

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032923\
 Data File : VV030337.D
 Acq On : 29 Mar 2023 19:23
 Operator : SY/MD
 Sample : 02092-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB982

Quant Time: Mar 30 02:14:32 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)

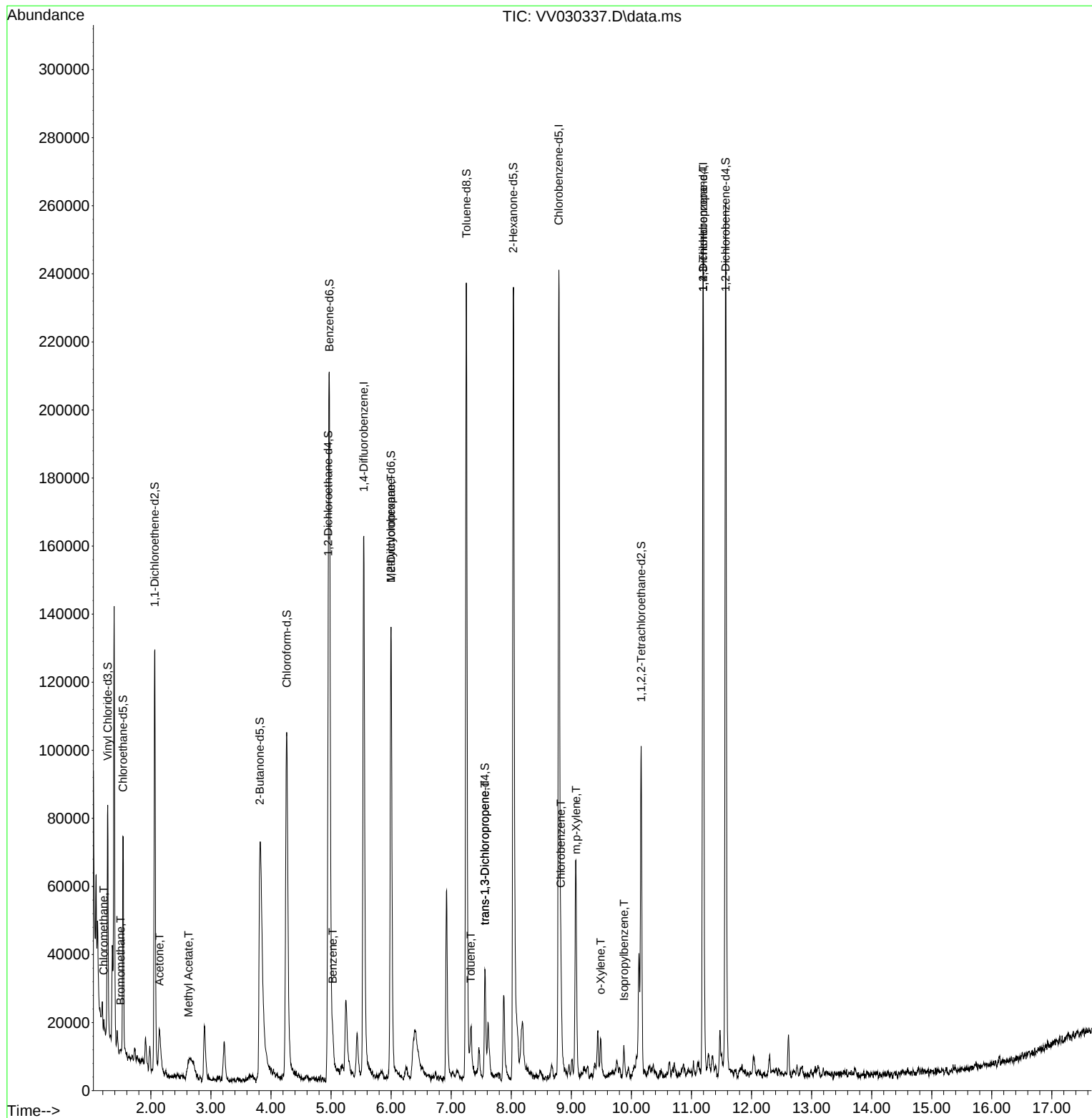
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	39647	4.415	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.536	69	41389	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.063	63	65472	3.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.815	46	108116	46.582	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	4.262	84	105567	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.953	65	52686	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.973	84	185902	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	5.998	67	61359	5.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.252	98	154732	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.561	79	19158	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.034	63	83131	48.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44242	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	64413	5.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3036	0.140	ug/L	89
6) Bromomethane	1.494	94	488	0.108	ug/L	87
13) Acetone	2.143	43	22485	10.131	ug/L	90
15) Methyl Acetate	2.626	43	1240	0.313	ug/L #	57
33) Benzene	5.027	78	10011	0.218	ug/L	100
35) Methylcyclohexane	5.998	83	15778	0.812	ug/L #	18
42) Toluene	7.326	91	9266	0.190	ug/L	95
44) trans-1,3-Dichloropropene	7.561	75	1351	0.096	ug/L #	74
51) Chlorobenzene	8.825	112	14884	0.476	ug/L	95
53) m,p-Xylene	9.082	106	3349	0.164	ug/L #	7
54) o-Xylene	9.487	106	2831	0.145	ug/L	86
60) Isopropylbenzene	9.876	105	4712	0.098	ug/L #	89
61) 1,2,3-Trichloropropane	11.194	75	8237	1.420	ug/L #	64

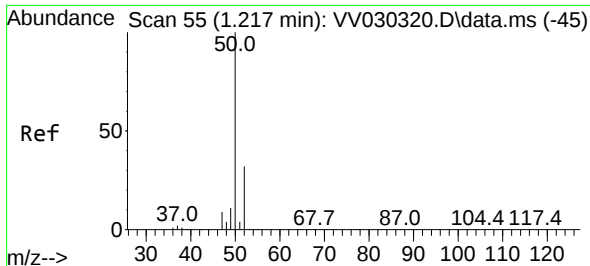
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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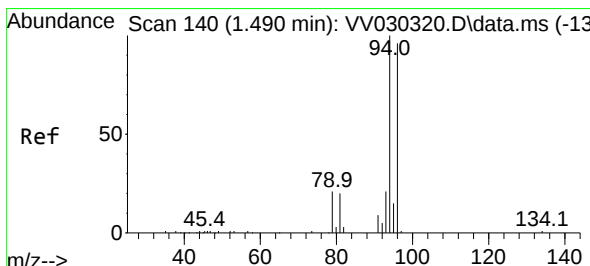
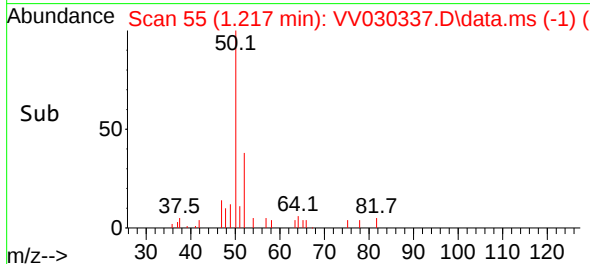
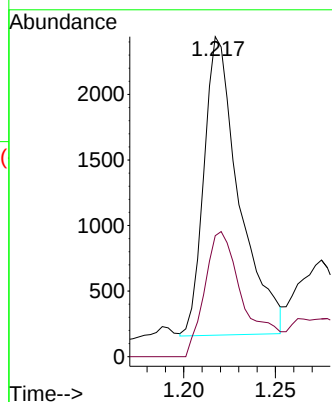
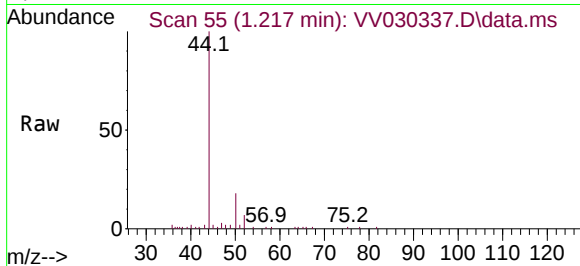




#3
Chloromethane
Concen: 0.140 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

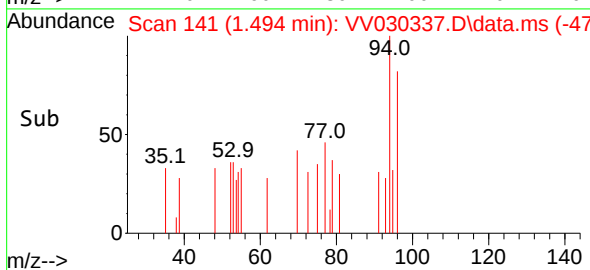
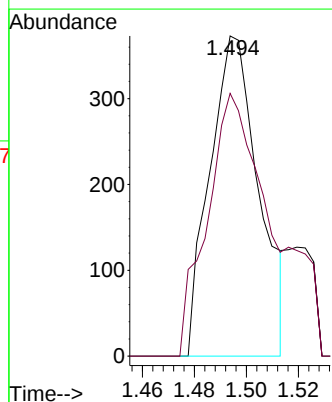
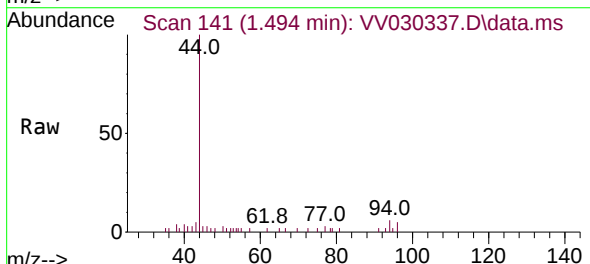
Instrument :
MSVOA_V
ClientSampleId :
CB982

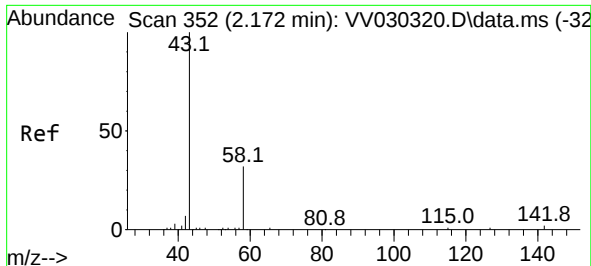
Tgt Ion: 50 Resp: 3036
Ion Ratio Lower Upper
50 100
52 37.8 22.3 41.5



#6
Bromomethane
Concen: 0.108 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 82.0 66.1 122.7





#13

Acetone

Concen: 10.131 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.029 min

Lab File: VV030337.D

Acq: 29 Mar 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

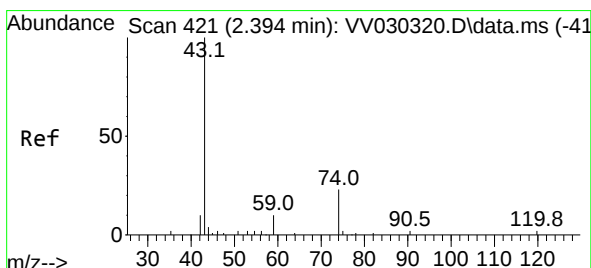
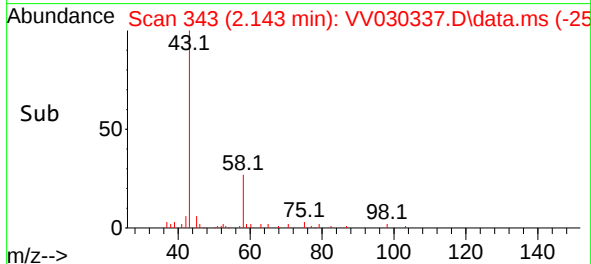
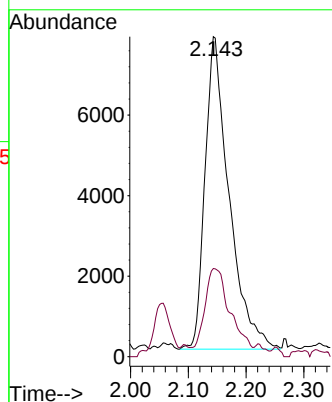
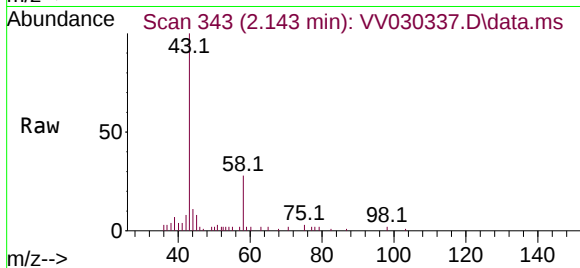
CB982

Tgt Ion: 43 Resp: 22485

Ion Ratio Lower Upper

43 100

58 25.1 0.0 40.8



#15

Methyl Acetate

Concen: 0.313 ug/L

RT: 2.626 min Scan# 493

Delta R.T. 0.232 min

Lab File: VV030337.D

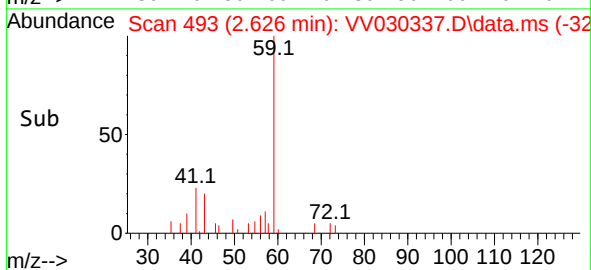
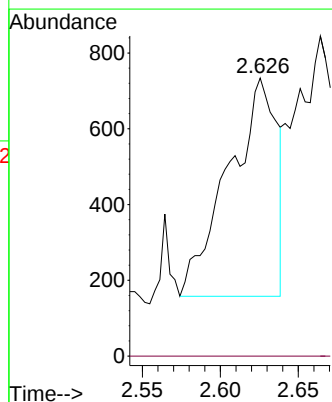
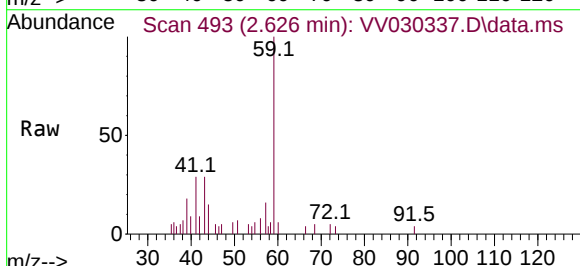
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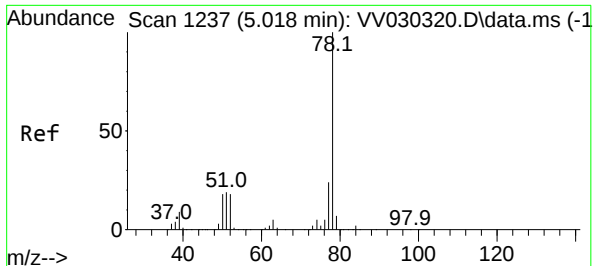
Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

74 5.0 22.1 33.1#

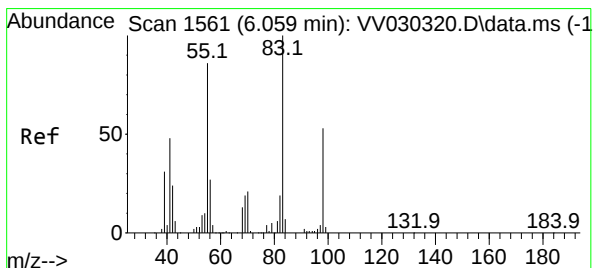
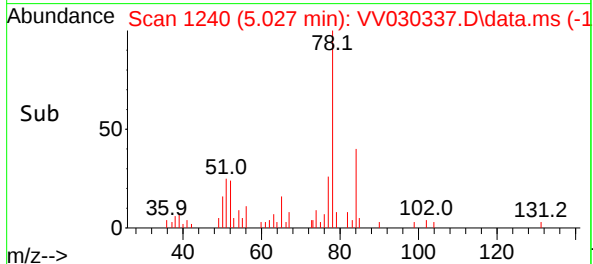
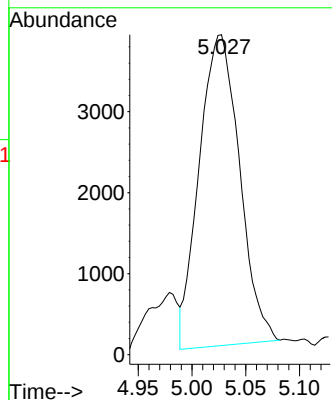
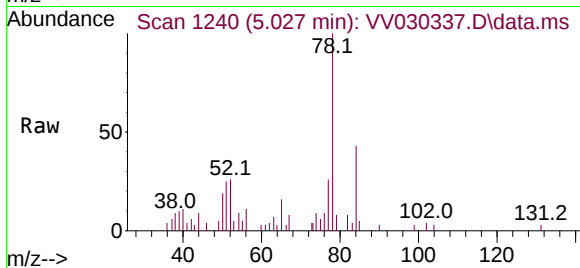




#33
Benzene
Concen: 0.218 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

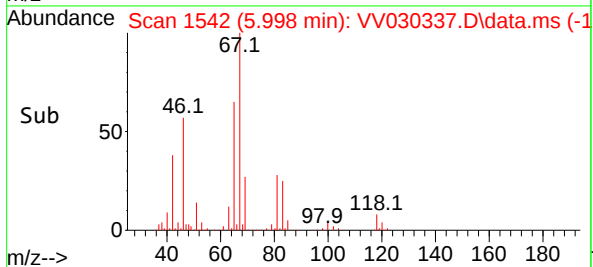
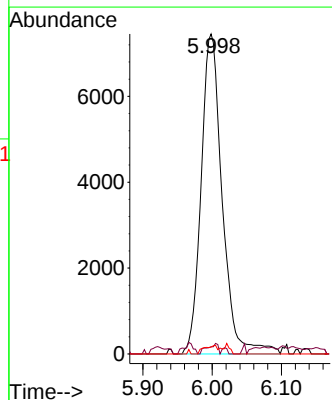
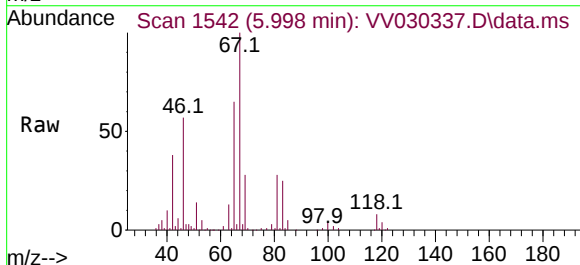
Instrument :
MSVOA_V
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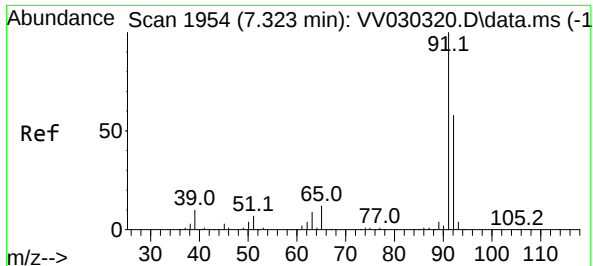
Tgt Ion: 78 Resp: 10011



#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

Tgt Ion: 83 Resp: 15778
Ion Ratio Lower Upper
83 100
55 1.6 66.6 100.0#
98 2.0 38.6 58.0#





#42

Toluene

Concen: 0.190 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030337.D

Acq: 29 Mar 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

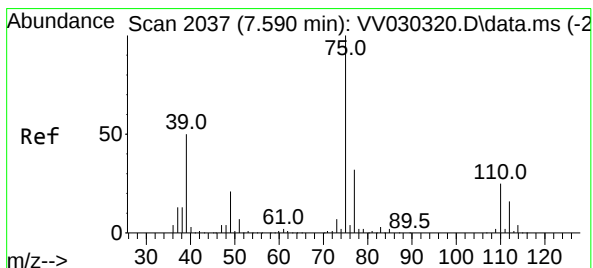
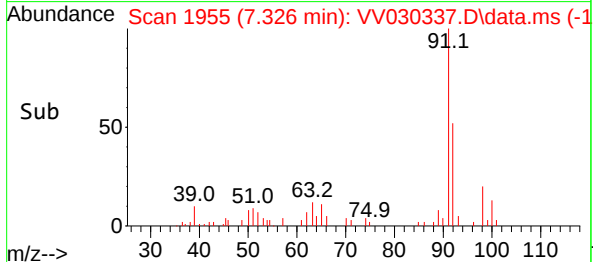
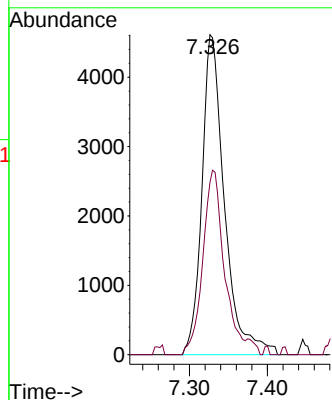
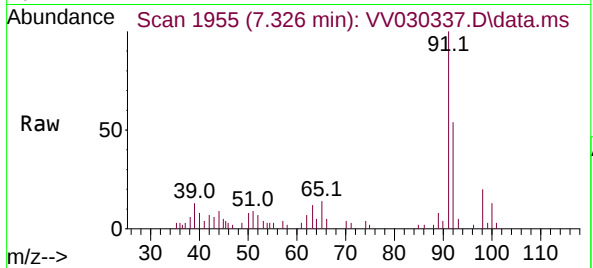
CB982

Tgt Ion: 91 Resp: 9266

Ion Ratio Lower Upper

91 100

92 53.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.029 min

Lab File: VV030337.D

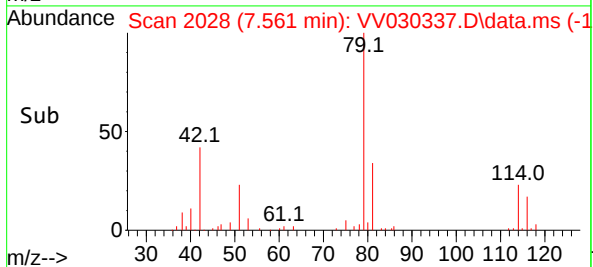
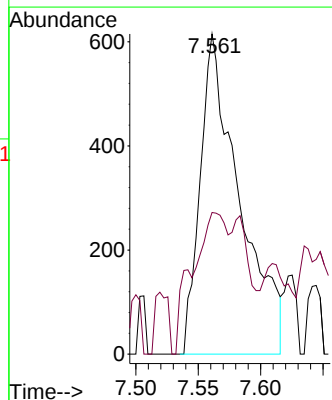
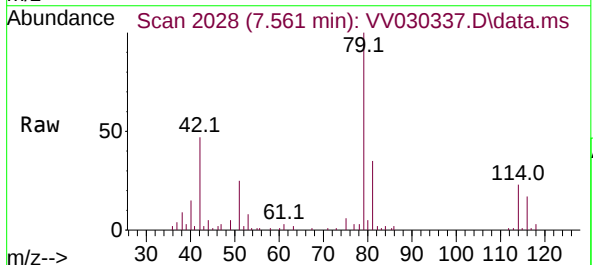
Acq: 29 Mar 2023 19:23

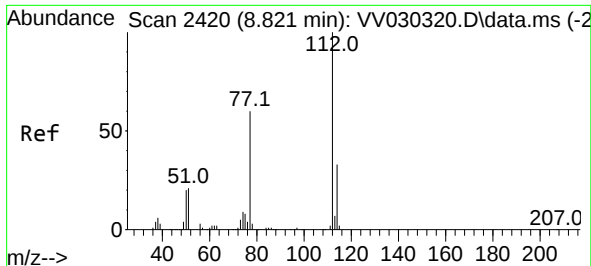
Tgt Ion: 75 Resp: 1351

Ion Ratio Lower Upper

75 100

77 44.2 21.2 39.4#

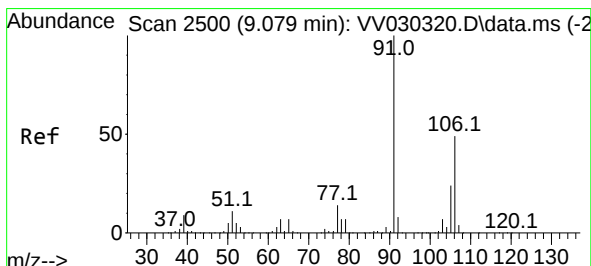
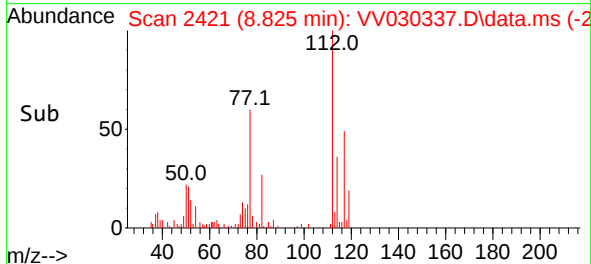
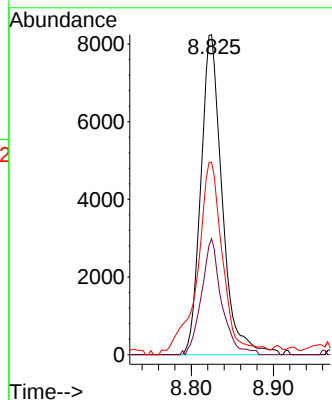
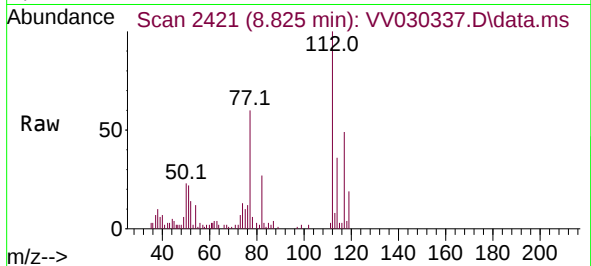




#51
Chlorobenzene
Concen: 0.476 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

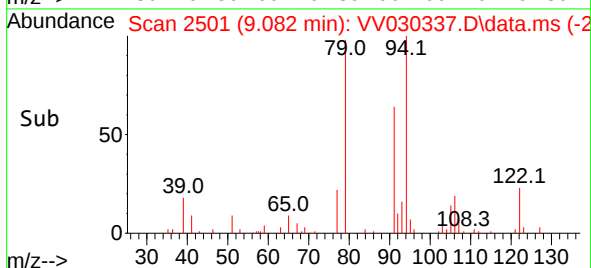
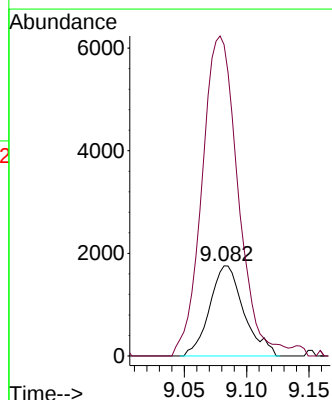
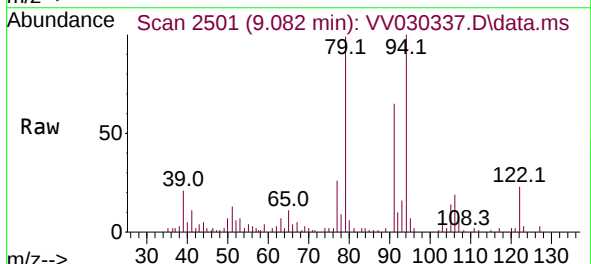
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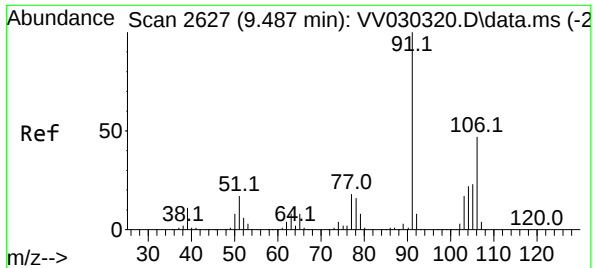
Tgt Ion:	112	Resp:	14884
Ion	Ratio	Lower	Upper
112	100		
114	36.3	22.4	41.6
77	60.2	45.9	68.9



#53
m,p-Xylene
Concen: 0.164 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

Tgt Ion:	106	Resp:	3349
Ion	Ratio	Lower	Upper
106	100		
91	345.5	142.4	264.4#

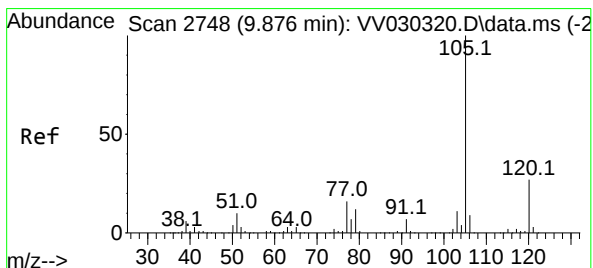
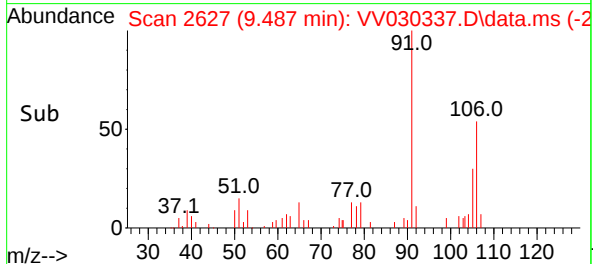
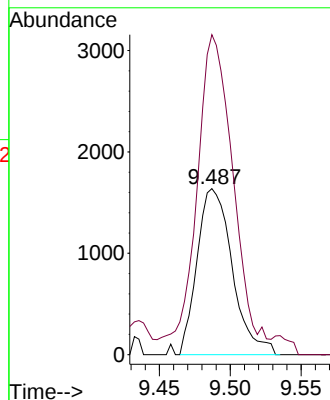
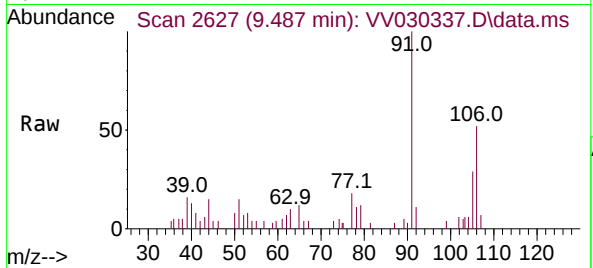




#54
o-Xylene
Concen: 0.145 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

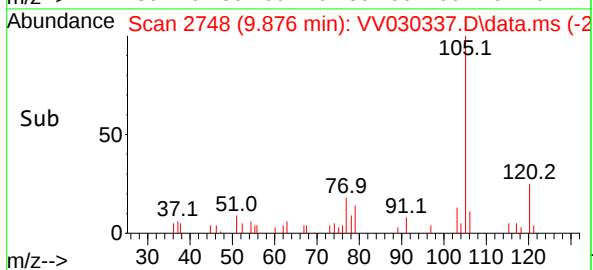
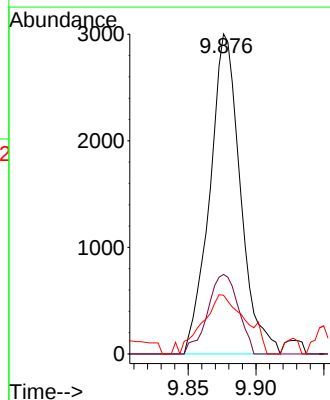
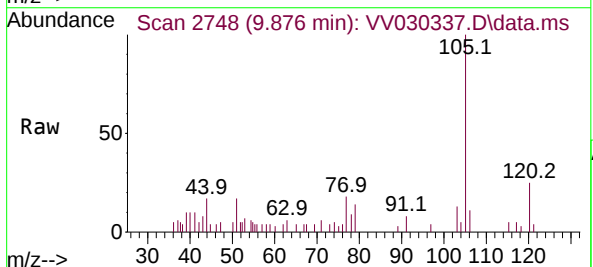
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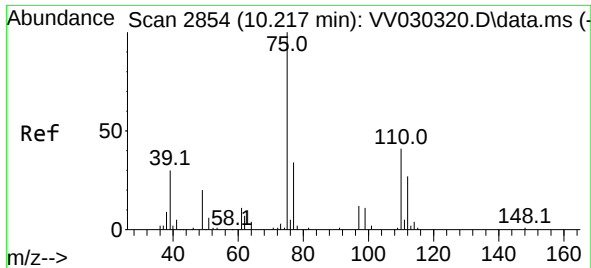
Tgt Ion:106 Resp: 2831
Ion Ratio Lower Upper
106 100
91 192.6 149.8 278.2



#60
Isopropylbenzene
Concen: 0.098 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VV030337.D
Acq: 29 Mar 2023 19:23

Tgt Ion:105 Resp: 4712
Ion Ratio Lower Upper
105 100
120 24.9 21.1 31.7
77 26.0 12.9 19.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.420 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030337.D
 Acq: 29 Mar 2023 19:23

Instrument :
 MSVOA_V
 ClientSampleId :
 CB982

Tgt Ion: 75 Resp: 8237
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.0 39.0
 110 4.3 31.6 47.4#

