

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047475.D
 Acq On : 10 Mar 2022 21:57
 Operator : SY/MD
 Sample : N1857-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 11 00:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	132750	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35926	4.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.919	69	26730	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.571	65	16260	5.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.645	46	64368	50.215	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.420%
24) Chloroform-d	5.067	84	62268	5.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.706	65	30081	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.729	84	126010	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.694	67	37227	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.899	98	121525	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.179	79	15121	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.636	63	65175	48.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32737	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	46318	5.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	53994	5.432	ug/L	98
3) Chloromethane	1.523	50	54092	5.450	ug/L	97
5) Vinyl chloride	1.607	62	54556	5.588	ug/L	99
6) Bromomethane	1.861	94	23886	4.291	ug/L	98
8) Chloroethane	1.938	64	33050	5.574	ug/L	100
9) Trichlorofluoromethane	2.144	101	70542	5.484	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42583	5.362	ug/L	99
12) 1,1-Dichloroethene	2.584	96	42944	5.510	ug/L	92
13) Acetone	2.662	43	60071	51.005	ug/L	99
14) Carbon disulfide	2.800	76	131432	5.494	ug/L	99
15) Methyl Acetate	2.964	43	16866	5.419	ug/L	98
16) Methylene chloride	3.051	84	48273	5.189	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	110876	5.516	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	46100	5.525	ug/L	98
19) 1,1-Dichloroethane	3.874	63	81661	5.754	ug/L	97
21) 2-Butanone	4.726	43	118667	55.951	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	51249	5.543	ug/L	97
23) Bromochloromethane	4.980	128	25699	5.817	ug/L	99
25) Chloroform	5.092	83	85425	5.559	ug/L	98

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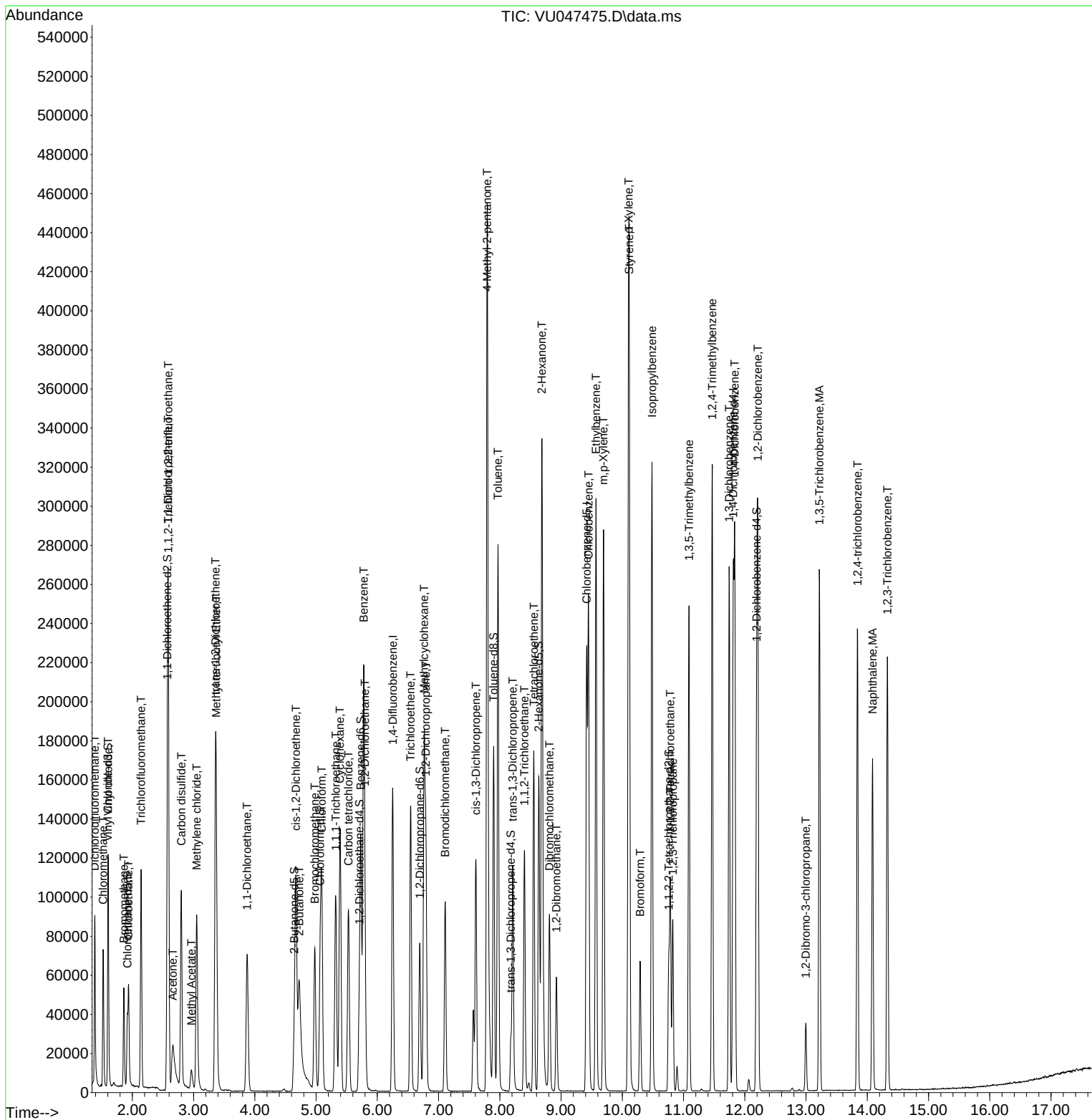
Instrument :
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 ClientSampleId :

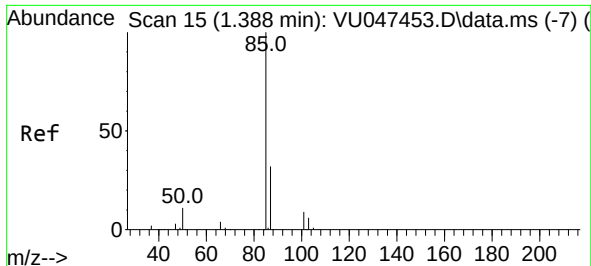
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	55886	5.649	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	74134	5.595	ug/L	98
30) Cyclohexane	5.391	56	67280	5.271	ug/L	97
31) Carbon tetrachloride	5.530	117	63353	5.444	ug/L	97
33) Benzene	5.777	78	191288	5.523	ug/L	100
34) Trichloroethene	6.542	95	50119	5.414	ug/L	98
35) Methylcyclohexane	6.764	83	72015	4.931	ug/L	98
37) 1,2-Dichloropropane	6.793	63	48730	5.650	ug/L	99
38) Bromodichloromethane	7.108	83	64601	5.641	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	71088	5.436	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	318945	54.245	ug/L	98
42) Toluene	7.970	91	207958	5.527	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64296	5.452	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	39822	5.633	ug/L	98
47) Tetrachloroethene	8.555	164	40384	5.142	ug/L	99
48) 2-Hexanone	8.687	43	224569	52.644	ug/L	99
49) Dibromochloromethane	8.812	129	48051	5.596	ug/L	95
50) 1,2-Dibromoethane	8.925	107	39662	5.514	ug/L	97
51) Chlorobenzene	9.449	112	138524	5.504	ug/L	98
52) Ethylbenzene	9.571	91	218323	5.358	ug/L	99
53) m,p-Xylene	9.693	106	84974	5.316	ug/L	99
54) o-Xylene	10.102	106	81504	5.263	ug/L	98
55) Styrene	10.115	104	141153	5.392	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	52688	5.568	ug/L	99
59) Bromoform	10.291	173	30276	5.712	ug/L	100
60) Isopropylbenzene	10.484	105	212484	5.395	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	36342	5.573	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	133108	5.152	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	174062	5.194	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	113455	5.434	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	112689	5.315	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	110224	5.495	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8502	5.783	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	89416	5.222	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	77561	5.082	ug/L	100
71) Naphthalene	14.086	128	138490	5.073	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	73297	5.237	ug/L	100

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

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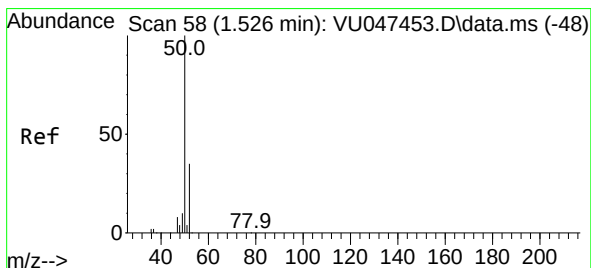
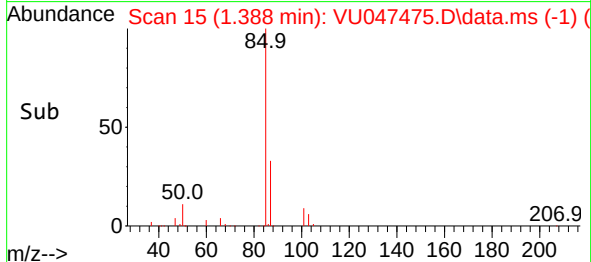
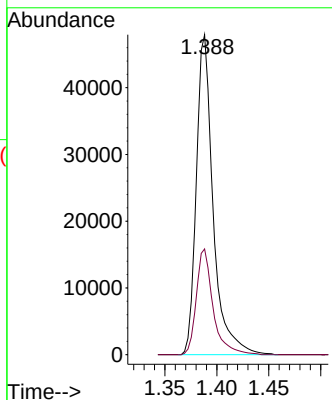
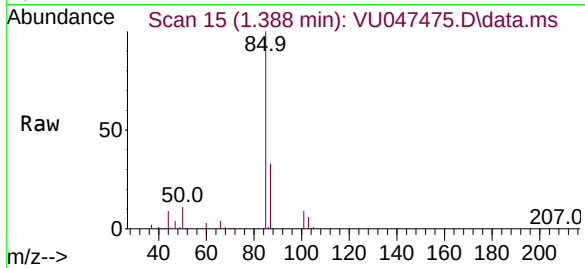




#2
Dichlorodifluoromethane
Concen: 5.432 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

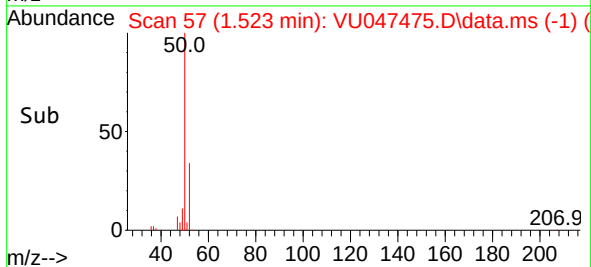
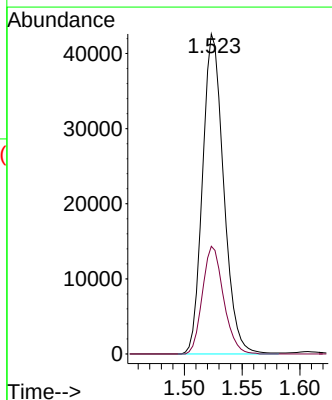
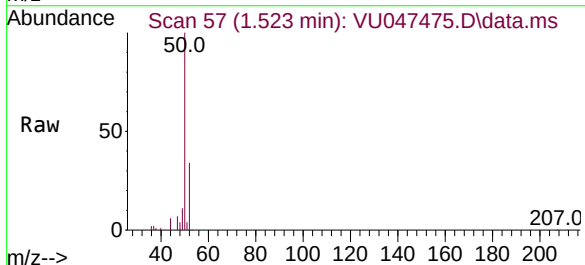
Instrument :
MSVOA_U
ClientSampleId :

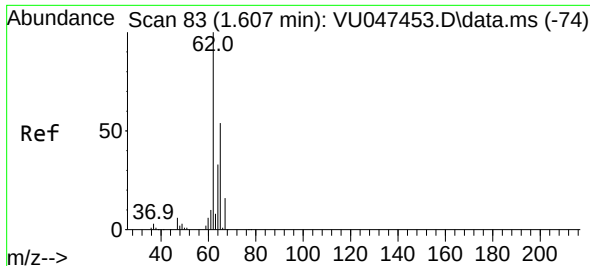
Tgt Ion: 85 Resp: 53994
Ion Ratio Lower Upper
85 100
87 33.0 25.6 38.4



#3
Chloromethane
Concen: 5.450 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

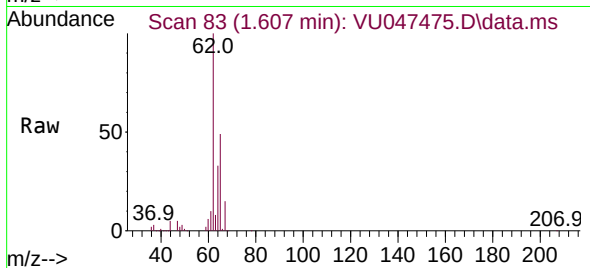
Tgt Ion: 50 Resp: 54092
Ion Ratio Lower Upper
50 100
52 33.6 22.5 41.9



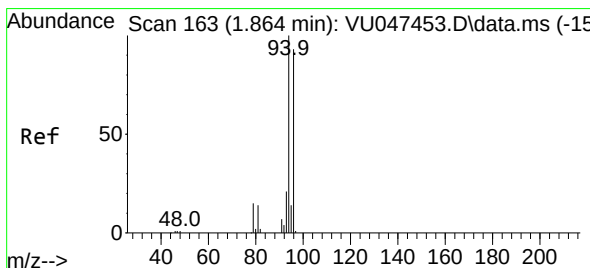
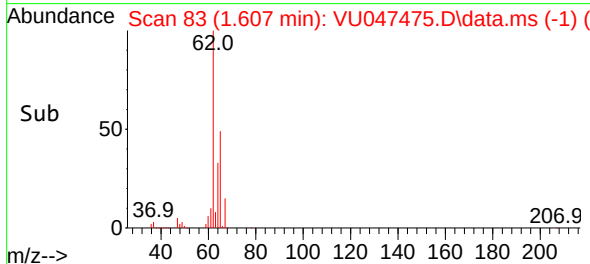
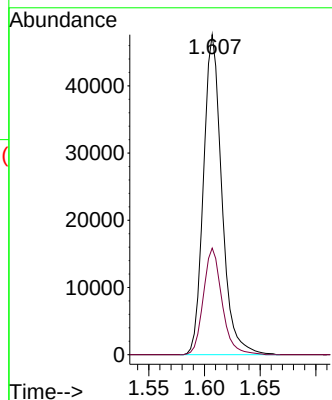


#5
 Vinyl chloride
 Concen: 5.588 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

Instrument :
 MSVOA_U
 ClientSampleId :

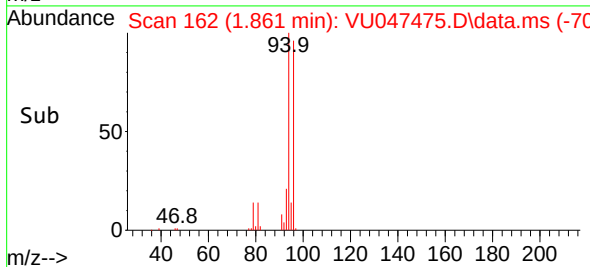
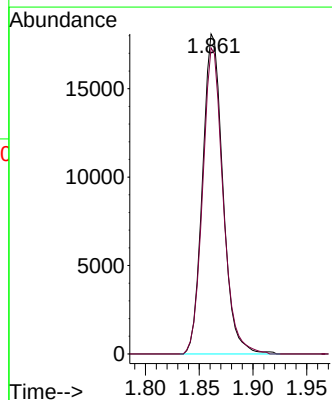
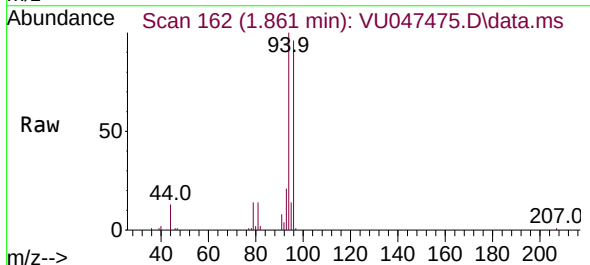


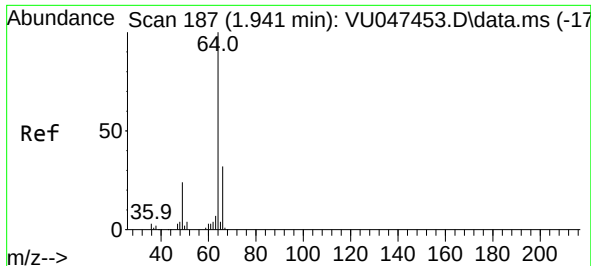
Tgt Ion: 62 Resp: 54556
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 43.9



#6
 Bromomethane
 Concen: 4.291 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

Tgt Ion: 94 Resp: 23886
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.6 121.8

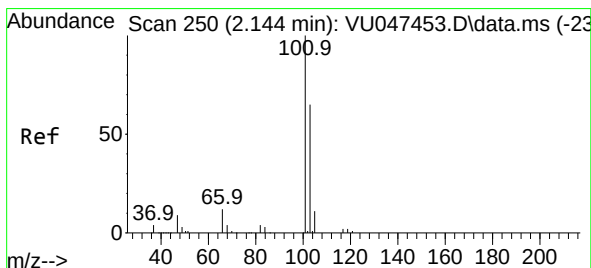
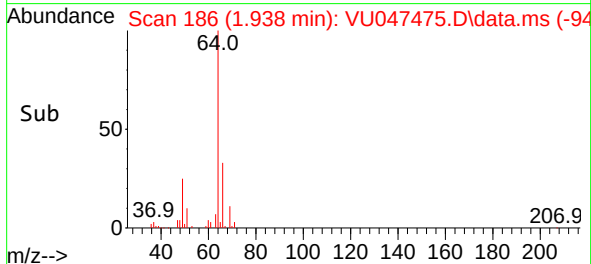
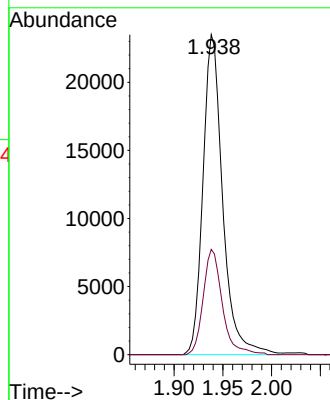
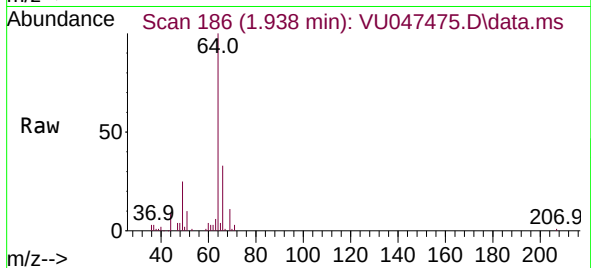




#8
Chloroethane
Concen: 5.574 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

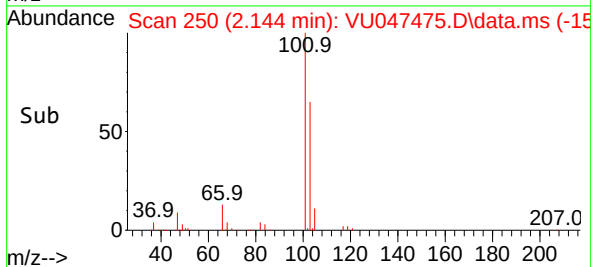
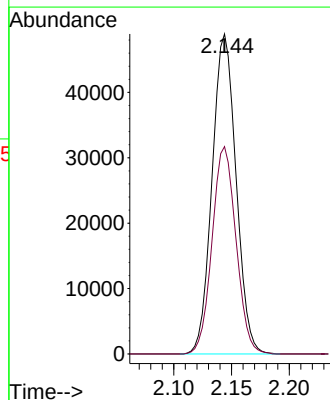
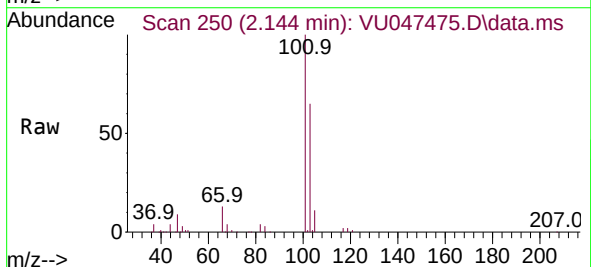
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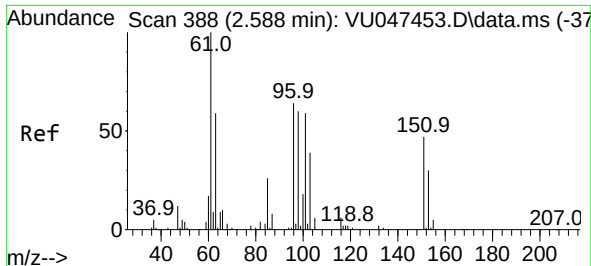
Tgt Ion: 64 Resp: 33050
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.484 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion:101 Resp: 70542
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

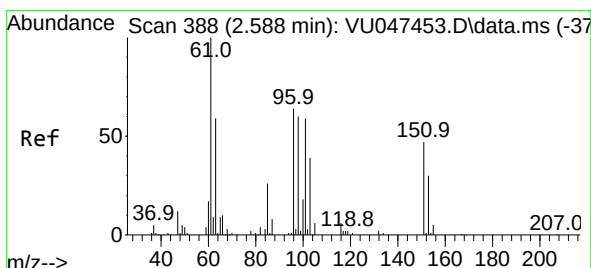
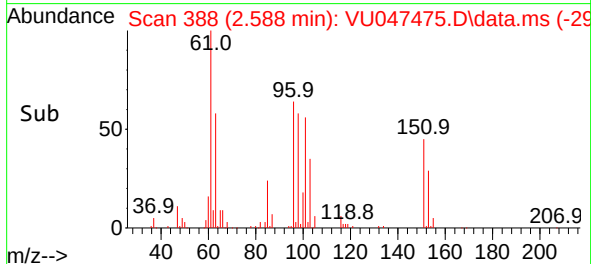
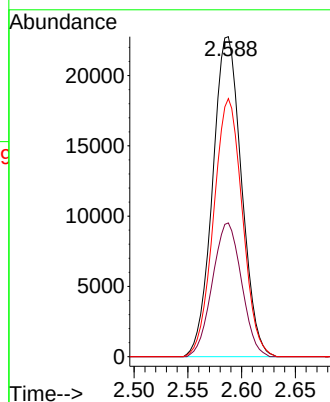
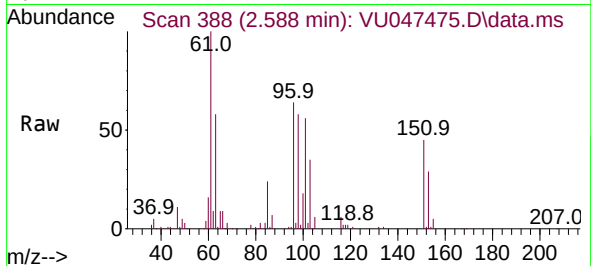




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.362 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

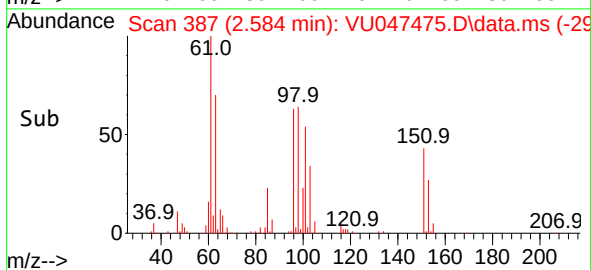
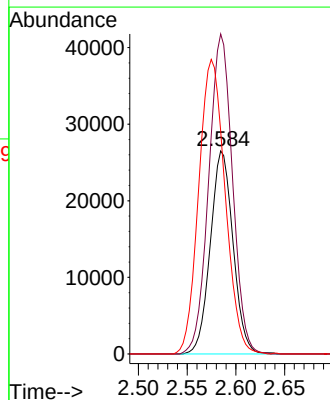
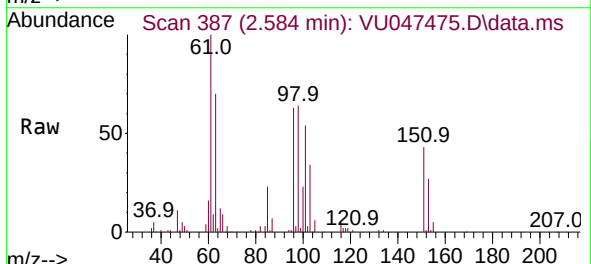
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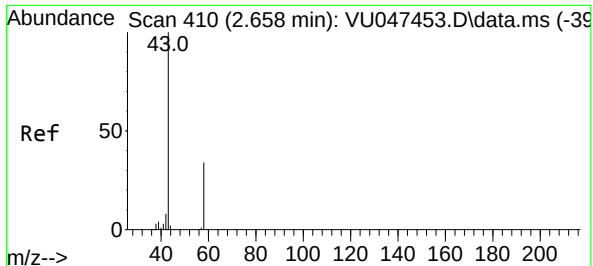
Tgt Ion:101 Resp: 42583
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.6
 151 80.3 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.510 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

Tgt Ion: 96 Resp: 42944
 Ion Ratio Lower Upper
 96 100
 61 157.6 108.8 202.0
 63 109.9 64.0 119.0





#13

Acetone

Concen: 51.005 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.003 min

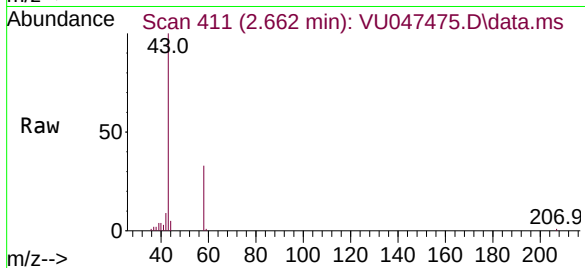
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Instrument :

MSVOA_U

ClientSampleId :

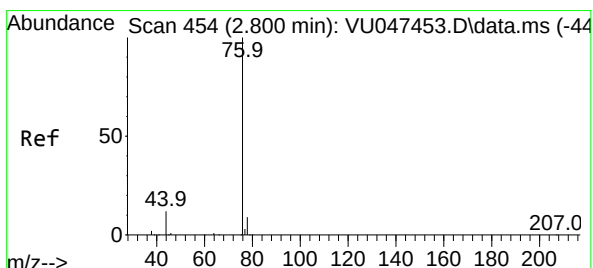
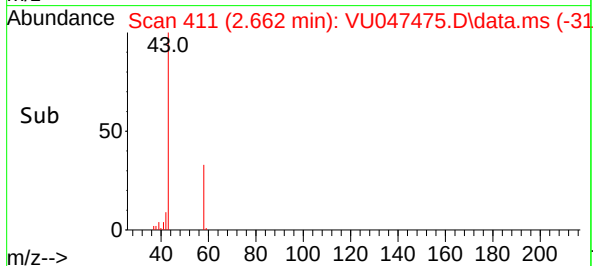
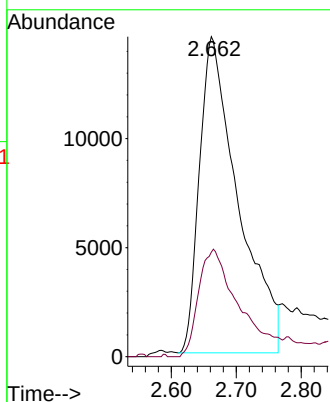


Tgt Ion: 43 Resp: 60071

Ion Ratio Lower Upper

43 100

58 35.7 0.0 72.6



#14

Carbon disulfide

Concen: 5.494 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047475.D

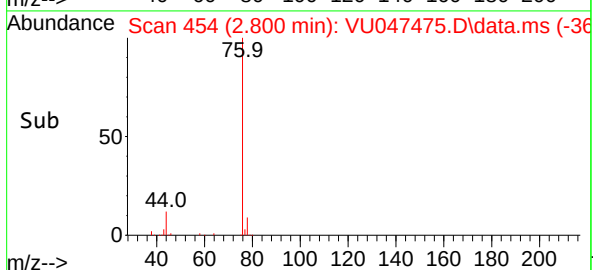
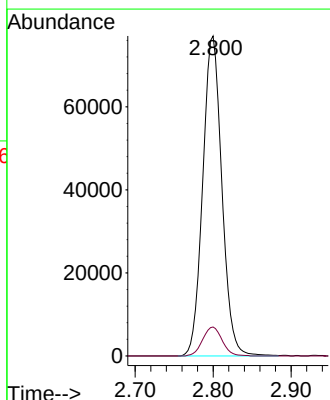
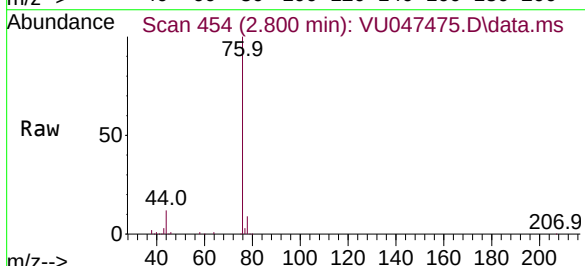
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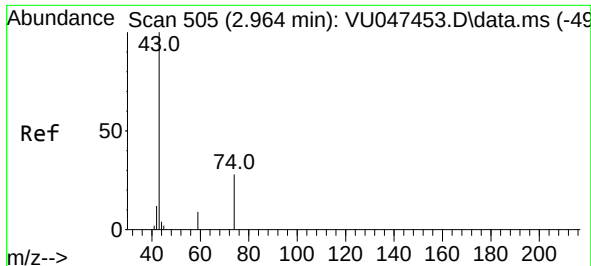
Tgt Ion: 76 Resp: 131432

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

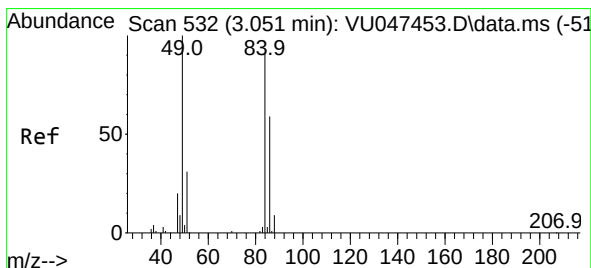
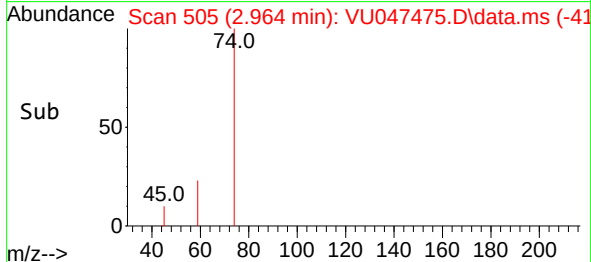
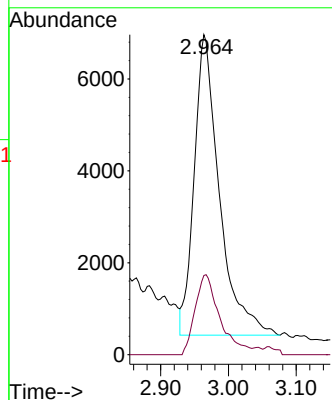
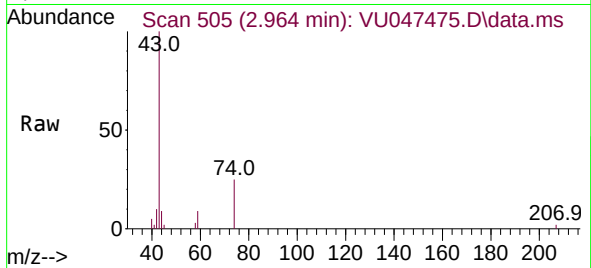




#15
Methyl Acetate
Concen: 5.419 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

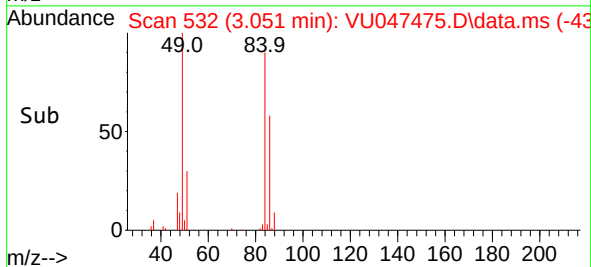
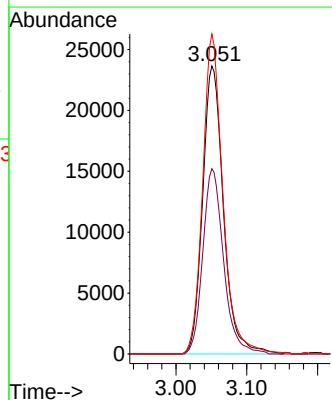
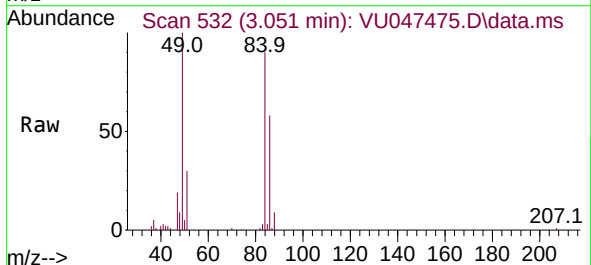
Instrument :
MSVOA_U
ClientSampleId :

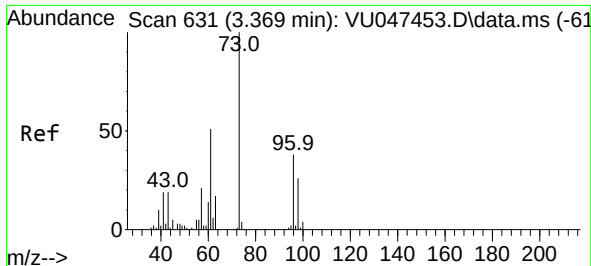
Tgt Ion: 43 Resp: 16866
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.2



#16
Methylene chloride
Concen: 5.189 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion: 84 Resp: 48273
Ion Ratio Lower Upper
84 100
86 64.3 45.9 85.3
49 111.1 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.516 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :

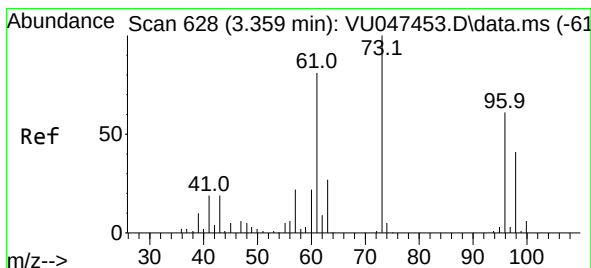
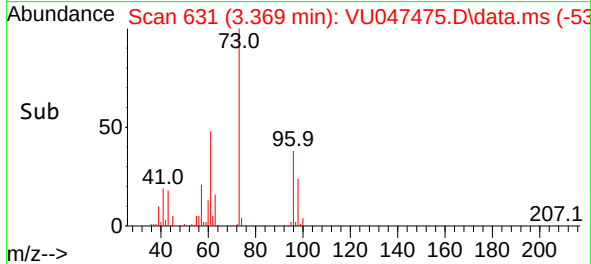
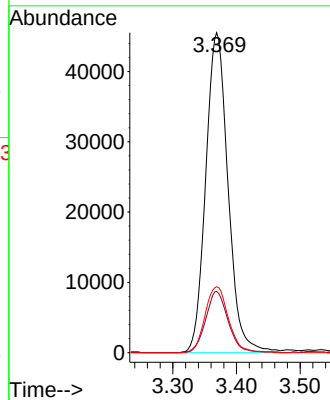
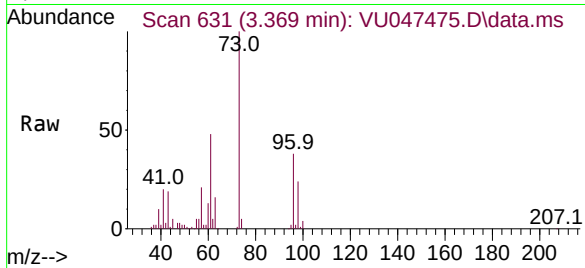
Tgt Ion: 73 Resp: 110876

Ion Ratio Lower Upper

73 100

43 19.3 14.6 22.0

57 21.6 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.525 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

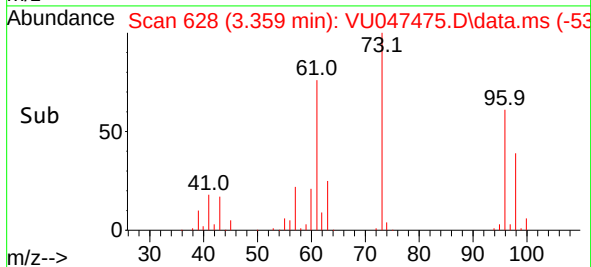
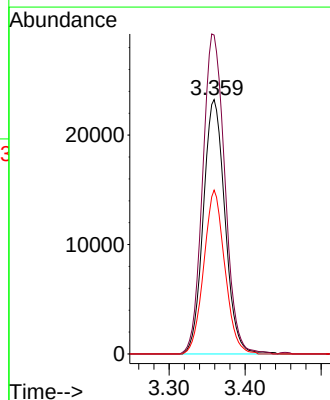
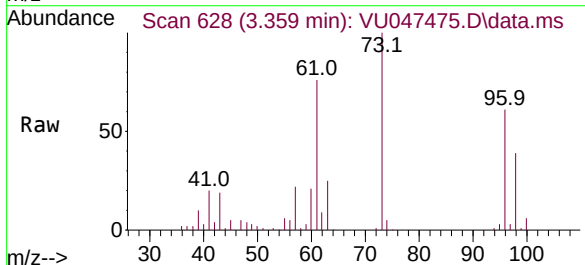
Tgt Ion: 96 Resp: 46100

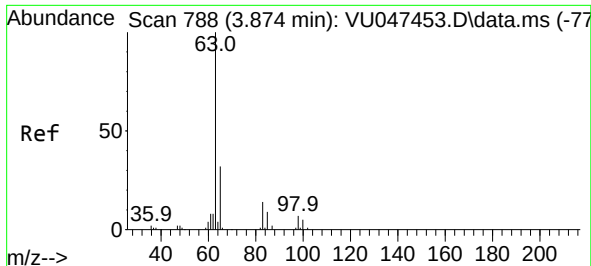
Ion Ratio Lower Upper

96 100

61 125.4 90.4 167.8

98 64.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.754 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :

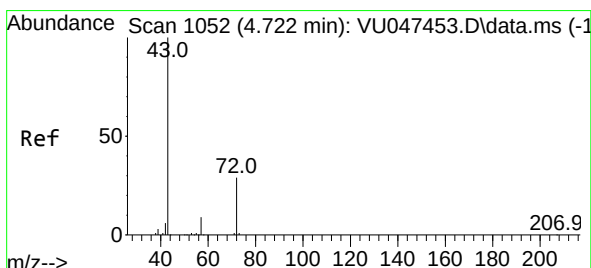
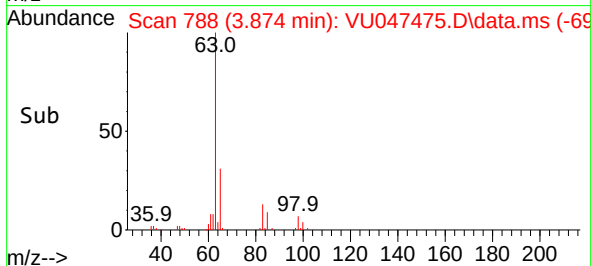
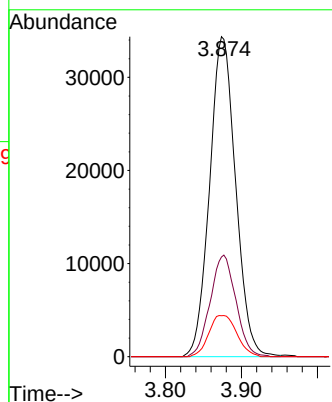
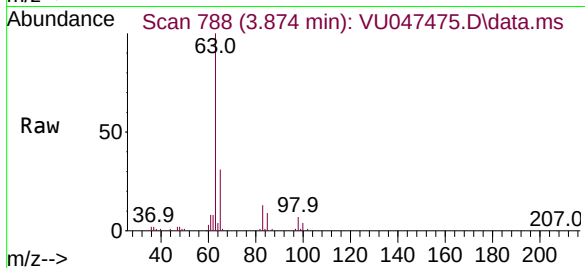
Tgt Ion: 63 Resp: 81661

Ion Ratio Lower Upper

63 100

65 31.2 22.8 42.4

83 12.8 9.9 18.3



#21

2-Butanone

Concen: 55.951 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.003 min

Lab File: VU047475.D

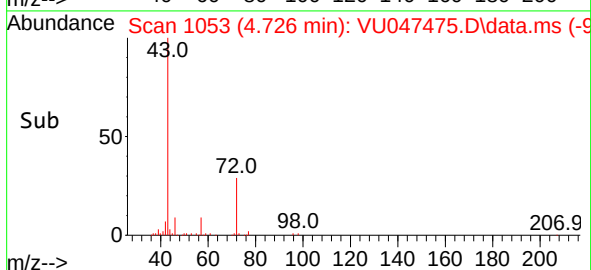
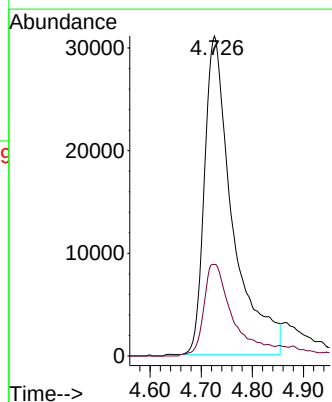
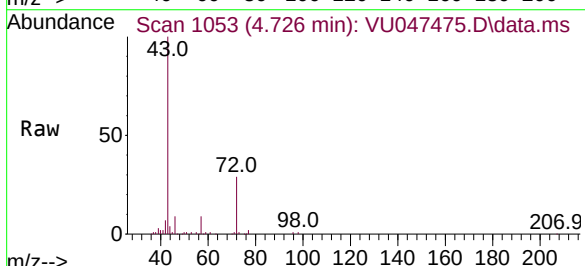
Acq: 10 Mar 2022 21:57

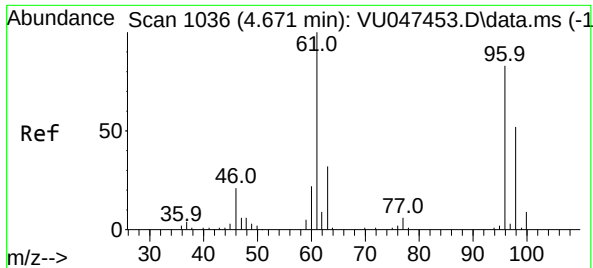
Tgt Ion: 43 Resp: 118667

Ion Ratio Lower Upper

43 100

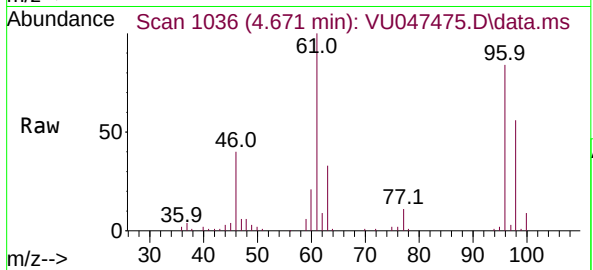
72 28.7 14.7 44.1





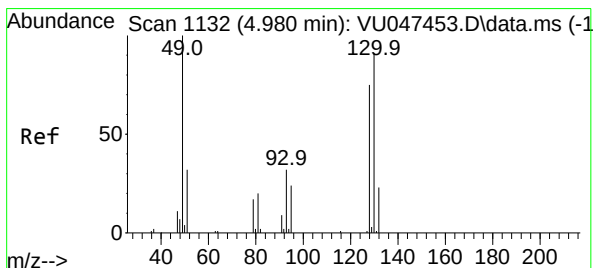
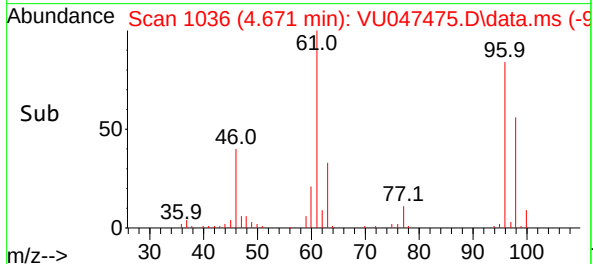
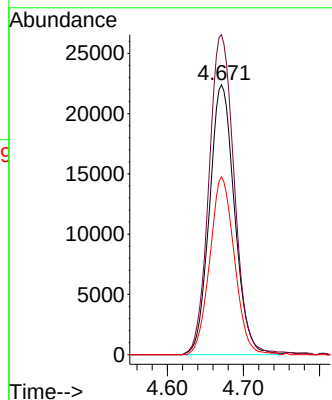
#22
 cis-1,2-Dichloroethene
 Concen: 5.543 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 51249

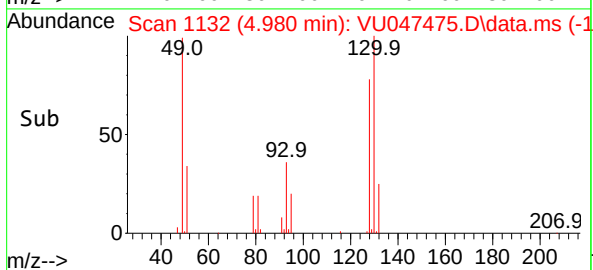
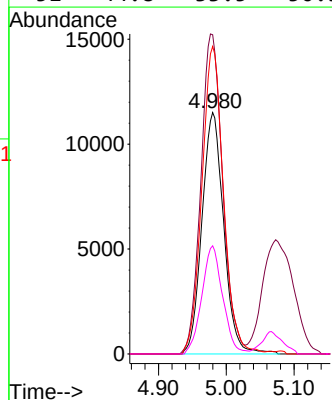
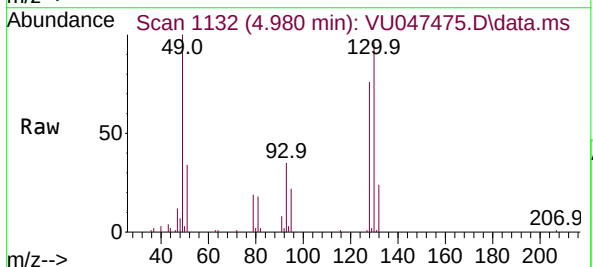
Ion	Ratio	Lower	Upper
96	100		
61	118.5	80.8	150.0
98	65.9	44.7	83.1

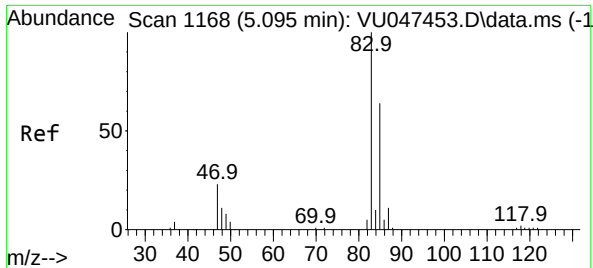


#23
 Bromochloromethane
 Concen: 5.817 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

Tgt Ion: 128 Resp: 25699

Ion	Ratio	Lower	Upper
128	100		
49	132.2	91.6	170.2
130	127.4	89.6	166.4
51	44.8	33.5	50.3

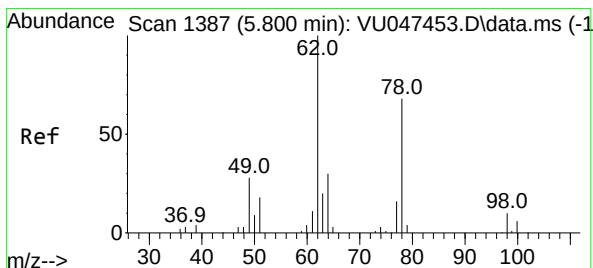
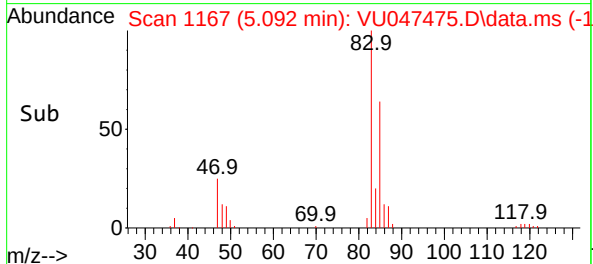
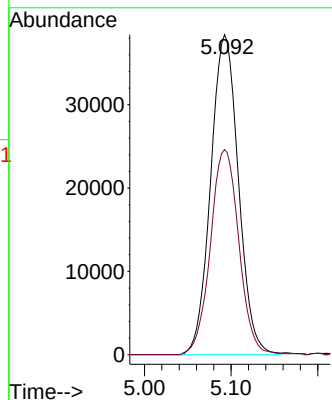
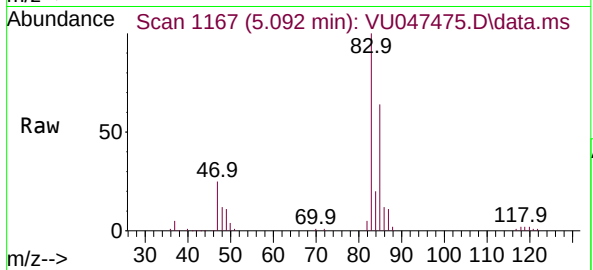




#25
Chloroform
Concen: 5.559 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

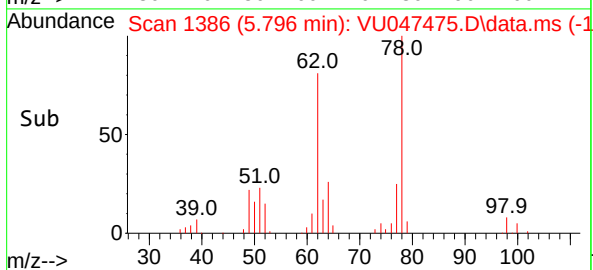
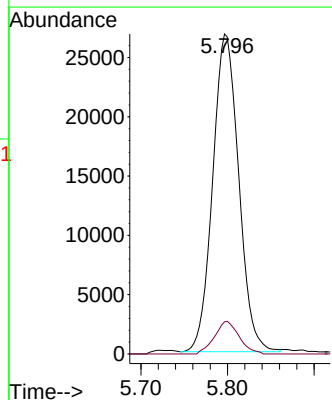
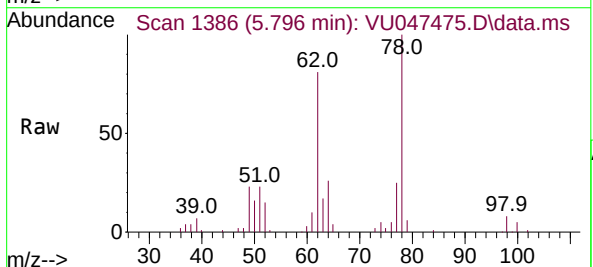
Instrument :
MSVOA_U
ClientSampleId :

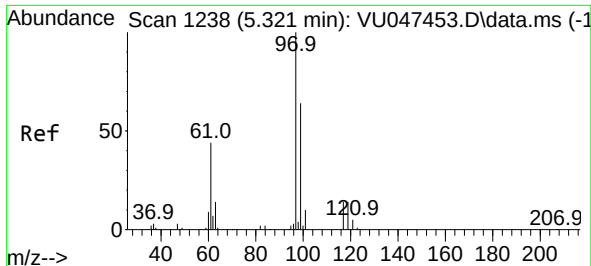
Tgt Ion: 83 Resp: 85425
Ion Ratio Lower Upper
83 100
85 64.1 46.2 85.8



#27
1,2-Dichloroethane
Concen: 5.649 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion: 62 Resp: 55886
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.595 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :

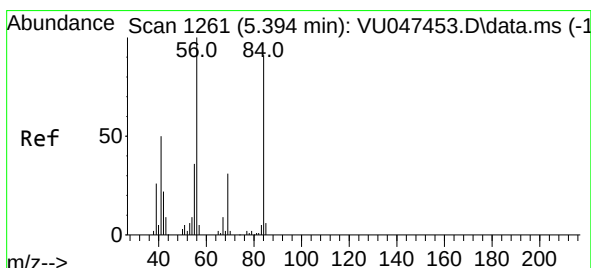
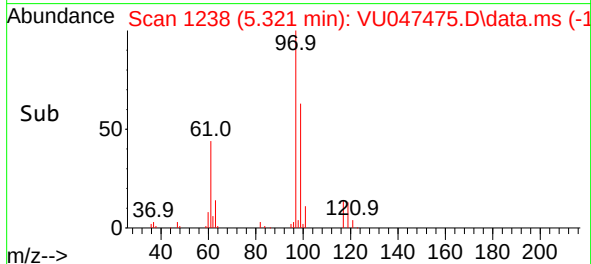
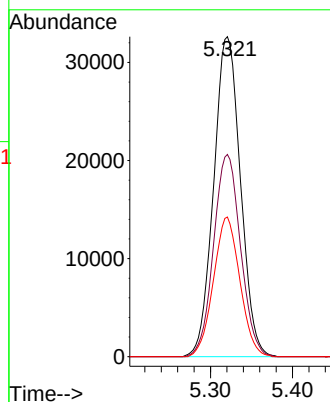
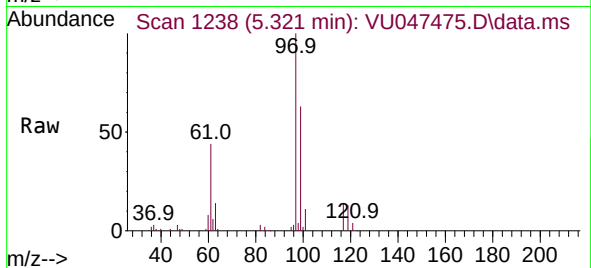
Tgt Ion: 97 Resp: 74134

Ion Ratio Lower Upper

97 100

99 63.6 52.1 78.1

61 43.1 33.8 50.6



#30

Cyclohexane

Concen: 5.271 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

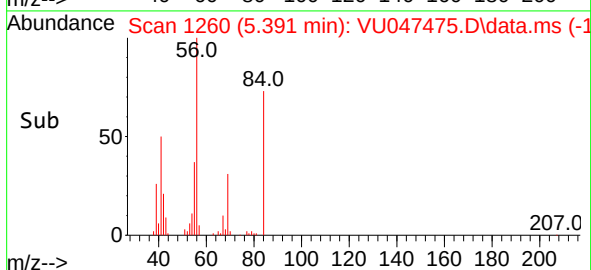
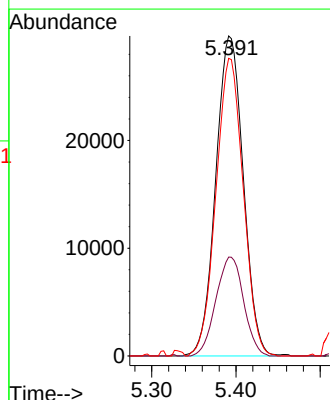
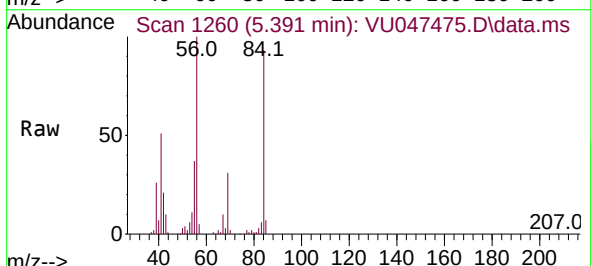
Tgt Ion: 56 Resp: 67280

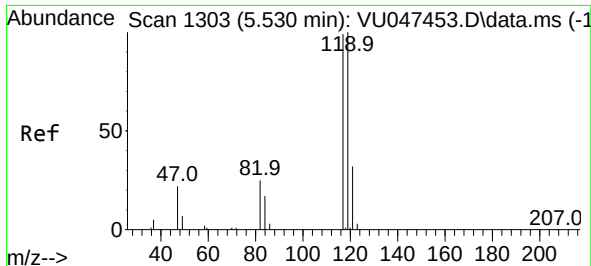
Ion Ratio Lower Upper

56 100

69 31.1 26.0 39.0

84 92.1 76.3 114.5

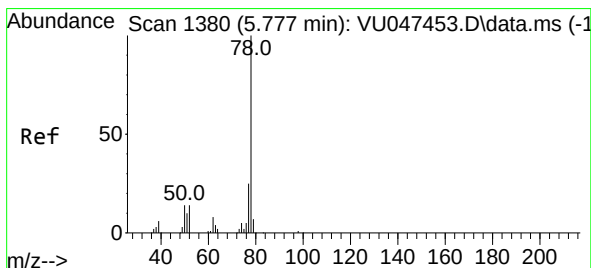
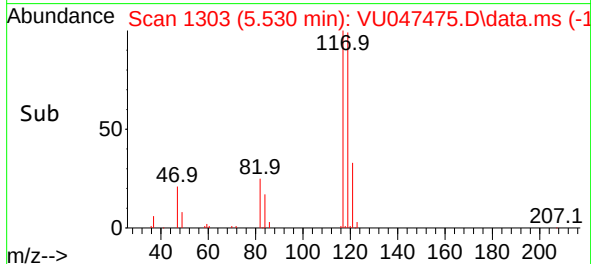
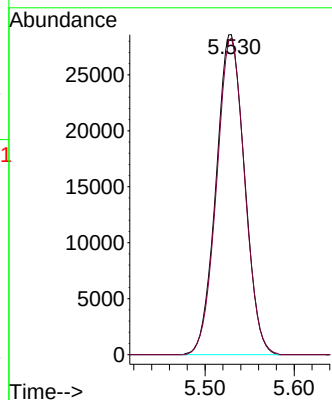
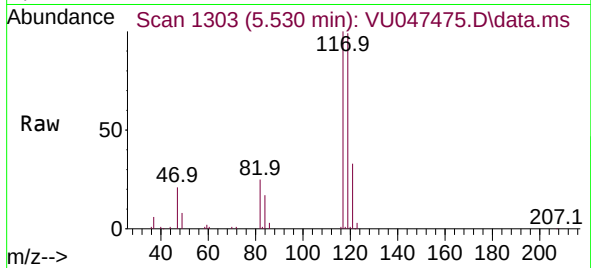




#31
Carbon tetrachloride
Concen: 5.444 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

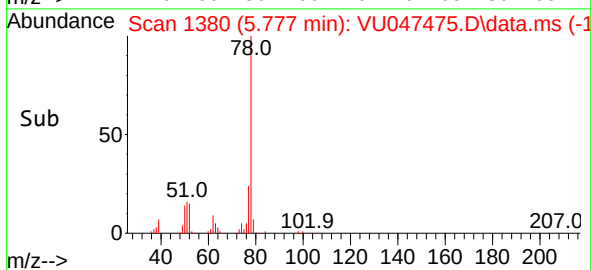
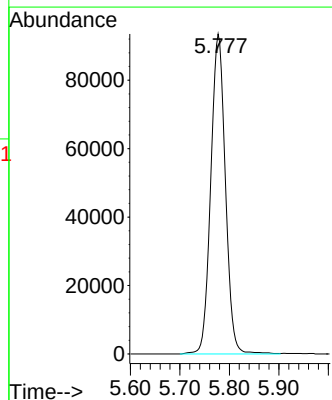
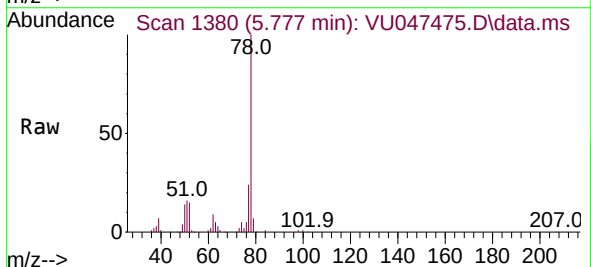
Instrument :
MSVOA_U
ClientSampleId :

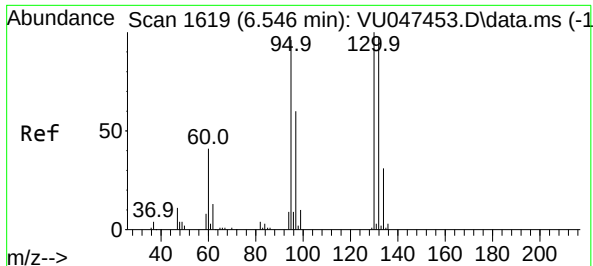
Tgt Ion:117 Resp: 63353
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8



#33
Benzene
Concen: 5.523 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

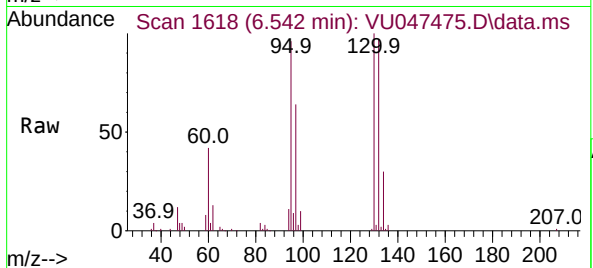
Tgt Ion: 78 Resp: 191288



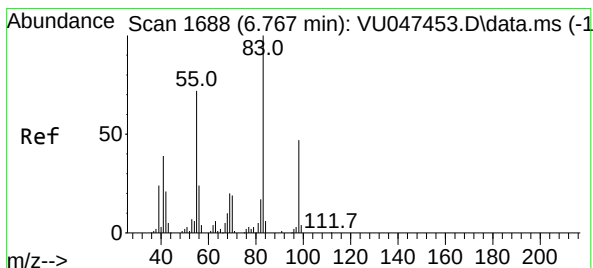
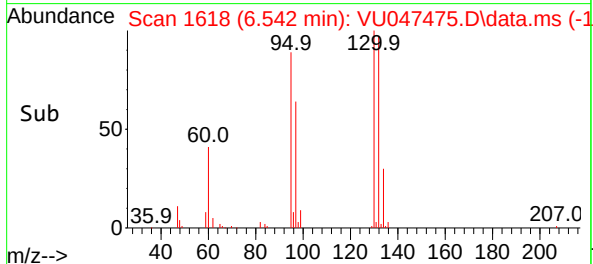
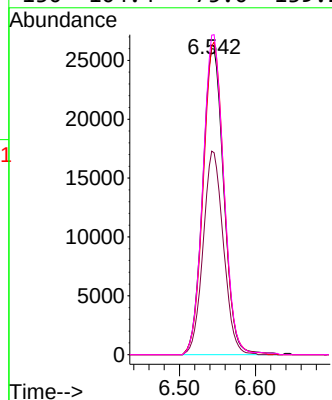


#34
Trichloroethene
Concen: 5.414 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Instrument :
MSVOA_U
ClientSampleId :

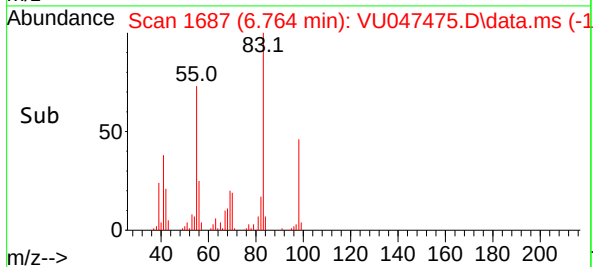
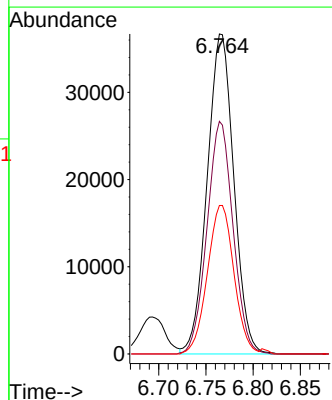
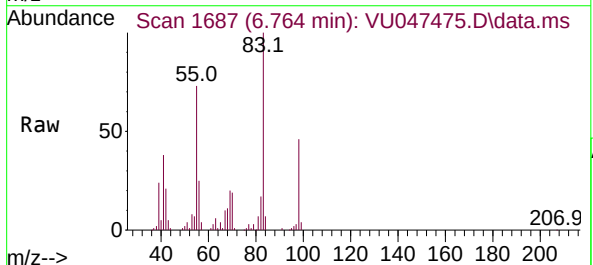


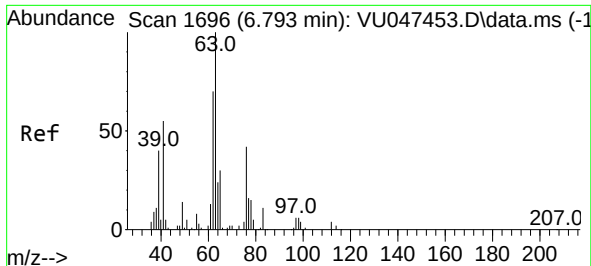
Tgt Ion: 95 Resp: 50119
Ion Ratio Lower Upper
95 100
97 66.5 46.3 85.9
132 100.9 71.7 133.1
130 104.4 75.0 139.2



#35
Methylcyclohexane
Concen: 4.931 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion: 83 Resp: 72015
Ion Ratio Lower Upper
83 100
55 71.0 57.8 86.8
98 46.2 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.650 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

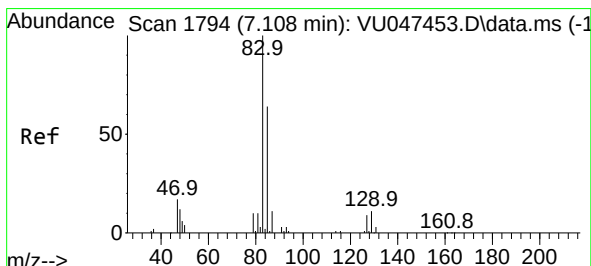
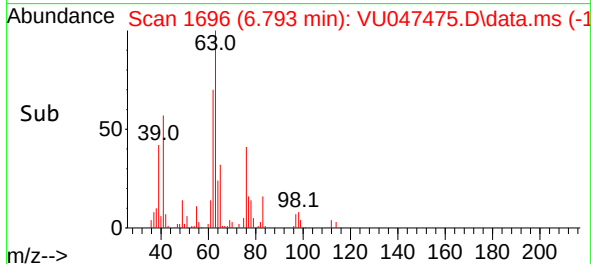
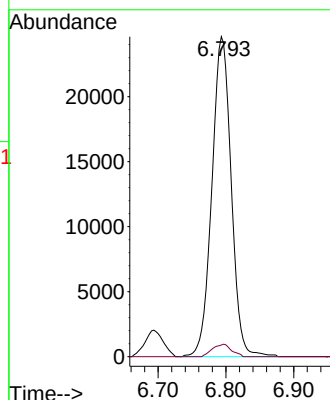
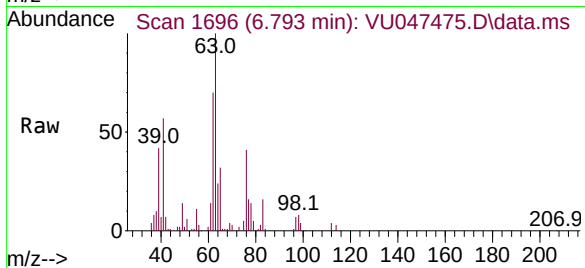
ClientSampleId :

Tgt Ion: 63 Resp: 48730

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 5.641 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

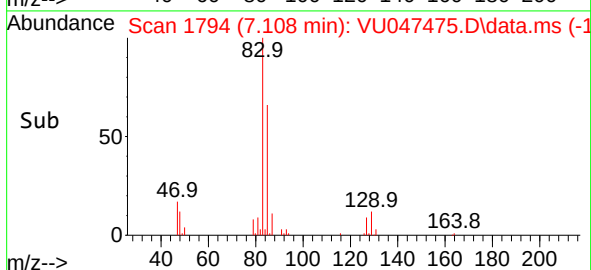
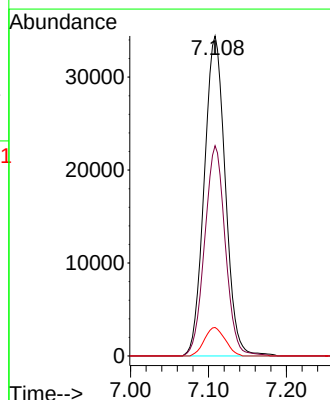
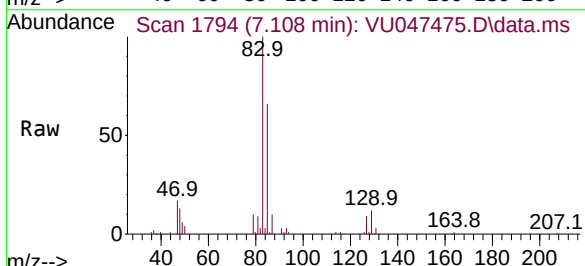
Tgt Ion: 83 Resp: 64601

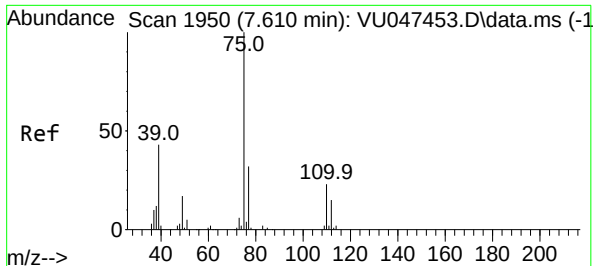
Ion Ratio Lower Upper

83 100

85 65.7 45.0 83.6

127 8.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.436 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

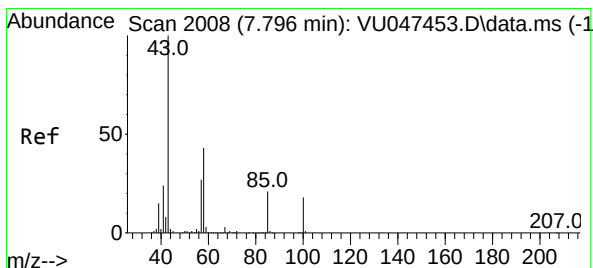
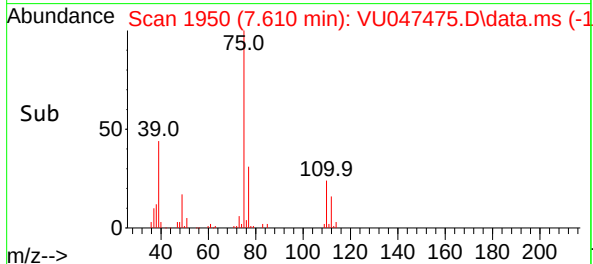
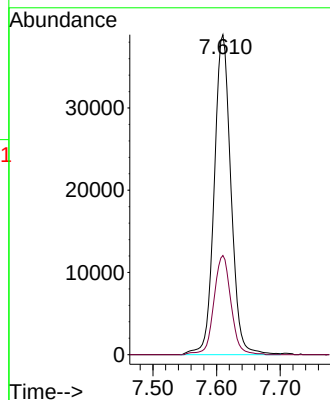
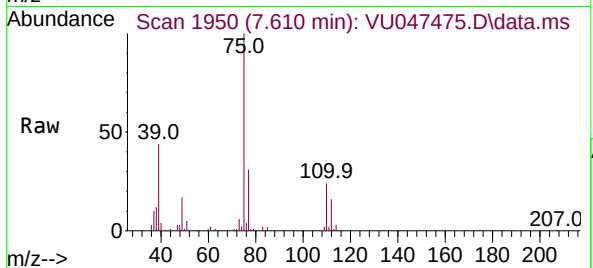
ClientSampleId :

Tgt Ion: 75 Resp: 71088

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 54.245 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

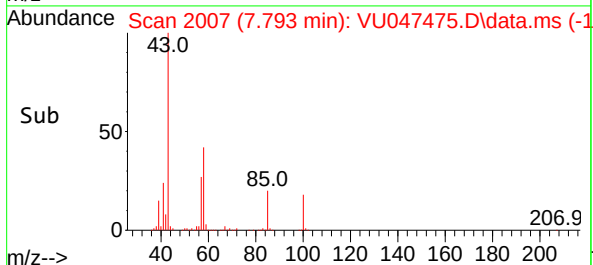
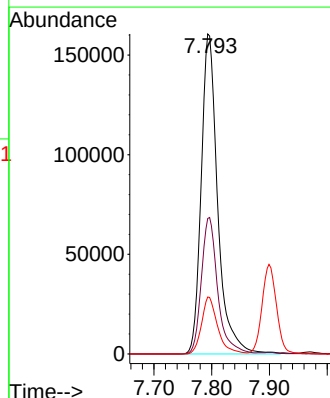
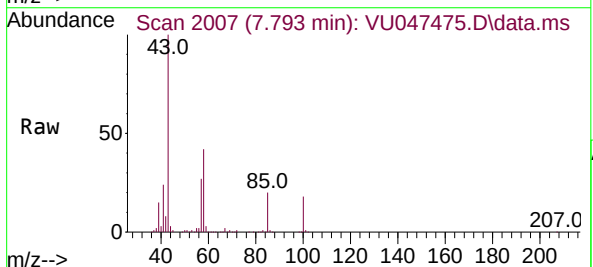
Tgt Ion: 43 Resp: 318945

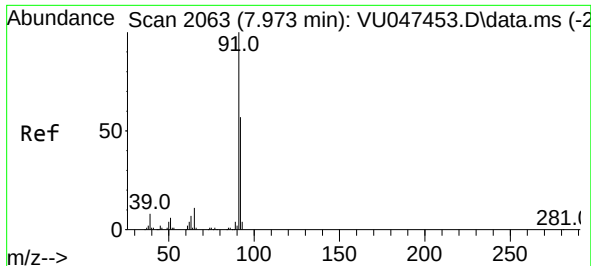
Ion Ratio Lower Upper

43 100

58 42.3 34.8 52.2

100 17.4 14.2 21.4

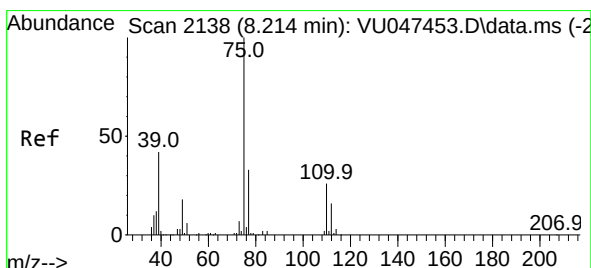
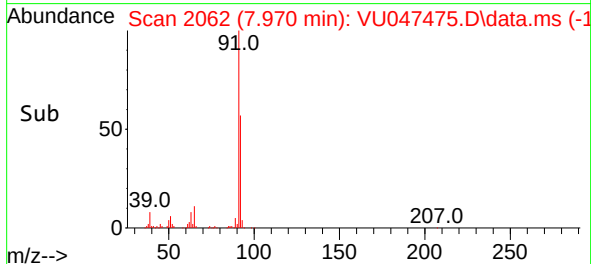
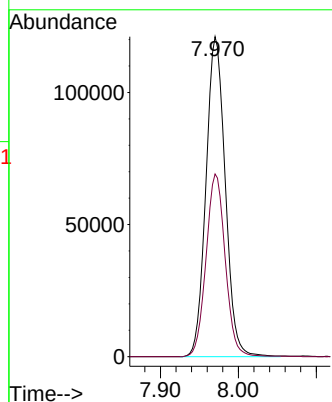
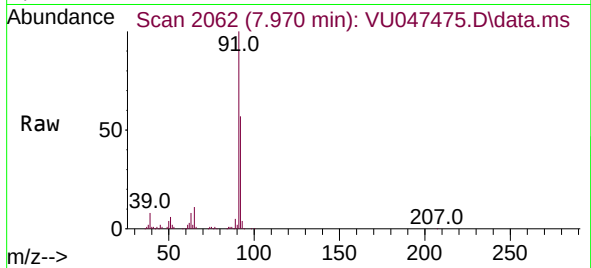




#42
Toluene
Concen: 5.527 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

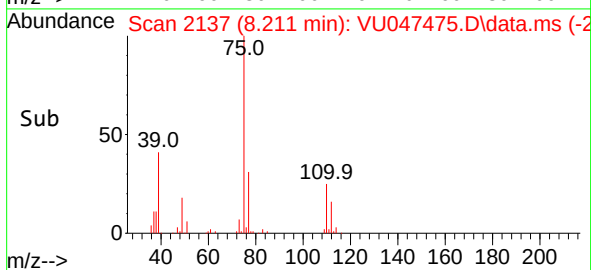
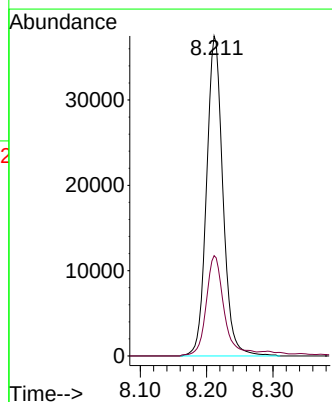
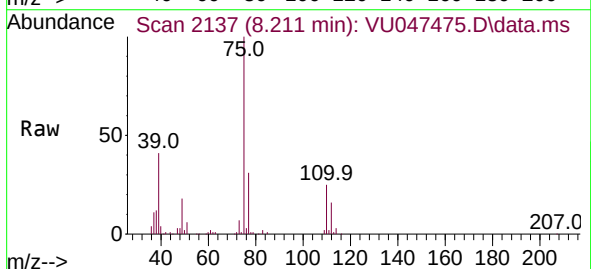
Instrument :
MSVOA_U
ClientSampleId :

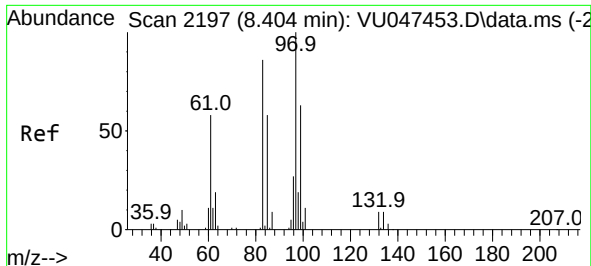
Tgt Ion: 91 Resp: 207958
Ion Ratio Lower Upper
91 100
92 57.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.452 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

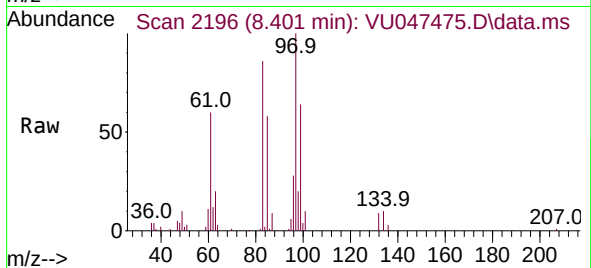
Tgt Ion: 75 Resp: 64296
Ion Ratio Lower Upper
75 100
77 31.3 23.6 43.8



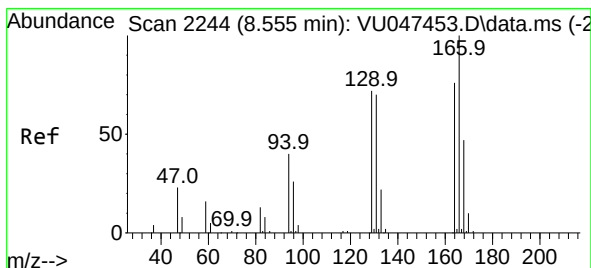
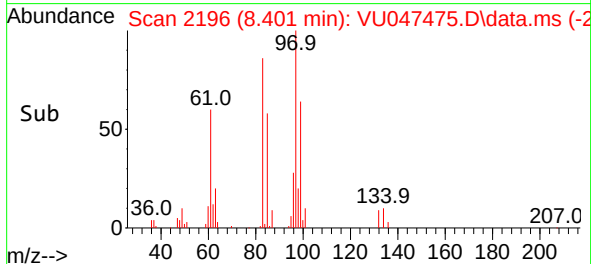
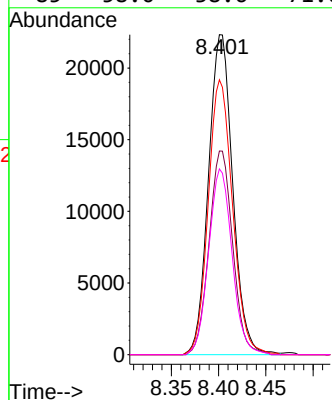


#45
1,1,2-Trichloroethane
Concen: 5.633 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Instrument :
MSVOA_U
ClientSampleId :

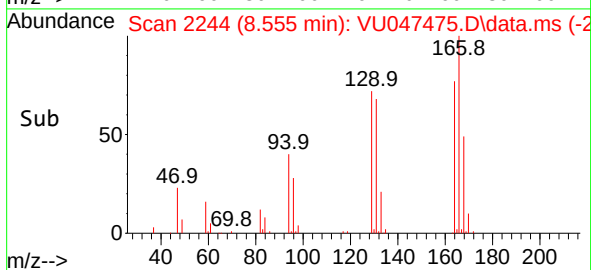
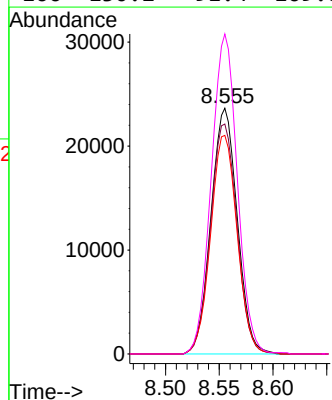
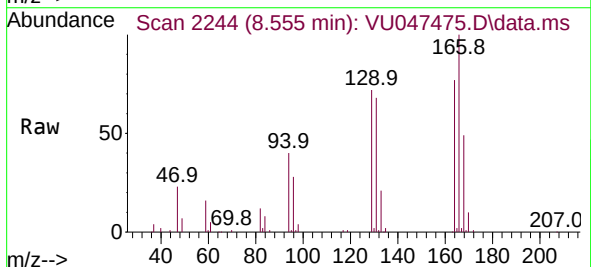


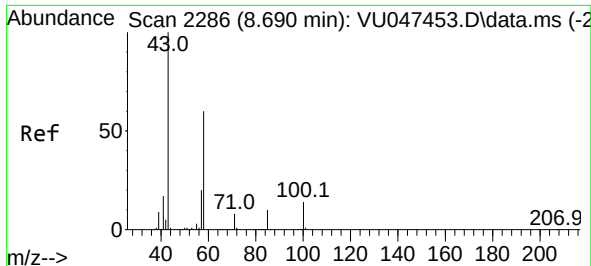
Tgt Ion:	97	Resp:	39822
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.5
83	85.9	59.1	109.9
85	58.0	38.6	71.6



#47
Tetrachloroethene
Concen: 5.142 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

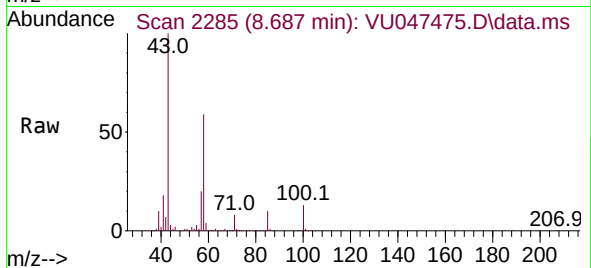
Tgt Ion:	164	Resp:	40384
Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.9	120.5
131	88.9	63.6	118.2
166	130.2	91.4	169.8



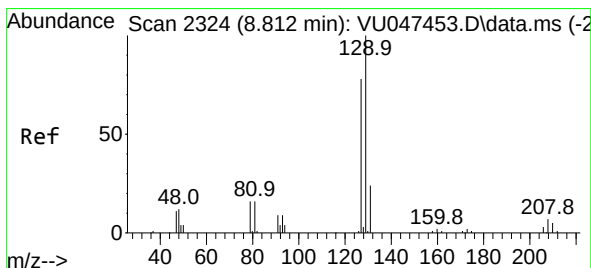
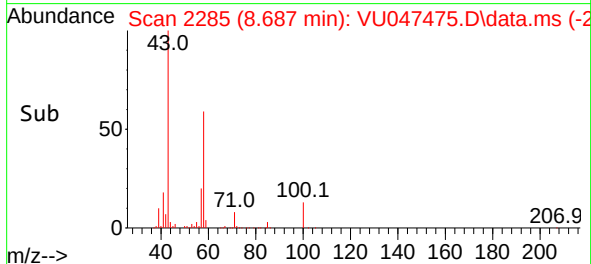
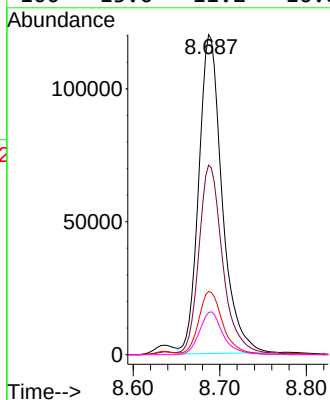


#48
2-Hexanone
Concen: 52.644 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Instrument :
MSVOA_U
ClientSampleId :

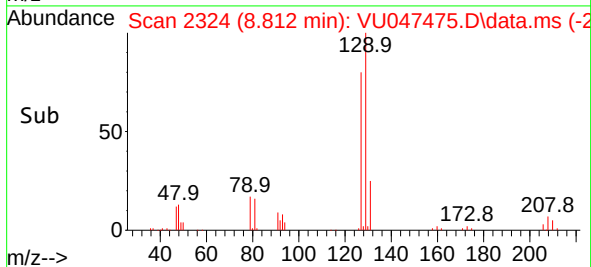
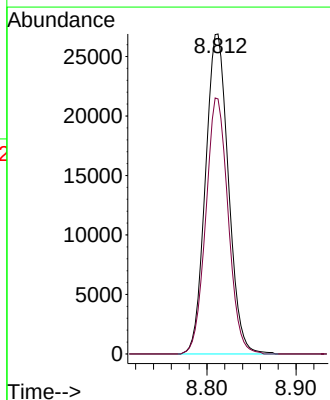
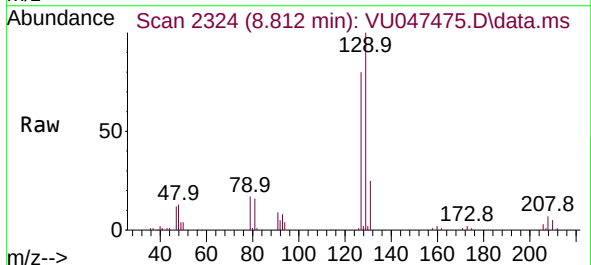


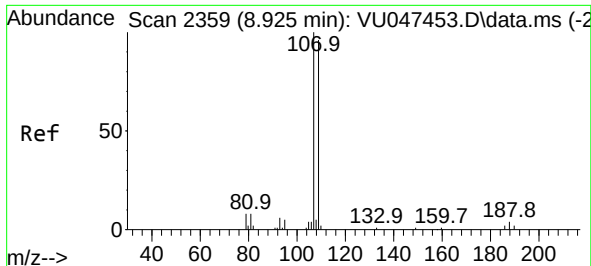
Tgt Ion: 43 Resp: 224569
Ion Ratio Lower Upper
43 100
58 60.3 47.7 71.5
57 20.6 16.6 25.0
100 13.6 11.2 16.8



#49
Dibromochloromethane
Concen: 5.596 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion: 129 Resp: 48051
Ion Ratio Lower Upper
129 100
127 79.7 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.514 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047475.D

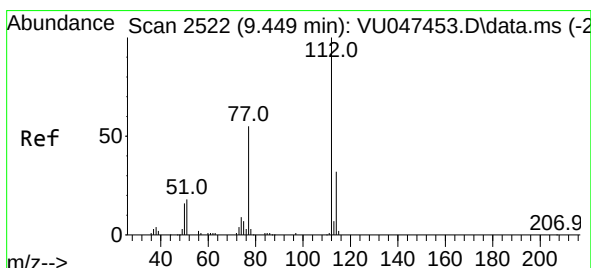
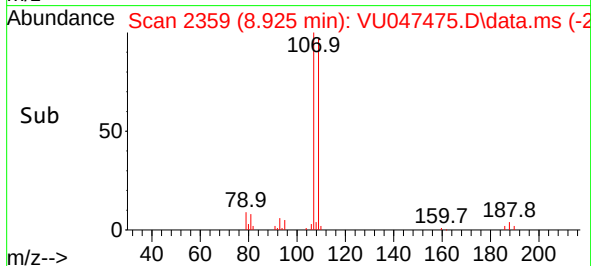
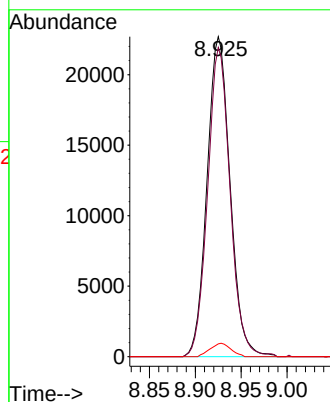
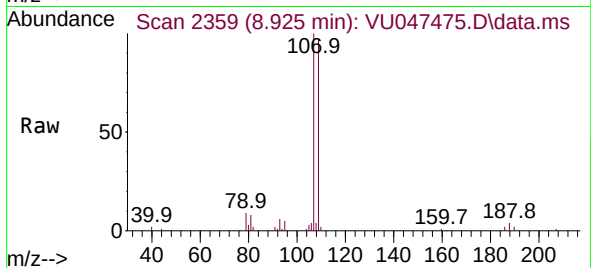
Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	39662
Ion Ratio	Lower	Upper
107	100	
109	96.6	65.8 122.2
188	4.0	3.3 4.9



#51

Chlorobenzene

Concen: 5.504 ug/L

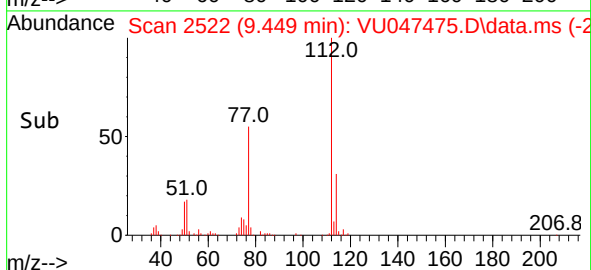
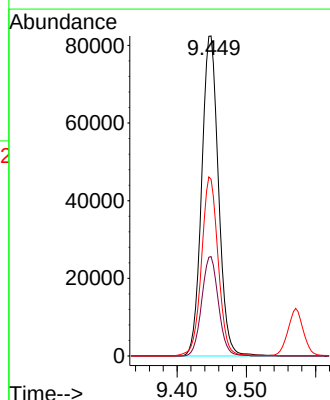
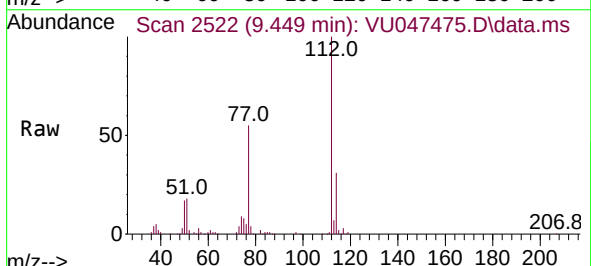
RT: 9.449 min Scan# 2522

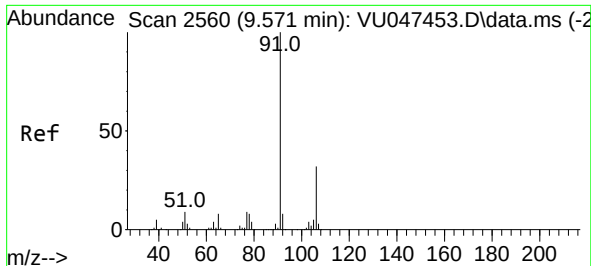
Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Tgt Ion:112	Resp:	138524
Ion Ratio	Lower	Upper
112	100	
114	31.1	22.8 42.4
77	55.2	45.0 67.6

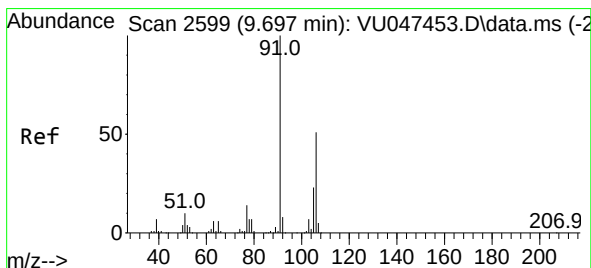
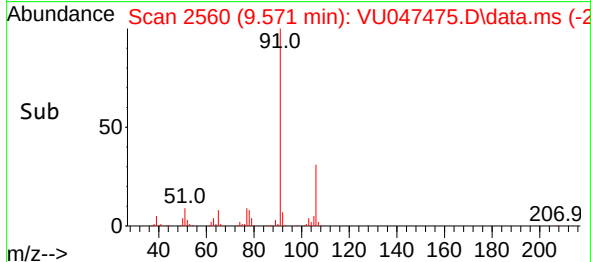
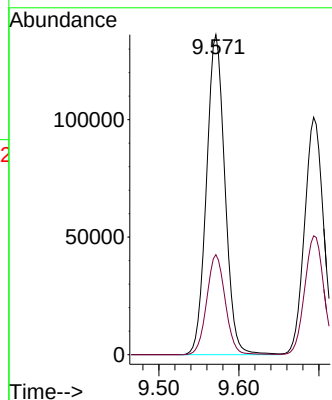
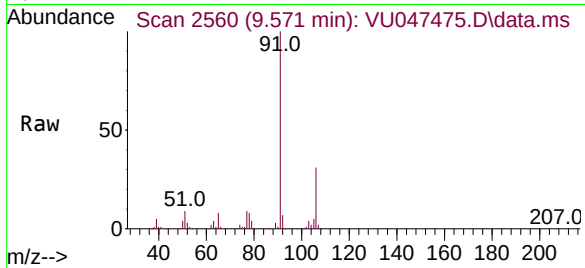




#52
Ethylbenzene
Concen: 5.358 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

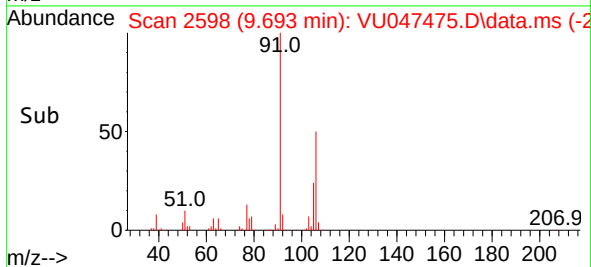
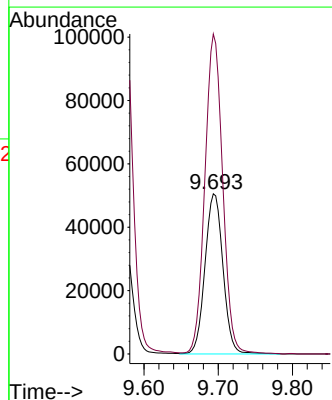
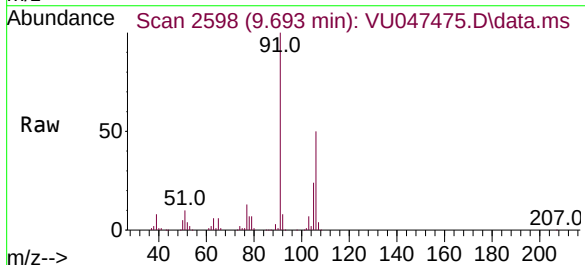
Instrument :
MSVOA_U
ClientSampleId :

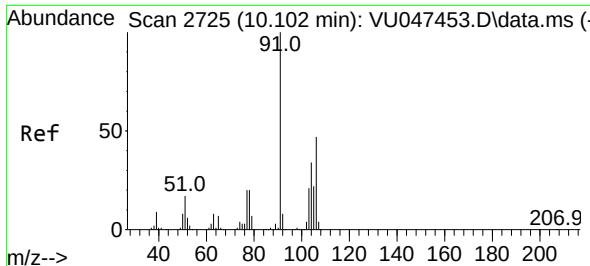
Tgt Ion: 91 Resp: 218323
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 5.316 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion:106 Resp: 84974
Ion Ratio Lower Upper
106 100
91 199.7 138.8 257.8

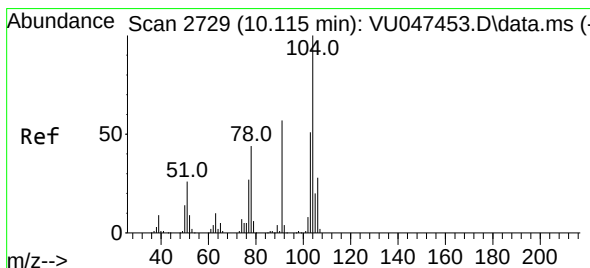
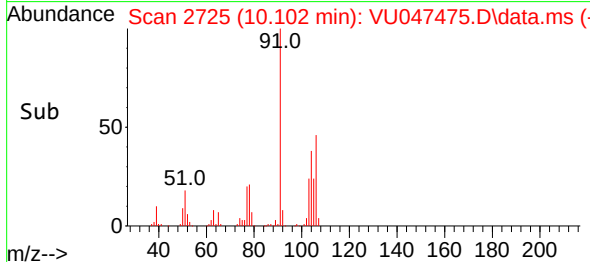
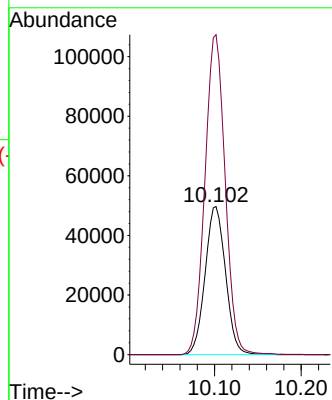
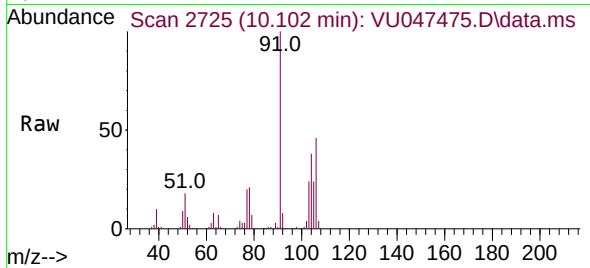




#54
o-Xylene
Concen: 5.263 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

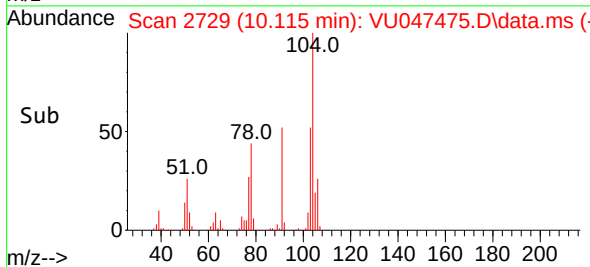
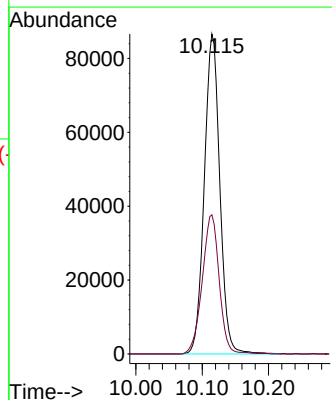
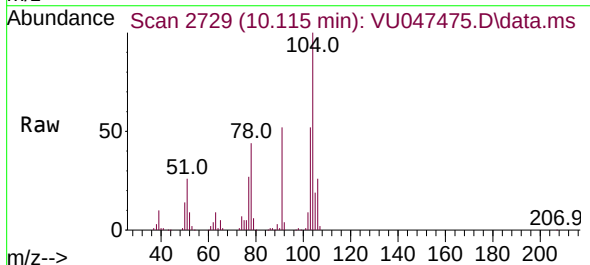
Instrument :
MSVOA_U
ClientSampleId :

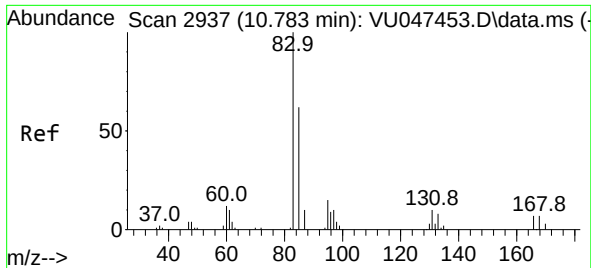
Tgt Ion:106 Resp: 81504
Ion Ratio Lower Upper
106 100
91 216.0 149.2 277.0



#55
Styrene
Concen: 5.392 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion:104 Resp: 141153
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.4

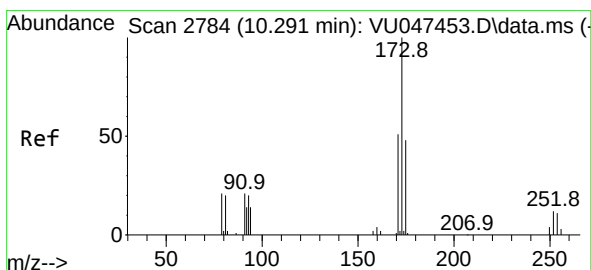
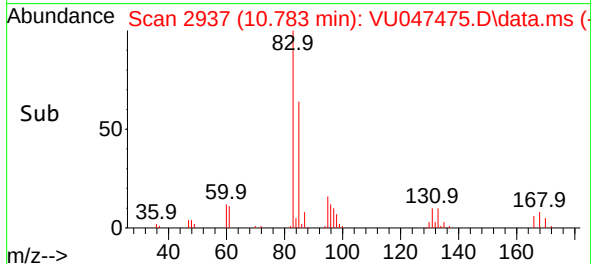
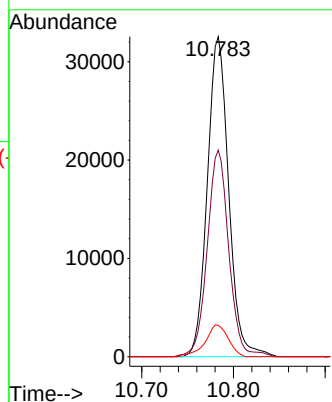
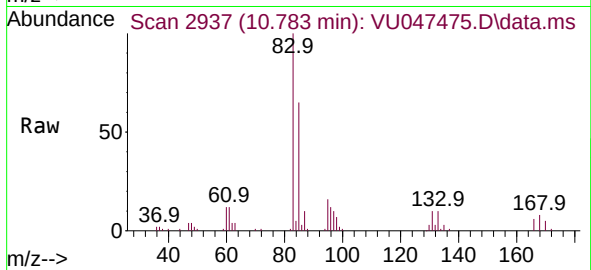




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.568 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

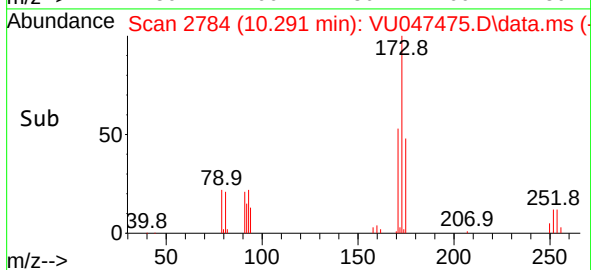
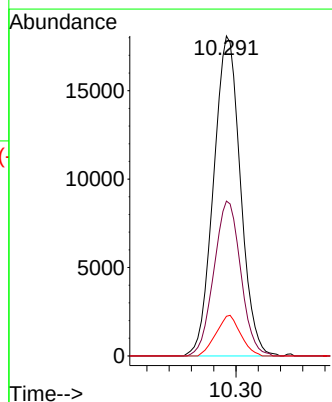
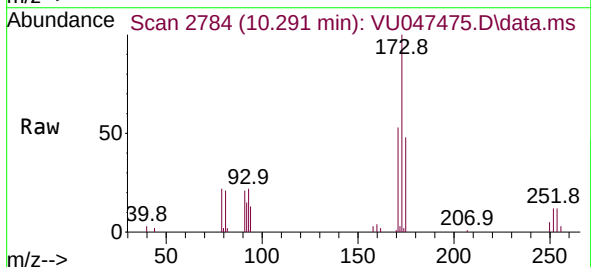
Instrument :
 MSVOA_U
 ClientSampleId :

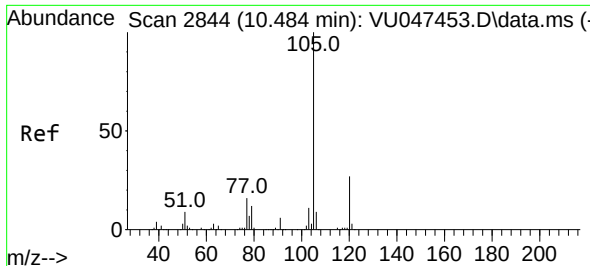
Tgt Ion: 83	Resp: 52688
Ion Ratio	Lower Upper
83 100	
85 64.5	46.0 85.4
131 9.8	8.2 12.4



#59
 Bromoform
 Concen: 5.712 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU047475.D
 Acq: 10 Mar 2022 21:57

Tgt Ion: 173	Resp: 30276
Ion Ratio	Lower Upper
173 100	
175 48.4	38.7 58.1
254 11.6	9.0 13.4

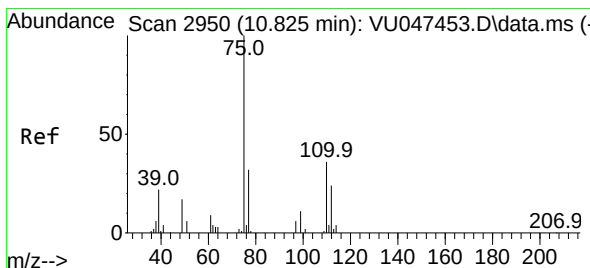
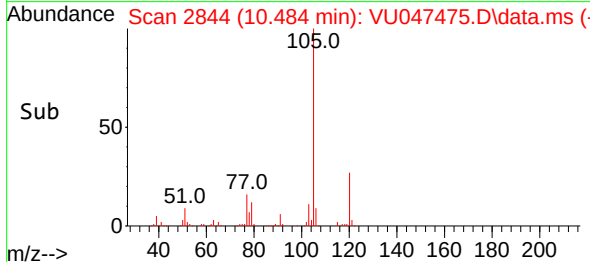
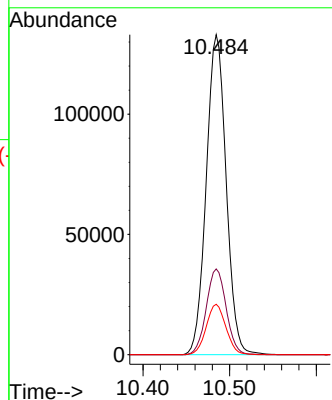
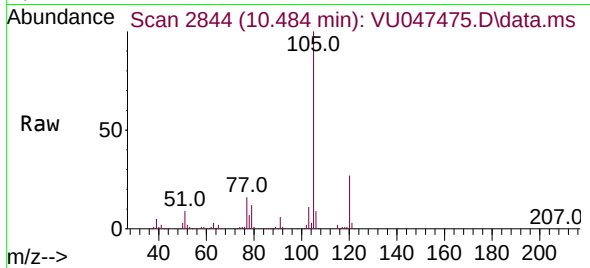




#60
Isopropylbenzene
Concen: 5.395 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

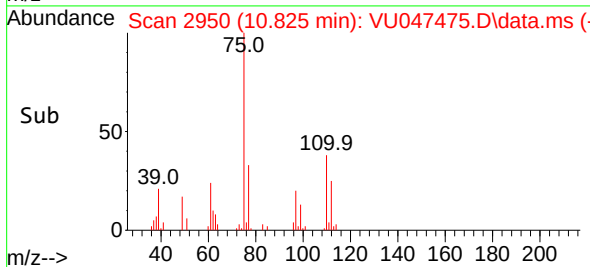
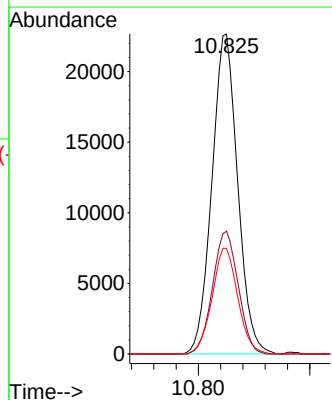
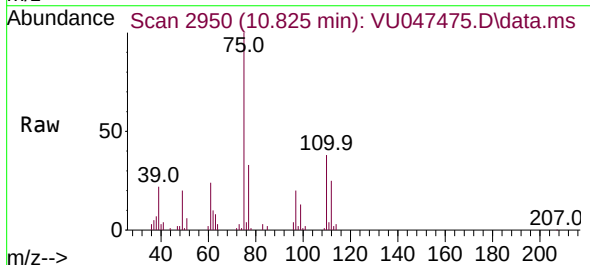
Instrument :
MSVOA_U
ClientSampleId :

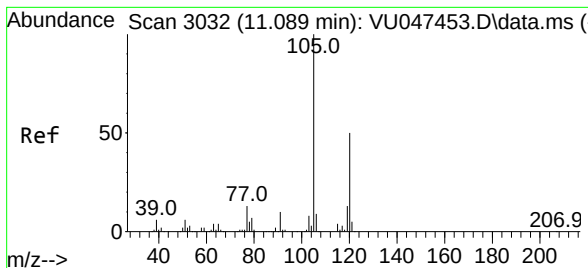
Tgt Ion:105 Resp: 212484
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.573 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion: 75 Resp: 36342
Ion Ratio Lower Upper
75 100
110 38.2 31.0 46.4
77 33.0 26.2 39.4

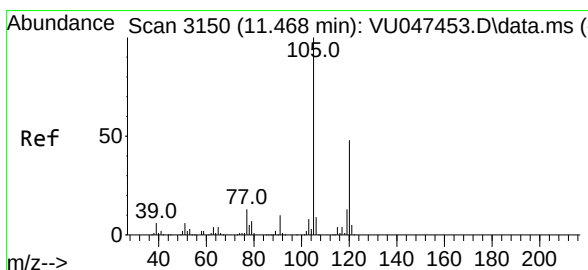
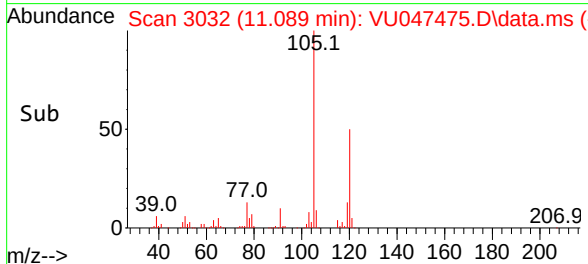
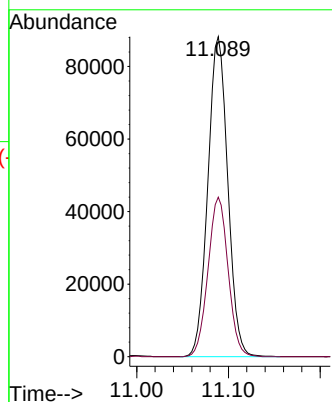
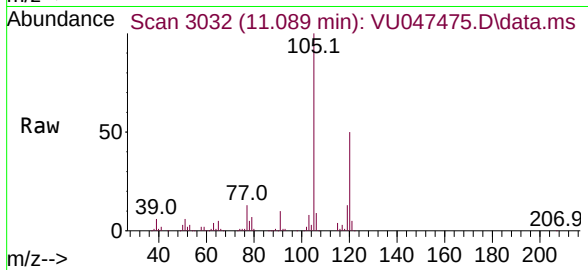




#62
1,3,5-Trimethylbenzene
Concen: 5.152 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

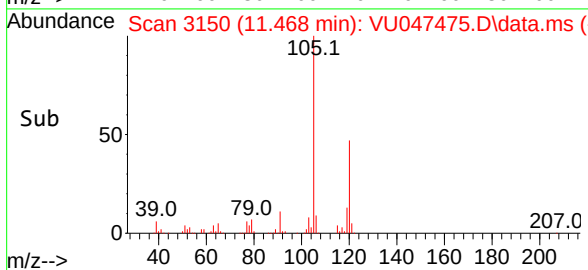
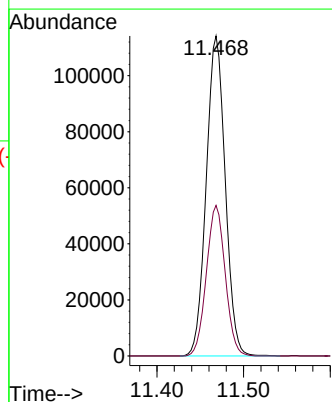
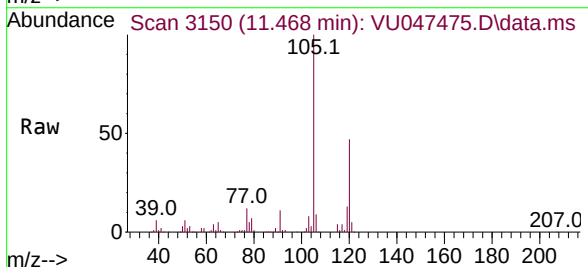
Instrument :
MSVOA_U
ClientSampleId :

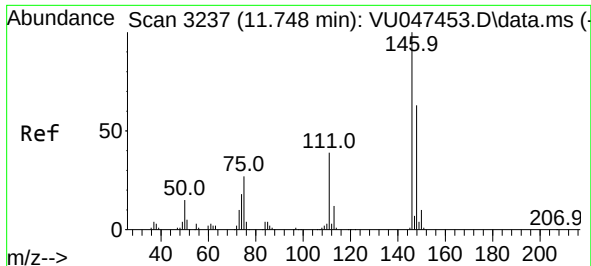
Tgt Ion:105 Resp: 133108
Ion Ratio Lower Upper
105 100
120 50.3 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.194 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion:105 Resp: 174062
Ion Ratio Lower Upper
105 100
120 46.6 37.2 55.8

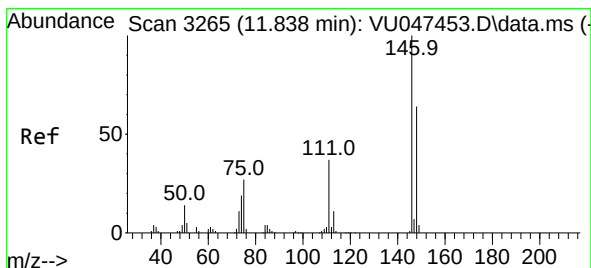
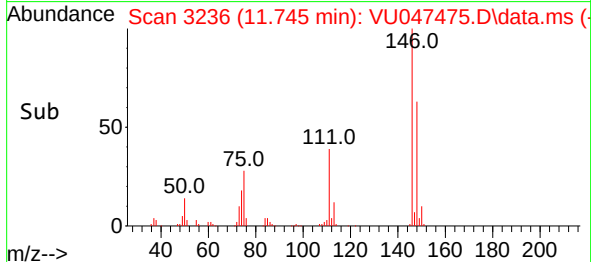
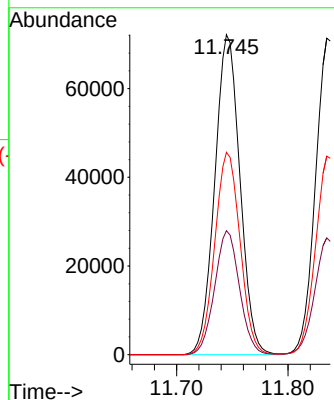
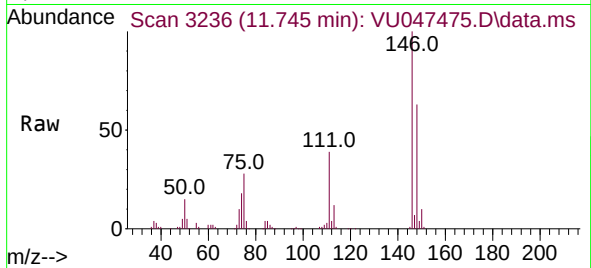




#64
1,3-Dichlorobenzene
Concen: 5.434 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

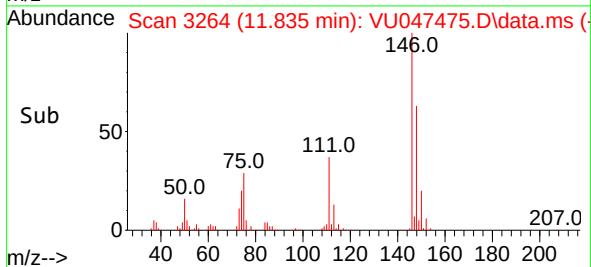
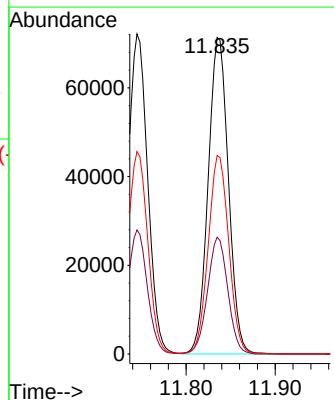
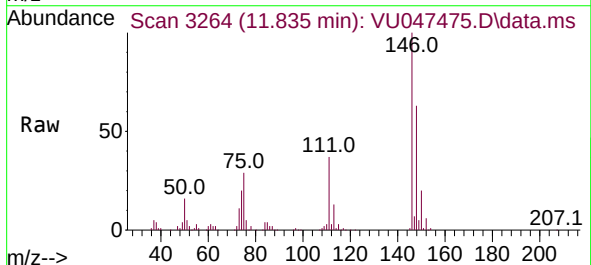
Instrument :
MSVOA_U
ClientSampleId :

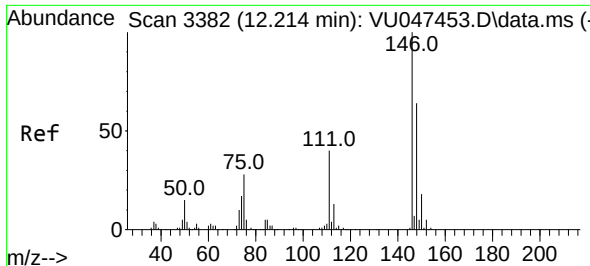
Tgt Ion:146 Resp: 113455
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 63.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.315 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion:146 Resp: 112689
Ion Ratio Lower Upper
146 100
111 36.9 26.1 48.5
148 62.8 45.6 84.6

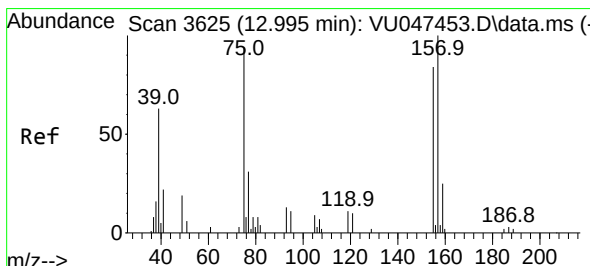
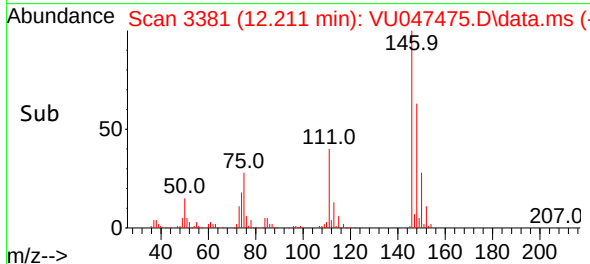
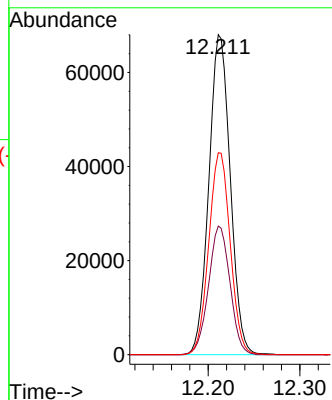
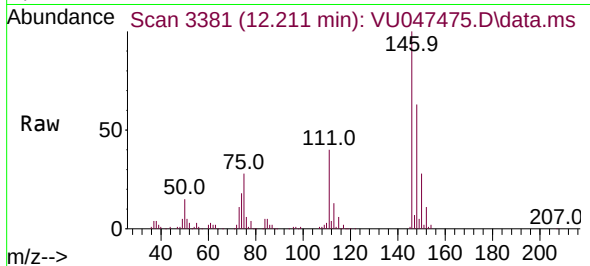




#67
1,2-Dichlorobenzene
Concen: 5.495 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

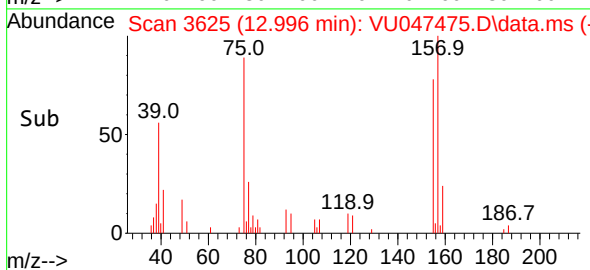
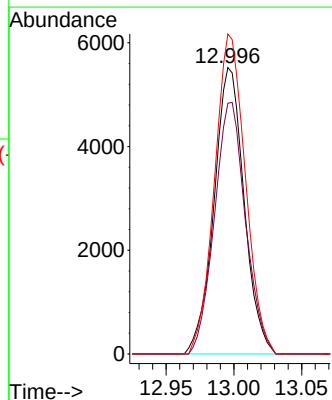
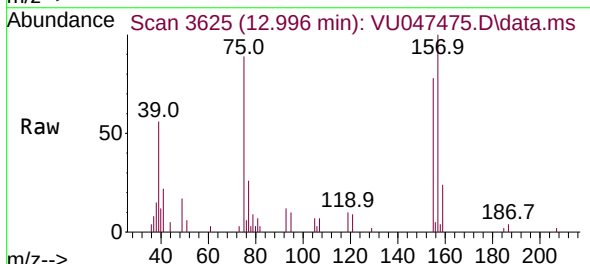
Instrument :
MSVOA_U
ClientSampleId :

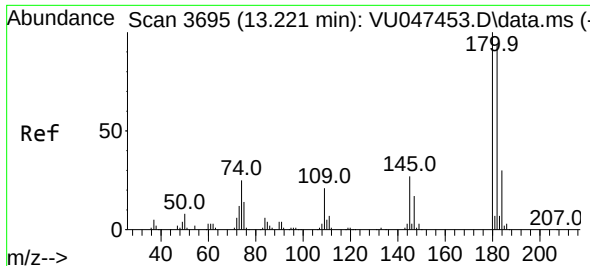
Tgt Ion:146 Resp: 110224
Ion Ratio Lower Upper
146 100
111 40.2 31.9 47.9
148 63.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.783 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

Tgt Ion: 75 Resp: 8502
Ion Ratio Lower Upper
75 100
155 87.5 71.3 106.9
157 111.7 88.6 132.8





#69

1,3,5-Trichlorobenzene

Concen: 5.222 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 89416

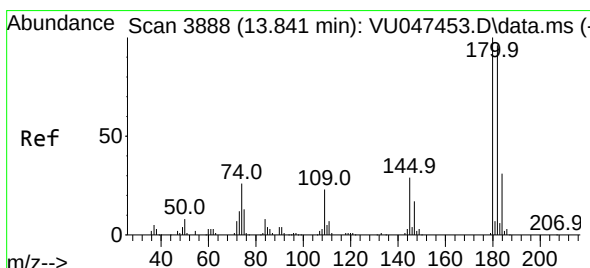
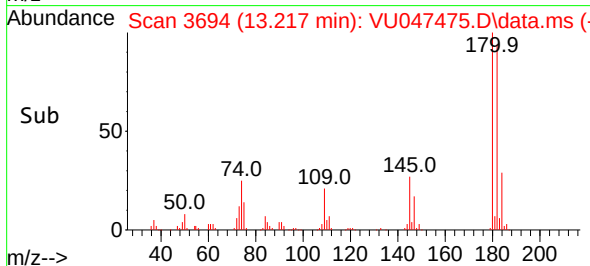
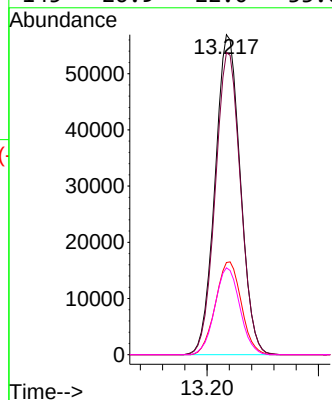
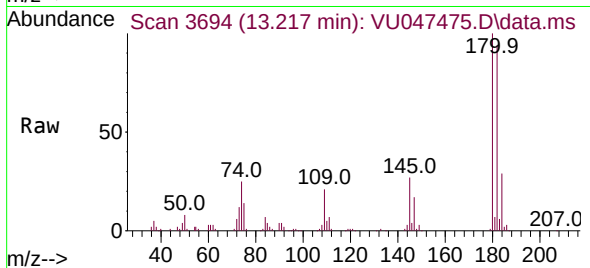
Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

184 29.7 25.0 37.4

145 26.9 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 5.082 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047475.D

Acq: 10 Mar 2022 21:57

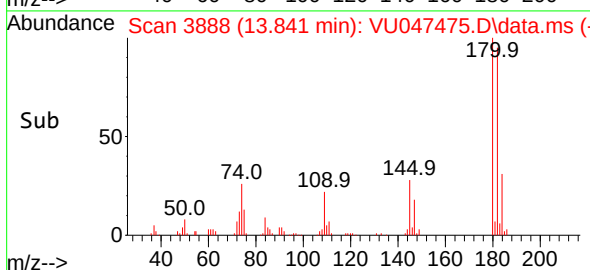
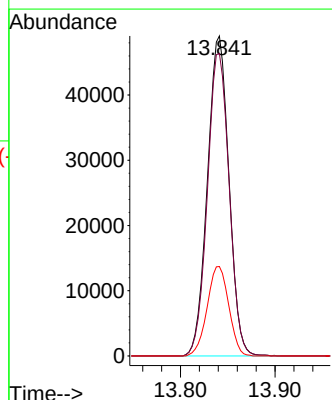
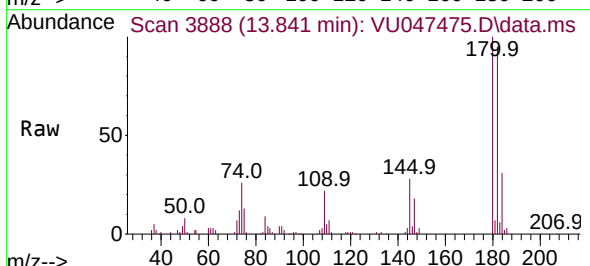
Tgt Ion:180 Resp: 77561

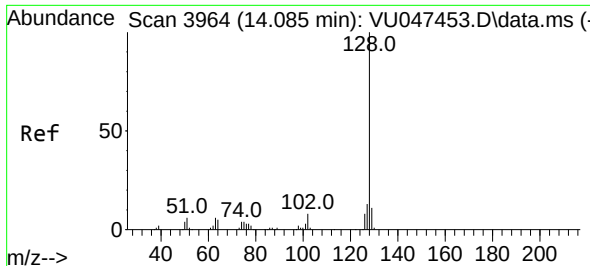
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

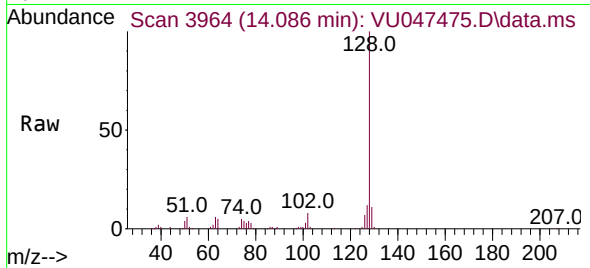
145 28.0 22.4 33.6



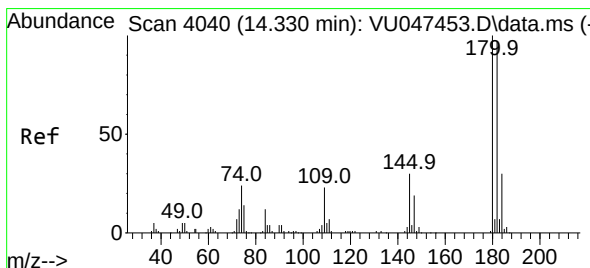
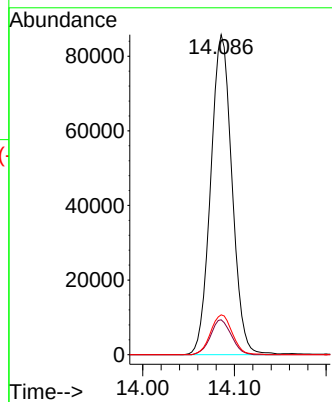
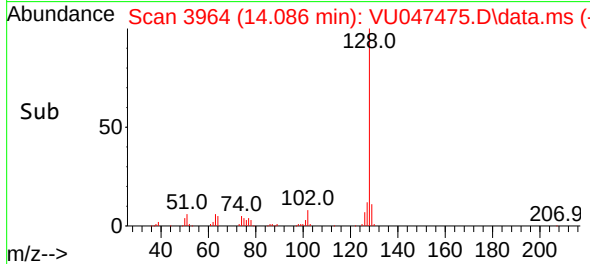


#71
Naphthalene
Concen: 5.073 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57

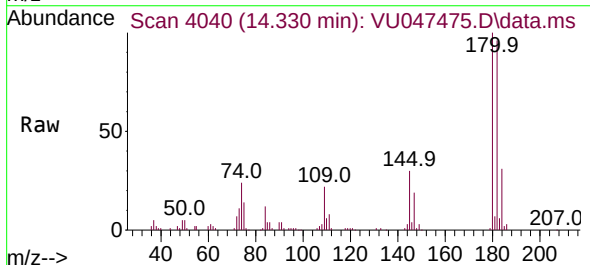
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 138490
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.237 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047475.D
Acq: 10 Mar 2022 21:57



Tgt Ion:180 Resp: 73297
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
145 30.0 23.4 35.2

