

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030328.D
 Acq On : 29 Mar 2023 15:41
 Operator : SY/MD
 Sample : 02099-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA8

Quant Time: Mar 30 02:11:42 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	176528	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	170655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	38185	3.266	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.535	69	40252	3.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.063	63	67275	2.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.400%#
20) 2-Butanone-d5	3.838	46	120417	39.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.700%
24) Chloroform-d	4.262	84	103720	3.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	4.953	65	53534	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	4.969	84	193405	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.998	67	64635	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.252	98	165135	3.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.561	79	22481	3.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.037	63	100640	44.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.360%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46802	3.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	61832	4.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2774	0.098	ug/L	95
13) Acetone	2.088	43	17398	6.021	ug/L	71
15) Methyl Acetate	2.442	43	64347	12.461	ug/L #	47
17) Methyl tert-butyl Ether	2.712	73	2192813	70.195	ug/L	100
27) 1,2-Dichloroethane	5.050	62	511856	27.810	ug/L	98
30) Cyclohexane	4.680	56	110780	4.433	ug/L #	22
33) Benzene	5.024	78	37809	0.624	ug/L	100
35) Methylcyclohexane	6.037	83	22375	0.872	ug/L #	40
38) Bromodichloromethane	6.390	83	3800	0.186	ug/L #	45
42) Toluene	7.326	91	56160	0.870	ug/L	99
45) 1,1,2-Trichloroethane	7.725	97	4682	0.427	ug/L #	20
47) Tetrachloroethene	7.918	164	2219	0.154	ug/L	90
52) Ethylbenzene	8.956	91	14189	0.201	ug/L	97
53) m,p-Xylene	9.082	106	10920	0.404	ug/L	97
54) o-Xylene	9.490	106	4909	0.190	ug/L	97
61) 1,2,3-Trichloropropane	11.194	75	9826	1.337	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.860	105	7430	0.147	ug/L	93

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Quant Time: Mar 30 02:11:42 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

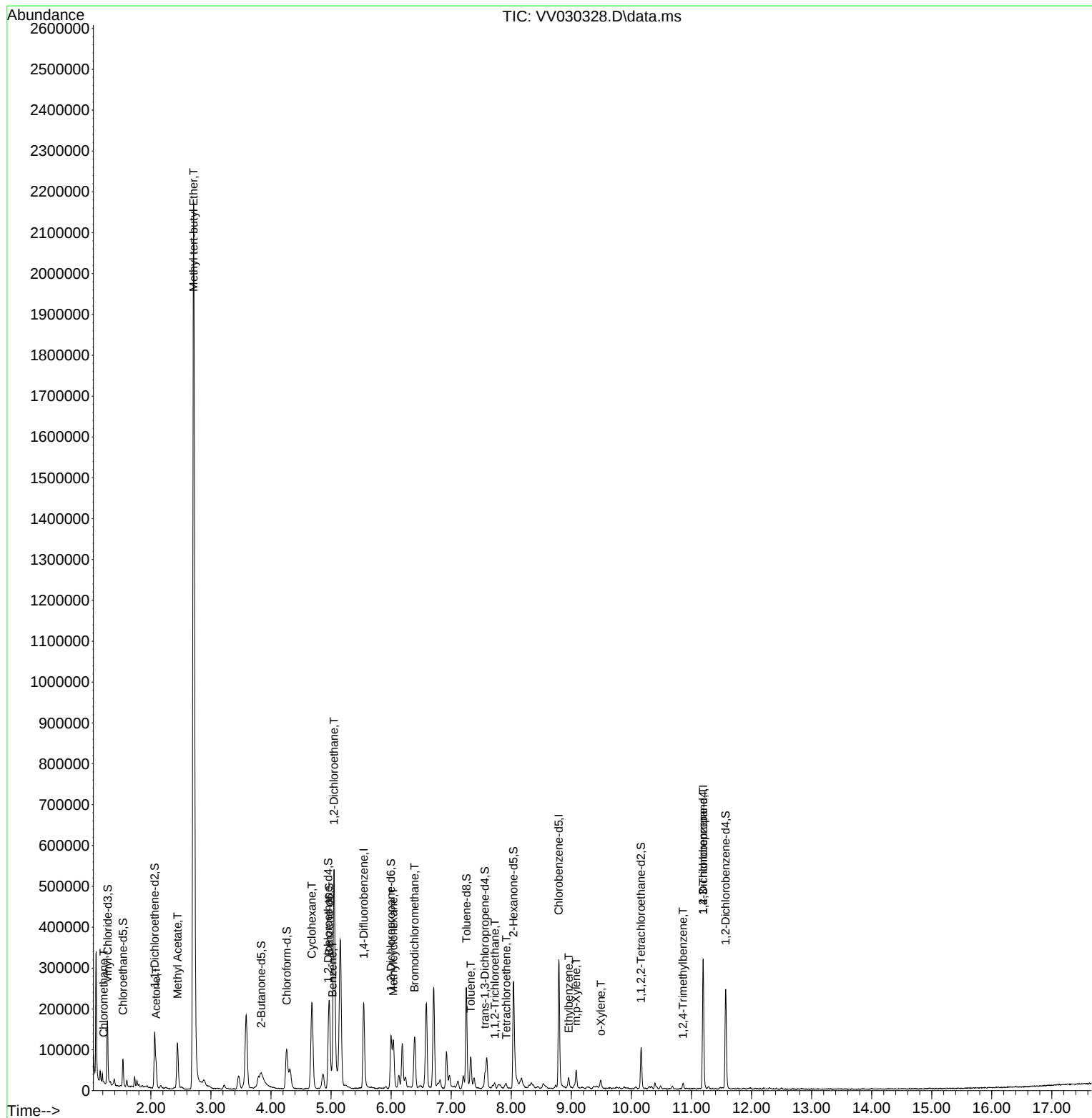
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

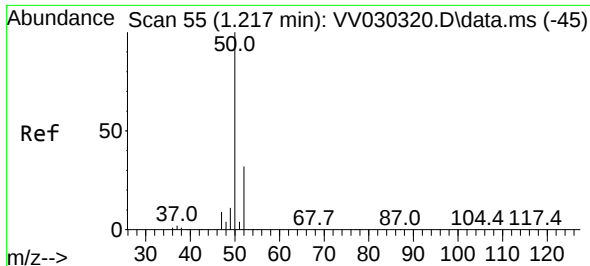
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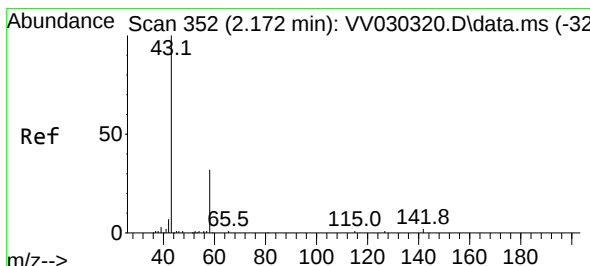
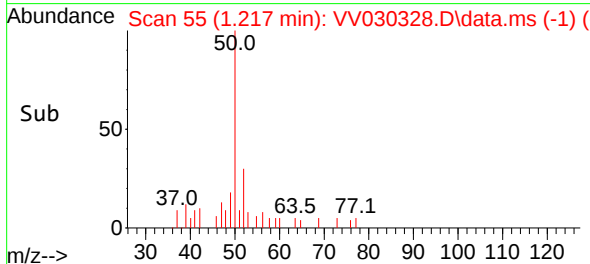
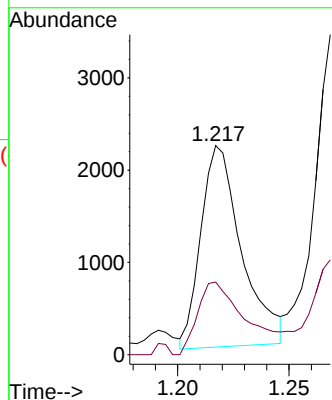
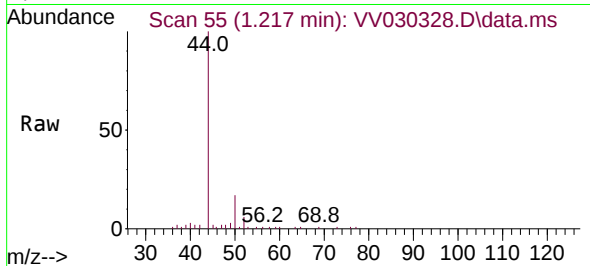




#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

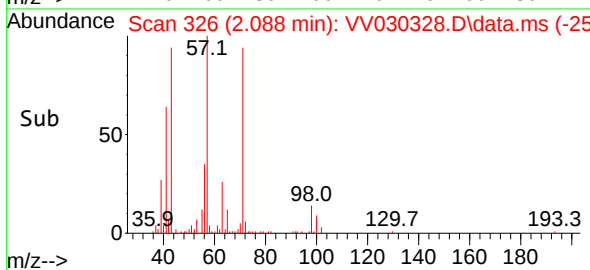
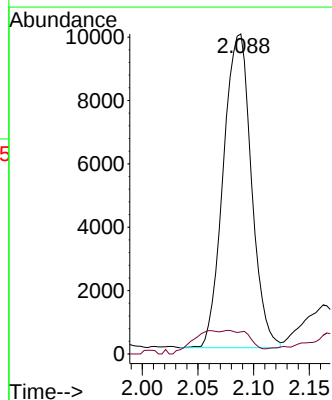
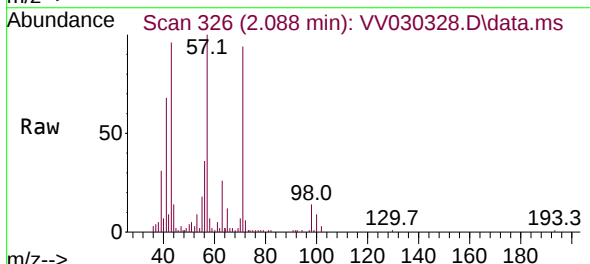
Instrument :
MSVOA_V
ClientSampleId :
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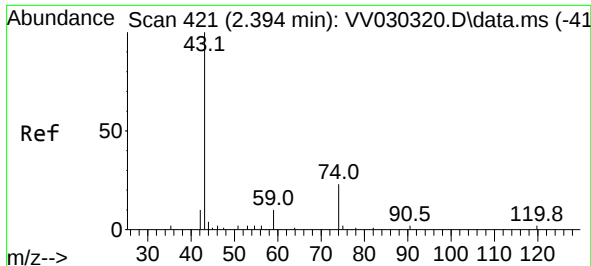
Tgt Ion: 50 Resp: 2774
Ion Ratio Lower Upper
50 100
52 34.7 22.3 41.5



#13
Acetone
Concen: 6.021 ug/L
RT: 2.088 min Scan# 326
Delta R.T. -0.084 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion: 43 Resp: 17398
Ion Ratio Lower Upper
43 100
58 7.0 0.0 40.8

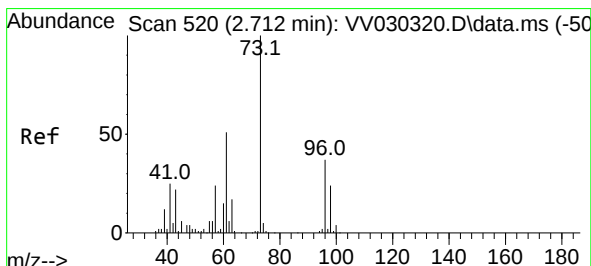
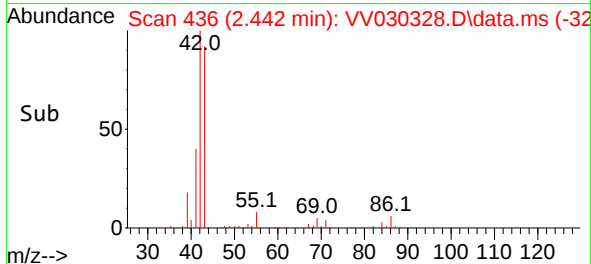
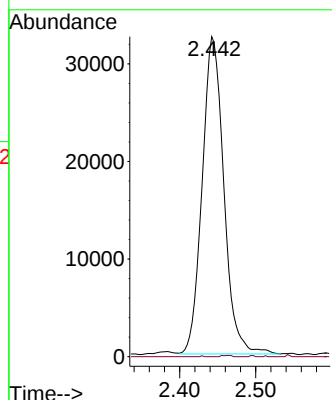
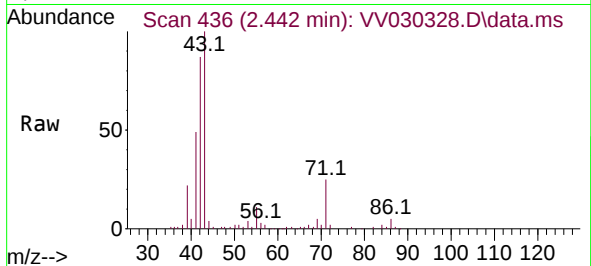




#15
Methyl Acetate
Concen: 12.461 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.048 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

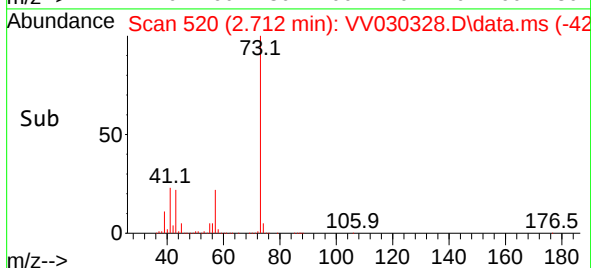
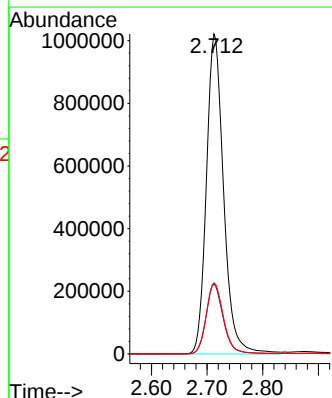
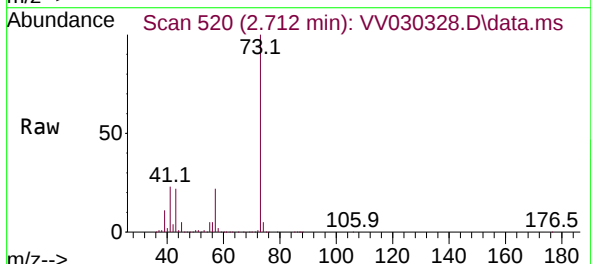
Instrument :
MSVOA_V
ClientSampleId :
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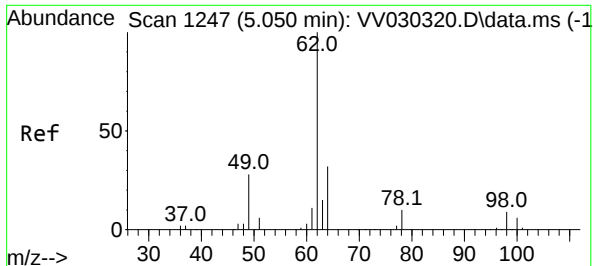
Tgt Ion: 43 Resp: 64347
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



#17
Methyl tert-butyl Ether
Concen: 70.195 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion: 73 Resp: 2192813
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.2
57 22.7 18.3 27.5





#27

1,2-Dichloroethane

Concen: 27.810 ug/L

RT: 5.050 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV030328.D

Acq: 29 Mar 2023 15:41

Instrument :

MSVOA_V

ClientSampleId :

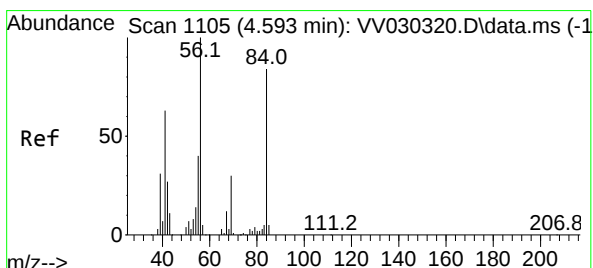
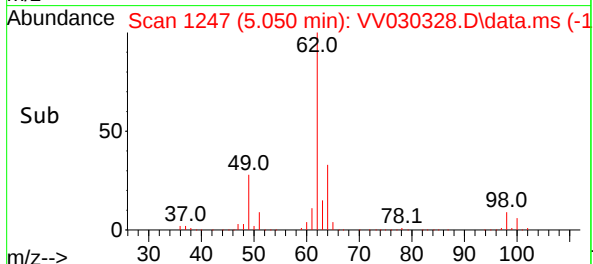
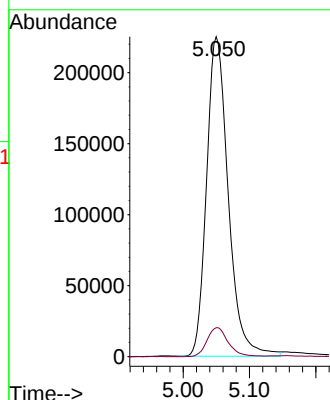
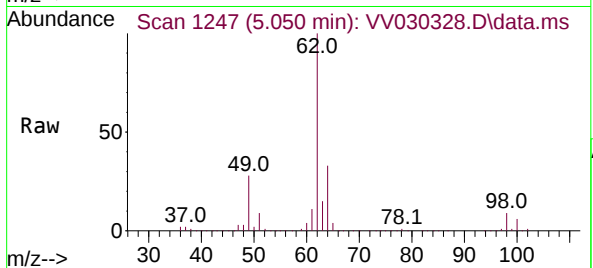
H0AA8

Tgt Ion: 62 Resp: 511856

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.8



#30

Cyclohexane

Concen: 4.433 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.087 min

Lab File: VV030328.D

Acq: 29 Mar 2023 15:41

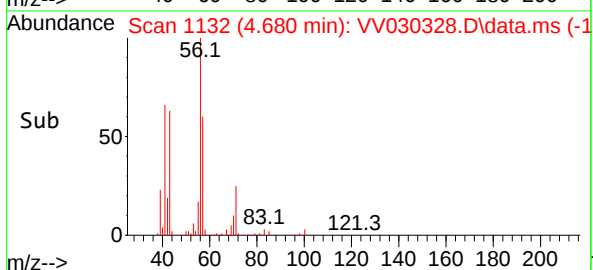
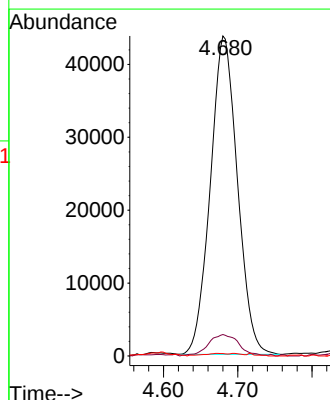
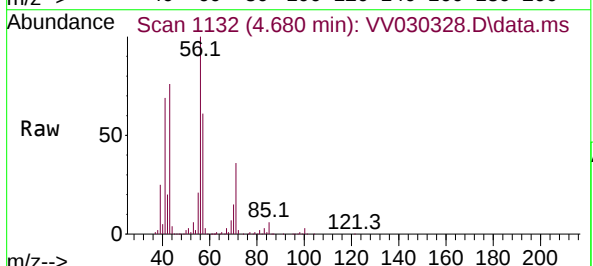
Tgt Ion: 56 Resp: 110780

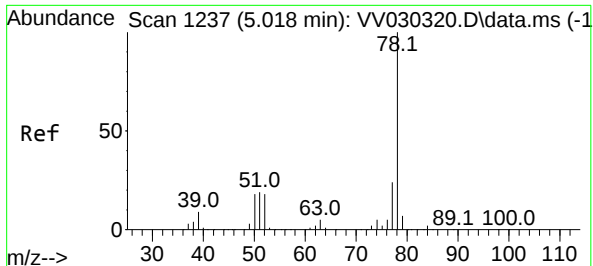
Ion Ratio Lower Upper

56 100

69 7.6 24.2 36.2#

84 0.7 66.6 100.0#

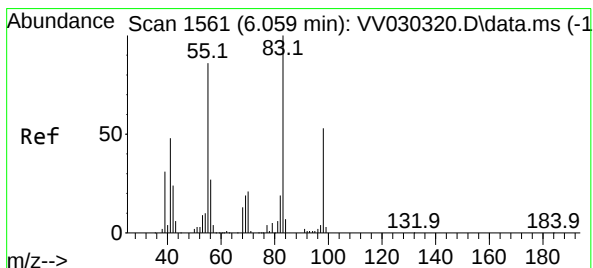
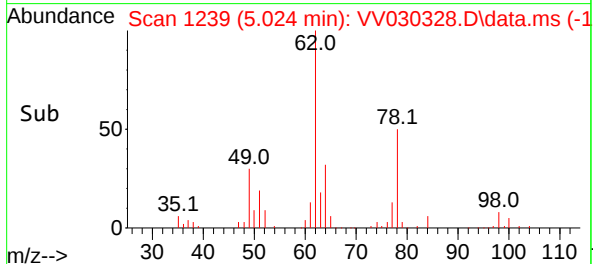
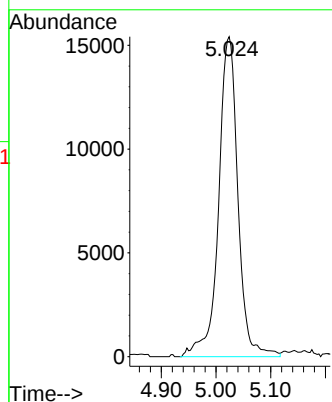
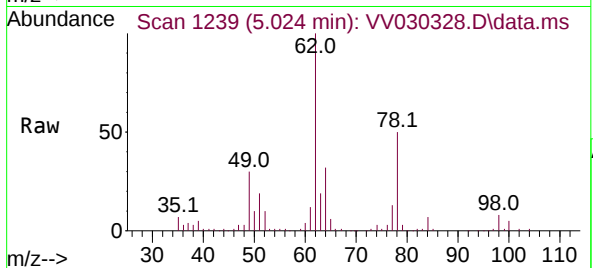




#33
Benzene
Concen: 0.624 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

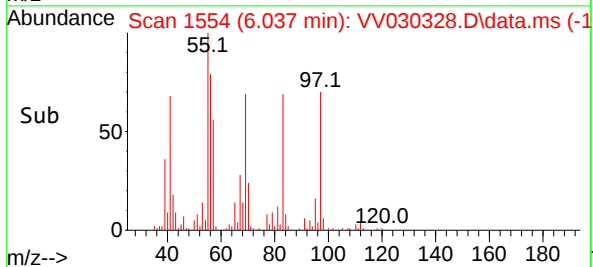
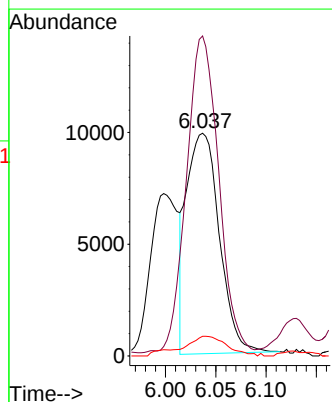
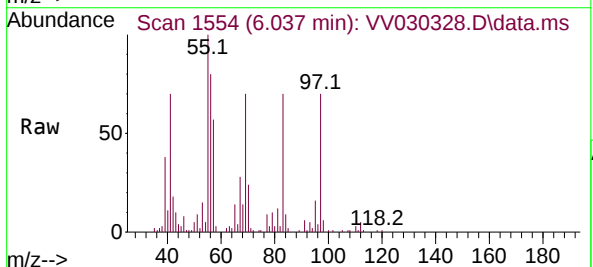
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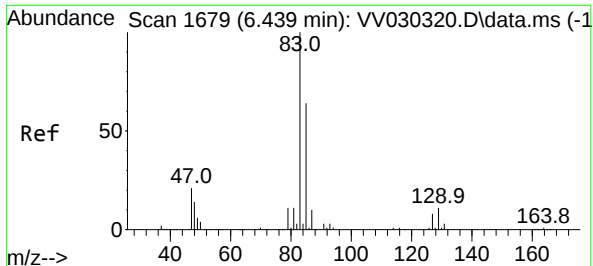
Tgt Ion: 78 Resp: 37809



#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.037 min Scan# 1554
Delta R.T. -0.023 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion: 83 Resp: 22375
Ion Ratio Lower Upper
83 100
55 141.5 66.6 100.0#
98 12.2 38.6 58.0#

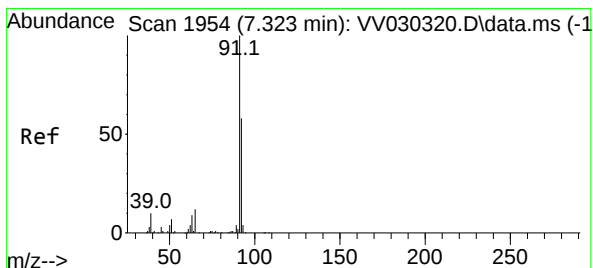
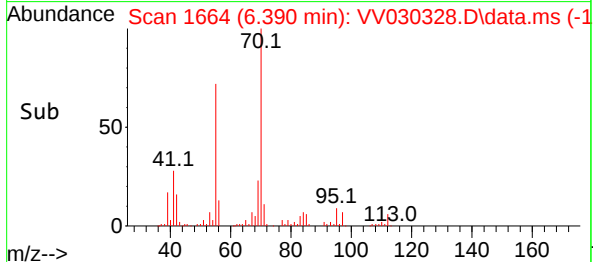
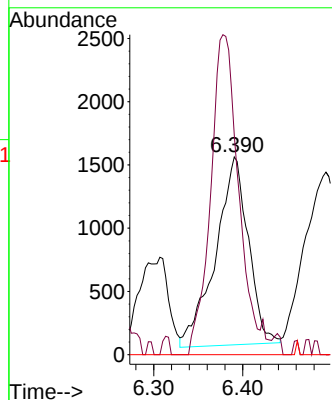
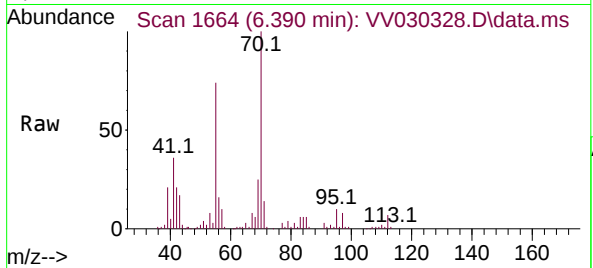




#38
Bromodichloromethane
Concen: 0.186 ug/L
RT: 6.390 min Scan# 1664
Delta R.T. -0.048 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

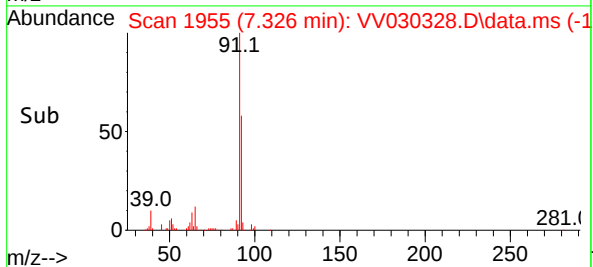
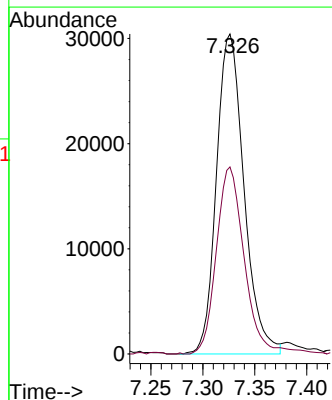
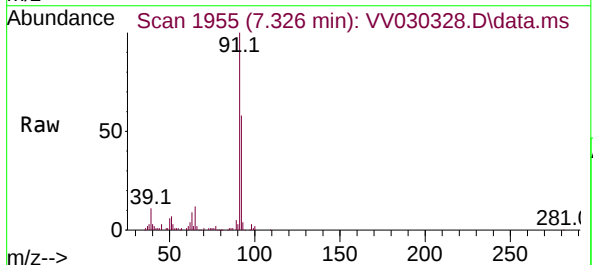
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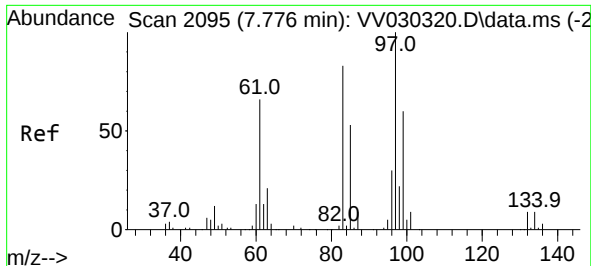
Tgt Ion: 83 Resp: 3800
Ion Ratio Lower Upper
83 100
85 111.0 45.3 84.1#
127 0.0 7.0 10.4#



#42
Toluene
Concen: 0.870 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion: 91 Resp: 56160
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0

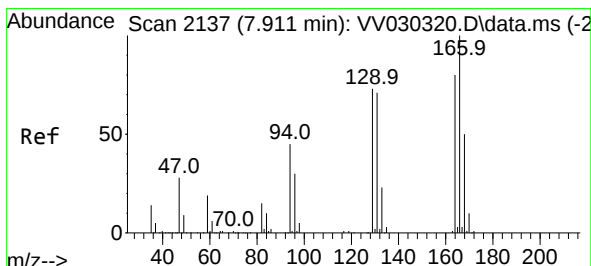
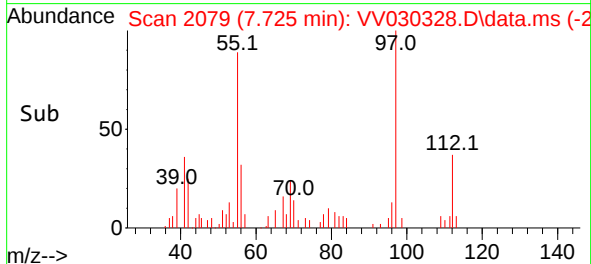
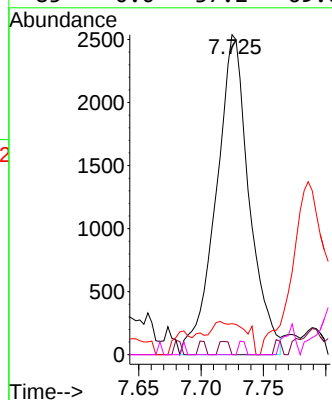
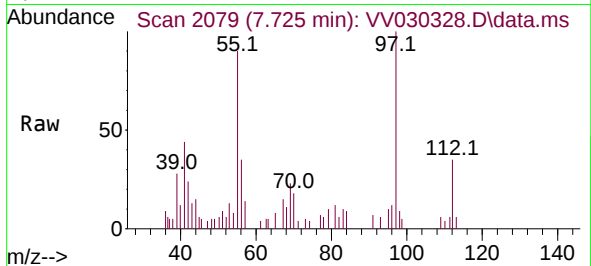




#45
1,1,2-Trichloroethane
Concen: 0.427 ug/L
RT: 7.725 min Scan# 2095
Delta R.T. -0.052 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

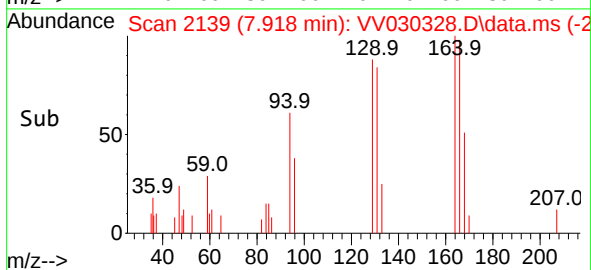
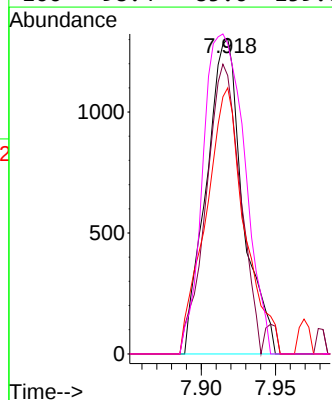
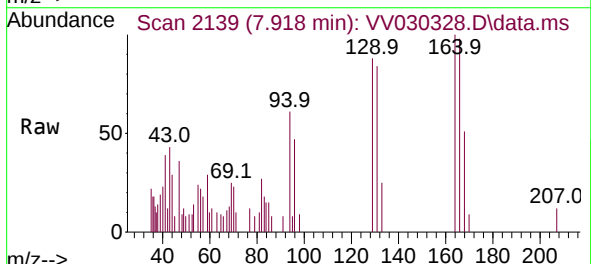
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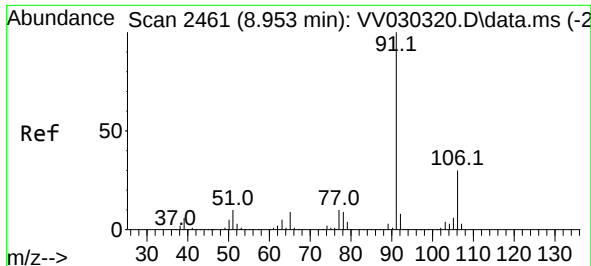
Tgt Ion:	97	Resp:	4682
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	9.7	58.8	109.2#
85	0.0	37.2	69.0#



#47
Tetrachloroethene
Concen: 0.154 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion:	164	Resp:	2219
Ion	Ratio	Lower	Upper
164	100		
129	88.3	60.8	112.8
131	84.4	61.7	114.7
166	98.4	85.6	159.0

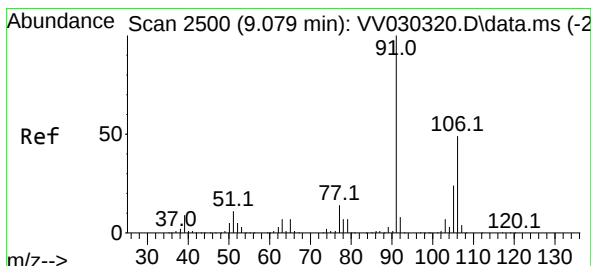
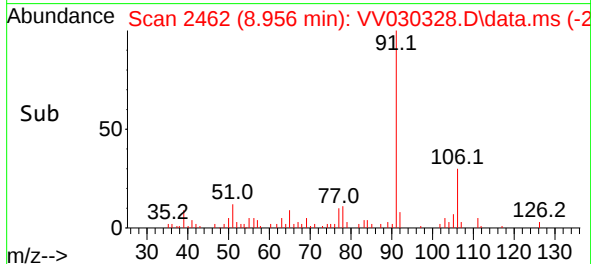
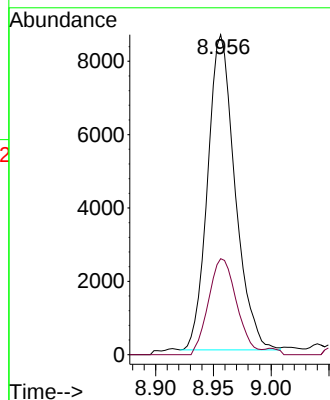
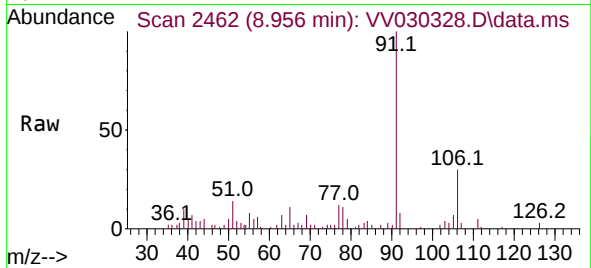




#52
Ethylbenzene
Concen: 0.201 ug/L
RT: 8.956 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

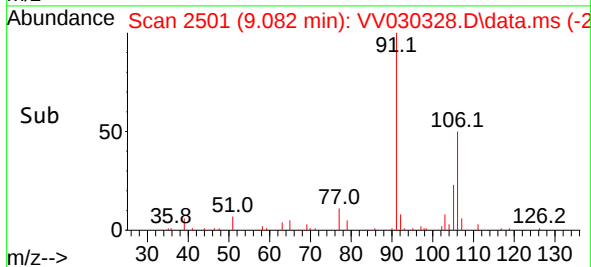
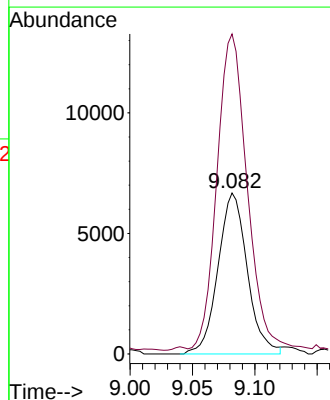
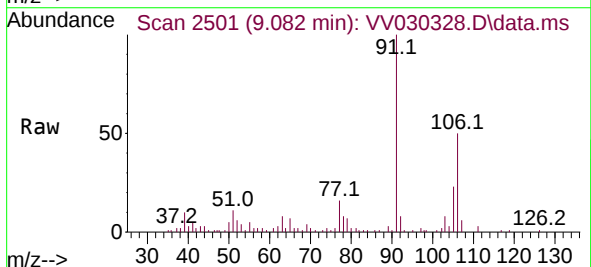
Instrument :
MSVOA_V
ClientSampleId :
H0AA8

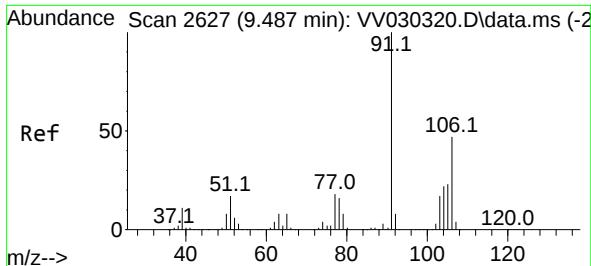
Tgt Ion: 91 Resp: 14189
Ion Ratio Lower Upper
91 100
106 30.0 22.2 41.2



#53
m,p-Xylene
Concen: 0.404 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion: 106 Resp: 10920
Ion Ratio Lower Upper
106 100
91 198.7 142.4 264.4

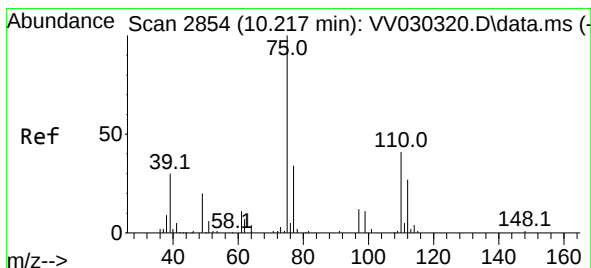
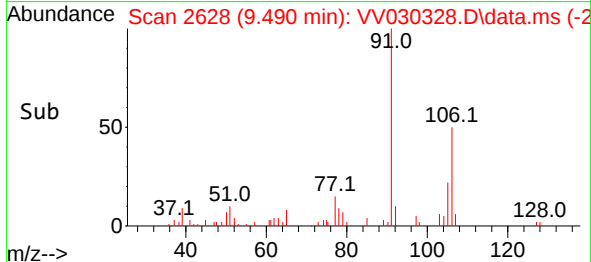
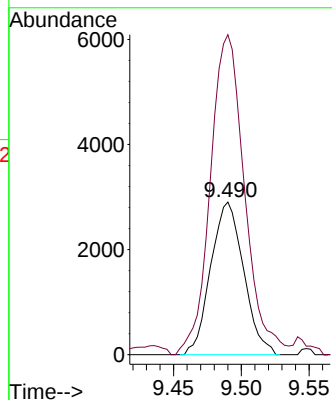
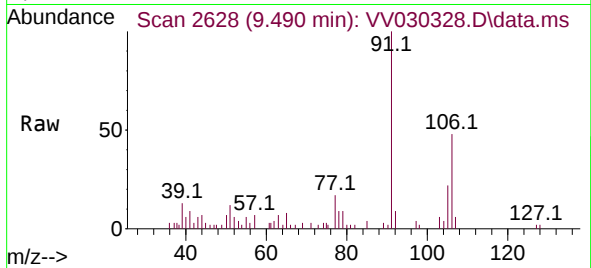




#54
o-Xylene
Concen: 0.190 ug/L
RT: 9.490 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

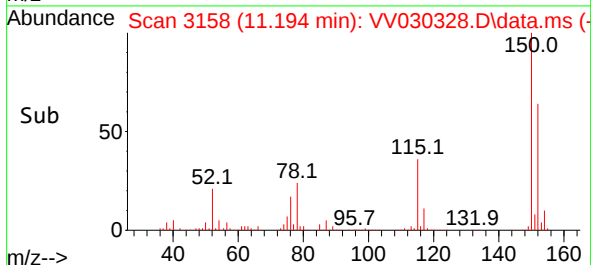
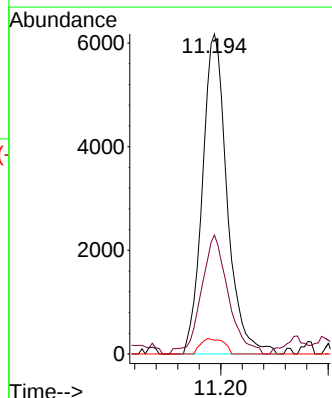
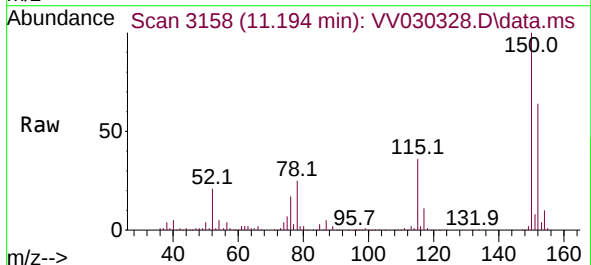
Instrument :
MSVOA_V
ClientSampleId :
H0AA8

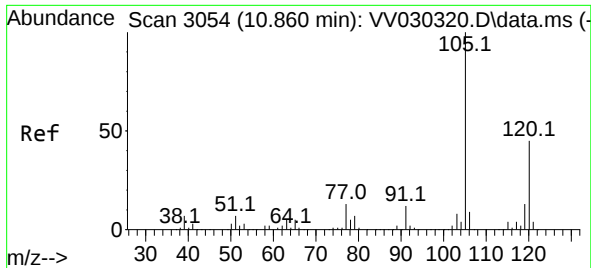
Tgt Ion:106 Resp: 4909
Ion Ratio Lower Upper
106 100
91 209.6 149.8 278.2



#61
1,2,3-Trichloropropane
Concen: 1.337 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030328.D
Acq: 29 Mar 2023 15:41

Tgt Ion: 75 Resp: 9826
Ion Ratio Lower Upper
75 100
77 40.5 26.0 39.0#
110 4.5 31.6 47.4#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.147 ug/L
 RT: 10.860 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV030328.D
 Acq: 29 Mar 2023 15:41

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA8

Tgt Ion:105 Resp: 7430
 Ion Ratio Lower Upper
 105 100
 120 41.5 36.8 55.2

