

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033290.D
 Acq On : 13 Dec 2023 20:45
 Operator : SY/MD
 Sample : 05731-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY62

Quant Time: Dec 13 23:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

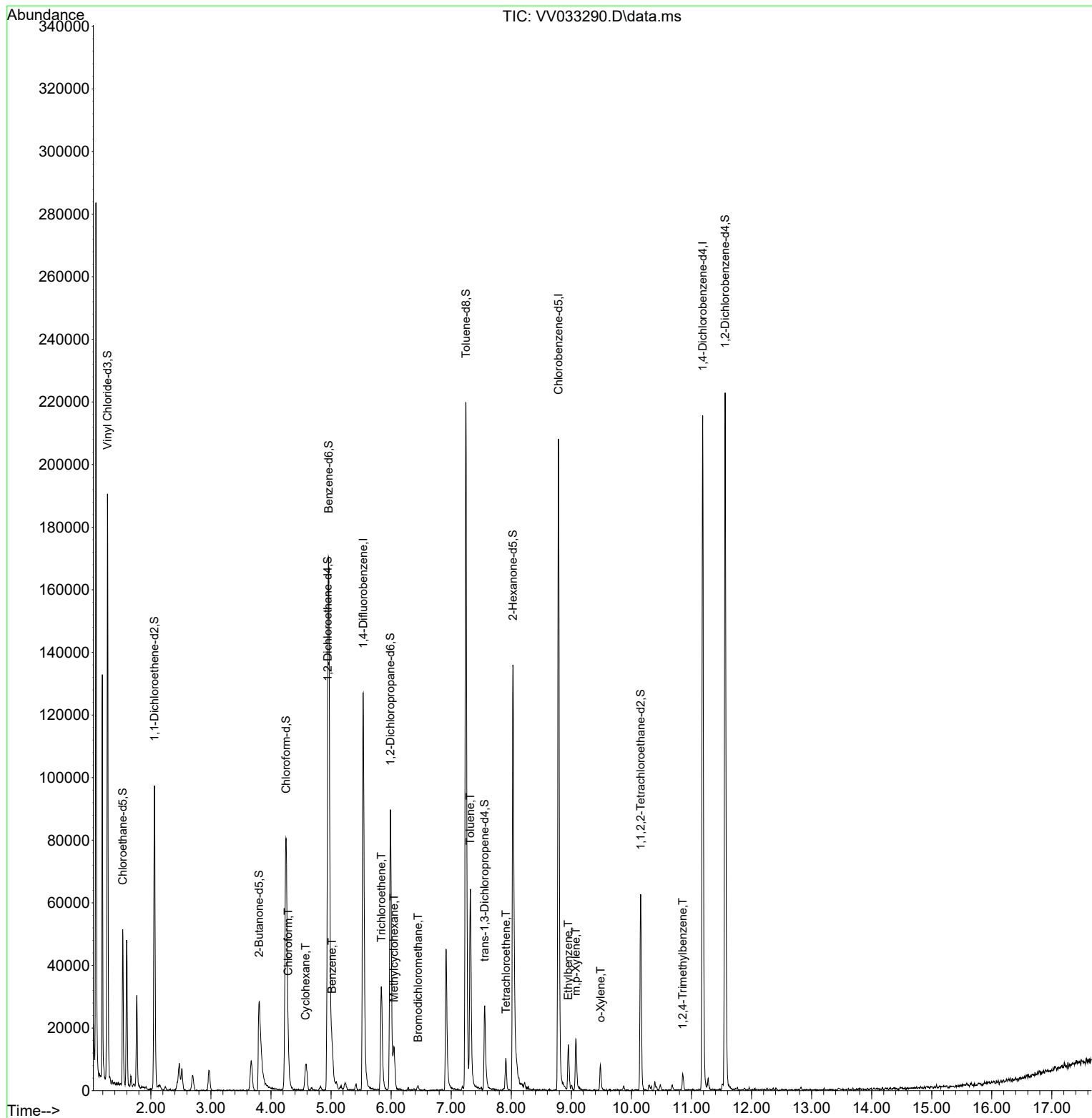
Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	123886	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	124789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	64380	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.278	65	40197	5.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5		1.532	69	30350	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2		2.060	65	15653	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5		3.802	46	51377	54.666	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%	
24) Chloroform-d		4.249	84	87198	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%	
26) 1,2-Dichloroethane-d4		4.944	65	42751	5.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.800%	
32) Benzene-d6		4.960	84	167986	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6		5.989	67	39121	5.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%	
41) Toluene-d8		7.246	98	157441	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...		7.558	79	17043	5.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5		8.027	63	53002	56.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.280%	
56) 1,1,2,2-Tetrachloroeth...		10.156	84	28250	5.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%	
66) 1,2-Dichlorobenzene-d4		11.561	152	64071	5.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%	
Target Compounds							
						Qvalue	
25) Chloroform		4.285	83	10548	0.664	ug/L	97
30) Cyclohexane		4.577	56	3937	0.357	ug/L	84
33) Benzene		5.014	78	13672	0.409	ug/L	100
34) Trichloroethene		5.838	95	11597	1.190	ug/L	96
35) Methylcyclohexane		6.047	83	5128	0.355	ug/L	96
38) Bromodichloromethane		6.452	83	1402	0.130	ug/L #	87
42) Toluene		7.320	91	49011	1.280	ug/L	97
47) Tetrachloroethene		7.911	164	2475	0.268	ug/L	85
52) Ethylbenzene		8.950	91	10932	0.255	ug/L	94
53) m,p-Xylene		9.079	106	5447	0.308	ug/L	94
54) o-Xylene		9.487	106	2772	0.166	ug/L	85
63) 1,2,4-Trimethylbenzene		10.853	105	4012	0.116	ug/L	95

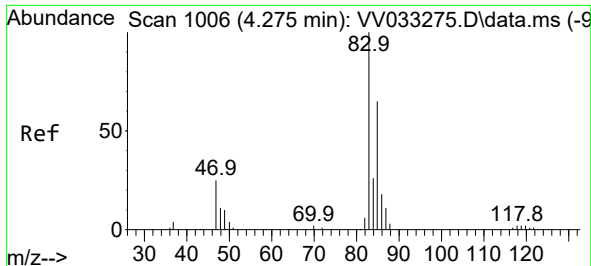
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
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#25

Chloroform

Concen: 0.664 ug/L

RT: 4.285 min Scan# 1100

Delta R.T. 0.010 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Instrument :

MSVOA_V

ClientSampleId :

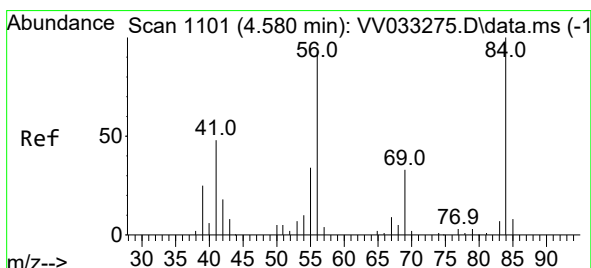
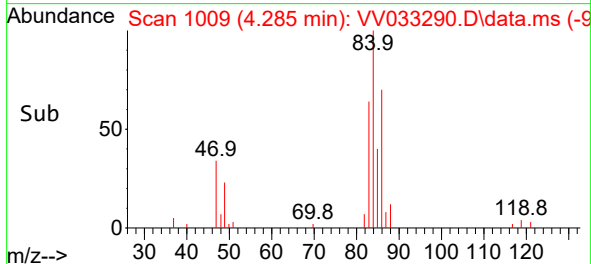
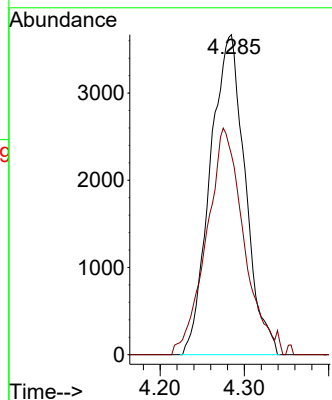
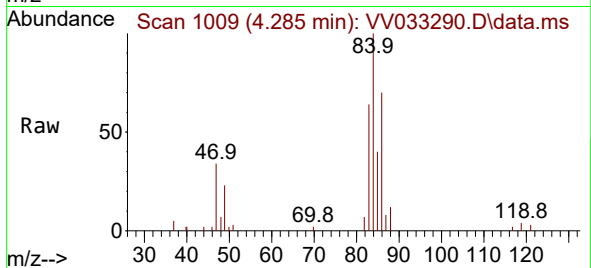
E0Y62

Tgt Ion: 83 Resp: 10548

Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1



#30

Cyclohexane

Concen: 0.357 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

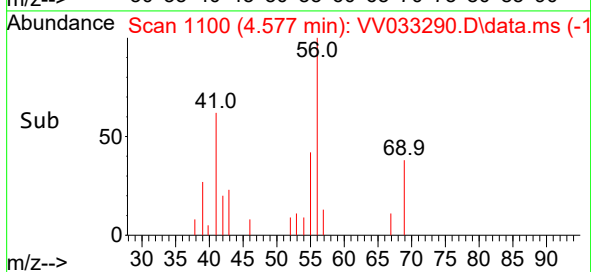
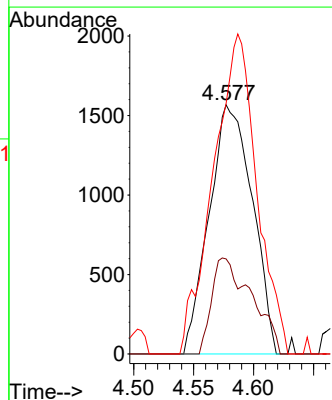
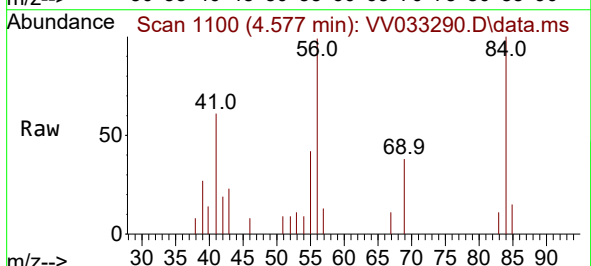
Tgt Ion: 56 Resp: 3937

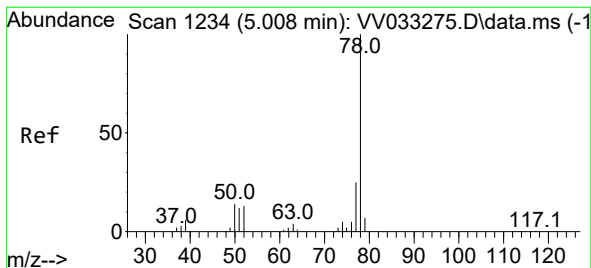
Ion Ratio Lower Upper

56 100

69 35.5 28.8 43.2

84 129.2 86.2 129.4





#33

Benzene

Concen: 0.409 ug/L

RT: 5.014 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

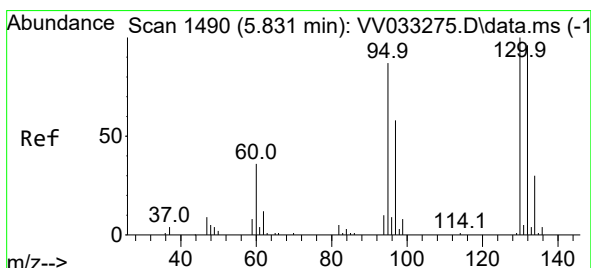
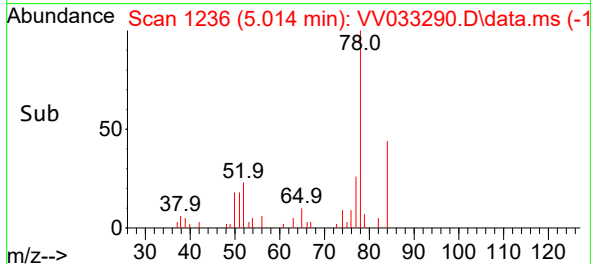
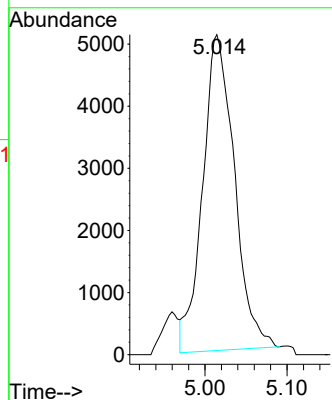
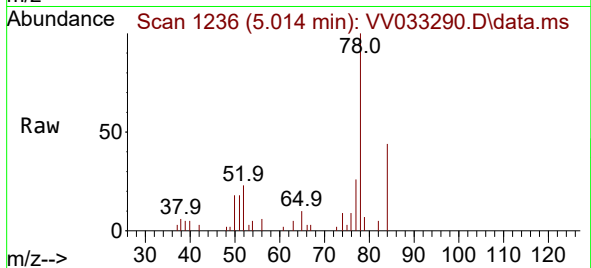
Instrument :

MSVOA_V

ClientSampleId :

E0Y62

Tgt Ion: 78 Resp: 13672



#34

Trichloroethene

Concen: 1.190 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Tgt Ion: 95 Resp: 11597

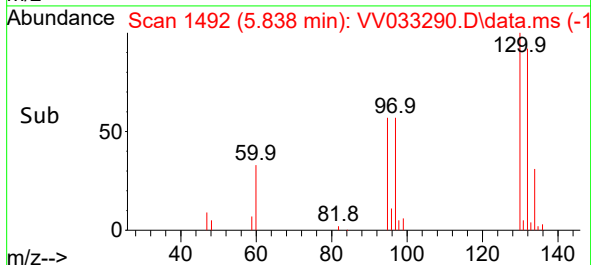
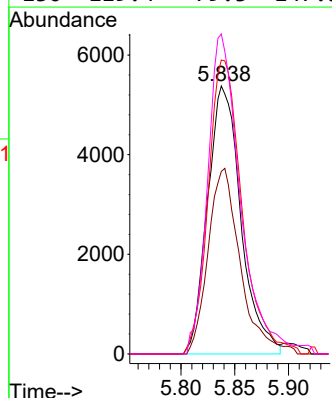
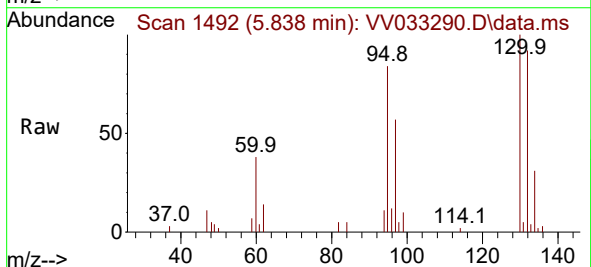
Ion Ratio Lower Upper

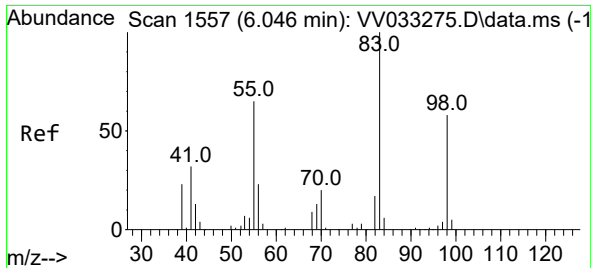
95 100

97 68.1 46.5 86.5

132 109.6 75.1 139.5

130 119.4 79.3 147.3

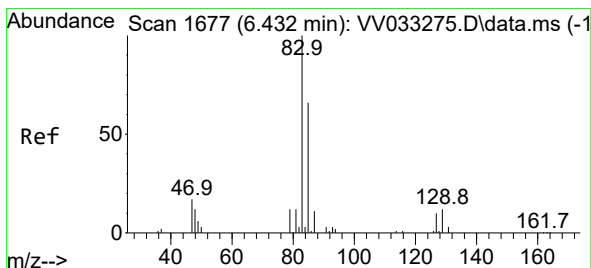
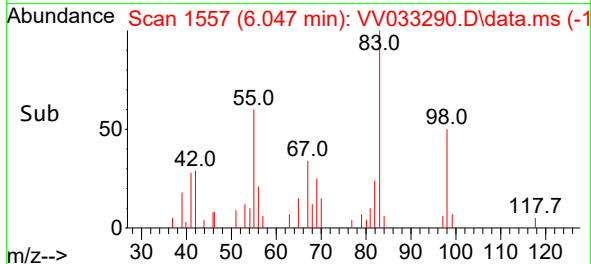
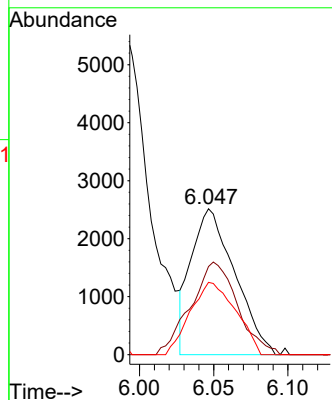
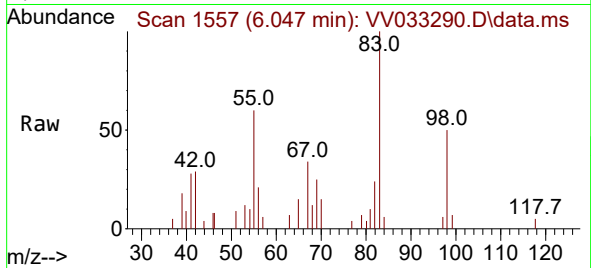




#35
Methylcyclohexane
Concen: 0.355 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

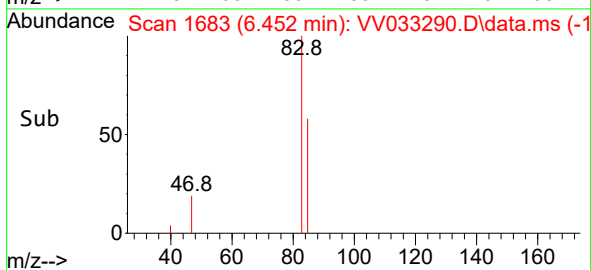
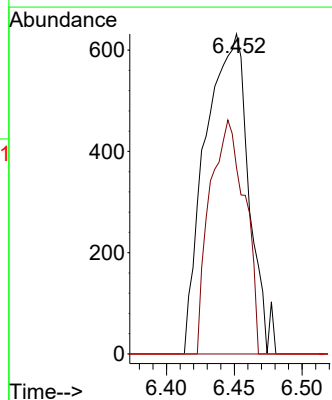
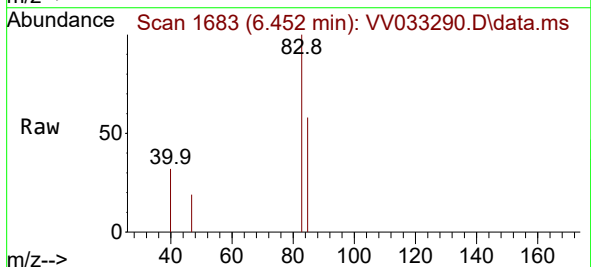
Instrument :
MSVOA_V
ClientSampleId :
E0Y62

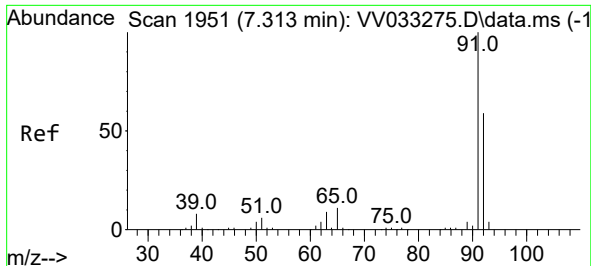
Tgt Ion: 83 Resp: 5128
Ion Ratio Lower Upper
83 100
55 67.9 50.7 76.1
98 51.6 42.4 63.6



#38
Bromodichloromethane
Concen: 0.130 ug/L
RT: 6.452 min Scan# 1683
Delta R.T. 0.019 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion: 83 Resp: 1402
Ion Ratio Lower Upper
83 100
85 58.2 46.6 86.6
127 0.0 8.6 13.0





#42

Toluene

Concen: 1.280 ug/L

RT: 7.320 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Instrument :

MSVOA_V

ClientSampleId :

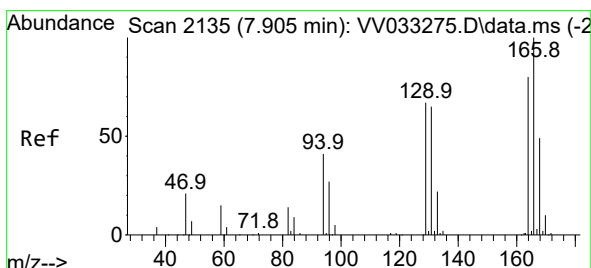
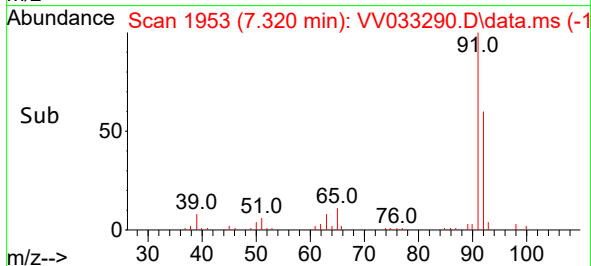
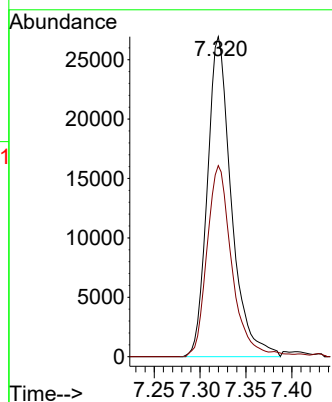
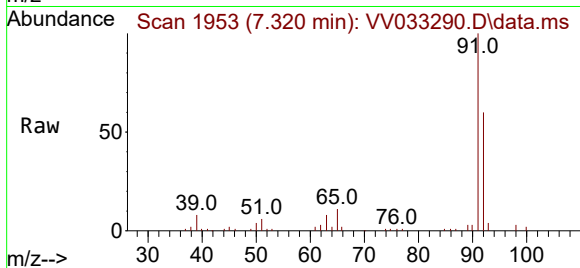
E0Y62

Tgt Ion: 91 Resp: 49011

Ion Ratio Lower Upper

91 100

92 59.7 40.2 74.6



#47

Tetrachloroethene

Concen: 0.268 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033290.D

Acq: 13 Dec 2023 20:45

Tgt Ion: 164 Resp: 2475

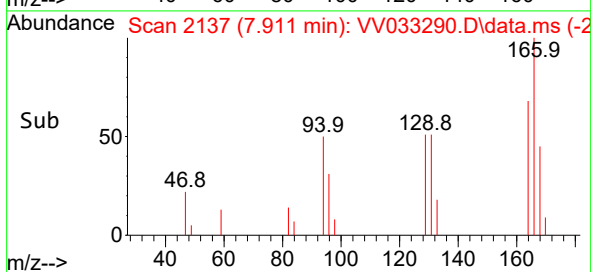
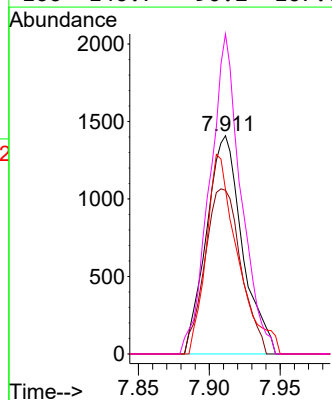
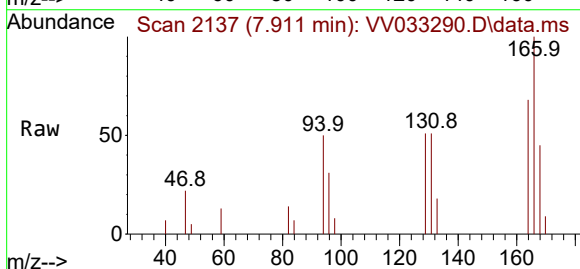
Ion Ratio Lower Upper

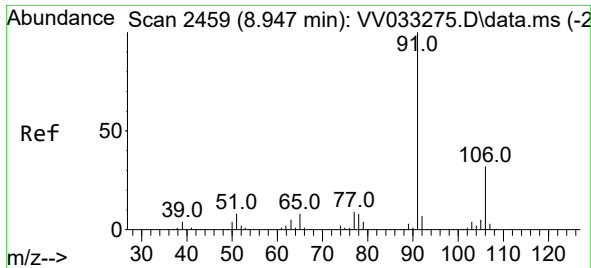
164 100

129 75.0 62.6 116.3

131 75.4 62.6 116.3

166 146.7 90.2 167.6

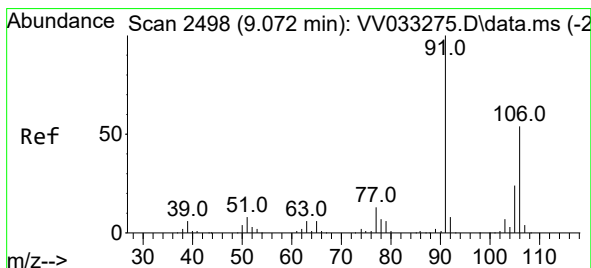
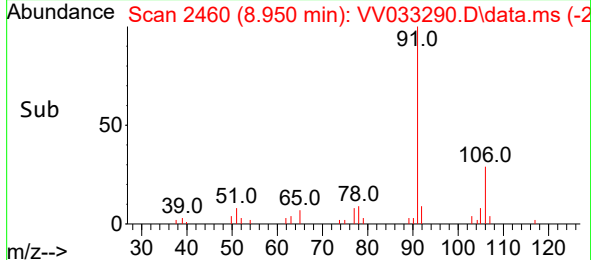
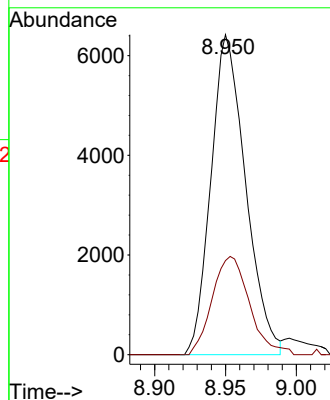
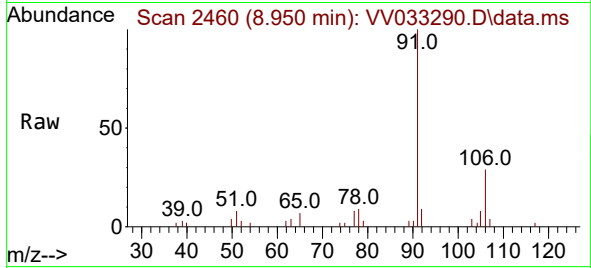




#52
Ethylbenzene
Concen: 0.255 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

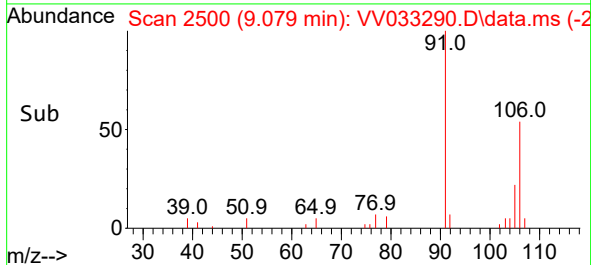
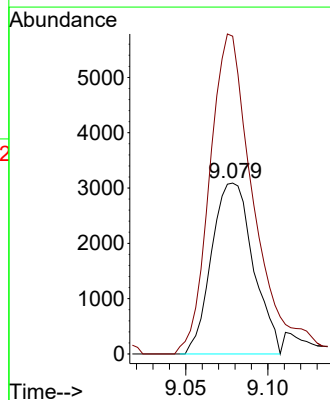
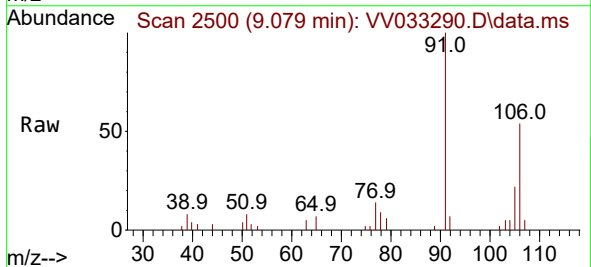
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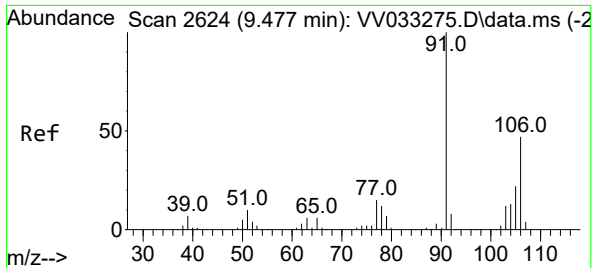
Tgt Ion: 91 Resp: 10932
Ion Ratio Lower Upper
91 100
106 29.4 22.7 42.3



#53
m,p-Xylene
Concen: 0.308 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion: 106 Resp: 5447
Ion Ratio Lower Upper
106 100
91 185.9 136.8 254.0

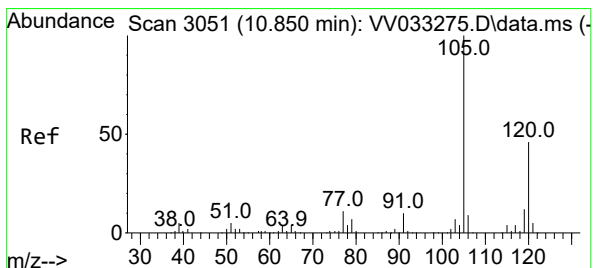
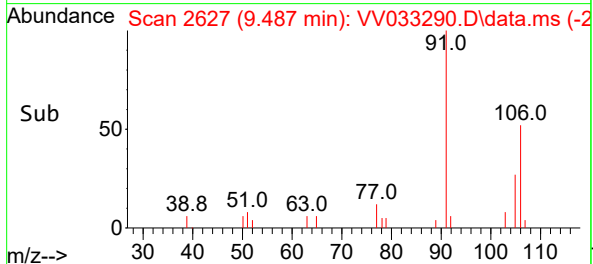
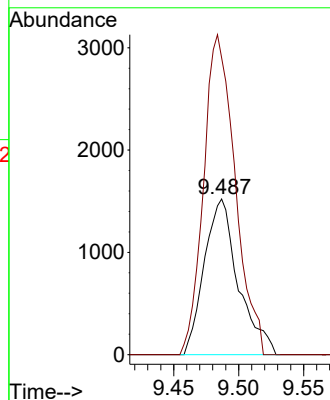
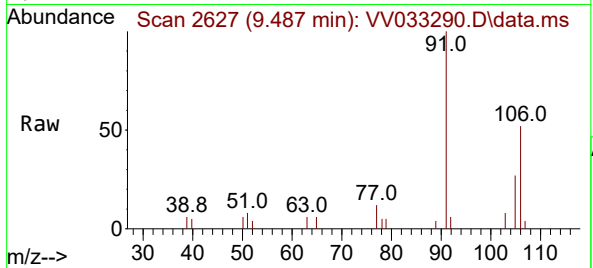




#54
o-Xylene
Concen: 0.166 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Instrument :
MSVOA_V
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Tgt Ion:106 Resp: 2772
Ion Ratio Lower Upper
106 100
91 190.7 149.9 278.5



#63
1,2,4-Trimethylbenzene
Concen: 0.116 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033290.D
Acq: 13 Dec 2023 20:45

Tgt Ion:105 Resp: 4012
Ion Ratio Lower Upper
105 100
120 44.4 38.1 57.1

