

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033652.D
 Acq On : 15 Jan 2024 18:57
 Operator : SY/MD
 Sample : P1131-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ5

Quant Time: Jan 16 03:48:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

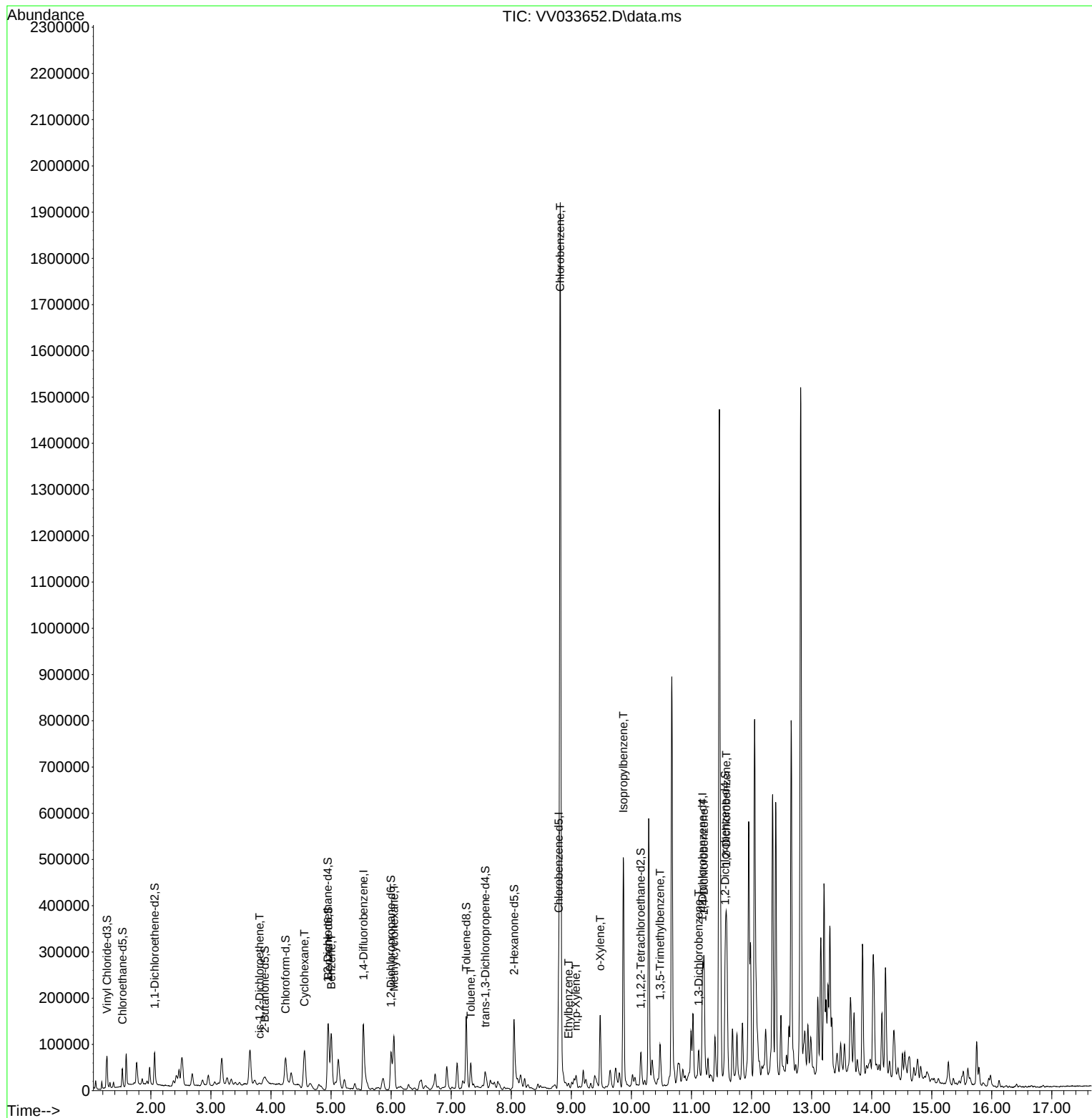
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	112896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	52063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	23776	3.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.526	69	22370	4.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.063	65	11854	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.899	46	56282	37.288	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.580%
24) Chloroform-d	4.243	84	56468	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.947	65	28847	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.953	84	114994	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.998	67	37940	4.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.249	98	100910	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.568	79	12035	4.180	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.047	63	61374	54.292	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23876	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	37599	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.809	96	2532	0.269	ug/L	95
30) Cyclohexane	4.558	56	45446	2.583	ug/L	97
33) Benzene	5.005	78	116136	3.160	ug/L	100
35) Methylcyclohexane	6.047	83	47062	2.842	ug/L	96
42) Toluene	7.326	91	39993	1.029	ug/L	98
51) Chlorobenzene	8.815	112	909411	38.189	ug/L	99
52) Ethylbenzene	8.953	91	8554	0.190	ug/L	96
53) m,p-Xylene	9.079	106	4844	0.292	ug/L	96
54) o-Xylene	9.481	106	36363	2.251	ug/L	97
60) Isopropylbenzene	9.866	105	300040	7.284	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	35712	1.003	ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	23796	1.306	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	94693	5.308	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	65967	4.167	ug/L	97

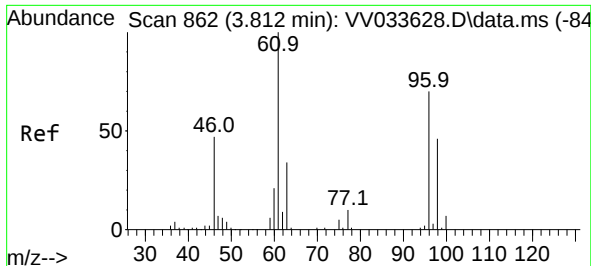
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
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#22

cis-1,2-Dichloroethene

Concen: 0.269 ug/L

RT: 3.809 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV033652.D

Acq: 15 Jan 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

C0AZ5

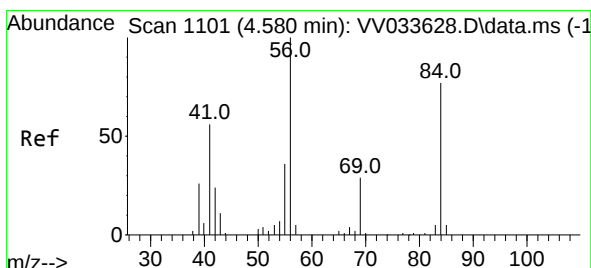
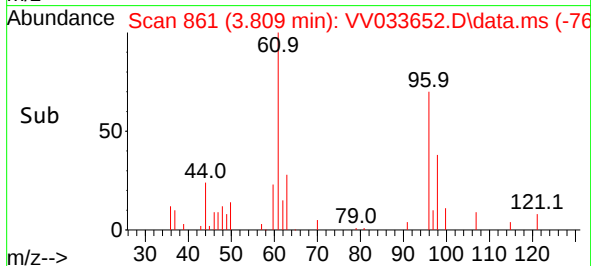
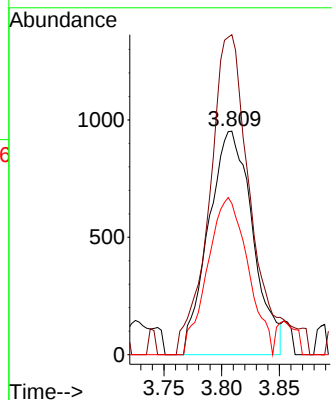
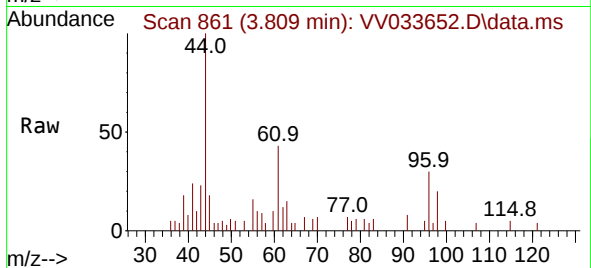
Tgt Ion: 96 Resp: 2532

Ion Ratio Lower Upper

96 100

61 143.2 97.1 180.3

98 67.6 42.6 79.0



#30

Cyclohexane

Concen: 2.583 ug/L

RT: 4.558 min Scan# 1094

Delta R.T. -0.022 min

Lab File: VV033652.D

Acq: 15 Jan 2024 18:57

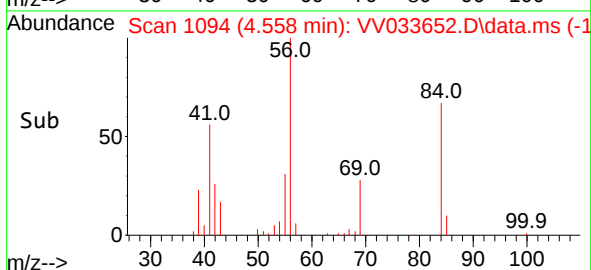
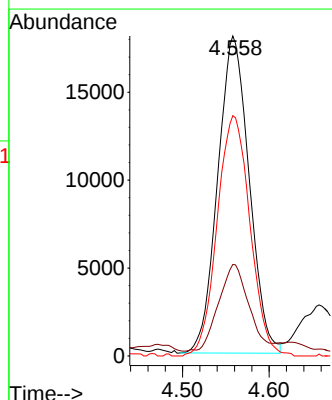
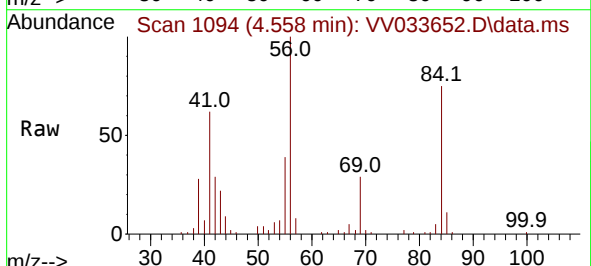
Tgt Ion: 56 Resp: 45446

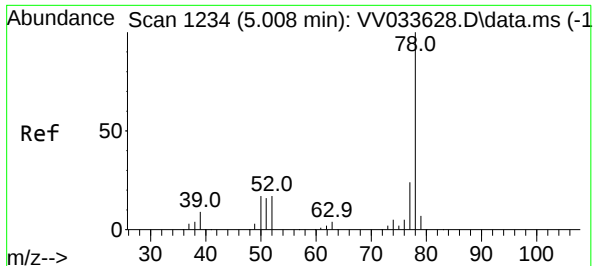
Ion Ratio Lower Upper

56 100

69 26.2 23.3 34.9

84 79.2 61.7 92.5

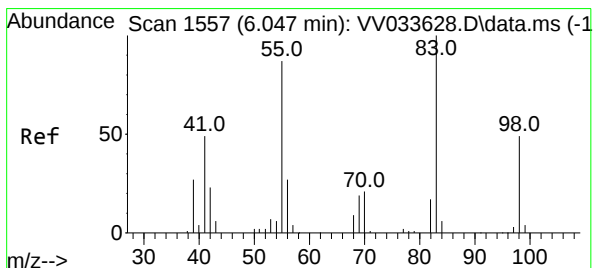
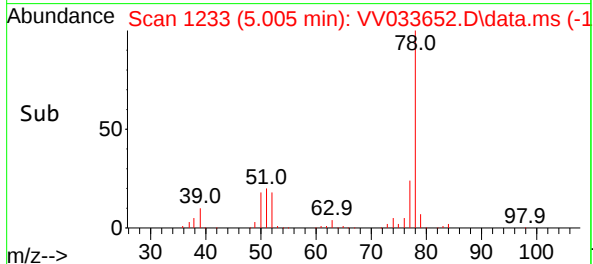
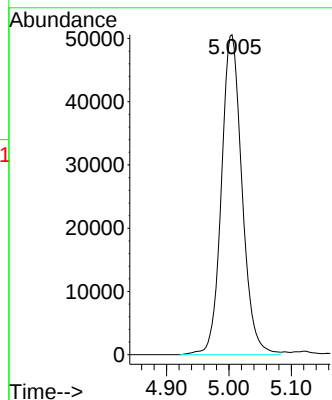
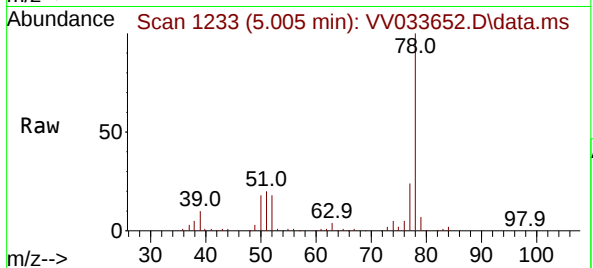




#33
Benzene
Concen: 3.160 ug/L
RT: 5.005 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

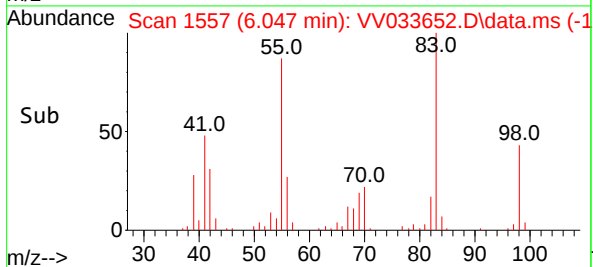
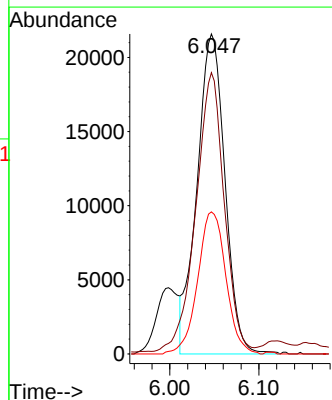
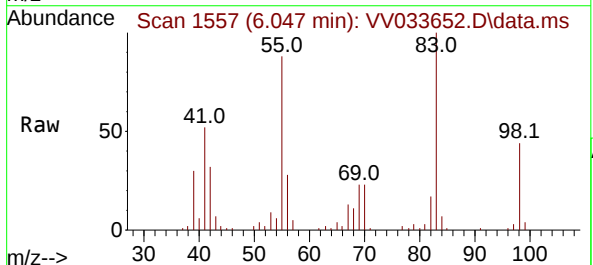
Instrument :
MSVOA_V
ClientSampleId :
C0AZ5

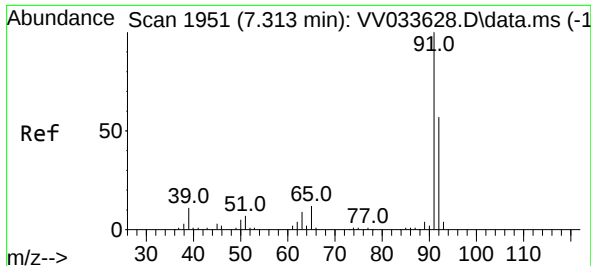
Tgt Ion: 78 Resp: 116136



#35
Methylcyclohexane
Concen: 2.842 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

Tgt Ion: 83 Resp: 47062
Ion Ratio Lower Upper
83 100
55 88.7 68.7 103.1
98 44.8 38.3 57.5





#42

Toluene

Concen: 1.029 ug/L

RT: 7.326 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VV033652.D

Acq: 15 Jan 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

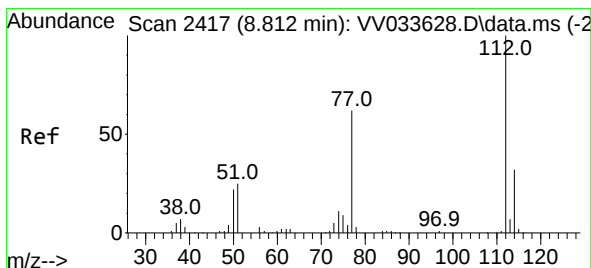
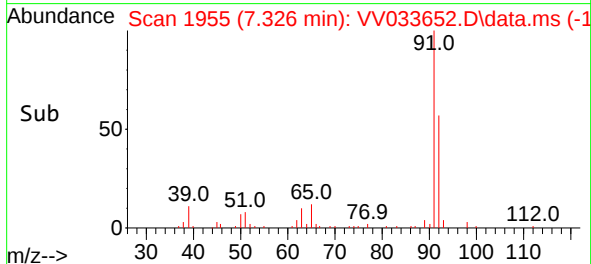
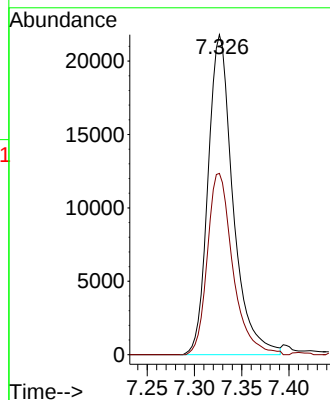
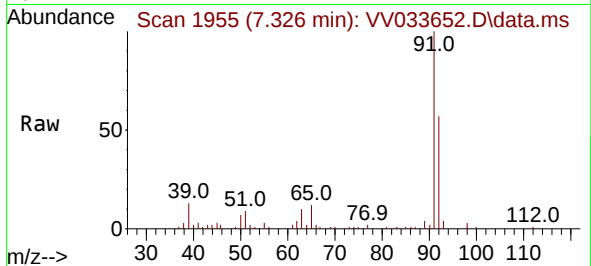
C0AZ5

Tgt Ion: 91 Resp: 39993

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.3



#51

Chlorobenzene

Concen: 38.189 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033652.D

Acq: 15 Jan 2024 18:57

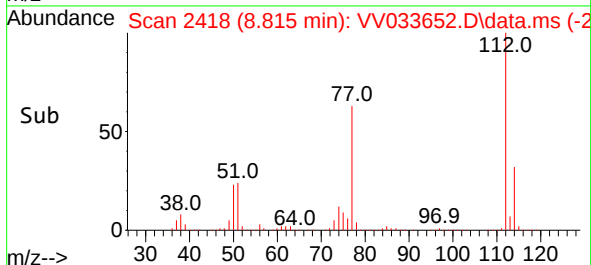
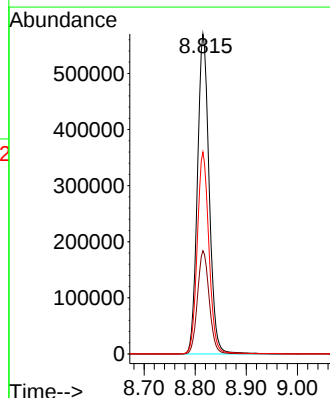
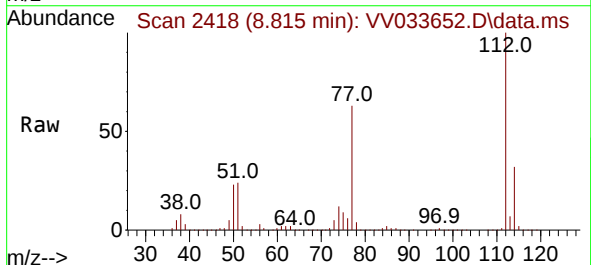
Tgt Ion: 112 Resp: 909411

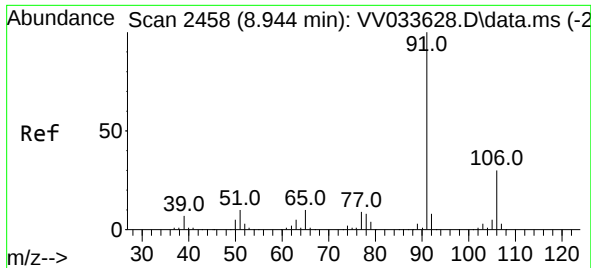
Ion Ratio Lower Upper

112 100

114 32.3 22.9 42.5

77 63.1 50.8 76.2

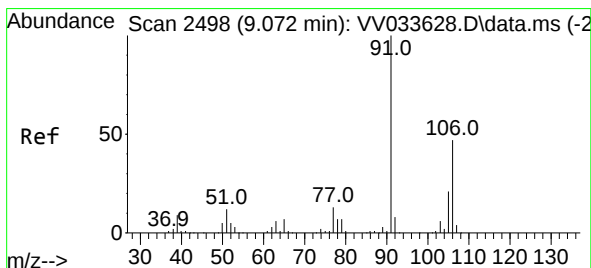
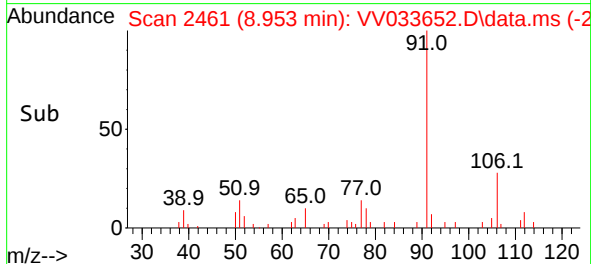
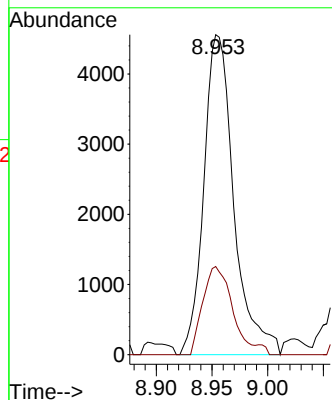
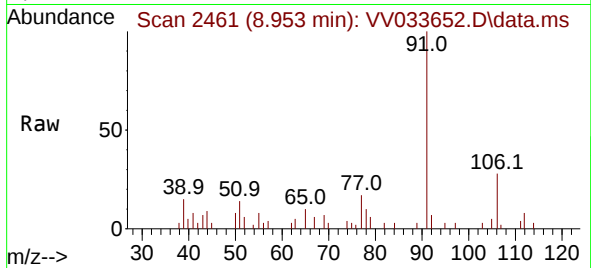




#52
Ethylbenzene
Concen: 0.190 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

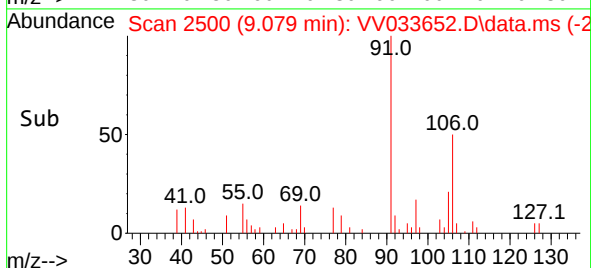
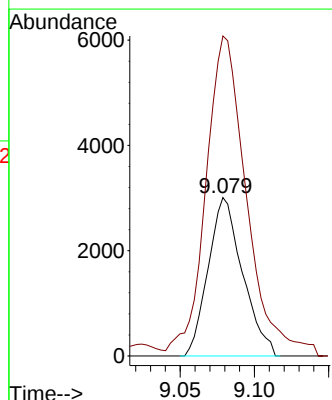
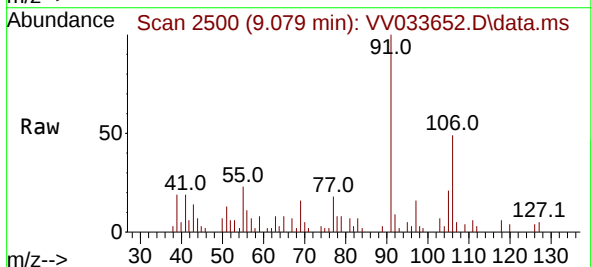
Instrument :
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C0AZ5

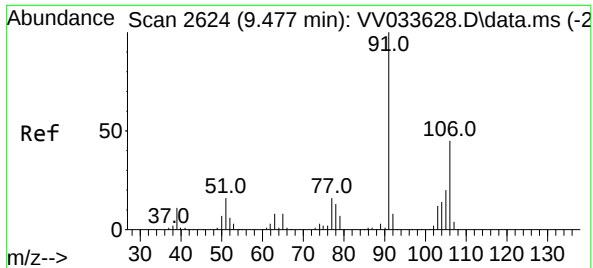
Tgt Ion: 91 Resp: 8554
Ion Ratio Lower Upper
91 100
106 27.6 20.6 38.4



#53
m,p-Xylene
Concen: 0.292 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.007 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

Tgt Ion: 106 Resp: 4844
Ion Ratio Lower Upper
106 100
91 202.1 146.2 271.4

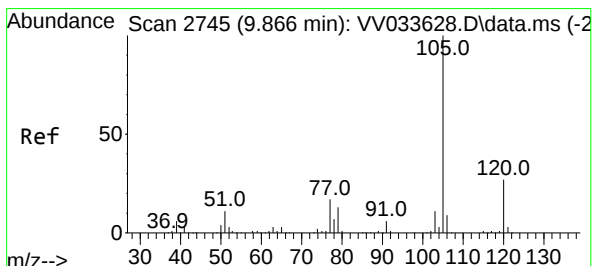
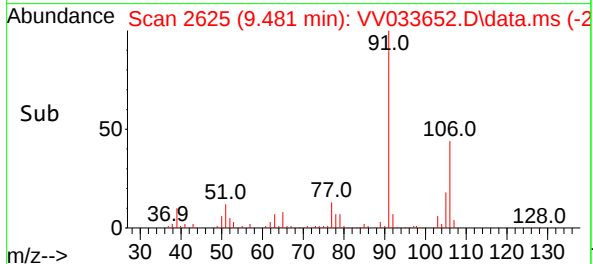
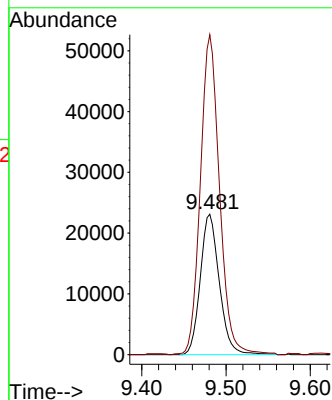
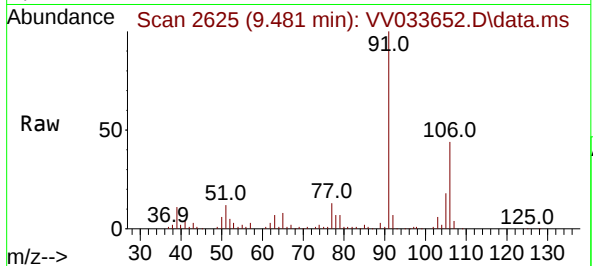




#54
o-Xylene
Concen: 2.251 ug/L
RT: 9.481 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

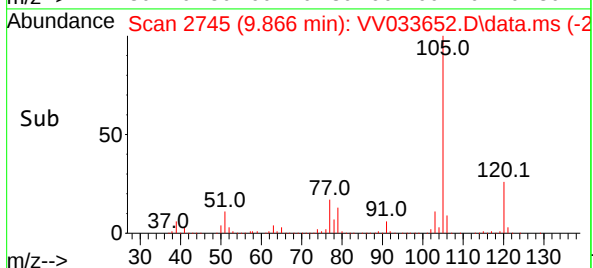
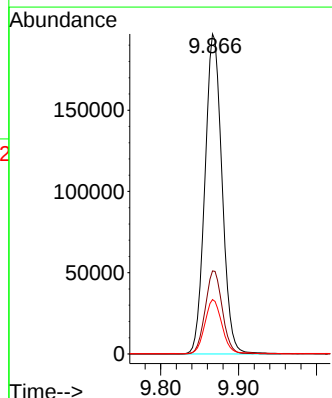
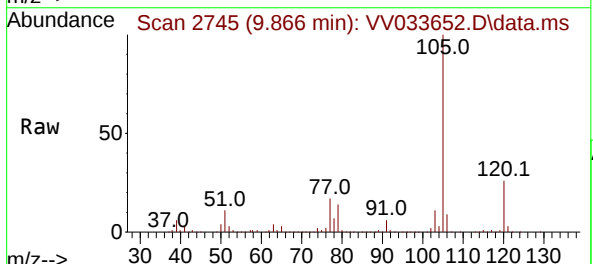
Instrument :
MSVOA_V
ClientSampleId :
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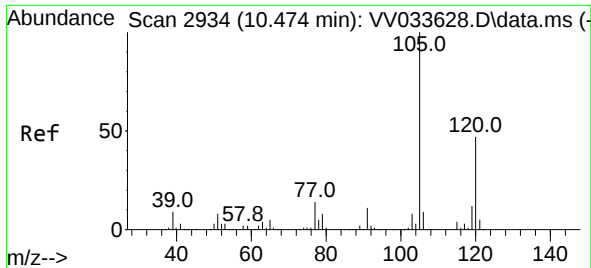
Tgt Ion:106 Resp: 36363
Ion Ratio Lower Upper
106 100
91 227.7 156.0 289.6



#60
Isopropylbenzene
Concen: 7.284 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

Tgt Ion:105 Resp: 300040
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.9 13.4 20.0

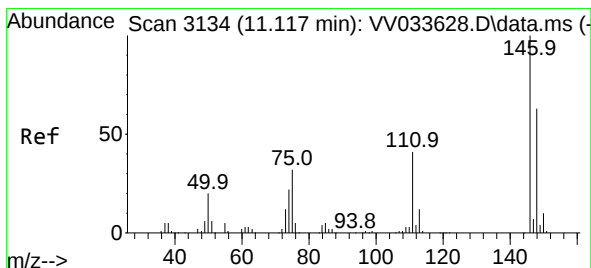
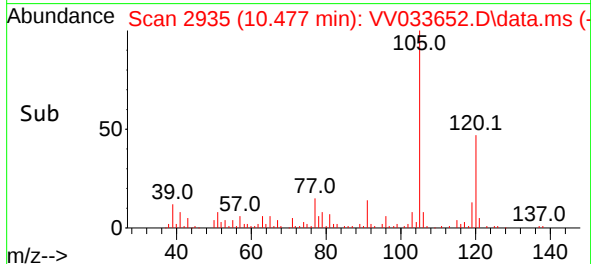
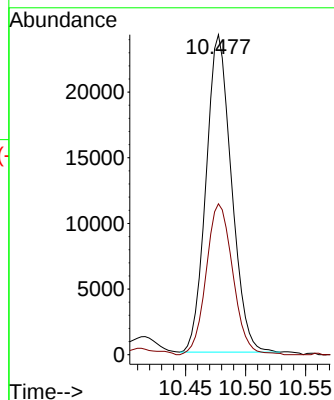
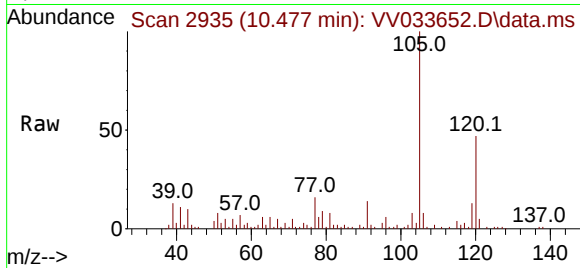




#62
1,3,5-Trimethylbenzene
Concen: 1.003 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

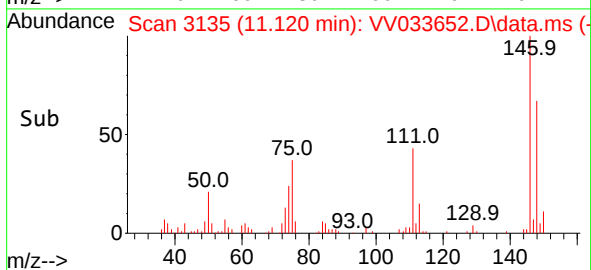
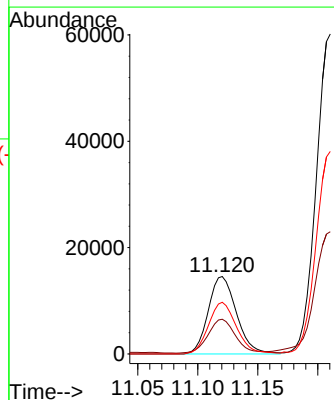
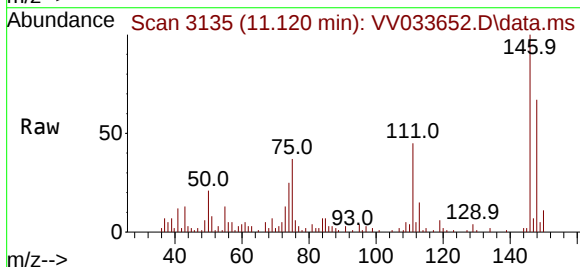
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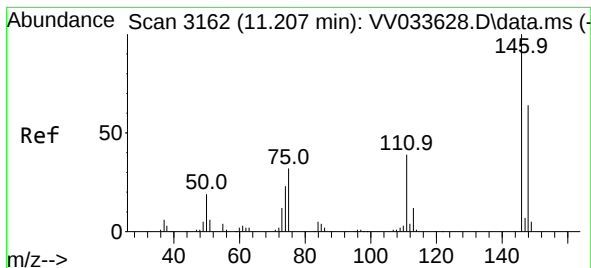
Tgt Ion:105 Resp: 35712
Ion Ratio Lower Upper
105 100
120 49.6 38.3 57.5



#64
1,3-Dichlorobenzene
Concen: 1.306 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033652.D
Acq: 15 Jan 2024 18:57

Tgt Ion:146 Resp: 23796
Ion Ratio Lower Upper
146 100
111 44.8 29.2 54.2
148 66.7 44.1 81.9





#65

1,4-Dichlorobenzene

Concen: 5.308 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV033652.D

Acq: 15 Jan 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

C0AZ5

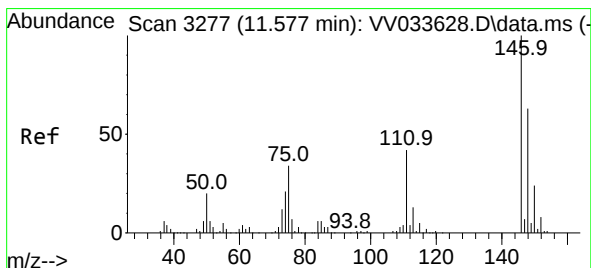
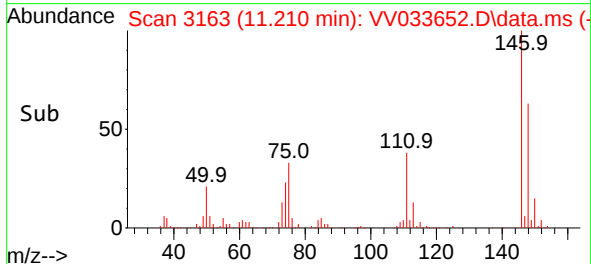
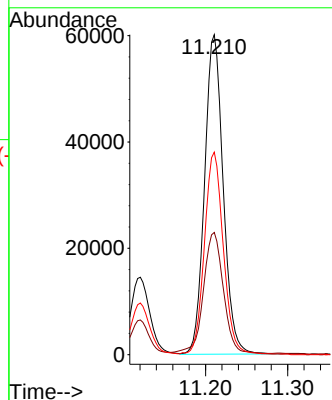
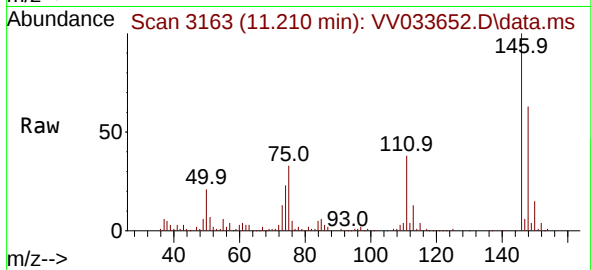
Tgt Ion:146 Resp: 94693

Ion Ratio Lower Upper

146 100

111 38.2 27.5 51.1

148 63.3 43.3 80.5



#67

1,2-Dichlorobenzene

Concen: 4.167 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV033652.D

Acq: 15 Jan 2024 18:57

Tgt Ion:146 Resp: 65967

Ion Ratio Lower Upper

146 100

111 41.6 36.1 54.1

148 63.9 52.2 78.2

