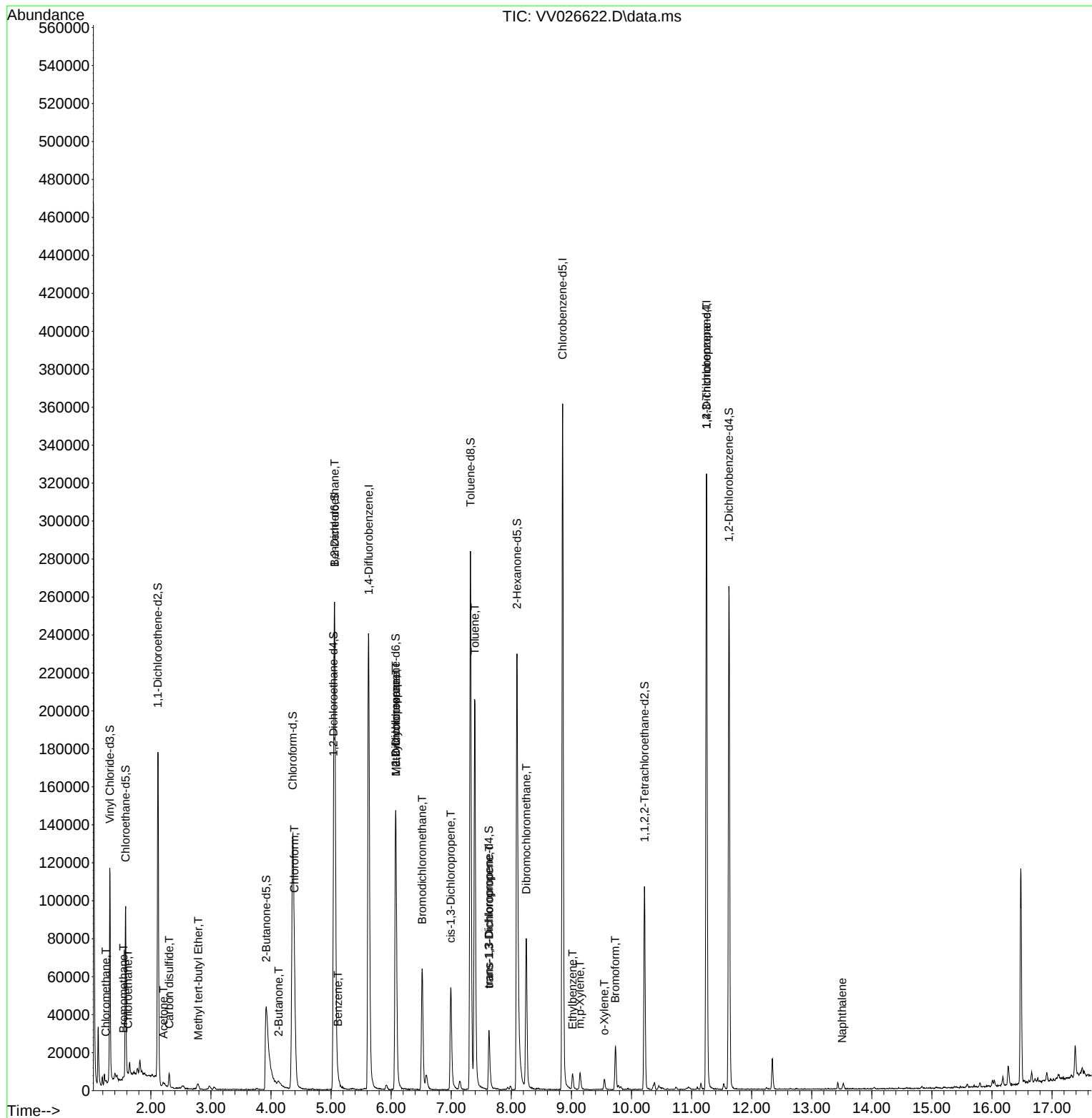
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	9.548	106	1746	0.073	ug/L	97
59) Bromoform	9.731	173	10629	3.180	ug/L	100
61) 1,2,3-Trichloropropane	11.249	75	9994	1.702	ug/L #	65
71) Naphthalene	13.506	128	1086	0.060	ug/L #	72

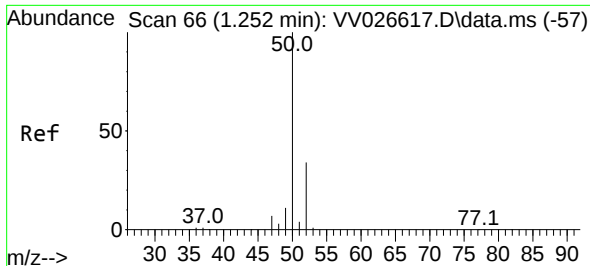
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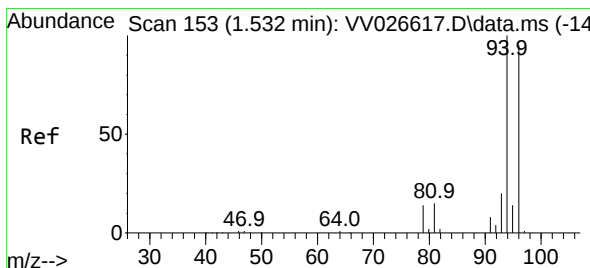
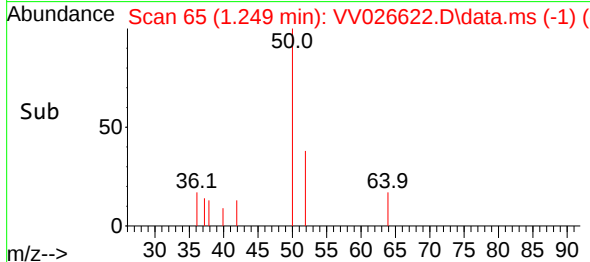
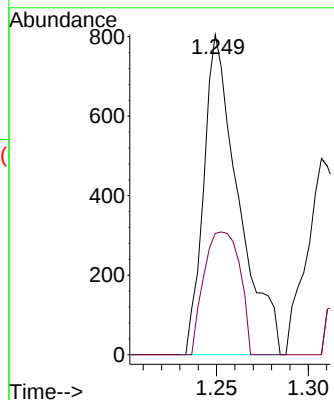
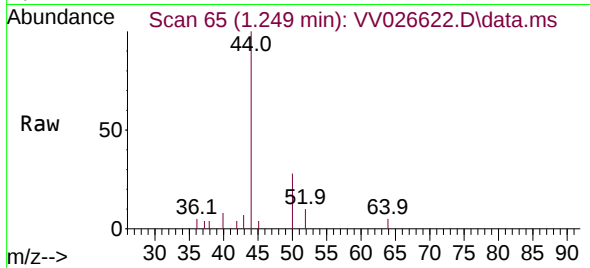




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

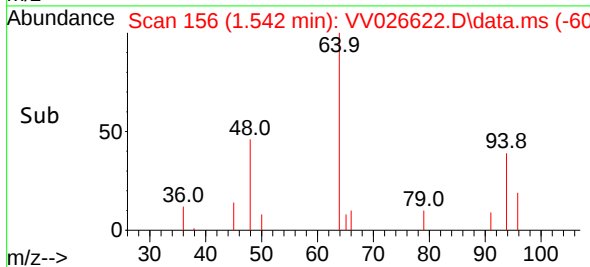
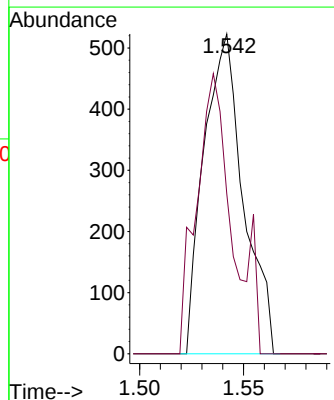
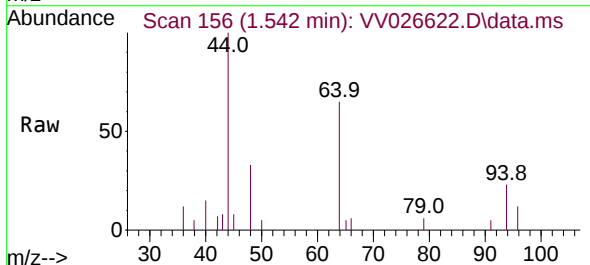
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

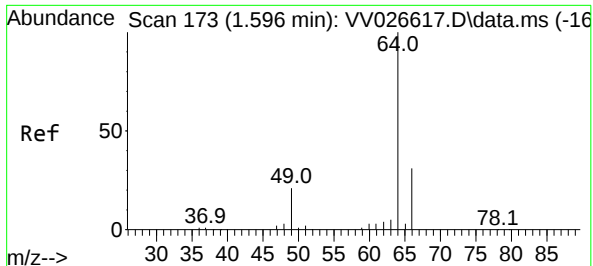
Tgt Ion: 50 Resp: 1057
Ion Ratio Lower Upper
50 100
52 37.9 23.0 42.6



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.010 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 94 Resp: 690
Ion Ratio Lower Upper
94 100
96 50.1 68.0 126.2#

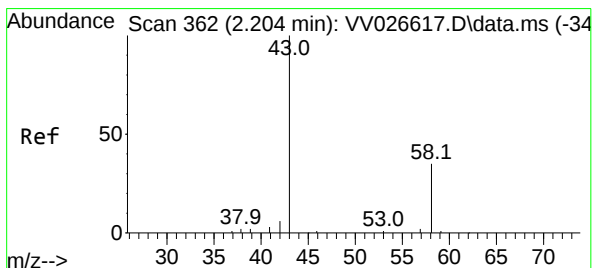
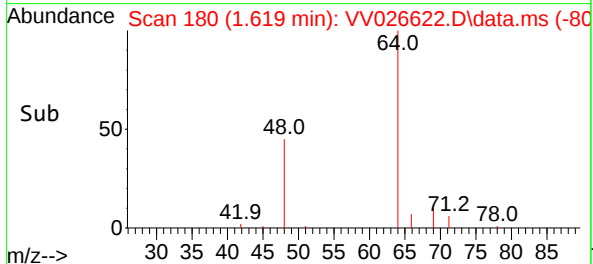
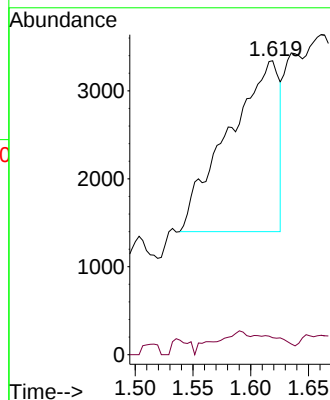
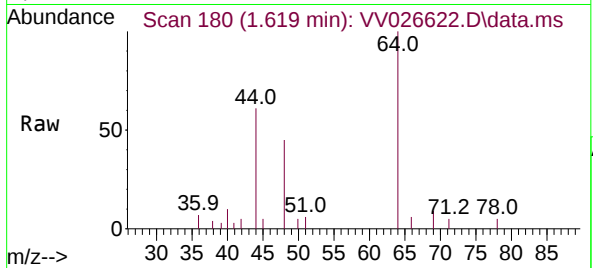




#8
Chloroethane
Concen: 0.452 ug/L
RT: 1.619 min Scan# 11
Delta R.T. 0.023 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

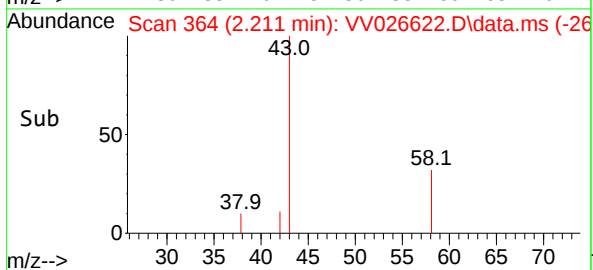
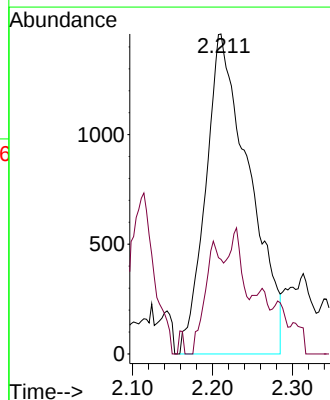
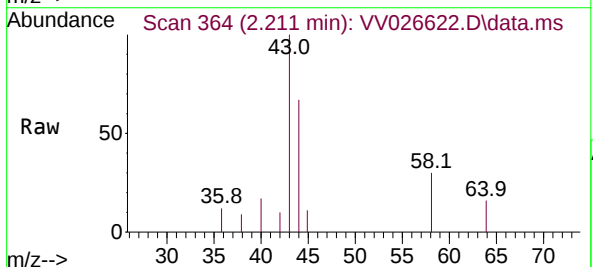
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

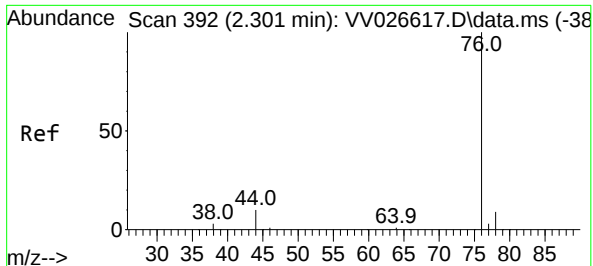
Tgt Ion: 64 Resp: 5972
Ion Ratio Lower Upper
64 100
66 5.8 20.0 37.2#



#13
Acetone
Concen: 4.975 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.006 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 43 Resp: 5528
Ion Ratio Lower Upper
43 100
58 13.9 0.0 75.0

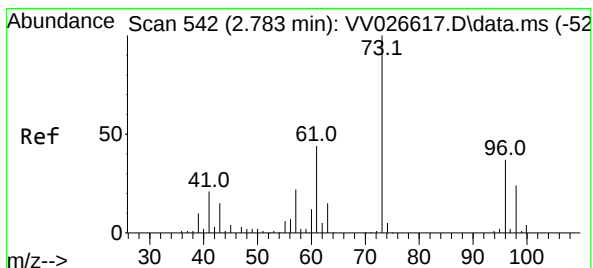
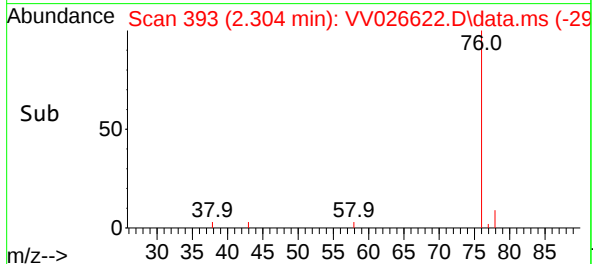
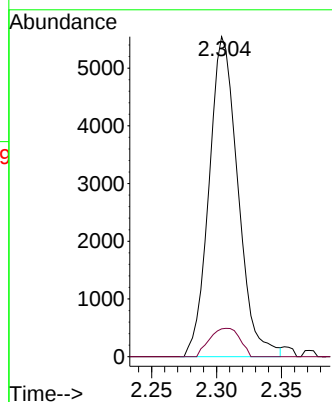
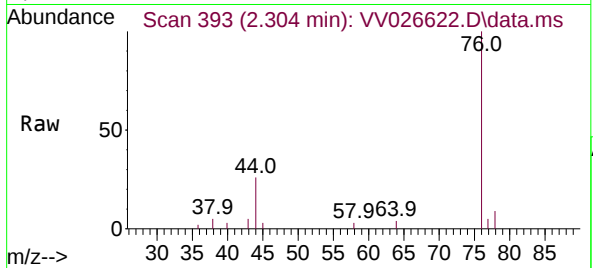




#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.304 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

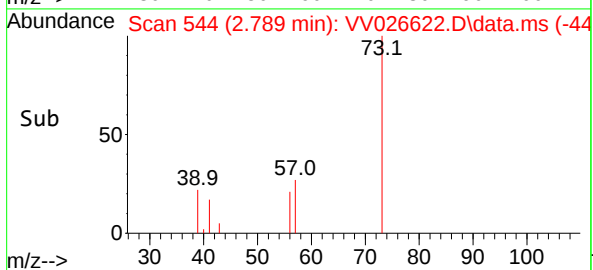
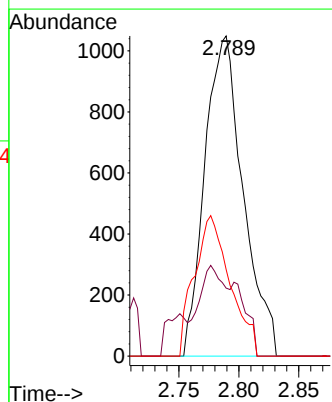
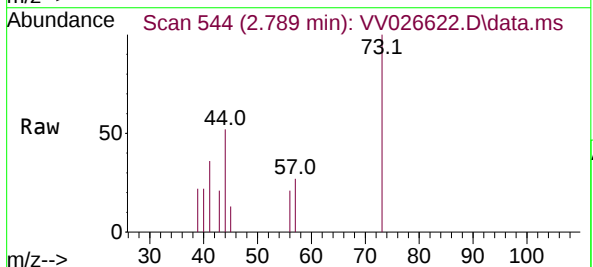
Instrument :
MSVOA_V
ClientSampleId :
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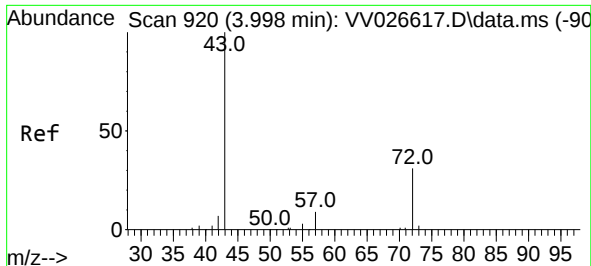
Tgt Ion: 76 Resp: 8578
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#17
Methyl tert-butyl Ether
Concen: 0.096 ug/L
RT: 2.789 min Scan# 544
Delta R.T. 0.007 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 73 Resp: 2326
Ion Ratio Lower Upper
73 100
43 10.4 13.3 19.9#
57 41.1 17.2 25.8#

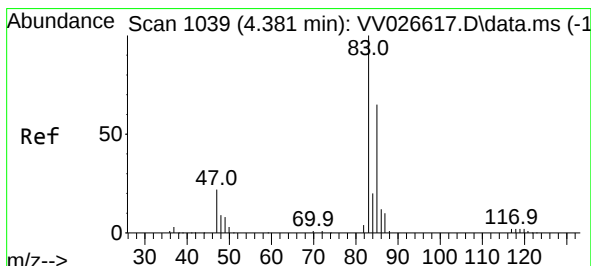
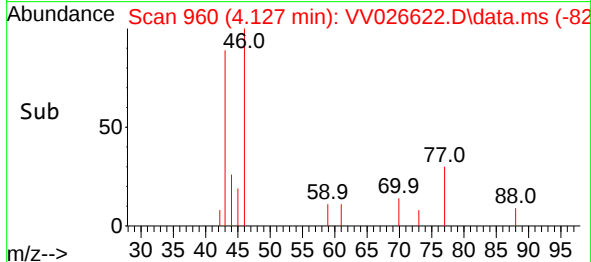
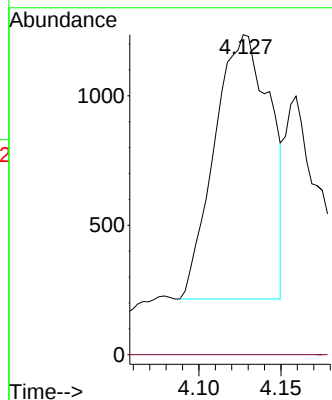
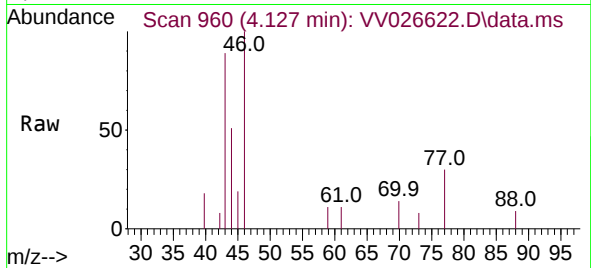




#21
2-Butanone
Concen: 1.444 ug/L
RT: 4.127 min Scan# 90
Delta R.T. 0.129 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

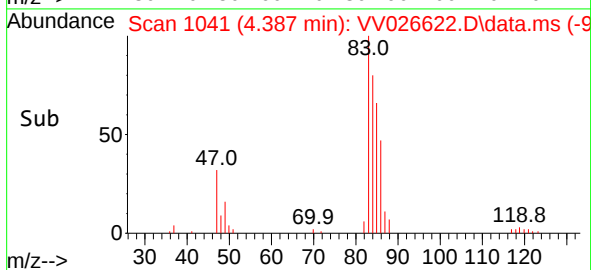
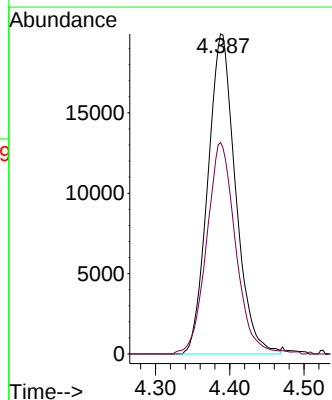
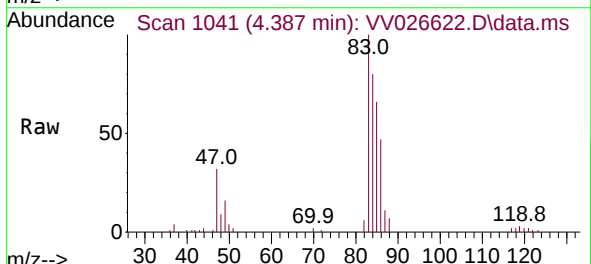
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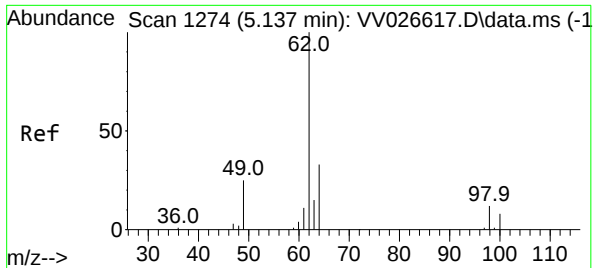
Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
72 1.7 13.5 40.5#



#25
Chloroform
Concen: 1.781 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 83 Resp: 51630
Ion Ratio Lower Upper
83 100
85 66.1 44.0 81.8

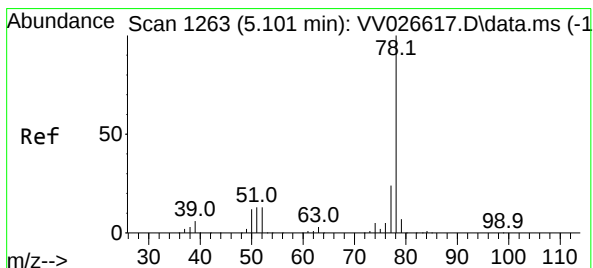
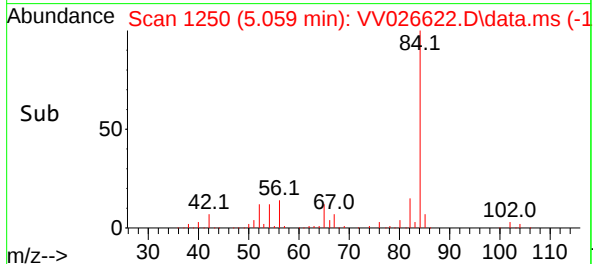
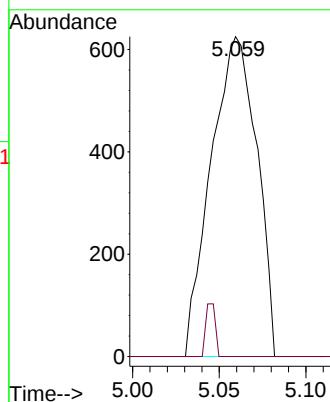
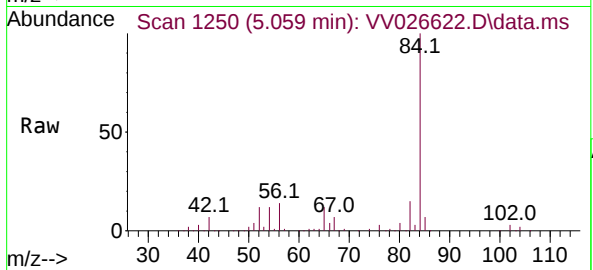




#27
1,2-Dichloroethane
Concen: 0.089 ug/L
RT: 5.059 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

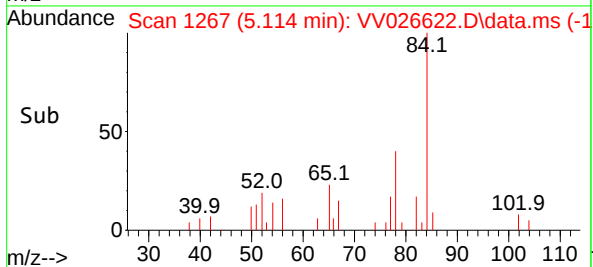
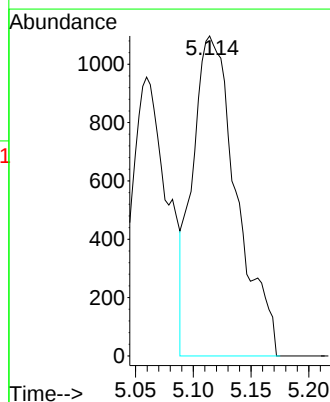
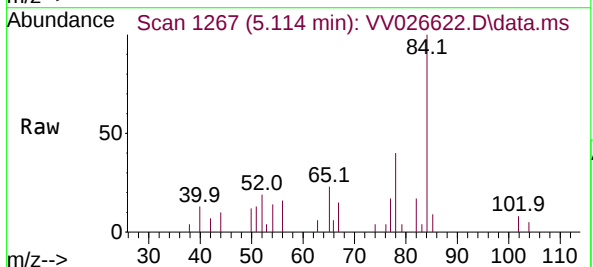
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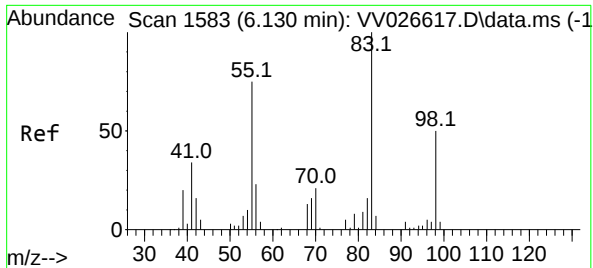
Tgt Ion: 62 Resp: 1150
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#33
Benzene
Concen: 0.048 ug/L
RT: 5.114 min Scan# 1267
Delta R.T. 0.013 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 78 Resp: 2907

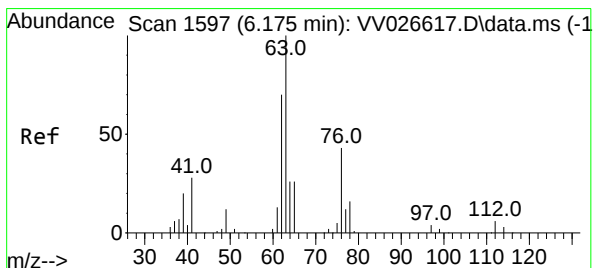
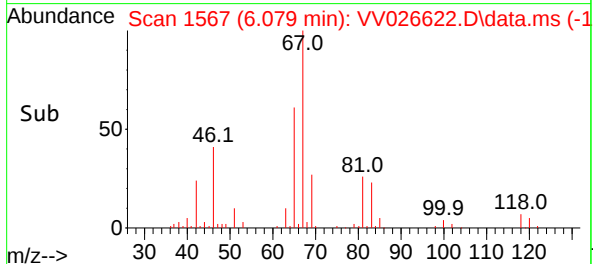
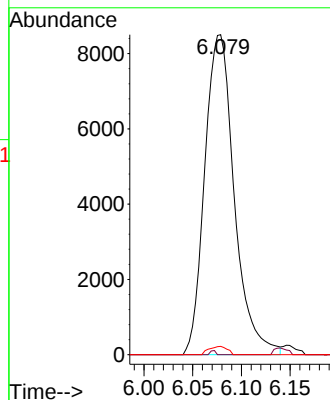
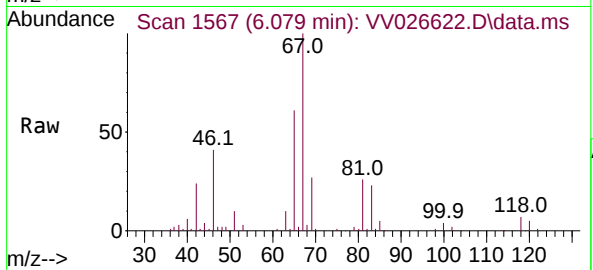




#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.051 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

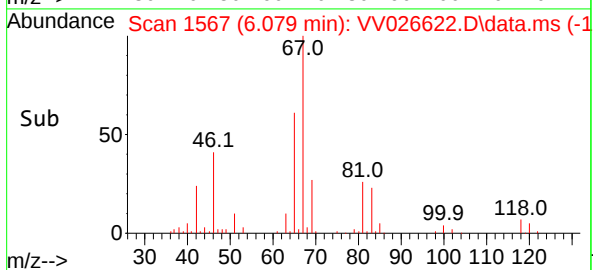
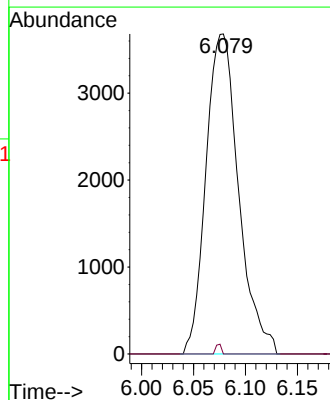
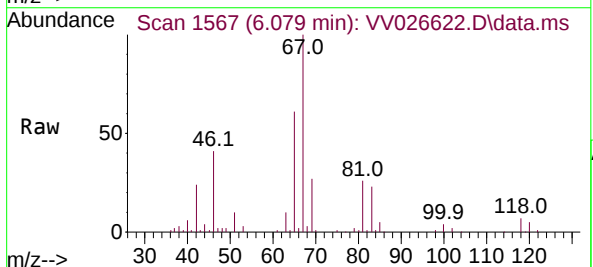
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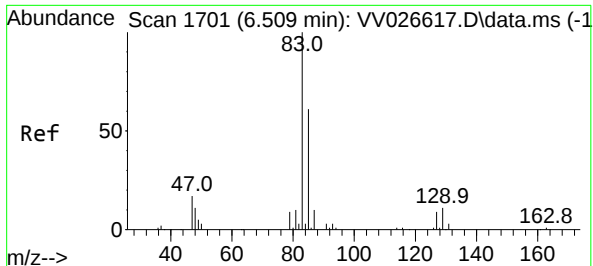
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.0	85.4#
98	1.6	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.096 min
Lab File: VV026622.D
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Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.2	6.4#

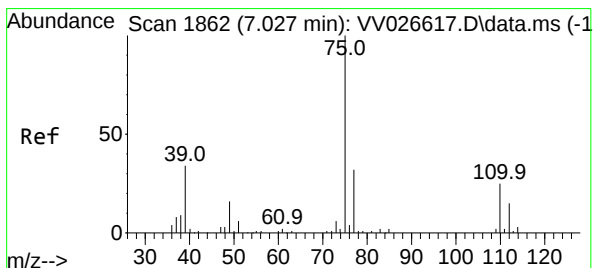
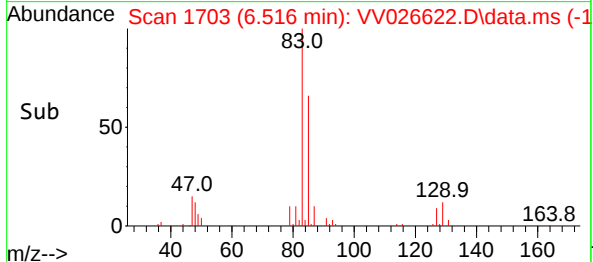
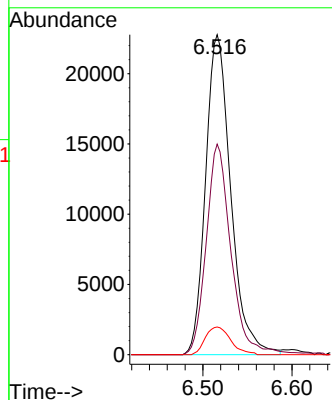
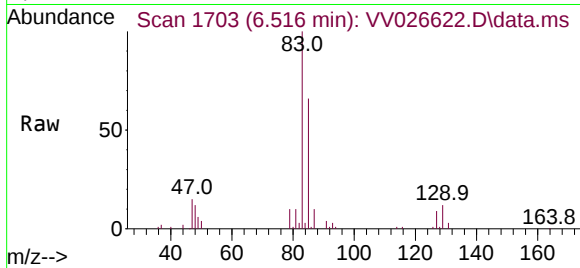




#38
Bromodichloromethane
Concen: 2.573 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

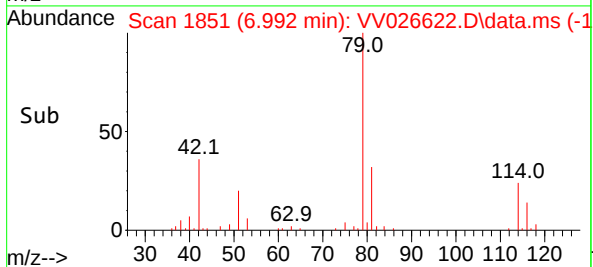
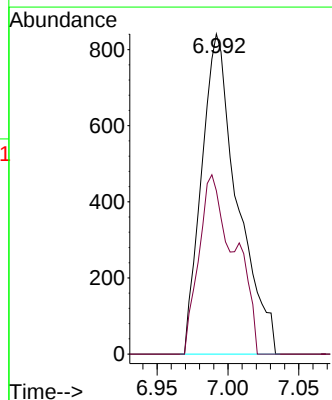
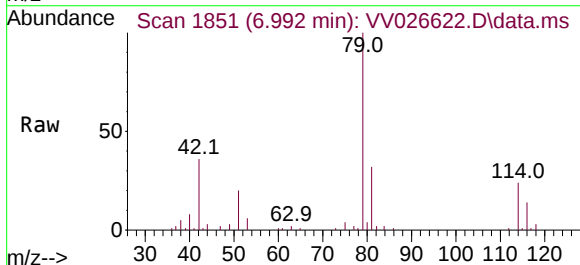
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

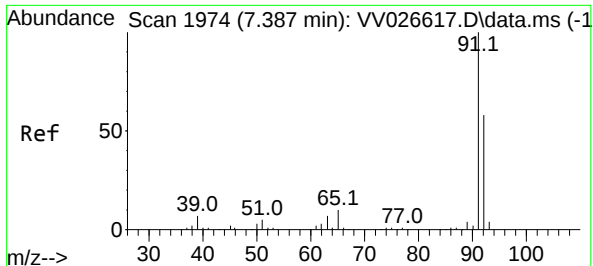
Tgt Ion: 83 Resp: 44713
Ion Ratio Lower Upper
83 100
85 65.8 44.0 81.8
127 8.7 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 75 Resp: 1475
Ion Ratio Lower Upper
75 100
77 51.0 22.8 42.4#

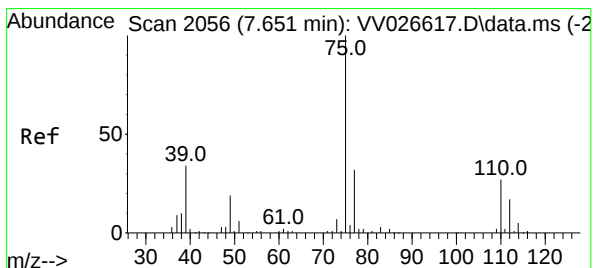
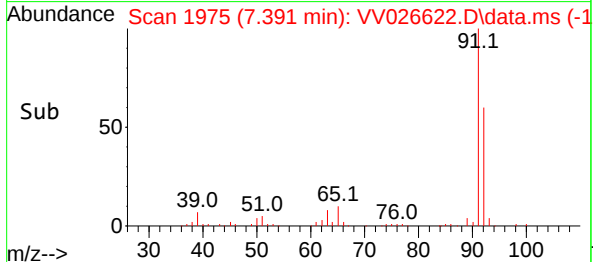
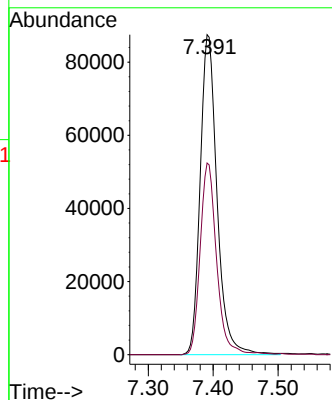
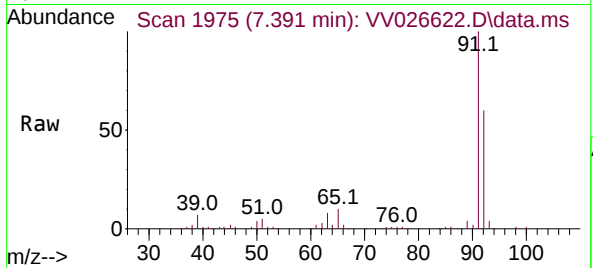




#42
Toluene
Concen: 2.511 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

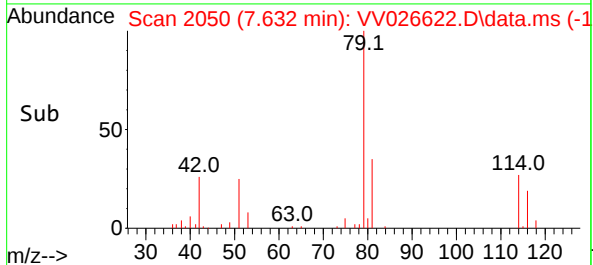
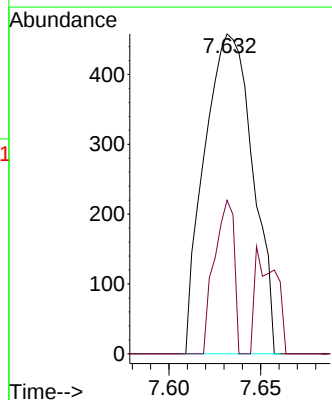
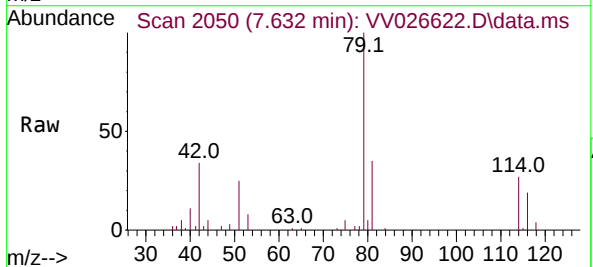
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

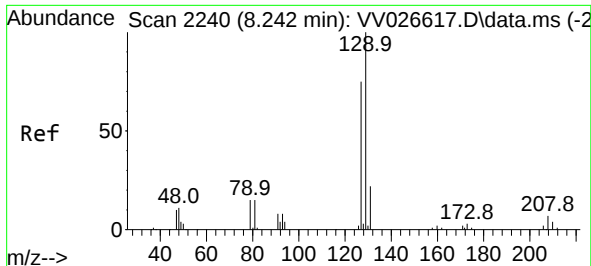
Tgt Ion: 91 Resp: 158309
Ion Ratio Lower Upper
91 100
92 59.9 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.632 min Scan# 2050
Delta R.T. -0.019 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
77 48.0 23.1 42.9#





#49

Dibromochloromethane

Concen: 4.431 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV026622.D

Acq: 01 Jul 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

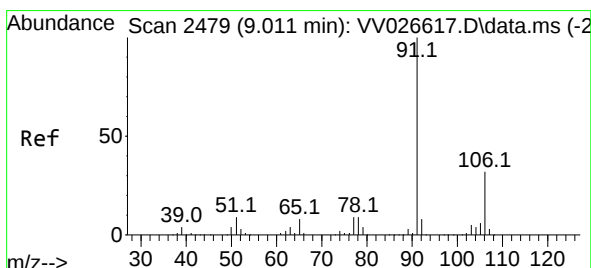
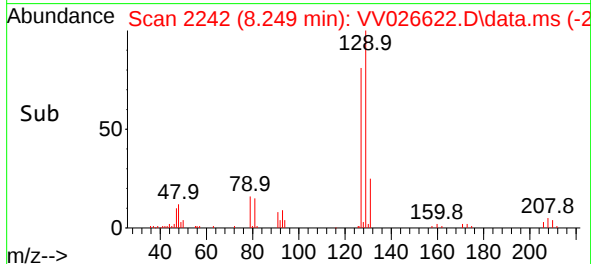
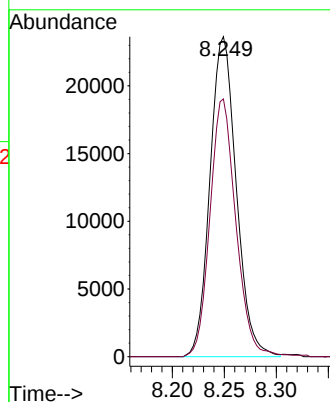
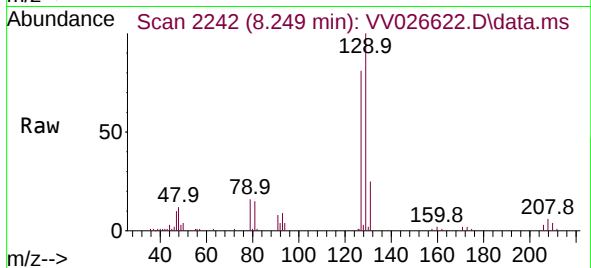
C0AH8

Tgt Ion:129 Resp: 41651

Ion Ratio Lower Upper

129 100

127 80.5 54.2 100.6



#52

Ethylbenzene

Concen: 0.095 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV026622.D

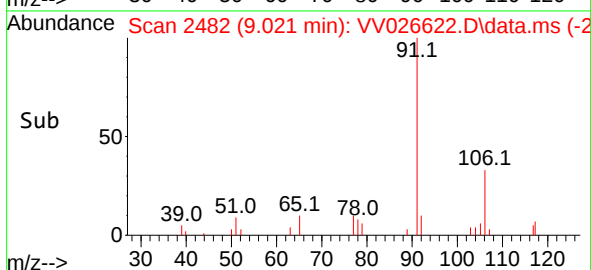
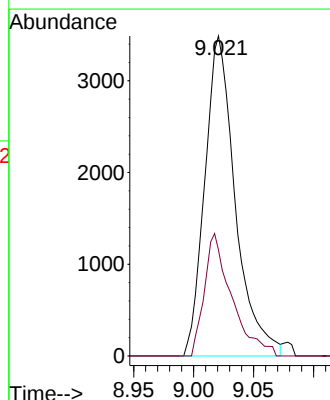
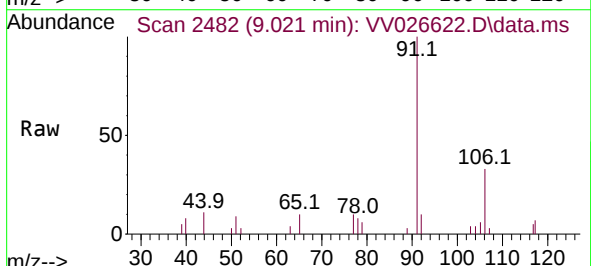
Acq: 01 Jul 2022 11:53

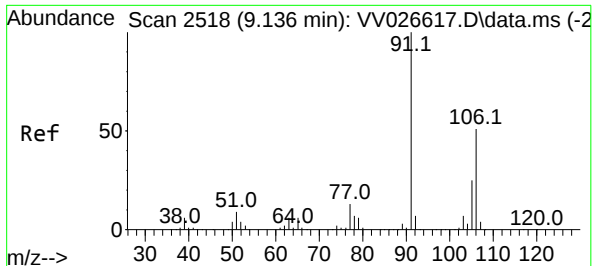
Tgt Ion: 91 Resp: 6164

Ion Ratio Lower Upper

91 100

106 33.1 22.1 41.1

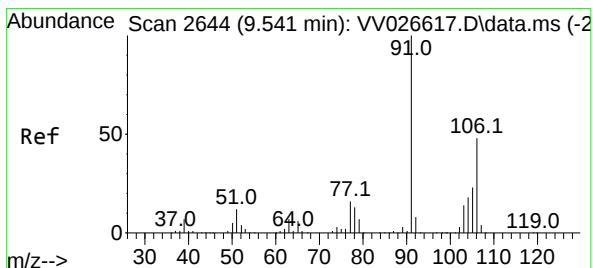
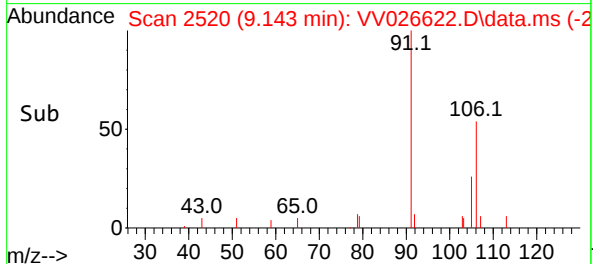
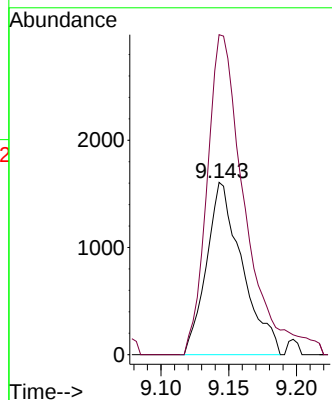
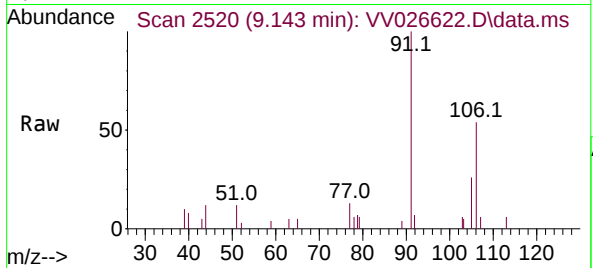




#53
m,p-Xylene
Concen: 0.116 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

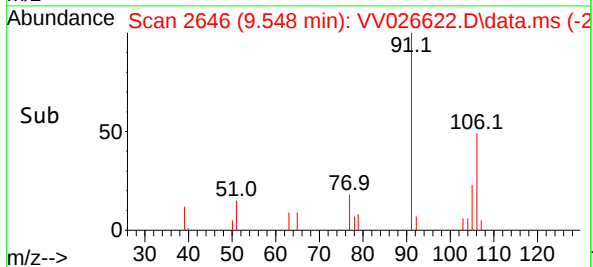
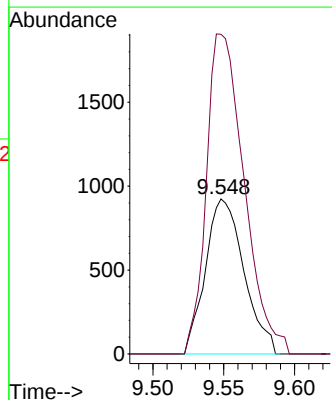
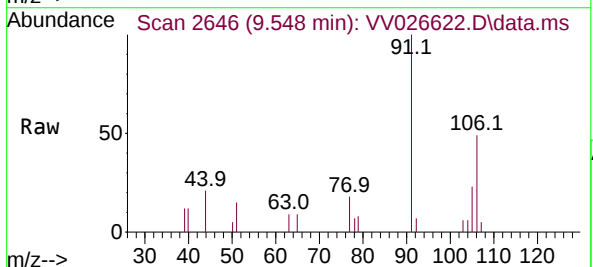
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

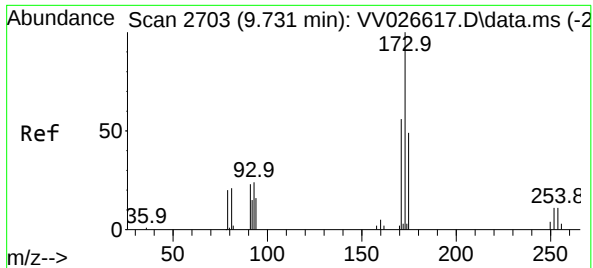
Tgt Ion:106 Resp: 2941
Ion Ratio Lower Upper
106 100
91 185.7 139.9 259.9



#54
o-Xylene
Concen: 0.073 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Tgt Ion:106 Resp: 1746
Ion Ratio Lower Upper
106 100
91 206.2 147.5 273.9

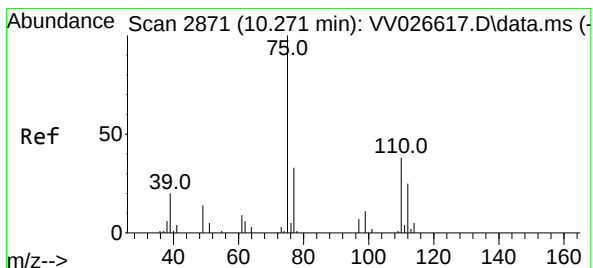
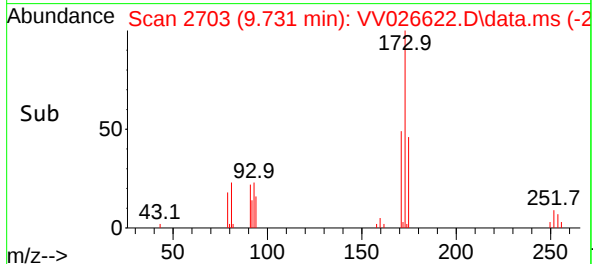
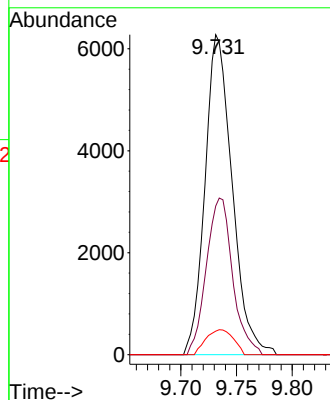
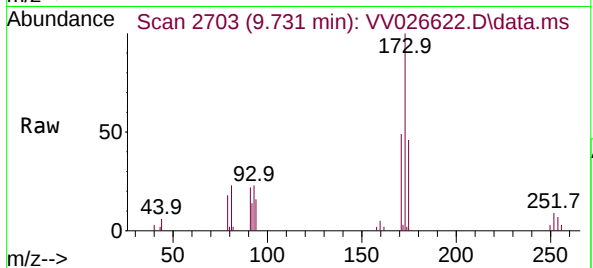




#59
Bromoform
Concen: 3.180 ug/L
RT: 9.731 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

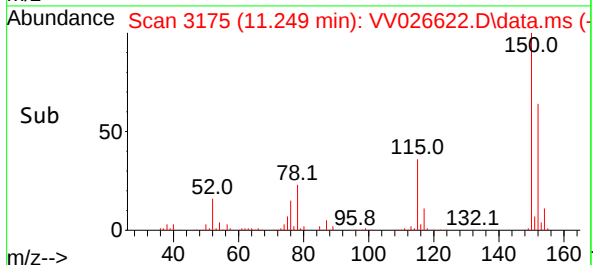
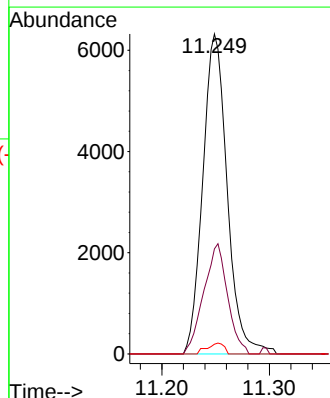
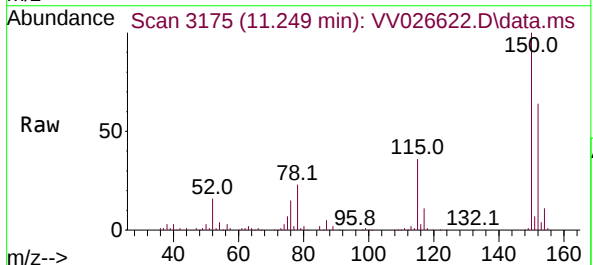
Instrument :
MSVOA_V
ClientSampleId :
C0AH8

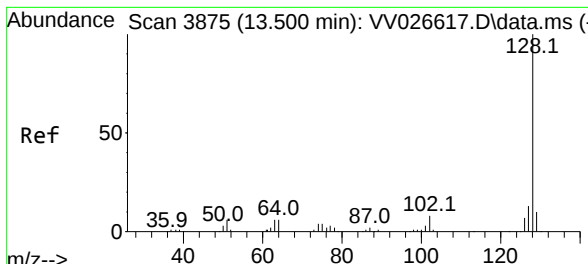
Tgt Ion:173 Resp: 10629
Ion Ratio Lower Upper
173 100
175 47.4 37.9 56.9
254 7.8 6.3 9.5



#61
1,2,3-Trichloropropane
Concen: 1.702 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

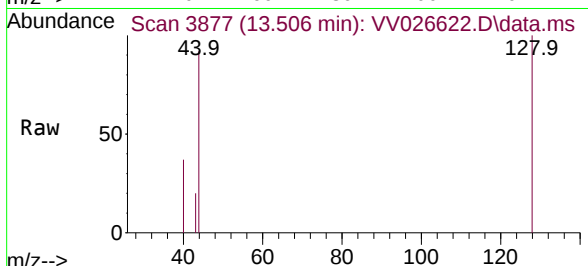
Tgt Ion: 75 Resp: 9994
Ion Ratio Lower Upper
75 100
77 33.6 25.8 38.6
110 2.3 32.5 48.7#





#71
Naphthalene
Concen: 0.060 ug/L
RT: 13.506 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV026622.D
Acq: 01 Jul 2022 11:53

Instrument :
MSVOA_V
ClientSampleId :
C0AH8



Tgt Ion:	128	Resp:	1086
Ion	Ratio	Lower	Upper
128	100		
129	1.8	8.6	12.8#
127	0.0	10.2	15.4#

