

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046813.D
 Acq On : 20 Jan 2022 16:03
 Operator : SY/MD
 Sample : N1192-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 01:01:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90277	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36144	4.725	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.916	69	30374	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.571	65	14803	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.655	46	112149	49.487	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.980%
24) Chloroform-d	5.067	84	68755	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.706	65	38089	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.729	84	134269	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.693	67	41392	5.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.899	98	121374	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.182	79	16421	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.639	63	103293	48.574	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41063	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42591	4.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50525	5.950	ug/L	100
3) Chloromethane	1.520	50	41515	5.937	ug/L	98
5) Vinyl chloride	1.607	62	41735	5.732	ug/L	98
6) Bromomethane	1.861	94	25400	5.576	ug/L	99
8) Chloroethane	1.938	64	23579	5.626	ug/L	96
9) Trichlorofluoromethane	2.141	101	53698	6.053	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29490	5.590	ug/L	97
12) 1,1-Dichloroethene	2.584	96	28446	5.643	ug/L	79
13) Acetone	2.674	43	27651	22.433	ug/L	71
14) Carbon disulfide	2.797	76	90826	5.486	ug/L	99
15) Methyl Acetate	2.964	43	8201	3.046	ug/L	98
16) Methylene chloride	3.051	84	32421	5.326	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	76314	5.396	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	30024	5.499	ug/L	94
19) 1,1-Dichloroethane	3.874	63	53378	5.824	ug/L	99
21) 2-Butanone	4.735	43	94284	47.563	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32770	5.690	ug/L	95
23) Bromochloromethane	4.980	128	15928	5.621	ug/L	88
25) Chloroform	5.089	83	57075	3.923	ug/L	97

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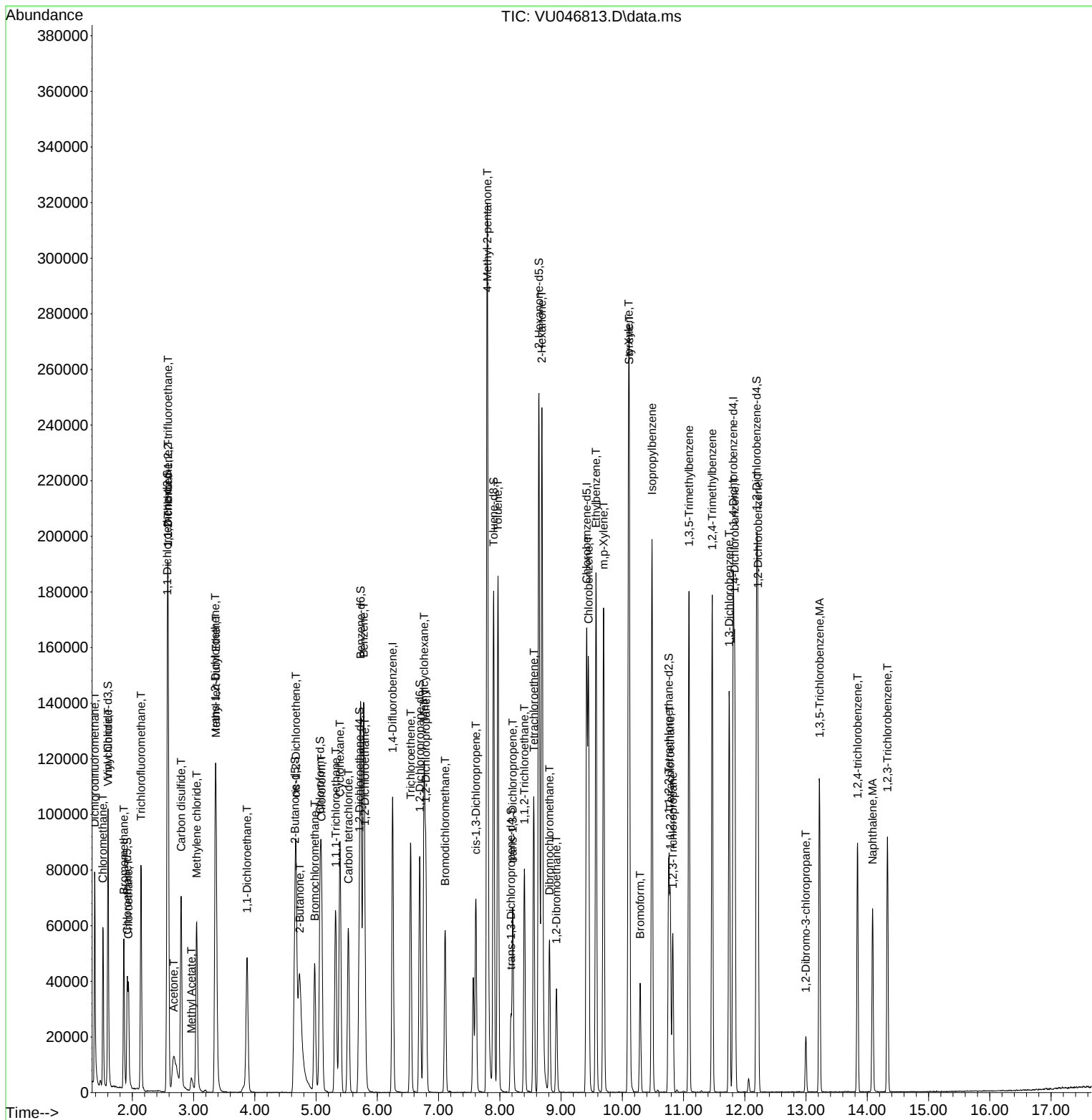
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 ClientSampleId :

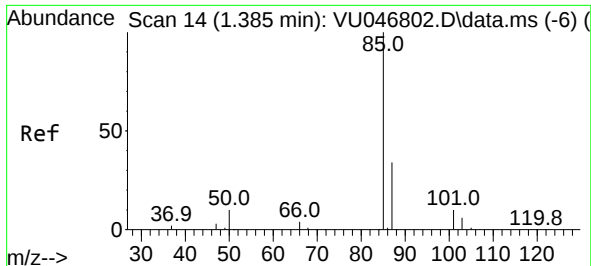
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38269	5.960	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	49374	5.915	ug/L	97
30) Cyclohexane	5.391	56	45405	5.363	ug/L	96
31) Carbon tetrachloride	5.526	117	41255	5.760	ug/L	100
33) Benzene	5.777	78	124191	5.692	ug/L	100
34) Trichloroethene	6.546	95	30640	5.409	ug/L	99
35) Methylcyclohexane	6.764	83	46751	4.927	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31127	5.815	ug/L	98
38) Bromodichloromethane	7.108	83	40176	5.216	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	43903	5.257	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	213844	54.498	ug/L	94
42) Toluene	7.970	91	134344	5.152	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	38772	5.211	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	25881	5.684	ug/L	98
47) Tetrachloroethene	8.555	164	24010	5.211	ug/L	95
48) 2-Hexanone	8.687	43	158821	53.622	ug/L	95
49) Dibromochloromethane	8.812	129	29818	5.551	ug/L	94
50) 1,2-Dibromoethane	8.925	107	25750	5.579	ug/L	97
51) Chlorobenzene	9.449	112	84243	5.562	ug/L	97
52) Ethylbenzene	9.571	91	133095	5.368	ug/L	98
53) m,p-Xylene	9.697	106	52664	5.328	ug/L	100
54) o-Xylene	10.102	106	51318	5.356	ug/L	98
55) Styrene	10.115	104	85623	5.463	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	33963	5.546	ug/L	95
59) Bromoform	10.291	173	17953	6.183	ug/L	99
60) Isopropylbenzene	10.484	105	130538	5.943	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24713	6.186	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	97629	5.415	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	99782	5.379	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	59467	5.417	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	60101	5.440	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	58604	5.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	5326	6.423	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	36300	4.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	27436	3.792	ug/L	99
71) Naphthalene	14.085	128	53949	3.662	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	28020	4.100	ug/L	98

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

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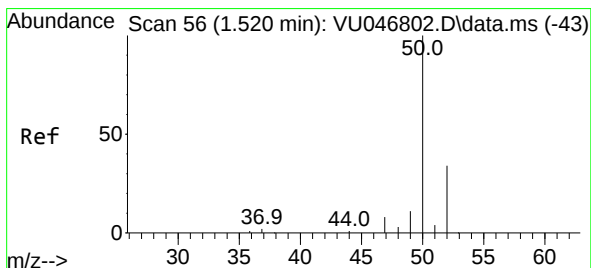
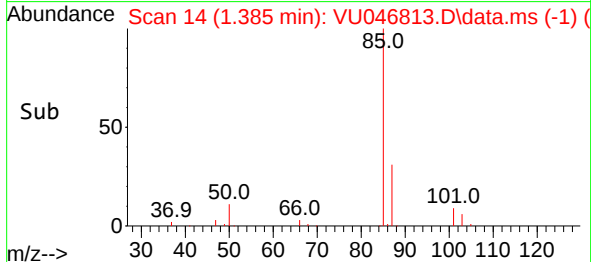
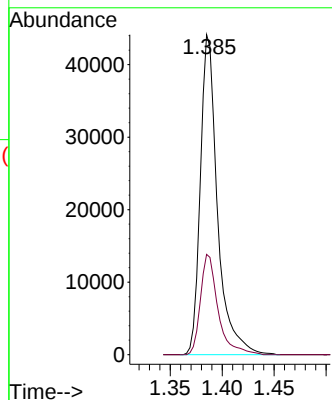
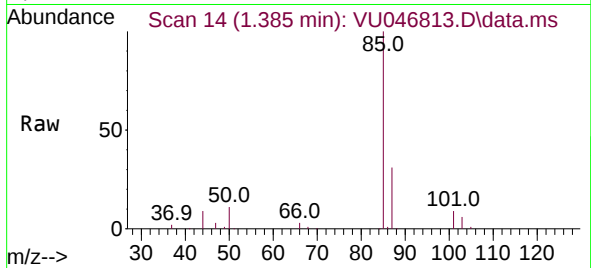




#2
 Dichlorodifluoromethane
 Concen: 5.950 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

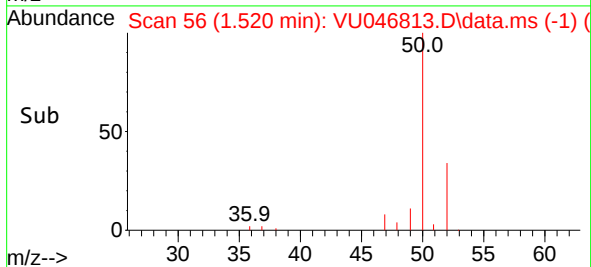
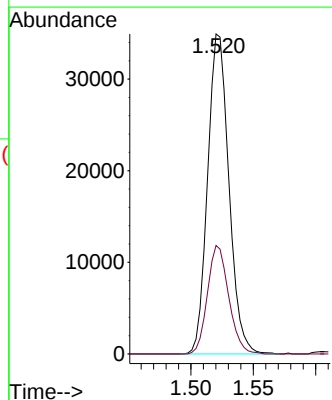
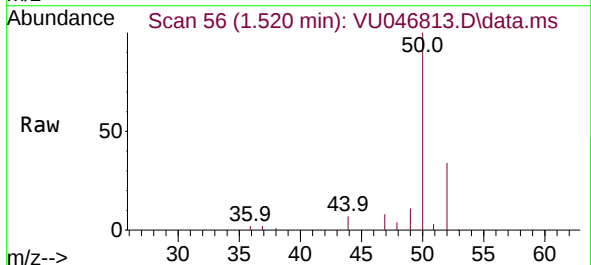
Instrument :
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 ClientSampleId :

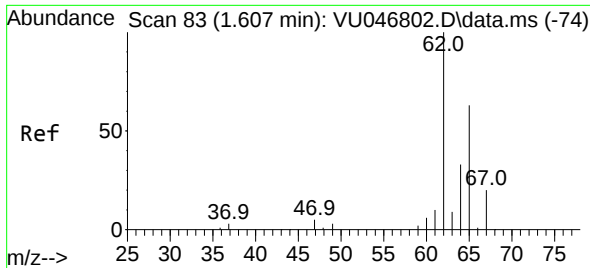
Tgt Ion: 85 Resp: 50525
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 5.937 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

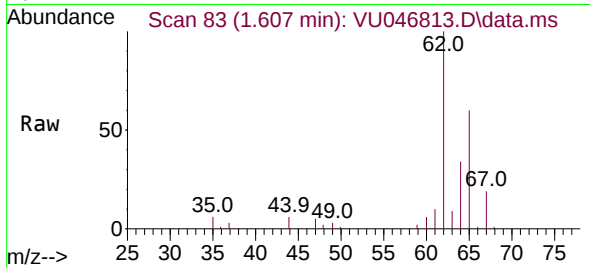
Tgt Ion: 50 Resp: 41515
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.8



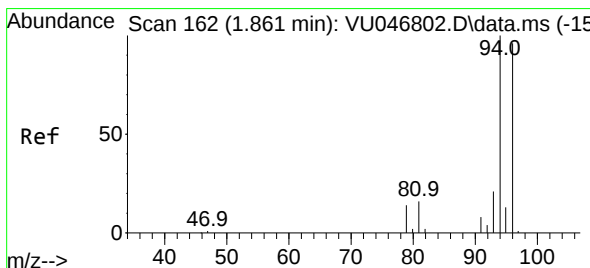
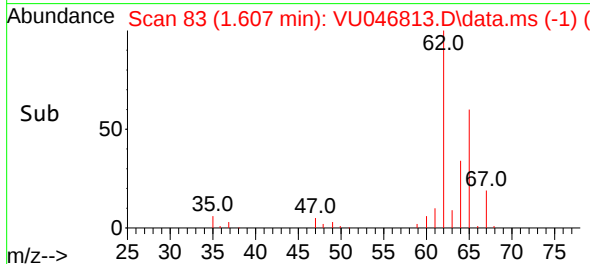
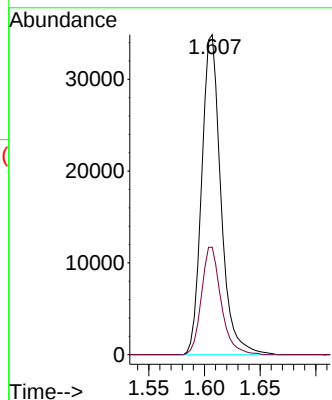


#5
 Vinyl chloride
 Concen: 5.732 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

Instrument :
 MSVOA_U
 ClientSampleId :

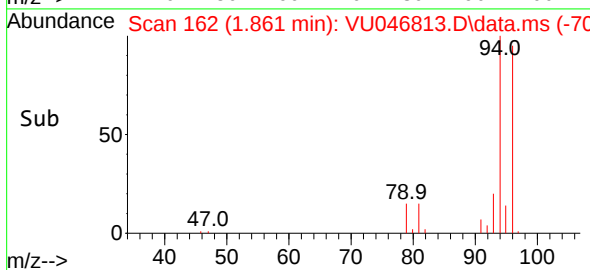
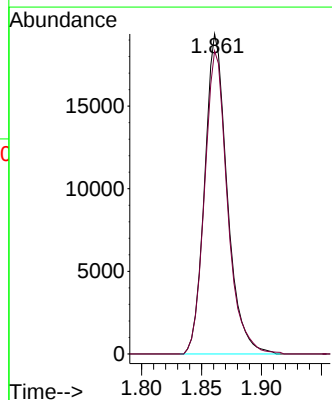
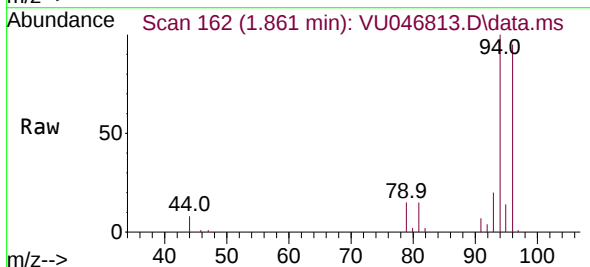


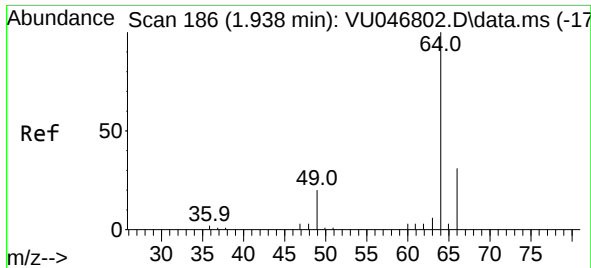
Tgt Ion: 62 Resp: 41735
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.576 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

Tgt Ion: 94 Resp: 25400
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.5 121.6

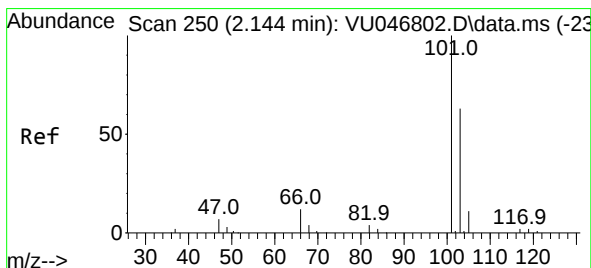
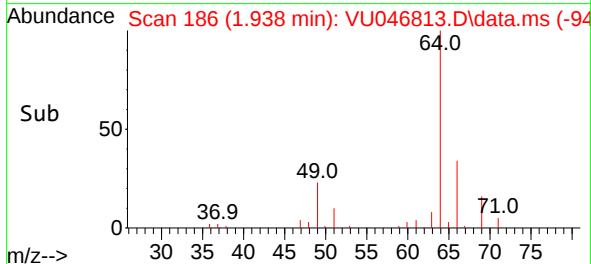
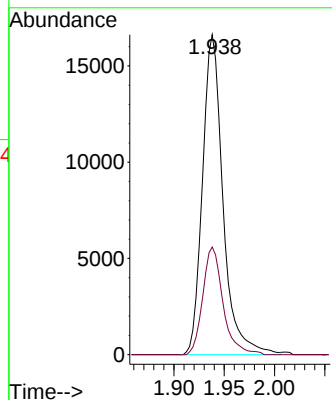
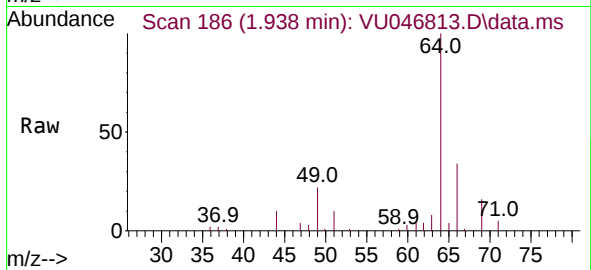




#8
Chloroethane
Concen: 5.626 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

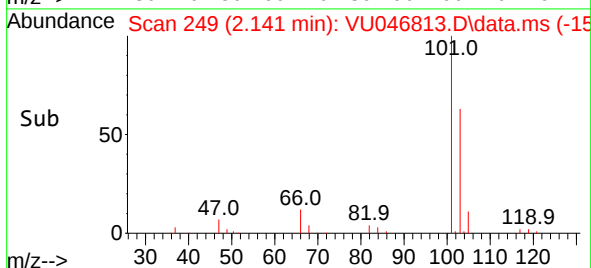
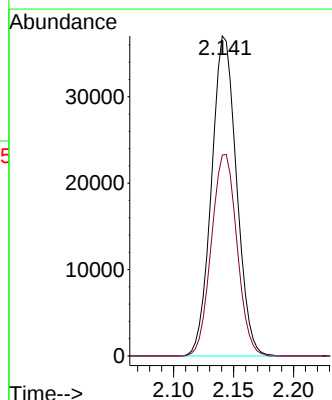
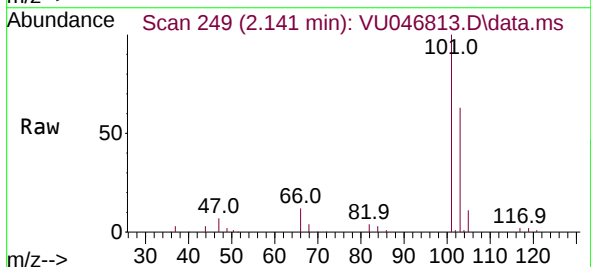
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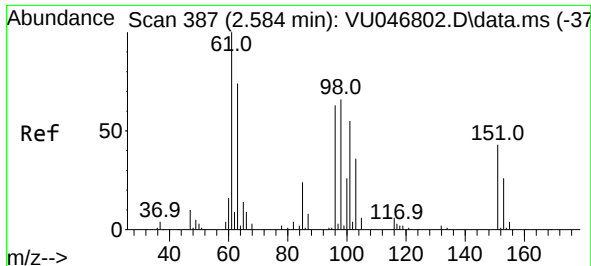
Tgt Ion: 64 Resp: 23579
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.053 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion:101 Resp: 53698
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

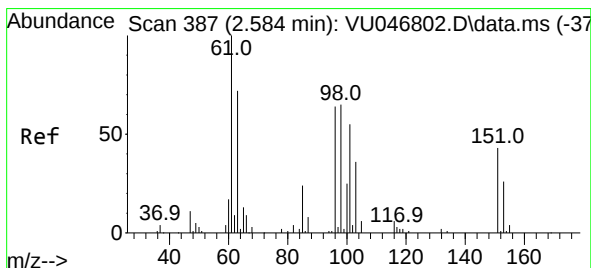
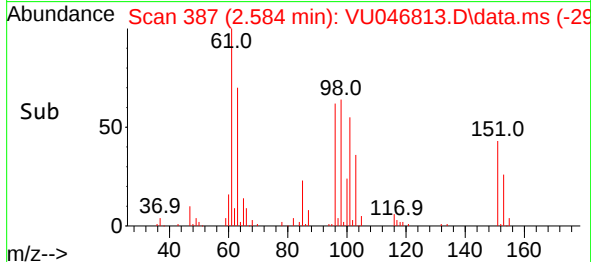
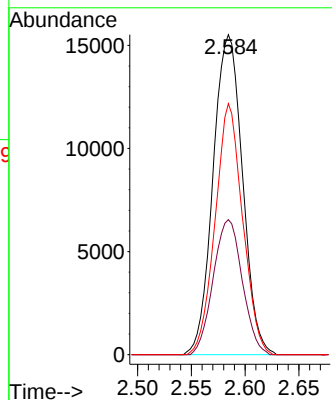
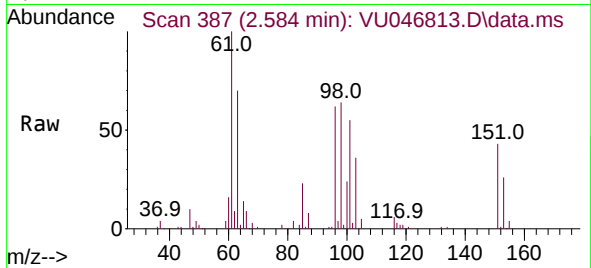




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.590 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

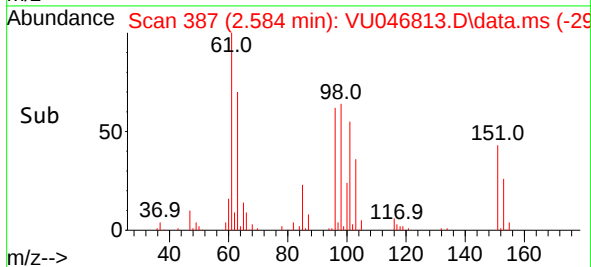
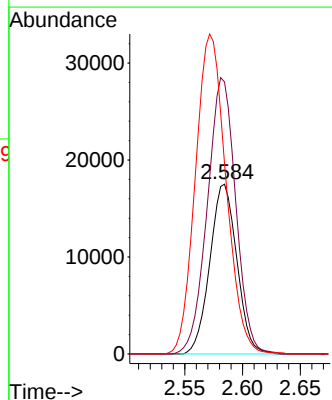
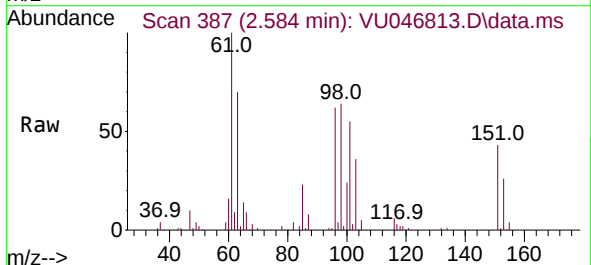
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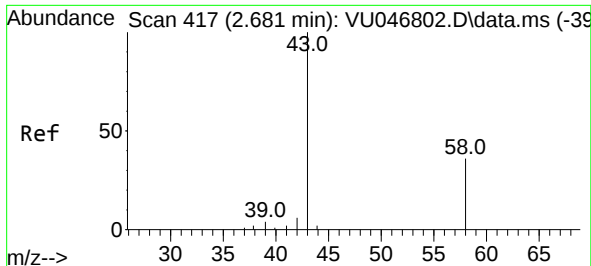
Tgt Ion:101 Resp: 29490
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.6 51.8
 151 73.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.643 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

Tgt Ion: 96 Resp: 28446
 Ion Ratio Lower Upper
 96 100
 61 160.3 124.7 231.5
 63 112.2 105.2 195.4





#13

Acetone

Concen: 22.433 ug/L

RT: 2.674 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

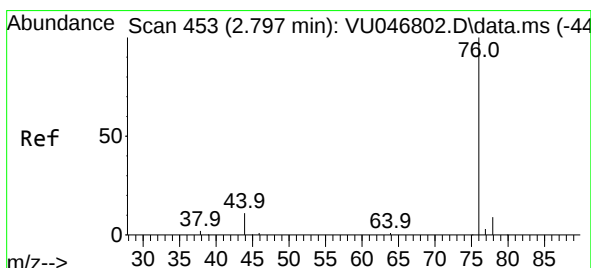
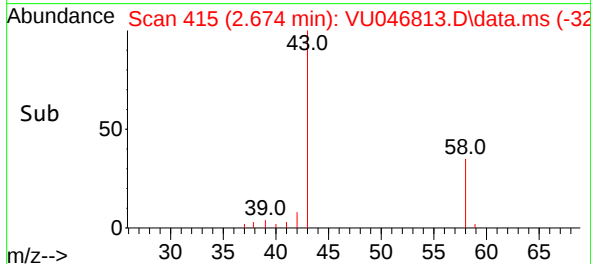
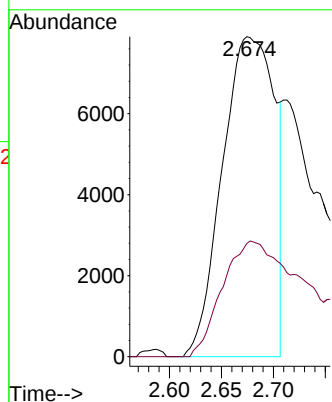
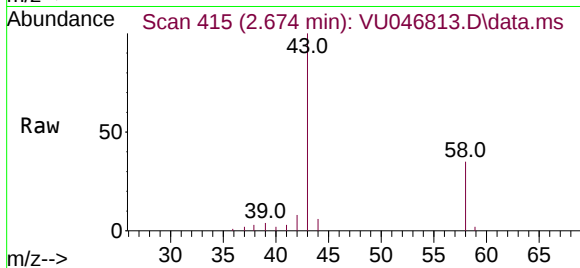
ClientSampleId :

Tgt Ion: 43 Resp: 27651

Ion Ratio Lower Upper

43 100

58 52.7 0.0 71.6



#14

Carbon disulfide

Concen: 5.486 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046813.D

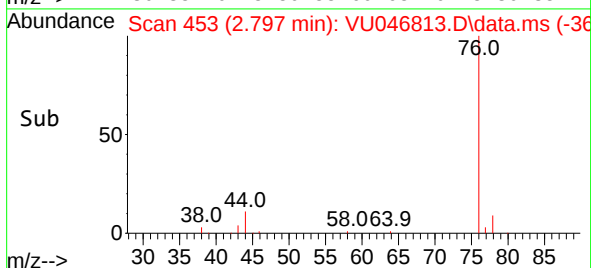
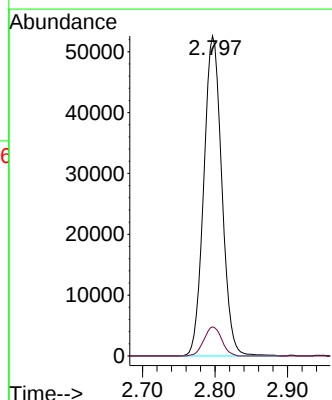
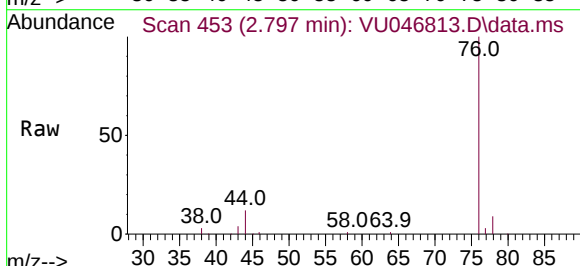
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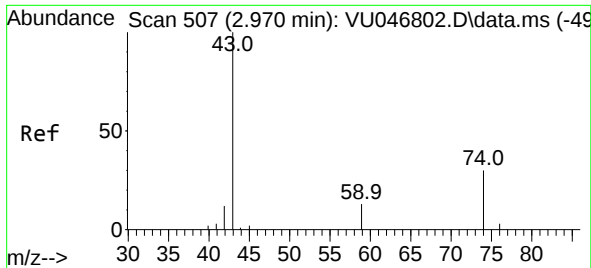
Tgt Ion: 76 Resp: 90826

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

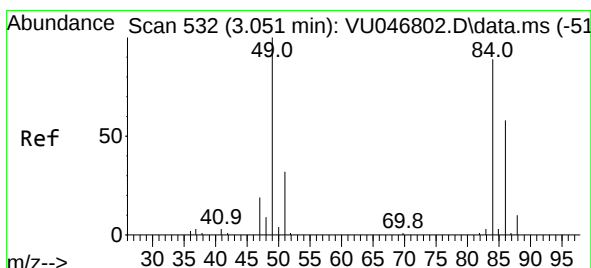
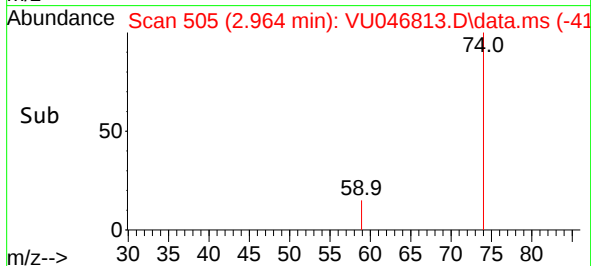
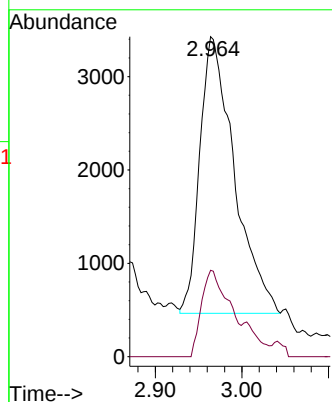
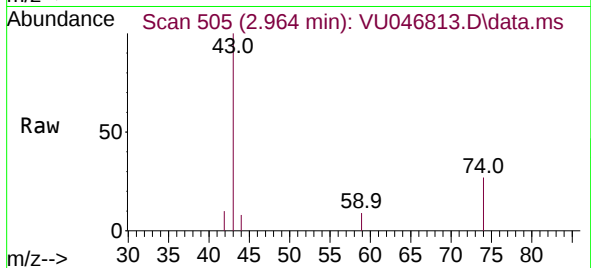




#15
Methyl Acetate
Concen: 3.046 ug/L
RT: 2.964 min Scan# 507
Delta R.T. -0.007 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

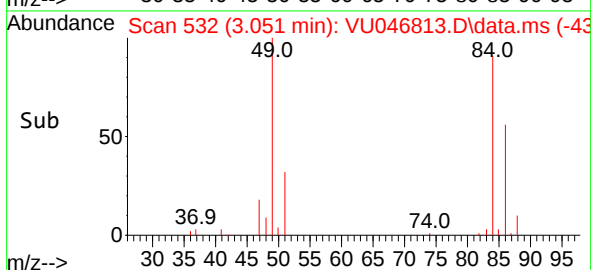
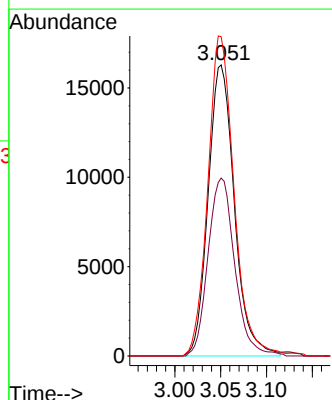
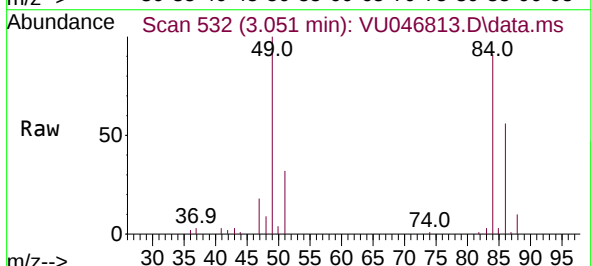
Instrument :
MSVOA_U
ClientSampleId :

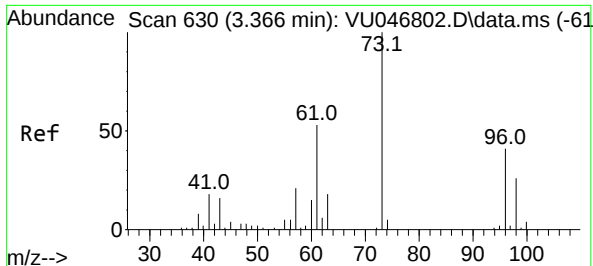
Tgt Ion: 43 Resp: 8201
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7



#16
Methylene chloride
Concen: 5.326 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 84 Resp: 32421
Ion Ratio Lower Upper
84 100
86 61.1 45.8 85.0
49 109.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.396 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

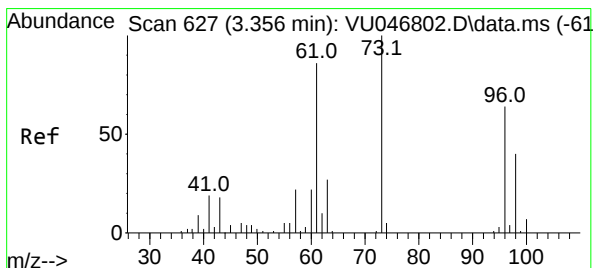
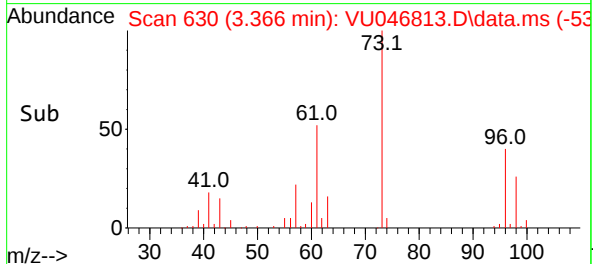
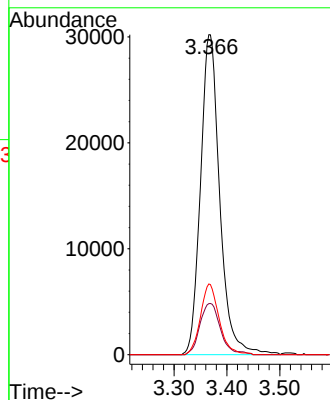
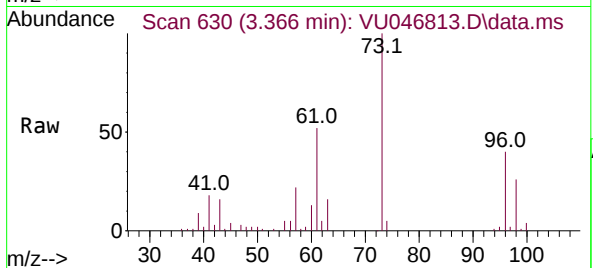
Tgt Ion: 73 Resp: 76314

Ion Ratio Lower Upper

73 100

43 17.2 14.8 22.2

57 21.4 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.499 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

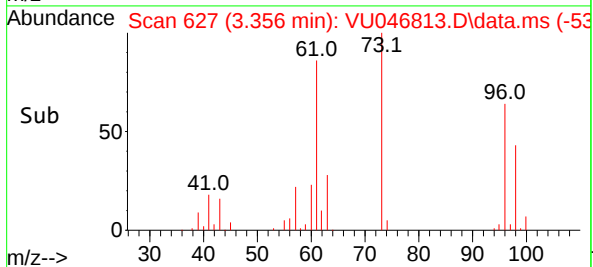
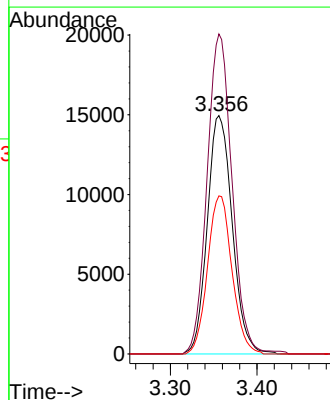
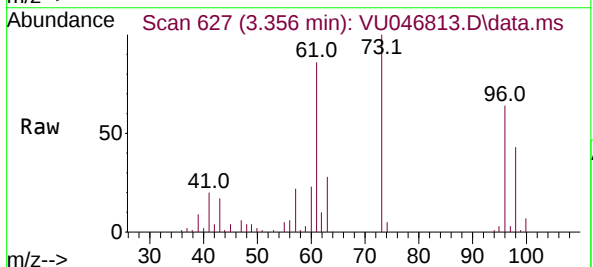
Tgt Ion: 96 Resp: 30024

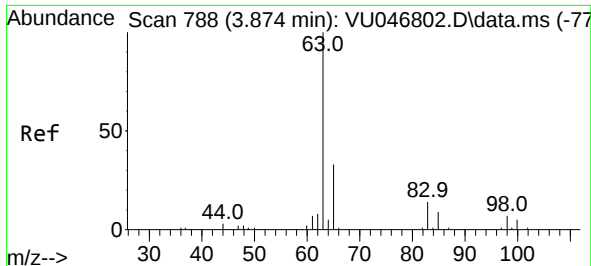
Ion Ratio Lower Upper

96 100

61 134.2 100.8 187.2

98 66.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.824 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

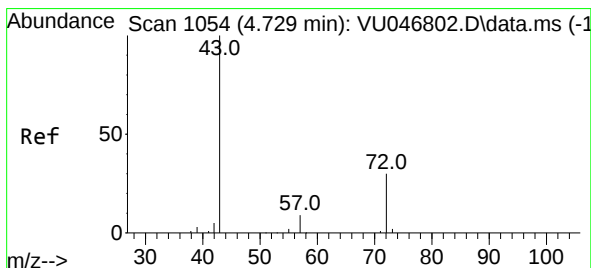
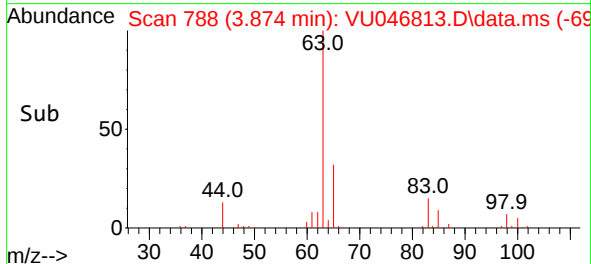
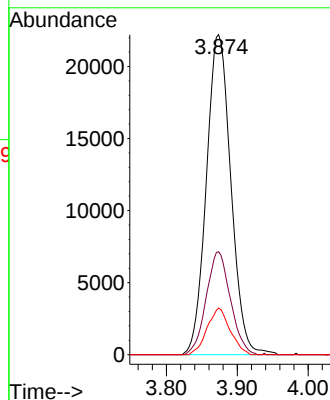
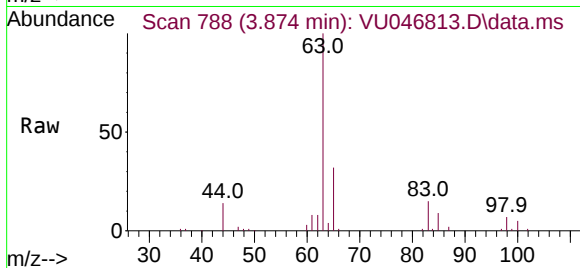
Tgt Ion: 63 Resp: 53378

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

83 14.6 9.6 17.8



#21

2-Butanone

Concen: 47.563 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VU046813.D

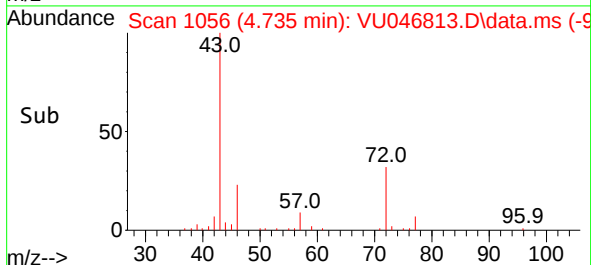
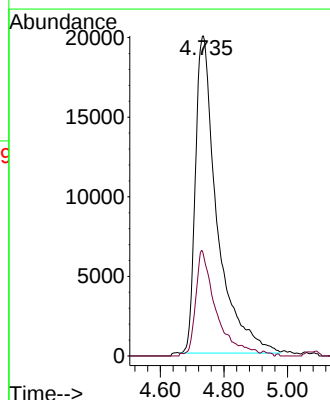
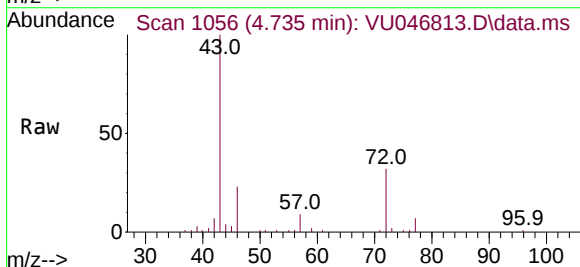
Acq: 20 Jan 2022 16:03

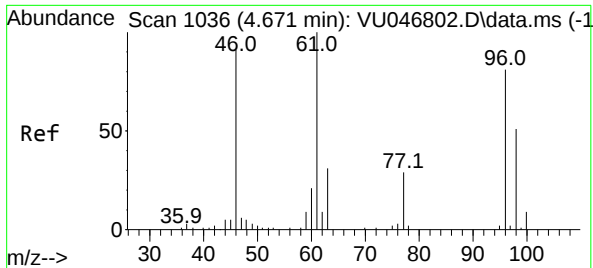
Tgt Ion: 43 Resp: 94284

Ion Ratio Lower Upper

43 100

72 27.8 14.1 42.3

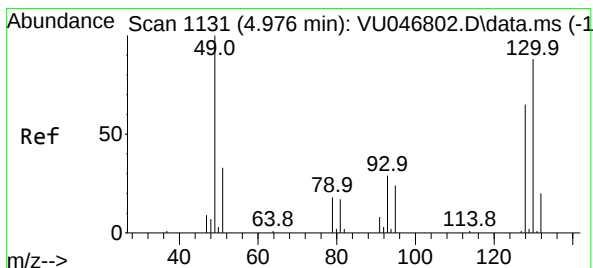
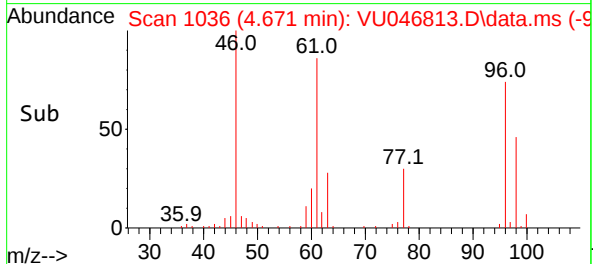
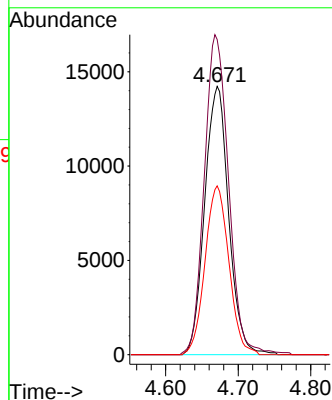
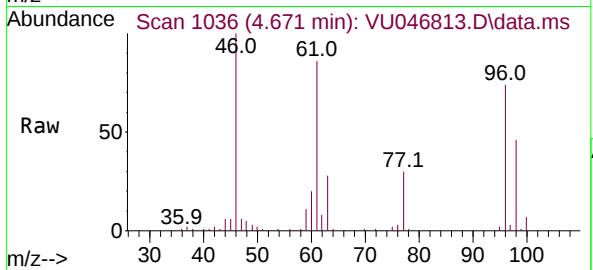




#22
 cis-1,2-Dichloroethene
 Concen: 5.690 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

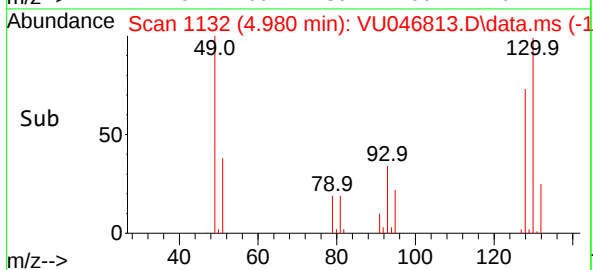
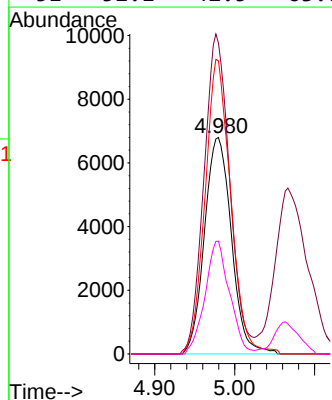
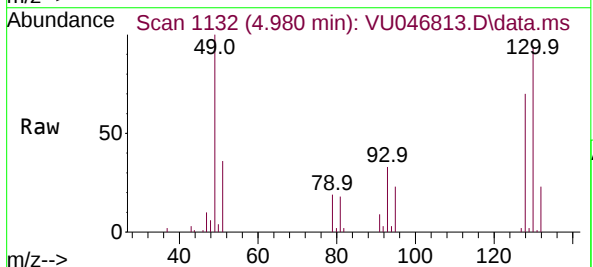
Instrument :
 MSVOA_U
 ClientSampleId :

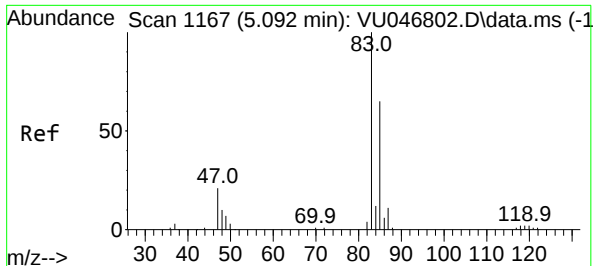
Tgt Ion: 96 Resp: 32770
 Ion Ratio Lower Upper
 96 100
 61 117.5 88.5 164.3
 98 62.9 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.621 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

Tgt Ion: 128 Resp: 15928
 Ion Ratio Lower Upper
 128 100
 49 143.7 117.0 217.2
 130 135.5 88.2 163.8
 51 52.1 42.5 63.7





#25

Chloroform

Concen: 3.923 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

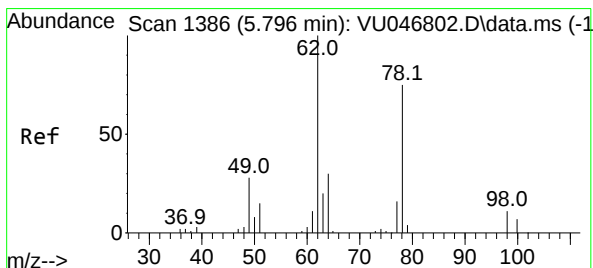
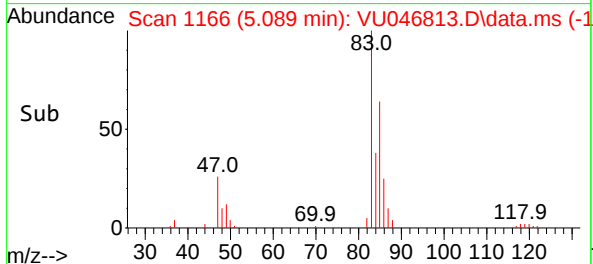
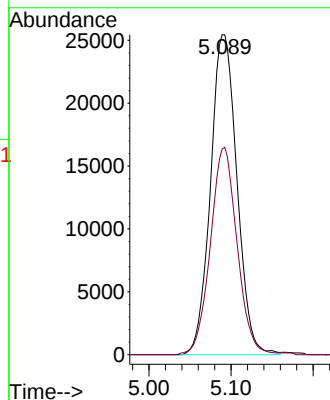
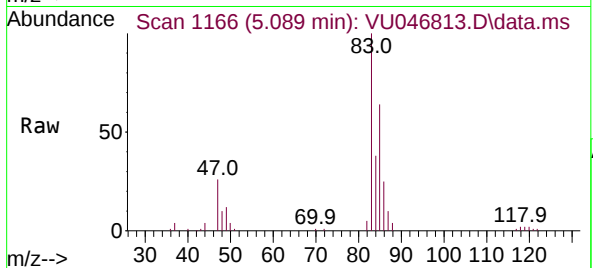
ClientSampleId :

Tgt Ion: 83 Resp: 57075

Ion Ratio Lower Upper

83 100

85 64.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.960 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046813.D

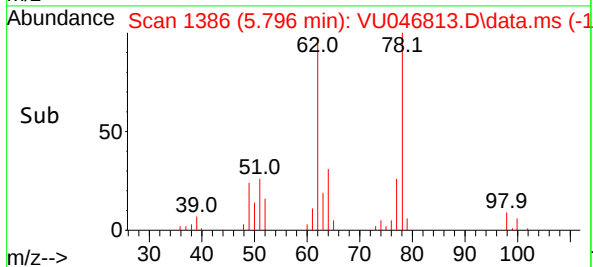
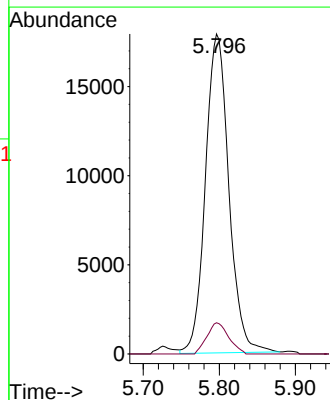
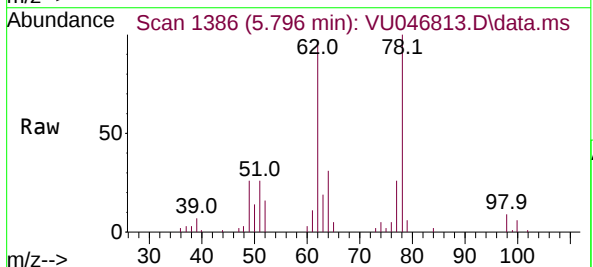
Acq: 20 Jan 2022 16:03

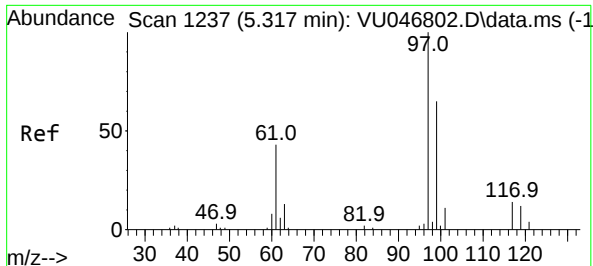
Tgt Ion: 62 Resp: 38269

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.915 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

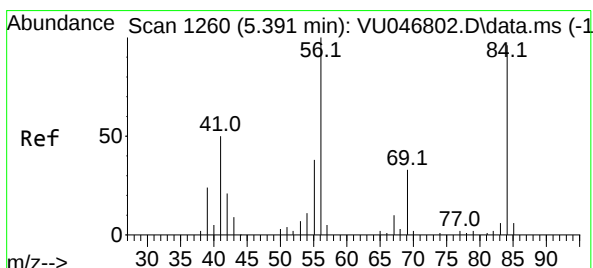
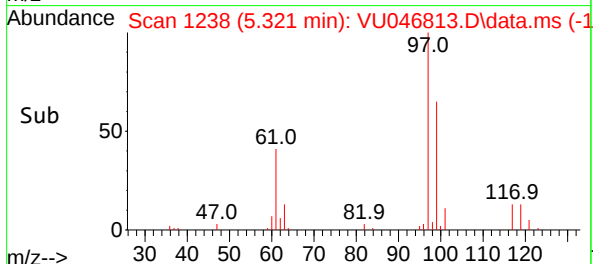
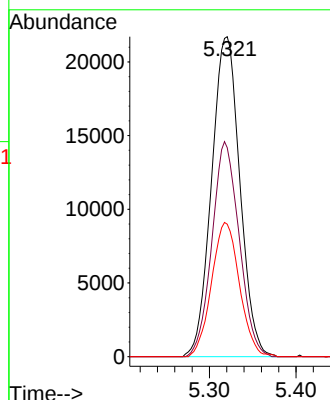
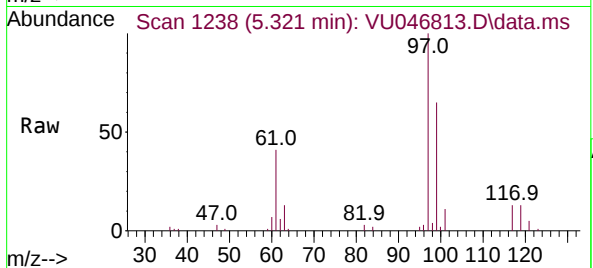
Tgt Ion: 97 Resp: 49374

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 41.3 36.1 54.1



#30

Cyclohexane

Concen: 5.363 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

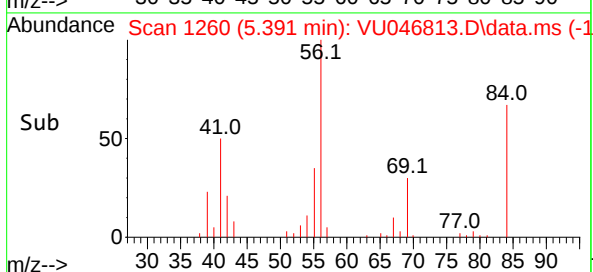
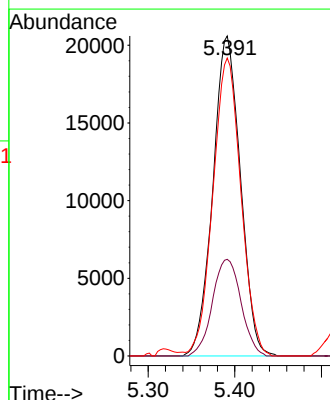
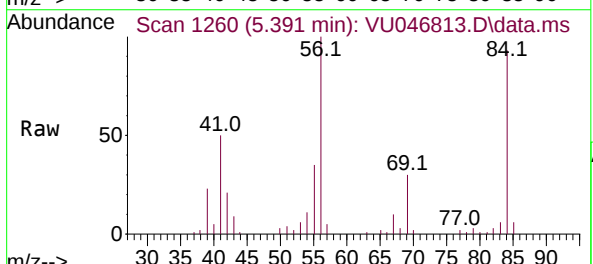
Tgt Ion: 56 Resp: 45405

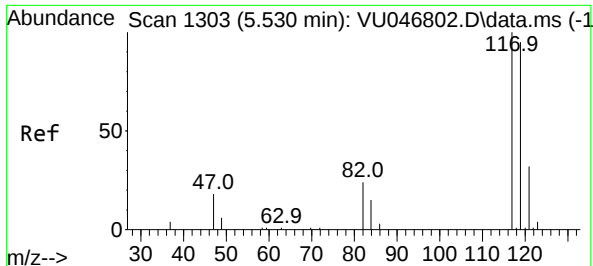
Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 94.7 71.8 107.6

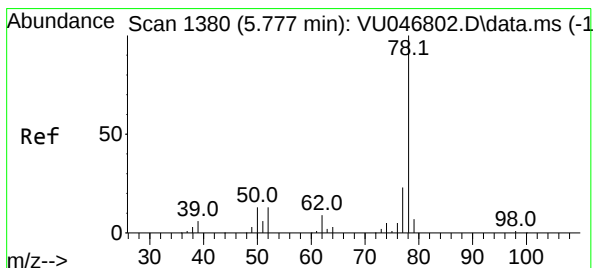
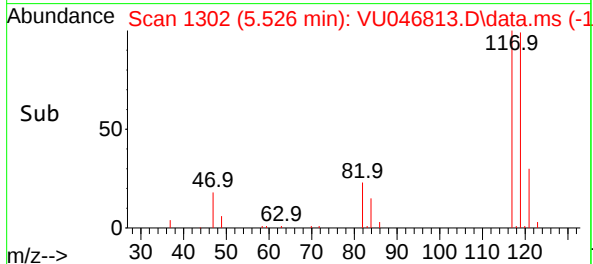
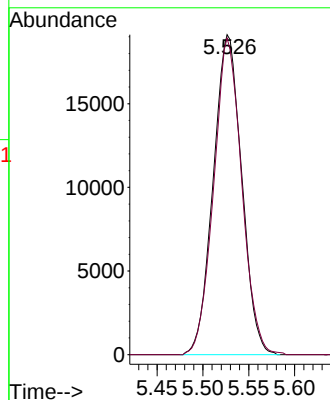
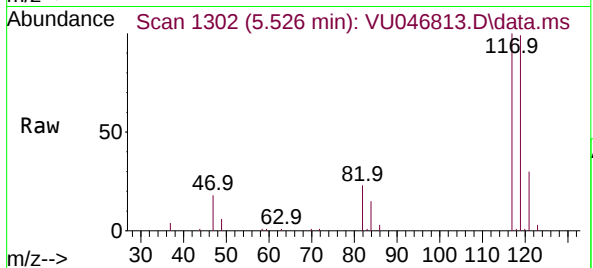




#31
Carbon tetrachloride
Concen: 5.760 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

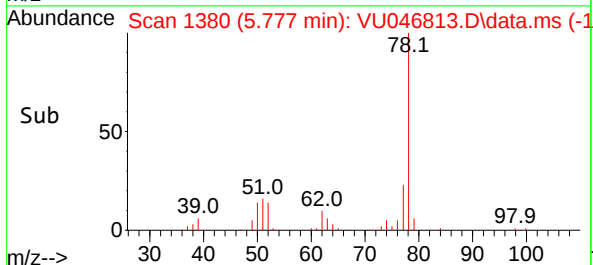
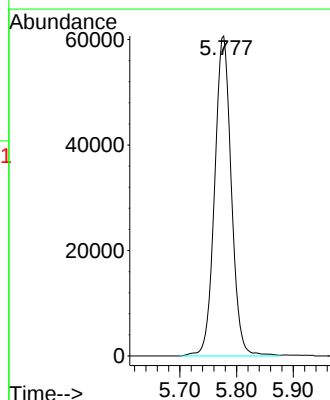
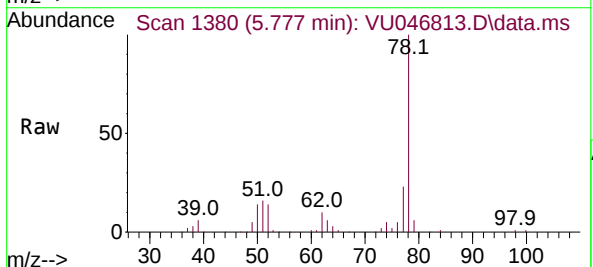
Instrument :
MSVOA_U
ClientSampleId :

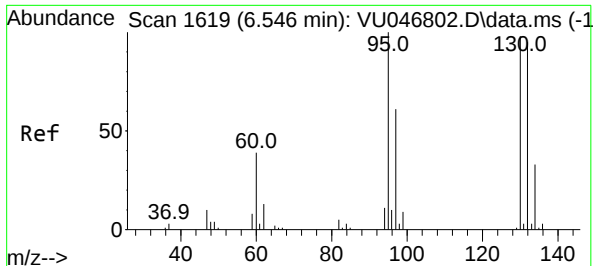
Tgt Ion:117 Resp: 41255
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3



#33
Benzene
Concen: 5.692 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 78 Resp: 124191

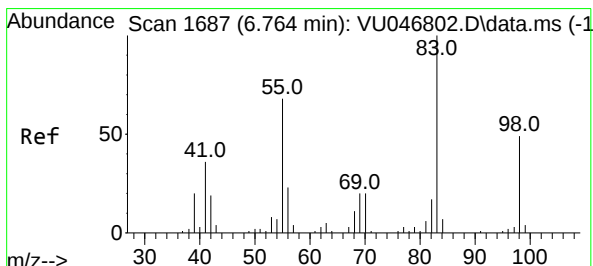
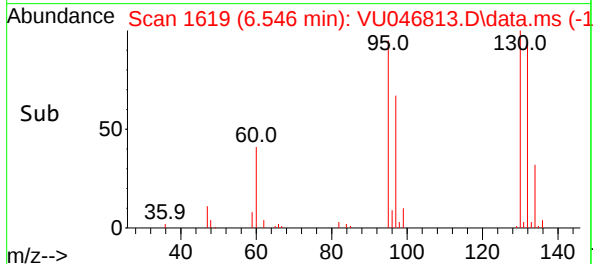
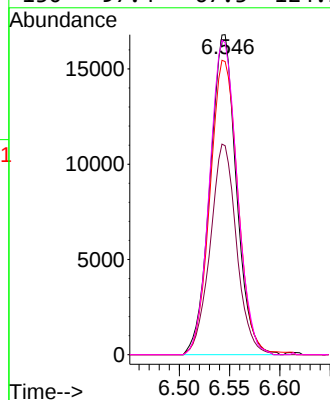
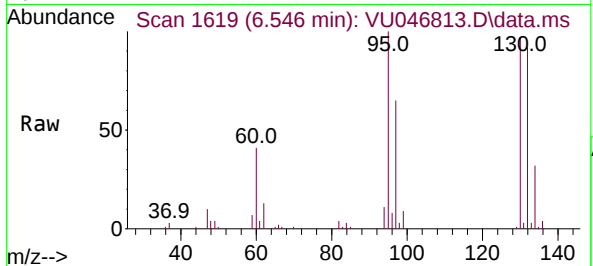




#34
Trichloroethene
Concen: 5.409 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

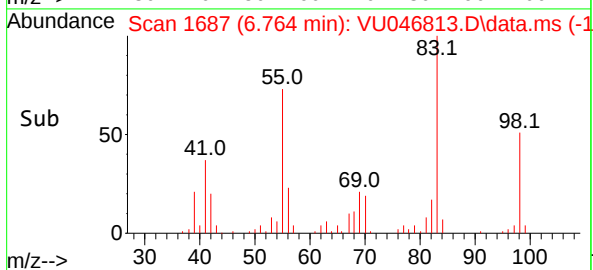
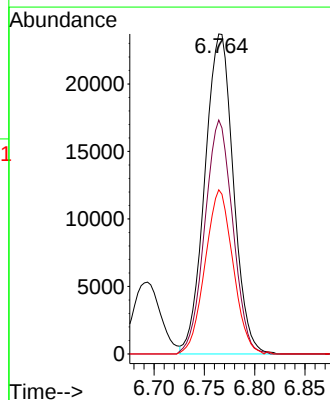
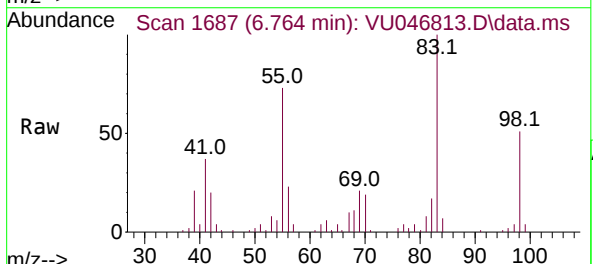
Instrument :
MSVOA_U
ClientSampleId :

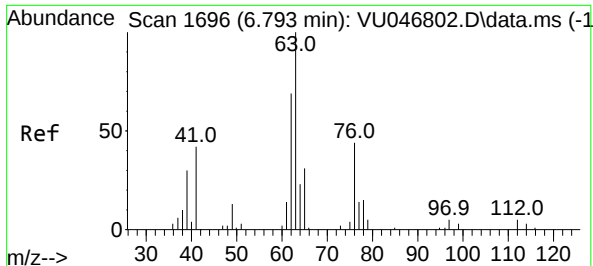
Tgt Ion: 95 Resp: 30640
Ion Ratio Lower Upper
95 100
97 65.3 46.5 86.5
132 91.6 65.1 120.9
130 97.4 67.3 124.9



#35
Methylcyclohexane
Concen: 4.927 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 83 Resp: 46751
Ion Ratio Lower Upper
83 100
55 71.7 61.9 92.9
98 50.2 39.0 58.6

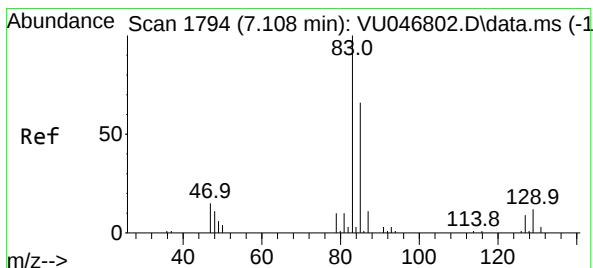
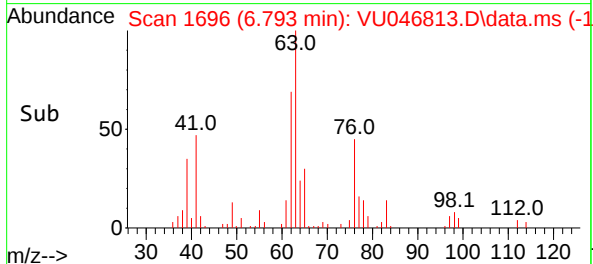
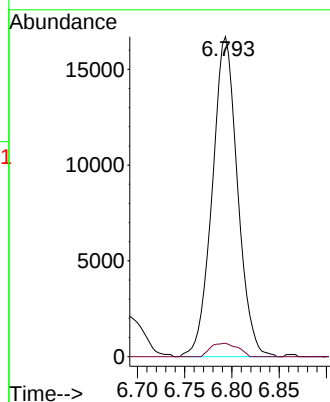
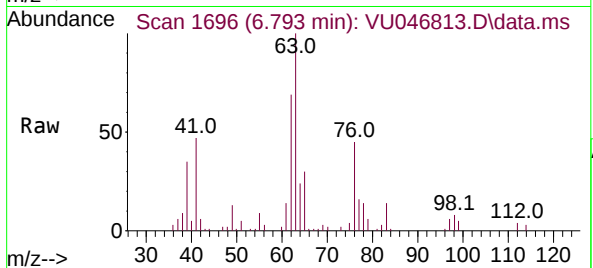




#37
1,2-Dichloropropane
Concen: 5.815 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

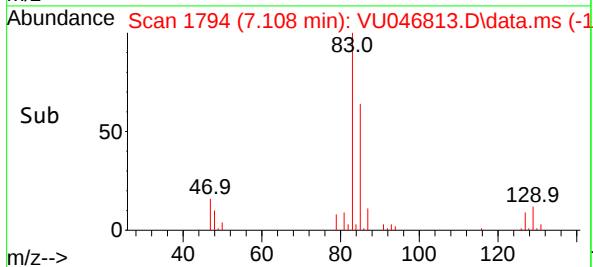
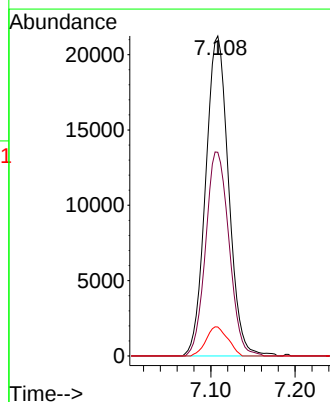
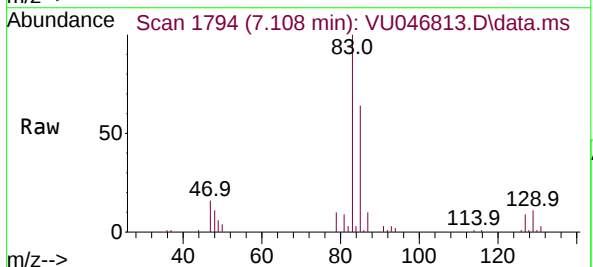
Instrument :
MSVOA_U
ClientSampleId :

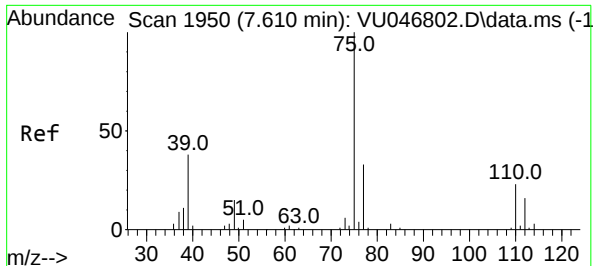
Tgt Ion: 63 Resp: 31127
Ion Ratio Lower Upper
63 100
112 4.5 3.2 4.8



#38
Bromodichloromethane
Concen: 5.216 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 83 Resp: 40176
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

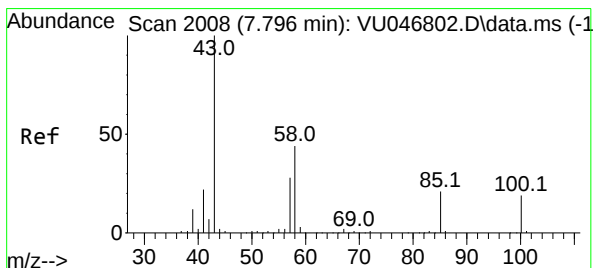
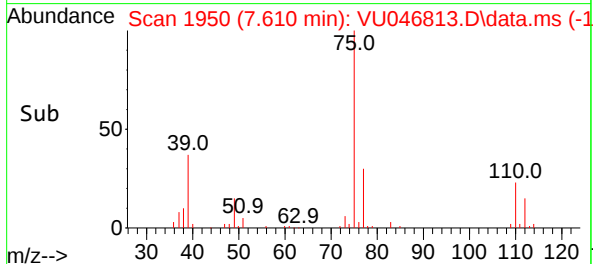
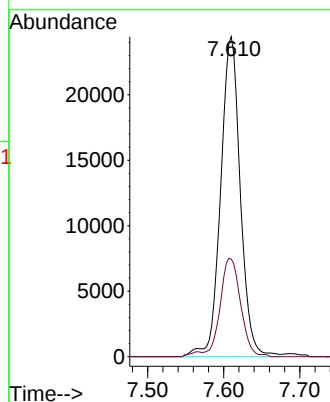
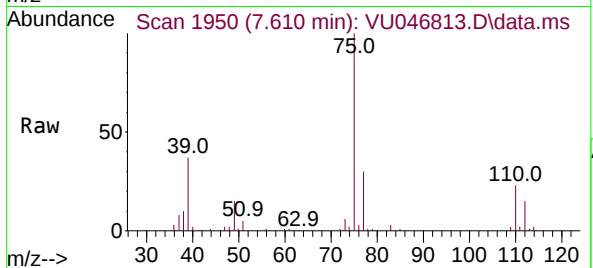
ClientSampleId :

Tgt Ion: 75 Resp: 43903

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.498 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

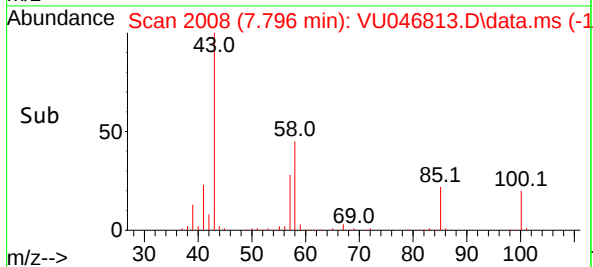
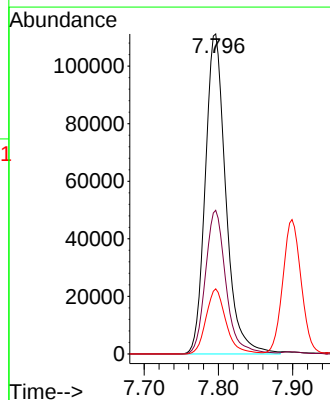
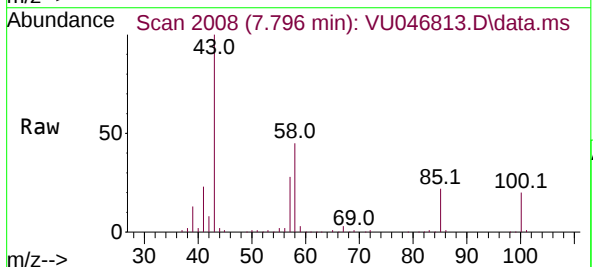
Tgt Ion: 43 Resp: 213844

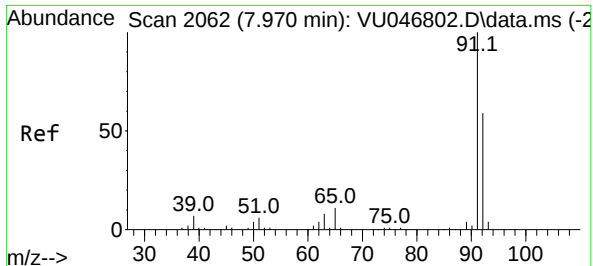
Ion Ratio Lower Upper

43 100

58 44.8 33.1 49.7

100 19.7 13.2 19.8





#42

Toluene

Concen: 5.152 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

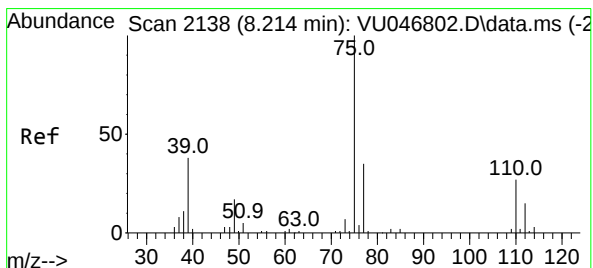
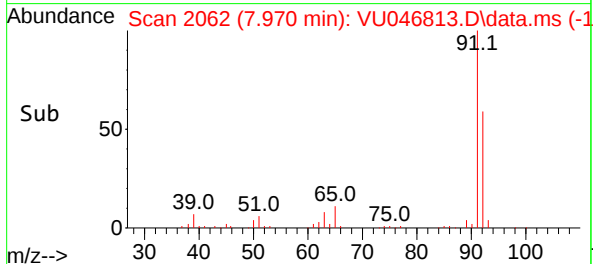
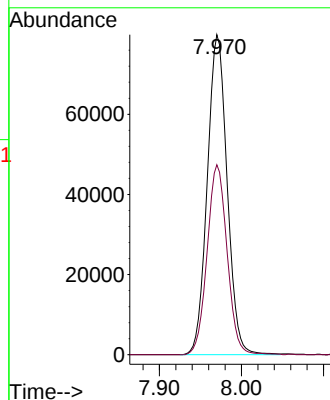
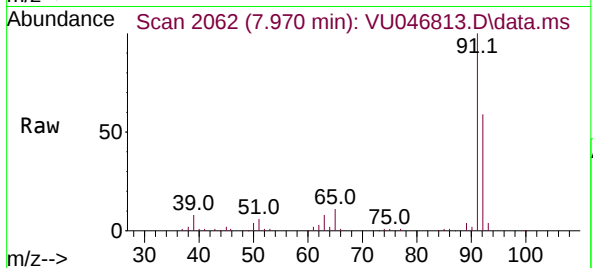
ClientSampleId :

Tgt Ion: 91 Resp: 134344

Ion Ratio Lower Upper

91 100

92 59.3 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.211 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046813.D

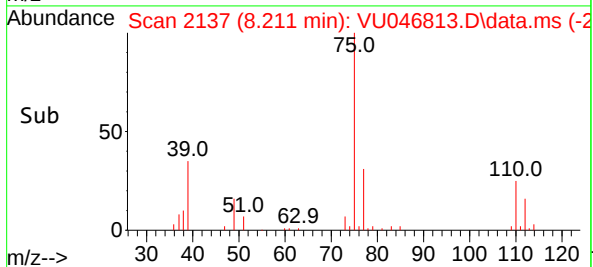
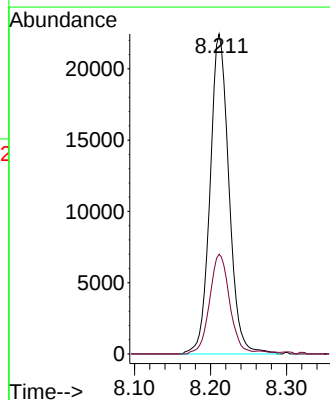
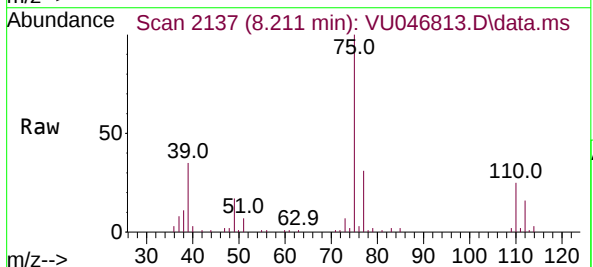
Acq: 20 Jan 2022 16:03

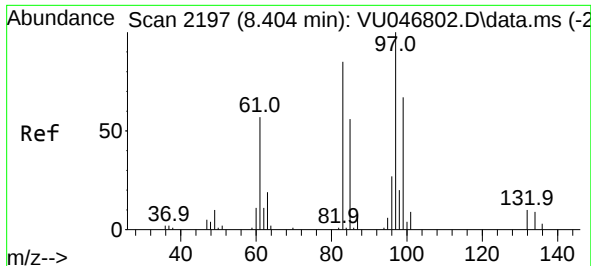
Tgt Ion: 75 Resp: 38772

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.3



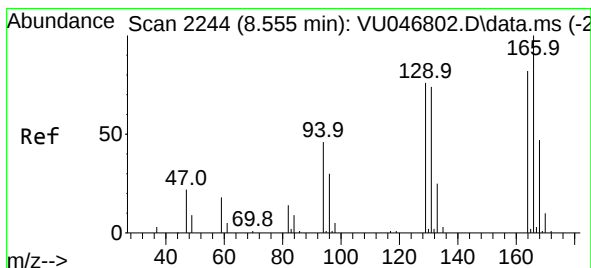
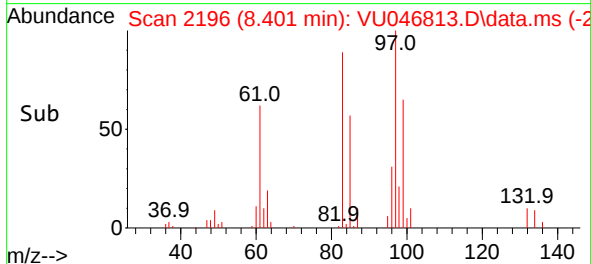
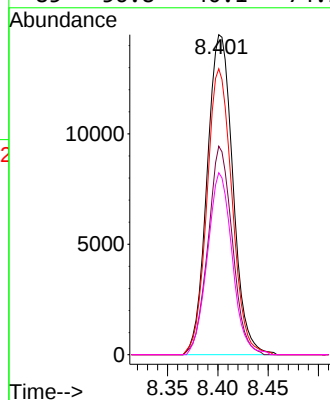
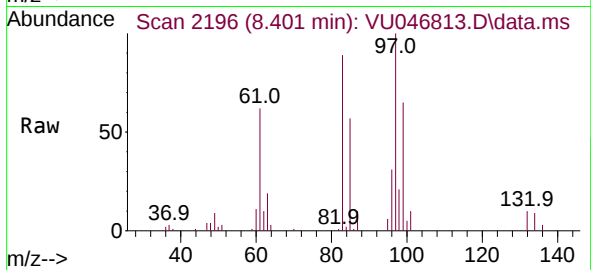


#45
1,1,2-Trichloroethane
Concen: 5.684 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 25881

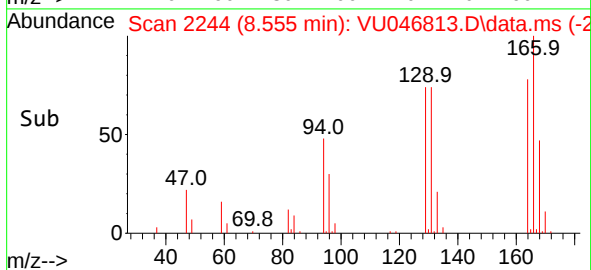
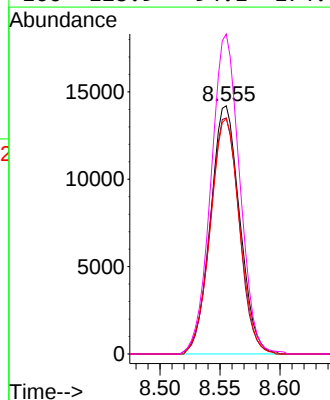
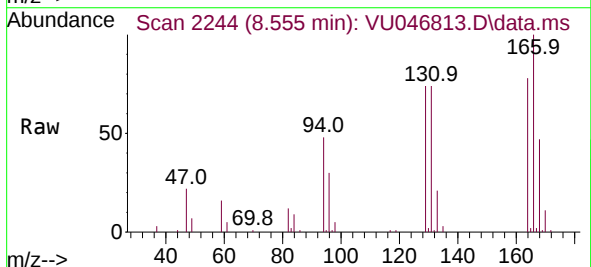
Ion	Ratio	Lower	Upper
97	100		
99	65.2	42.3	78.5
83	89.4	62.0	115.2
85	56.8	40.1	74.5

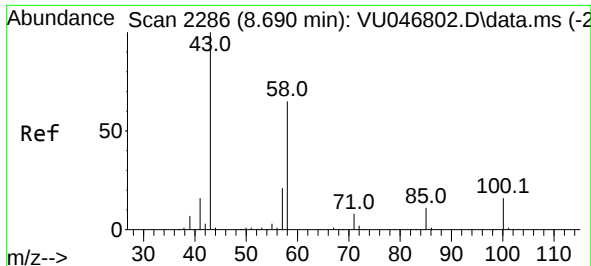


#47
Tetrachloroethene
Concen: 5.211 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 164 Resp: 24010

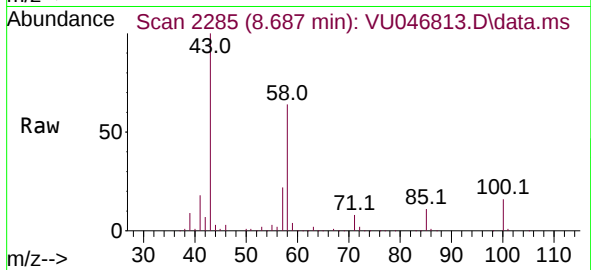
Ion	Ratio	Lower	Upper
164	100		
129	95.1	71.8	133.4
131	94.9	68.5	127.3
166	128.9	94.1	174.8



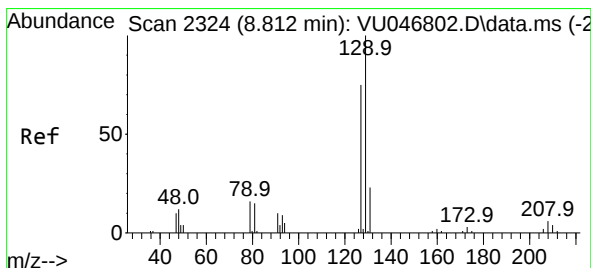
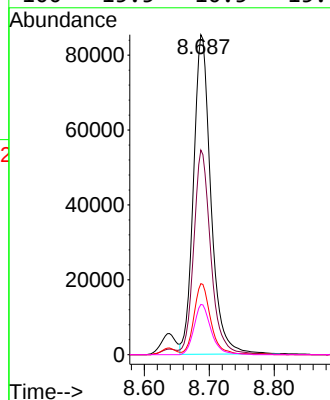
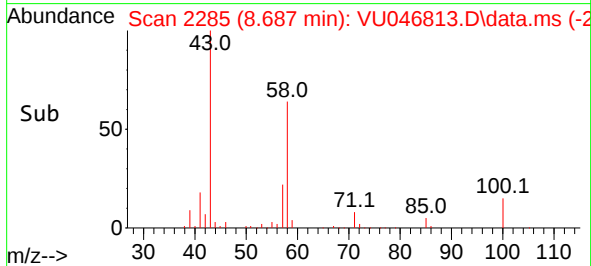


#48
2-Hexanone
Concen: 53.622 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Instrument :
MSVOA_U
ClientSampleId :

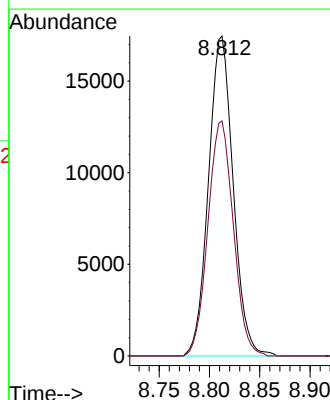
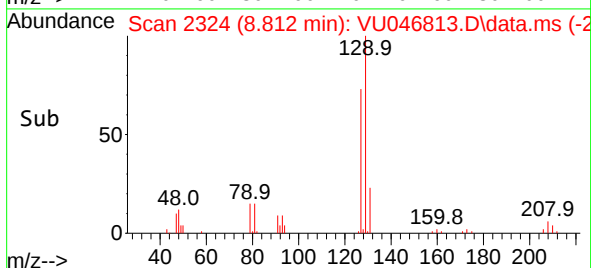
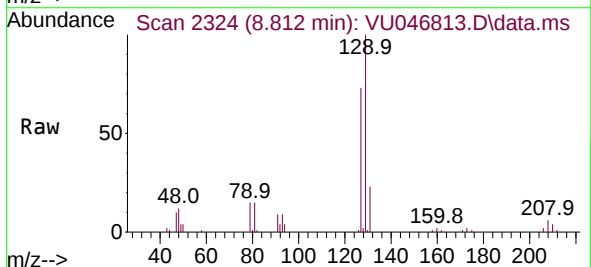


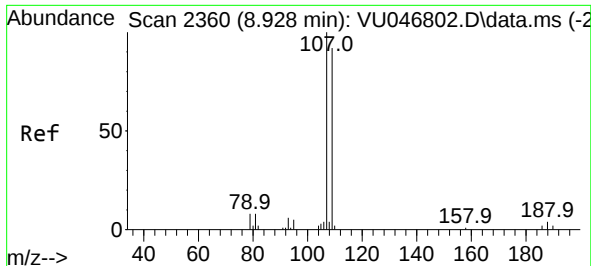
Tgt Ion:	43	Resp:	158821
Ion	Ratio	Lower	Upper
43	100		
58	62.7	46.7	70.1
57	21.2	16.3	24.5
100	15.5	10.5	15.7



#49
Dibromochloromethane
Concen: 5.551 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion:	129	Resp:	29818
Ion	Ratio	Lower	Upper
129	100		
127	73.5	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.579 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

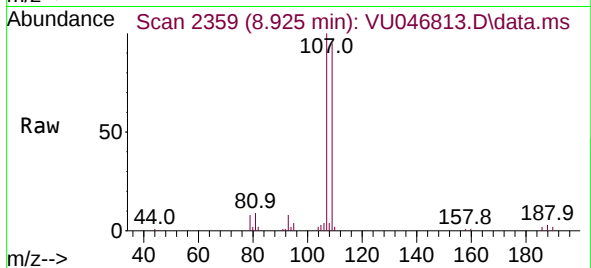
Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

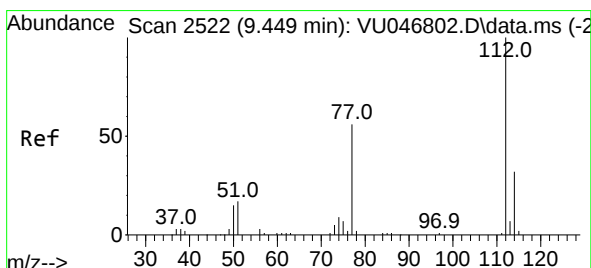
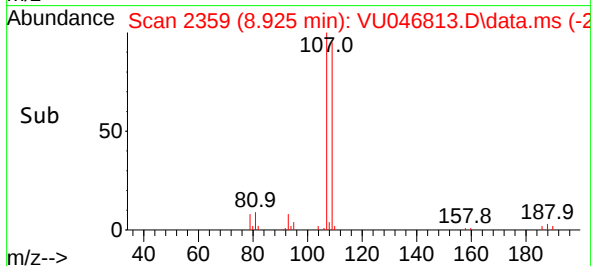
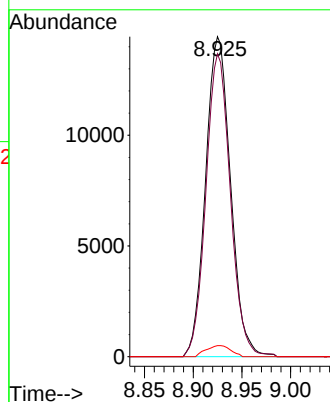
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	25750
Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.0	119.0
188	3.5	2.4	3.6



#51

Chlorobenzene

Concen: 5.562 ug/L

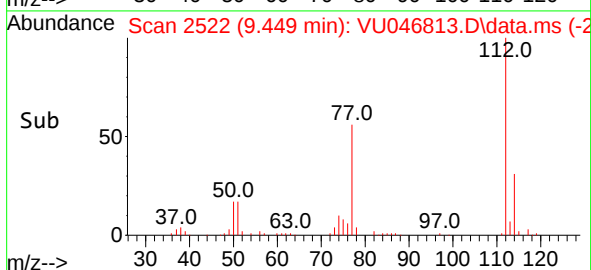
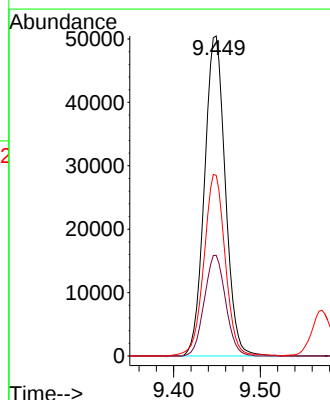
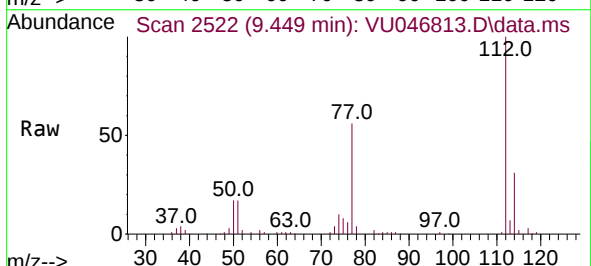
RT: 9.449 min Scan# 2522

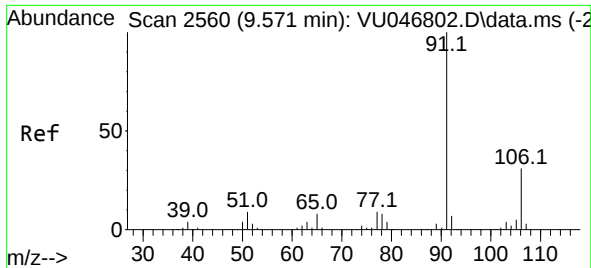
Delta R.T. -0.000 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Tgt Ion:	112	Resp:	84243
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.1	41.1
77	56.5	48.3	72.5

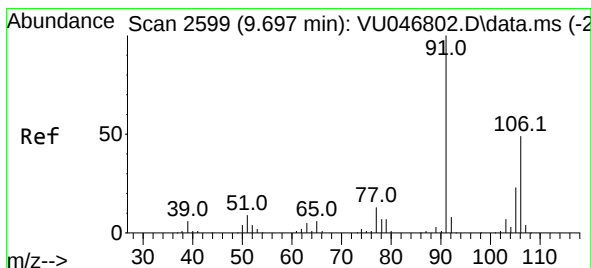
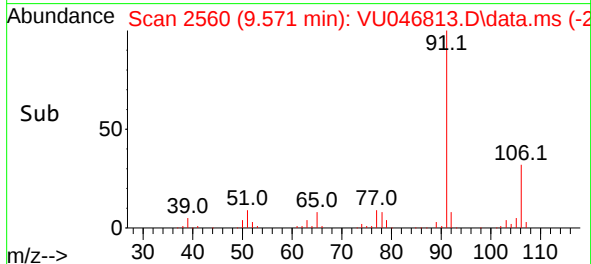
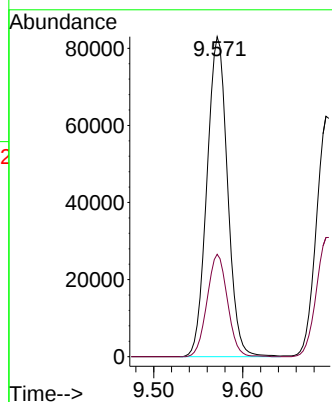
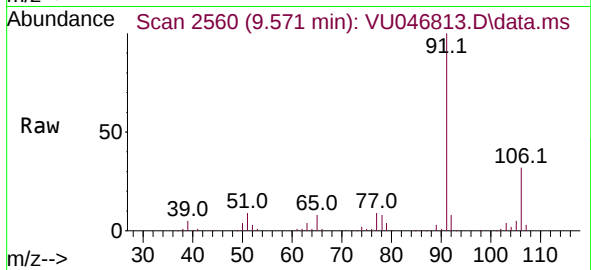




#52
Ethylbenzene
Concen: 5.368 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

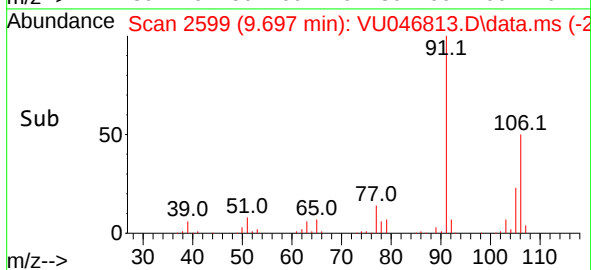
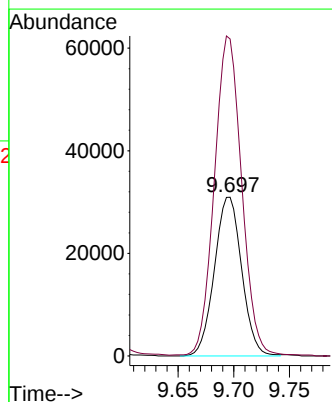
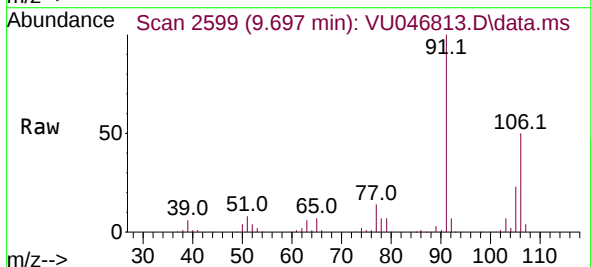
Instrument :
MSVOA_U
ClientSampleId :

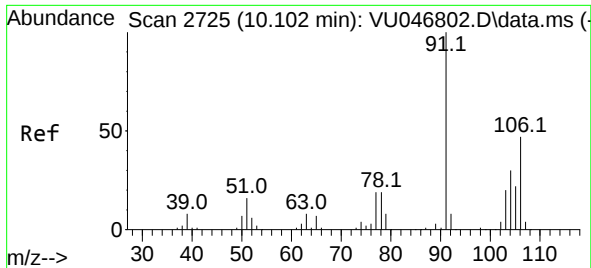
Tgt Ion: 91 Resp: 133095
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.328 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 106 Resp: 52664
Ion Ratio Lower Upper
106 100
91 199.7 139.4 259.0

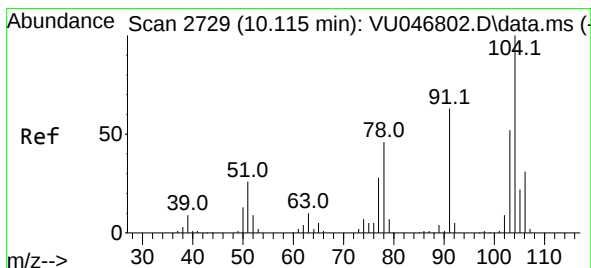
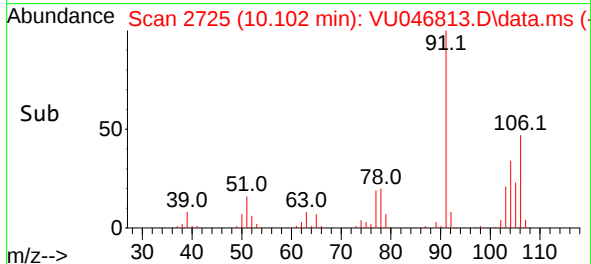
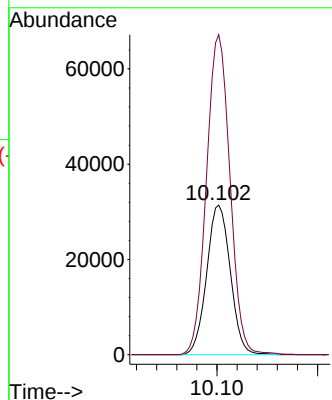
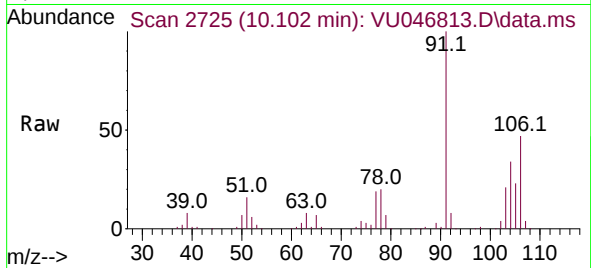




#54
o-Xylene
Concen: 5.356 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

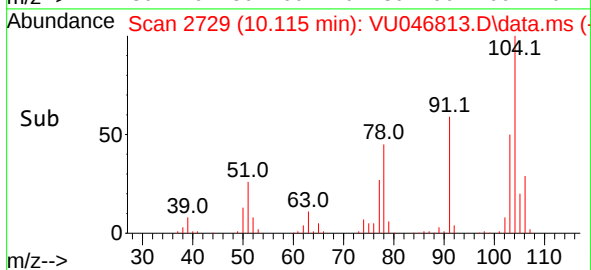
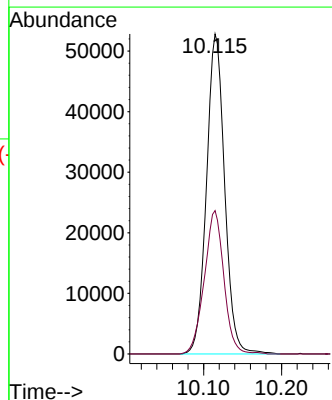
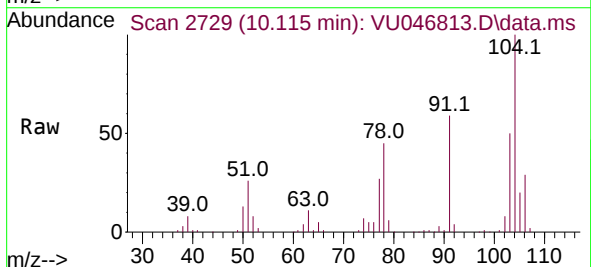
Instrument :
MSVOA_U
ClientSampleId :

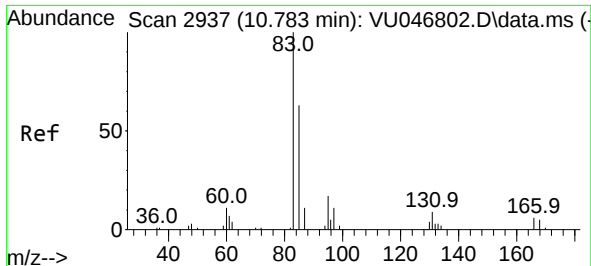
Tgt Ion:106 Resp: 51318
Ion Ratio Lower Upper
106 100
91 213.8 147.5 273.9



#55
Styrene
Concen: 5.463 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion:104 Resp: 85623
Ion Ratio Lower Upper
104 100
78 44.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.546 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

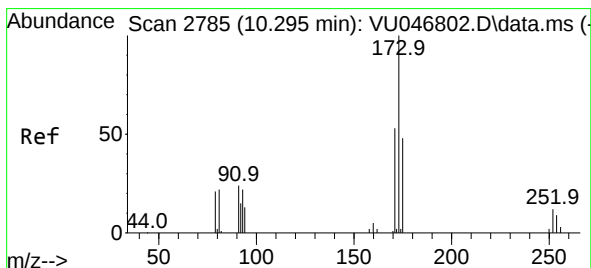
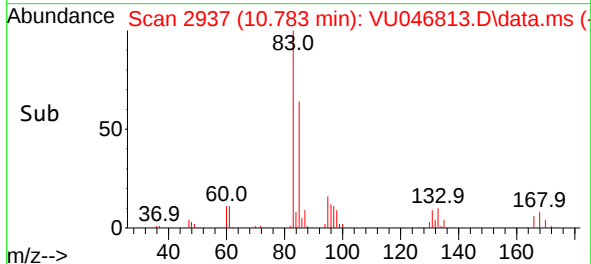
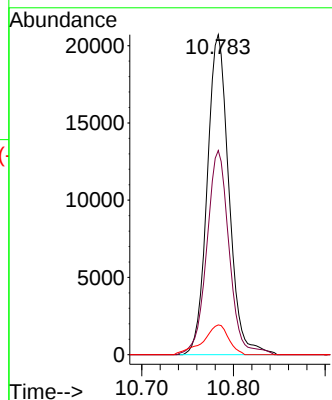
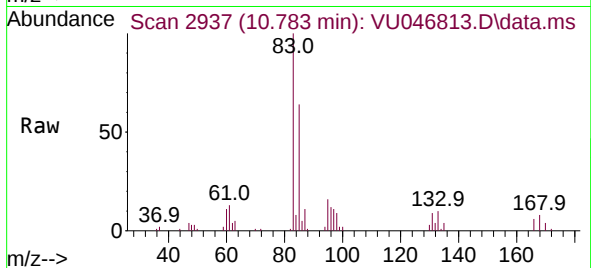
Tgt Ion: 83 Resp: 33963

Ion Ratio Lower Upper

83 100

85 63.8 47.9 89.1

131 9.3 8.1 12.1



#59

Bromoform

Concen: 6.183 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

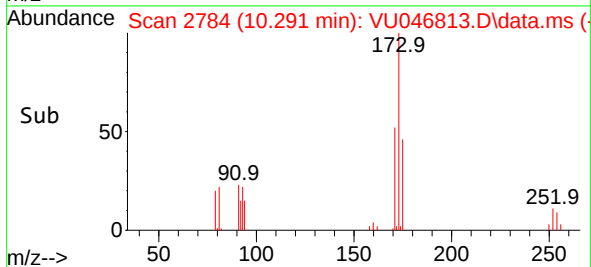
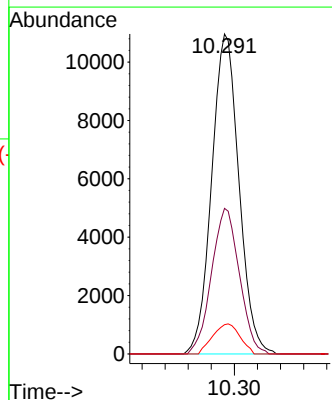
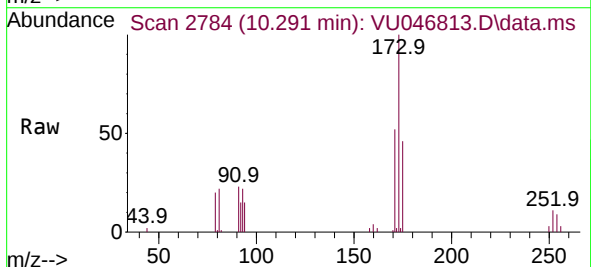
Tgt Ion:173 Resp: 17953

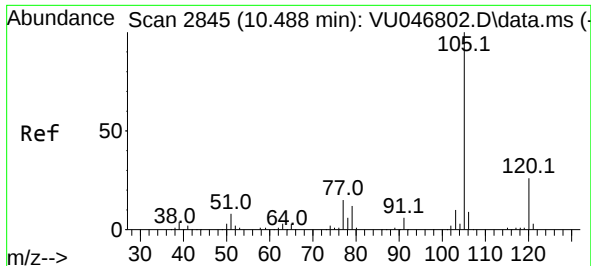
Ion Ratio Lower Upper

173 100

175 46.4 37.8 56.6

254 9.4 7.3 10.9

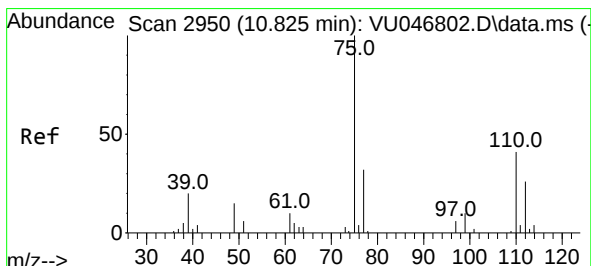
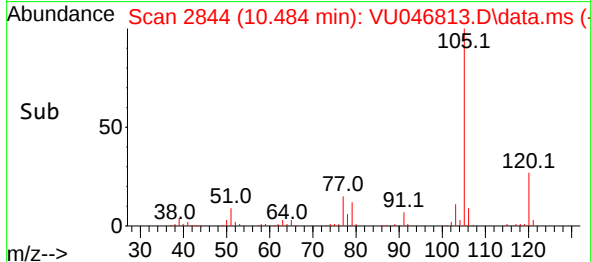
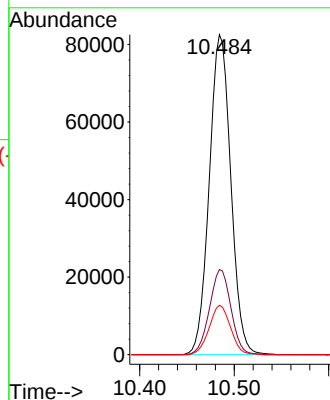
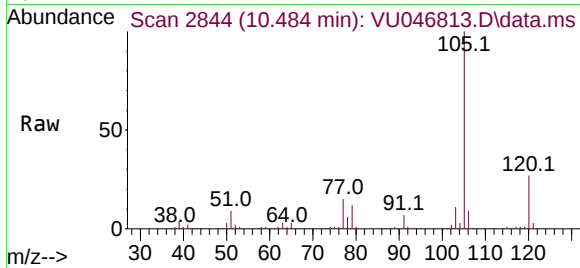




#60
Isopropylbenzene
Concen: 5.943 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

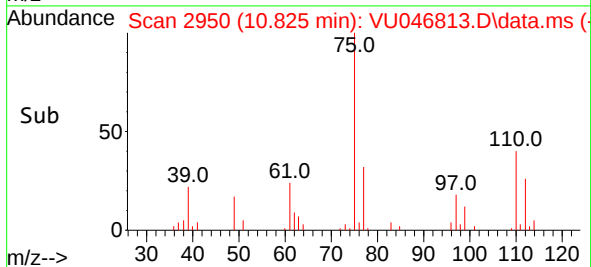
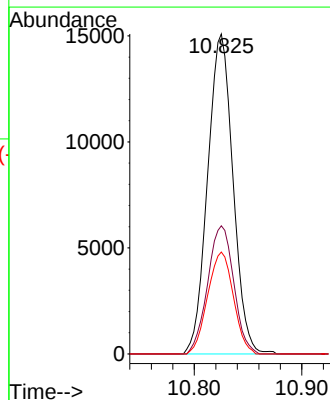
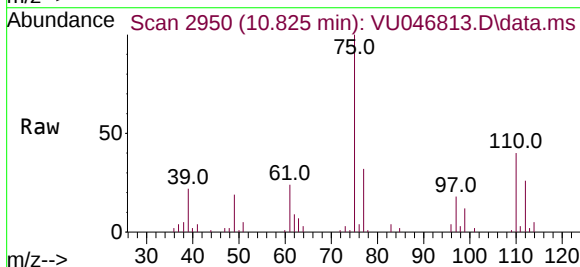
Instrument :
MSVOA_U
ClientSampleId :

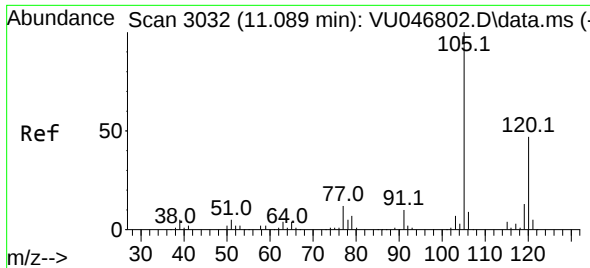
Tgt Ion:105 Resp: 130538
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.186 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion: 75 Resp: 24713
Ion Ratio Lower Upper
75 100
110 41.2 29.9 44.9
77 32.3 25.5 38.3

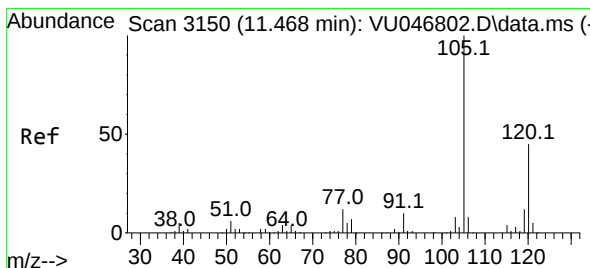
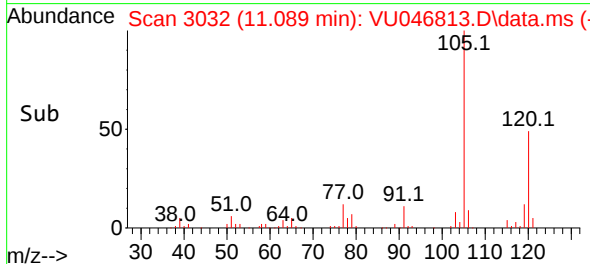
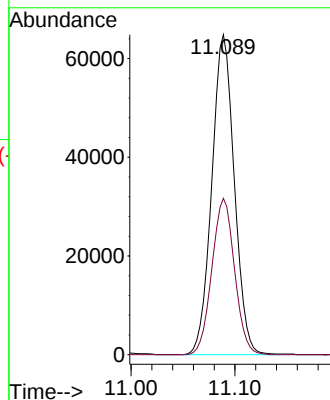
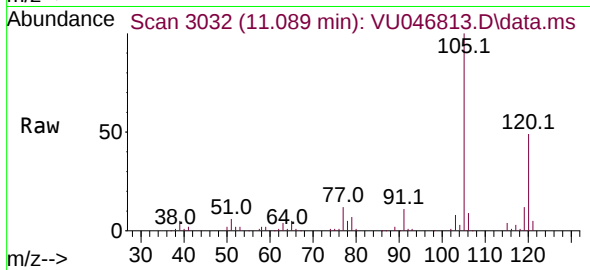




#62
 1,3,5-Trimethylbenzene
 Concen: 5.415 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

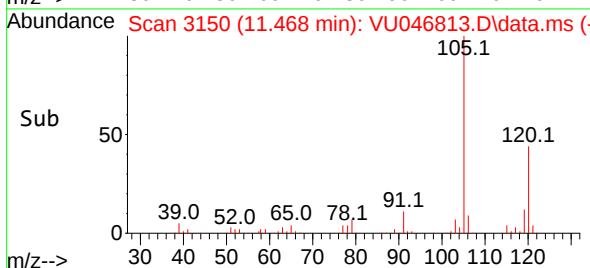
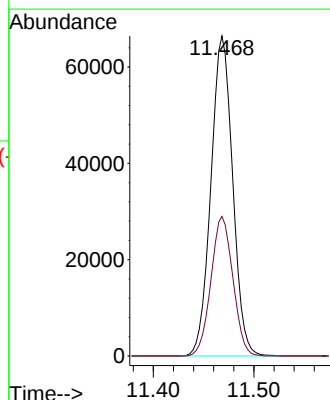
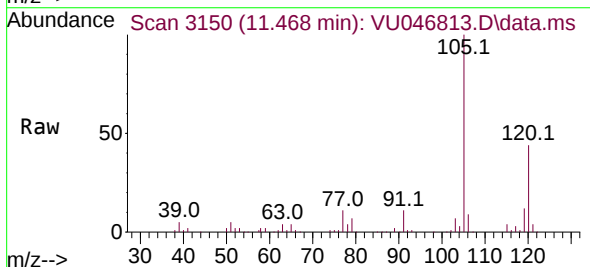
Instrument :
 MSVOA_U
 ClientSampleId :

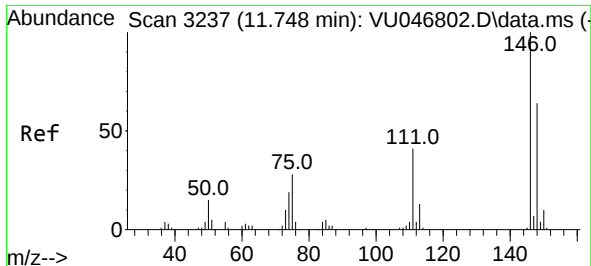
Tgt Ion:105 Resp: 97629
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.379 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

Tgt Ion:105 Resp: 99782
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.8 53.8

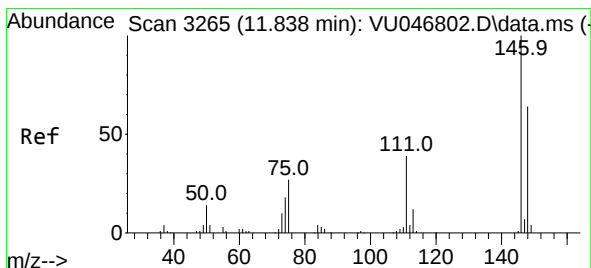
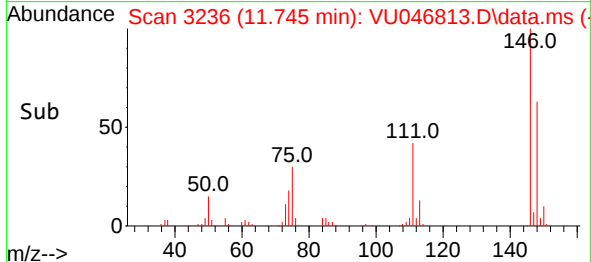
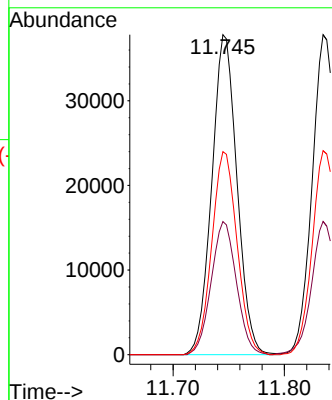
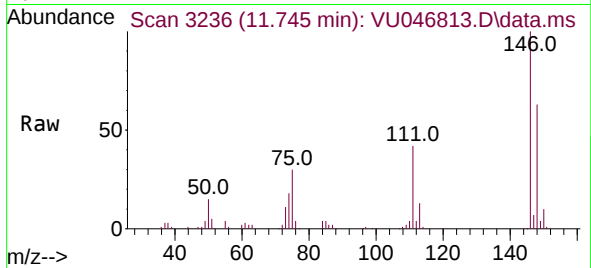




#64
1,3-Dichlorobenzene
Concen: 5.417 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

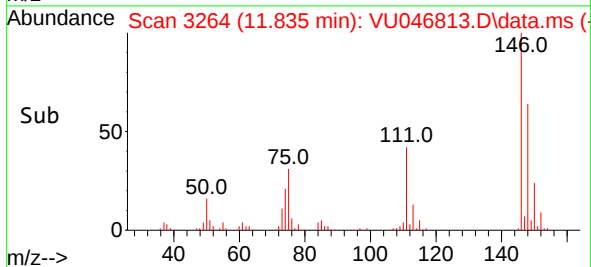
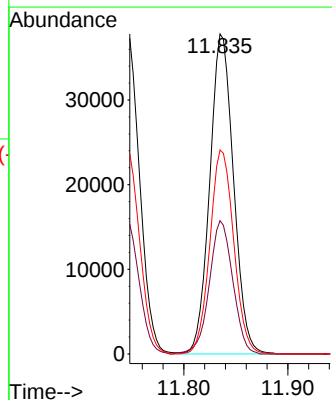
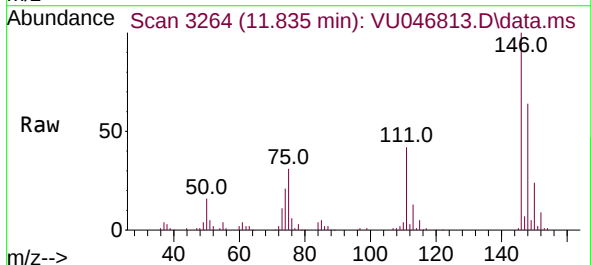
Instrument :
MSVOA_U
ClientSampleId :

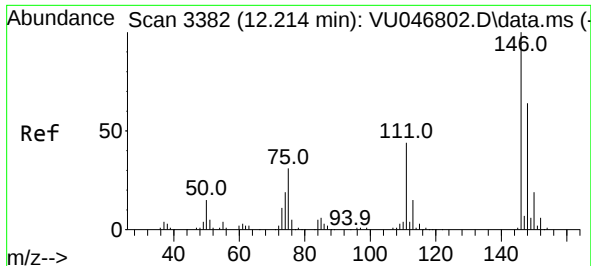
Tgt Ion:146 Resp: 59467
Ion Ratio Lower Upper
146 100
111 41.6 29.9 55.5
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.440 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion:146 Resp: 60101
Ion Ratio Lower Upper
146 100
111 41.6 28.7 53.3
148 63.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.519 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

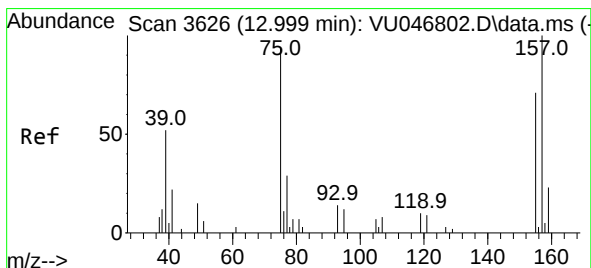
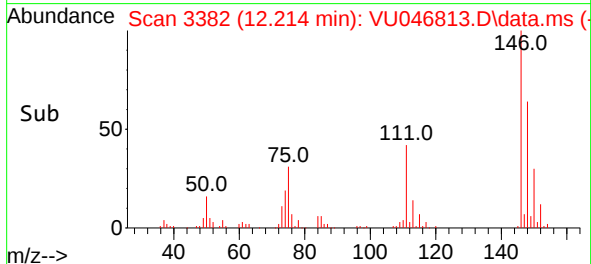
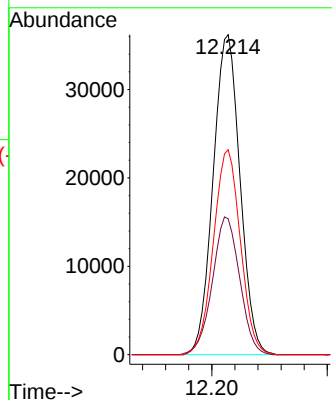
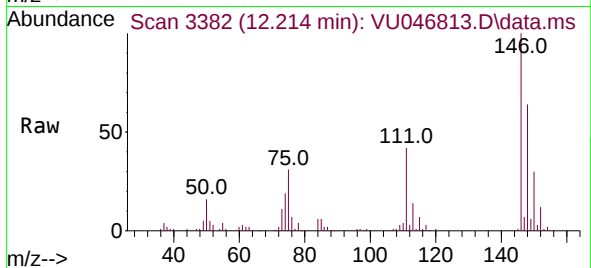
Tgt Ion:146 Resp: 58604

Ion Ratio Lower Upper

146 100

111 42.5 35.4 53.0

148 64.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.423 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046813.D

Acq: 20 Jan 2022 16:03

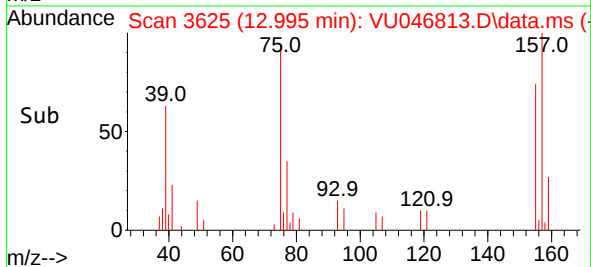
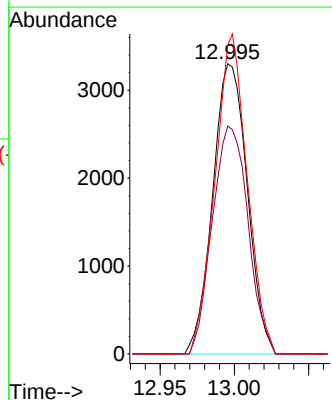
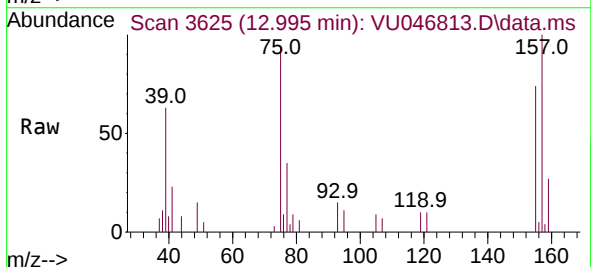
Tgt Ion: 75 Resp: 5326

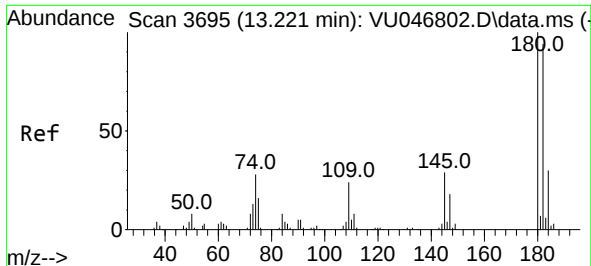
Ion Ratio Lower Upper

75 100

155 78.5 59.2 88.8

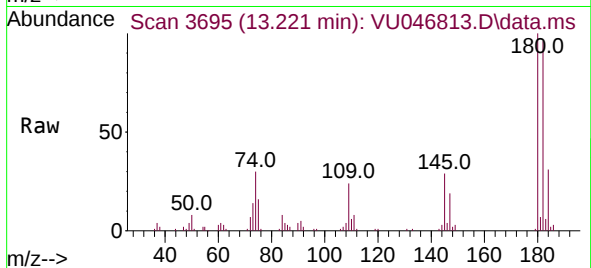
157 106.4 76.5 114.7



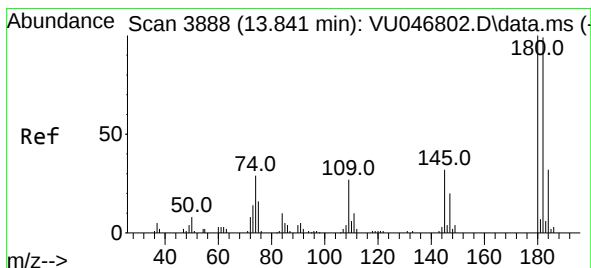
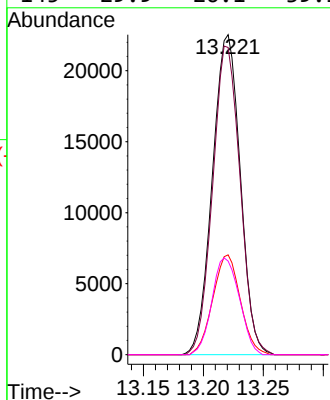
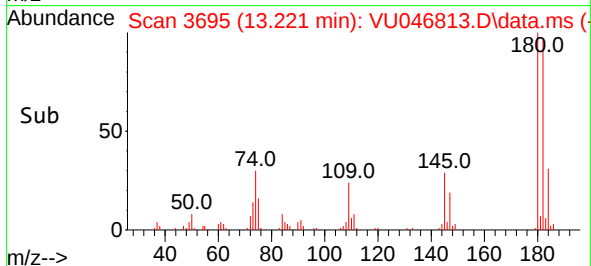


#69
 1,3,5-Trichlorobenzene
 Concen: 4.194 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03

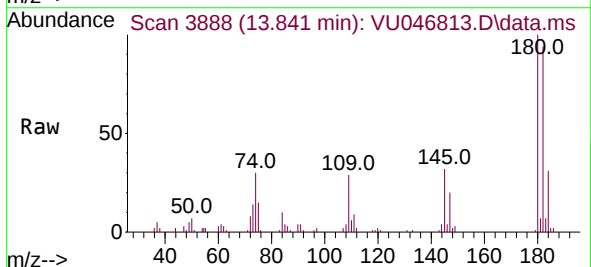
Instrument :
 MSVOA_U
 ClientSampleId :



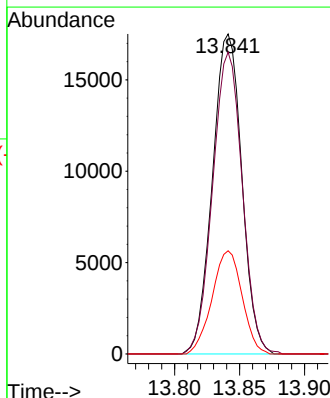
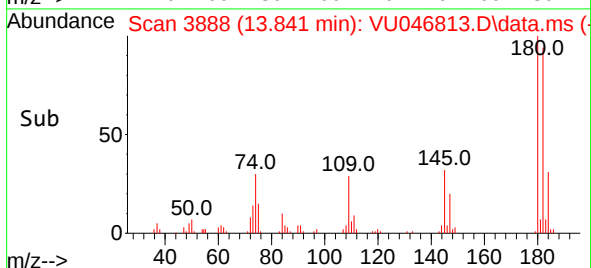
Tgt Ion:180 Resp: 36300
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.1 114.1
 184 30.9 25.0 37.4
 145 29.9 26.1 39.1

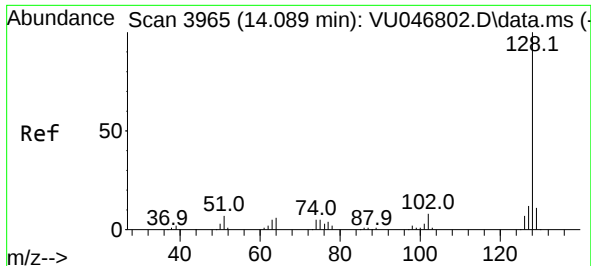


#70
 1,2,4-trichlorobenzene
 Concen: 3.792 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046813.D
 Acq: 20 Jan 2022 16:03



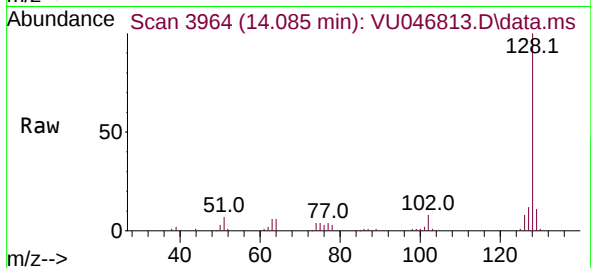
Tgt Ion:180 Resp: 27436
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 145 33.0 25.6 38.4



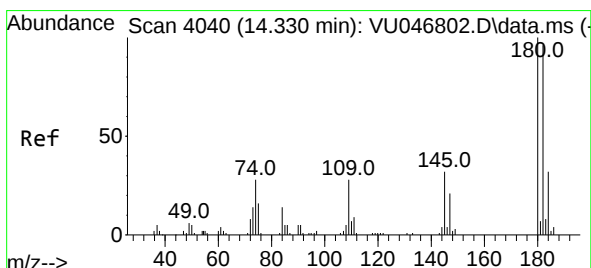
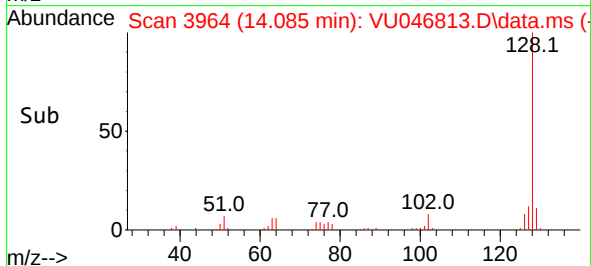
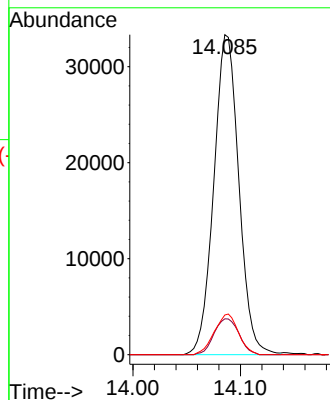


#71
Naphthalene
Concen: 3.662 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 53949
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 12.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.100 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046813.D
Acq: 20 Jan 2022 16:03

Tgt Ion:180 Resp: 28020
Ion Ratio Lower Upper
180 100
182 96.7 76.2 114.4
145 33.7 28.4 42.6

