

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058341.D
 Acq On : 02 Apr 2024 16:57
 Operator : MD/SY
 Sample : P1912-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

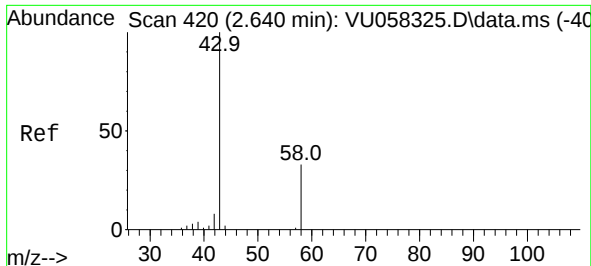
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:04:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21540	3.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.907	69	21419	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.563	65	9827	3.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.618	46	50778	44.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.580%
24) Chloroform-d	5.055	84	47136	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	22448	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.721	84	97272	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.685	67	29726	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	89013	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	8706	3.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.627	63	39592	43.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19675	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	30032	4.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
13) Acetone	2.592	43	53835	72.554	ug/L	51
15) Methyl Acetate	2.959	43	5729	3.720	ug/L #	55
16) Methylene chloride	3.036	84	2368	0.436	ug/L #	1
21) 2-Butanone	4.637	43	6130	5.438	ug/L #	47
30) Cyclohexane	5.373	56	6199	0.943	ug/L	95
35) Methylcyclohexane	6.756	83	66702	9.605	ug/L #	79
37) 1,2-Dichloropropane	6.685	63	3211	0.601	ug/L #	60
45) 1,1,2-Trichloroethane	8.364	97	21447	6.377	ug/L #	17
52) Ethylbenzene	9.566	91	57299	2.541	ug/L	98
53) m,p-Xylene	9.692	106	3761	0.468	ug/L	99
60) Isopropylbenzene	10.479	105	99074	4.596	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	2981	0.165	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	21643	1.204	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.968	75	1152	2.542	ug/L #	4
71) Naphthalene	14.080	128	105407	14.781	ug/L	98

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



#13

Acetone

Concen: 72.554 ug/L

RT: 2.592 min Scan# 405

Delta R.T. -0.048 min

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

Instrument :

MSVOA_U

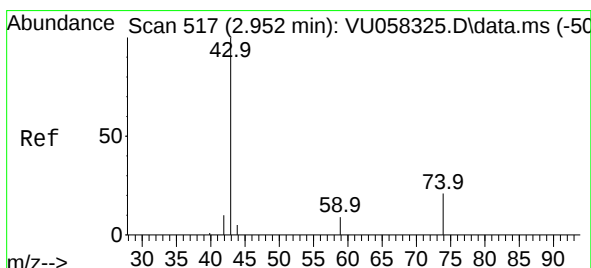
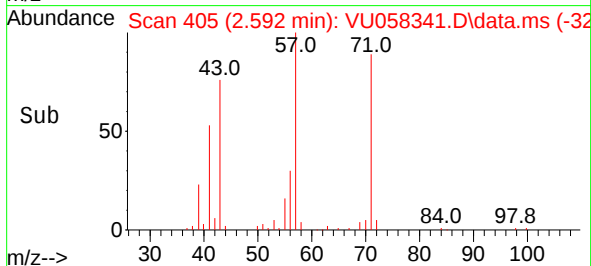
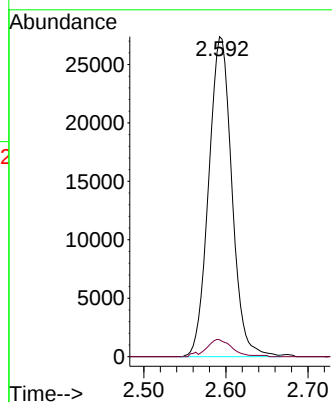
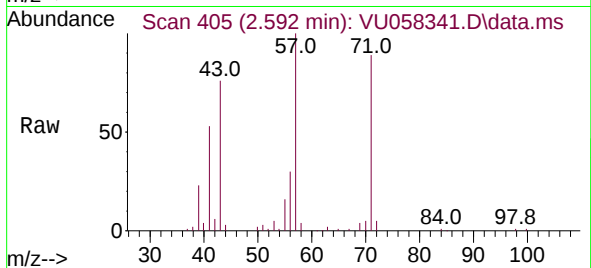
ClientSampleId :

Tgt Ion: 43 Resp: 53835

Ion Ratio Lower Upper

43 100

58 5.0 0.0 64.6



#15

Methyl Acetate

Concen: 3.720 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.006 min

Lab File: VU058341.D

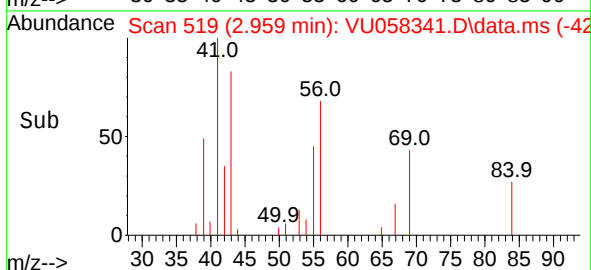
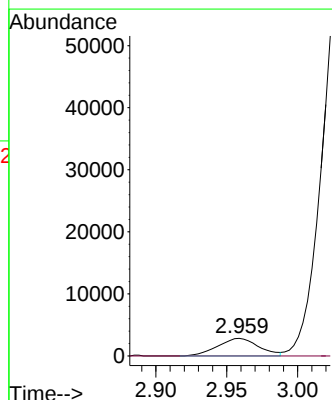
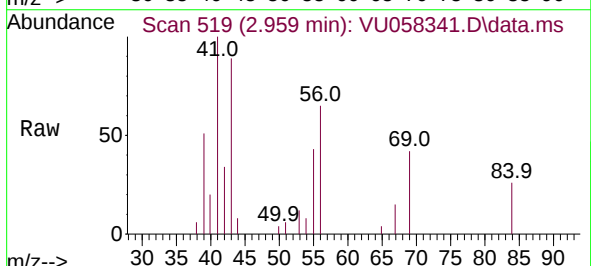
Acq: 02 Apr 2024 16:57

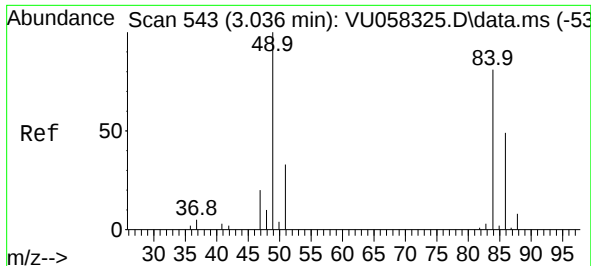
Tgt Ion: 43 Resp: 5729

Ion Ratio Lower Upper

43 100

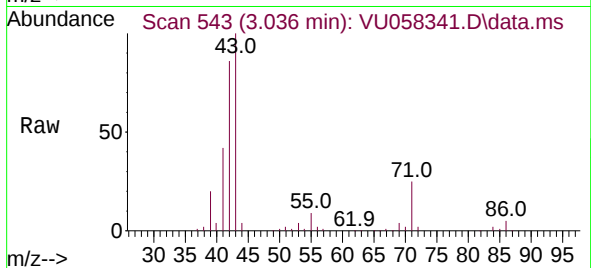
74 0.0 16.8 25.2#



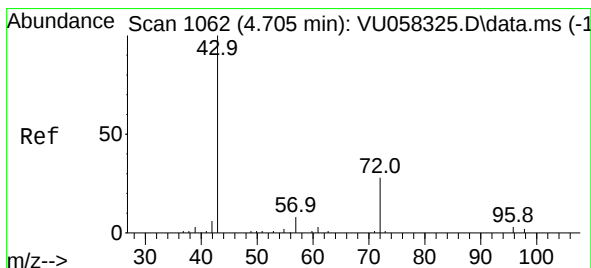
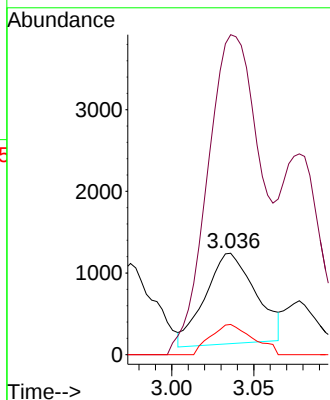
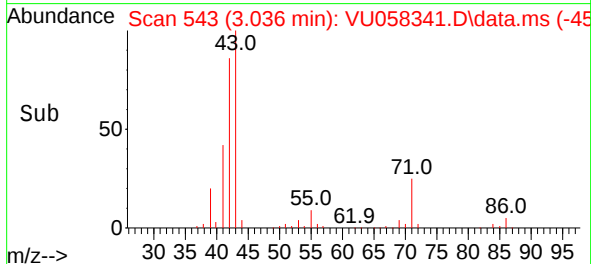


#16
Methylene chloride
Concen: 0.436 ug/L
RT: 3.036 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

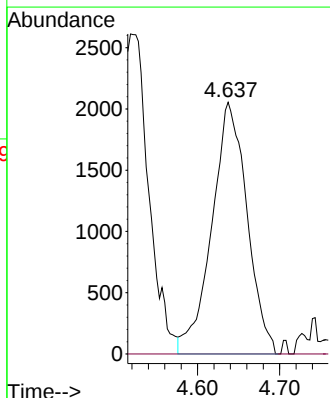
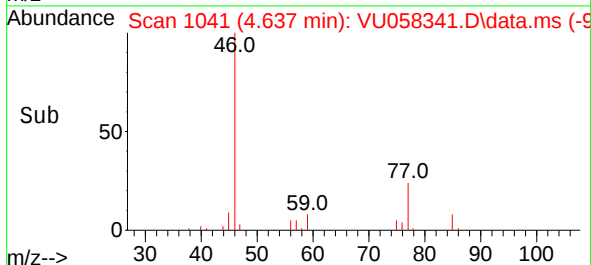
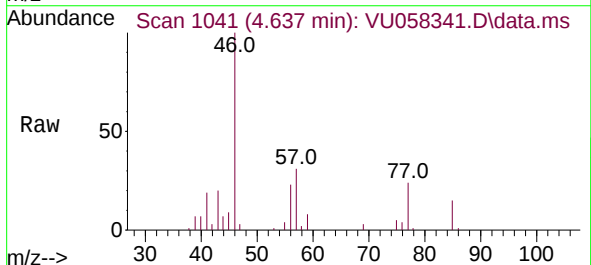


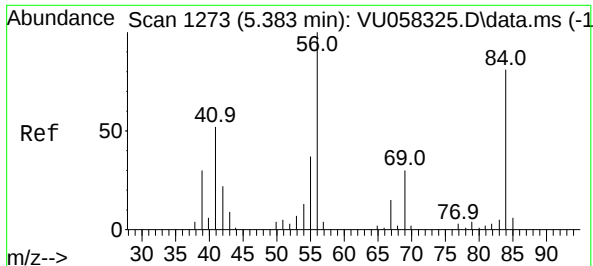
Tgt Ion: 84 Resp: 2368
Ion Ratio Lower Upper
84 100
86 315.5 45.6 84.6#
49 29.8 88.3 163.9#



#21
2-Butanone
Concen: 5.438 ug/L
RT: 4.637 min Scan# 1041
Delta R.T. -0.068 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
72 0.0 14.0 41.9#





#30

Cyclohexane

Concen: 0.943 ug/L

RT: 5.373 min Scan# 11

Delta R.T. -0.010 min MSVOA_U

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

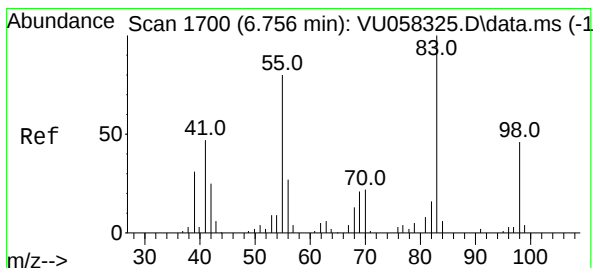
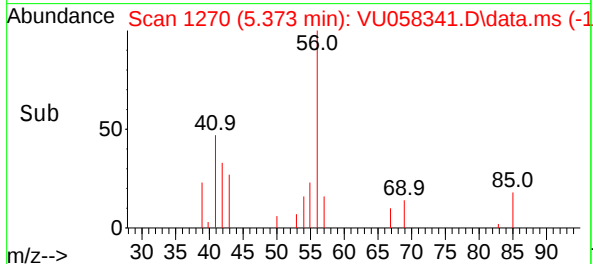
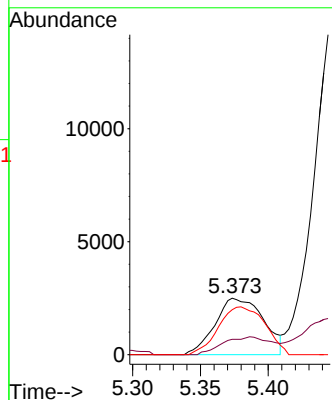
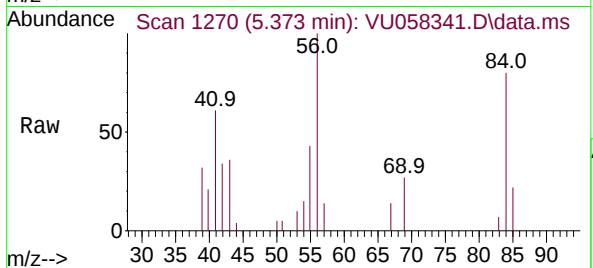
Tgt Ion: 56 Resp: 6199

Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.2

84 81.7 69.7 104.5



#35

Methylcyclohexane

Concen: 9.605 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

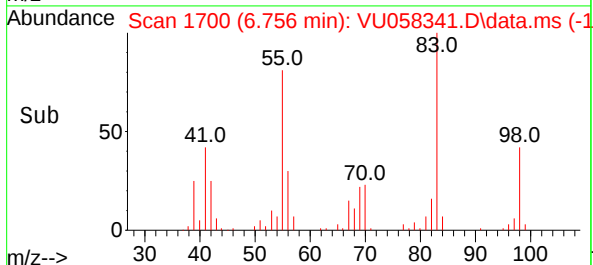
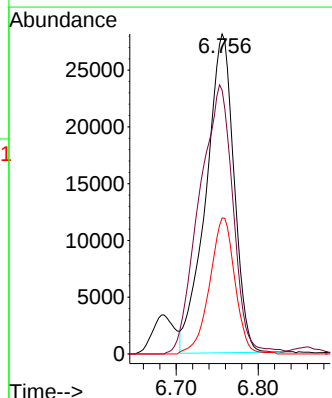
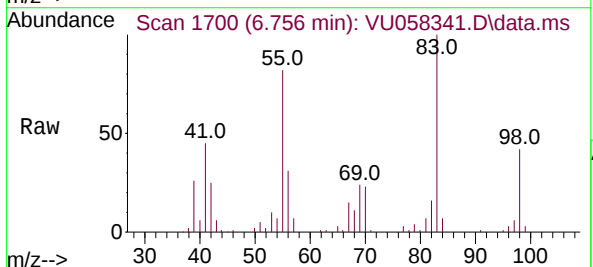
Tgt Ion: 83 Resp: 66702

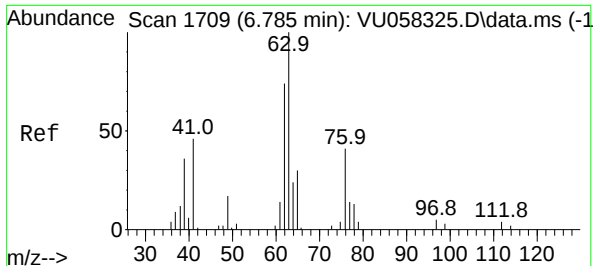
Ion Ratio Lower Upper

83 100

55 101.5 62.7 94.1#

98 38.5 37.3 55.9

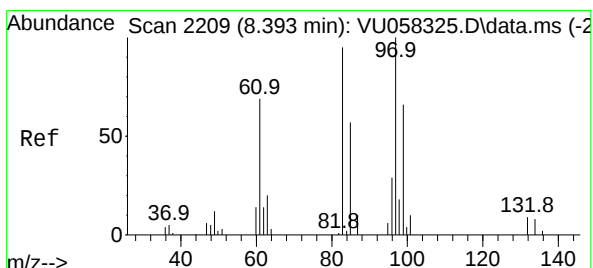
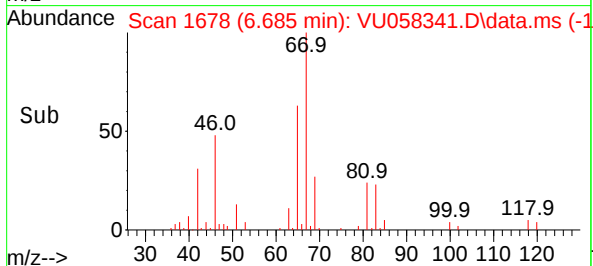
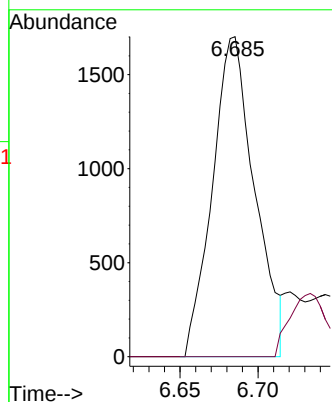
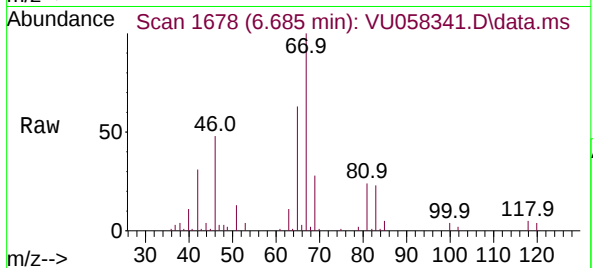




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

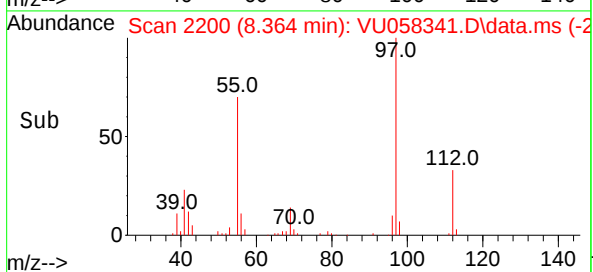
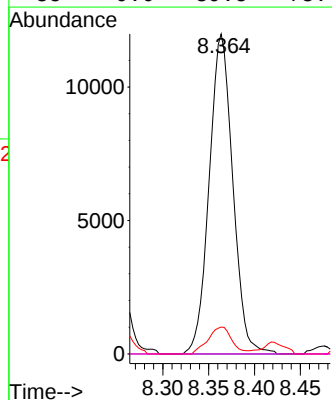
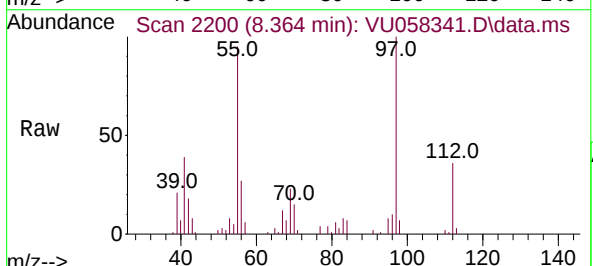
Instrument :
MSVOA_U
ClientSampleId :

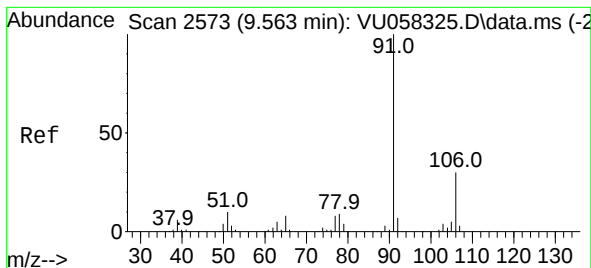
Tgt Ion: 63 Resp: 3211
Ion Ratio Lower Upper
63 100
112 16.7 2.7 4.1#



#45
1,1,2-Trichloroethane
Concen: 6.377 ug/L
RT: 8.364 min Scan# 2200
Delta R.T. -0.029 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Tgt Ion: 97 Resp: 21447
Ion Ratio Lower Upper
97 100
99 0.0 44.5 82.7#
83 8.4 64.1 119.1#
85 0.0 39.5 73.4#





#52

Ethylbenzene

Concen: 2.541 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

Instrument :

MSVOA_U

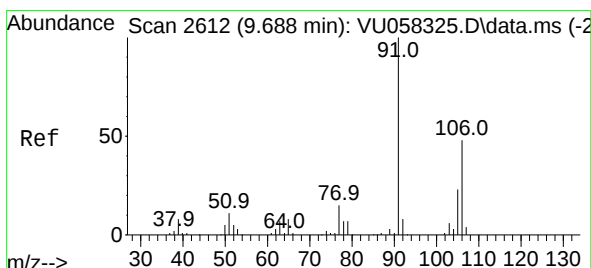
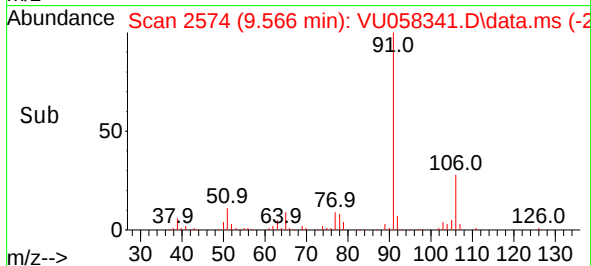
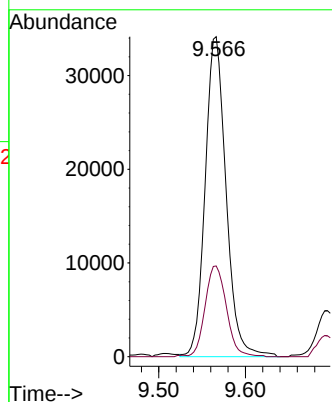
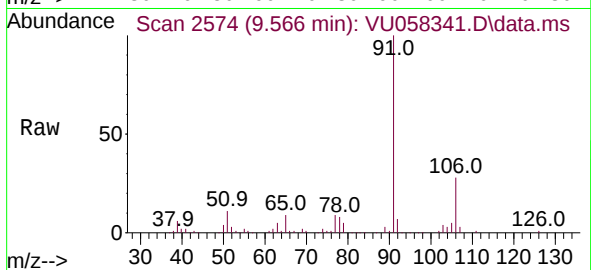
ClientSampleId :

Tgt Ion: 91 Resp: 57299

Ion Ratio Lower Upper

91 100

106 28.3 20.6 38.2



#53

m,p-Xylene

Concen: 0.468 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU058341.D

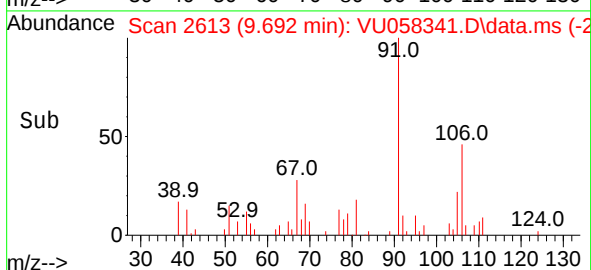
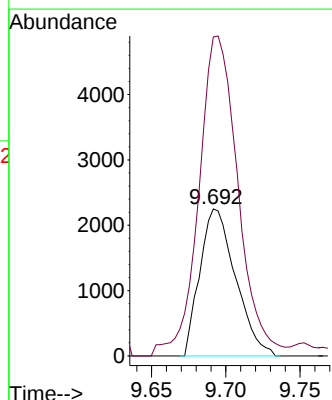
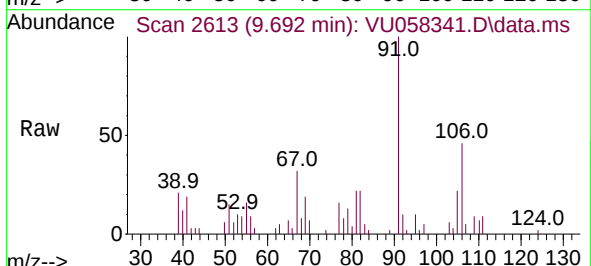
Acq: 02 Apr 2024 16:57

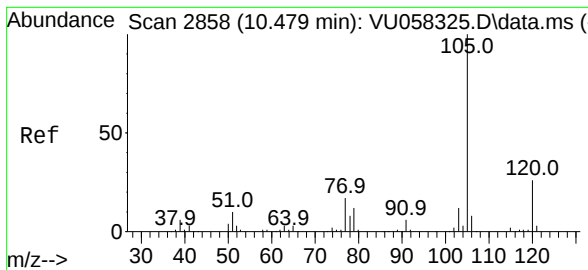
Tgt Ion: 106 Resp: 3761

Ion Ratio Lower Upper

106 100

91 216.9 151.0 280.4





#60

Isopropylbenzene

Concen: 4.596 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU058341.D

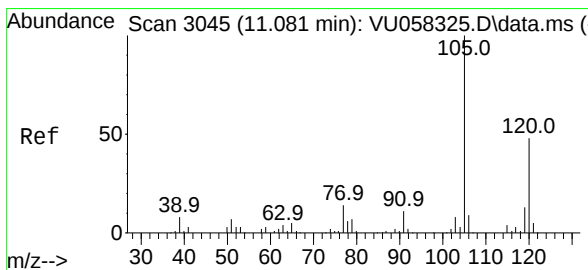
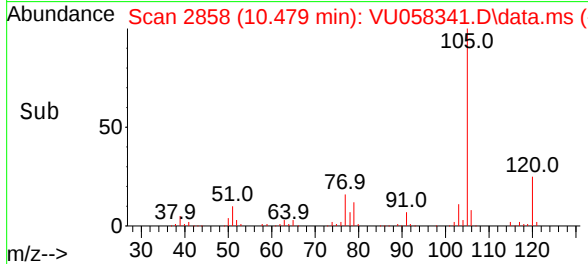
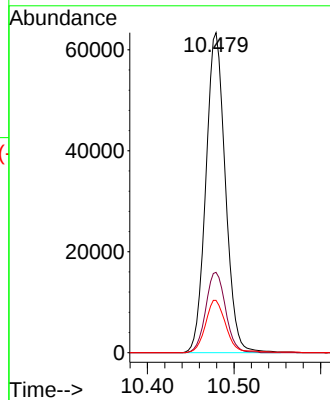
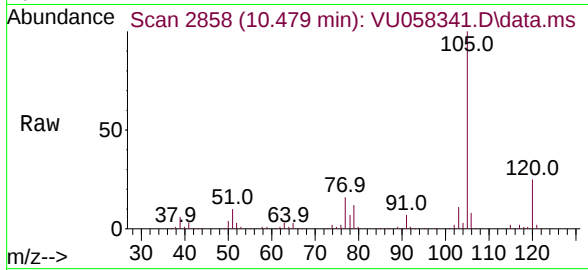
Acq: 02 Apr 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	99074
Ion Ratio	Lower	Upper
105	100	
120	25.6	20.5 30.7
77	17.3	13.2 19.8



#62

1,3,5-Trimethylbenzene

Concen: 0.165 ug/L

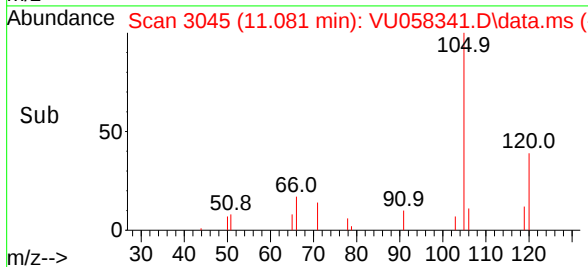
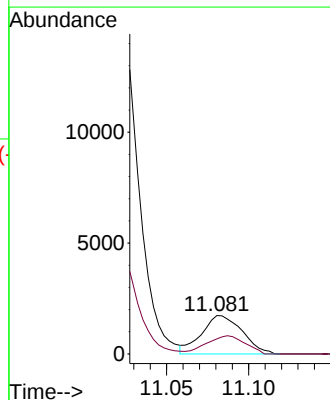
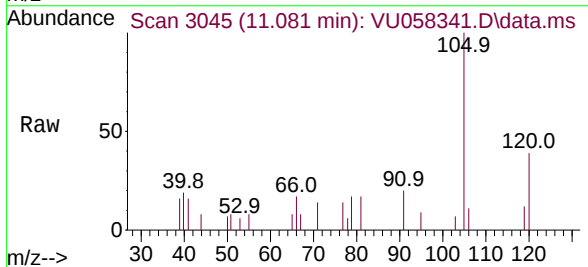
RT: 11.081 min Scan# 3045

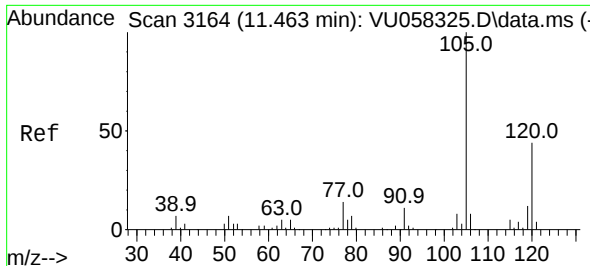
Delta R.T. -0.000 min

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

Tgt Ion:105	Resp:	2981
Ion Ratio	Lower	Upper
105	100	
120	44.6	36.7 55.1





#63

1,2,4-Trimethylbenzene

Concen: 1.204 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

Instrument :

MSVOA_U

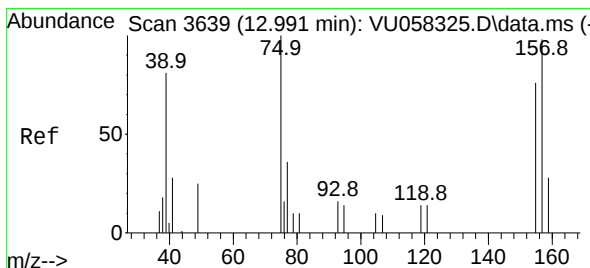
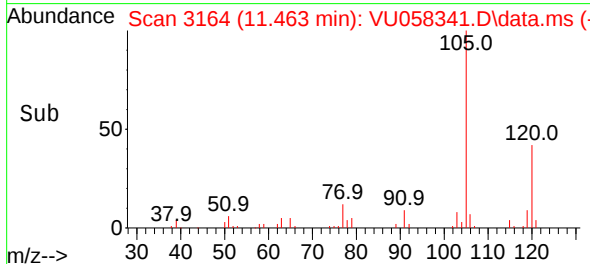
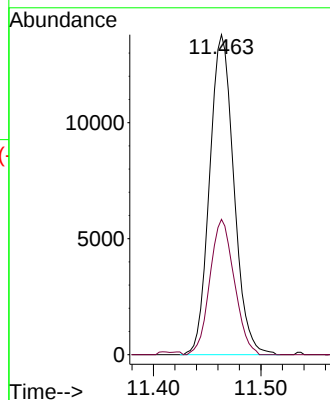
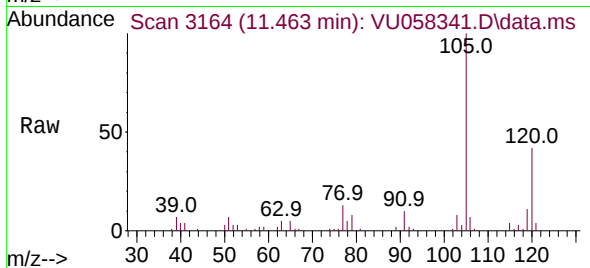
ClientSampleId :

Tgt Ion:105 Resp: 21643

Ion Ratio Lower Upper

105 100

120 42.5 35.9 53.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.542 ug/L

RT: 12.968 min Scan# 3632

Delta R.T. -0.023 min

Lab File: VU058341.D

Acq: 02 Apr 2024 16:57

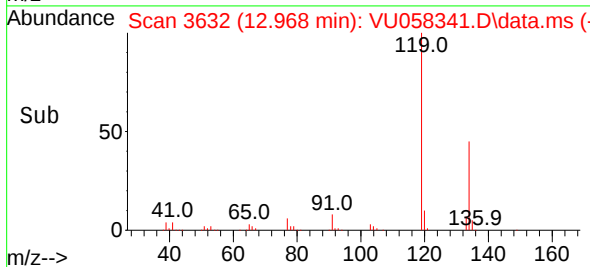
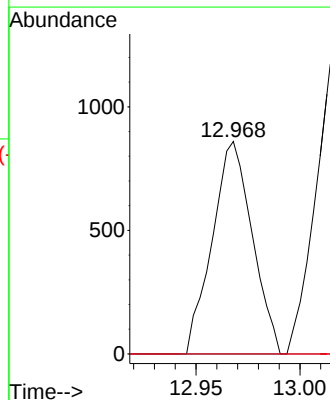
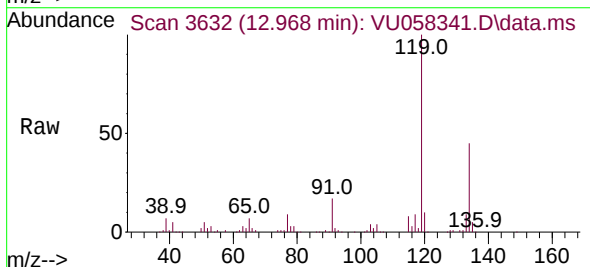
Tgt Ion: 75 Resp: 1152

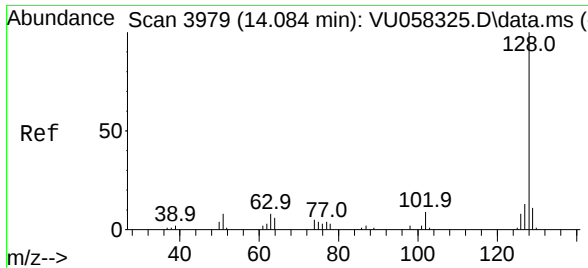
Ion Ratio Lower Upper

75 100

155 0.0 60.2 90.2#

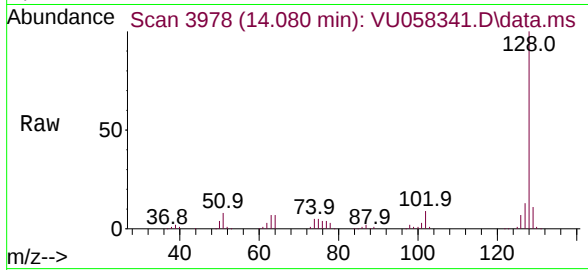
157 0.0 82.6 123.8#





#71
 Naphthalene
 Concen: 14.781 ug/L
 RT: 14.080 min Scan# 3978
 Delta R.T. -0.003 min
 Lab File: VU058341.D
 Acq: 02 Apr 2024 16:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 105407

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.1	12.1
127	13.3	10.2	15.4

