

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051827.D
 Acq On : 11 Nov 2022 20:14
 Operator : JC/MD
 Sample : N5593-14MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 01:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218256	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65842	4.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.909	69	63352	3.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.565	65	28321	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.620	46	224829	37.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.540%
24) Chloroform-d	5.060	84	154647	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.700	65	79114	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.726	84	302114	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.690	67	100896	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.896	98	276494	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	8.179	79	34888	4.803	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.629	63	207012	47.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	98860	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	98795	5.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	92073	3.857	ug/L	98
3) Chloromethane	1.526	50	103797	3.450	ug/L	100
5) Vinyl chloride	1.604	62	111354	3.863	ug/L	86
6) Bromomethane	1.848	94	47431	3.471	ug/L	96
8) Chloroethane	1.928	64	71406	4.080	ug/L	98
9) Trichlorofluoromethane	2.134	101	141161	4.462	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87685	4.714	ug/L	96
12) 1,1-Dichloroethene	2.575	96	140832	7.422	ug/L	96
13) Acetone	2.623	43	167530	55.464	ug/L	98
14) Carbon disulfide	2.790	76	183701	3.003	ug/L	99
15) Methyl Acetate	2.948	43	38173	4.827	ug/L	95
16) Methylene chloride	3.044	84	102488	3.298	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	215279	4.948	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	82720	4.062	ug/L	96
19) 1,1-Dichloroethane	3.867	63	180884	4.816	ug/L	98
21) 2-Butanone	4.697	43	271734	57.446	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	128559	5.706	ug/L	96
23) Bromochloromethane	4.973	128	49254	4.675	ug/L	96
25) Chloroform	5.086	83	197593	5.071	ug/L	99

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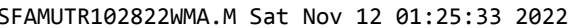
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 ClientSampleId :

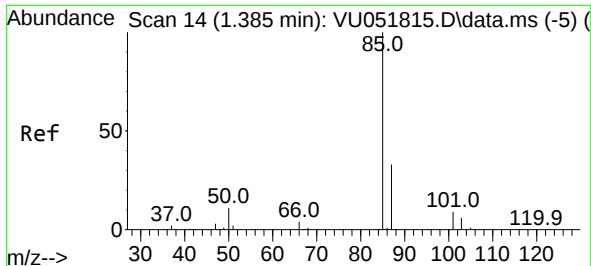
Quant Time: Nov 12 01:25:24 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	114724	4.784	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	140468	4.806	ug/L	99
30) Cyclohexane	5.388	56	106585	3.960	ug/L	99
31) Carbon tetrachloride	5.523	117	117633	4.706	ug/L	98
33) Benzene	5.771	78	389178	4.581	ug/L	100
34) Trichloroethene	6.539	95	457889	22.334	ug/L	99
35) Methylcyclohexane	6.761	83	117027	4.128	ug/L	99
37) 1,2-Dichloropropane	6.790	63	109820	5.026	ug/L	99
38) Bromodichloromethane	7.105	83	134233	5.029	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	133035	4.746	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	667826	60.934	ug/L	100
42) Toluene	7.967	91	411272	4.714	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	120829	5.158	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	86848	5.424	ug/L	98
47) Tetrachloroethene	8.552	164	852159	54.272	ug/L	94
48) 2-Hexanone	8.681	43	497276	61.298	ug/L	99
49) Dibromochloromethane	8.809	129	96732	5.288	ug/L	98
50) 1,2-Dibromoethane	8.922	107	75761	5.244	ug/L #	98
51) Chlorobenzene	9.446	112	268438	4.889	ug/L	98
52) Ethylbenzene	9.568	91	389152	4.623	ug/L	100
53) m,p-Xylene	9.693	106	154318	4.719	ug/L	98
54) o-Xylene	10.098	106	155016	4.851	ug/L	99
55) Styrene	10.111	104	208394	3.901	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	115767	5.831	ug/L	99
59) Bromoform	10.288	173	55277	5.635	ug/L	99
60) Isopropylbenzene	10.481	105	380052	4.903	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	78776	5.738	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	94866	4.546	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	277251	4.608	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	193406	5.012	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	194699	5.033	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	197001	5.241	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	16512	5.841	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	126280	4.591	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	100237	4.747	ug/L	98
71) Naphthalene	14.085	128	201670	5.117	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	106328	4.987	ug/L	99

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

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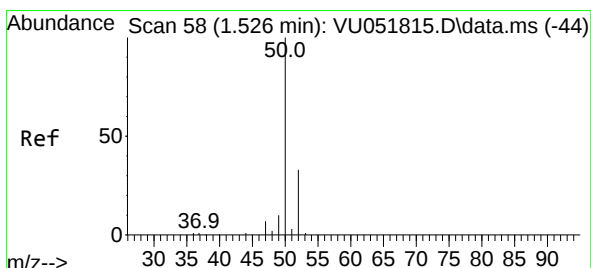
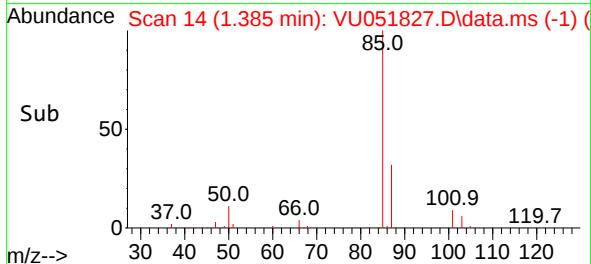
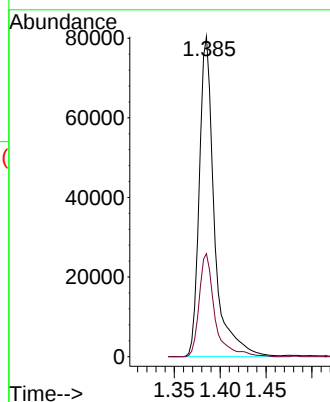
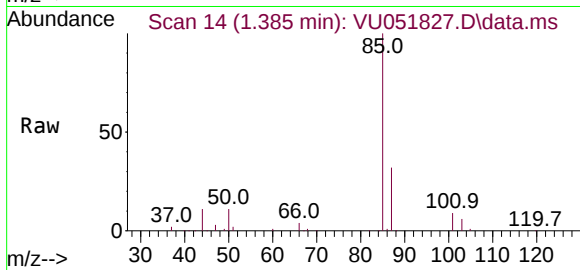




#2
Dichlorodifluoromethane
Concen: 3.857 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

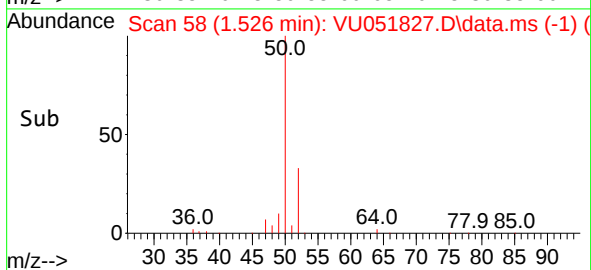
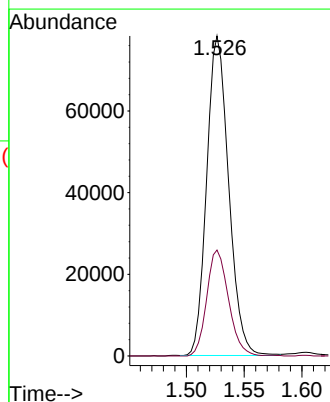
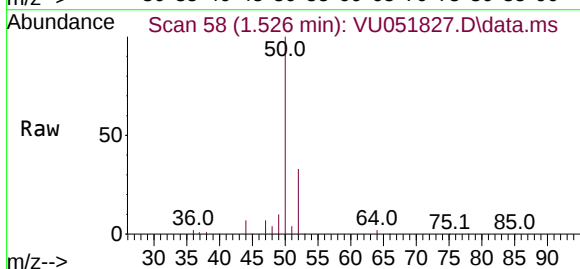
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MSVOA_U
ClientSampleId :

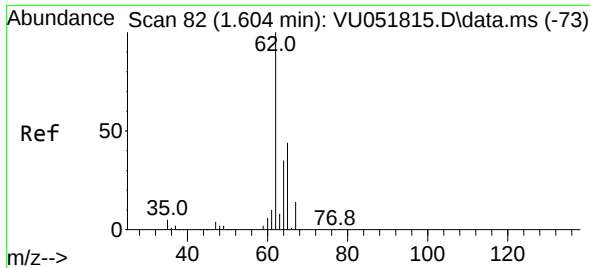
Tgt Ion: 85 Resp: 92073
Ion Ratio Lower Upper
85 100
87 33.3 25.7 38.5



#3
Chloromethane
Concen: 3.450 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

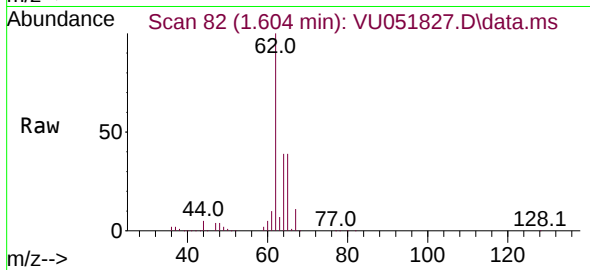
Tgt Ion: 50 Resp: 103797
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2



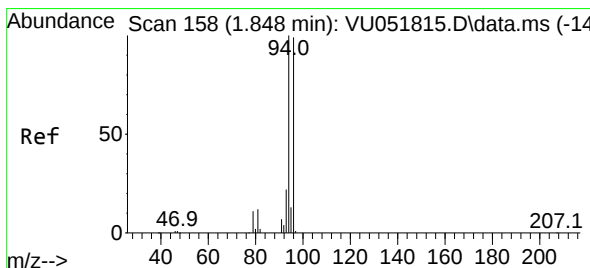
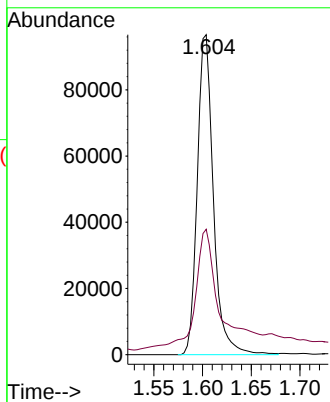
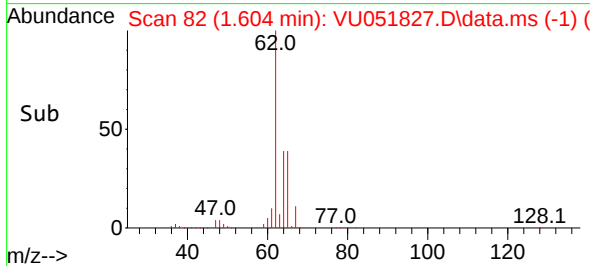


#5
 Vinyl chloride
 Concen: 3.863 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Instrument :
 MSVOA_U
 ClientSampleId :

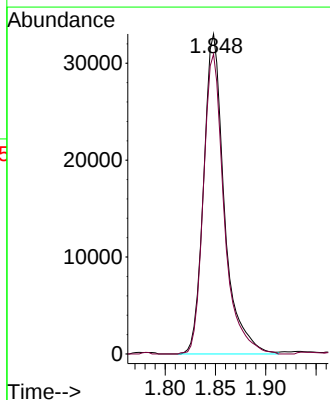
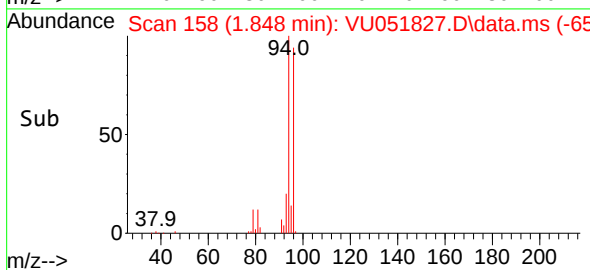
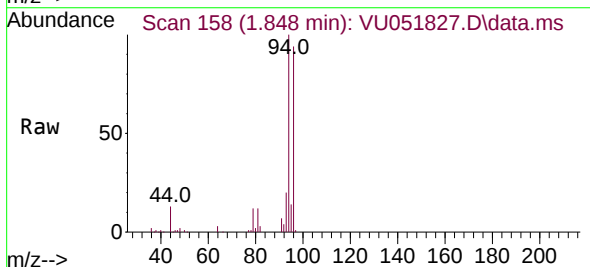


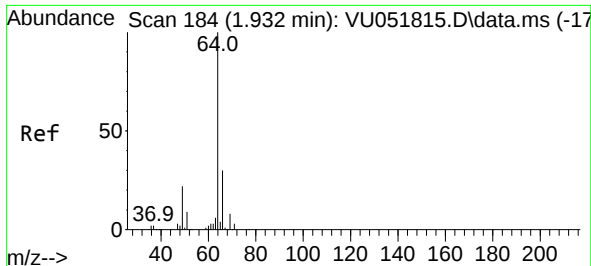
Tgt Ion: 62 Resp: 111354
 Ion Ratio Lower Upper
 62 100
 64 39.2 22.1 41.1



#6
 Bromomethane
 Concen: 3.471 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Tgt Ion: 94 Resp: 47431
 Ion Ratio Lower Upper
 94 100
 96 93.7 63.2 117.4

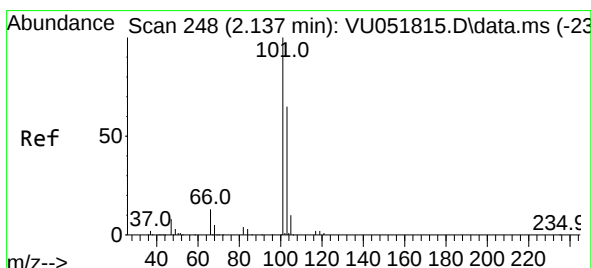
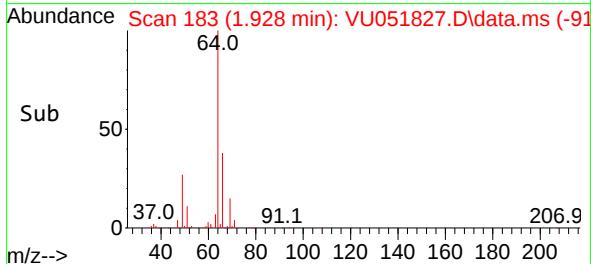
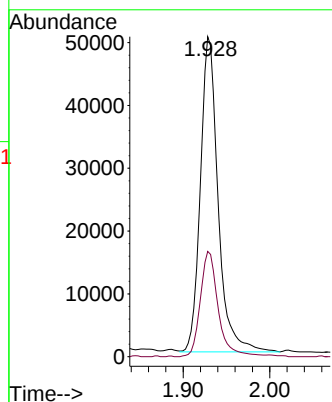
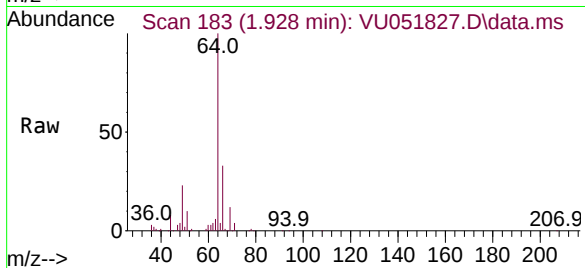




#8
Chloroethane
Concen: 4.080 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

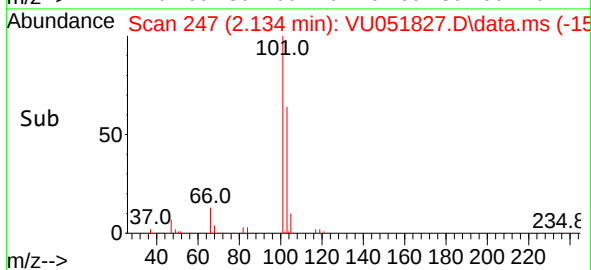
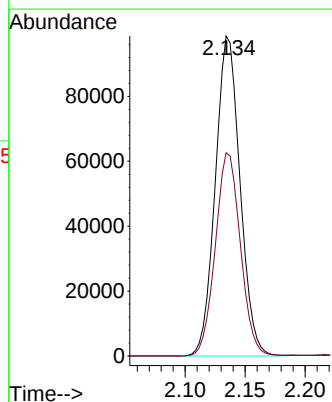
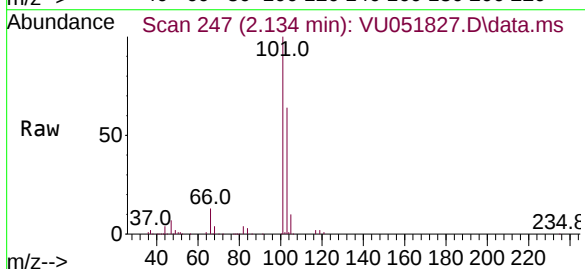
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MSVOA_U
ClientSampleId :

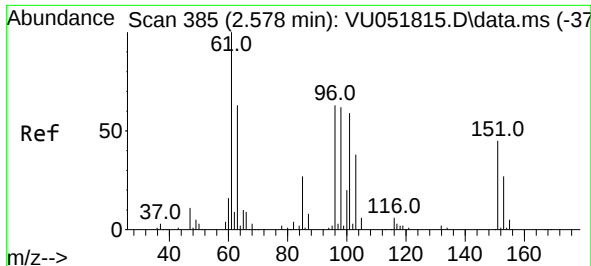
Tgt Ion: 64 Resp: 71406
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.462 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion:101 Resp: 141161
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

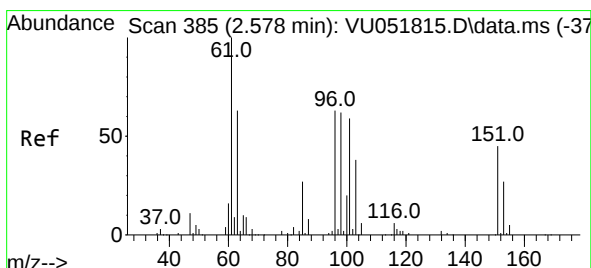
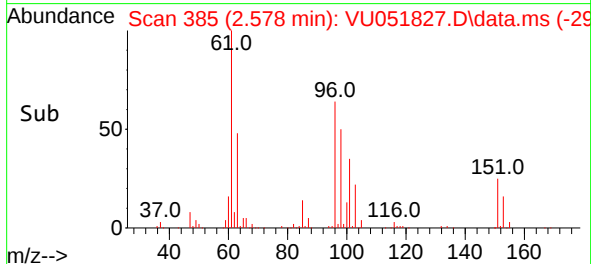
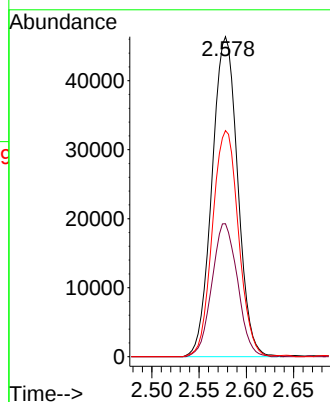
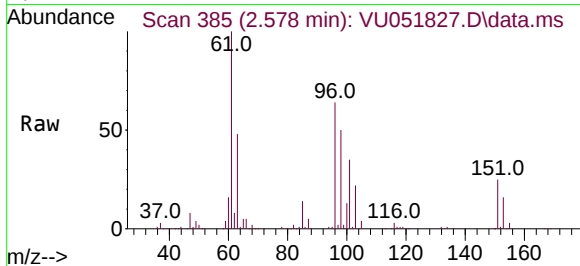




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.714 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

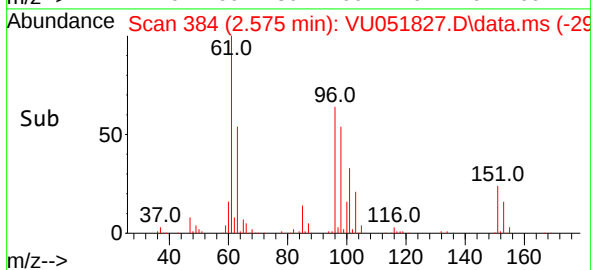
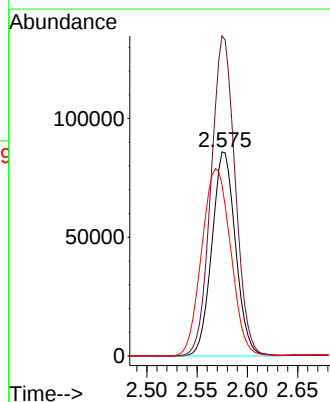
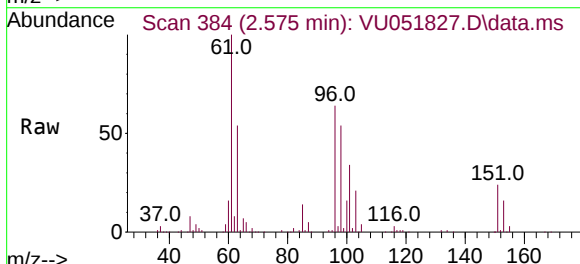
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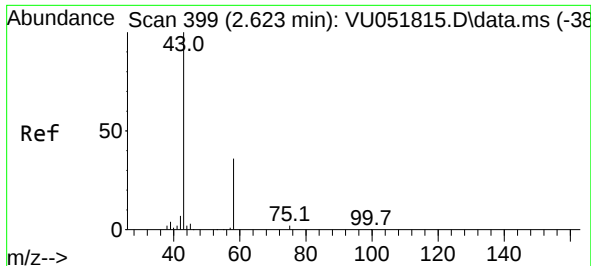
Tgt Ion:	101	Resp:	87685
Ion	Ratio	Lower	Upper
101	100		
85	41.5	35.6	53.4
151	71.6	59.6	89.4



#12
 1,1-Dichloroethene
 Concen: 7.422 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Tgt Ion:	96	Resp:	140832
Ion	Ratio	Lower	Upper
96	100		
61	156.9	108.8	202.0
63	84.0	64.9	120.5





#13

Acetone

Concen: 55.464 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

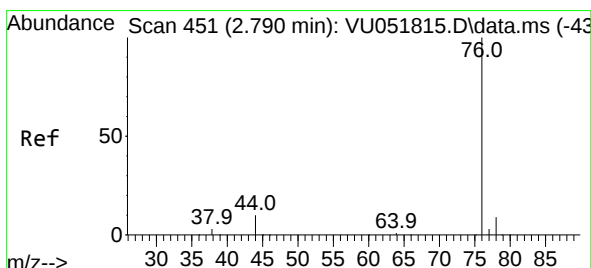
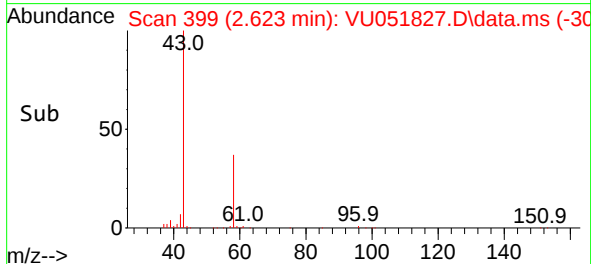
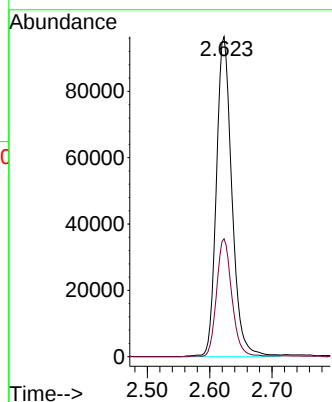
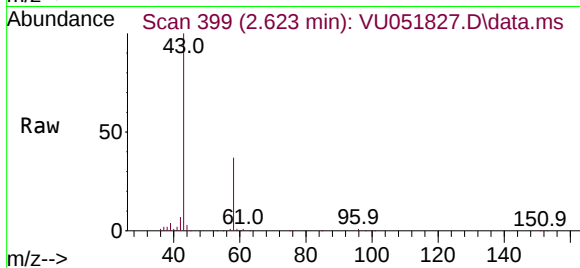
ClientSampleId :

Tgt Ion: 43 Resp: 167530

Ion Ratio Lower Upper

43 100

58 35.5 0.0 73.8



#14

Carbon disulfide

Concen: 3.003 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051827.D

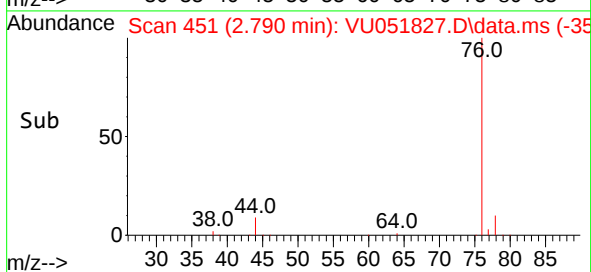
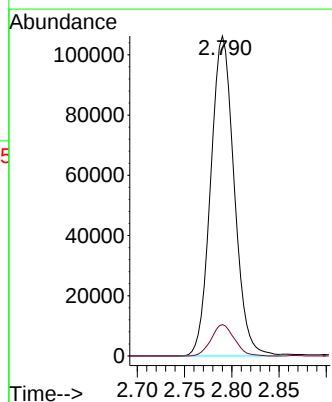
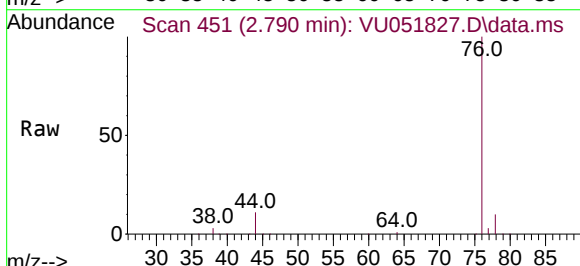
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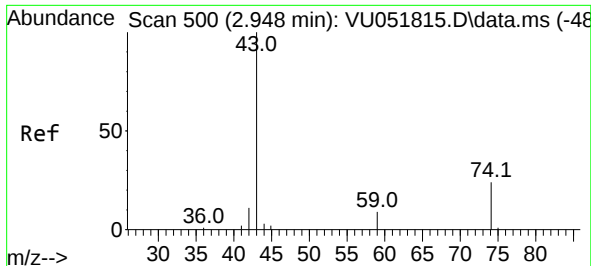
Tgt Ion: 76 Resp: 183701

Ion Ratio Lower Upper

76 100

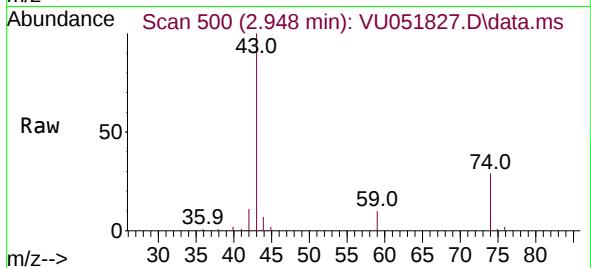
78 9.8 7.4 11.2



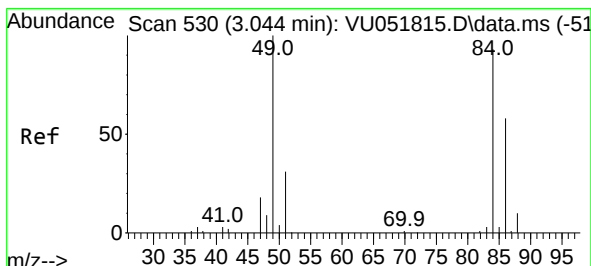
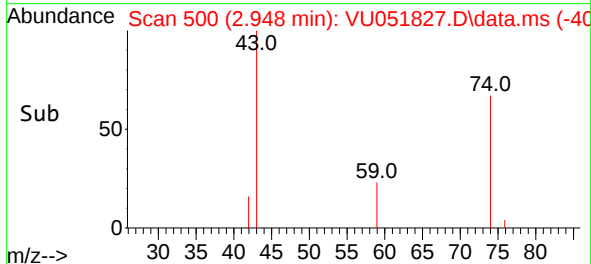
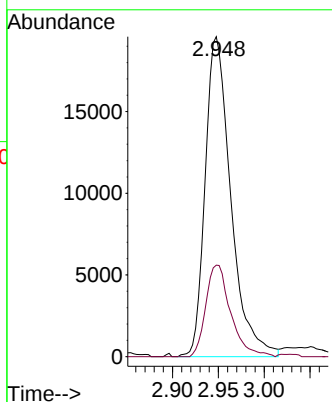


#15
Methyl Acetate
Concen: 4.827 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :

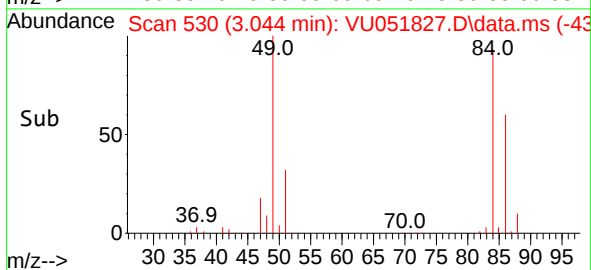
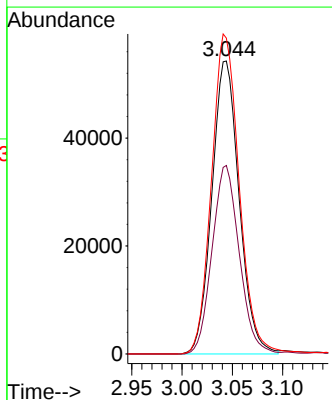
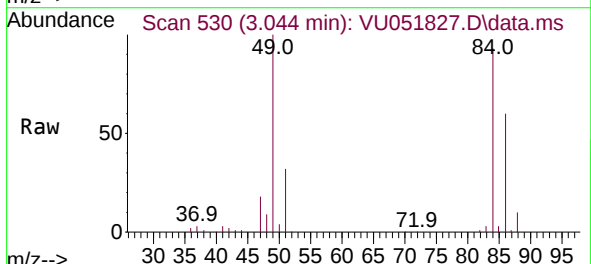


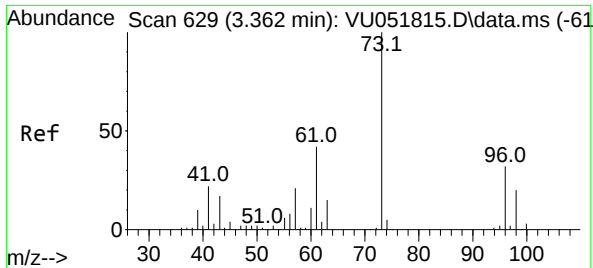
Tgt Ion: 43 Resp: 38173
Ion Ratio Lower Upper
43 100
74 27.7 20.2 30.4



#16
Methylene chloride
Concen: 3.298 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

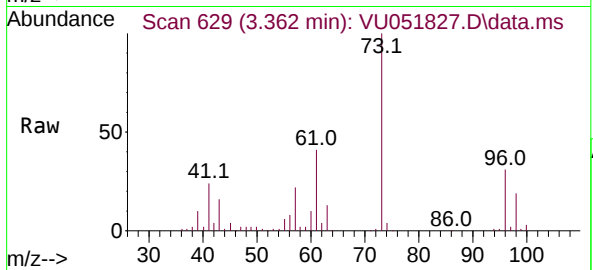
Tgt Ion: 84 Resp: 102488
Ion Ratio Lower Upper
84 100
86 64.4 46.3 85.9
49 107.8 76.0 141.2



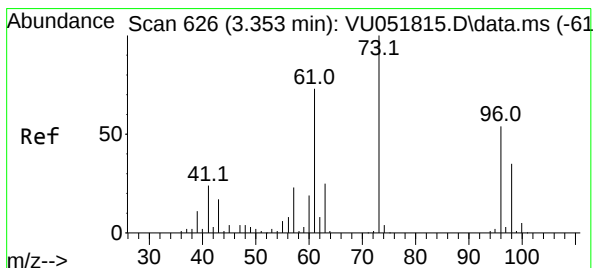
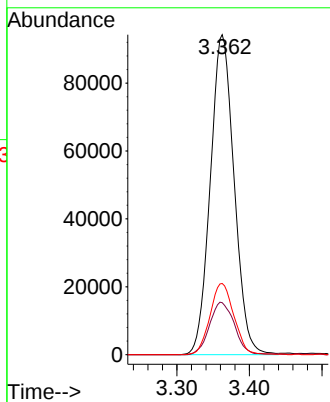
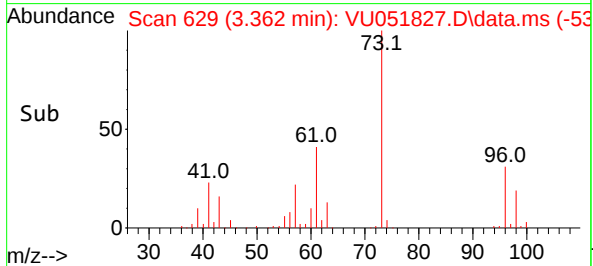


#17
Methyl tert-butyl Ether
Concen: 4.948 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

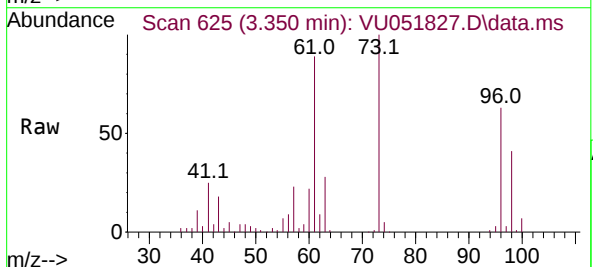
Instrument :
MSVOA_U
ClientSampleId :



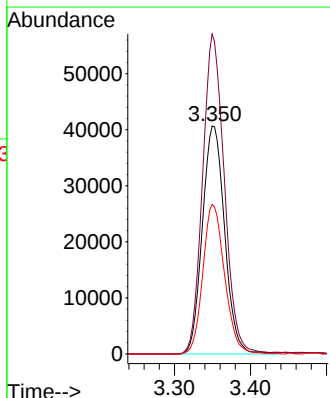
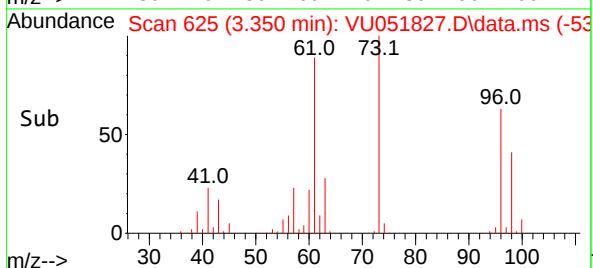
Tgt Ion: 73 Resp: 215279
Ion Ratio Lower Upper
73 100
43 17.0 13.6 20.4
57 22.3 17.5 26.3

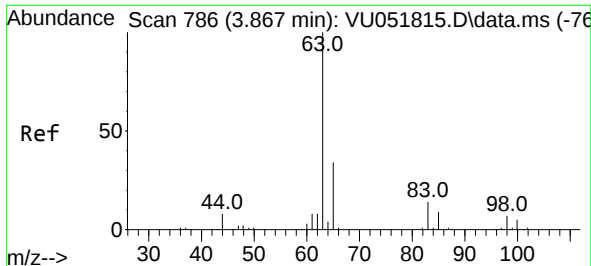


#18
trans-1,2-Dichloroethene
Concen: 4.062 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14



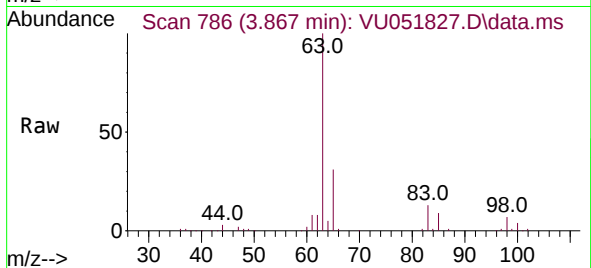
Tgt Ion: 96 Resp: 82720
Ion Ratio Lower Upper
96 100
61 140.4 94.7 175.9
98 65.6 44.2 82.0



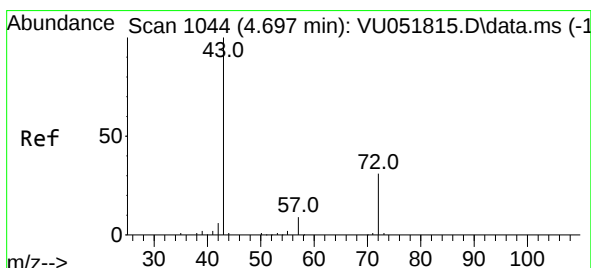
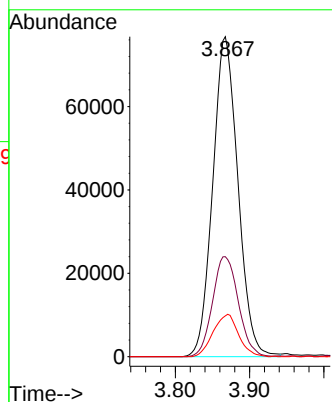
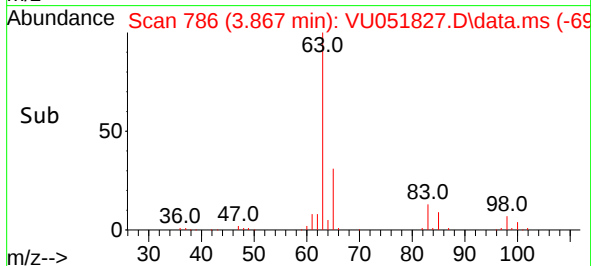


#19
1,1-Dichloroethane
Concen: 4.816 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :

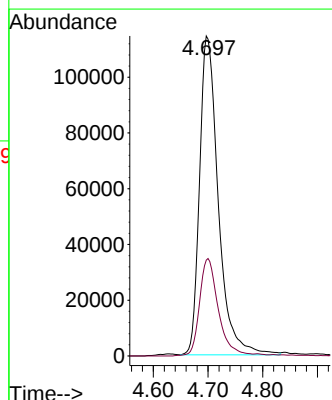
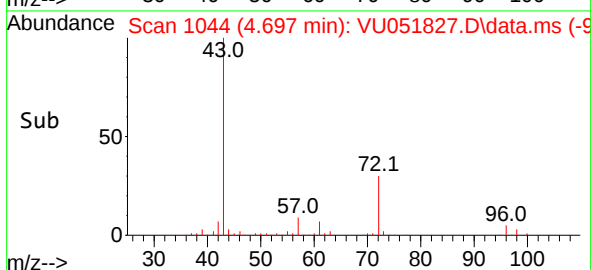
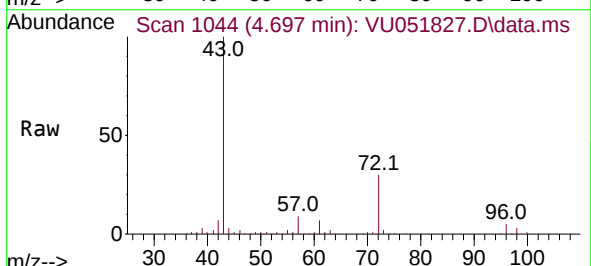


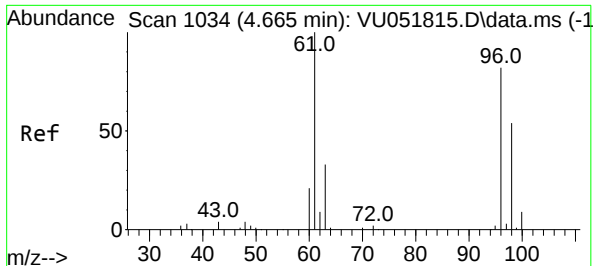
Tgt Ion: 63 Resp: 180884
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.1
83 12.8 9.2 17.0



#21
2-Butanone
Concen: 57.446 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

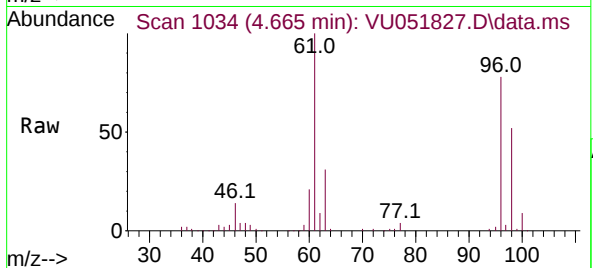
Tgt Ion: 43 Resp: 271734
Ion Ratio Lower Upper
43 100
72 30.6 16.2 48.5



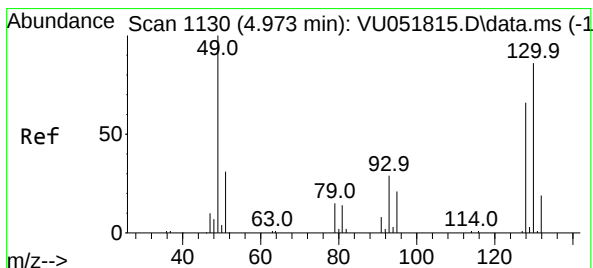
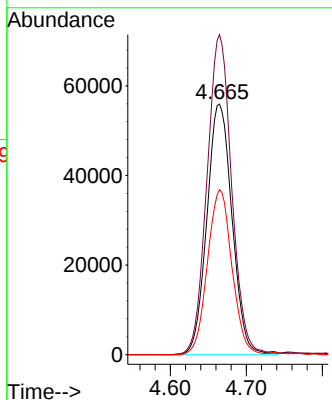
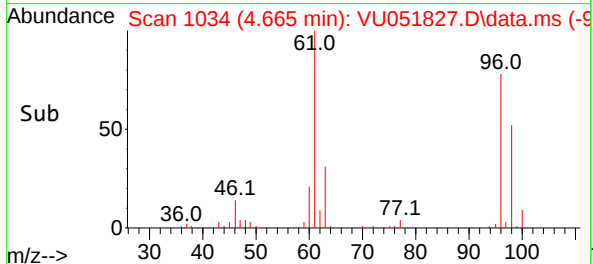


#22
 cis-1,2-Dichloroethene
 Concen: 5.706 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Instrument :
 MSVOA_U
 ClientSampleId :

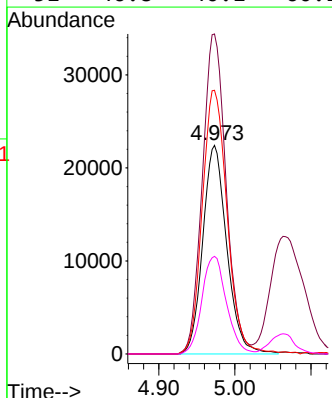
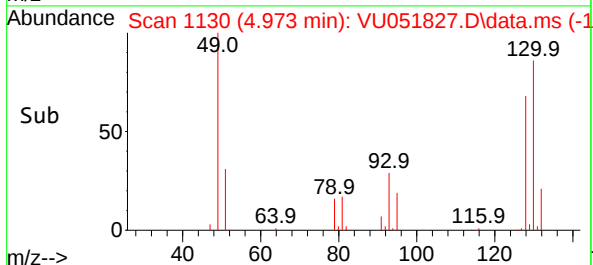
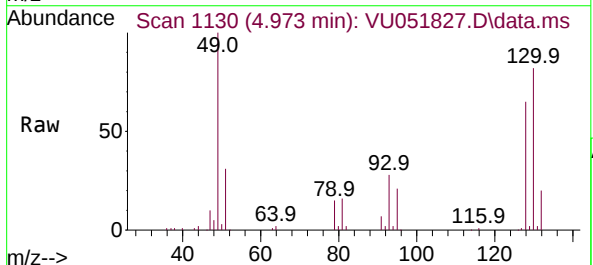


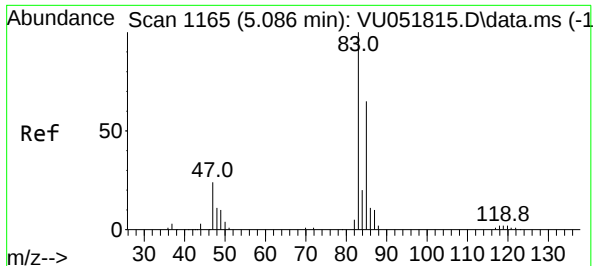
Tgt Ion: 96 Resp: 128559
 Ion Ratio Lower Upper
 96 100
 61 127.7 86.4 160.4
 98 65.9 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.675 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Tgt Ion: 128 Resp: 49254
 Ion Ratio Lower Upper
 128 100
 49 153.4 105.5 195.9
 130 126.4 93.5 173.7
 51 46.8 40.1 60.1





#25

Chloroform

Concen: 5.071 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

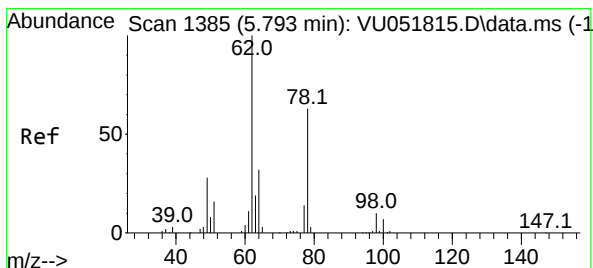
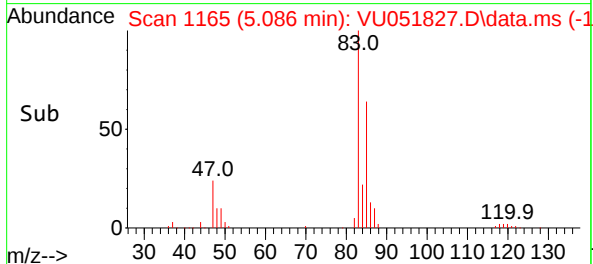
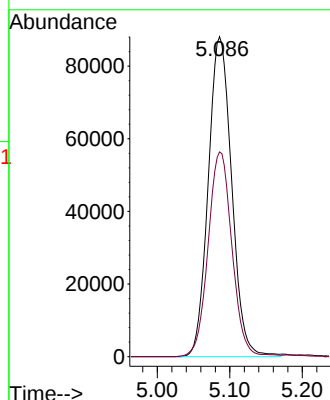
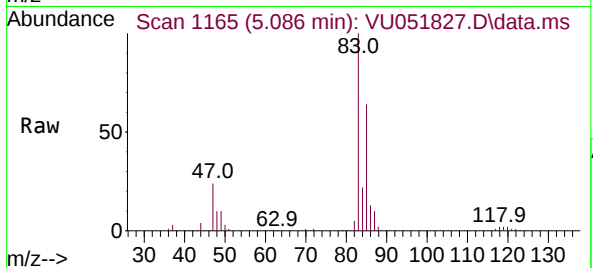
ClientSampleId :

Tgt Ion: 83 Resp: 197593

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.784 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051827.D

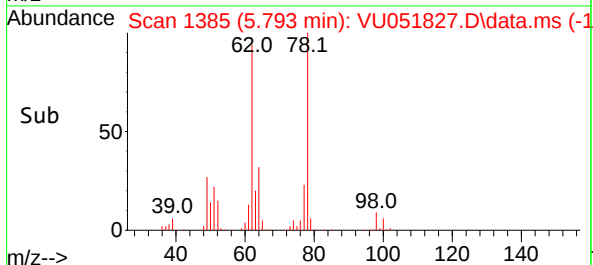
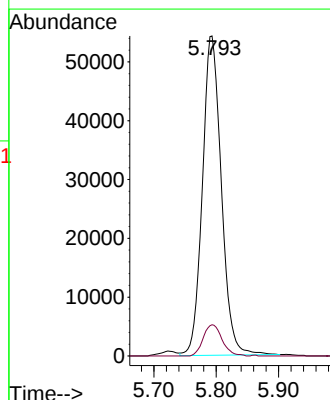
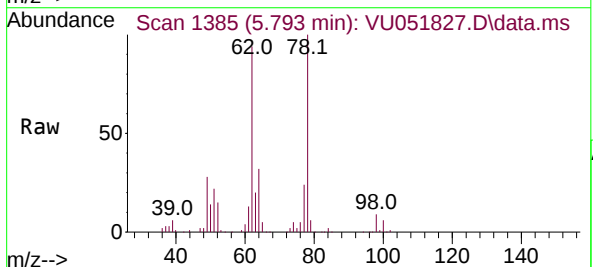
Acq: 11 Nov 2022 20:14

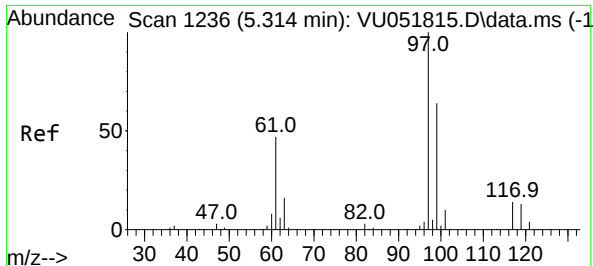
Tgt Ion: 62 Resp: 114724

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0

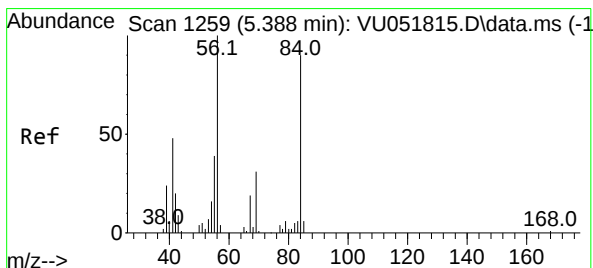
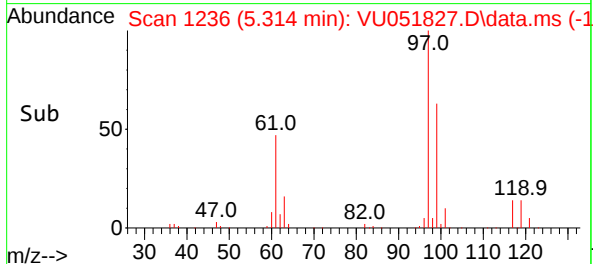
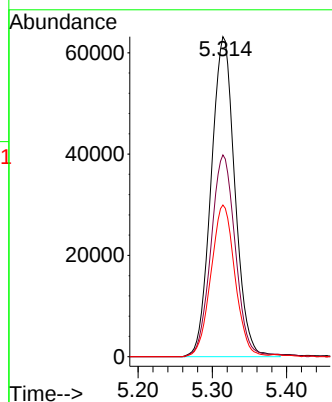
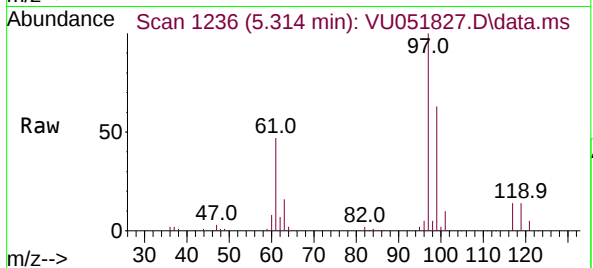




#29
1,1,1-Trichloroethane
Concen: 4.806 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

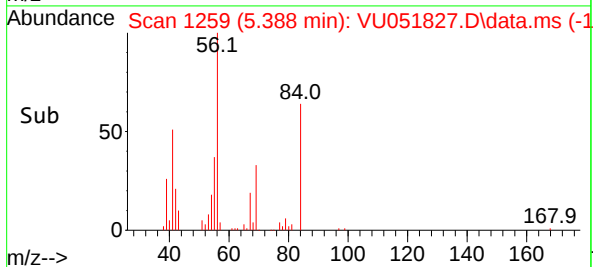
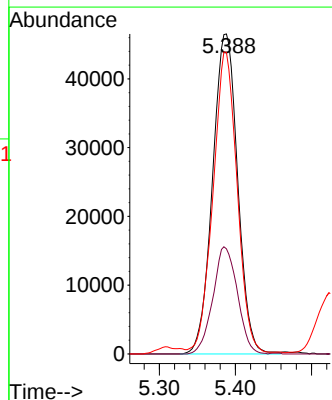
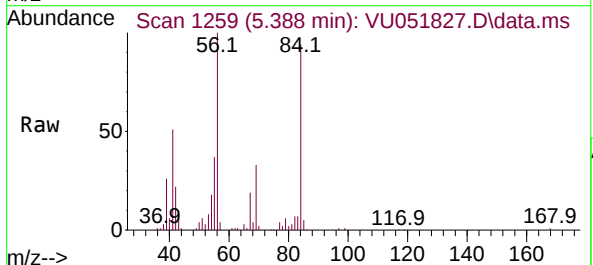
Instrument :
MSVOA_U
ClientSampleId :

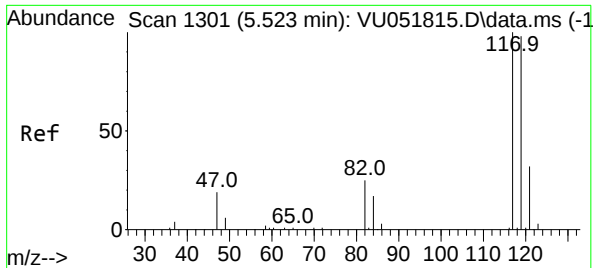
Tgt Ion: 97 Resp: 140468
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.9 37.4 56.0



#30
Cyclohexane
Concen: 3.960 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion: 56 Resp: 106585
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.0
84 90.2 71.4 107.0

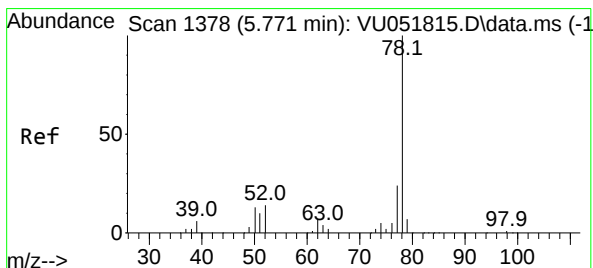
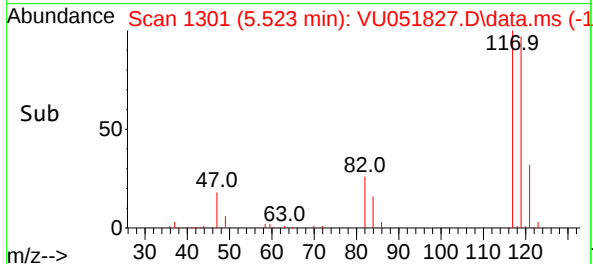
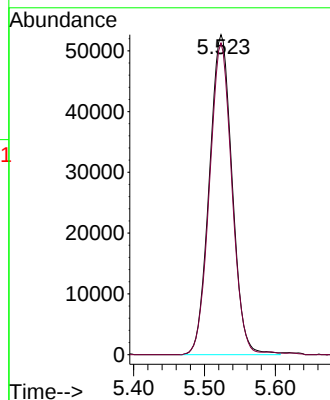
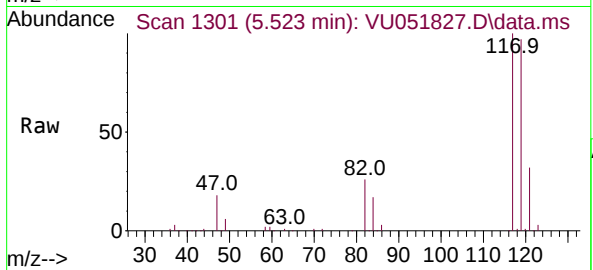




#31
Carbon tetrachloride
Concen: 4.706 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

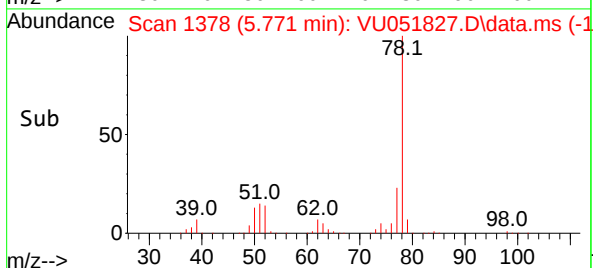
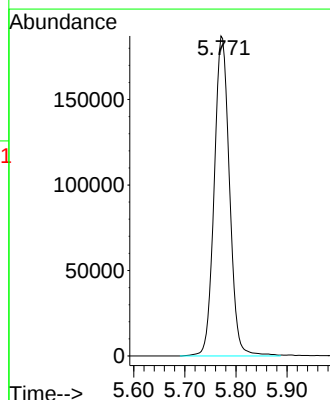
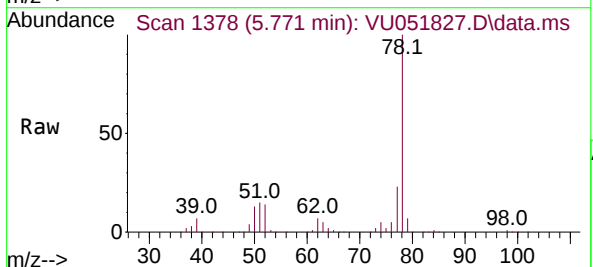
Instrument :
MSVOA_U
ClientSampleId :

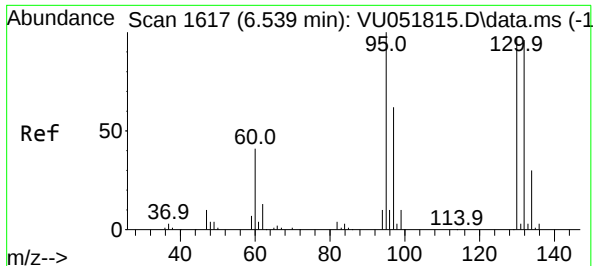
Tgt Ion:117 Resp: 117633
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3



#33
Benzene
Concen: 4.581 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

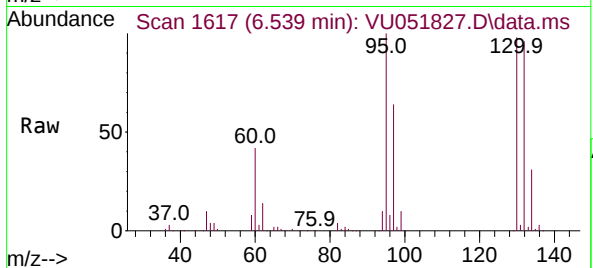
Tgt Ion: 78 Resp: 389178



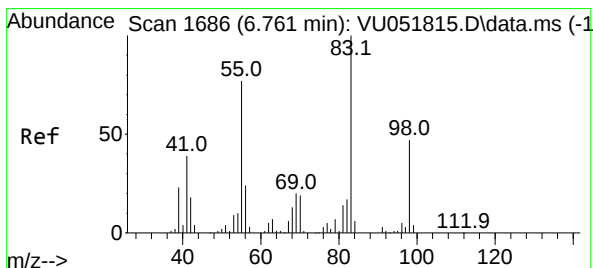
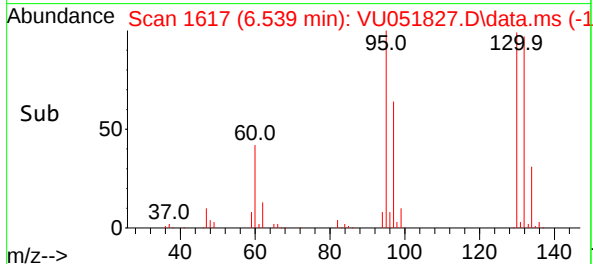
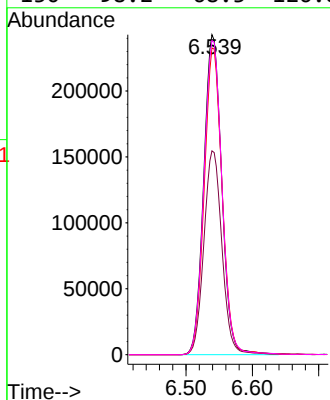


#34
Trichloroethene
Concen: 22.334 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :

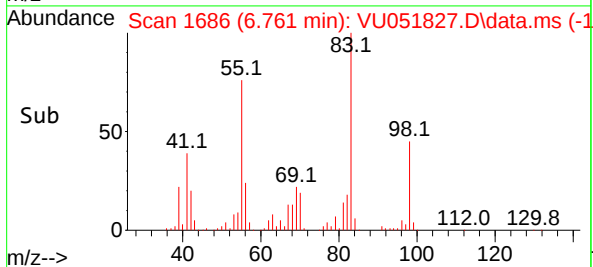
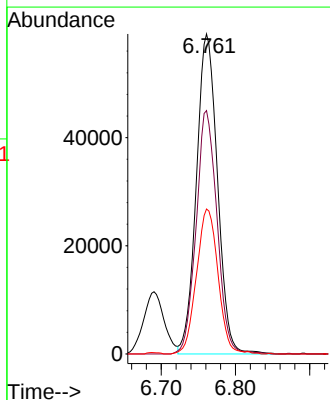
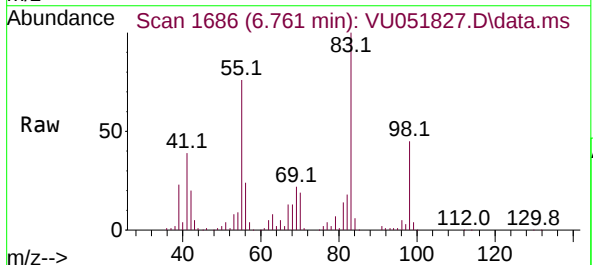


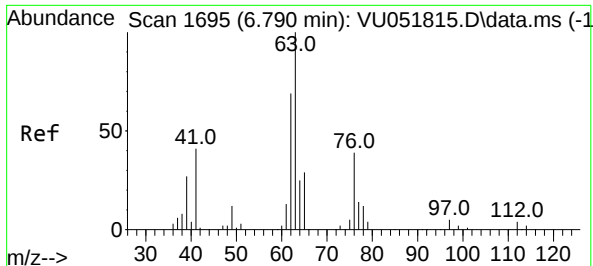
Tgt Ion: 95 Resp: 457889
Ion Ratio Lower Upper
95 100
97 63.7 45.2 84.0
132 95.8 66.5 123.5
130 98.2 68.3 126.8



#35
Methylcyclohexane
Concen: 4.128 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion: 83 Resp: 117027
Ion Ratio Lower Upper
83 100
55 75.4 60.6 90.8
98 46.3 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.026 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

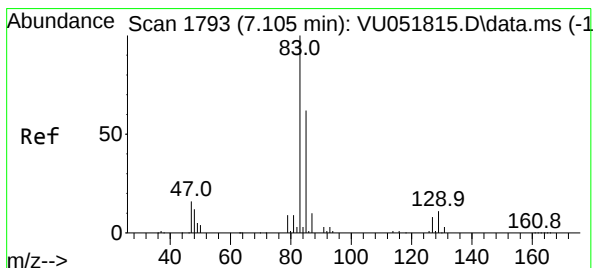
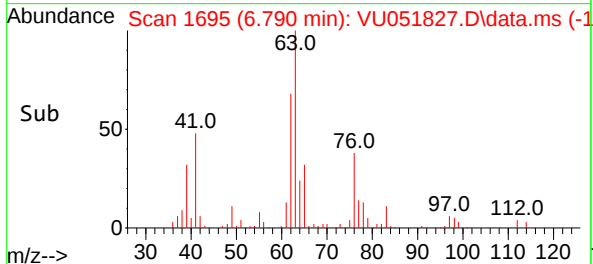
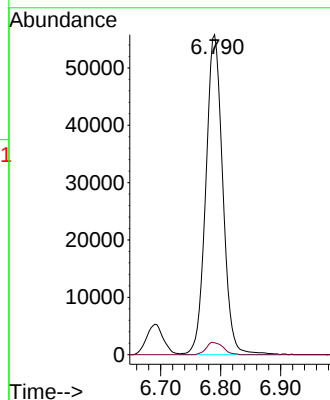
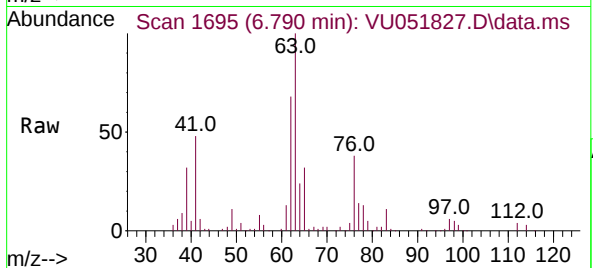
ClientSampleId :

Tgt Ion: 63 Resp: 109820

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.029 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

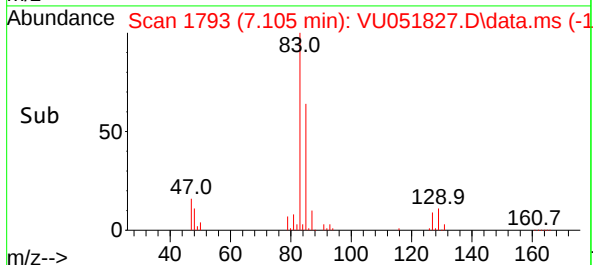
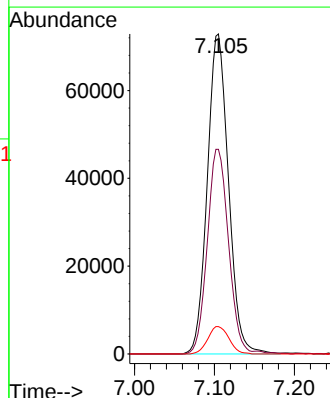
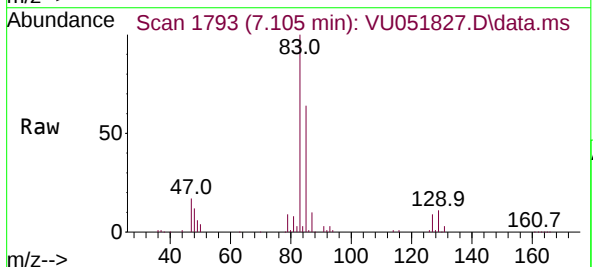
Tgt Ion: 83 Resp: 134233

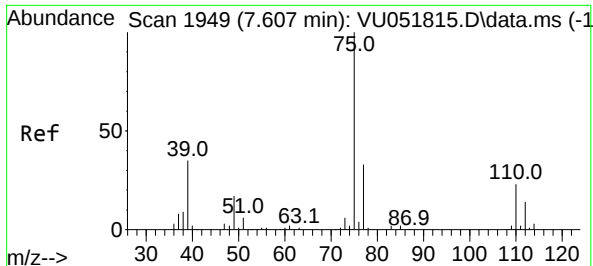
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.746 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

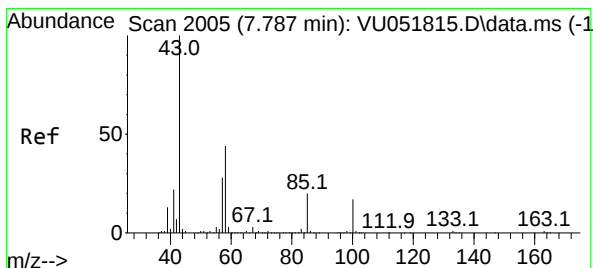
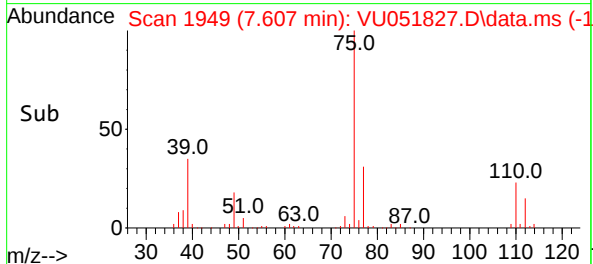
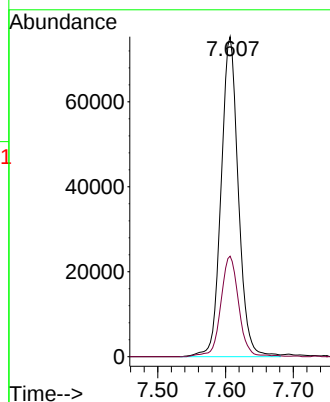
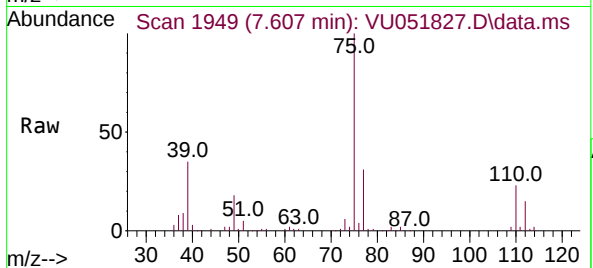
ClientSampleId :

Tgt Ion: 75 Resp: 133035

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.934 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

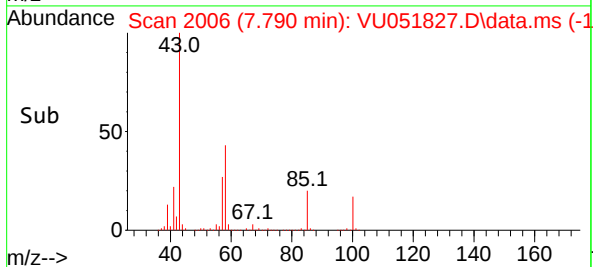
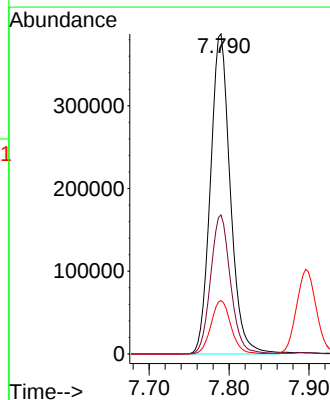
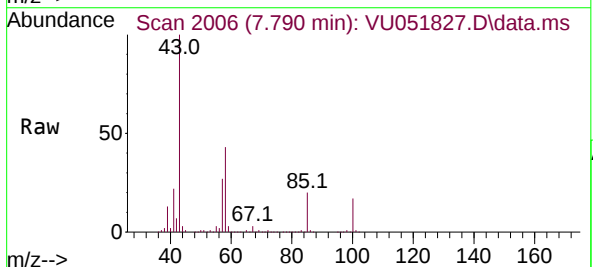
Tgt Ion: 43 Resp: 667826

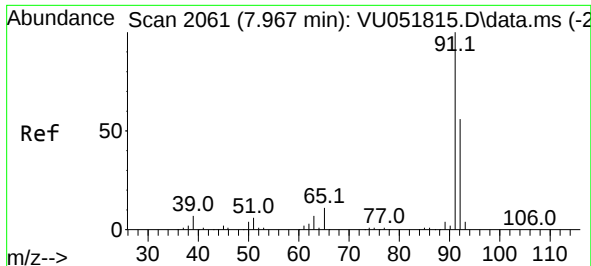
Ion Ratio Lower Upper

43 100

58 43.7 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 4.714 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

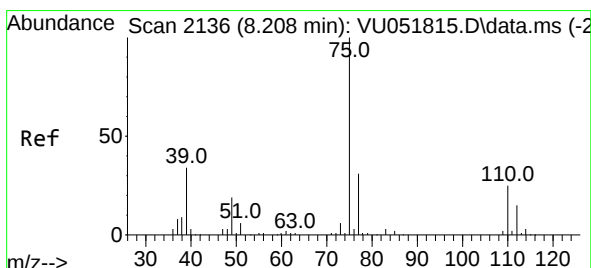
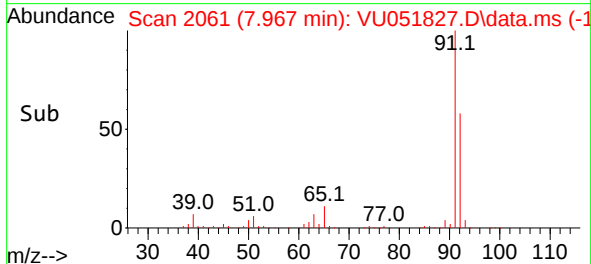
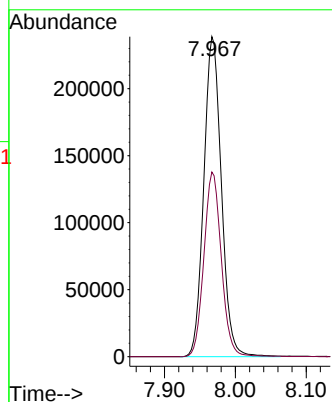
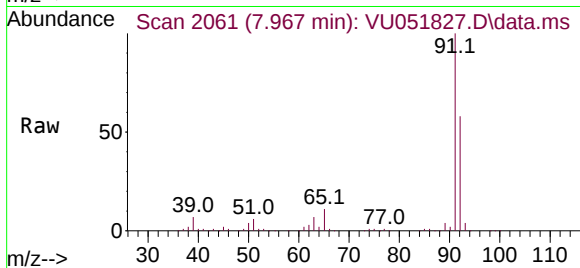
ClientSampleId :

Tgt Ion: 91 Resp: 411272

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.158 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051827.D

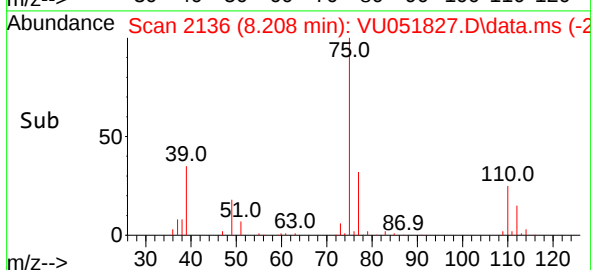
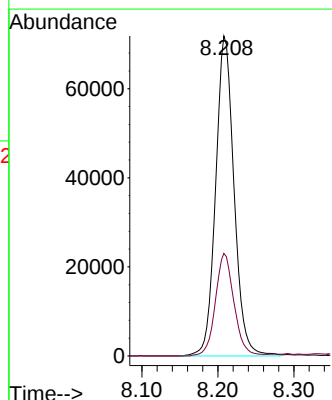
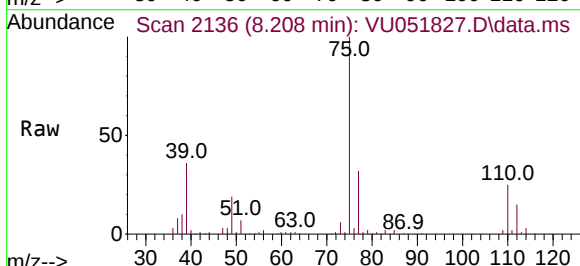
Acq: 11 Nov 2022 20:14

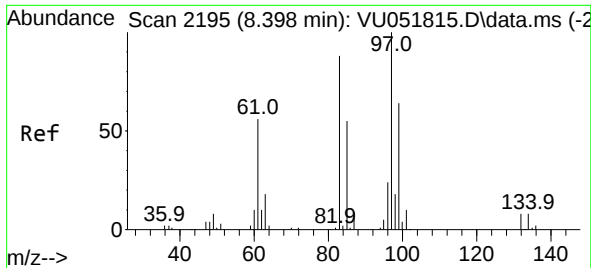
Tgt Ion: 75 Resp: 120829

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6

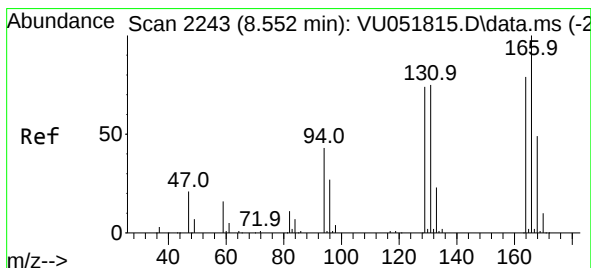
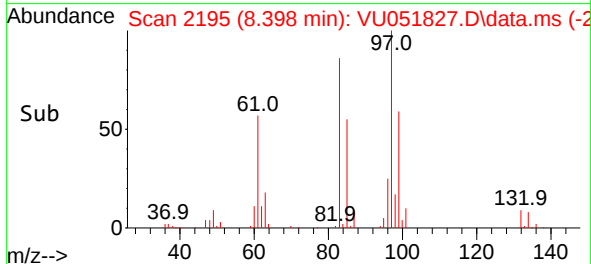
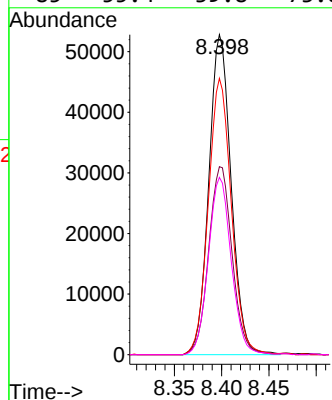
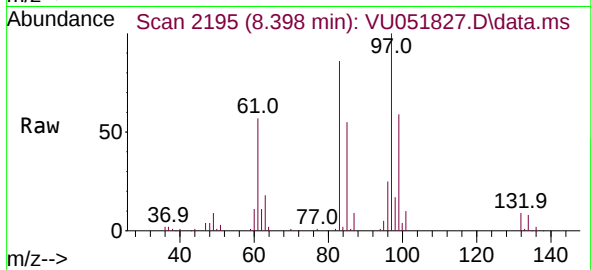




#45
1,1,2-Trichloroethane
Concen: 5.424 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

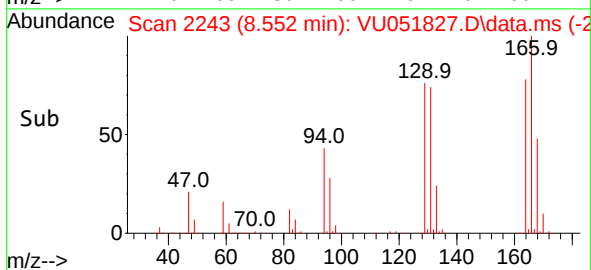
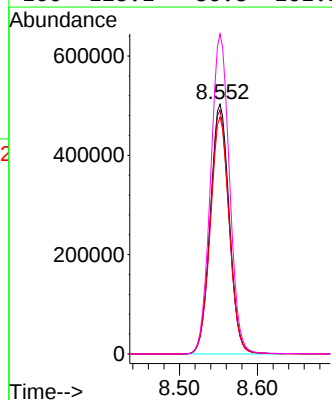
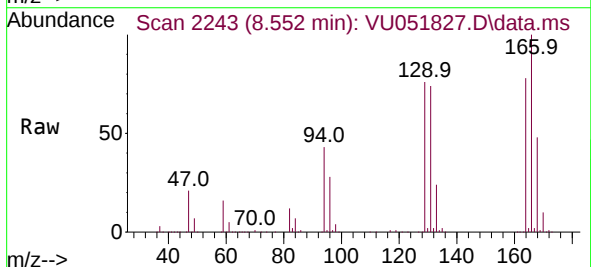
Instrument :
MSVOA_U
ClientSampleId :

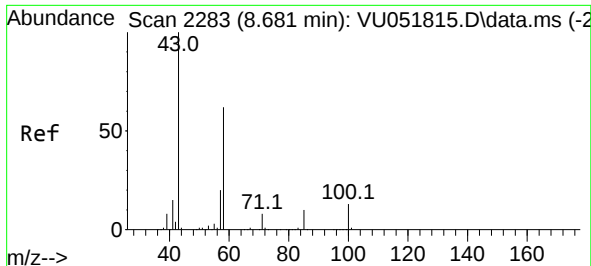
Tgt Ion: 97	Resp: 86848
Ion Ratio	Lower Upper
97 100	
99 58.7	43.4 80.6
83 86.4	61.3 113.9
85 55.4	39.8 73.8



#47
Tetrachloroethene
Concen: 54.272 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt	Ion:164	Resp:	852159
Ion	Ratio	Lower	Upper
164	100		
129	97.6	64.0	118.8
131	94.8	60.7	112.7
166	128.1	86.8	161.2



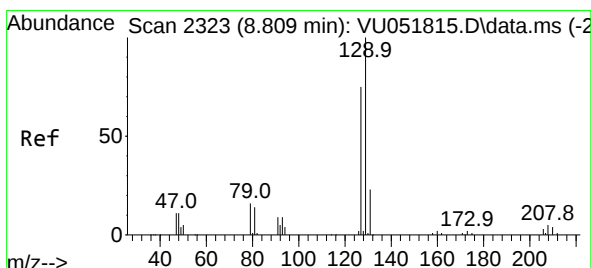
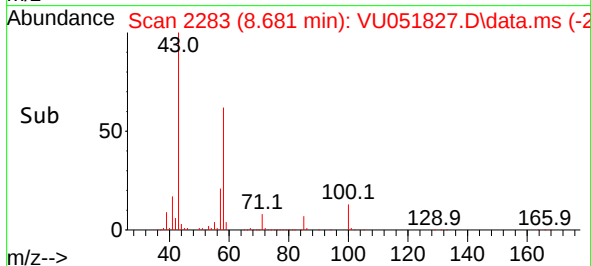
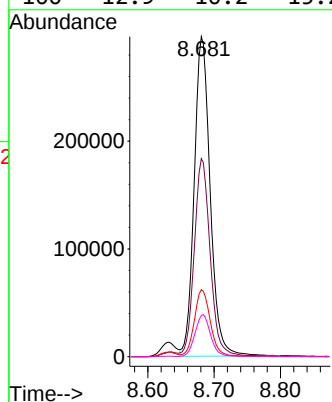
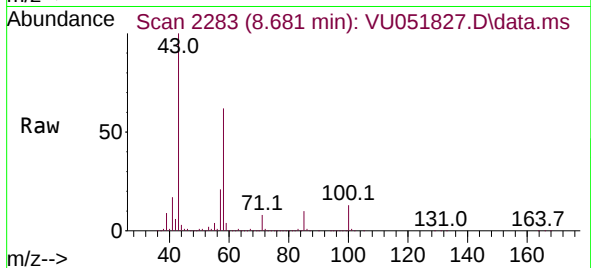


#48
2-Hexanone
Concen: 61.298 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 497276

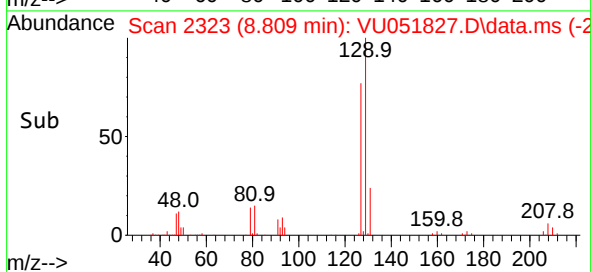
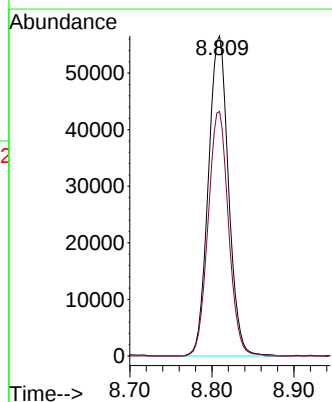
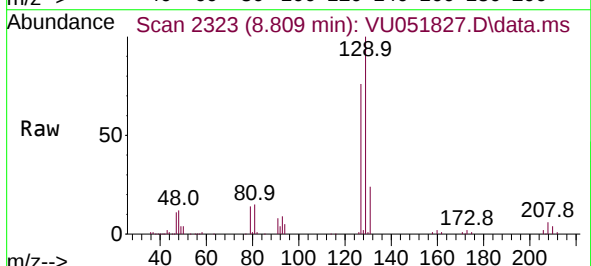
Ion	Ratio	Lower	Upper
43	100		
58	61.4	48.2	72.2
57	20.9	16.6	25.0
100	12.9	10.2	15.2

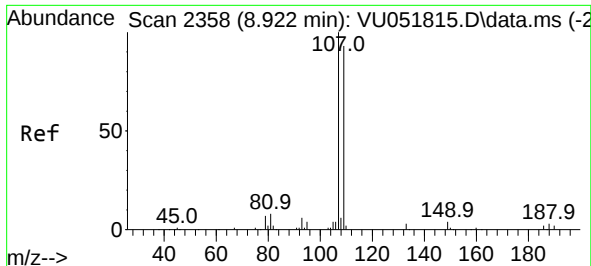


#49
Dibromochloromethane
Concen: 5.288 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion: 129 Resp: 96732

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.8	101.8

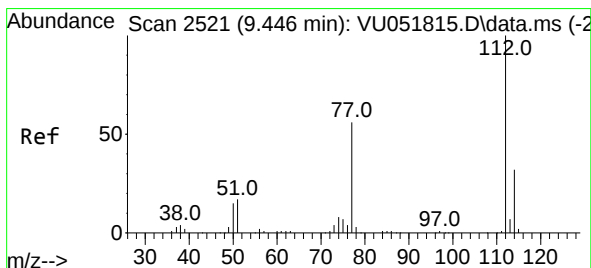
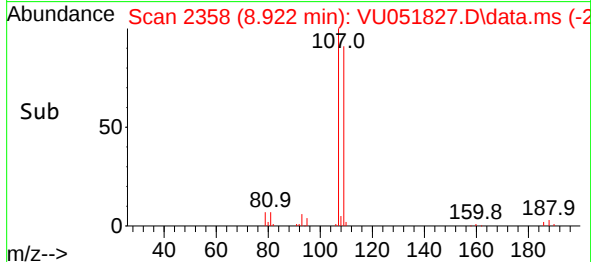
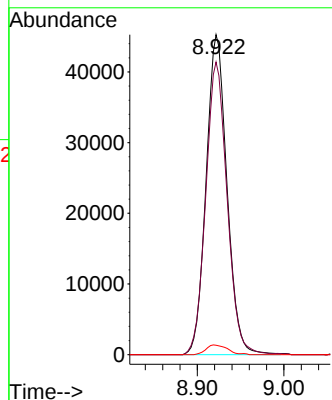
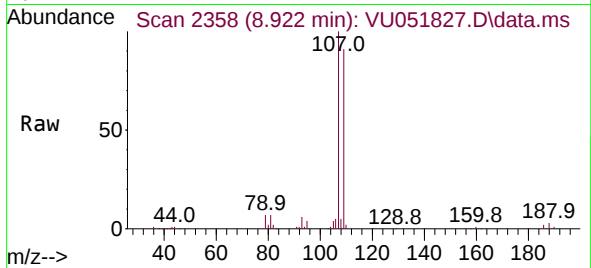




#50
1,2-Dibromoethane
Concen: 5.244 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

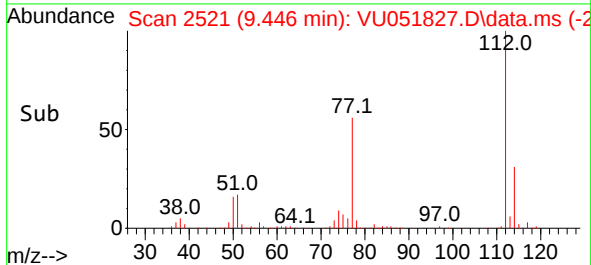
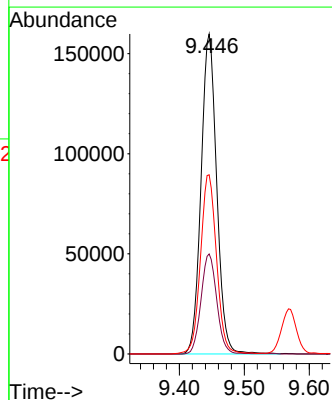
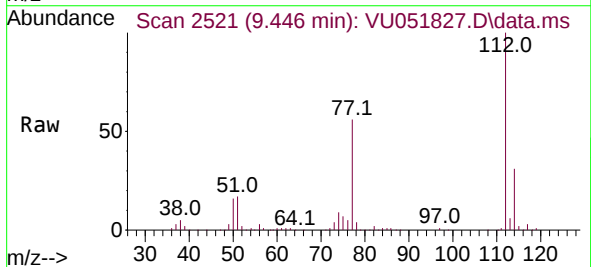
Instrument :
MSVOA_U
ClientSampleId :

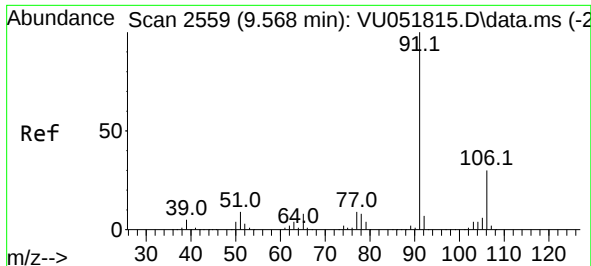
Tgt Ion:107 Resp: 75761
Ion Ratio Lower Upper
107 100
109 91.5 63.0 117.0
188 3.0 3.0 4.4#



#51
Chlorobenzene
Concen: 4.889 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion:112 Resp: 268438
Ion Ratio Lower Upper
112 100
114 31.3 22.0 40.8
77 56.0 46.7 70.1

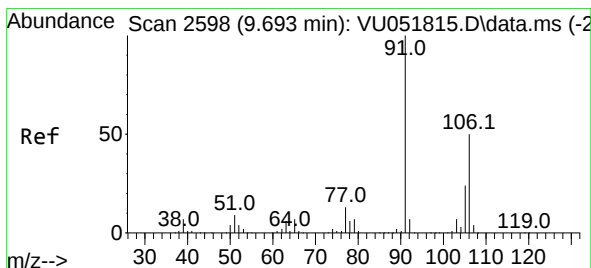
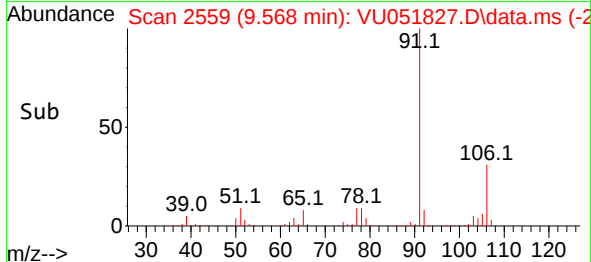
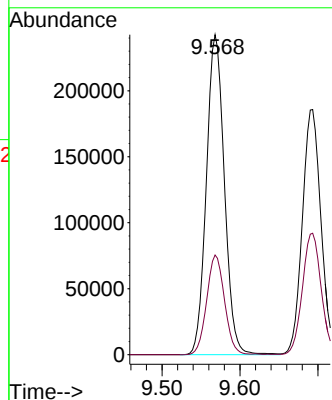
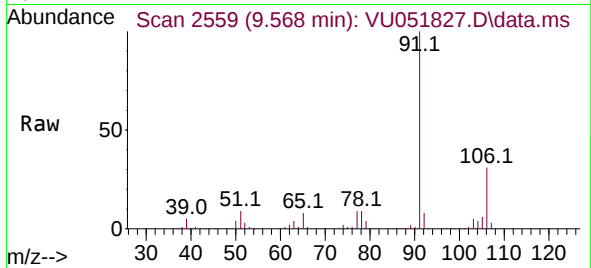




#52
Ethylbenzene
Concen: 4.623 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

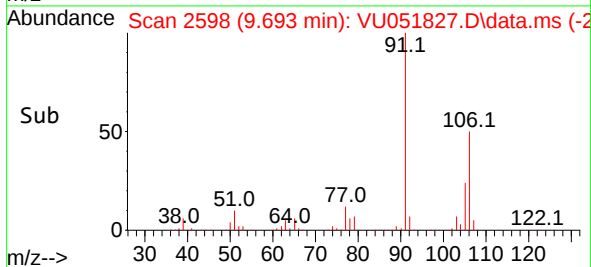
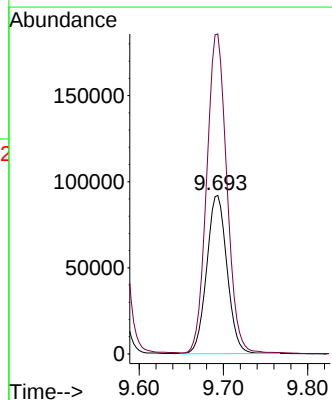
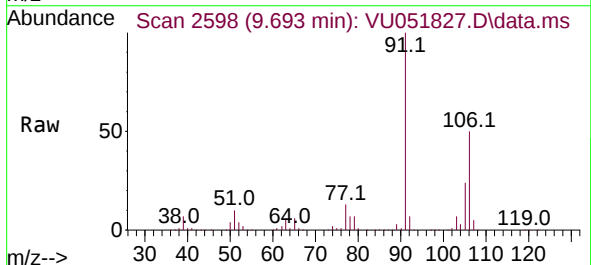
Instrument :
MSVOA_U
ClientSampleId :

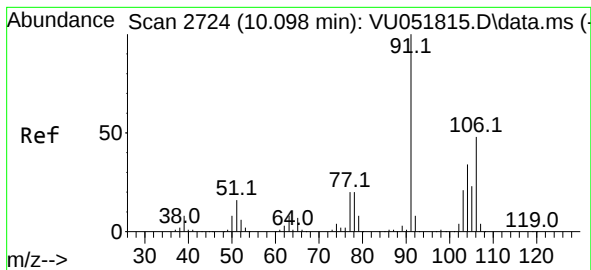
Tgt Ion: 91 Resp: 389152
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 4.719 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion: 106 Resp: 154318
Ion Ratio Lower Upper
106 100
91 201.8 139.4 259.0





#54

o-Xylene

Concen: 4.851 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

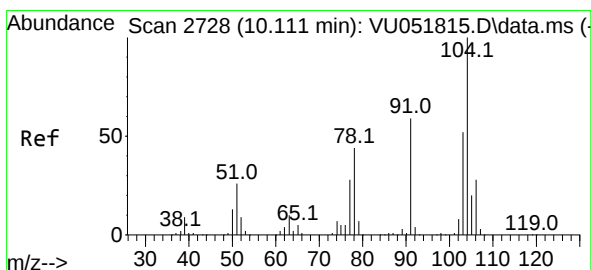
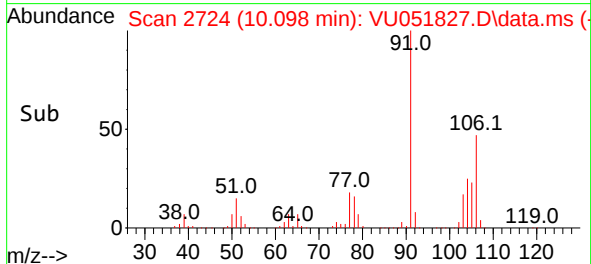
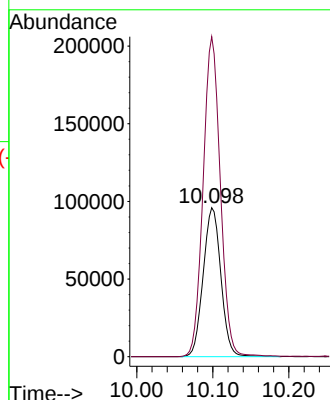
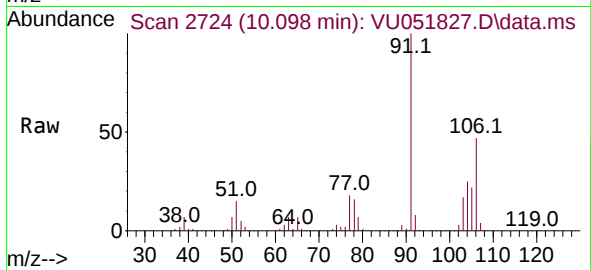
ClientSampleId :

Tgt Ion:106 Resp: 155016

Ion Ratio Lower Upper

106 100

91 214.8 149.2 277.2



#55

Styrene

Concen: 3.901 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU051827.D

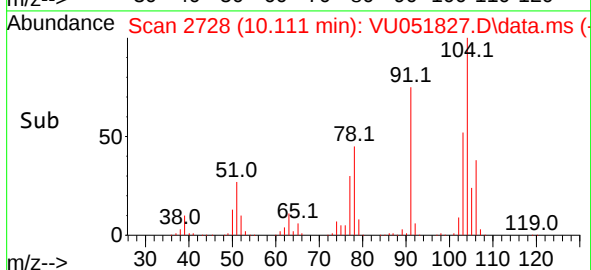
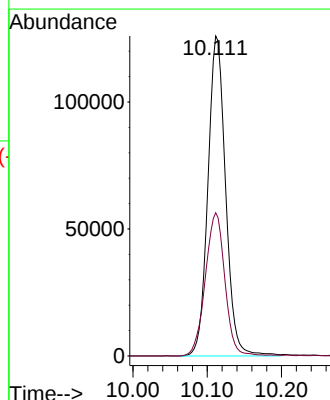
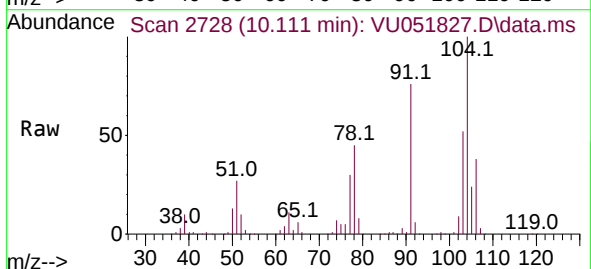
Acq: 11 Nov 2022 20:14

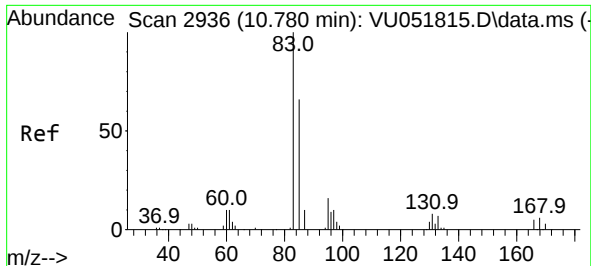
Tgt Ion:104 Resp: 208394

Ion Ratio Lower Upper

104 100

78 44.7 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.831 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

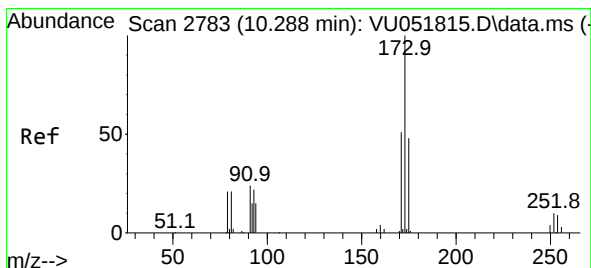
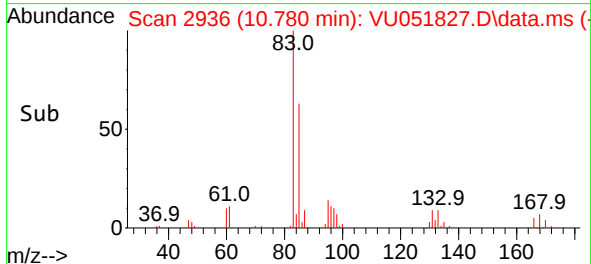
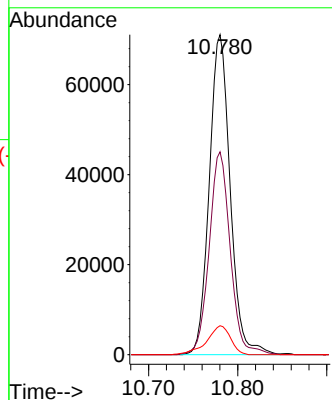
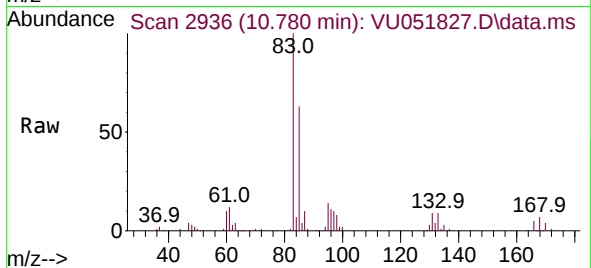
Tgt Ion: 83 Resp: 115767

Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.5

131 9.1 7.8 11.8



#59

Bromoform

Concen: 5.635 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

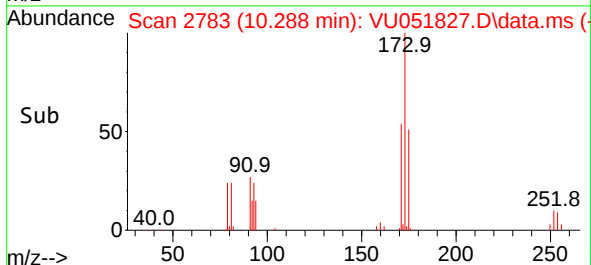
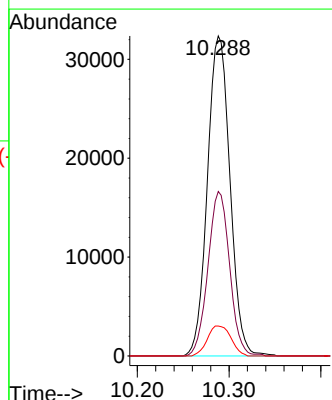
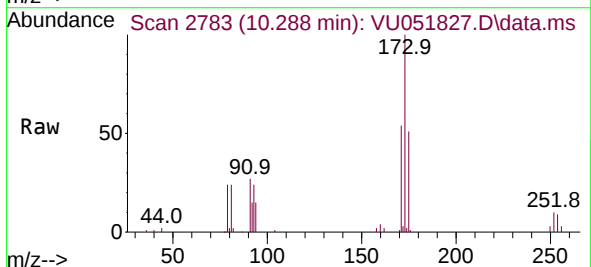
Tgt Ion: 173 Resp: 55277

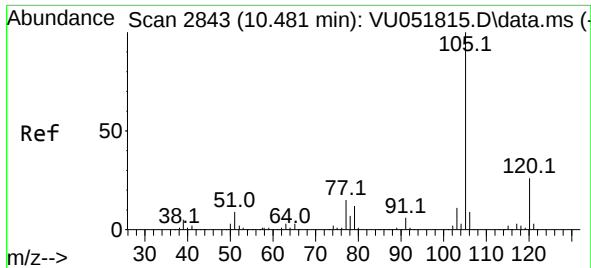
Ion Ratio Lower Upper

173 100

175 49.3 38.7 58.1

254 9.8 7.3 10.9

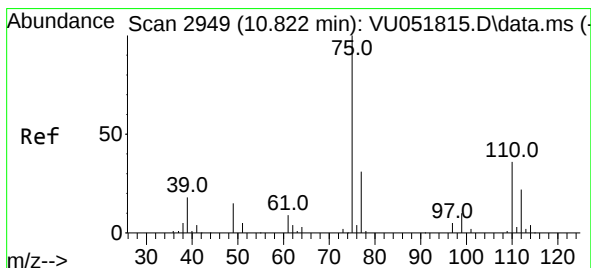
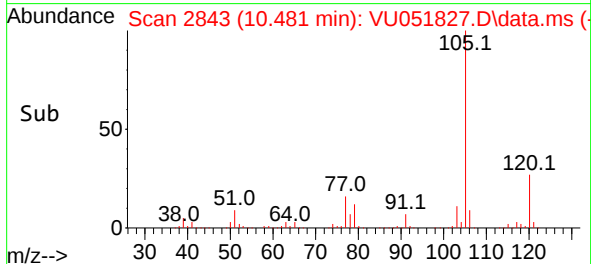
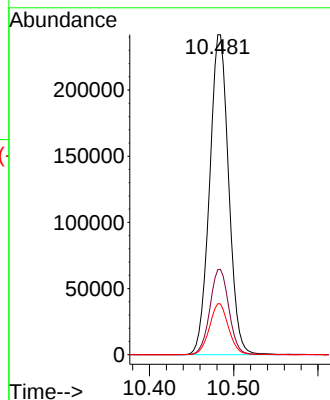
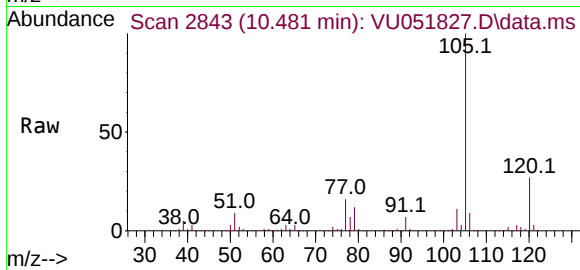




#60
Isopropylbenzene
Concen: 4.903 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

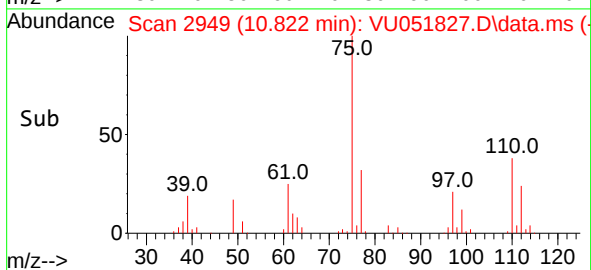
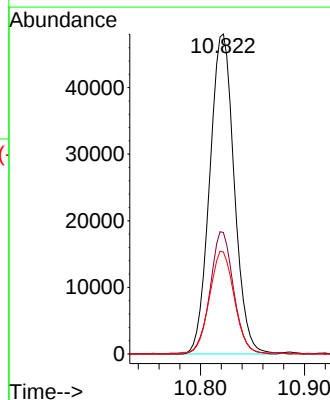
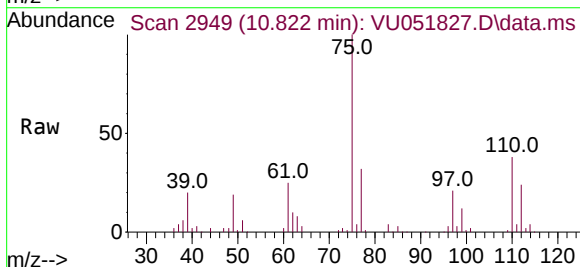
Instrument :
MSVOA_U
ClientSampleId :

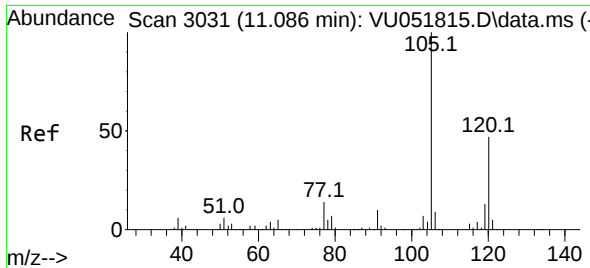
Tgt Ion:105 Resp: 380052
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 16.0 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.738 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion: 75 Resp: 78776
Ion Ratio Lower Upper
75 100
110 36.6 28.7 43.1
77 32.6 26.1 39.1

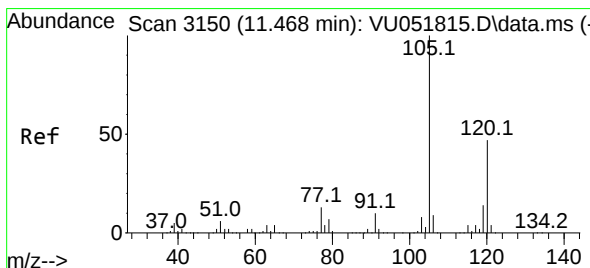
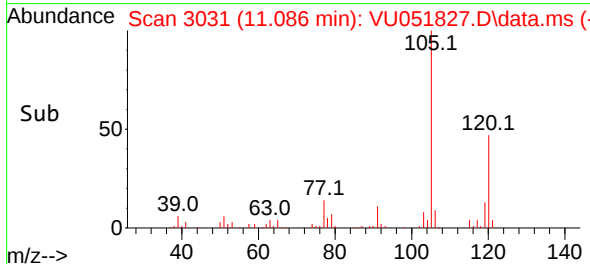
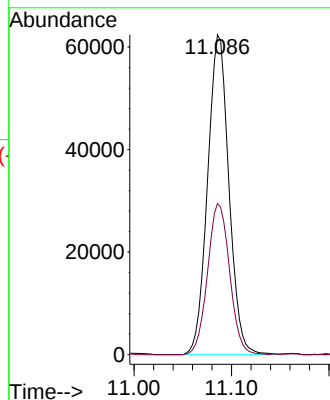
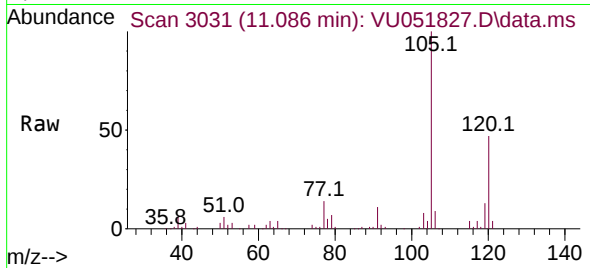




#62
 1,3,5-Trimethylbenzene
 Concen: 4.546 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

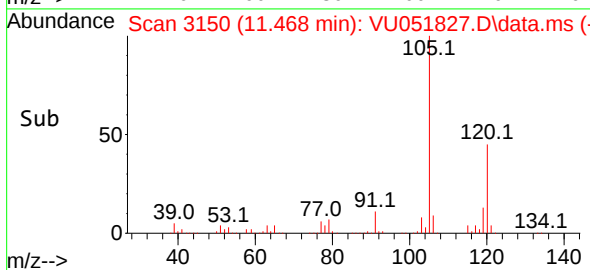
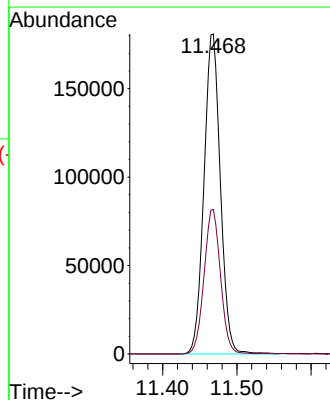
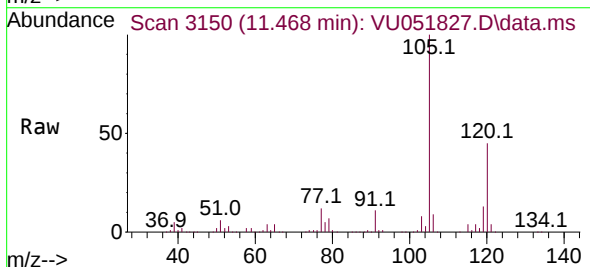
Instrument :
 MSVOA_U
 ClientSampleId :

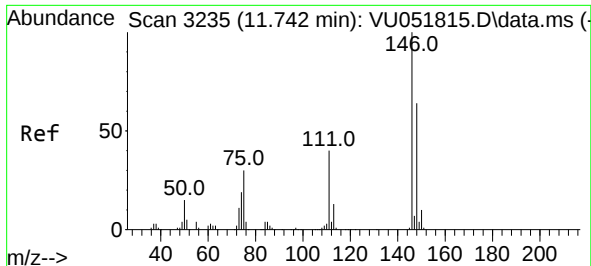
Tgt Ion:105 Resp: 94866
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.608 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Tgt Ion:105 Resp: 277251
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.6

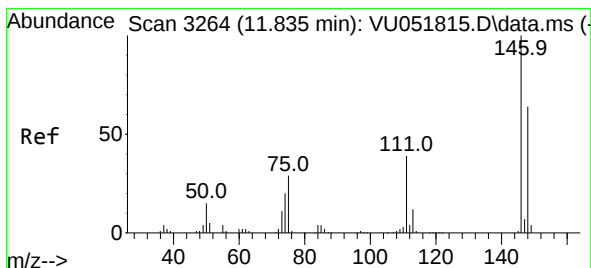
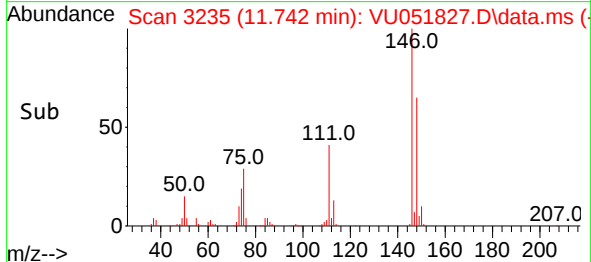
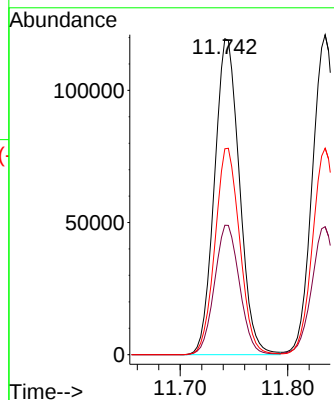
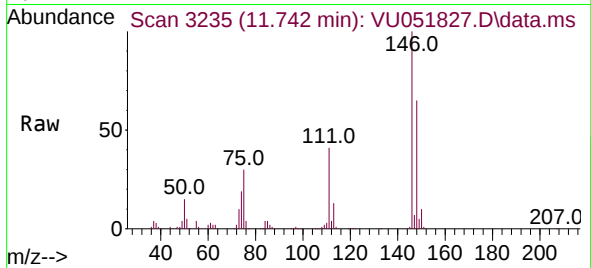




#64
1,3-Dichlorobenzene
Concen: 5.012 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

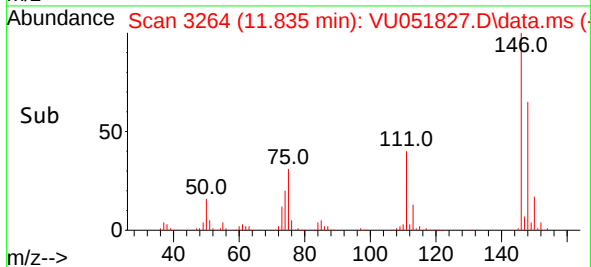
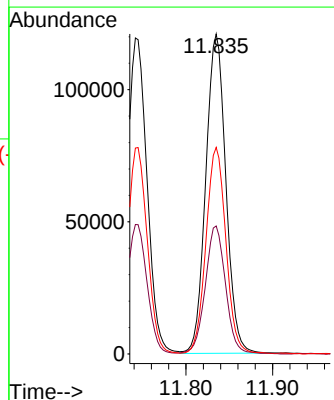
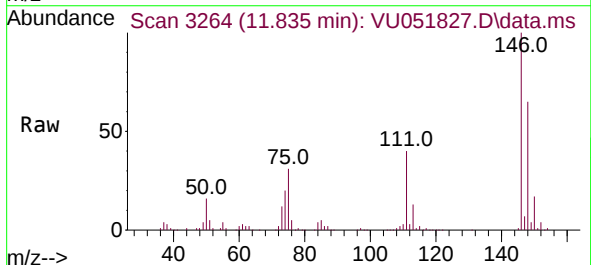
Instrument :
MSVOA_U
ClientSampleId :

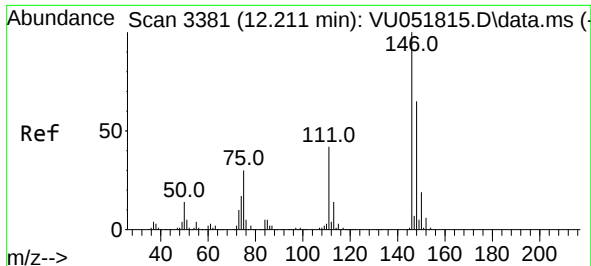
Tgt Ion:146 Resp: 193406
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 65.2 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.033 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion:146 Resp: 194699
Ion Ratio Lower Upper
146 100
111 40.0 26.7 49.5
148 64.6 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.241 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

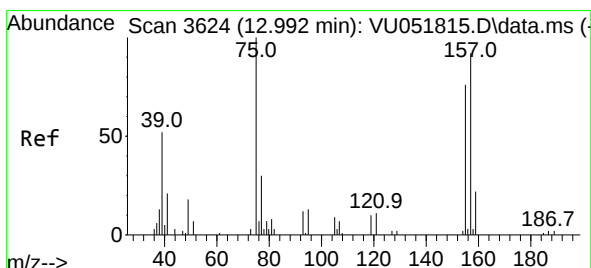
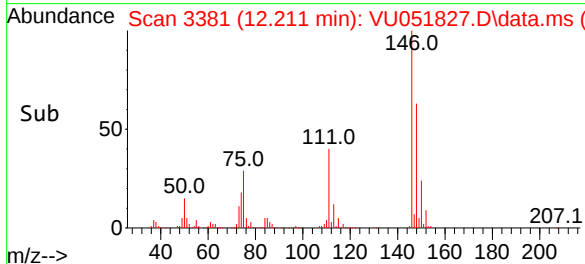
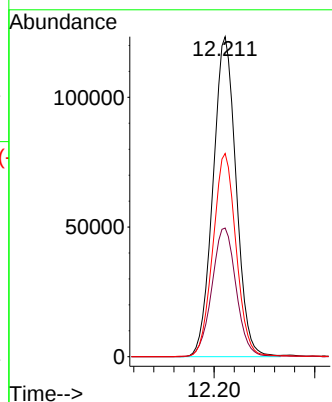
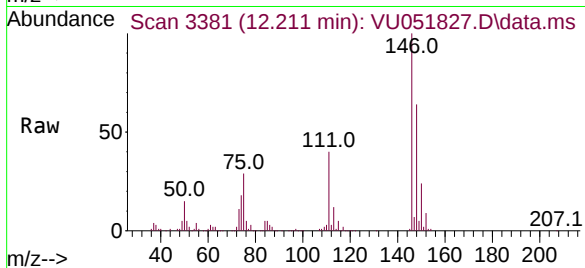
Tgt Ion:146 Resp: 197001

Ion Ratio Lower Upper

146 100

111 40.2 34.2 51.2

148 63.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.841 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051827.D

Acq: 11 Nov 2022 20:14

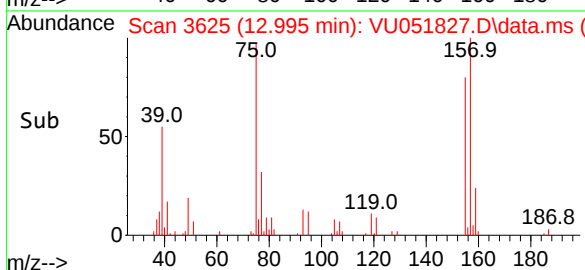
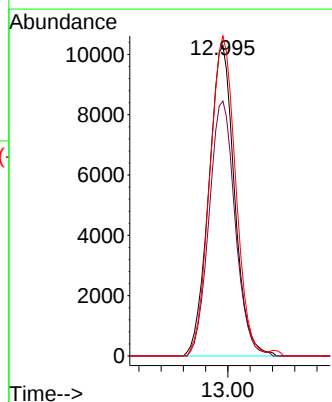
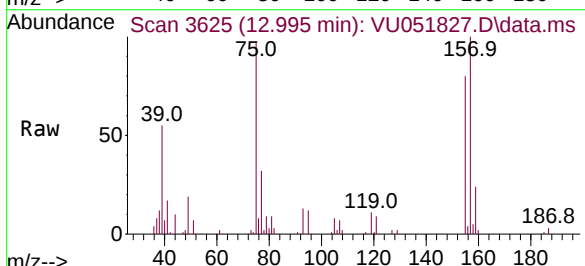
Tgt Ion: 75 Resp: 16512

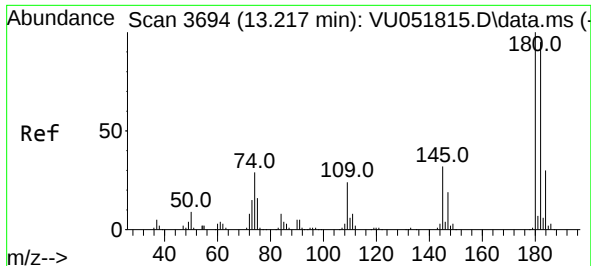
Ion Ratio Lower Upper

75 100

155 82.1 61.4 92.2

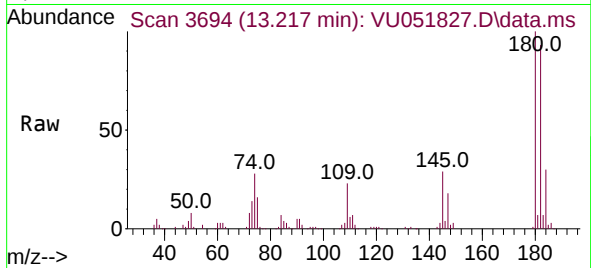
157 103.1 86.7 130.1



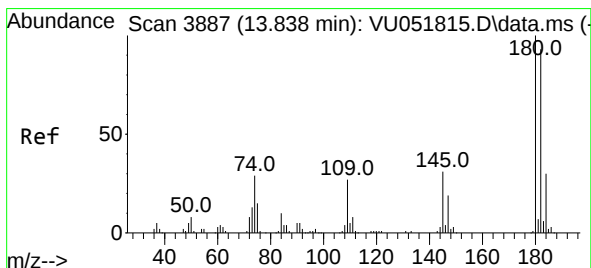
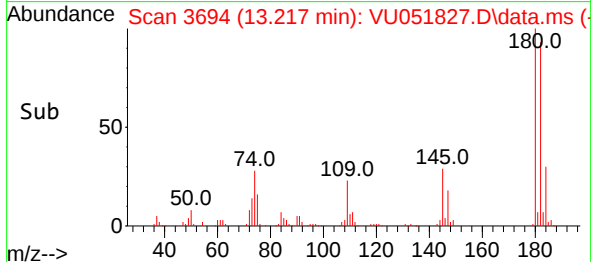
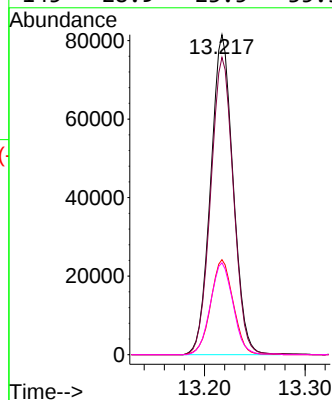


#69
 1,3,5-Trichlorobenzene
 Concen: 4.591 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Instrument :
 MSVOA_U
 ClientSampleId :

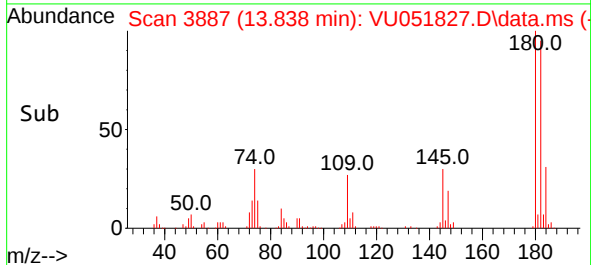
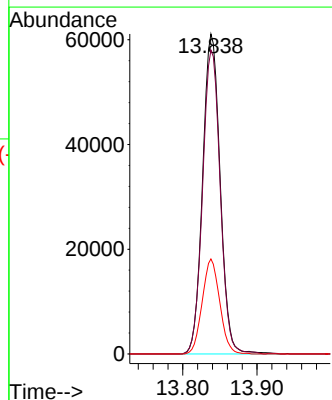
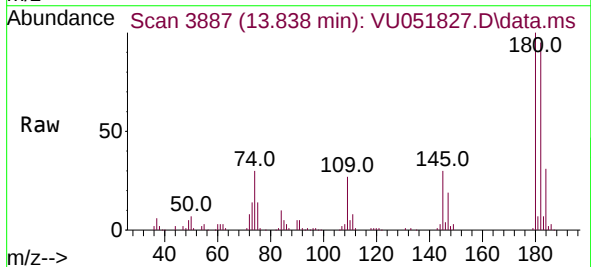


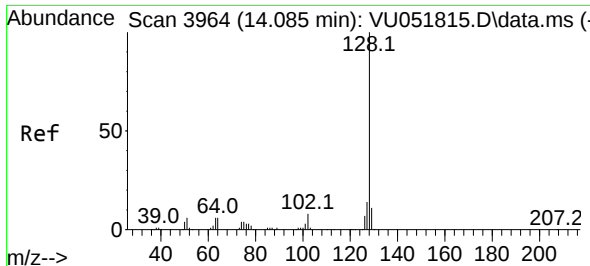
Tgt Ion:180 Resp: 126280
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.0 115.6
 184 29.9 23.7 35.5
 145 28.9 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.747 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051827.D
 Acq: 11 Nov 2022 20:14

Tgt Ion:180 Resp: 100237
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.8 116.6
 145 29.6 25.0 37.6

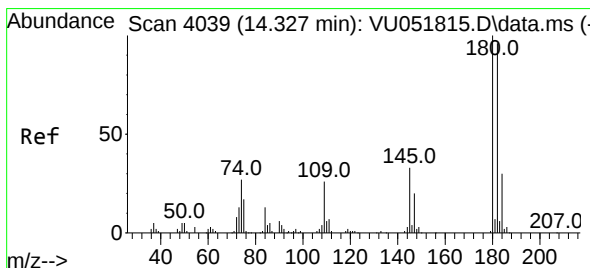
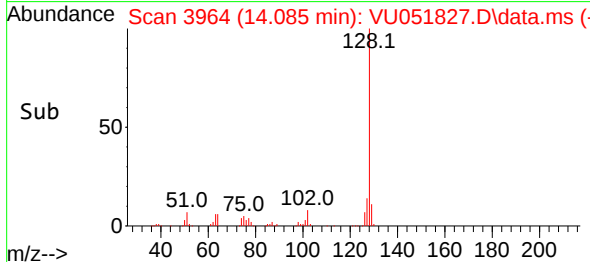
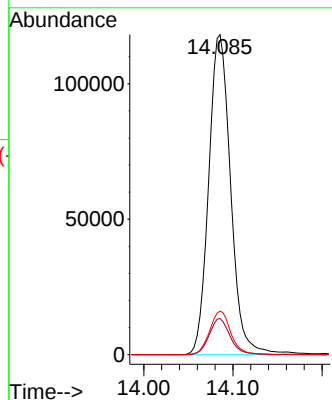
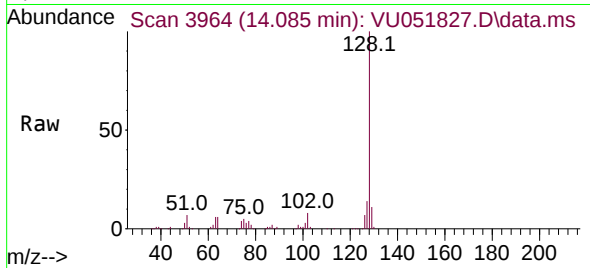




#71
Naphthalene
Concen: 5.117 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 201670
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.987 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051827.D
Acq: 11 Nov 2022 20:14

Tgt Ion:180 Resp: 106328
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 33.2 25.6 38.4

