

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032342.D
 Acq On : 09 Oct 2023 21:00
 Operator : SY/MD
 Sample : 04748-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 10 05:59:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	101111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	47610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40965	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.532	69	32142	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.060	65	14824	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.809	46	89050	42.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.620%
24) Chloroform-d	4.253	84	64174	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.947	65	31418	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	4.963	84	122991	3.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.992	67	40199	3.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.246	98	114145	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.561	79	13916	3.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.031	63	78945	45.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33414	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40320	4.564	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
13) Acetone	2.137	43	2802	1.748	ug/L	77
15) Methyl Acetate	2.474	43	6216	1.722	ug/L #	53
18) trans-1,2-Dichloroethene	2.696	96	14210	1.673	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	12908	1.411	ug/L	97
25) Chloroform	4.285	83	25443	1.623	ug/L	97
30) Cyclohexane	4.587	56	2470	0.153	ug/L	97
31) Carbon tetrachloride	4.738	117	177760	14.318	ug/L	99
34) Trichloroethene	5.838	95	54373	5.242	ug/L	98
35) Methylcyclohexane	6.053	83	5436	0.339	ug/L #	81
39) cis-1,3-Dichloropropene	6.915	75	983	0.068	ug/L #	57
42) Toluene	7.326	91	13833	0.342	ug/L	98
52) Ethylbenzene	8.957	91	4858	0.108	ug/L	94
53) m,p-Xylene	9.085	106	3272	0.196	ug/L	92
54) o-Xylene	9.490	106	1270	0.079	ug/L	96
61) 1,2,3-Trichloropropane	11.188	75	6011	1.186	ug/L #	68
63) 1,2,4-Trimethylbenzene	10.860	105	3589	0.120	ug/L	99

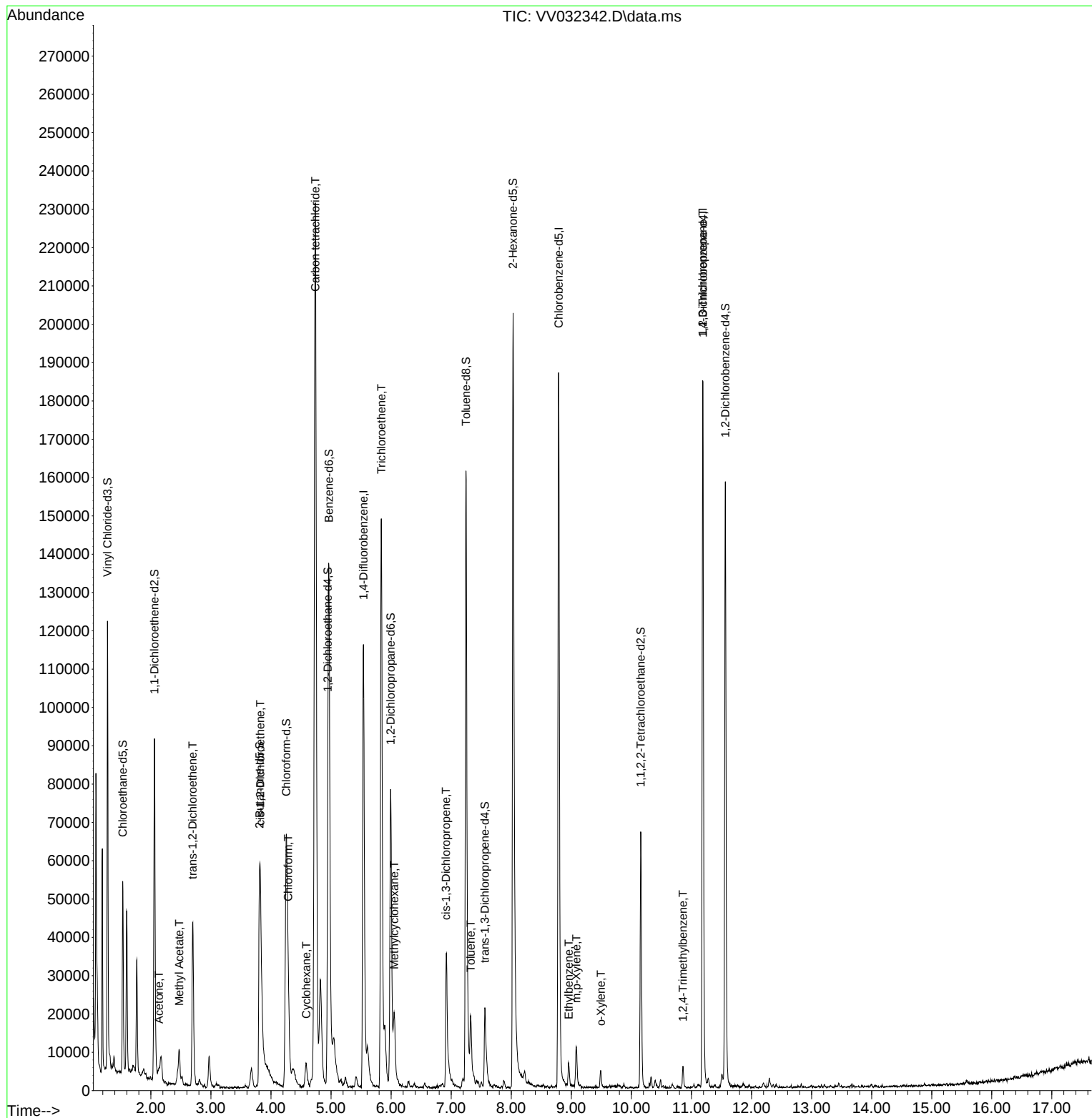
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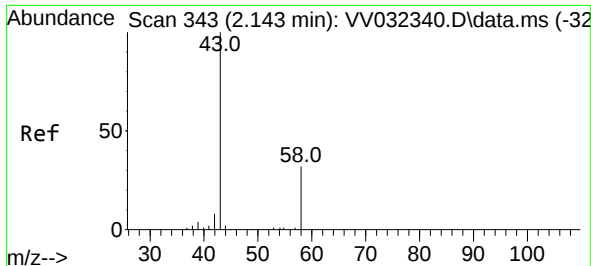
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
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Quant Time: Oct 10 05:59:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 10 05:42:01 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.748 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Instrument :

MSVOA_V

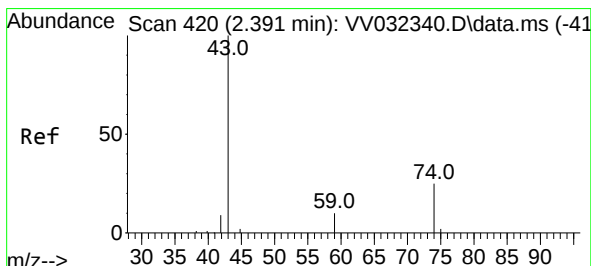
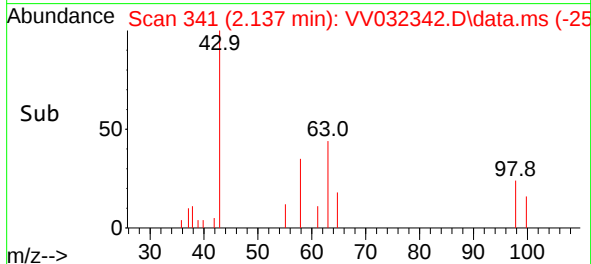
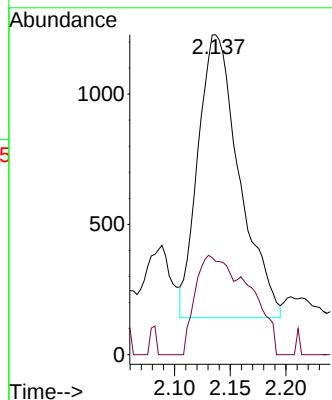
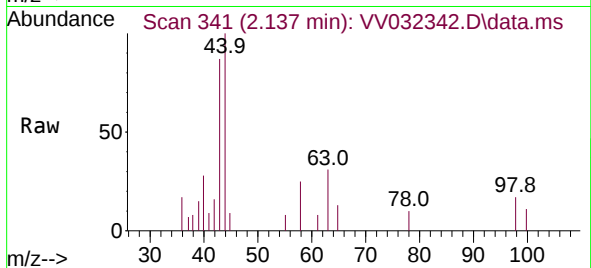
ClientSampleId :

Tgt Ion: 43 Resp: 2802

Ion Ratio Lower Upper

43 100

58 45.8 0.0 66.0



#15

Methyl Acetate

Concen: 1.722 ug/L

RT: 2.474 min Scan# 446

Delta R.T. 0.084 min

Lab File: VV032342.D

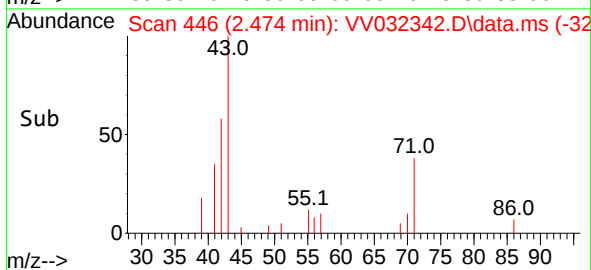
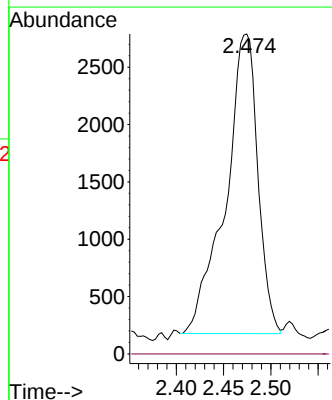
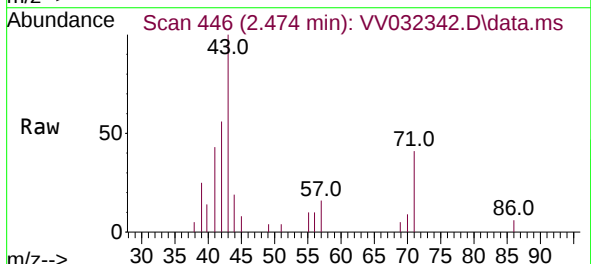
Acq: 09 Oct 2023 21:00

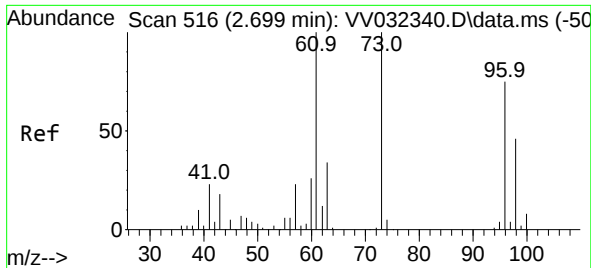
Tgt Ion: 43 Resp: 6216

Ion Ratio Lower Upper

43 100

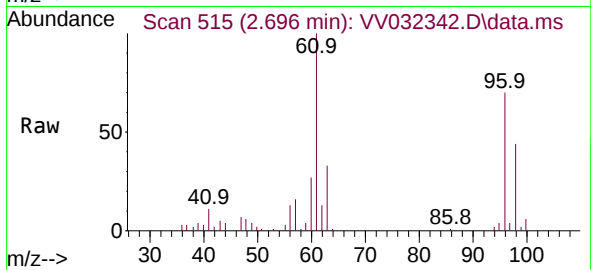
74 0.0 18.0 27.0#





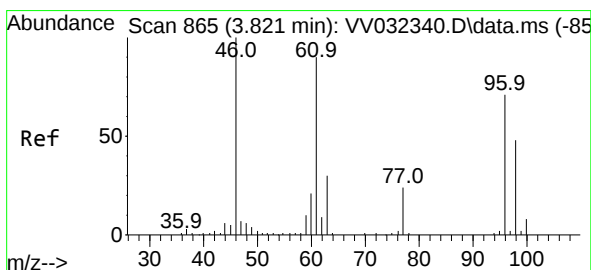
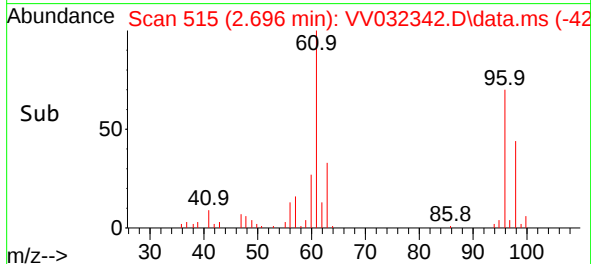
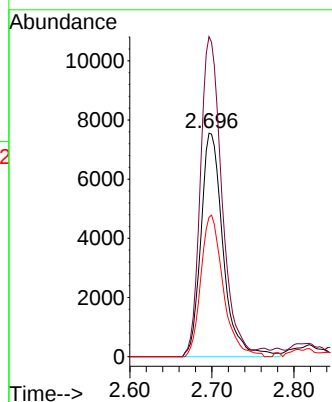
#18
 trans-1,2-Dichloroethene
 Concen: 1.673 ug/L
 RT: 2.696 min Scan# 516
 Delta R.T. -0.003 min
 Lab File: VV032342.D
 Acq: 09 Oct 2023 21:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 14210

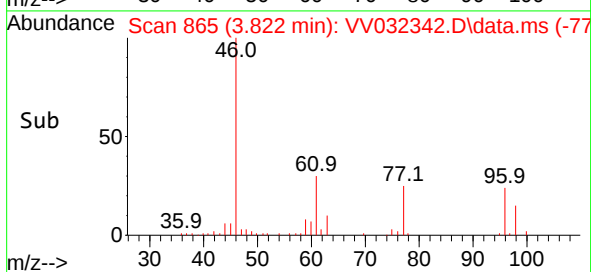
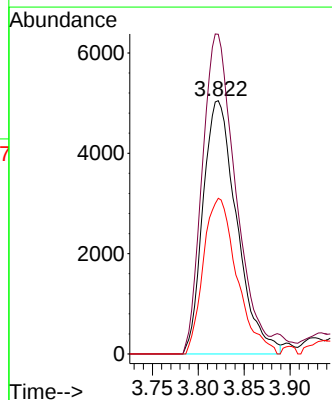
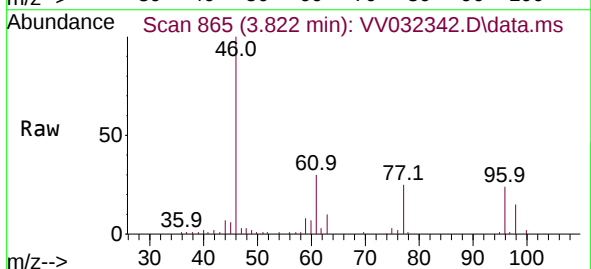
Ion	Ratio	Lower	Upper
96	100		
61	143.2	96.9	180.1
98	62.4	45.3	84.1

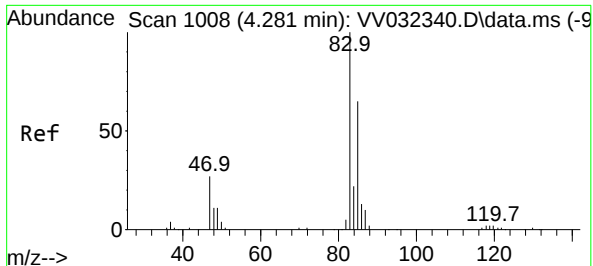


#22
 cis-1,2-Dichloroethene
 Concen: 1.411 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV032342.D
 Acq: 09 Oct 2023 21:00

Tgt Ion: 96 Resp: 12908

Ion	Ratio	Lower	Upper
96	100		
61	126.2	85.8	159.4
98	61.5	44.0	81.6





#25

Chloroform

Concen: 1.623 ug/L

RT: 4.285 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Instrument :

MSVOA_V

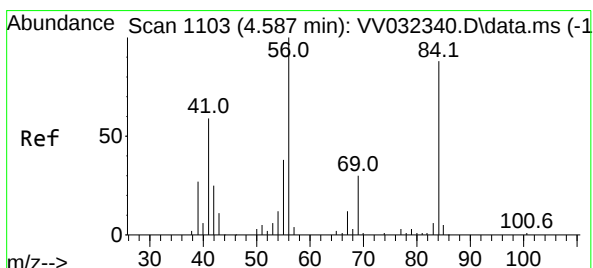
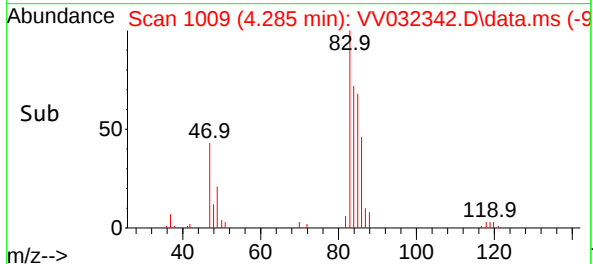
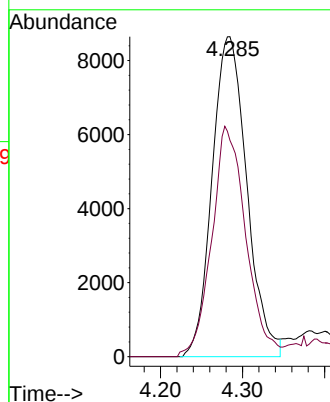
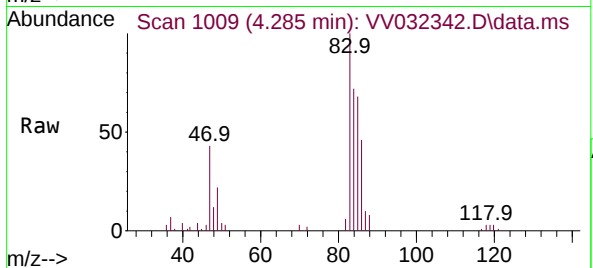
ClientSampleId :

Tgt Ion: 83 Resp: 25443

Ion Ratio Lower Upper

83 100

85 67.6 45.4 84.4



#30

Cyclohexane

Concen: 0.153 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

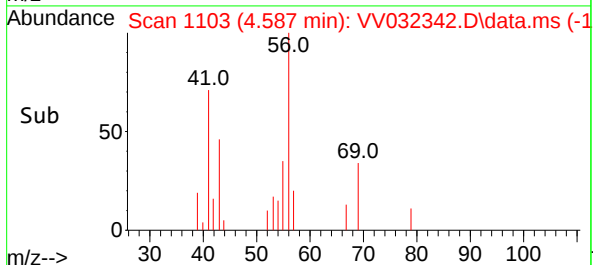
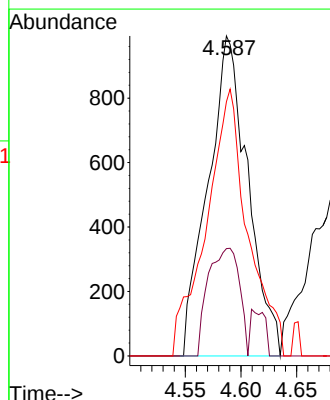
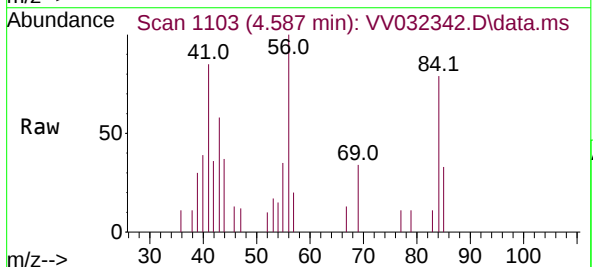
Tgt Ion: 56 Resp: 2470

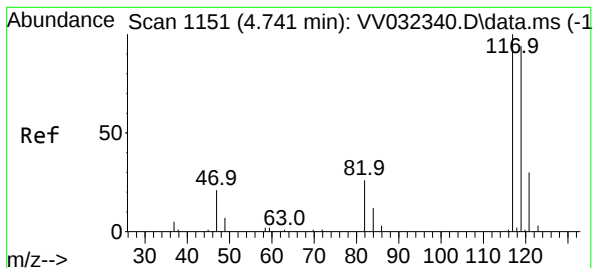
Ion Ratio Lower Upper

56 100

69 26.3 24.2 36.2

84 86.6 68.1 102.1





#31

Carbon tetrachloride

Concen: 14.318 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Instrument :

MSVOA_V

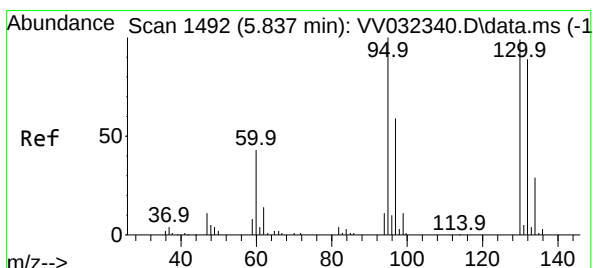
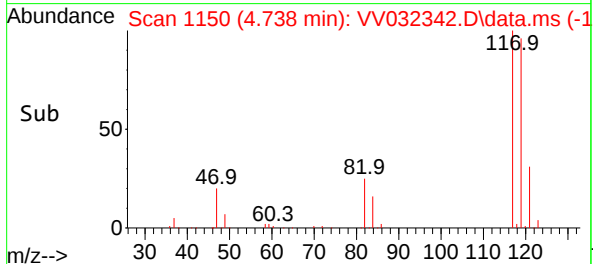
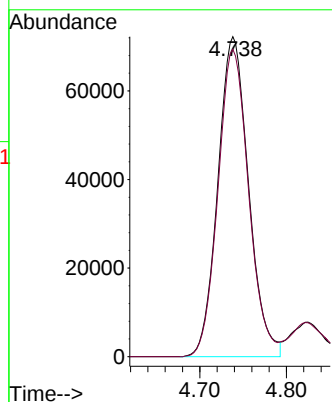
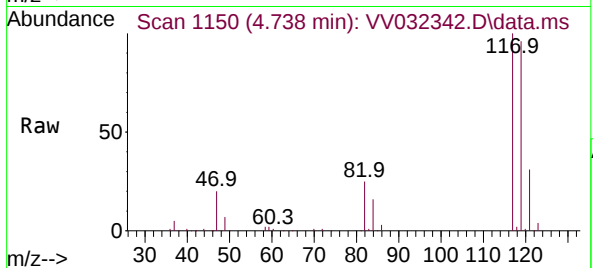
ClientSampleId :

Tgt Ion:117 Resp: 177760

Ion Ratio Lower Upper

117 100

119 95.8 77.6 116.4



#34

Trichloroethene

Concen: 5.242 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.000 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Tgt Ion: 95 Resp: 54373

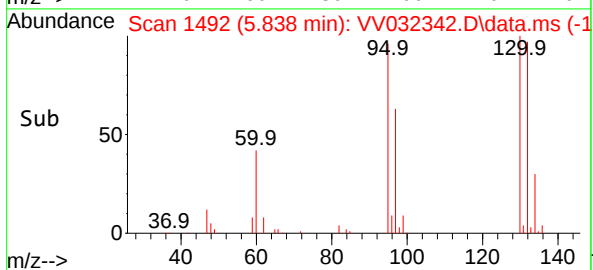
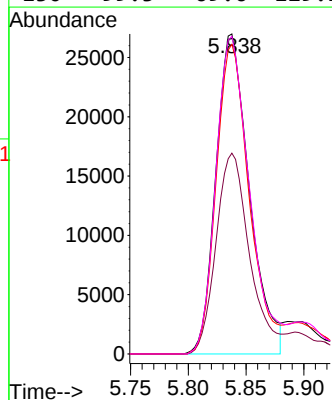
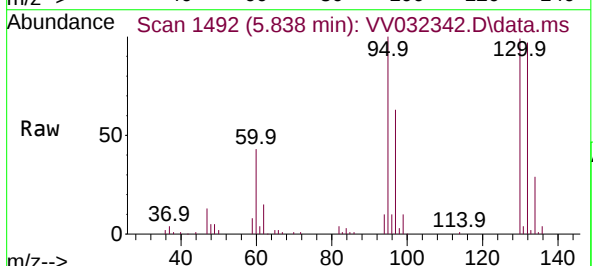
Ion Ratio Lower Upper

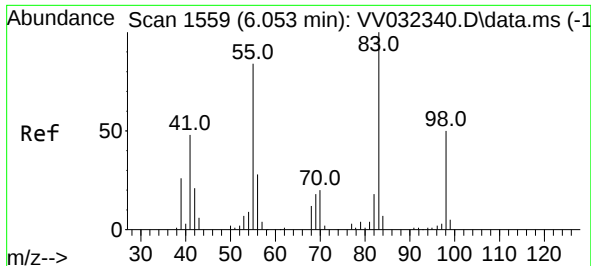
95 100

97 62.7 45.7 84.9

132 96.7 70.3 130.5

130 99.3 69.6 129.2

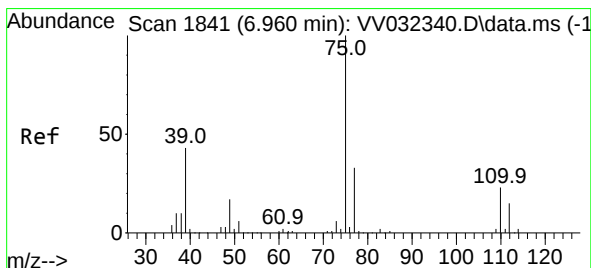
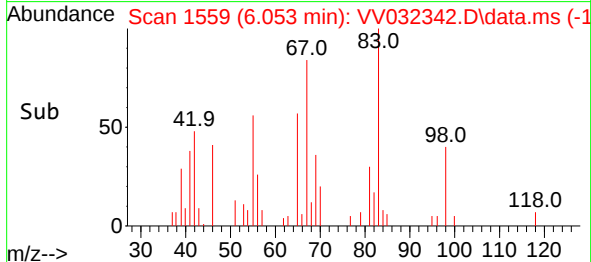
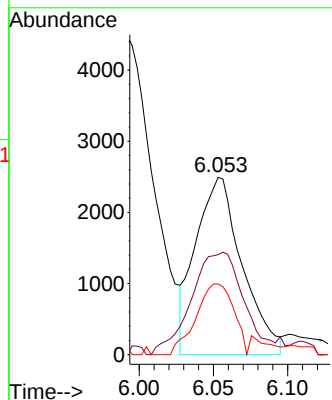
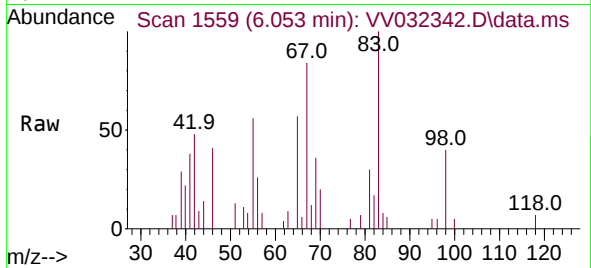




#35
Methylcyclohexane
Concen: 0.339 ug/L
RT: 6.053 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032342.D
Acq: 09 Oct 2023 21:00

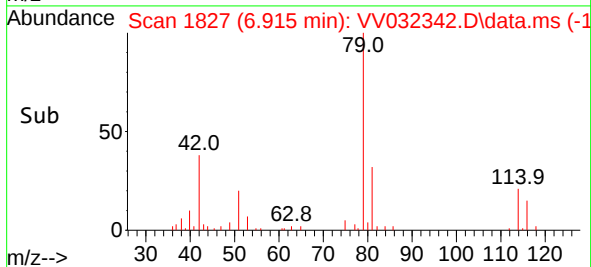
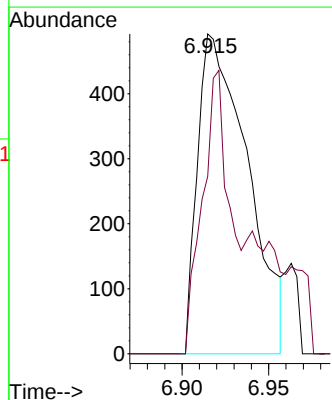
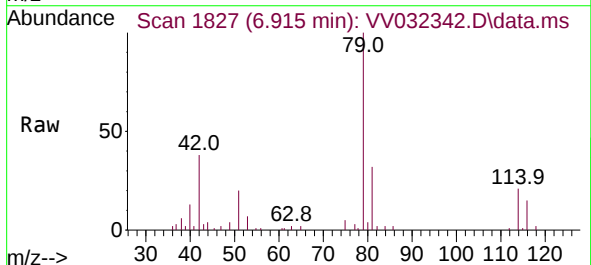
Instrument :
MSVOA_V
ClientSampleId :

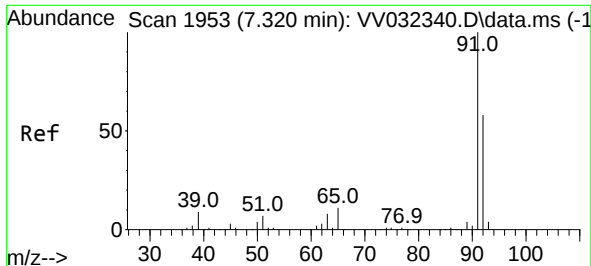
Tgt Ion: 83 Resp: 5436
Ion Ratio Lower Upper
83 100
55 67.0 64.2 96.2
98 32.2 39.6 59.4#



#39
cis-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.045 min
Lab File: VV032342.D
Acq: 09 Oct 2023 21:00

Tgt Ion: 75 Resp: 983
Ion Ratio Lower Upper
75 100
77 55.5 22.2 41.2#





#42

Toluene

Concen: 0.342 ug/L

RT: 7.326 min Scan# 1953

Delta R.T. 0.007 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Instrument :

MSVOA_V

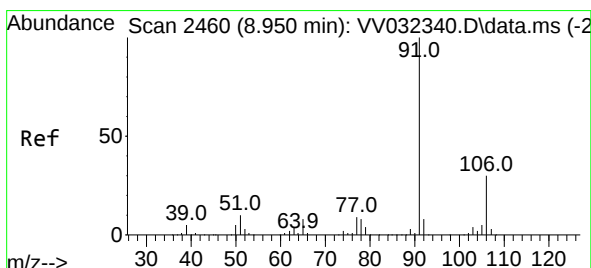
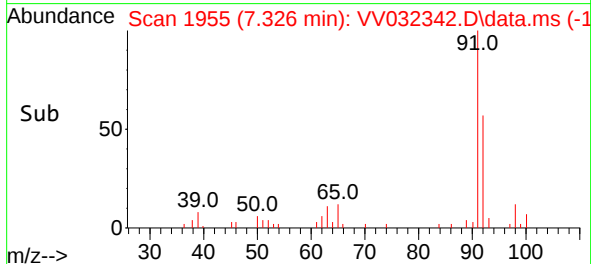
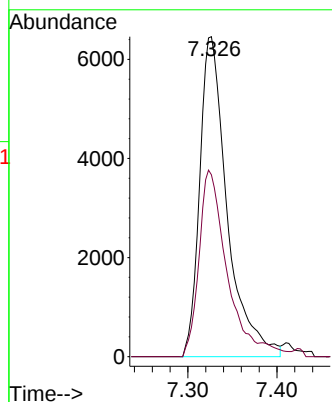
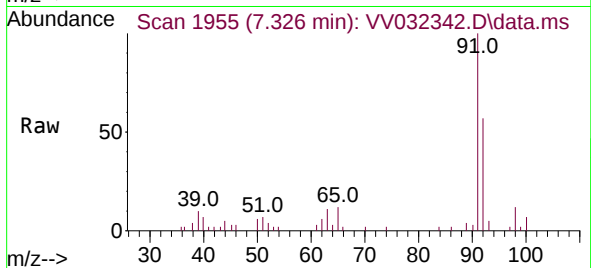
ClientSampleId :

Tgt Ion: 91 Resp: 13833

Ion Ratio Lower Upper

91 100

92 56.8 40.8 75.8



#52

Ethylbenzene

Concen: 0.108 ug/L

RT: 8.957 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032342.D

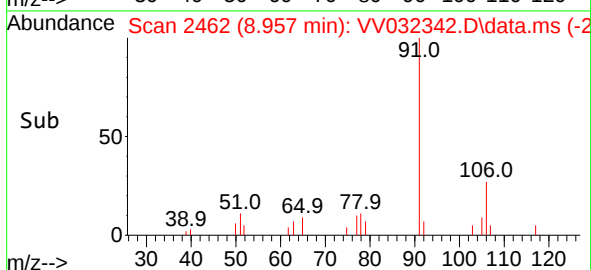
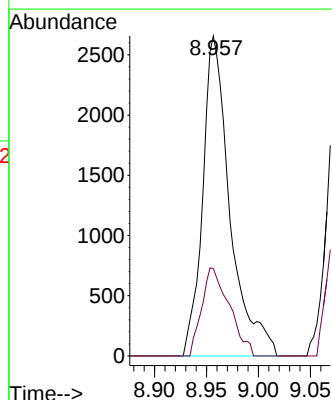
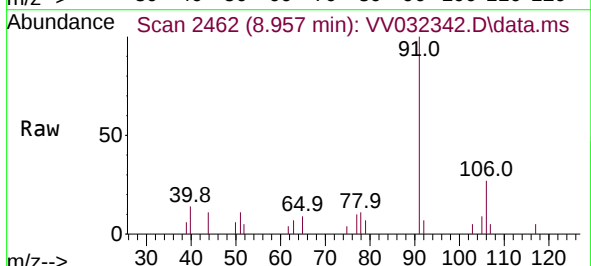
Acq: 09 Oct 2023 21:00

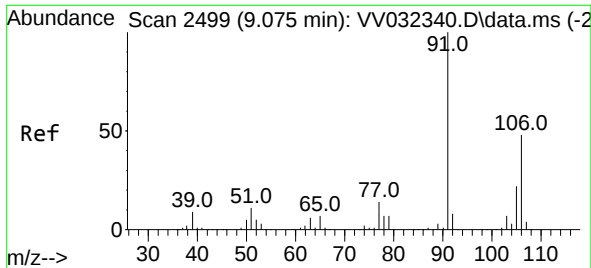
Tgt Ion: 91 Resp: 4858

Ion Ratio Lower Upper

91 100

106 27.3 21.3 39.5

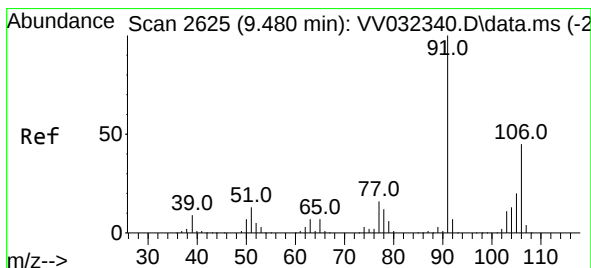
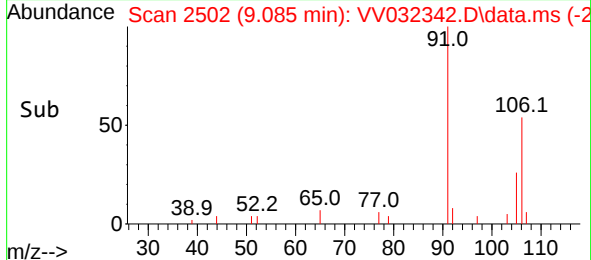
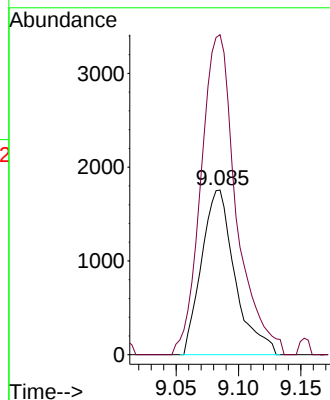
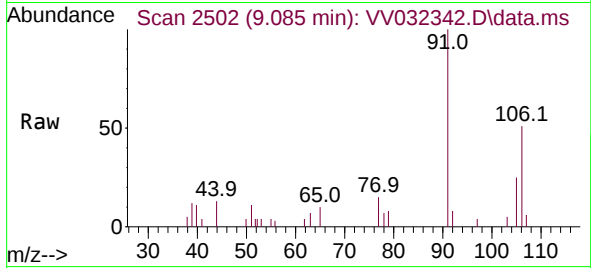




#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV032342.D
Acq: 09 Oct 2023 21:00

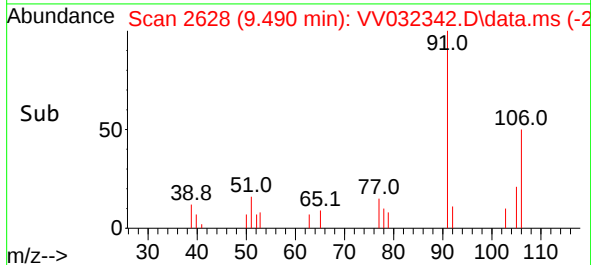
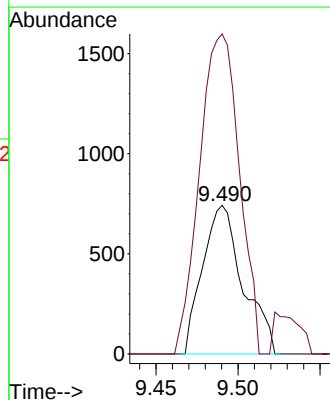
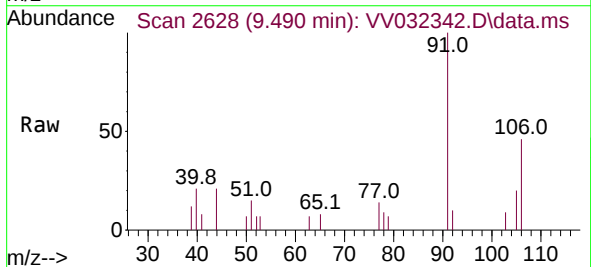
Instrument :
MSVOA_V
ClientSampleId :

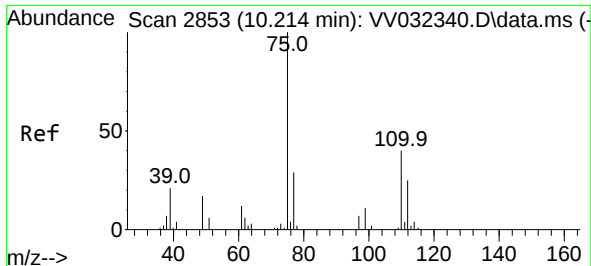
Tgt Ion:106 Resp: 3272
Ion Ratio Lower Upper
106 100
91 194.4 144.5 268.3



#54
o-Xylene
Concen: 0.079 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.010 min
Lab File: VV032342.D
Acq: 09 Oct 2023 21:00

Tgt Ion:106 Resp: 1270
Ion Ratio Lower Upper
106 100
91 215.4 154.8 287.4





#61

1,2,3-Trichloropropane

Concen: 1.186 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Instrument :

MSVOA_V

ClientSampleId :

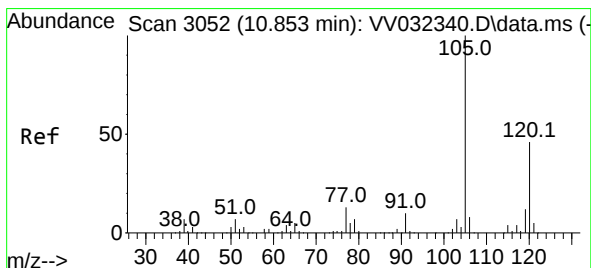
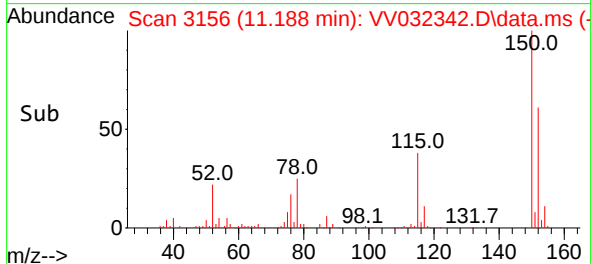
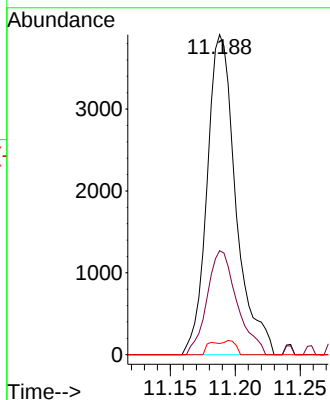
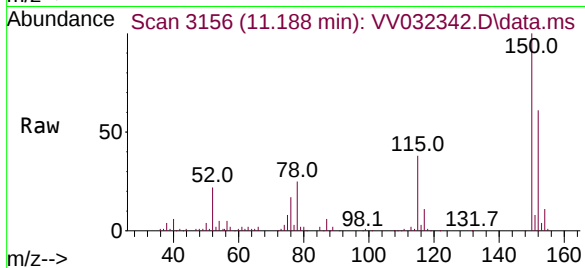
Tgt Ion: 75 Resp: 6011

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.2

110 3.7 30.6 46.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.120 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.007 min

Lab File: VV032342.D

Acq: 09 Oct 2023 21:00

Tgt Ion: 105 Resp: 3589

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4

