

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
 Data File : VV034366.D
 Acq On : 23 Feb 2024 11:20
 Operator : SY/MD
 Sample : P1566-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

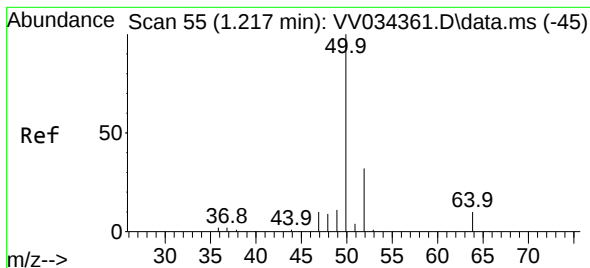
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:46:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	66987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	62910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	30872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25167	4.851	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.532	69	20845	4.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.060	65	11686	4.671	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.400%	
20) 2-Butanone-d5	3.799	46	44994	51.640	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.280%	
24) Chloroform-d	4.253	84	43486	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	4.947	65	22757	5.166	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	4.960	84	81754	4.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	5.992	67	23809	4.513	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.246	98	74755	4.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	7.564	79	7526	3.778	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.027	63	35147	49.421	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.840%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16837	5.264	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	26069	4.643	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2477	0.370	ug/L	95
8) Chloroethane	1.323	64	41569	9.523	ug/L #	51
13) Acetone	2.127	43	9522	14.405	ug/L #	36
14) Carbon disulfide	2.243	76	2910	0.192	ug/L	98
15) Methyl Acetate	2.301	43	892	0.570	ug/L #	53
35) Methylcyclohexane	5.992	83	5905	0.689	ug/L #	30
37) 1,2-Dichloropropane	5.992	63	3027	0.662	ug/L #	90
42) Toluene	7.336	91	1687	0.084	ug/L	93
55) Styrene	9.522	104	844	0.062	ug/L	92
61) 1,2,3-Trichloropropane	11.182	75	3669	1.729	ug/L #	61

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



#3

Chloromethane

Concen: 0.370 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

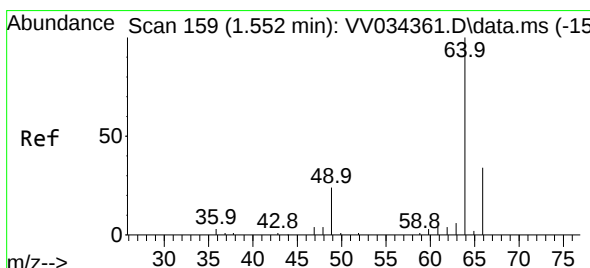
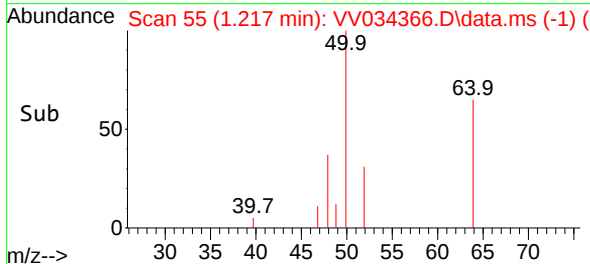
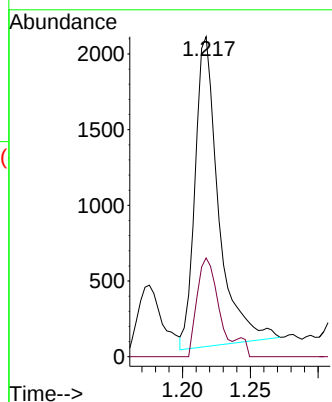
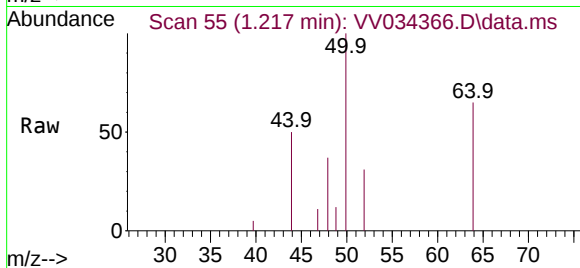
ClientSampleId :

Tgt Ion: 50 Resp: 2477

Ion Ratio Lower Upper

50 100

52 30.8 23.4 43.4



#8

Chloroethane

Concen: 9.523 ug/L

RT: 1.323 min Scan# 88

Delta R.T. -0.228 min

Lab File: VV034366.D

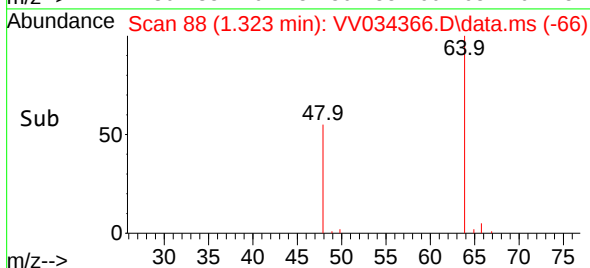
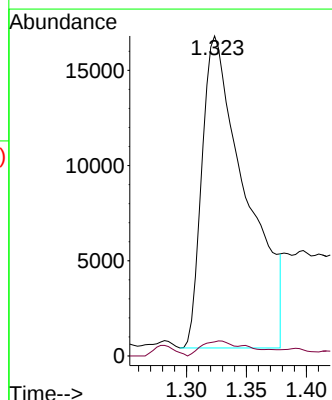
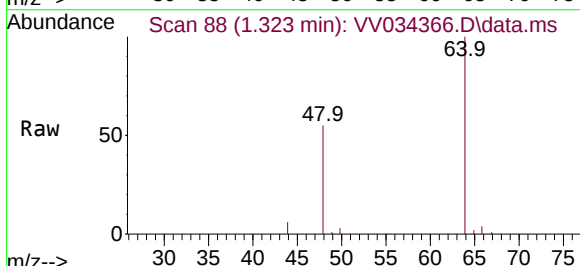
Acq: 23 Feb 2024 11:20

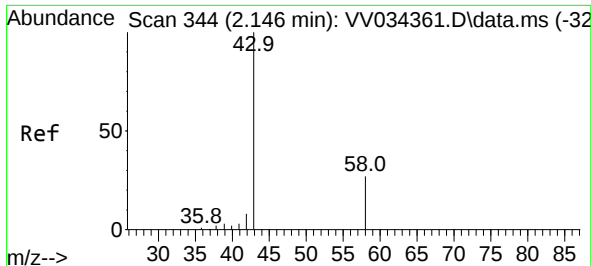
Tgt Ion: 64 Resp: 41569

Ion Ratio Lower Upper

64 100

66 4.4 22.0 41.0#





#13

Acetone

Concen: 14.405 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV034366.D

Acq: 23 Feb 2024 11:20

Instrument :

MSVOA_V

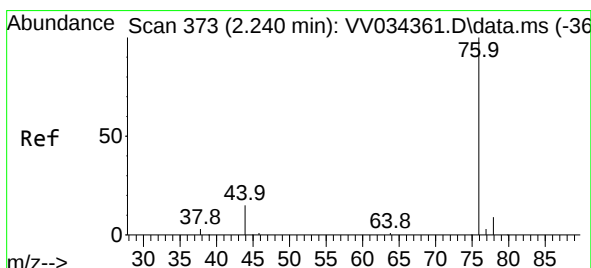
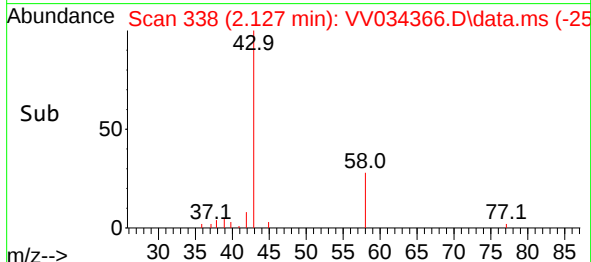
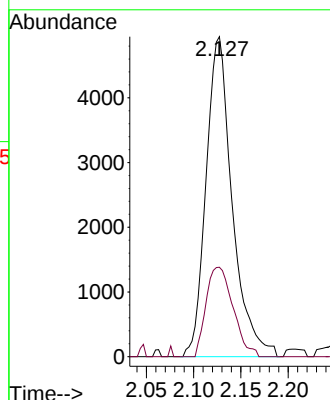
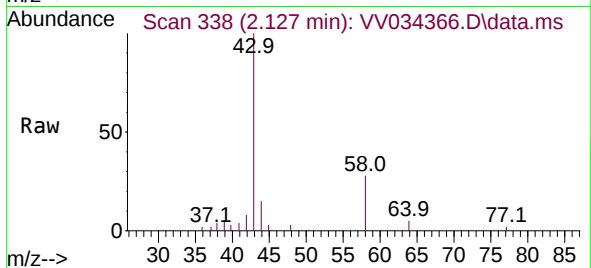
ClientSampleId :

Tgt Ion: 43 Resp: 9522

Ion Ratio Lower Upper

43 100

58 28.8 0.0 13.8#



#14

Carbon disulfide

Concen: 0.192 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034366.D

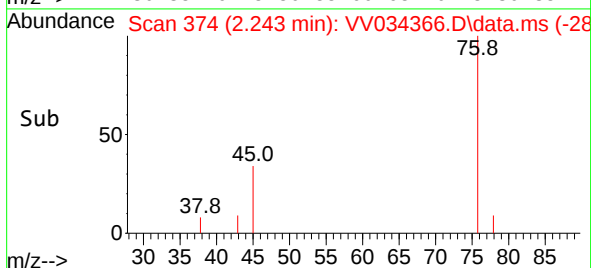
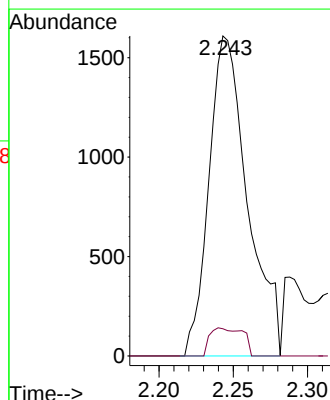
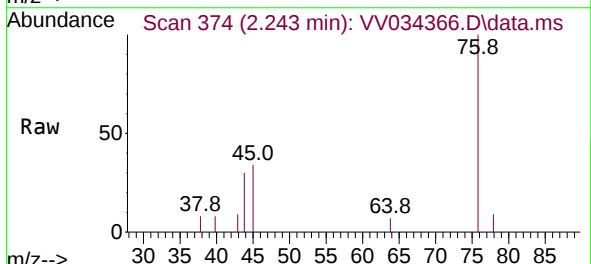
Acq: 23 Feb 2024 11:20

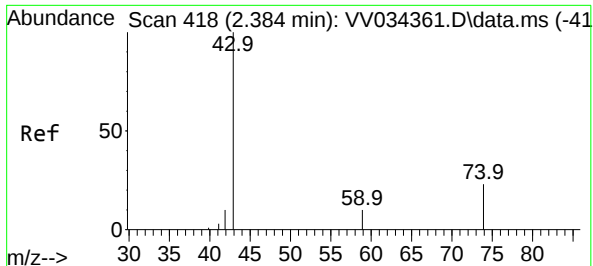
Tgt Ion: 76 Resp: 2910

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3

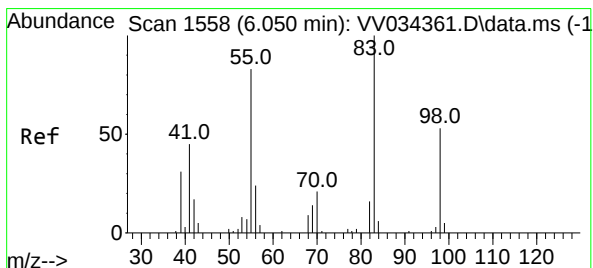
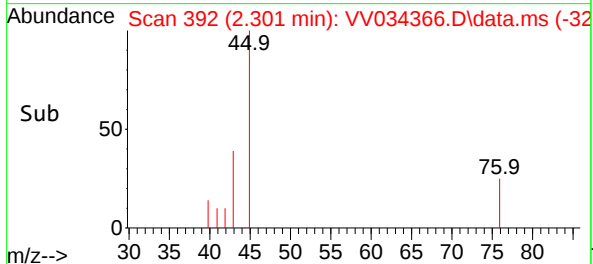
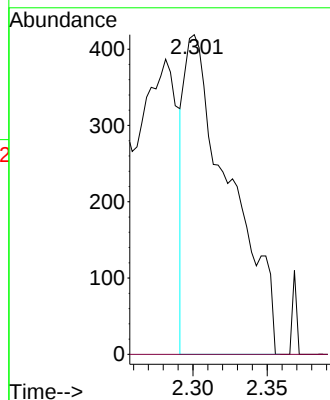
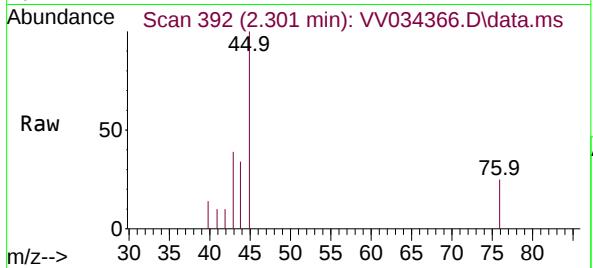




#15
Methyl Acetate
Concen: 0.570 ug/L
RT: 2.301 min Scan# 31
Delta R.T. -0.084 min
Lab File: VV034366.D
Acq: 23 Feb 2024 11:20

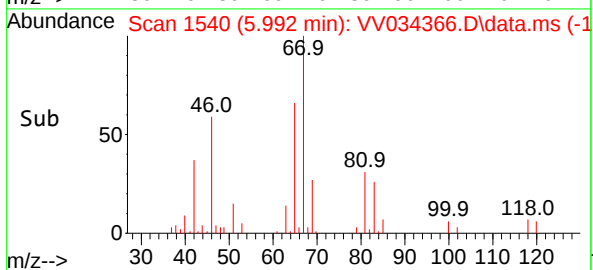
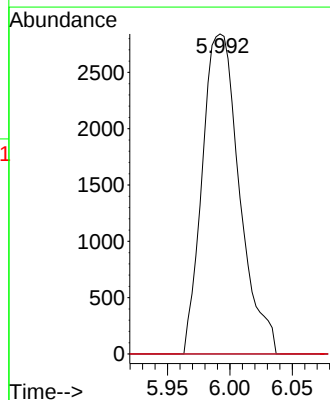
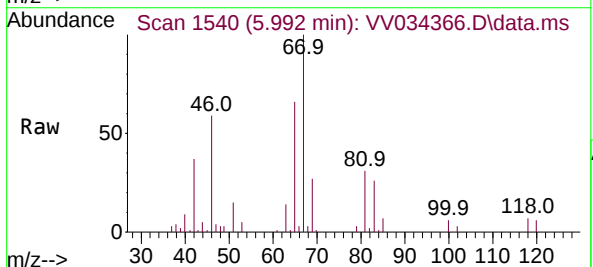
Instrument :
MSVOA_V
ClientSampleId :

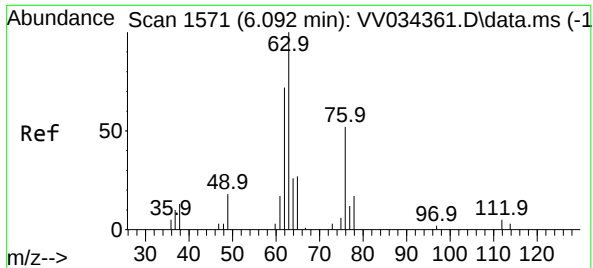
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034366.D
Acq: 23 Feb 2024 11:20

Tgt Ion: 83 Resp: 5905
Ion Ratio Lower Upper
83 100
55 18.5 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034366.D

Acq: 23 Feb 2024 11:20

Instrument :

MSVOA_V

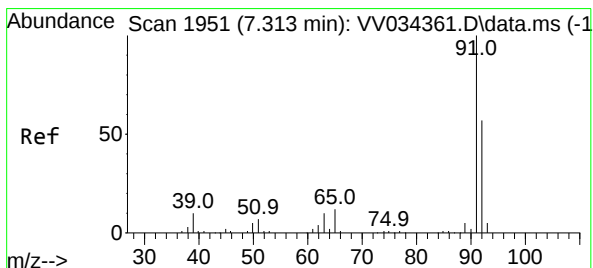
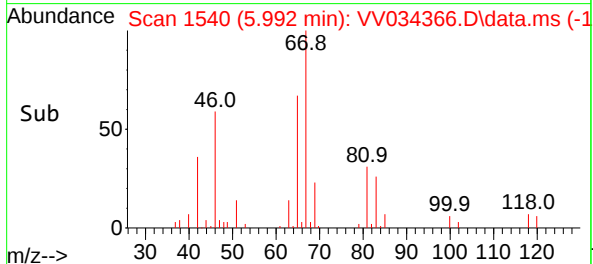
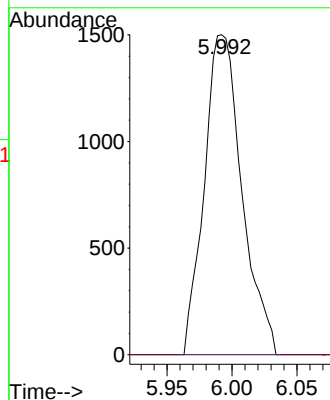
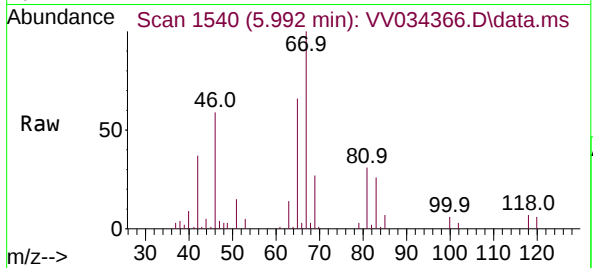
ClientSampleId :

Tgt Ion: 63 Resp: 3027

Ion Ratio Lower Upper

63 100

112 7.5 3.4 5.0#



#42

Toluene

Concen: 0.084 ug/L

RT: 7.336 min Scan# 1958

Delta R.T. 0.023 min

Lab File: VV034366.D

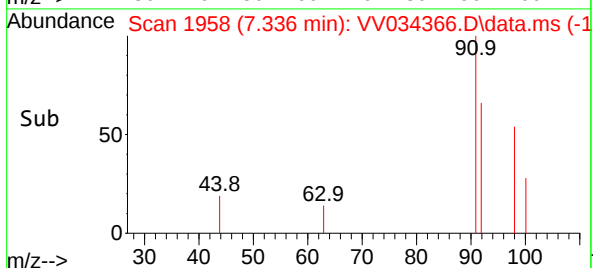
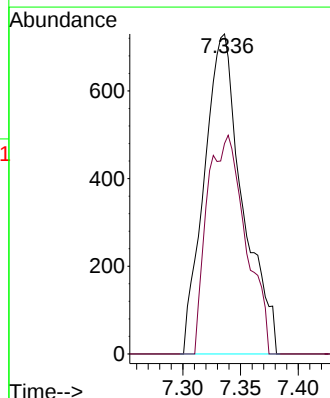
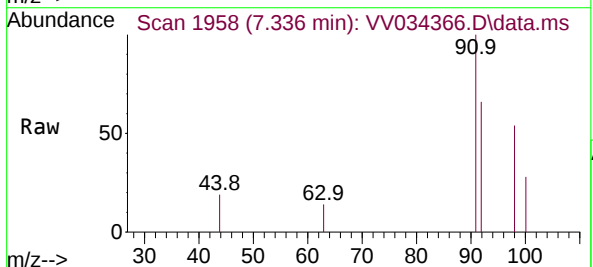
Acq: 23 Feb 2024 11:20

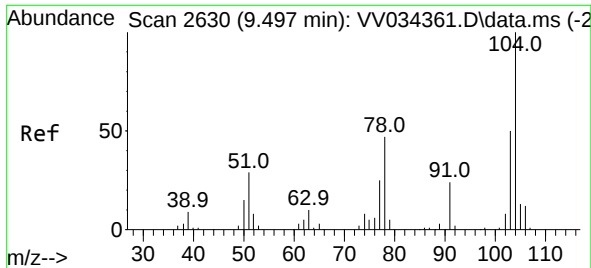
Tgt Ion: 91 Resp: 1687

Ion Ratio Lower Upper

91 100

92 65.8 42.1 78.3

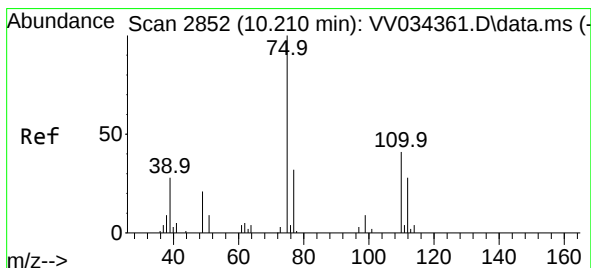
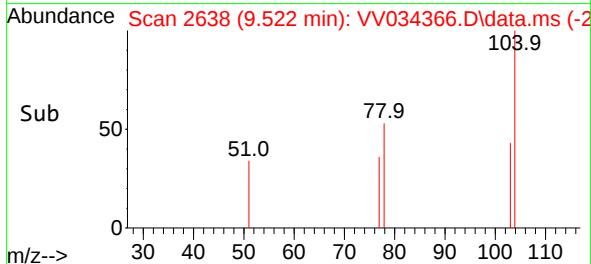
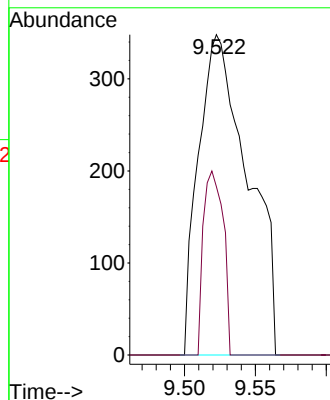
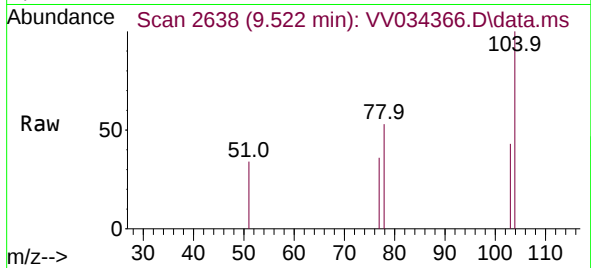




#55
Styrene
Concen: 0.062 ug/L
RT: 9.522 min Scan# 20
Delta R.T. 0.026 min
Lab File: VV034366.D
Acq: 23 Feb 2024 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 844
Ion Ratio Lower Upper
104 100
78 52.6 32.9 61.1



#61
1,2,3-Trichloropropane
Concen: 1.729 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.971 min
Lab File: VV034366.D
Acq: 23 Feb 2024 11:20

Tgt Ion: 75 Resp: 3669
Ion Ratio Lower Upper
75 100
77 36.8 26.9 40.3
110 0.5 33.3 49.9#

