

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030327.D
 Acq On : 29 Mar 2023 15:17
 Operator : SY/MD
 Sample : 02099-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA7

Quant Time: Mar 30 02:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

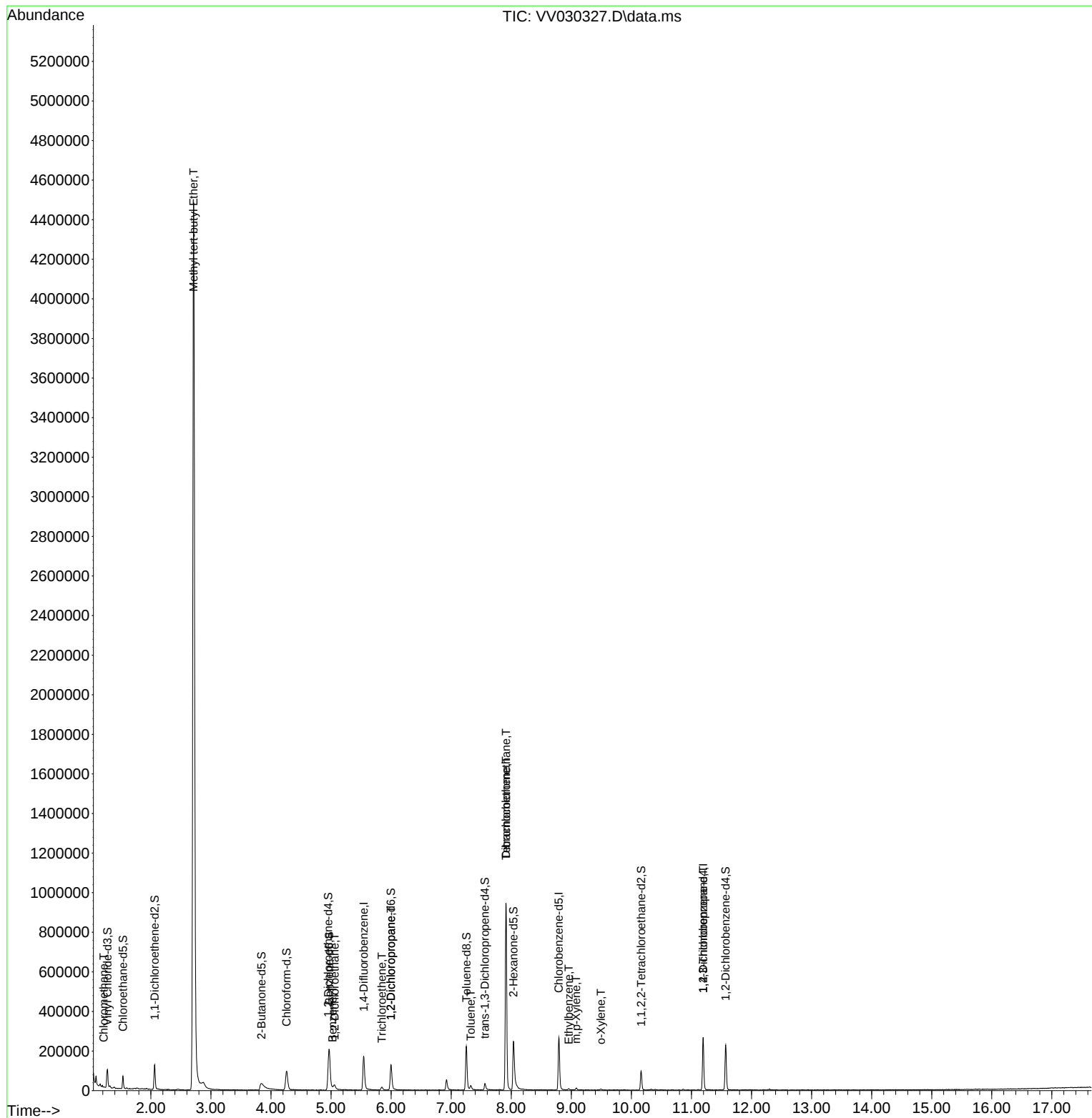
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	143541	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	145752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39487	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.536	69	40870	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.063	63	67328	2.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.841	46	112900	45.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	4.259	84	103201	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.953	65	52201	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.969	84	181475	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.998	67	61040	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.252	98	149360	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.561	79	20023	4.136	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.037	63	96908	49.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.620%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45357	4.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	58560	4.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2482	0.108	ug/L	88
17) Methyl tert-butyl Ether	2.712	73	4557508	179.419	ug/L	100
27) 1,2-Dichloroethane	5.059	62	22658	1.514	ug/L	99
33) Benzene	5.024	78	8817	0.170	ug/L	100
34) Trichloroethene	5.847	95	5188	0.372	ug/L	94
37) 1,2-Dichloropropane	5.998	63	7227	0.544	ug/L #	87
42) Toluene	7.326	91	14598	0.265	ug/L	95
47) Tetrachloroethene	7.915	164	209300	16.986	ug/L	96
49) Dibromochloromethane	7.911	129	181847	16.325	ug/L #	12
52) Ethylbenzene	8.956	91	4379	0.073	ug/L	97
53) m,p-Xylene	9.082	106	2455	0.106	ug/L	92
54) o-Xylene	9.490	106	1336	0.060	ug/L	79
61) 1,2,3-Trichloropropane	11.194	75	8008	1.273	ug/L #	62

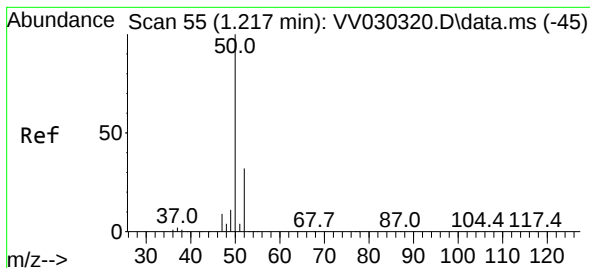
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.108 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030327.D

Acq: 29 Mar 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :

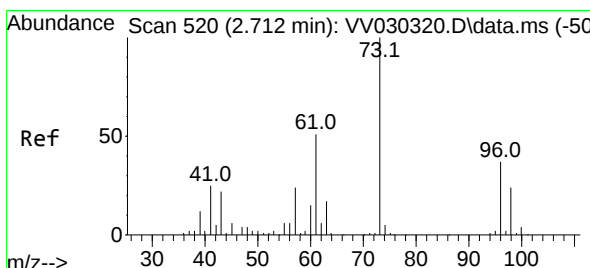
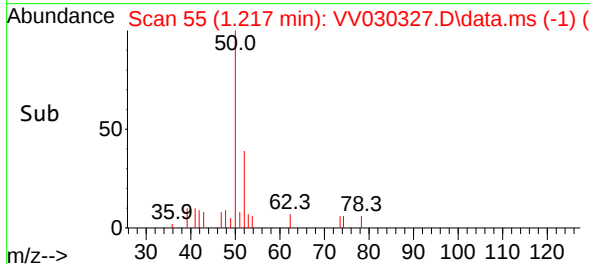
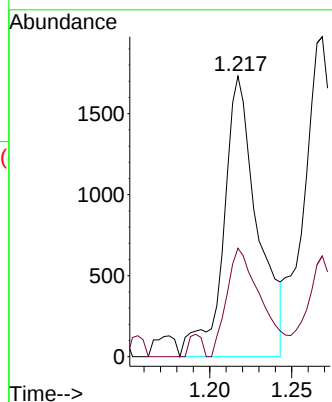
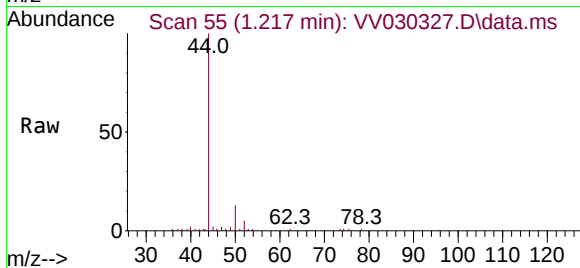
H0AA7

Tgt Ion: 50 Resp: 2482

Ion Ratio Lower Upper

50 100

52 38.7 22.3 41.5



#17

Methyl tert-butyl Ether

Concen: 179.419 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.000 min

Lab File: VV030327.D

Acq: 29 Mar 2023 15:17

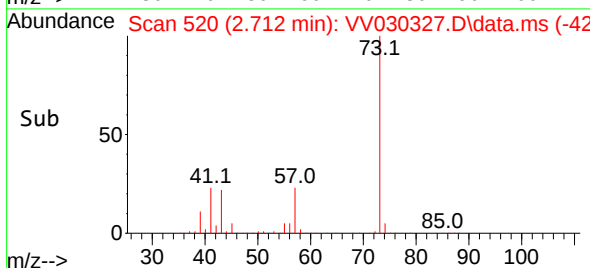
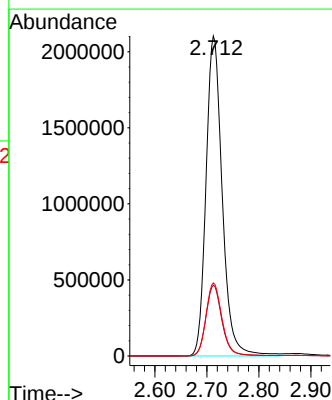
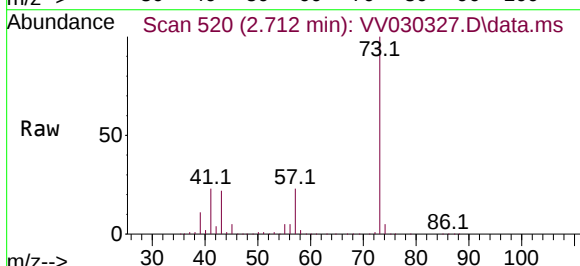
Tgt Ion: 73 Resp: 4557508

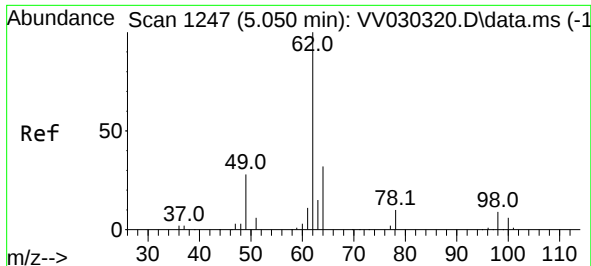
Ion Ratio Lower Upper

73 100

43 21.9 17.4 26.2

57 22.7 18.3 27.5

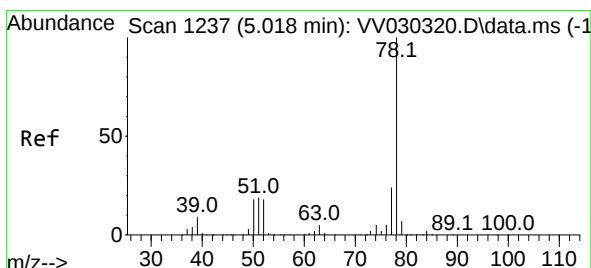
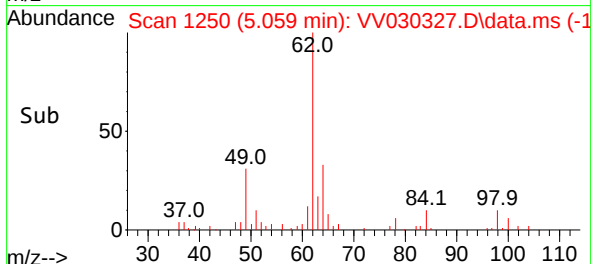
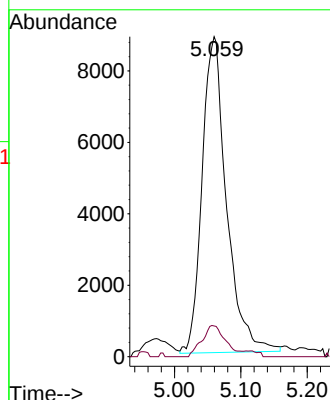
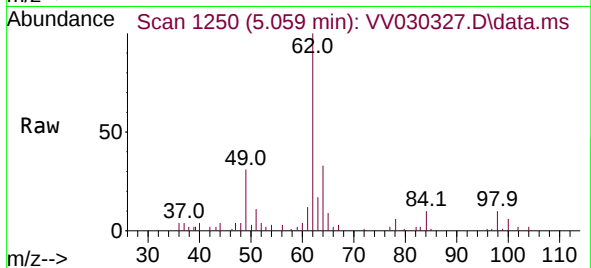




#27
1,2-Dichloroethane
Concen: 1.514 ug/L
RT: 5.059 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030327.D
Acq: 29 Mar 2023 15:17

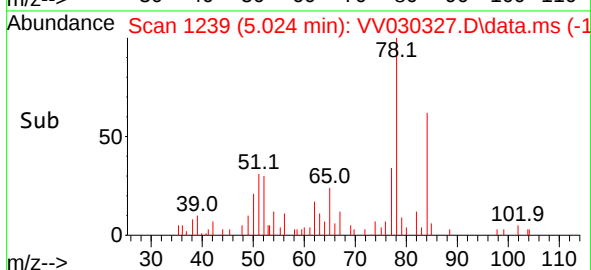
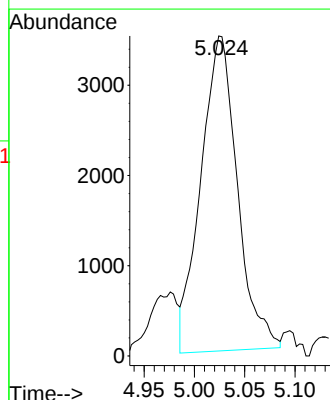
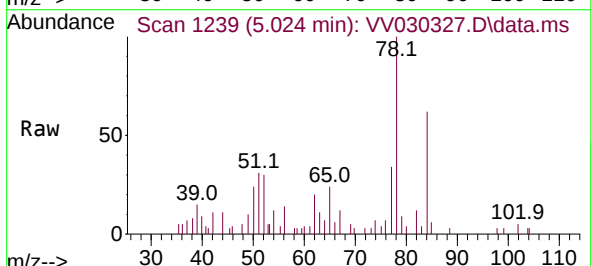
Instrument :
MSVOA_V
ClientSampleId :
H0AA7

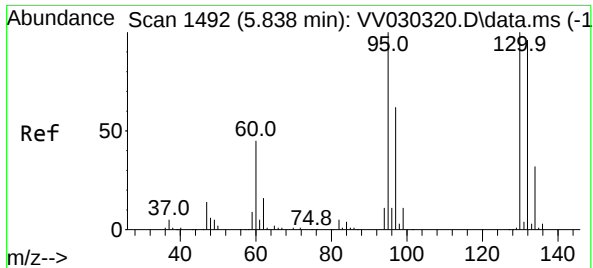
Tgt Ion: 62 Resp: 22658
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8



#33
Benzene
Concen: 0.170 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VV030327.D
Acq: 29 Mar 2023 15:17

Tgt Ion: 78 Resp: 8817

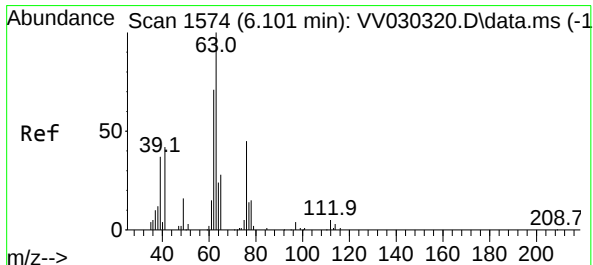
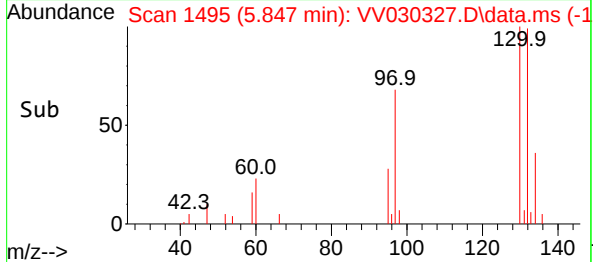
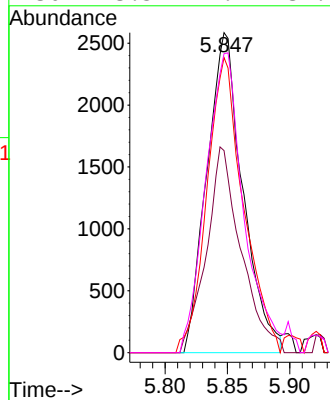
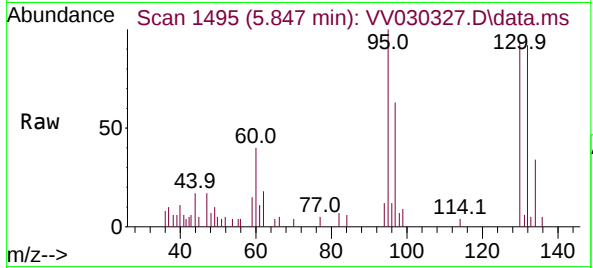




#34
 Trichloroethene
 Concen: 0.372 ug/L
 RT: 5.847 min Scan# 1495
 Delta R.T. 0.010 min
 Lab File: VV030327.D
 Acq: 29 Mar 2023 15:17

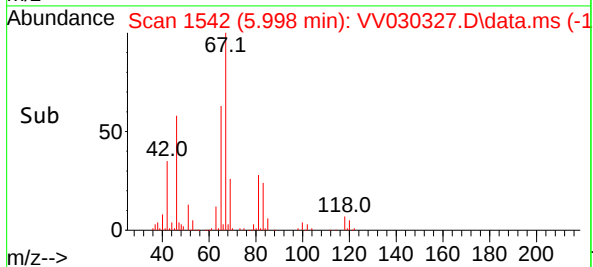
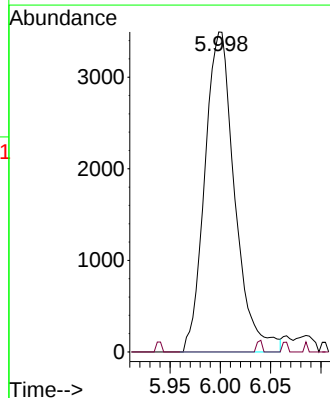
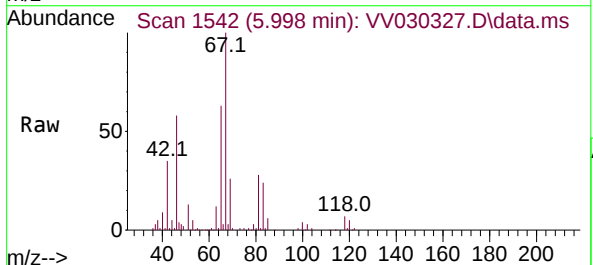
Instrument :
 MSVOA_V
 ClientSampleId :
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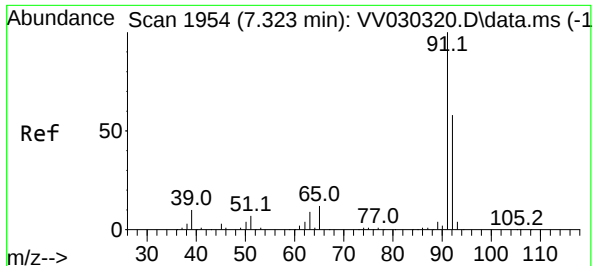
Tgt Ion: 95	Resp: 5188
Ion Ratio	Lower Upper
95 100	
97 63.1	44.2 82.2
132 92.2	69.5 129.1
130 93.5	72.2 134.0



#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 5.998 min Scan# 1542
 Delta R.T. -0.103 min
 Lab File: VV030327.D
 Acq: 29 Mar 2023 15:17

Tgt Ion: 63	Resp: 7227
Ion Ratio	Lower Upper
63 100	
112 0.6	3.9 5.9#





#42

Toluene

Concen: 0.265 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030327.D

Acq: 29 Mar 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :

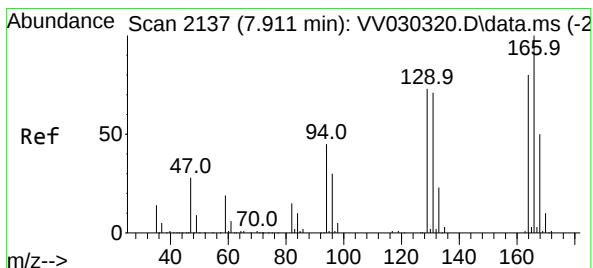
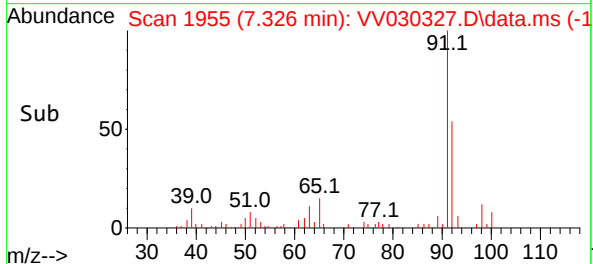
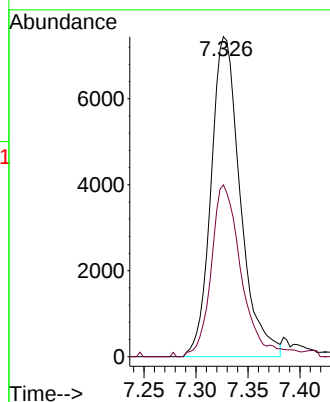
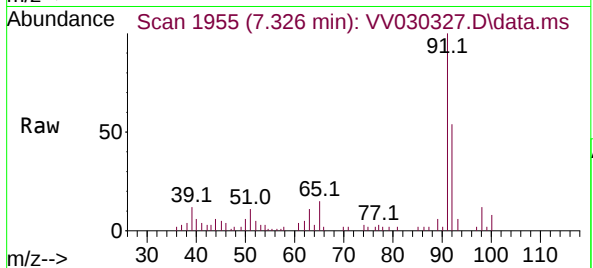
H0AA7

Tgt Ion: 91 Resp: 14598

Ion Ratio Lower Upper

91 100

92 53.7 40.4 75.0



#47

Tetrachloroethene

Concen: 16.986 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030327.D

Acq: 29 Mar 2023 15:17

Tgt Ion: 164 Resp: 209300

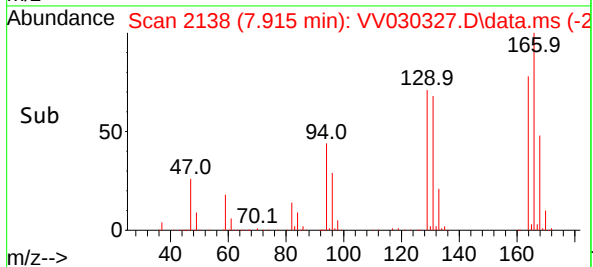
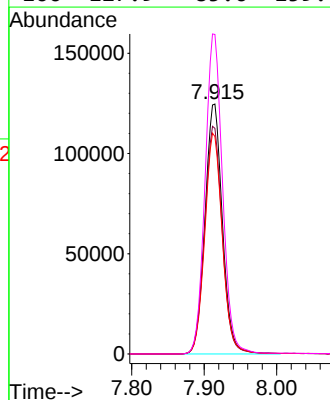
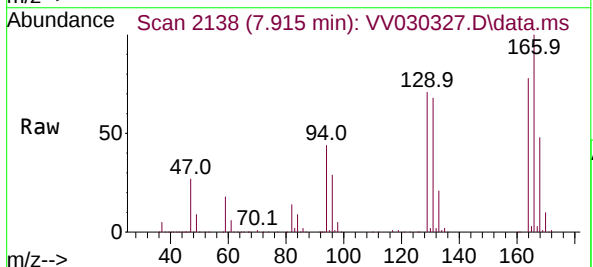
Ion Ratio Lower Upper

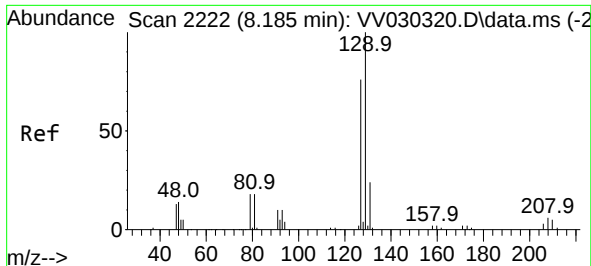
164 100

129 90.3 60.8 112.8

131 87.1 61.7 114.7

166 127.9 85.6 159.0





#49

Dibromochloromethane

Concen: 16.325 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030327.D

Acq: 29 Mar 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :

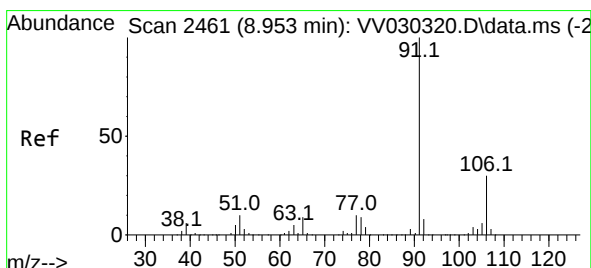
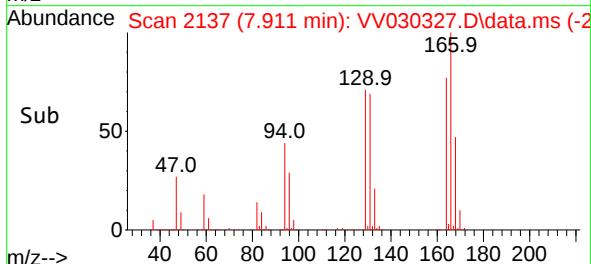
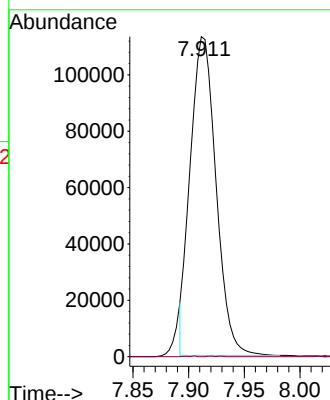
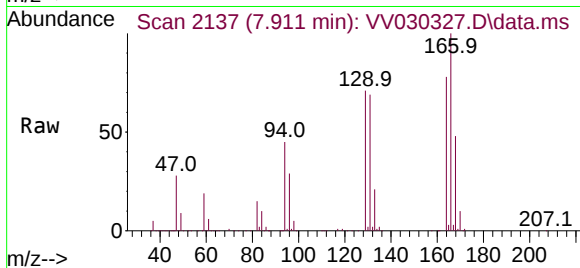
H0AA7

Tgt Ion:129 Resp: 181847

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#52

Ethylbenzene

Concen: 0.073 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.003 min

Lab File: VV030327.D

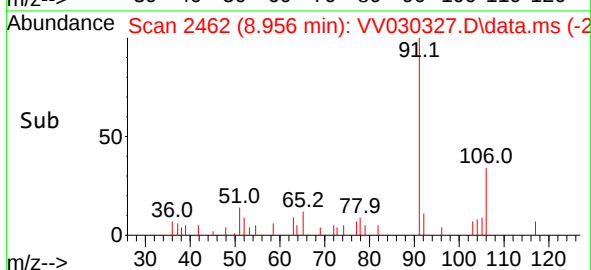
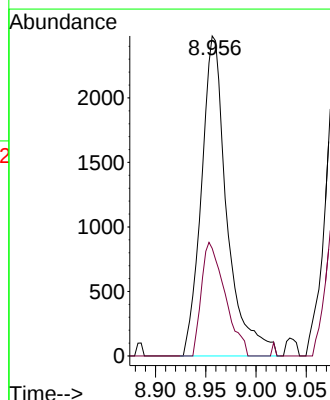
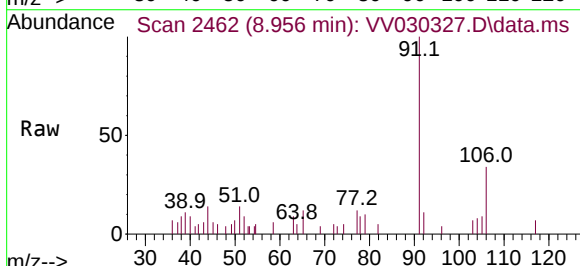
Acq: 29 Mar 2023 15:17

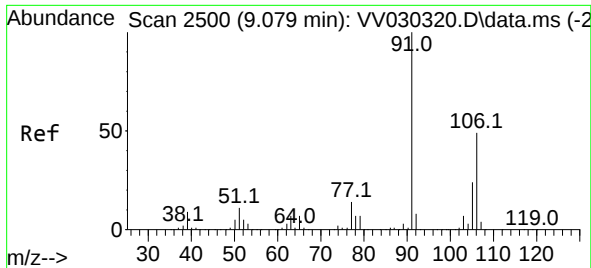
Tgt Ion: 91 Resp: 4379

Ion Ratio Lower Upper

91 100

106 33.6 22.2 41.2

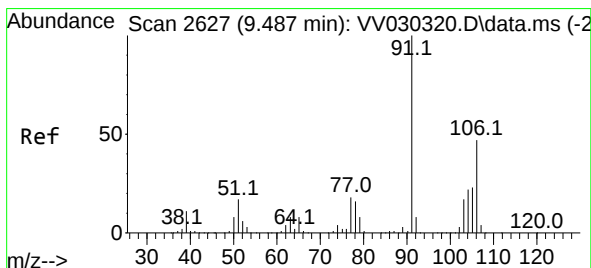
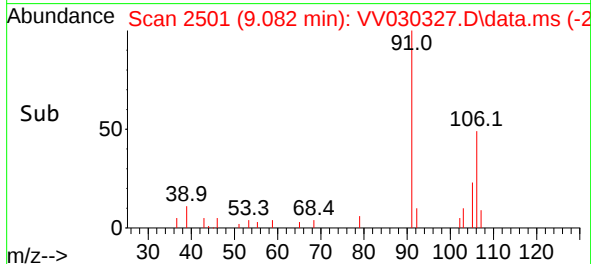
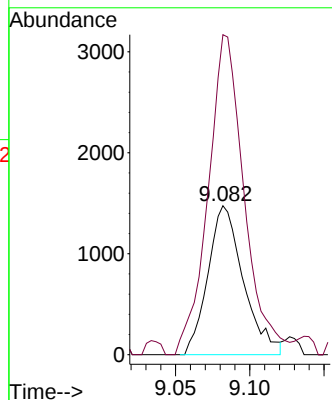
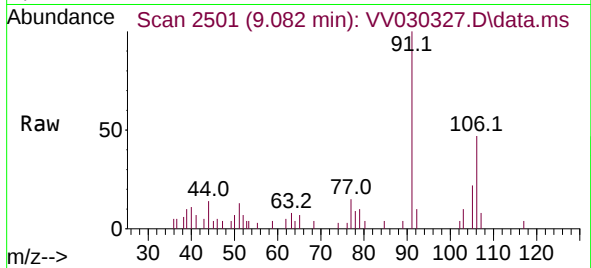




#53
m,p-Xylene
Concen: 0.106 ug/L
RT: 9.082 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV030327.D
Acq: 29 Mar 2023 15:17

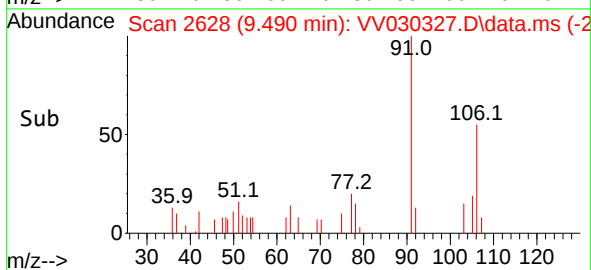
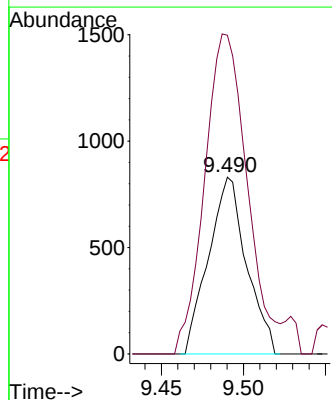
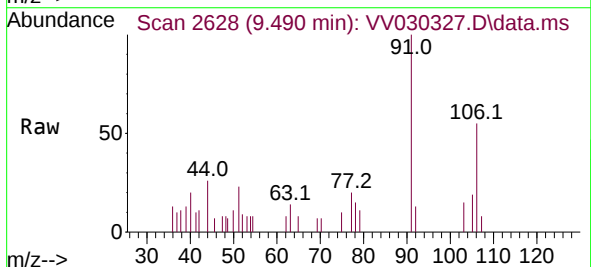
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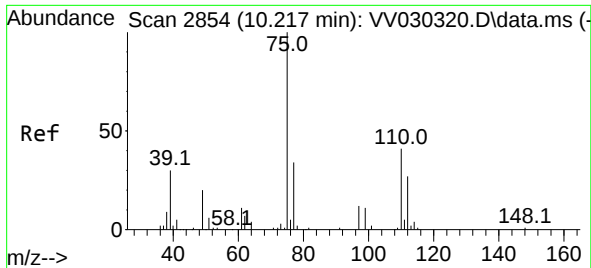
Tgt Ion:106 Resp: 2455
Ion Ratio Lower Upper
106 100
91 214.9 142.4 264.4



#54
o-Xylene
Concen: 0.060 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV030327.D
Acq: 29 Mar 2023 15:17

Tgt Ion:106 Resp: 1336
Ion Ratio Lower Upper
106 100
91 180.3 149.8 278.2





#61
 1,2,3-Trichloropropane
 Concen: 1.273 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV030327.D
 Acq: 29 Mar 2023 15:17

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA7

Tgt Ion: 75 Resp: 8008
 Ion Ratio Lower Upper
 75 100
 77 39.3 26.0 39.0#
 110 3.3 31.6 47.4#

