

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033303.D
 Acq On : 14 Dec 2023 02:20
 Operator : SY/MD
 Sample : 05770-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y75

Quant Time: Dec 14 04:36:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

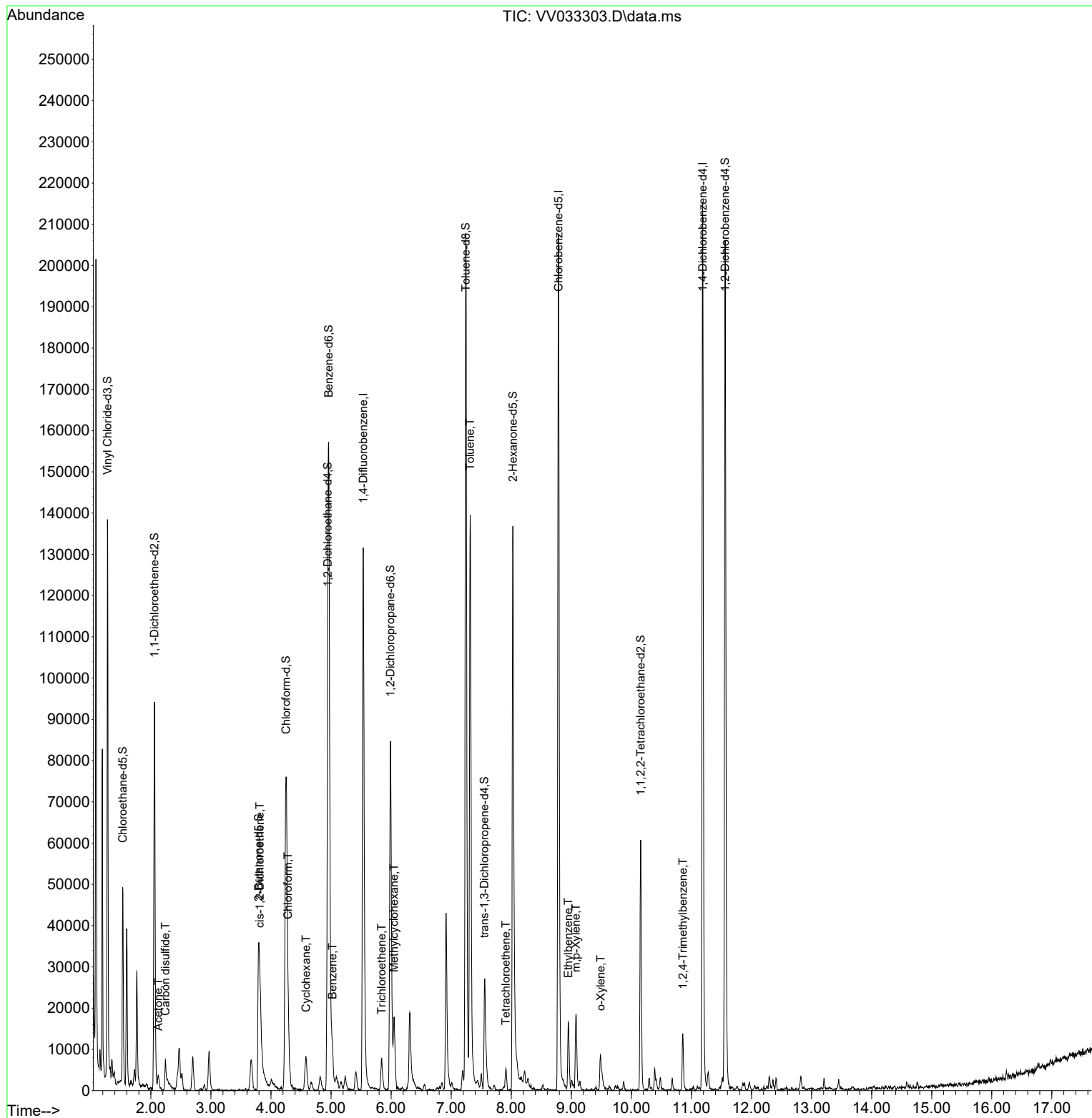
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	128356	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35881	4.361	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.532	69	28517	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.060	65	14674	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.793	46	49634	50.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	4.249	84	83013	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.944	65	39423	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.960	84	157512	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.989	67	38704	5.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.243	98	147101	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.555	79	16392	4.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.027	63	51095	55.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26492	5.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	57976	5.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
13) Acetone	2.124	43	4086	5.929	ug/L #	56
14) Carbon disulfide	2.243	76	6694	0.280	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	3799	0.413	ug/L	89
25) Chloroform	4.281	83	18286	1.111	ug/L	98
30) Cyclohexane	4.584	56	3610	0.331	ug/L #	95
33) Benzene	5.024	78	9614	0.291	ug/L	100
34) Trichloroethene	5.844	95	2293	0.238	ug/L #	81
35) Methylcyclohexane	6.050	83	7230	0.507	ug/L	97
42) Toluene	7.317	91	109191	2.885	ug/L	94
47) Tetrachloroethene	7.908	164	1218	0.134	ug/L	85
52) Ethylbenzene	8.950	91	12296	0.290	ug/L	92
53) m,p-Xylene	9.075	106	6239	0.358	ug/L	78
54) o-Xylene	9.487	106	2519	0.152	ug/L	78
63) 1,2,4-Trimethylbenzene	10.857	105	7941	0.233	ug/L	90

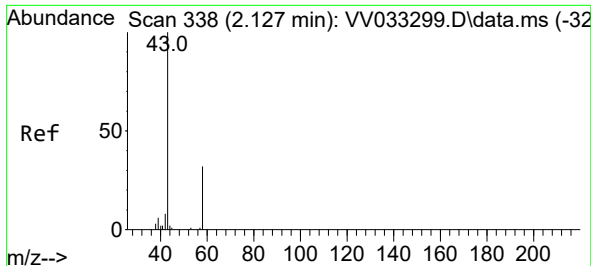
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.929 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Instrument :

MSVOA_V

ClientSampleId :

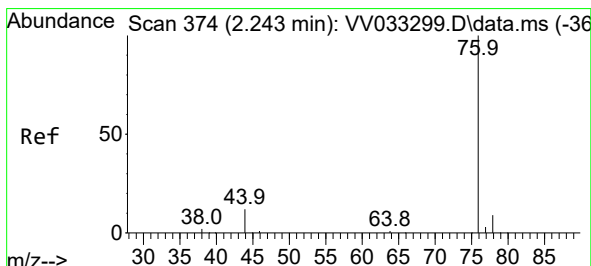
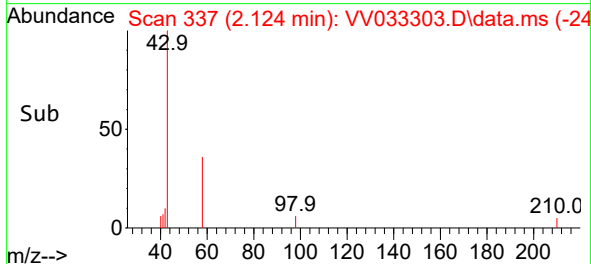
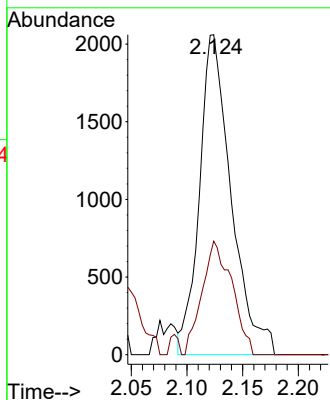
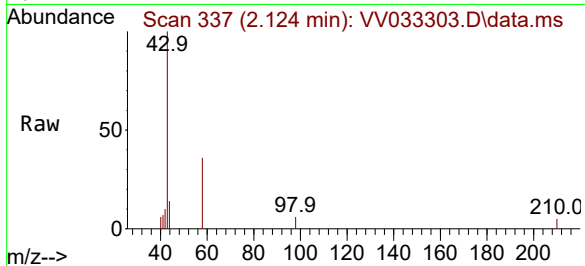
E0Y75

Tgt Ion: 43 Resp: 4086

Ion Ratio Lower Upper

43 100

58 33.5 0.0 30.2#



#14

Carbon disulfide

Concen: 0.280 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033303.D

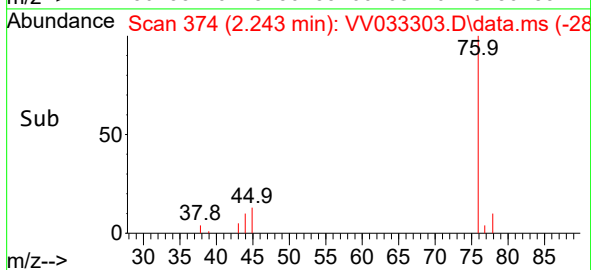
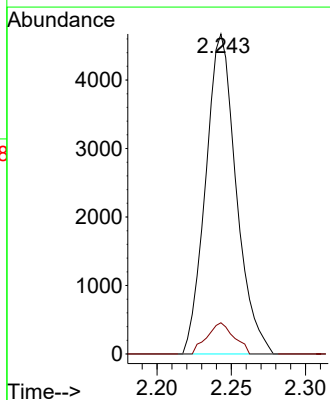
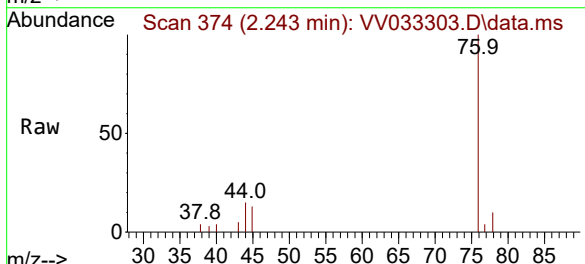
Acq: 14 Dec 2023 02:20

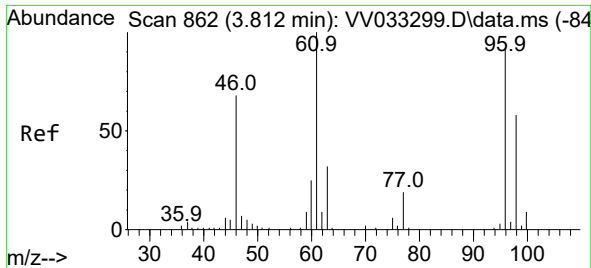
Tgt Ion: 76 Resp: 6694

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 0.413 ug/L

RT: 3.815 min Scan# 8

Delta R.T. 0.003 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Instrument :

MSVOA_V

ClientSampleId :

E0Y75

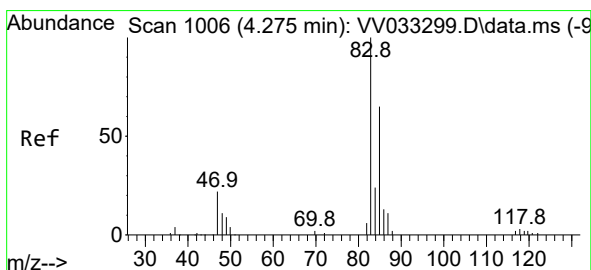
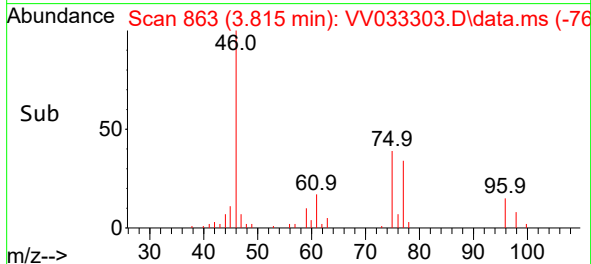
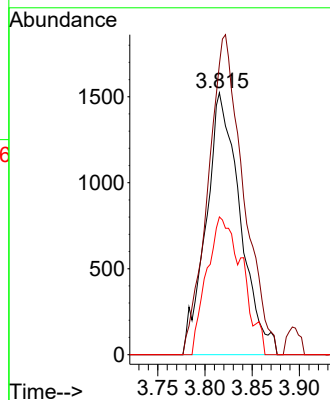
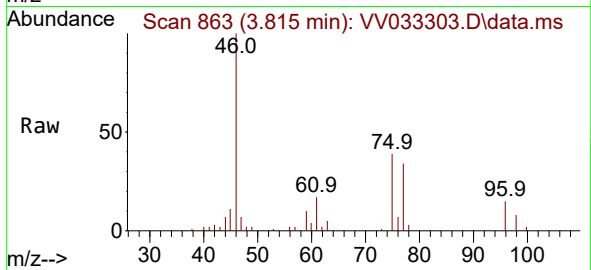
Tgt Ion: 96 Resp: 3799

Ion Ratio Lower Upper

96 100

61 110.9 69.9 129.9

98 52.6 42.4 78.8



#25

Chloroform

Concen: 1.111 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.007 min

Lab File: VV033303.D

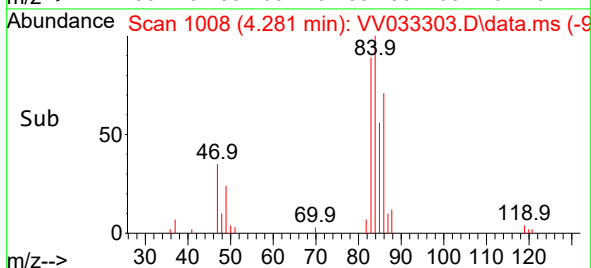
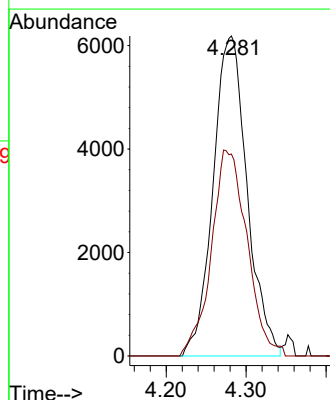
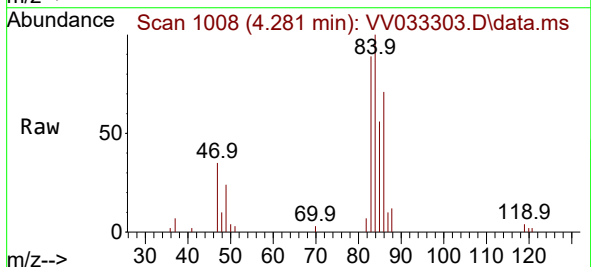
Acq: 14 Dec 2023 02:20

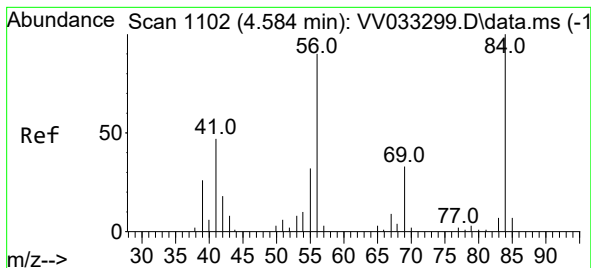
Tgt Ion: 83 Resp: 18286

Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1





#30

Cyclohexane

Concen: 0.331 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Instrument :

MSVOA_V

ClientSampleId :

E0Y75

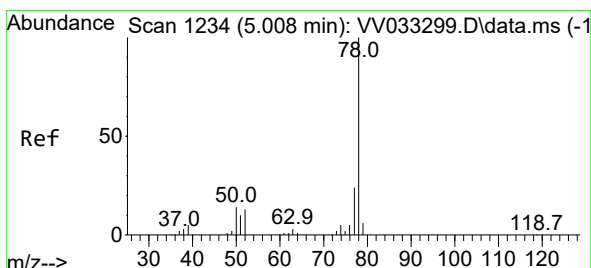
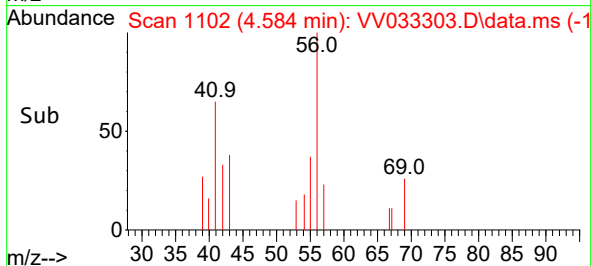
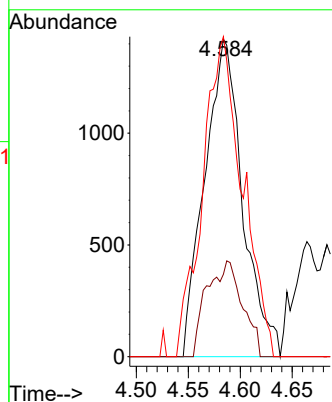
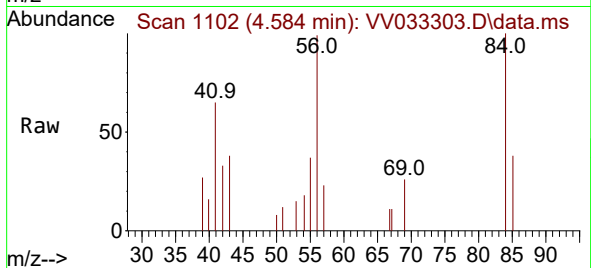
Tgt Ion: 56 Resp: 3610

Ion Ratio Lower Upper

56 100

69 28.1 28.8 43.2#

84 105.5 86.2 129.4



#33

Benzene

Concen: 0.291 ug/L

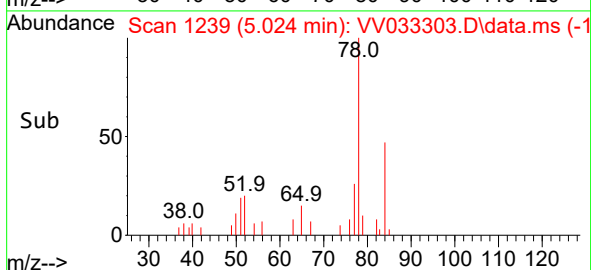
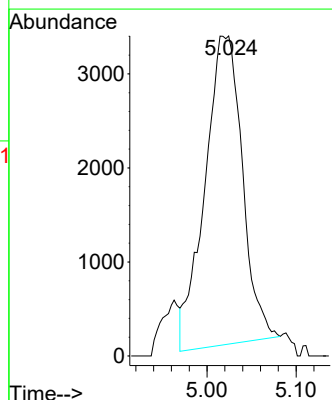
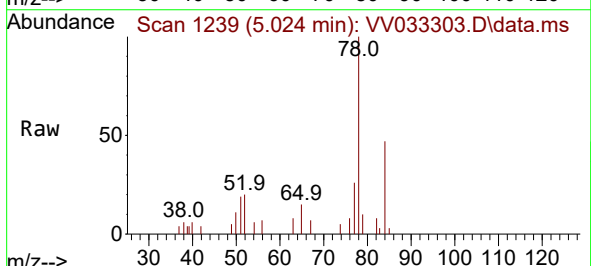
RT: 5.024 min Scan# 1239

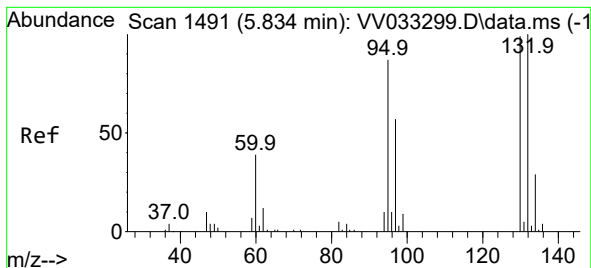
Delta R.T. 0.016 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Tgt Ion: 78 Resp: 9614





#34

Trichloroethene

Concen: 0.238 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.010 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Instrument :

MSVOA_V

ClientSampleId :

E0Y75

Tgt Ion: 95 Resp: 2293

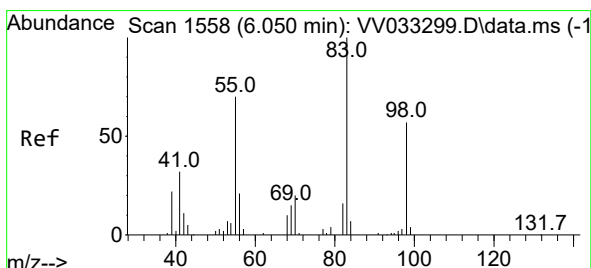
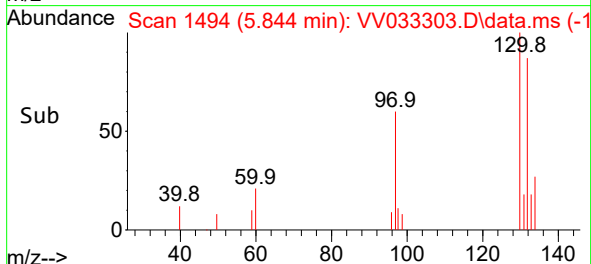
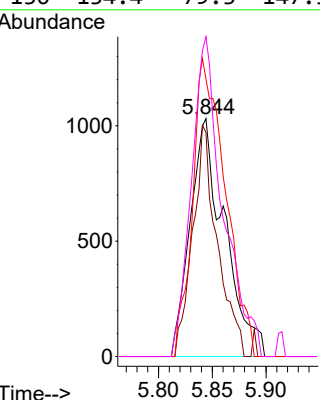
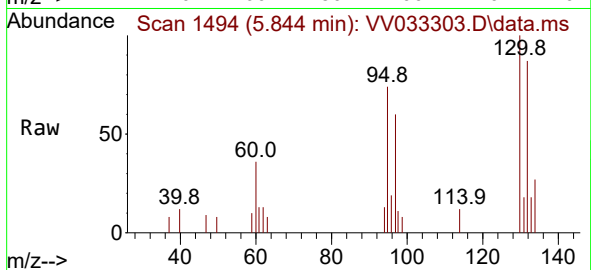
Ion Ratio Lower Upper

95 100

97 94.2 46.5 86.5#

132 116.6 75.1 139.5

130 134.4 79.3 147.3



#35

Methylcyclohexane

Concen: 0.507 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

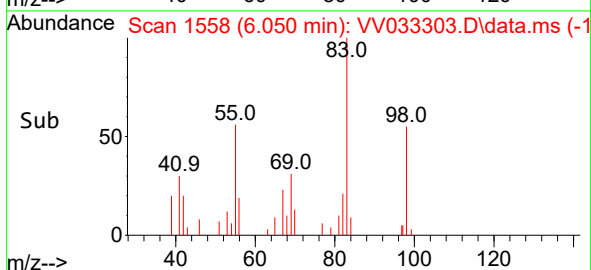
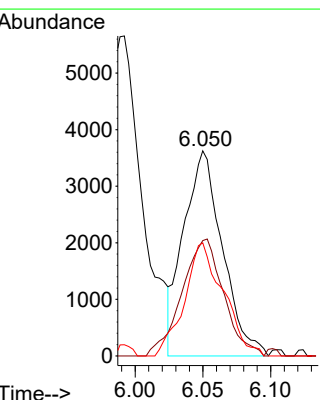
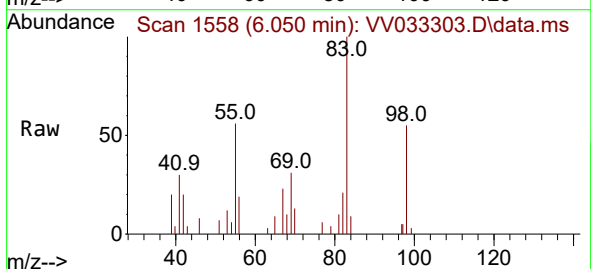
Tgt Ion: 83 Resp: 7230

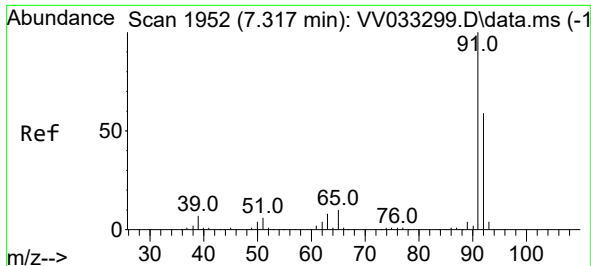
Ion Ratio Lower Upper

83 100

55 60.9 50.7 76.1

98 55.0 42.4 63.6

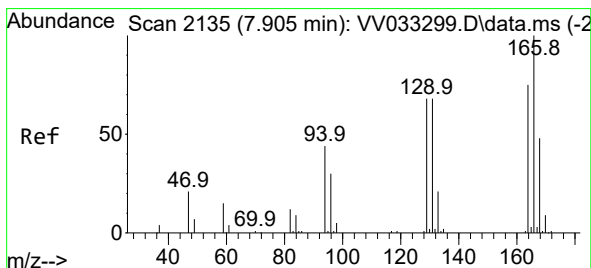
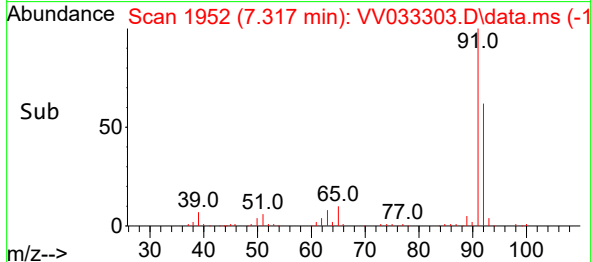
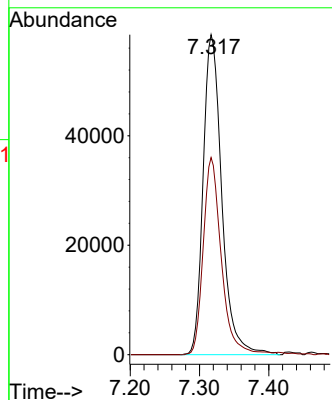
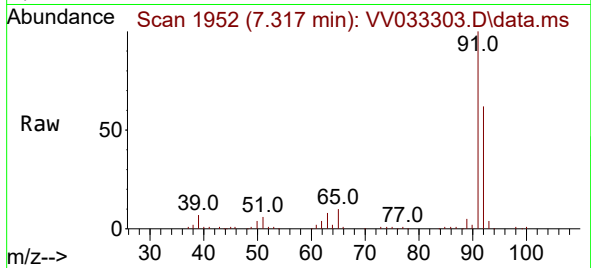




#42
Toluene
Concen: 2.885 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV033303.D
Acq: 14 Dec 2023 02:20

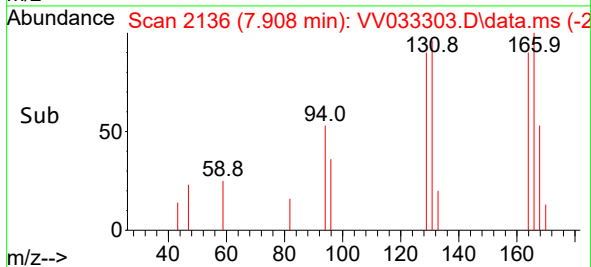
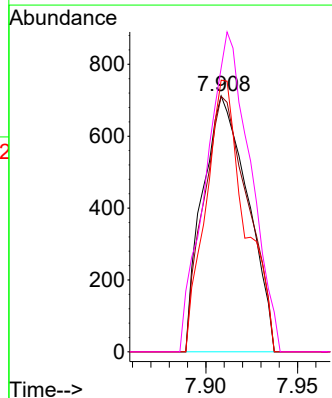
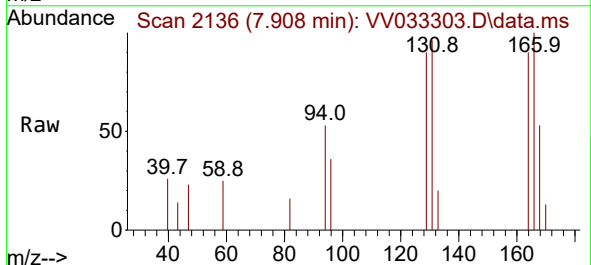
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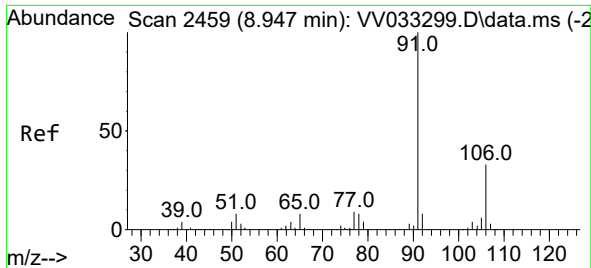
Tgt Ion: 91 Resp: 109191
Ion Ratio Lower Upper
91 100
92 61.6 40.2 74.6



#47
Tetrachloroethene
Concen: 0.134 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033303.D
Acq: 14 Dec 2023 02:20

Tgt Ion: 164 Resp: 1218
Ion Ratio Lower Upper
164 100
129 99.9 62.6 116.3
131 106.2 62.6 116.3
166 111.0 90.2 167.6





#52

Ethylbenzene

Concen: 0.290 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Instrument :

MSVOA_V

ClientSampleId :

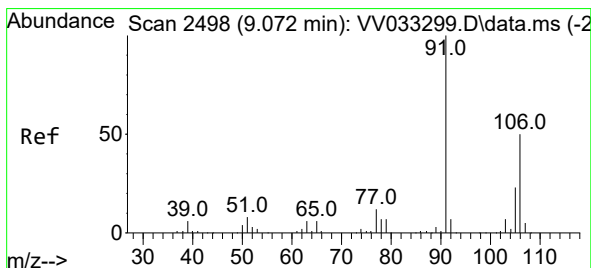
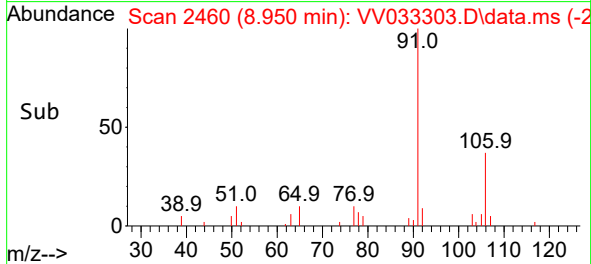
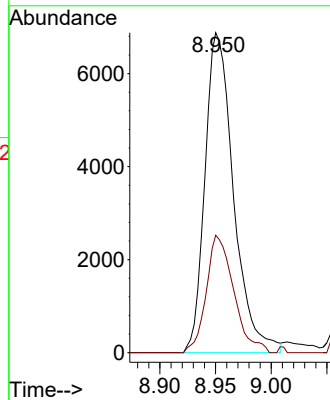
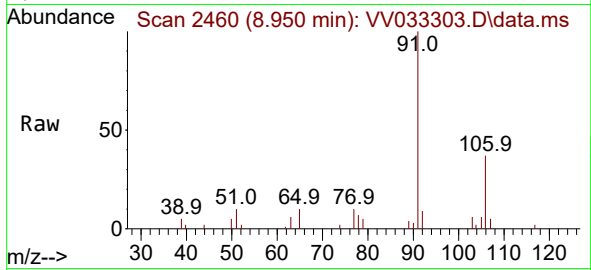
E0Y75

Tgt Ion: 91 Resp: 12296

Ion Ratio Lower Upper

91 100

106 36.7 22.7 42.3



#53

m,p-Xylene

Concen: 0.358 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV033303.D

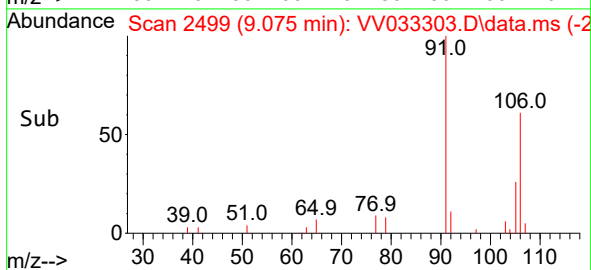
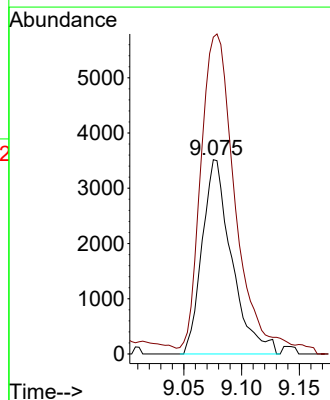
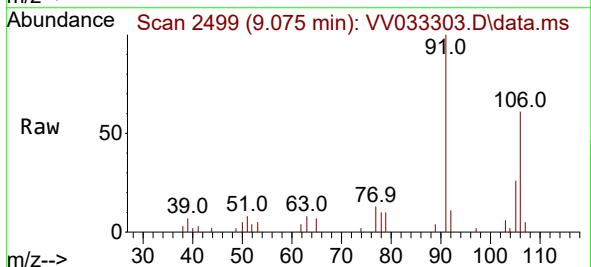
Acq: 14 Dec 2023 02:20

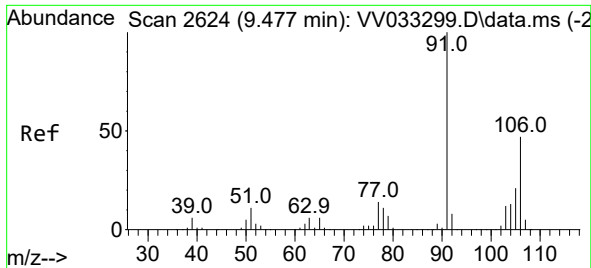
Tgt Ion: 106 Resp: 6239

Ion Ratio Lower Upper

106 100

91 163.0 136.8 254.0





#54

o-Xylene

Concen: 0.152 ug/L

RT: 9.487 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Instrument :

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ClientSampleId :

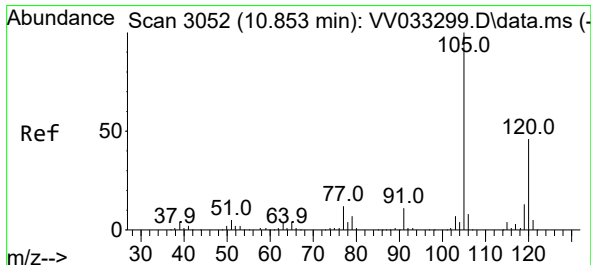
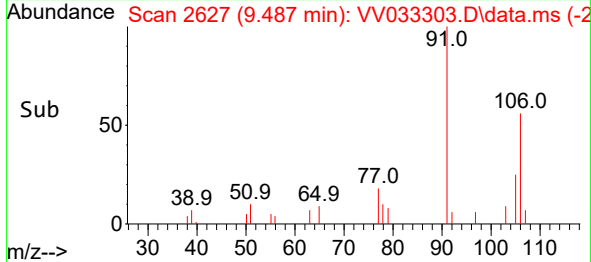
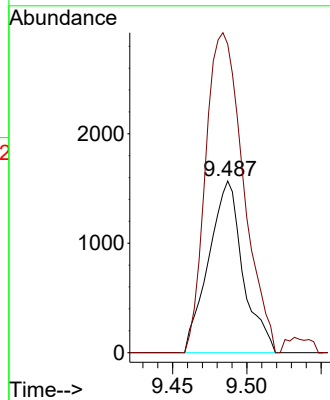
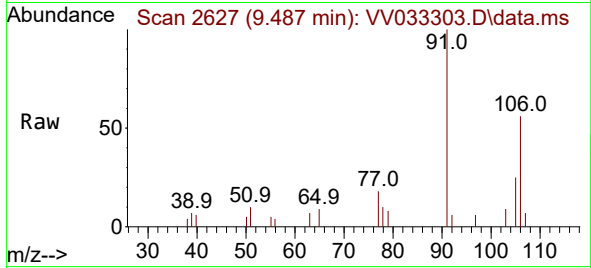
E0Y75

Tgt Ion:106 Resp: 2519

Ion Ratio Lower Upper

106 100

91 179.8 149.9 278.5



#63

1,2,4-Trimethylbenzene

Concen: 0.233 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV033303.D

Acq: 14 Dec 2023 02:20

Tgt Ion:105 Resp: 7941

Ion Ratio Lower Upper

105 100

120 54.6 38.1 57.1

