

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061722\
 Data File : U049250.D
 Acq On : 17 Jun 2022 16:40
 Operator : SY/MD
 Sample : N3285-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:14:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.301	114	134430	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	127220	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.815	152	63716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.633	65	48099	4.095	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.951	69	32554	4.094	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.607	65	18622	3.941	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.739	46	138518	44.166	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	5.124	84	81164	4.404	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.771	65	44673	4.419	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.790	84	160999	4.201	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.735	67	55843	4.293	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.922	98	143791	4.167	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.201	79	20113	3.480	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.655	63	111841	47.977	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46703	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	53871	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.925	64	12721	1.945	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.610	101	370	0.048	ug/L #	21
13) Acetone	2.755	43	85736	55.233	ug/L	95
14) Carbon disulfide	2.832	76	14639	0.586	ug/L	99
15) Methyl Acetate	2.755	43	83323	20.071	ug/L #	54
16) Methylene chloride	3.092	84	45875	4.613	ug/L	88
19) 1,1-Dichloroethane	3.912	63	46564	2.820	ug/L	99
21) 2-Butanone	4.822	43	43795	14.796	ug/L	99
35) Methylcyclohexane	6.735	83	12094	0.745	ug/L #	17
37) 1,2-Dichloropropane	6.735	63	6107	0.587	ug/L #	89
40) 4-Methyl-2-pentanone	7.825	43	43951	5.687	ug/L	99
42) Toluene	7.992	91	39553	0.985	ug/L	95
52) Ethylbenzene	9.581	91	6073	0.139	ug/L	99
53) m,p-Xylene	9.703	106	7172	0.440	ug/L	94
54) o-Xylene	10.108	106	2634	0.163	ug/L	87
61) 1,2,3-Trichloropropane	11.815	75	8734	1.222	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.471	105	5403	0.141	ug/L	95
63) 1,2,4-Trimethylbenzene	11.471	105	5403	0.142	ug/L	99
71) Naphthalene	14.089	128	2679	0.122	ug/L #	93

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 04:11:00 2022
Response via : Initial Calibration

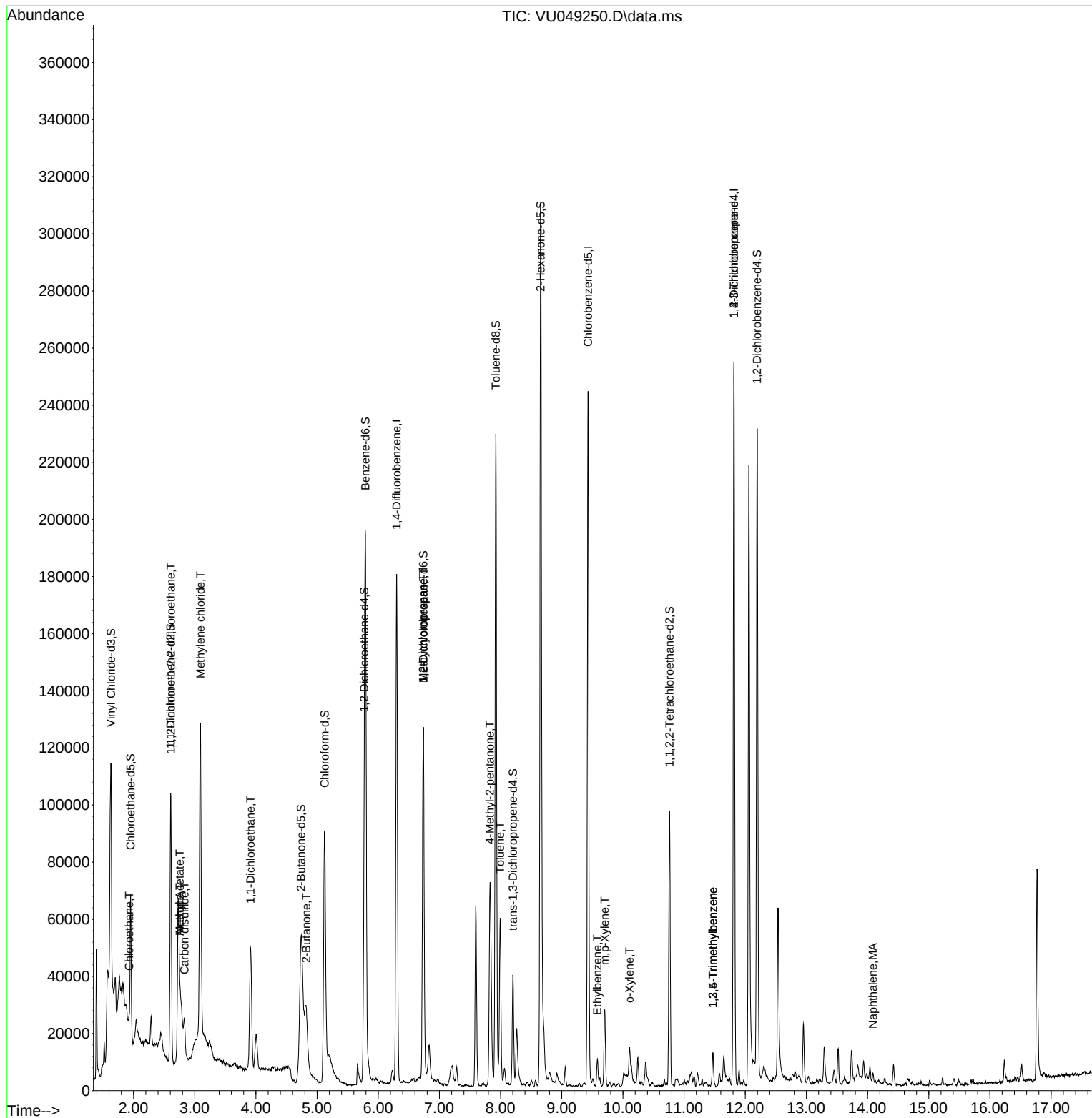
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

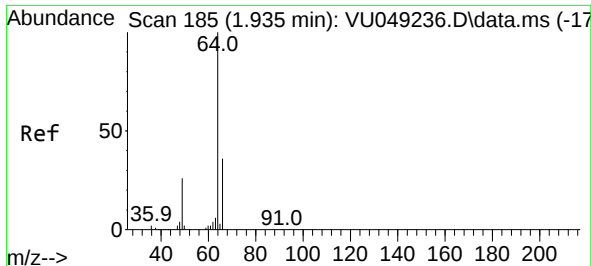
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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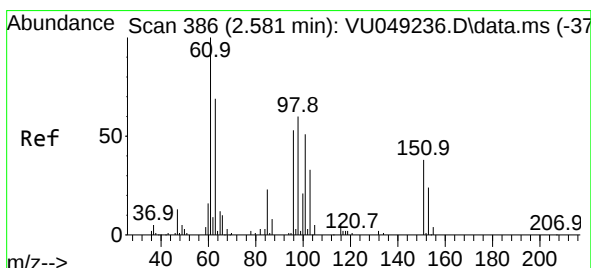
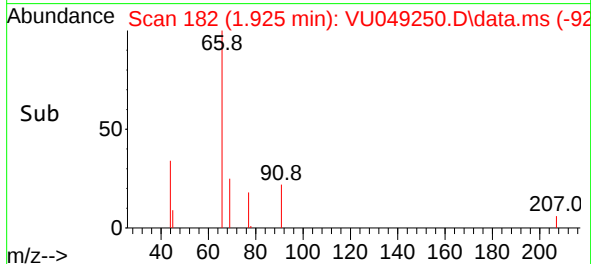
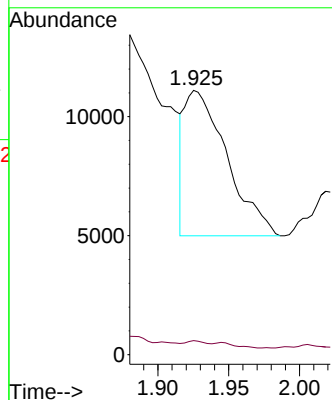
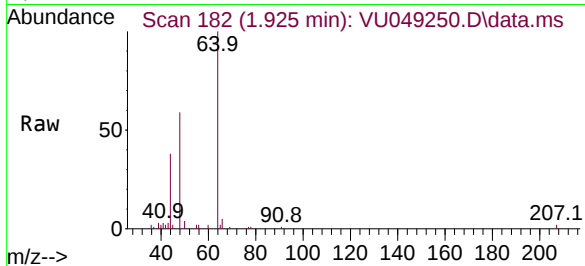




#8
Chloroethane
Concen: 1.945 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

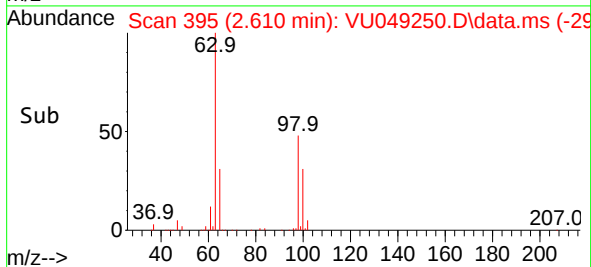
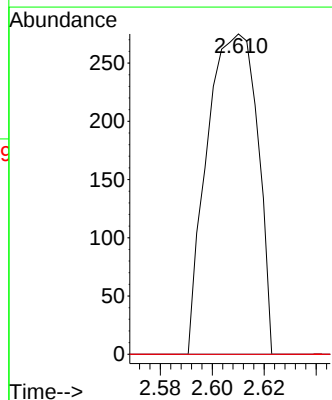
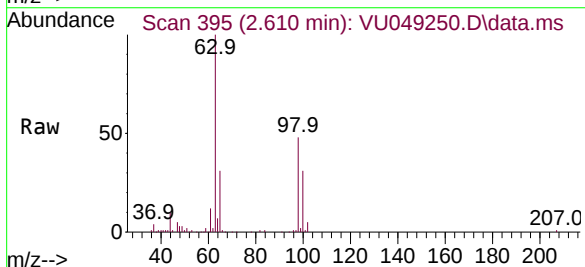
Instrument :
MSVOA_U
ClientSampleId :

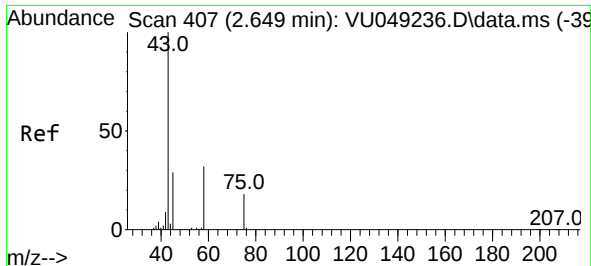
Tgt Ion: 64 Resp: 12721
Ion Ratio Lower Upper
64 100
66 5.3 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.610 min Scan# 395
Delta R.T. 0.029 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Tgt Ion: 101 Resp: 370
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 55.233 ug/L

RT: 2.755 min Scan# 440

Delta R.T. 0.106 min

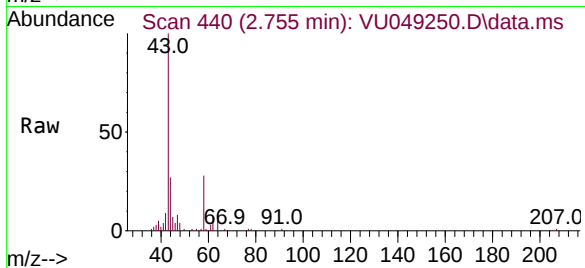
Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

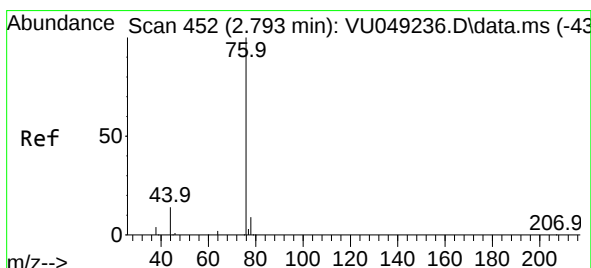
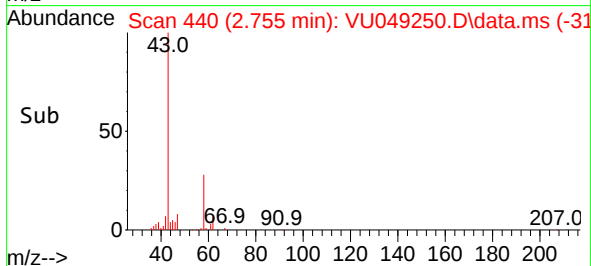
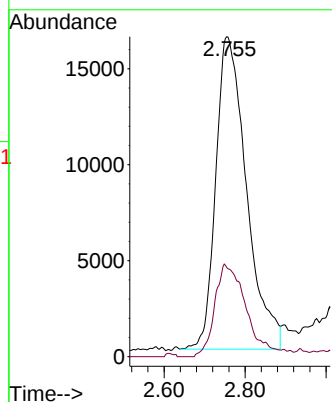


Tgt Ion: 43 Resp: 85736

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.8



#14

Carbon disulfide

Concen: 0.586 ug/L

RT: 2.832 min Scan# 464

Delta R.T. 0.038 min

Lab File: VU049250.D

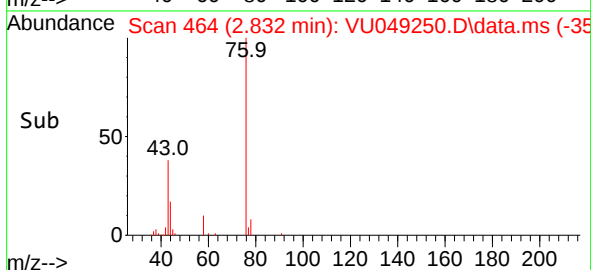
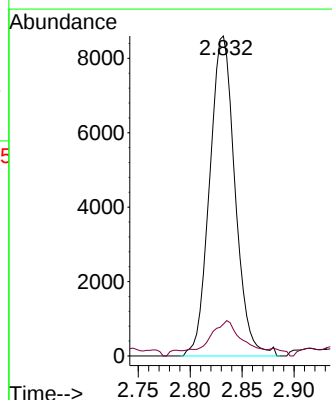
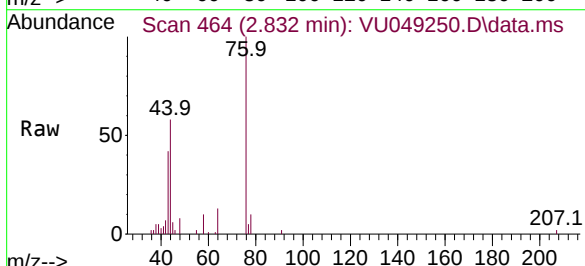
Acq: 17 Jun 2022 16:40

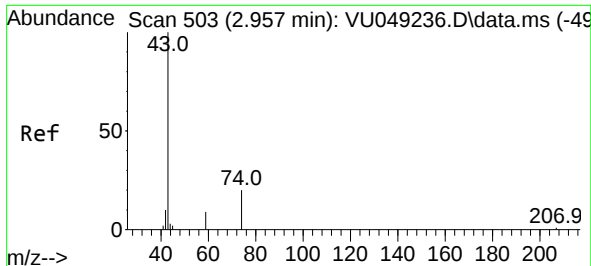
Tgt Ion: 76 Resp: 14639

Ion Ratio Lower Upper

76 100

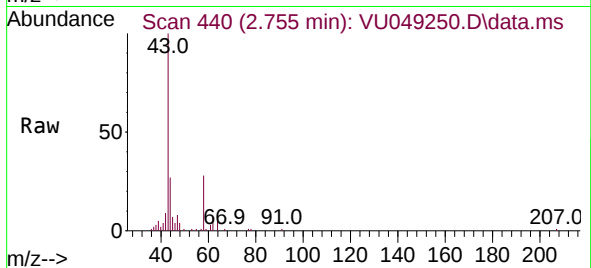
78 9.9 7.5 11.3



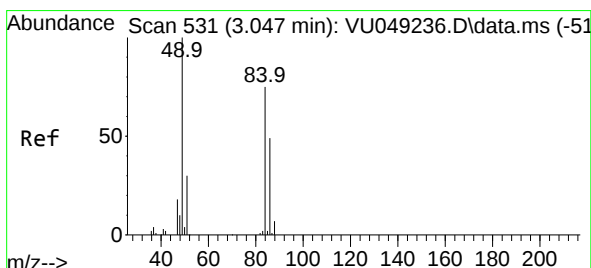
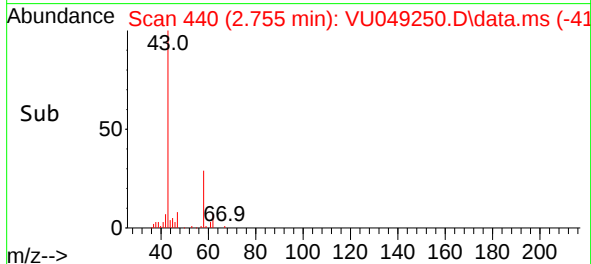
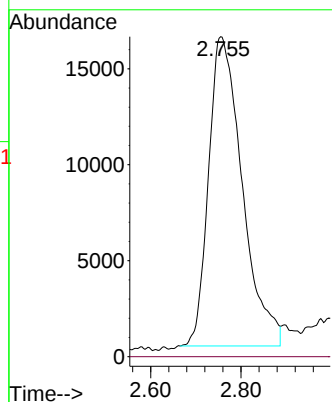


#15
Methyl Acetate
Concen: 20.071 ug/L
RT: 2.755 min Scan# 441
Delta R.T. -0.203 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Instrument :
MSVOA_U
ClientSampleId :

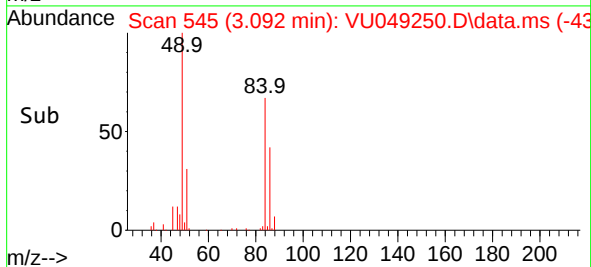
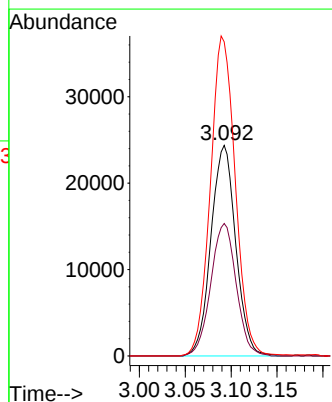
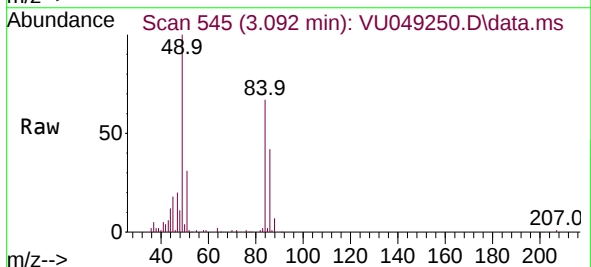


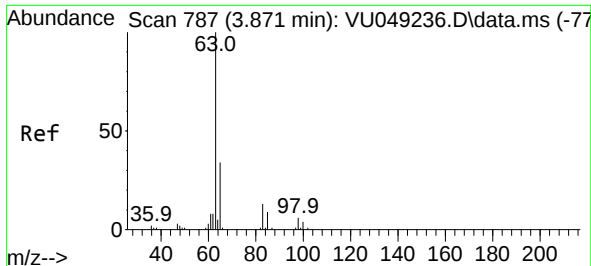
Tgt Ion: 43 Resp: 83323
Ion Ratio Lower Upper
43 100
74 0.1 17.6 26.4#



#16
Methylene chloride
Concen: 4.613 ug/L
RT: 3.092 min Scan# 545
Delta R.T. 0.045 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Tgt Ion: 84 Resp: 45875
Ion Ratio Lower Upper
84 100
86 62.9 43.6 81.0
49 149.2 90.2 167.6





#19

1,1-Dichloroethane

Concen: 2.820 ug/L

RT: 3.912 min Scan# 80

Delta R.T. 0.042 min

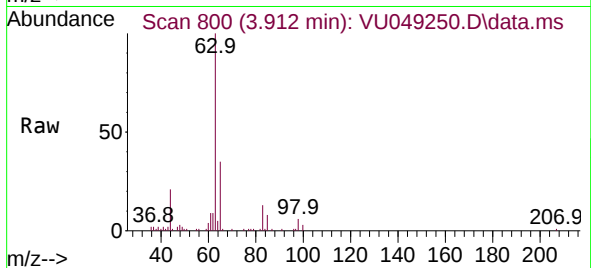
Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :



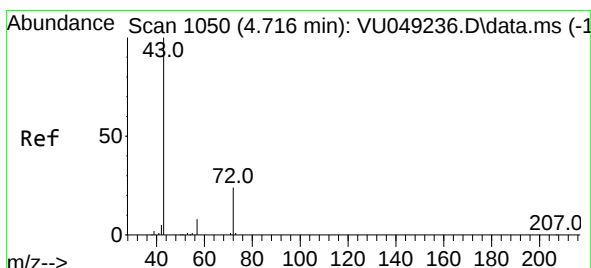
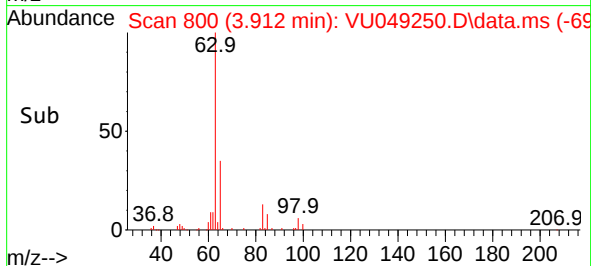
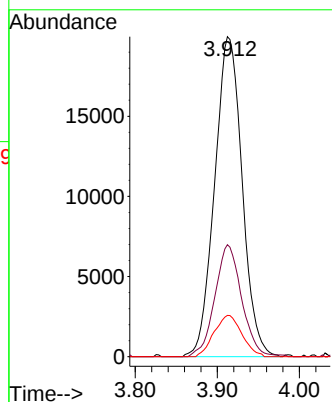
Tgt Ion: 63 Resp: 46564

Ion Ratio Lower Upper

63 100

65 35.0 24.0 44.6

83 12.9 9.1 16.9



#21

2-Butanone

Concen: 14.796 ug/L

RT: 4.822 min Scan# 1083

Delta R.T. 0.106 min

Lab File: VU049250.D

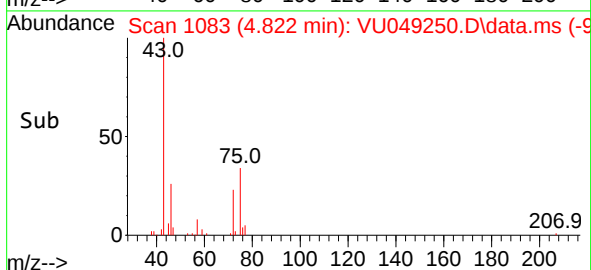
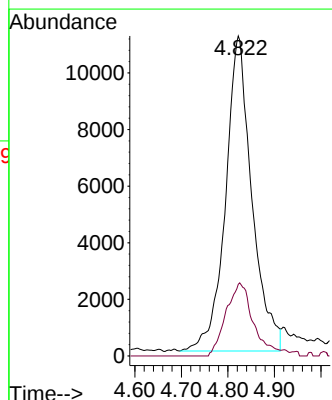
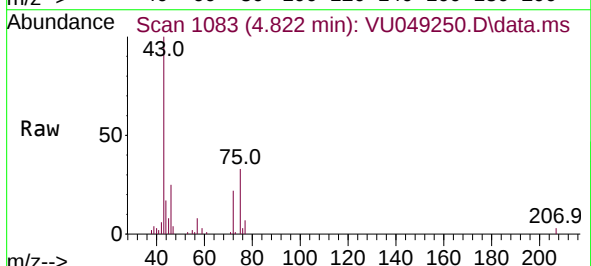
Acq: 17 Jun 2022 16:40

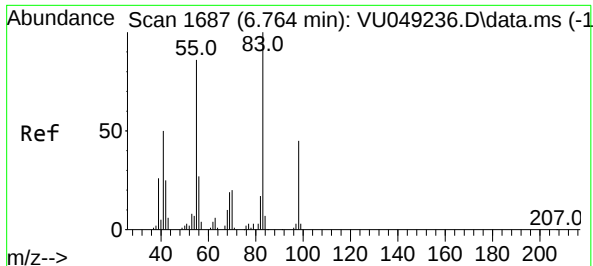
Tgt Ion: 43 Resp: 43795

Ion Ratio Lower Upper

43 100

72 23.8 12.2 36.6





#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 6.735 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU049250.D

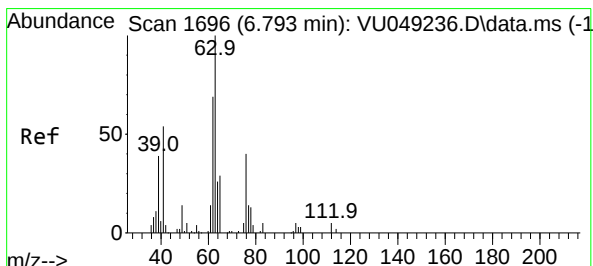
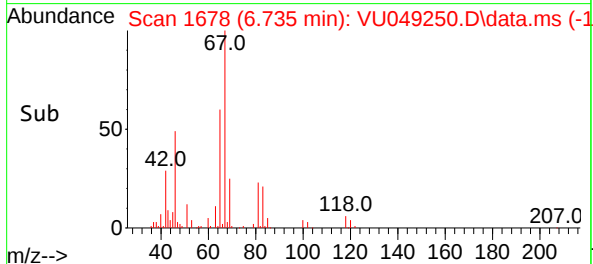
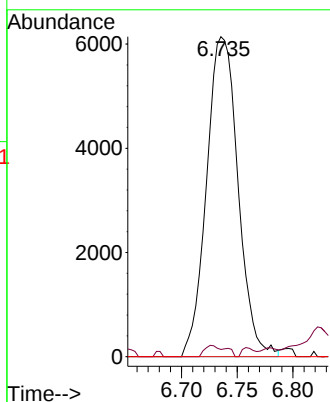
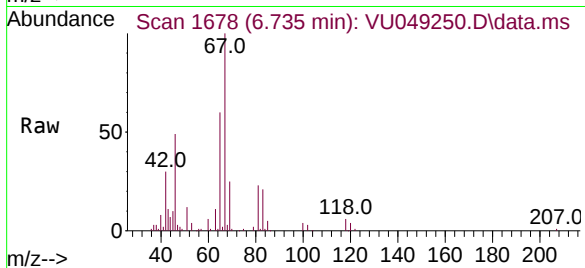
Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	12094
Ion	Ratio	Lower	Upper
83	100		
55	1.6	66.9	100.3#
98	0.0	35.5	53.3#



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

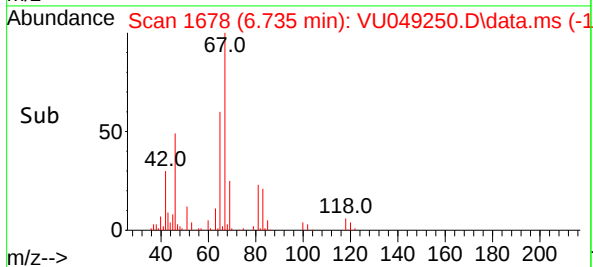
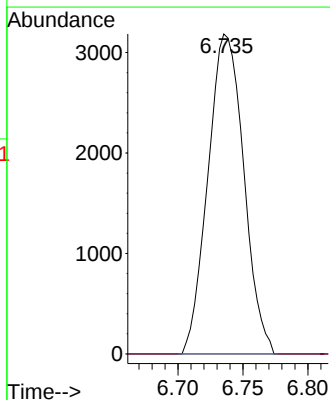
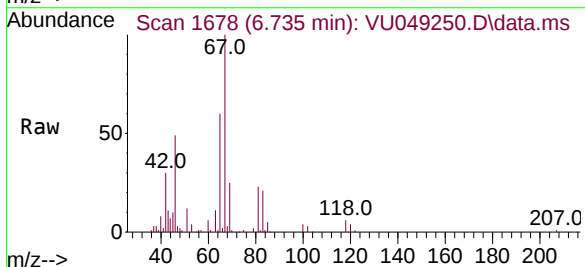
RT: 6.735 min Scan# 1678

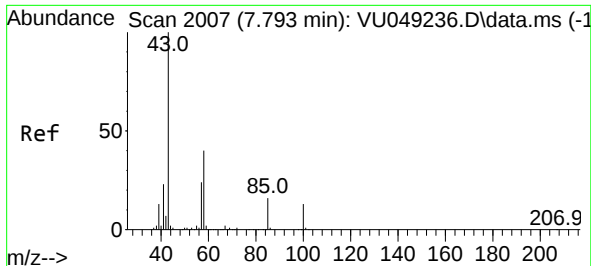
Delta R.T. -0.058 min

Lab File: VU049250.D

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Tgt Ion:	63	Resp:	6107
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#40

4-Methyl-2-pentanone

Concen: 5.687 ug/L

RT: 7.825 min Scan# 2007

Delta R.T. 0.032 min

Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

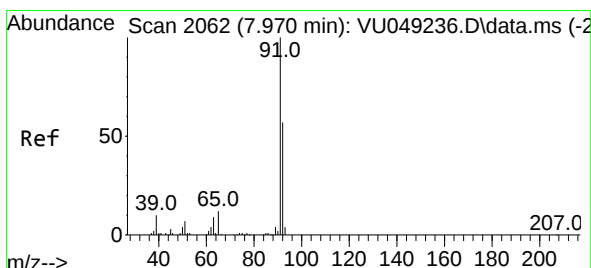
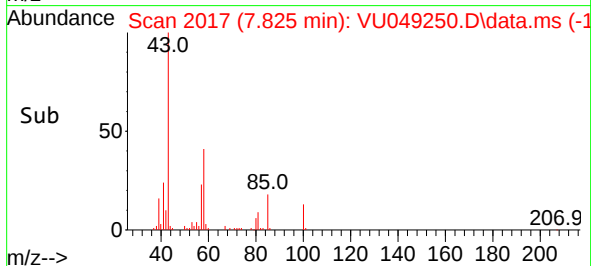
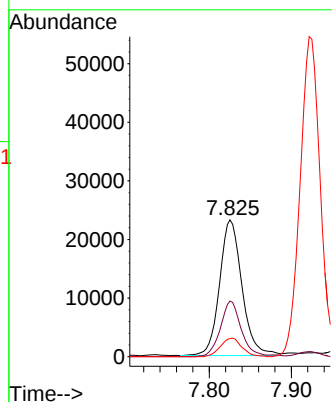
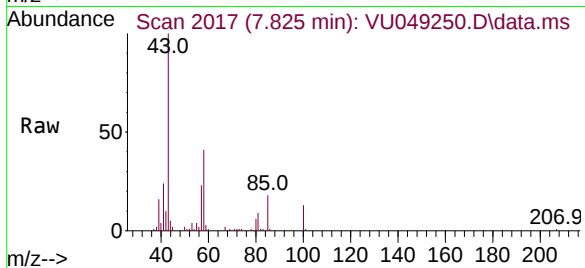
Tgt Ion: 43 Resp: 43951

Ion Ratio Lower Upper

43 100

58 38.1 31.4 47.2

100 13.1 10.5 15.7



#42

Toluene

Concen: 0.985 ug/L

RT: 7.992 min Scan# 2069

Delta R.T. 0.022 min

Lab File: VU049250.D

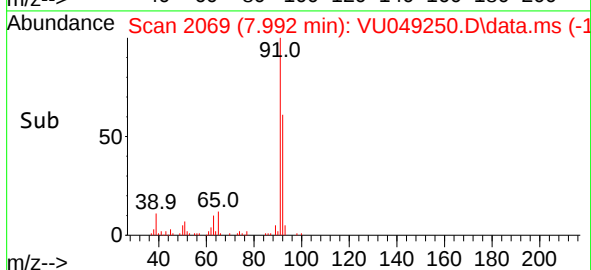
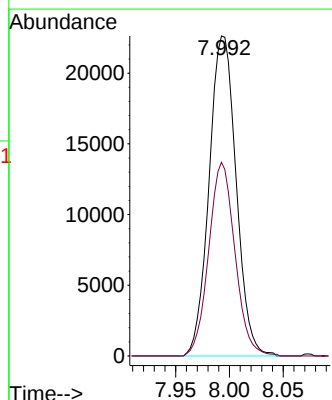
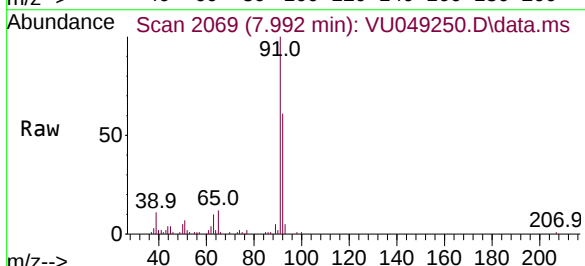
Acq: 17 Jun 2022 16:40

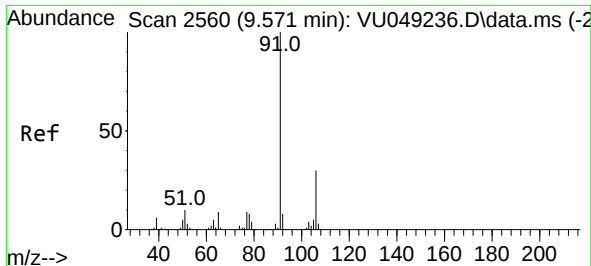
Tgt Ion: 91 Resp: 39553

Ion Ratio Lower Upper

91 100

92 60.6 40.0 74.2

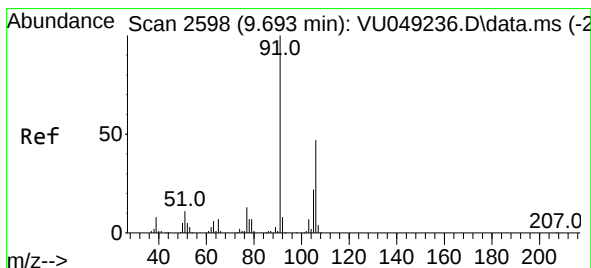
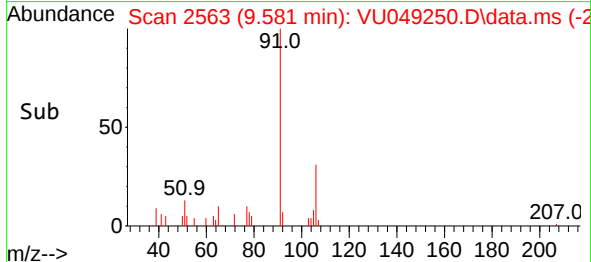
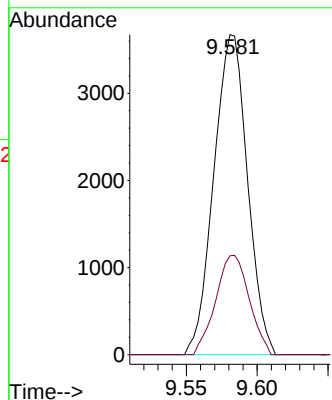
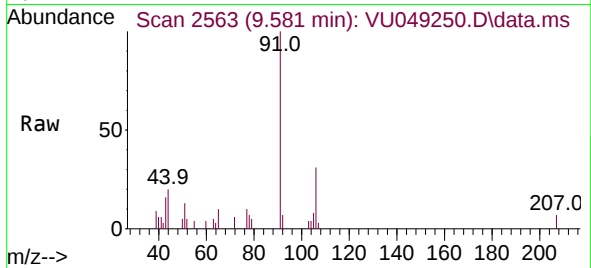




#52
Ethylbenzene
Concen: 0.139 ug/L
RT: 9.581 min Scan# 2560
Delta R.T. 0.010 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

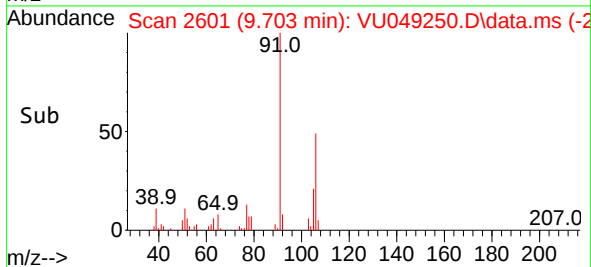
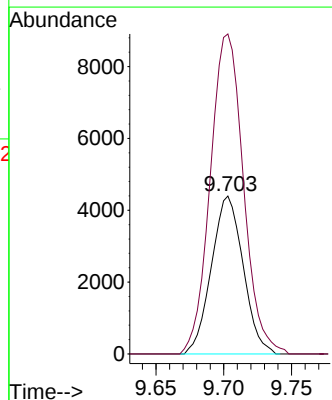
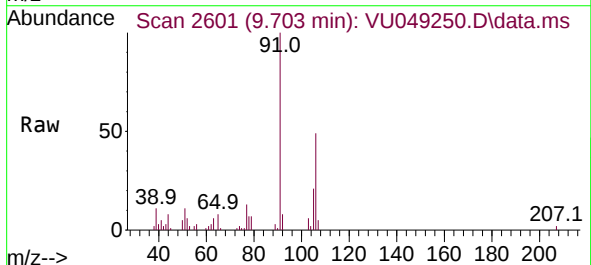
Instrument :
MSVOA_U
ClientSampleId :

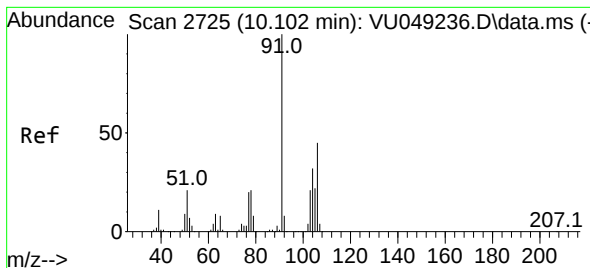
Tgt Ion: 91 Resp: 6073
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 0.440 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Tgt Ion: 106 Resp: 7172
Ion Ratio Lower Upper
106 100
91 202.6 148.5 275.7





#54

o-Xylene

Concen: 0.163 ug/L

RT: 10.108 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

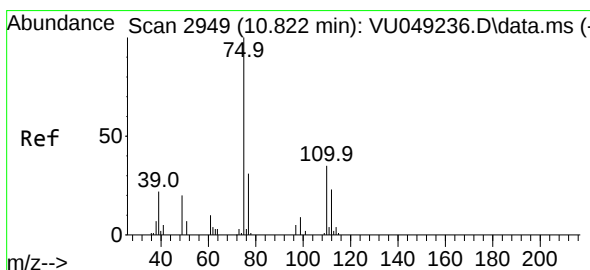
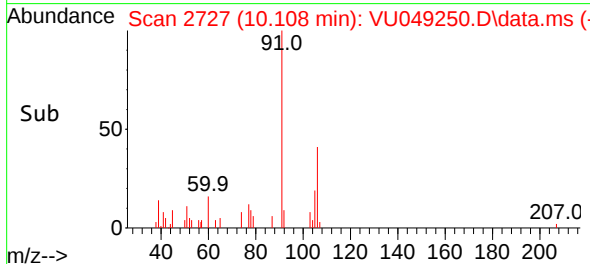
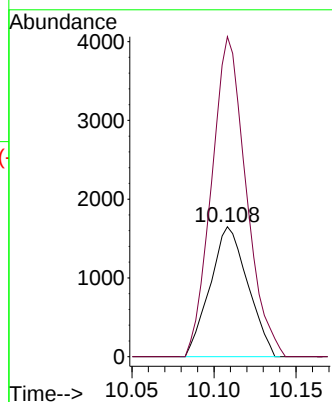
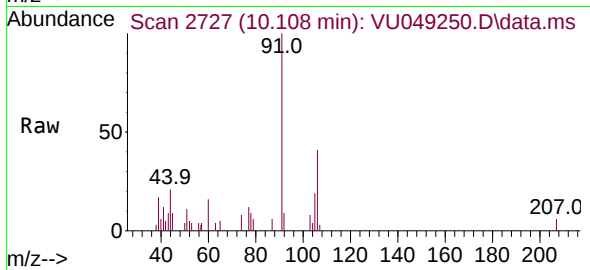
ClientSampleId :

Tgt Ion:106 Resp: 2634

Ion Ratio Lower Upper

106 100

91 246.4 157.5 292.5



#61

1,2,3-Trichloropropane

Concen: 1.222 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.993 min

Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

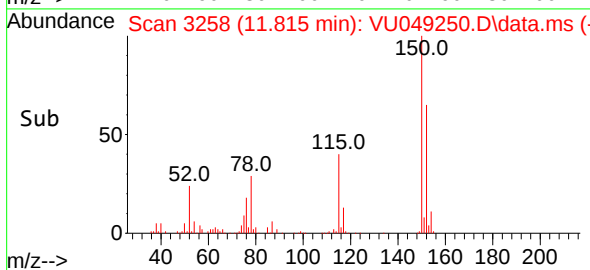
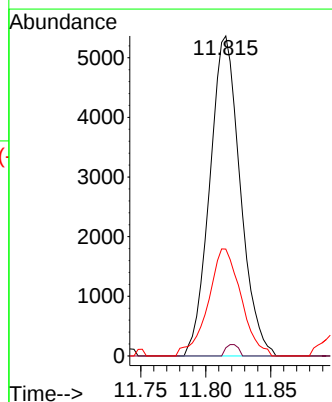
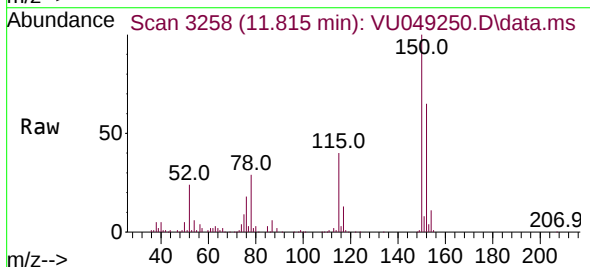
Tgt Ion: 75 Resp: 8734

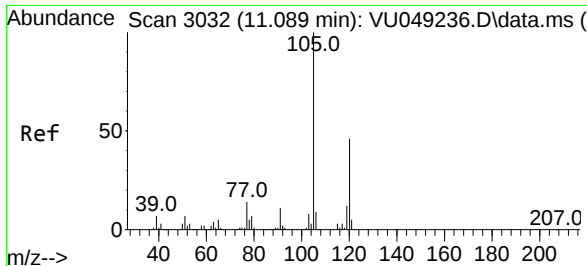
Ion Ratio Lower Upper

75 100

110 1.4 29.0 43.4#

77 36.3 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 0.141 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.383 min

Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

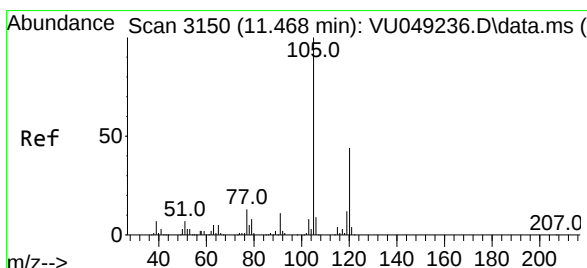
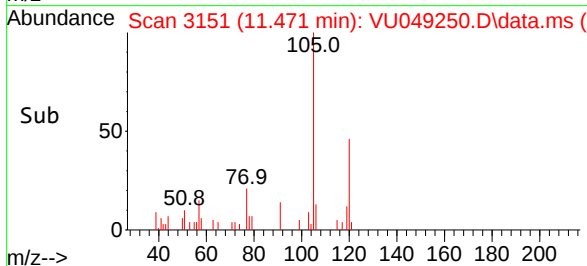
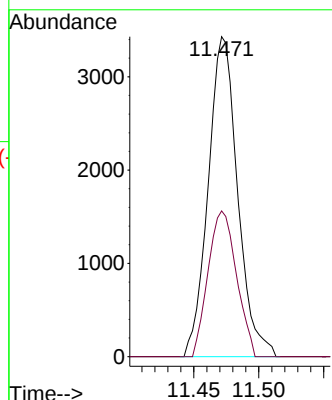
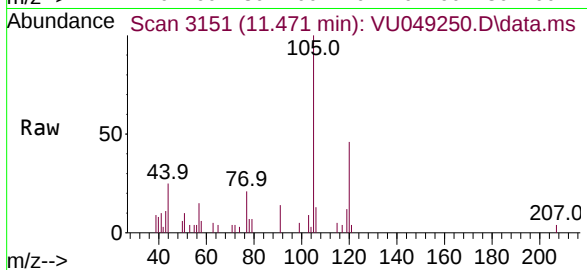
ClientSampleId :

Tgt Ion:105 Resp: 5403

Ion Ratio Lower Upper

105 100

120 43.8 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 0.142 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU049250.D

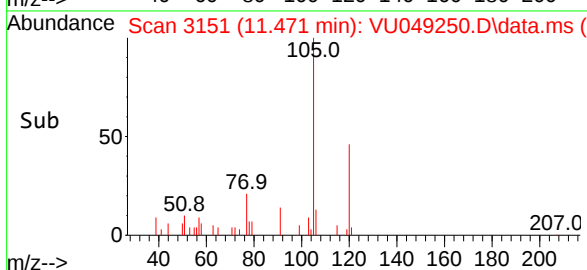
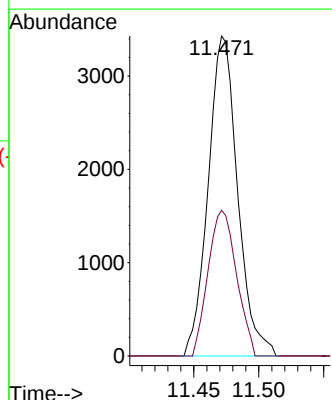
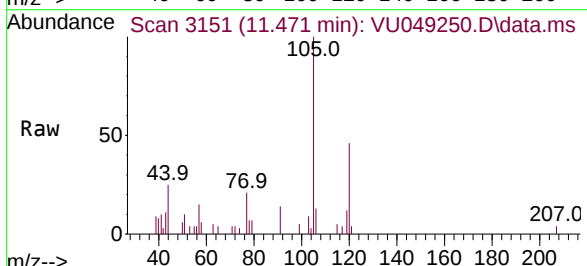
Acq: 17 Jun 2022 16:40

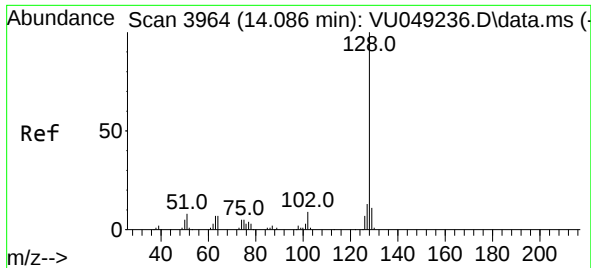
Tgt Ion:105 Resp: 5403

Ion Ratio Lower Upper

105 100

120 43.8 34.6 52.0





#71

Naphthalene

Concen: 0.122 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

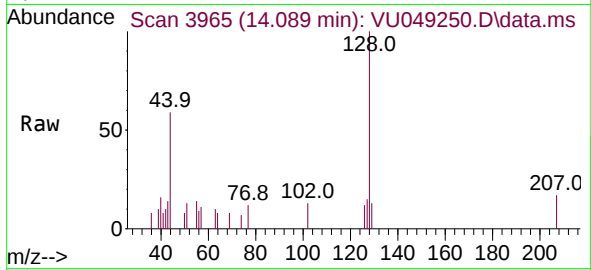
Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2679

Ion	Ratio	Lower	Upper
128	100		
129	8.2	9.0	13.6#
127	10.6	10.2	15.4

