

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048446.D
 Acq On : 05 May 2022 18:45
 Operator : SY/MD
 Sample : N2710-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MS

Quant Time: May 06 05:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340246	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	136859	43.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.887	69	105500	48.037	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	2.565	63	249834	49.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.660%
21) 2-Butanone-d5	4.620	46	252028	94.443	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.063	84	267461	47.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
26) 1,2-Dichloroethane-d4	5.700	65	152364	45.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
32) Benzene-d6	5.726	84	552029	49.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
36) 1,2-Dichloropropane-d6	6.690	67	177890	48.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	7.899	98	506891	50.373	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
43) trans-1,3-Dichloroprop...	8.179	79	77395	47.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.580%
47) 2-Hexanone-d5	8.636	63	196224	99.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	320496	49.791	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	239940	49.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	166467	64.748	ug/L	100
3) Chloromethane	1.520	50	190931	64.883	ug/L	99
5) Vinyl chloride	1.604	62	208800	70.412	ug/L	99
6) Bromomethane	1.829	94	82571	60.587	ug/L	99
8) Chloroethane	1.912	64	129828	77.429	ug/L	99
9) Trichlorofluoromethane	2.125	101	291845	75.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	198899	77.600	ug/L	98
12) 1,1-Dichloroethene	2.575	96	172825	77.246	ug/L	87
13) Acetone	2.626	43	246419	143.837	ug/L	96
14) Carbon disulfide	2.787	76	323893	59.400	ug/L	100
15) Methyl Acetate	2.944	43	267083	78.536	ug/L	99
16) Methylene chloride	3.044	84	242756	84.161	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	183885	79.117	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	728447	94.990	ug/L	98
19) 1,1-Dichloroethane	3.867	63	408075	83.961	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	250776	89.511	ug/L	93
22) 2-Butanone	4.700	43	437298	172.618	ug/L	97
23) Bromochloromethane	4.973	128	139421	89.135	ug/L	95
25) Chloroform	5.086	83	432489	87.142	ug/L	99

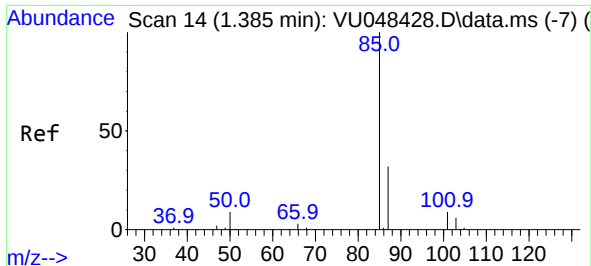
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
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 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	294077	81.235	ug/L	97
29) Cyclohexane	5.388	56	268832	80.834	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	346571	87.068	ug/L	98
31) Carbon tetrachloride	5.523	117	287489	84.740	ug/L	100
33) Benzene	5.774	78	907852	87.113	ug/L	100
34) Trichloroethene	6.542	95	218448	85.517	ug/L	97
35) Methylcyclohexane	6.761	83	290899	81.114	ug/L	97
37) 1,2-Dichloropropane	6.790	63	263936	89.014	ug/L	99
38) Bromodichloromethane	7.105	83	327979	87.589	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	374920	89.921	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	879810	196.731	ug/L	98
42) Toluene	7.970	91	980532	89.616	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	364250	89.426	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	284773	91.540	ug/L	98
46) Tetrachloroethene	8.552	164	186318	84.987	ug/L	98
48) 2-Hexanone	8.687	43	711211	190.441	ug/L	97
49) Dibromochloromethane	8.812	129	311779	91.205	ug/L	99
50) 1,2-Dibromoethane	8.925	107	282868	89.665	ug/L	98
51) Chlorobenzene	9.446	112	712038	90.283	ug/L	98
52) Ethylbenzene	9.571	91	1072199	94.622	ug/L	98
53) m,p-Xylene	9.693	106	445644	99.661	ug/L	95
54) o-Xylene	10.102	106	462859	102.749	ug/L	96
55) Styrene	10.115	104	802772	104.608	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	575276	93.697	ug/L	100
59) Bromoform	10.291	173	278296	89.688	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	436783	87.569	ug/L	100
61) Isopropylbenzene	10.484	105	1156852	96.770	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	638337	101.309	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	988812	102.073	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	621486	92.728	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	611161	89.321	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	650713	92.164	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	116267	87.318	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	464815	93.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	380597	96.733	ug/L	99
71) Naphthalene	14.086	128	1214003	107.817	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	399582	99.097	ug/L	98

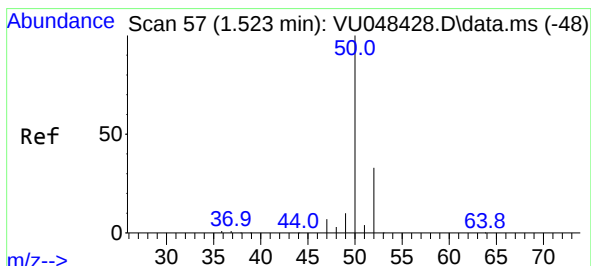
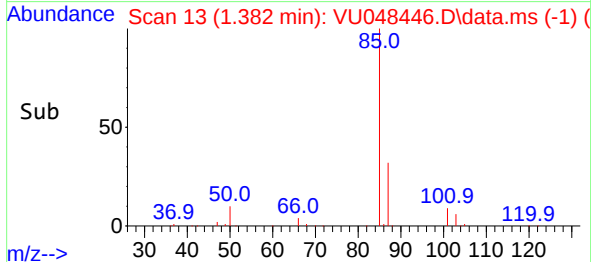
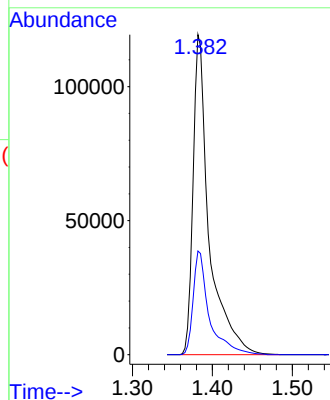
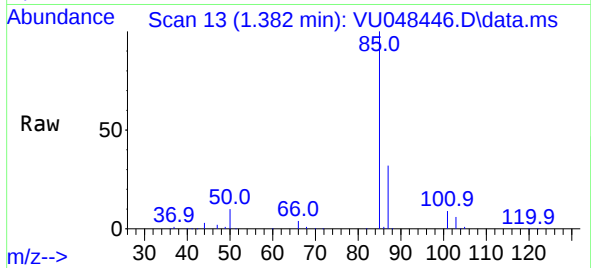
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 64.748 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

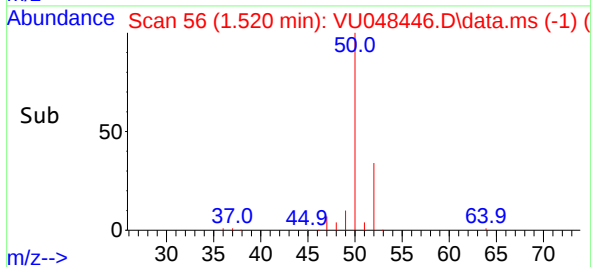
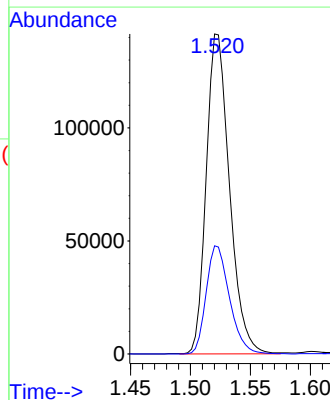
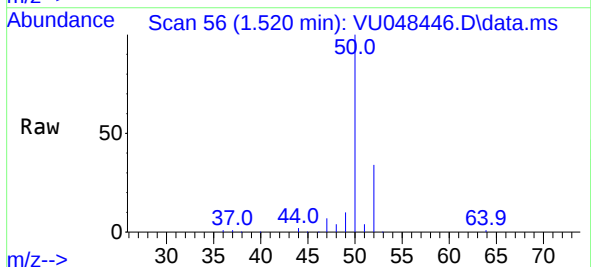
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

Tgt Ion: 85 Resp: 166467
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1

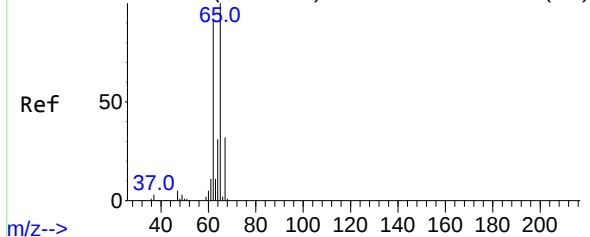


#3
Chloromethane
Concen: 64.883 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 50 Resp: 190931
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2



Abundance Scan 82 (1.604 min): VU048428.D\data.ms (-74)



#5

Vinyl chloride

Concen: 70.412 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

EXL87MS

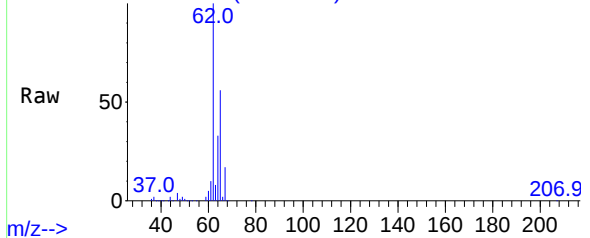
Tgt Ion: 62 Resp: 208800

Ion Ratio Lower Upper

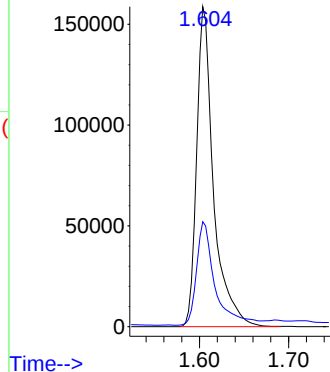
62 100

64 32.8 22.5 41.7

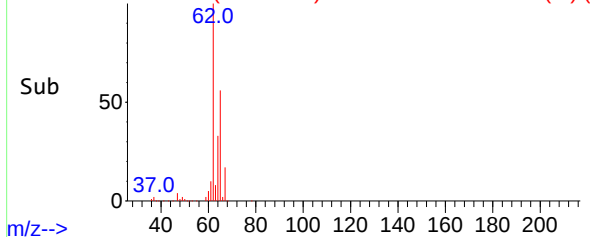
Abundance Scan 82 (1.604 min): VU048446.D\data.ms



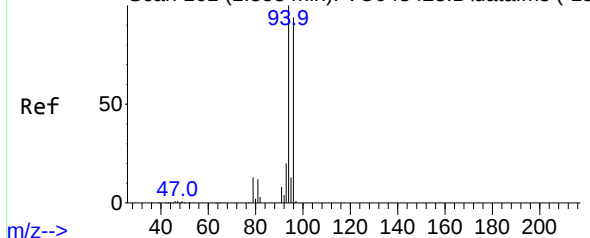
Abundance



Abundance Scan 82 (1.604 min): VU048446.D\data.ms (-1)



Abundance Scan 161 (1.858 min): VU048428.D\data.ms (-15)



#6

Bromomethane

Concen: 60.587 ug/L

RT: 1.829 min Scan# 152

Delta R.T. -0.029 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

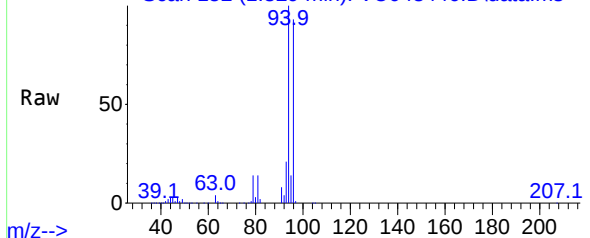
Tgt Ion: 94 Resp: 82571

Ion Ratio Lower Upper

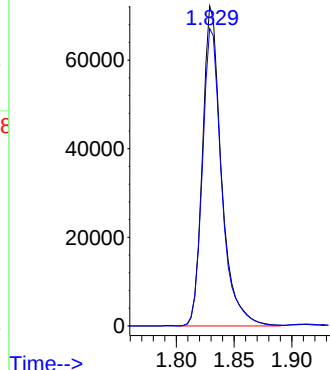
94 100

96 93.0 65.8 122.2

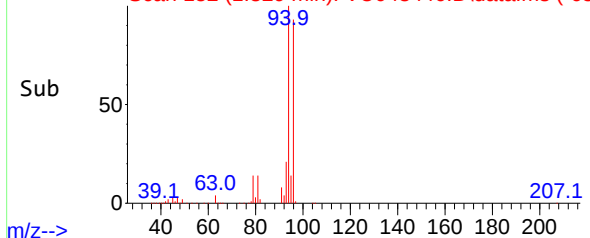
Abundance Scan 152 (1.829 min): VU048446.D\data.ms

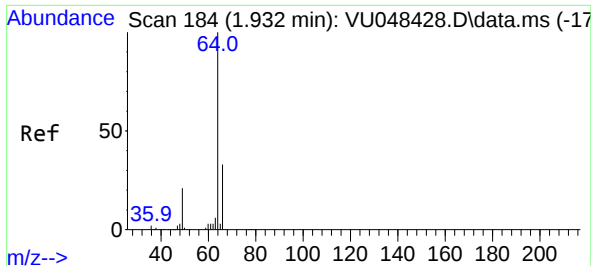


Abundance



Abundance Scan 152 (1.829 min): VU048446.D\data.ms (-68)

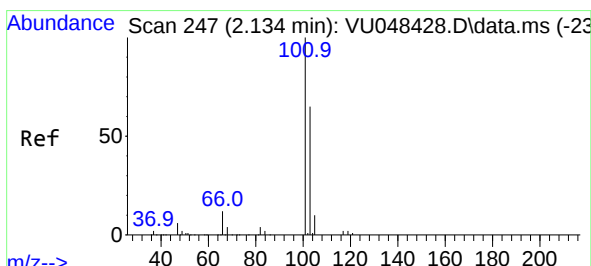
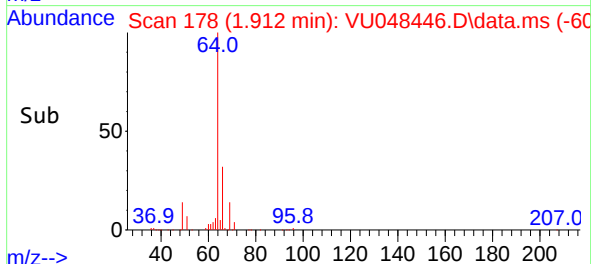
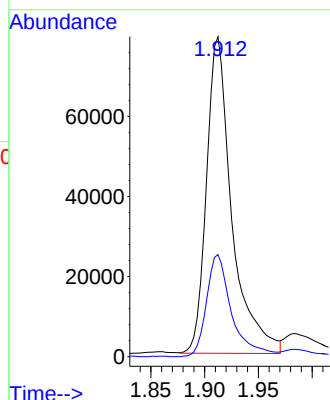
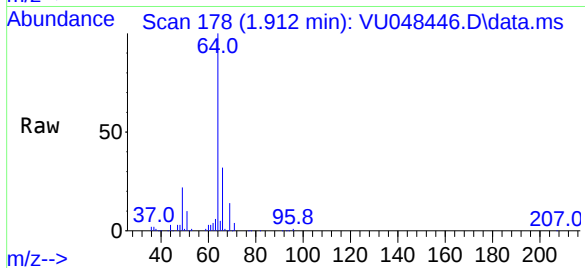




#8
Chloroethane
Concen: 77.429 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

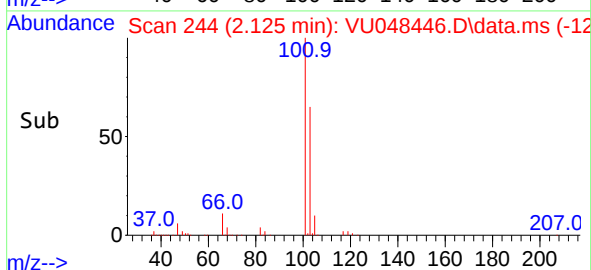
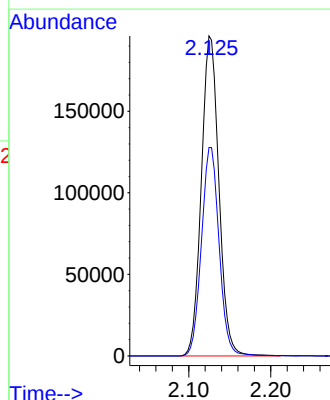
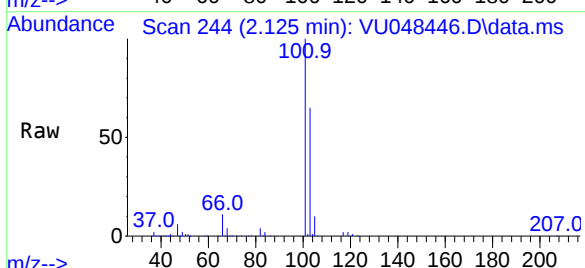
Instrument :
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ClientSampleId :
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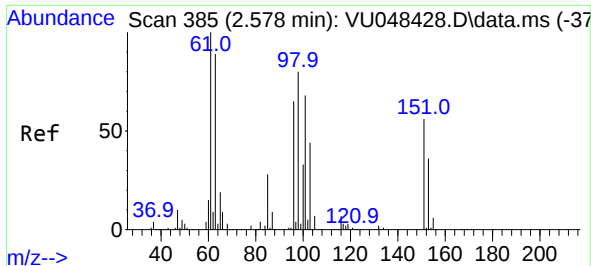
Tgt Ion: 64 Resp: 129828
Ion Ratio Lower Upper
64 100
66 31.9 21.9 40.7



#9
Trichlorofluoromethane
Concen: 75.519 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.010 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:101 Resp: 291845
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

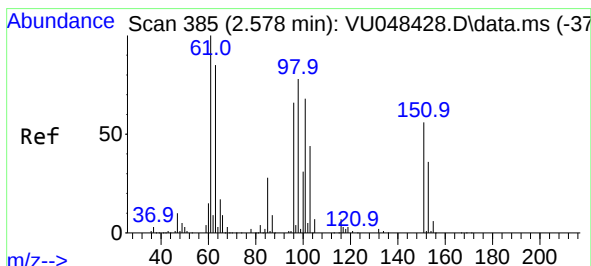
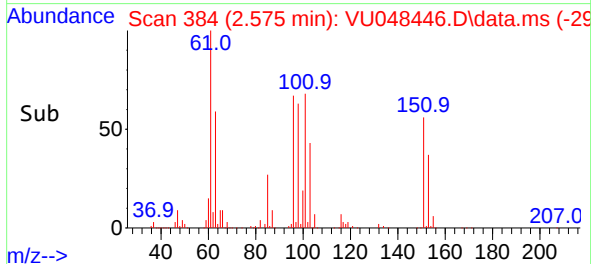
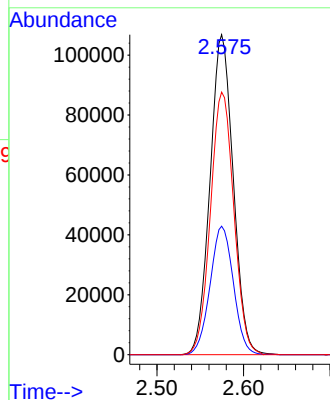
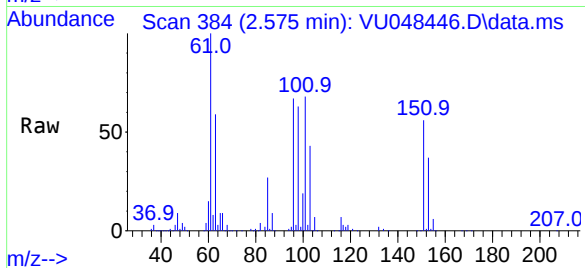




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 77.600 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

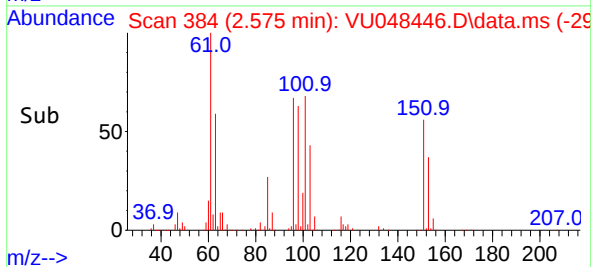
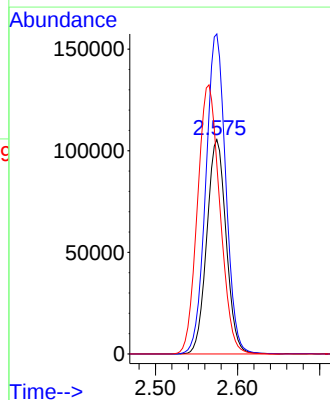
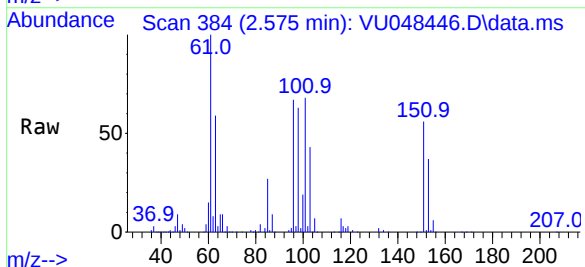
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ClientSampleId :
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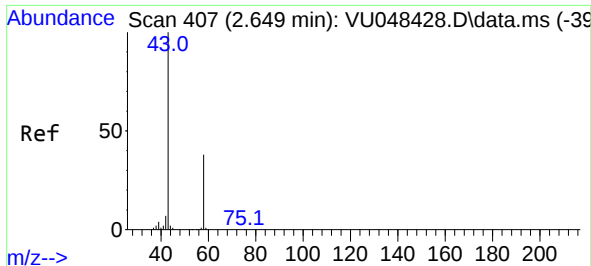
Tgt Ion:101 Resp: 198899
Ion Ratio Lower Upper
101 100
85 40.3 32.6 48.8
151 82.7 64.1 96.1



#12
1,1-Dichloroethene
Concen: 77.246 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 96 Resp: 172825
Ion Ratio Lower Upper
96 100
61 149.3 107.9 200.3
63 88.3 80.3 149.1

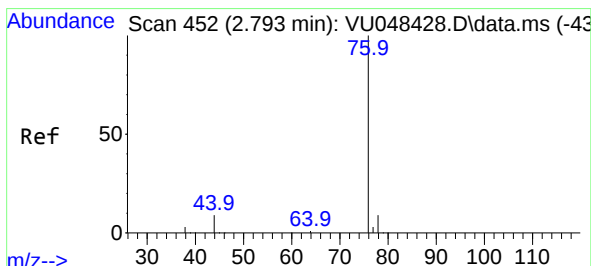
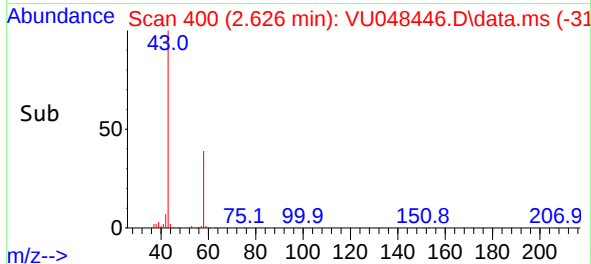
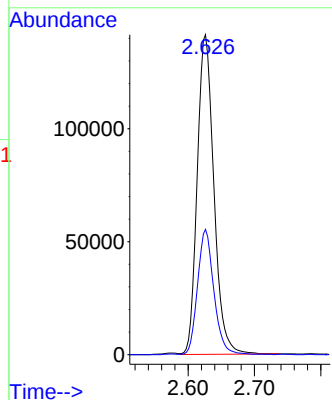
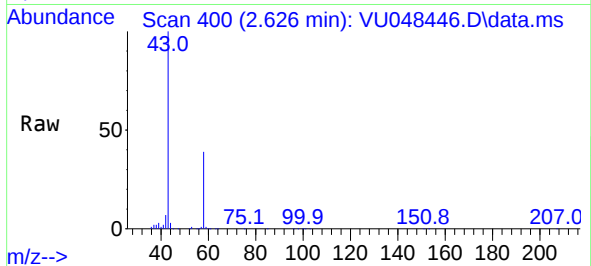




#13
Acetone
Concen: 143.837 ug/L
RT: 2.626 min Scan# 40
Delta R.T. -0.023 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

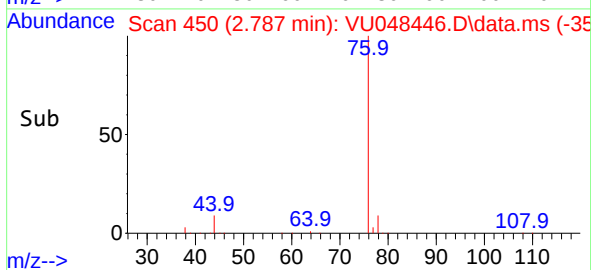
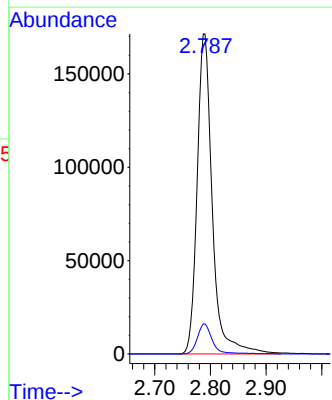
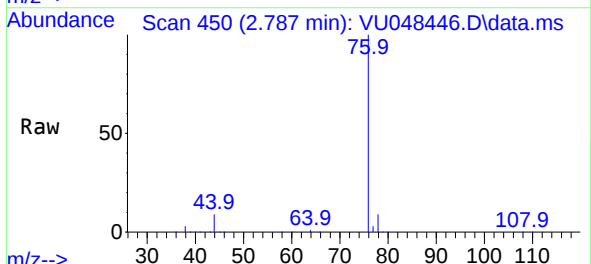
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

Tgt Ion: 43 Resp: 246419
Ion Ratio Lower Upper
43 100
58 38.2 0.0 71.2

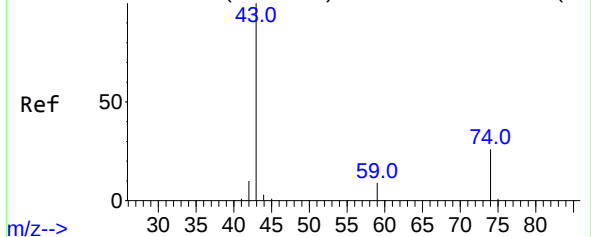


#14
Carbon disulfide
Concen: 59.400 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.006 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

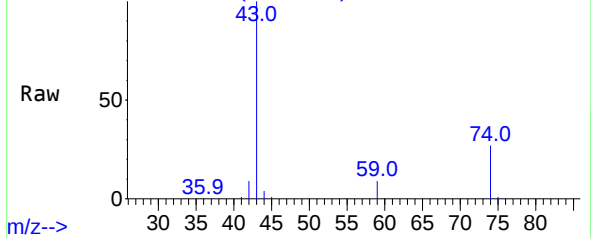
Tgt Ion: 76 Resp: 323893
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



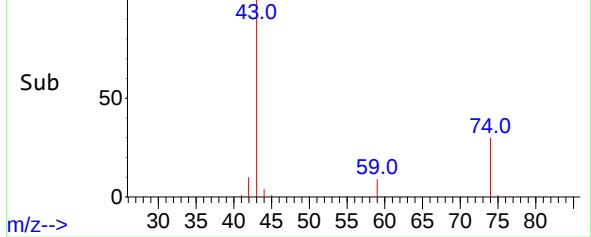
Abundance Scan 502 (2.954 min): VU048428.D\data.ms (-48



m/z--> Scan 499 (2.944 min): VU048446.D\data.ms

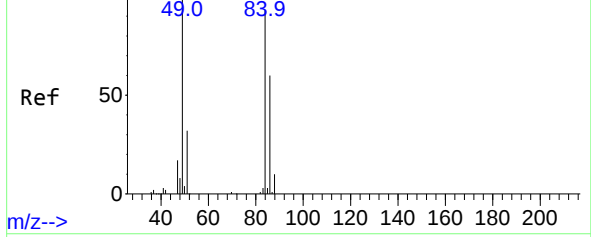


Abundance Scan 499 (2.944 min): VU048446.D\data.ms (-40

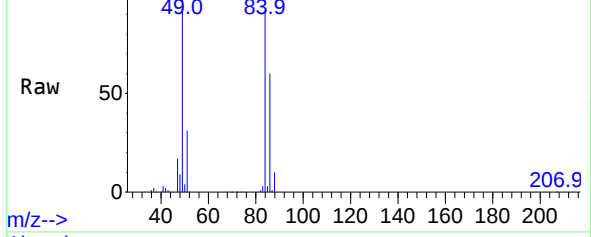


m/z-->

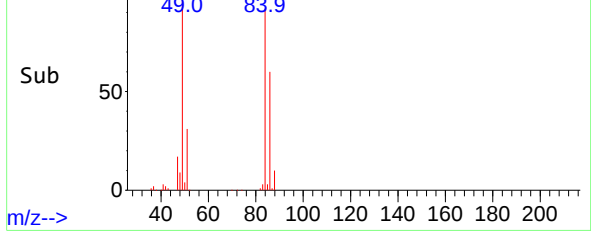
Abundance Scan 531 (3.047 min): VU048428.D\data.ms (-51



m/z--> Scan 530 (3.044 min): VU048446.D\data.ms



Abundance Scan 530 (3.044 min): VU048446.D\data.ms (-43



m/z-->

#15

Methyl Acetate

Concen: 78.536 ug/L

RT: 2.944 min Scan# 49

Delta R.T. -0.010 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

EXL87MS

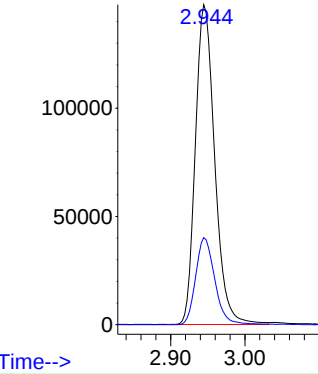
Tgt Ion: 43 Resp: 267083

Ion Ratio Lower Upper

43 100

74 27.0 21.0 31.6

Abundance



Time-->

#16

Methylene chloride

Concen: 84.161 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Tgt Ion: 84 Resp: 242756

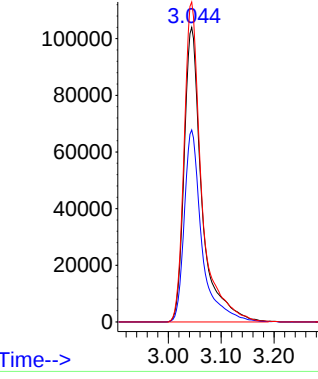
Ion Ratio Lower Upper

84 100

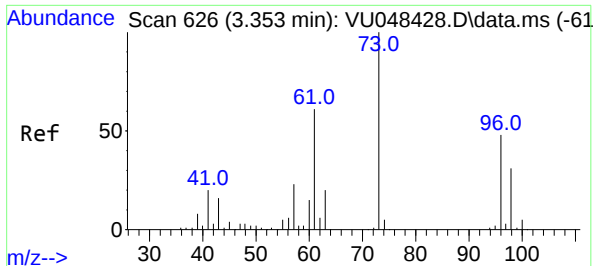
86 65.2 45.4 84.2

49 108.6 79.2 147.0

Abundance



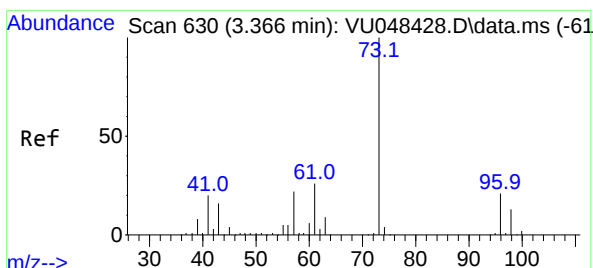
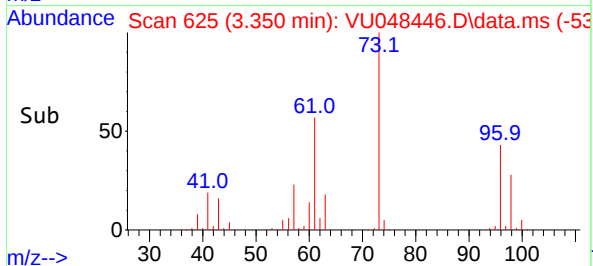
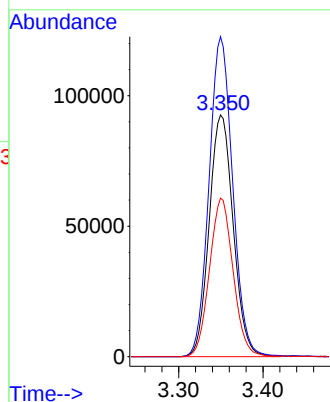
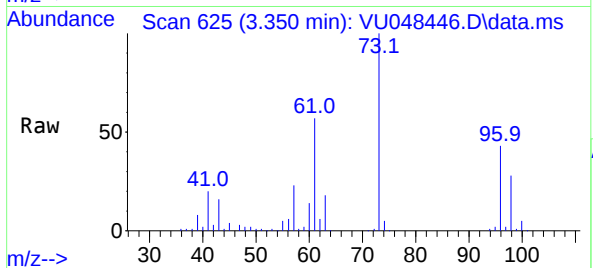
Time-->



#17
trans-1,2-Dichloroethene
Concen: 79.117 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

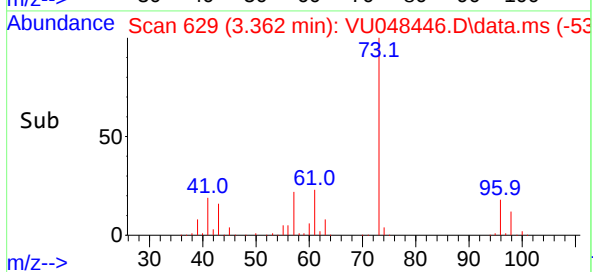
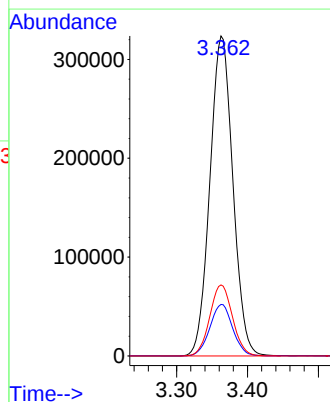
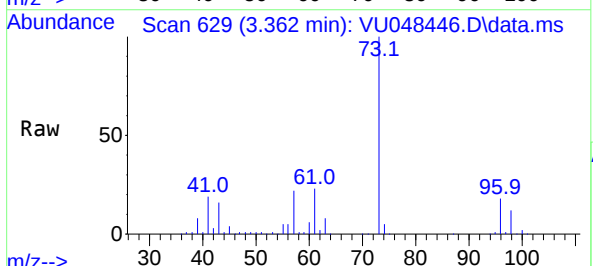
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

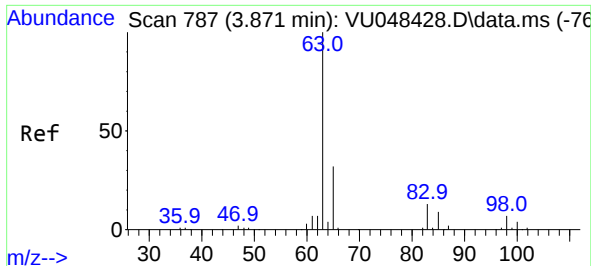
Tgt Ion: 96 Resp: 183885
Ion Ratio Lower Upper
96 100
61 132.3 95.2 176.8
98 65.6 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 94.990 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 73 Resp: 728447
Ion Ratio Lower Upper
73 100
43 16.1 13.8 20.6
57 22.0 17.9 26.9

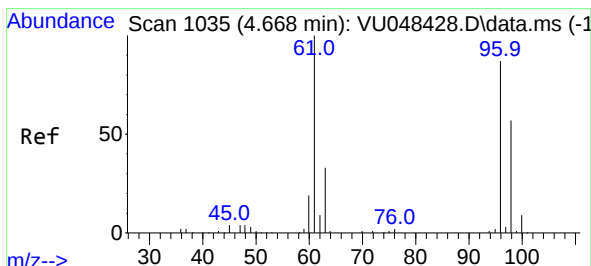
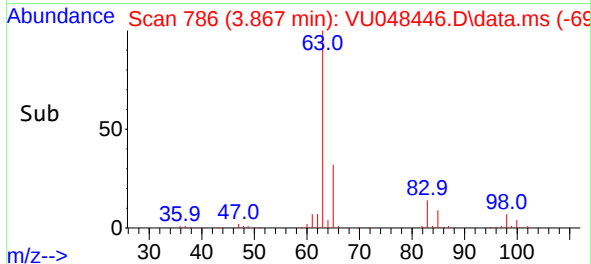
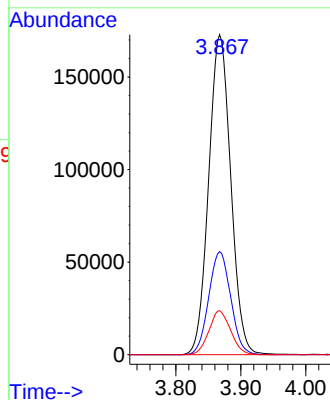
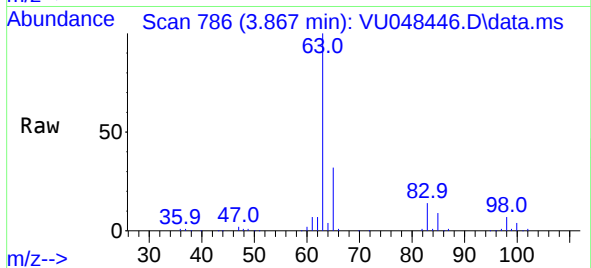




#19
1,1-Dichloroethane
Concen: 83.961 ug/L
RT: 3.867 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

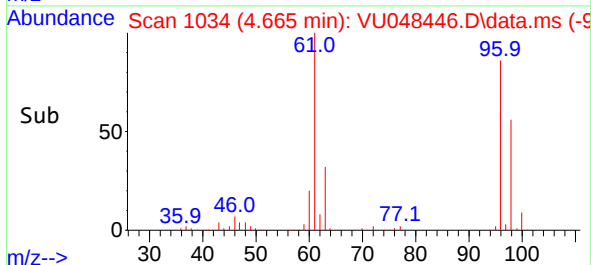
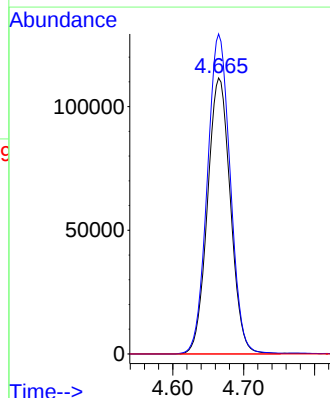
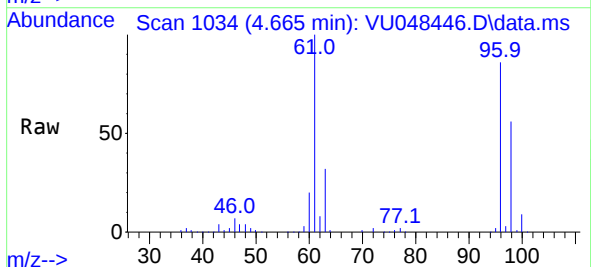
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

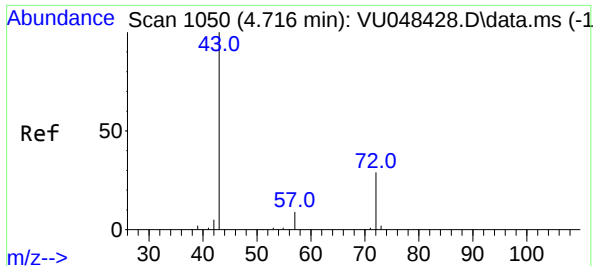
Tgt Ion: 63 Resp: 408075
Ion Ratio Lower Upper
63 100
65 32.2 22.0 40.8
83 13.7 8.8 16.4



#20
cis-1,2-Dichloroethene
Concen: 89.511 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 96 Resp: 250776
Ion Ratio Lower Upper
96 100
61 115.9 87.0 161.6
68 0.0 0.0 0.0

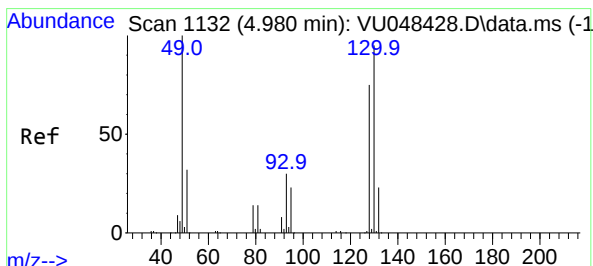
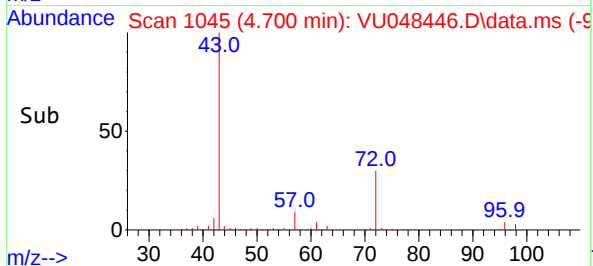
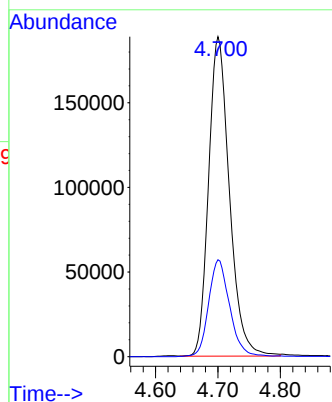
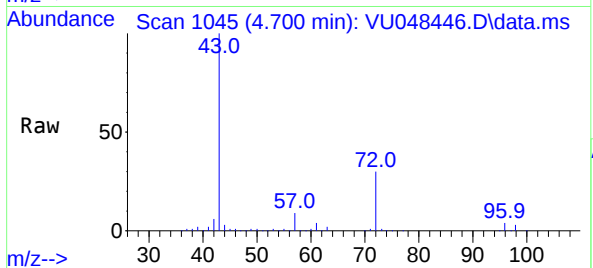




#22
2-Butanone
Concen: 172.618 ug/L
RT: 4.700 min Scan# 1050
Delta R.T. -0.016 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

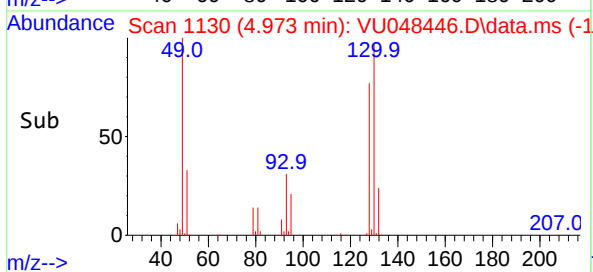
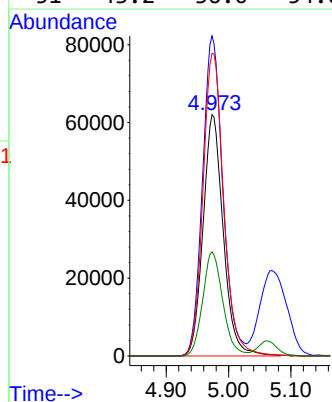
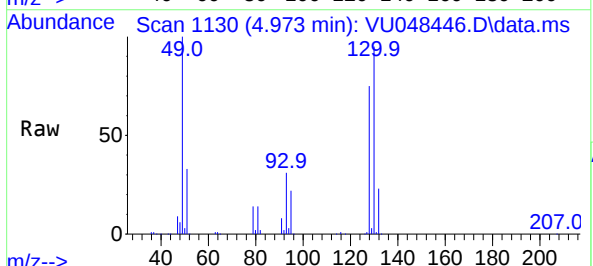
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

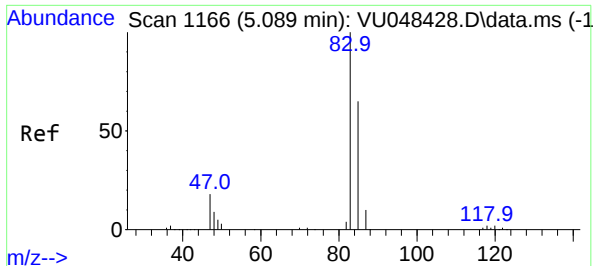
Tgt Ion: 43 Resp: 437298
Ion Ratio Lower Upper
43 100
72 30.8 14.6 43.8



#23
Bromochloromethane
Concen: 89.135 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:128 Resp: 139421
Ion Ratio Lower Upper
128 100
49 132.7 101.3 188.1
130 125.5 89.0 165.2
51 43.2 36.0 54.0





#25

Chloroform

Concen: 87.142 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

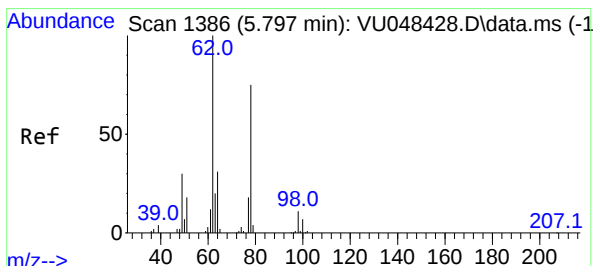
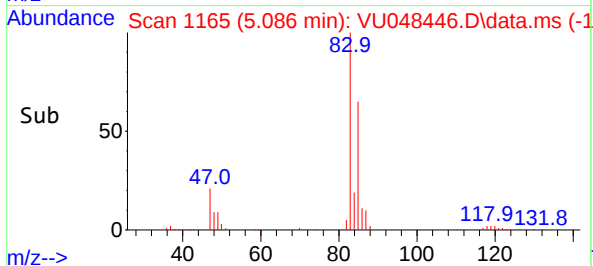
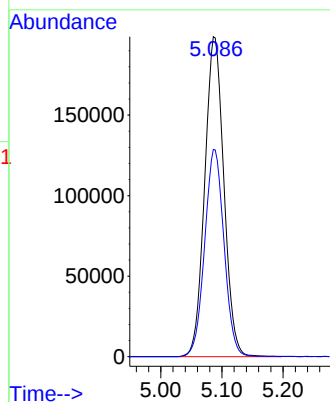
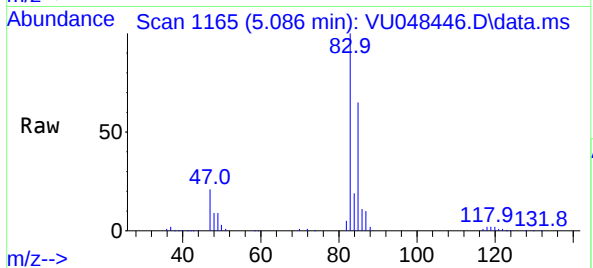
EXL87MS

Tgt Ion: 83 Resp: 432489

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 81.235 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048446.D

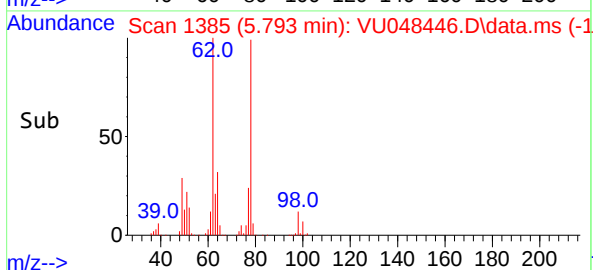
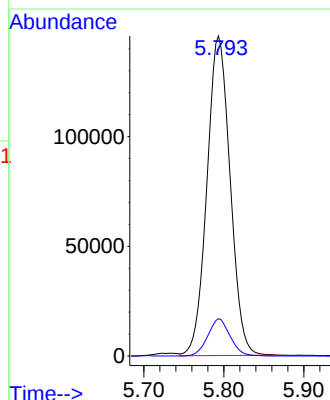
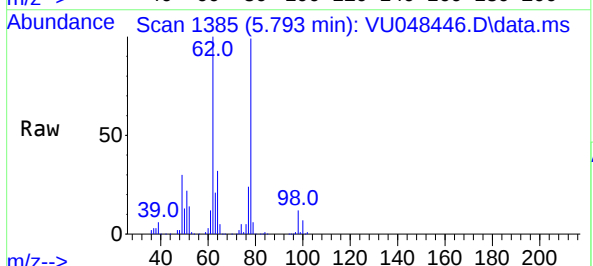
Acq: 05 May 2022 18:45

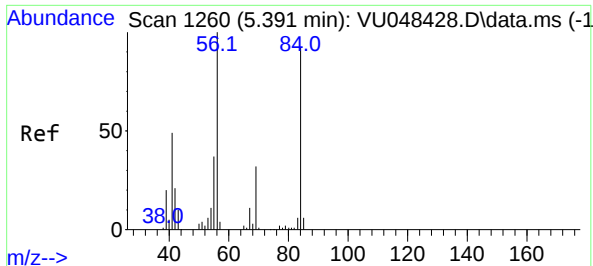
Tgt Ion: 62 Resp: 294077

Ion Ratio Lower Upper

62 100

98 11.7 8.5 12.7





#29

Cyclohexane

Concen: 80.834 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

EXL87MS

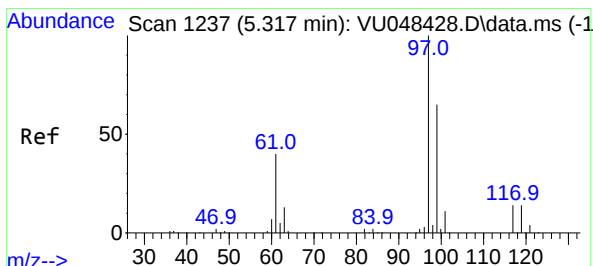
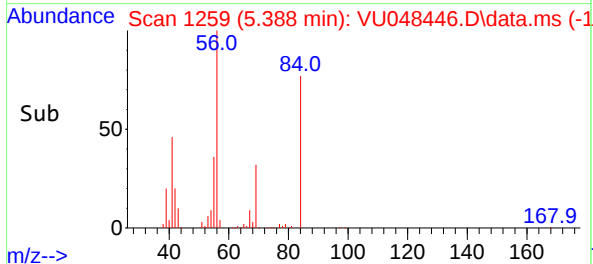
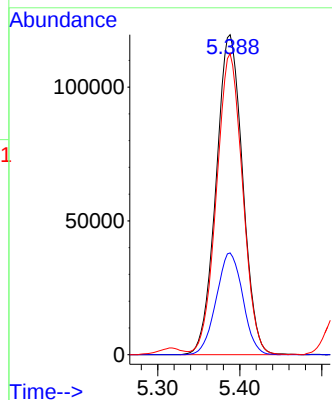
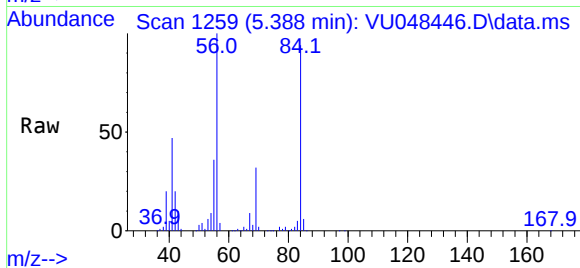
Tgt Ion: 56 Resp: 268832

Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.4

84 92.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 87.068 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

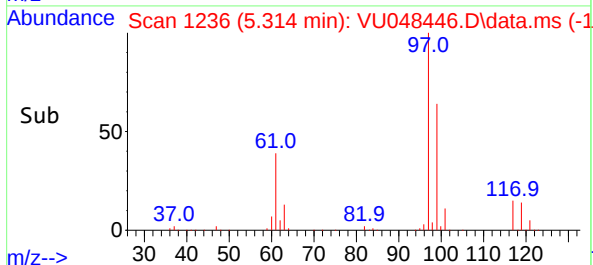
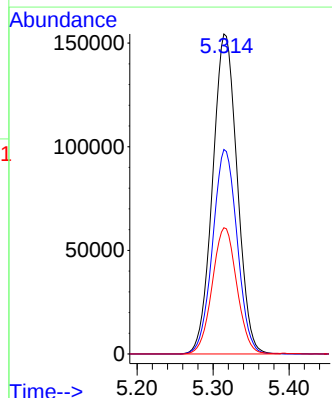
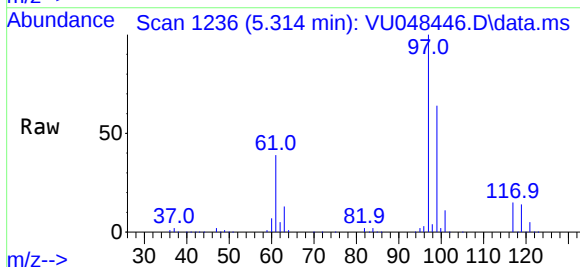
Tgt Ion: 97 Resp: 346571

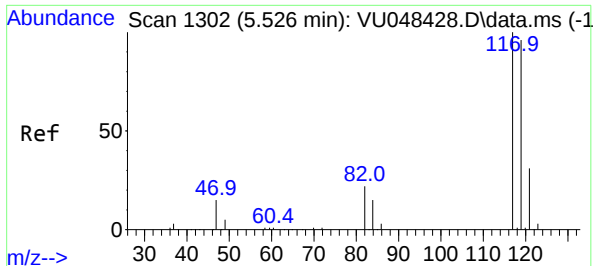
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 39.5 33.9 50.9

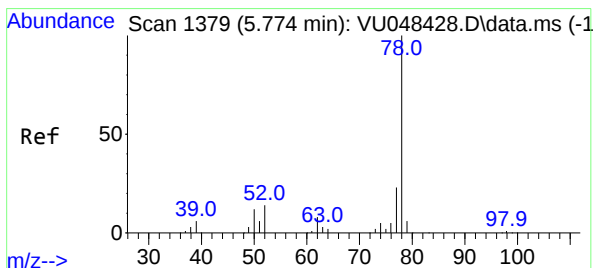
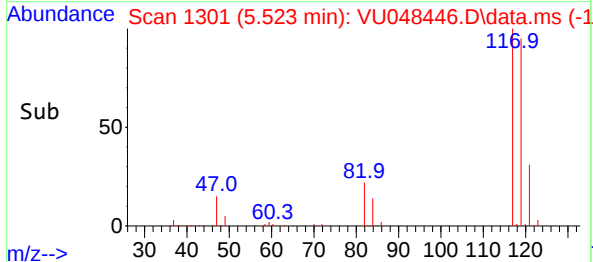
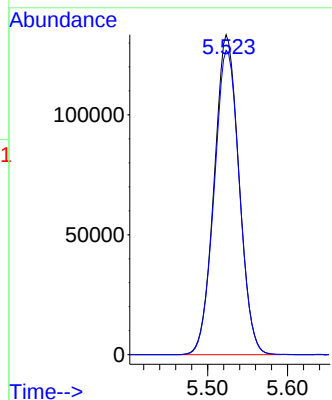
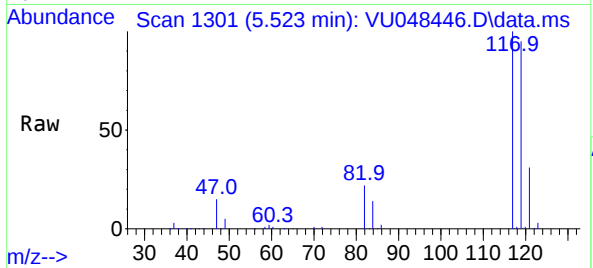




#31
Carbon tetrachloride
Concen: 84.740 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

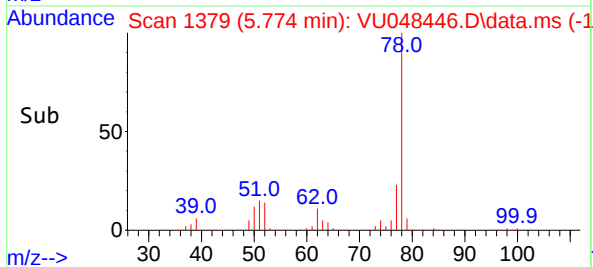
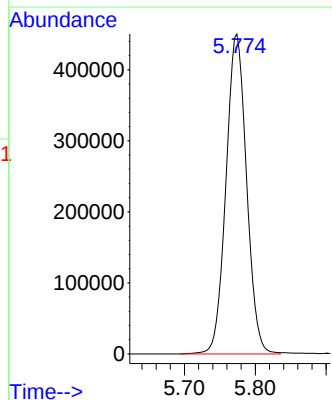
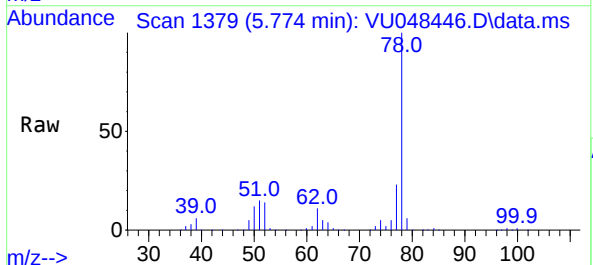
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

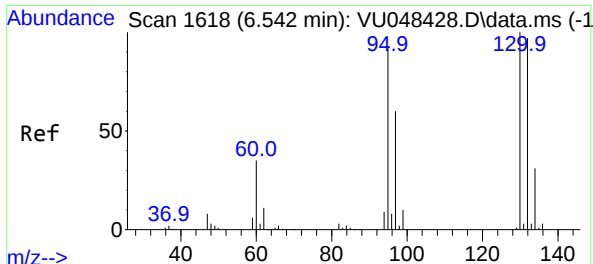
Tgt Ion:117 Resp: 287489
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 87.113 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 78 Resp: 907852

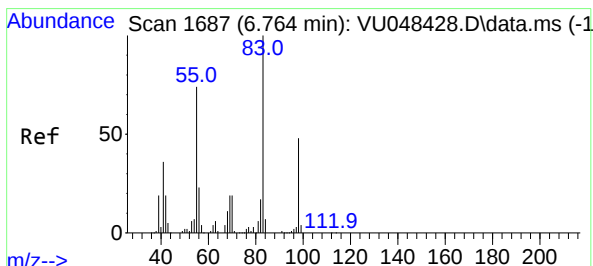
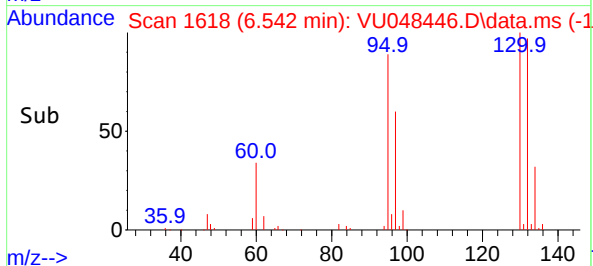
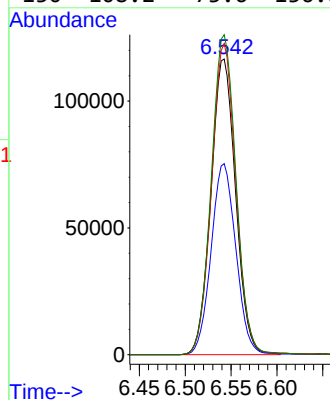
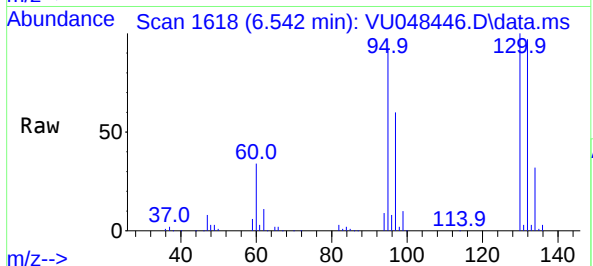




#34
Trichloroethene
Concen: 85.517 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

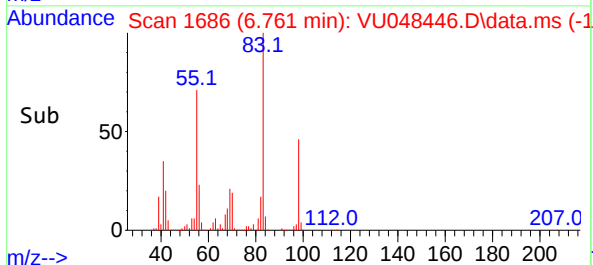
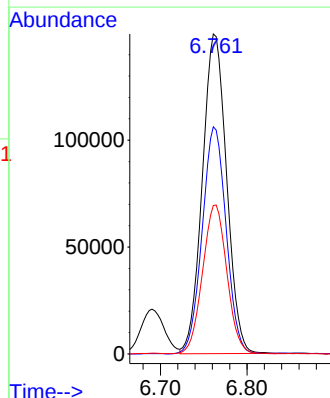
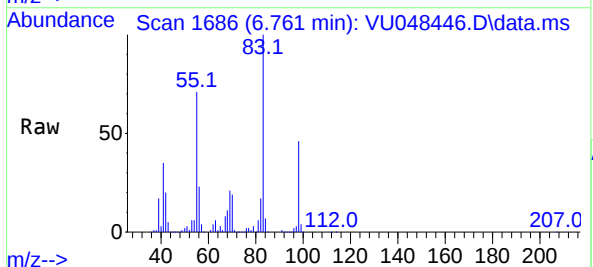
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

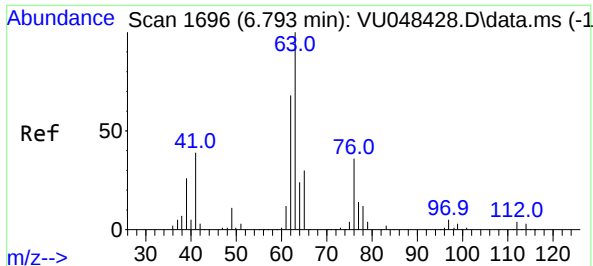
Tgt Ion: 95 Resp: 218448
Ion Ratio Lower Upper
95 100
97 64.6 45.8 85.2
132 105.3 71.6 133.0
130 108.2 73.6 136.8



#35
Methylcyclohexane
Concen: 81.114 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 83 Resp: 290899
Ion Ratio Lower Upper
83 100
55 70.2 59.4 89.2
98 46.6 37.3 55.9

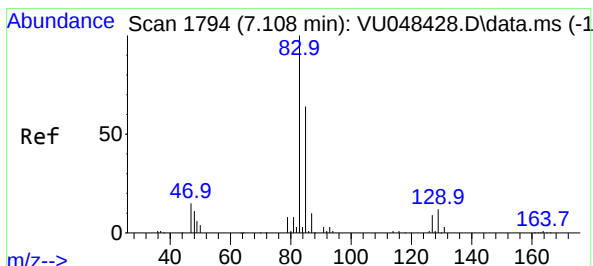
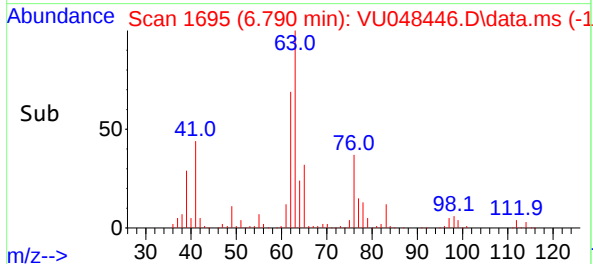
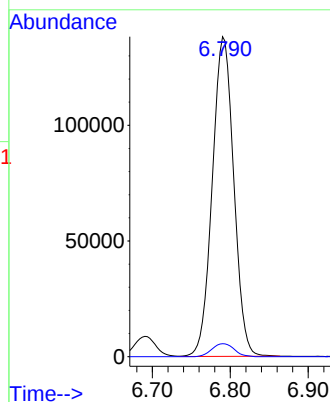
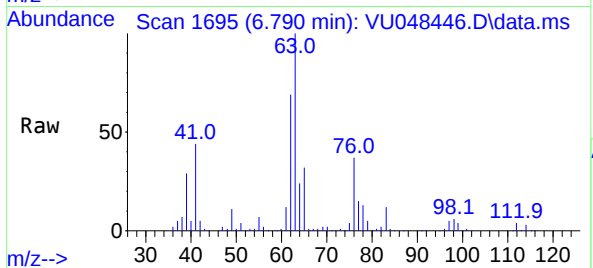




#37
1,2-Dichloropropane
Concen: 89.014 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

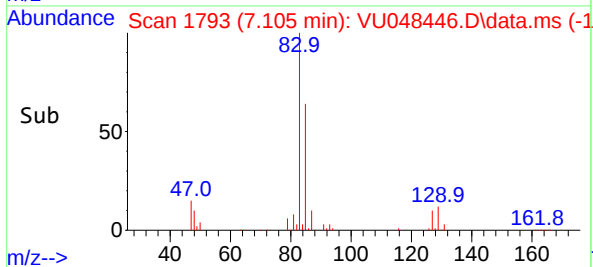
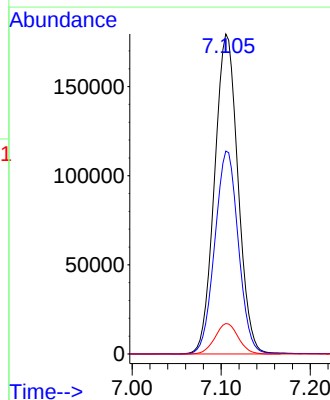
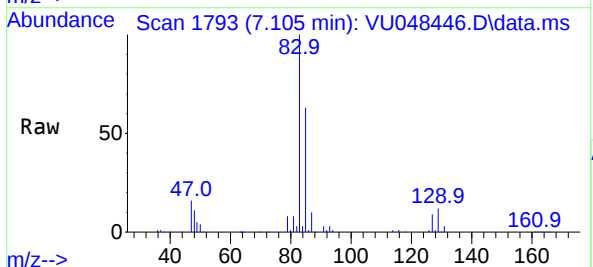
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

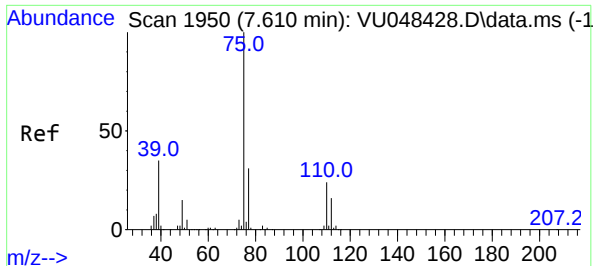
Tgt Ion: 63 Resp: 263936
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 87.589 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 83 Resp: 327979
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1
127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 89.921 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

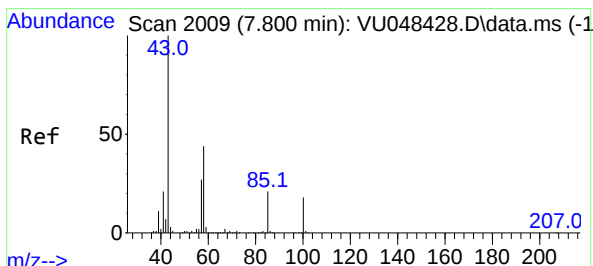
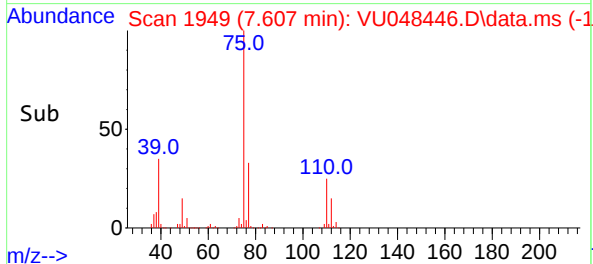
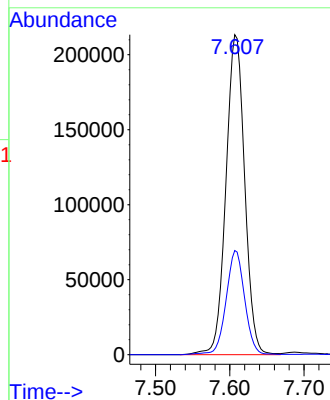
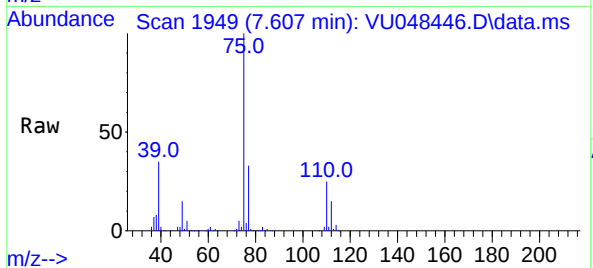
EXL87MS

Tgt Ion: 75 Resp: 374920

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 196.731 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.006 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

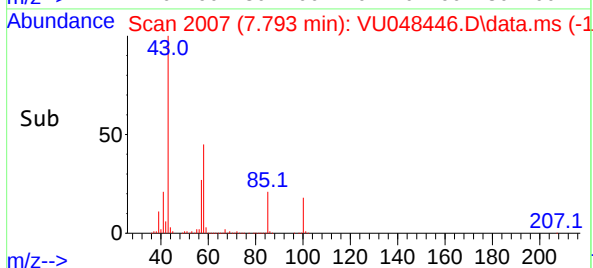
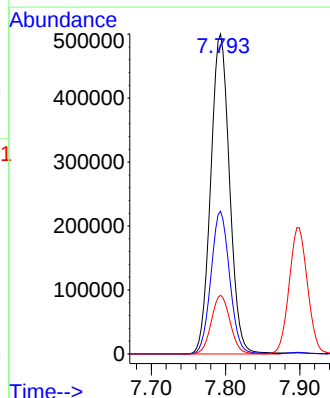
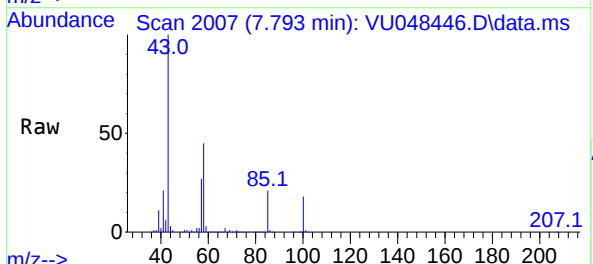
Tgt Ion: 43 Resp: 879810

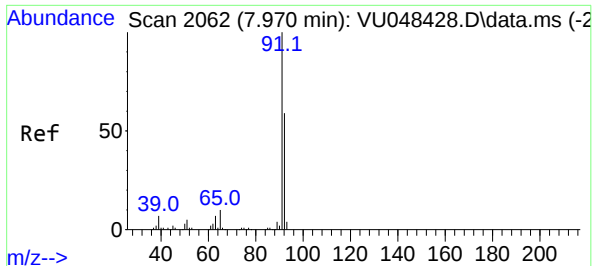
Ion Ratio Lower Upper

43 100

58 44.5 34.4 51.6

100 18.3 13.6 20.4





#42

Toluene

Concen: 89.616 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

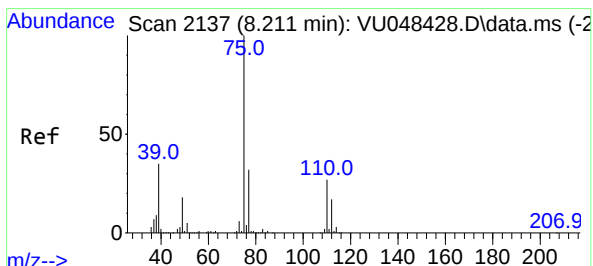
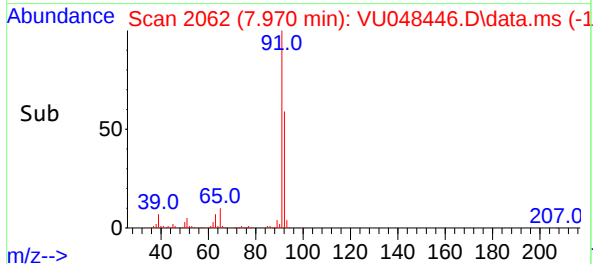
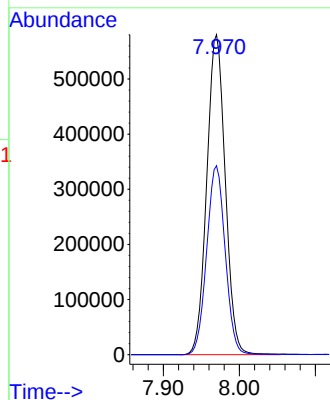
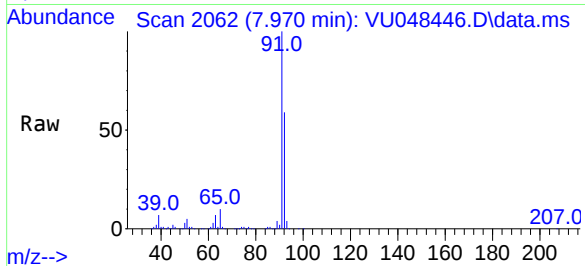
EXL87MS

Tgt Ion: 91 Resp: 980532

Ion Ratio Lower Upper

91 100

92 59.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 89.426 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048446.D

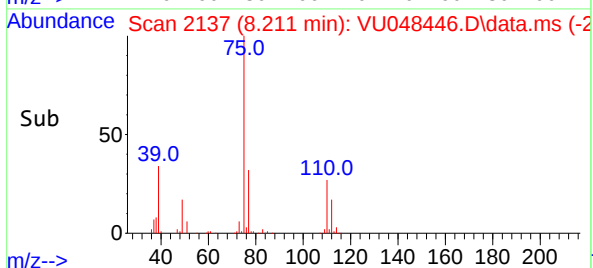
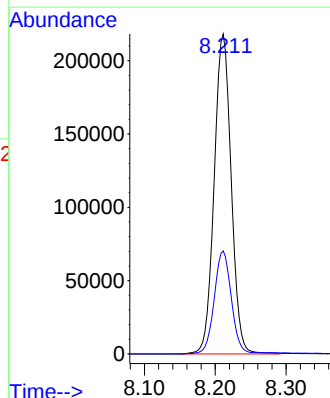
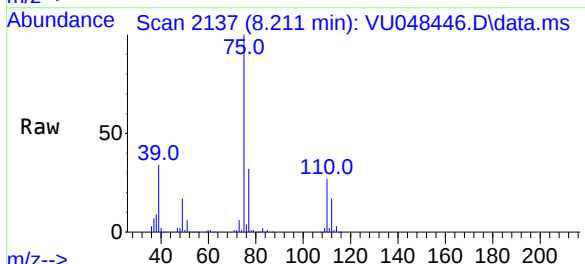
Acq: 05 May 2022 18:45

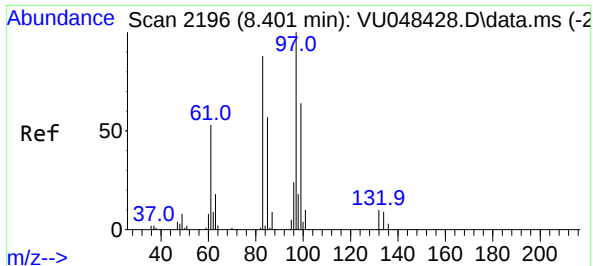
Tgt Ion: 75 Resp: 364250

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



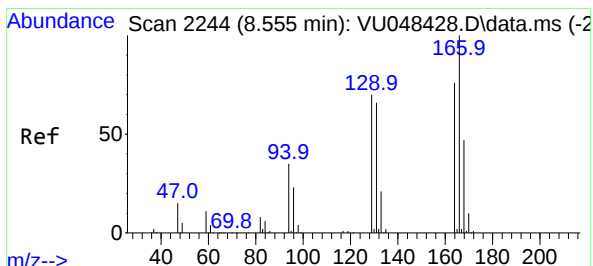
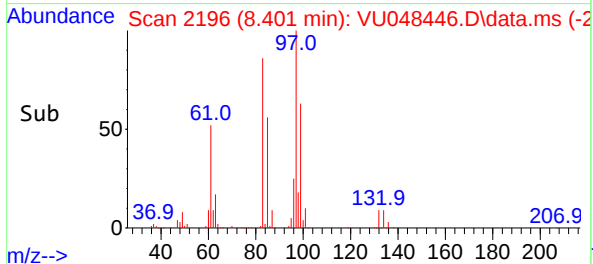
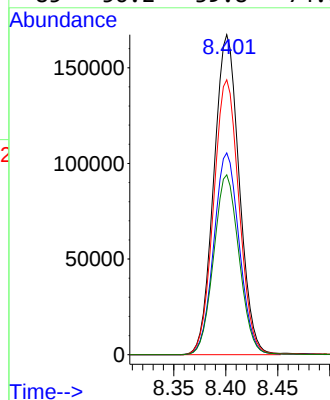
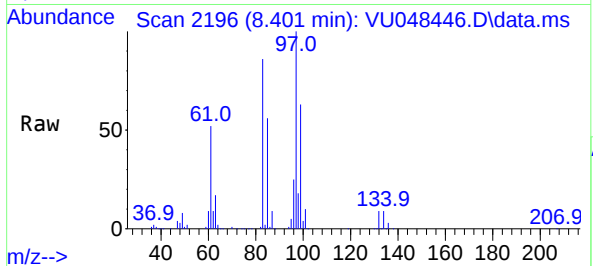


#45
1,1,2-Trichloroethane
Concen: 91.540 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

Tgt Ion: 97 Resp: 284773

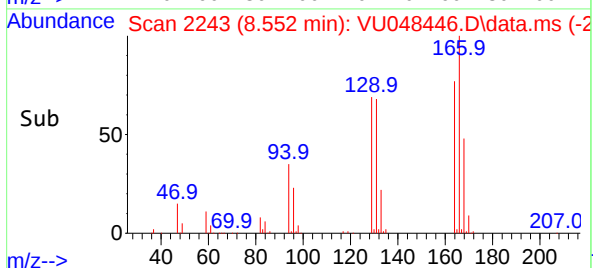
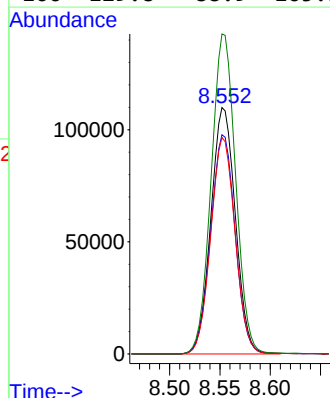
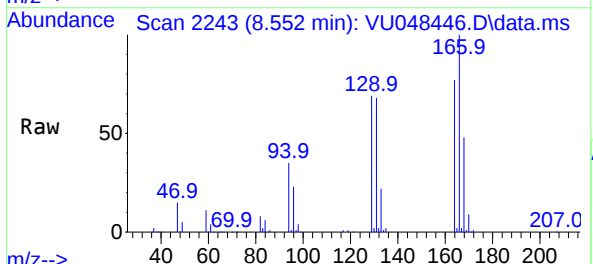
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.7	81.1
83	85.9	62.6	116.2
85	56.2	39.8	74.0

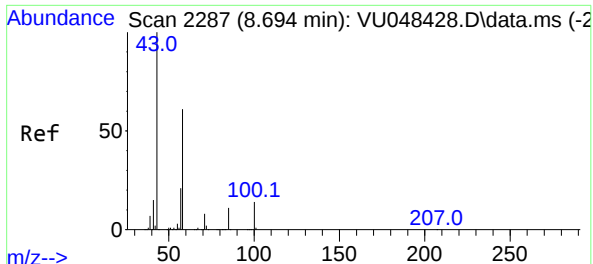


#46
Tetrachloroethene
Concen: 84.987 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion: 164 Resp: 186318

Ion	Ratio	Lower	Upper
164	100		
129	89.0	63.3	117.7
131	87.8	61.2	113.6
166	129.8	88.9	165.1





#48

2-Hexanone

Concen: 190.441 ug/L

RT: 8.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

EXL87MS

Tgt Ion: 43 Resp: 711211

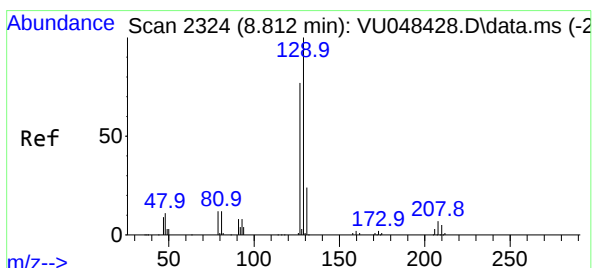
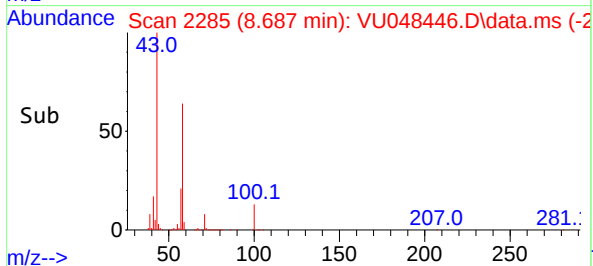
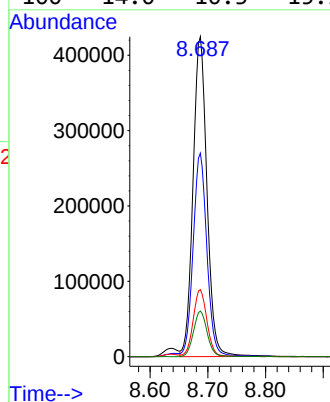
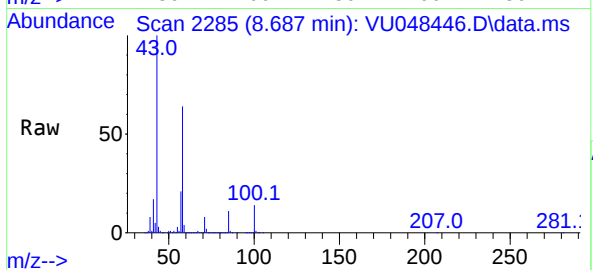
Ion Ratio Lower Upper

43 100

58 63.3 48.1 72.1

57 20.6 16.2 24.4

100 14.0 10.3 15.5



#49

Dibromochloromethane

Concen: 91.205 ug/L

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU048446.D

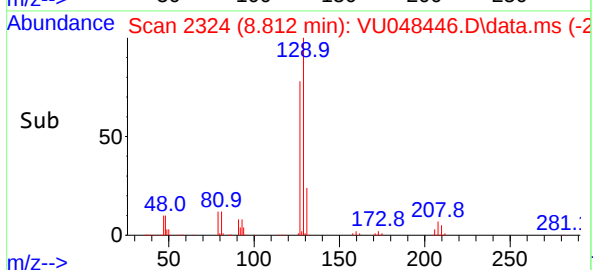
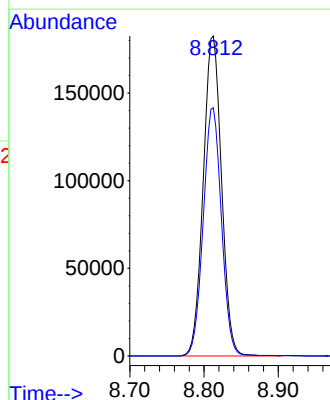
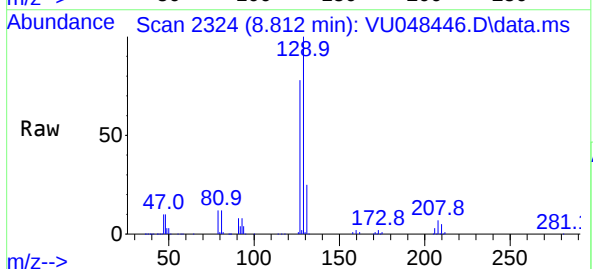
Acq: 05 May 2022 18:45

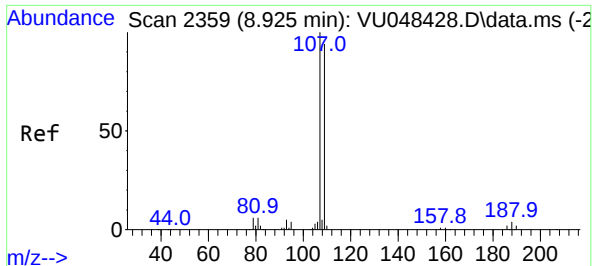
Tgt Ion:129 Resp: 311779

Ion Ratio Lower Upper

129 100

127 77.5 53.8 99.8

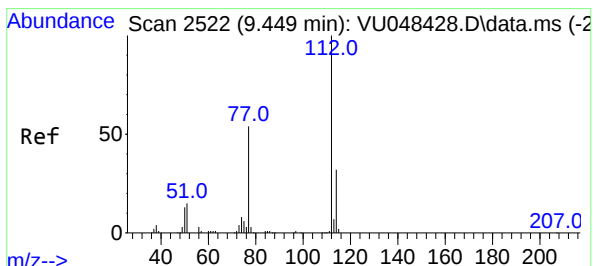
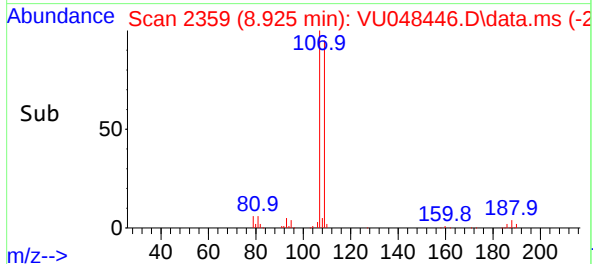
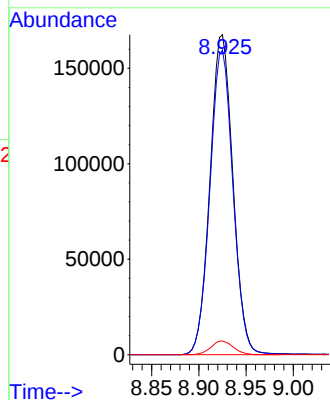
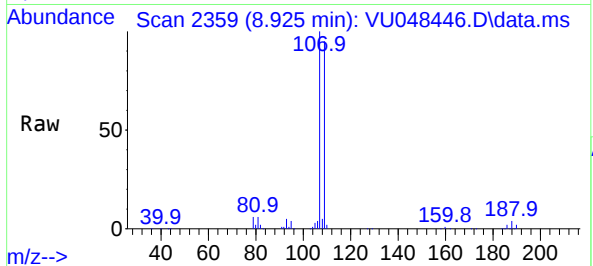




#50
1,2-Dibromoethane
Concen: 89.665 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

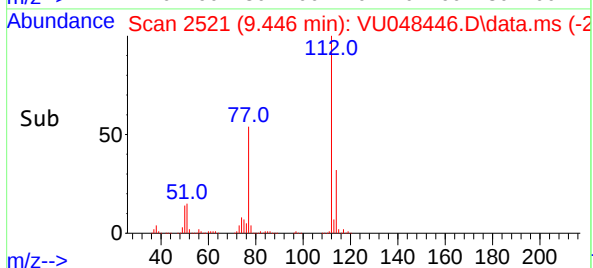
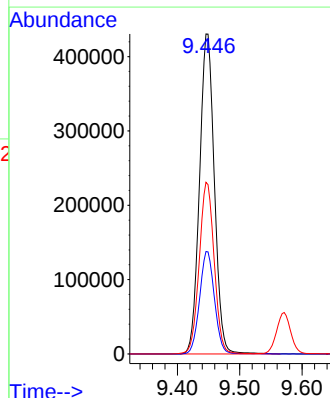
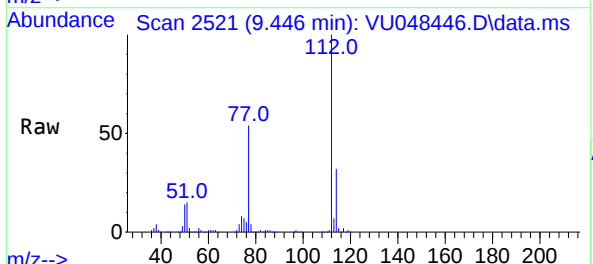
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

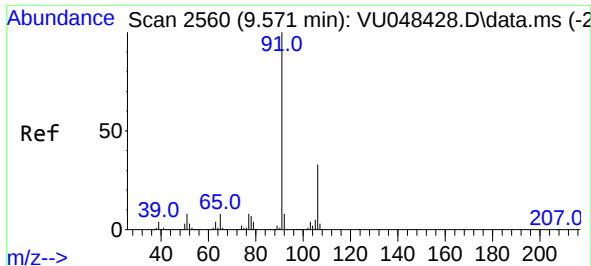
Tgt Ion:107 Resp: 282868
Ion Ratio Lower Upper
107 100
109 95.2 65.0 120.8
188 4.3 3.1 4.7



#51
Chlorobenzene
Concen: 90.283 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:112 Resp: 712038
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.1
77 53.6 44.3 66.5

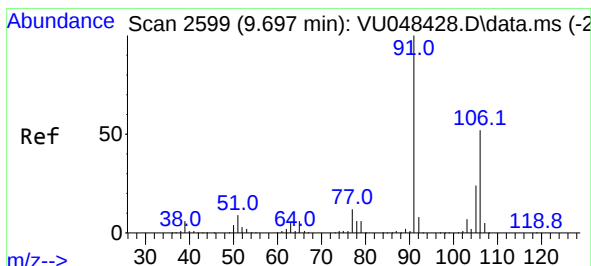
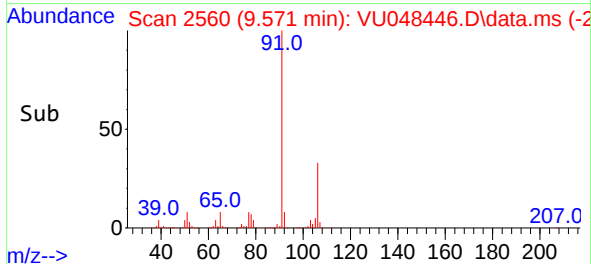
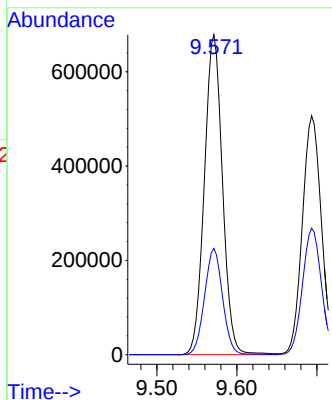
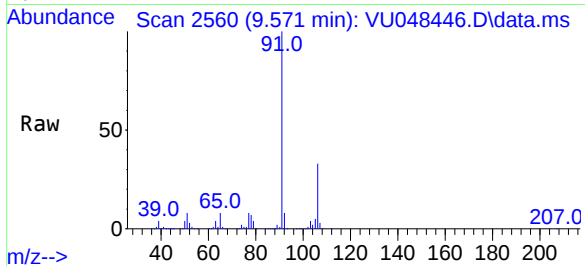




#52
Ethylbenzene
Concen: 94.622 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

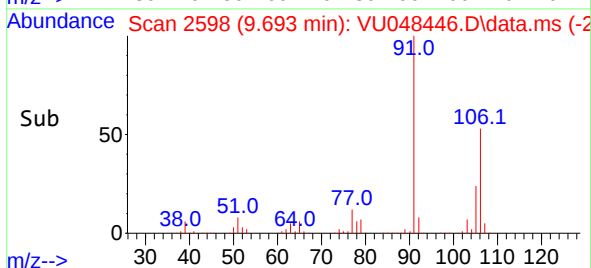
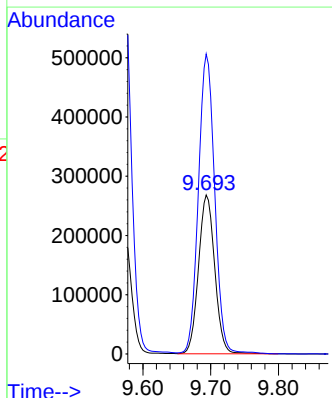
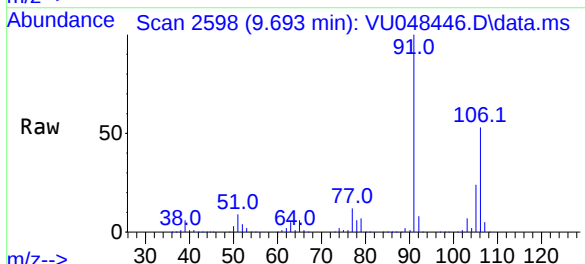
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

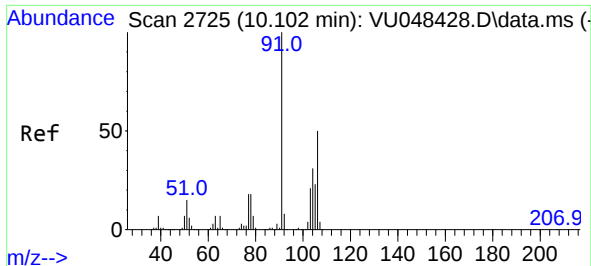
Tgt Ion: 91 Resp: 1072199
Ion Ratio Lower Upper
91 100
106 33.2 22.5 41.9



#53
m,p-Xylene
Concen: 99.661 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:106 Resp: 445644
Ion Ratio Lower Upper
106 100
91 188.6 137.4 255.2

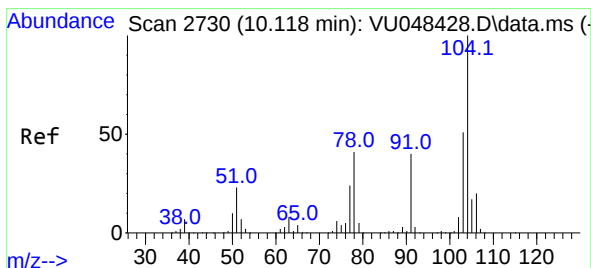
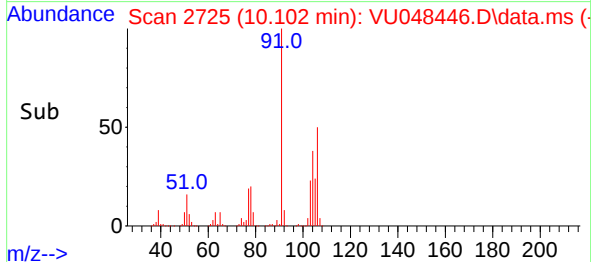
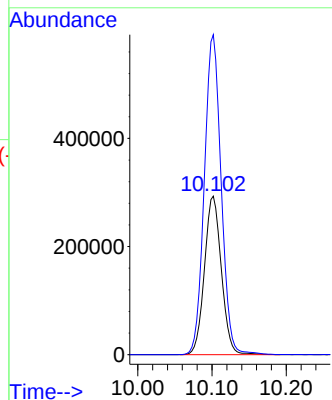
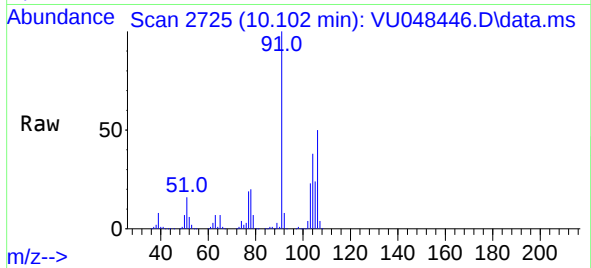




#54
o-Xylene
Concen: 102.749 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

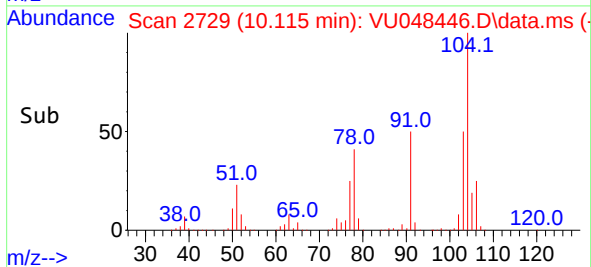
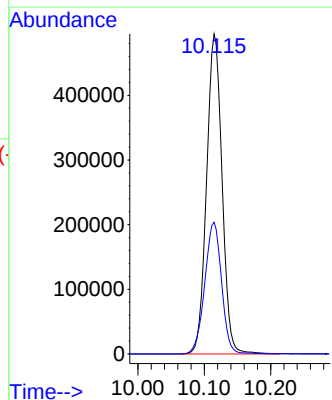
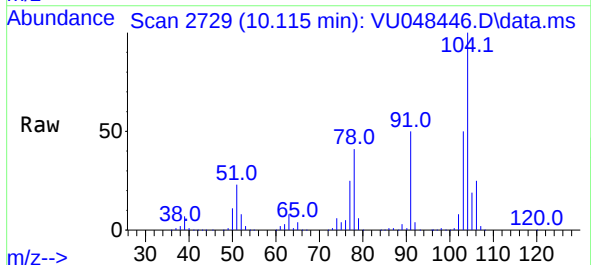
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

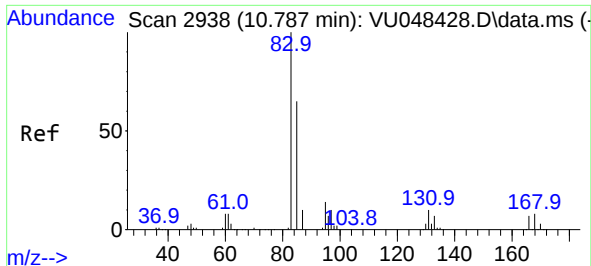
Tgt Ion:106 Resp: 462859
Ion Ratio Lower Upper
106 100
91 201.9 145.3 269.8



#55
Styrene
Concen: 104.608 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:104 Resp: 802772
Ion Ratio Lower Upper
104 100
78 41.2 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 93.697 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

EXL87MS

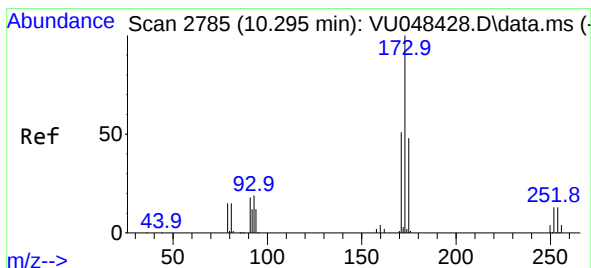
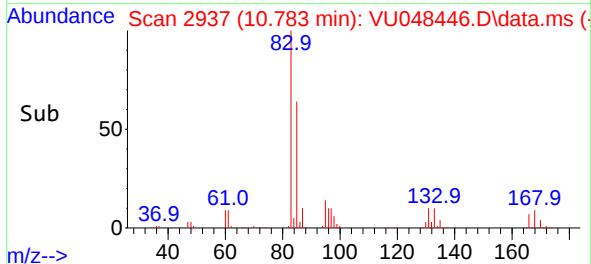
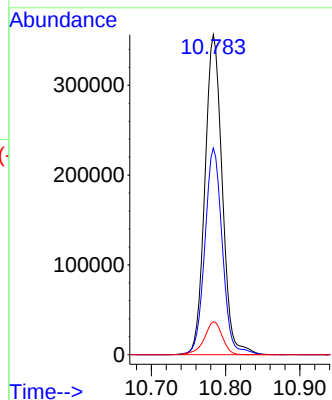
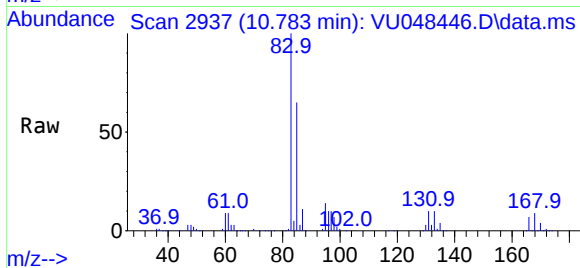
Tgt Ion: 83 Resp: 575276

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

131 10.3 7.8 11.6



#59

Bromoform

Concen: 89.688 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

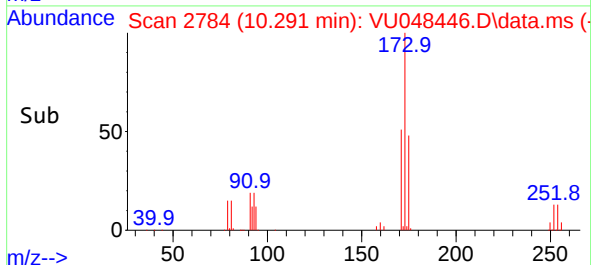
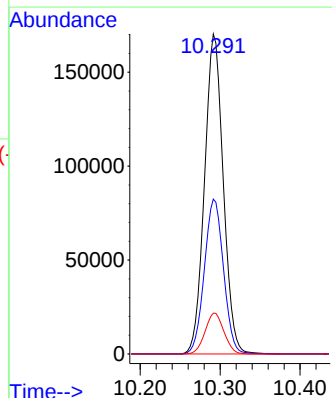
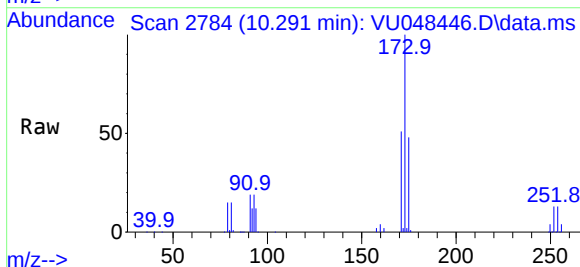
Tgt Ion:173 Resp: 278296

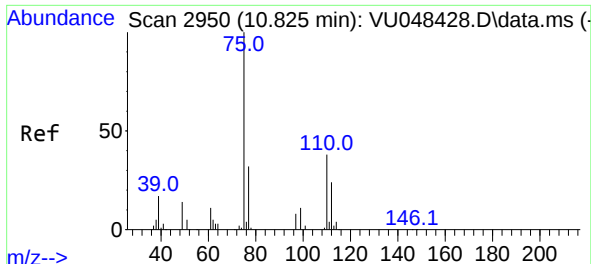
Ion Ratio Lower Upper

173 100

175 49.4 38.9 58.3

254 12.8 9.5 14.3

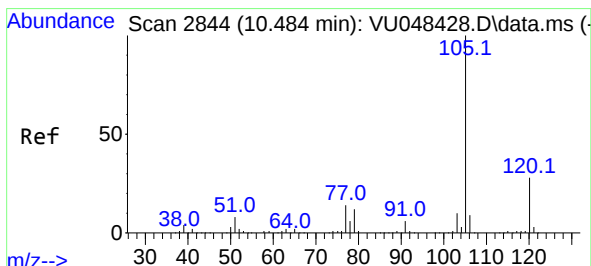
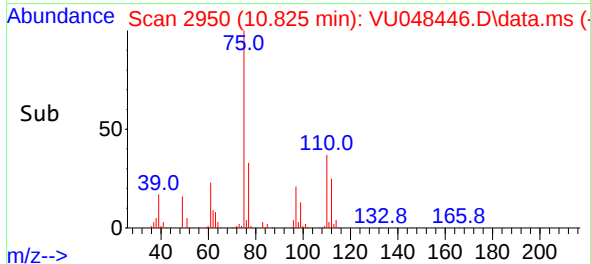
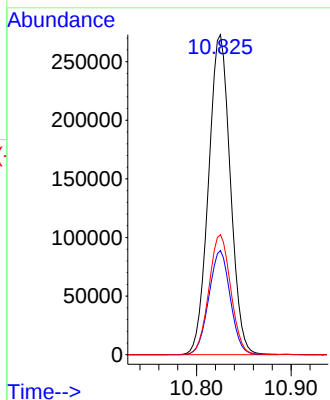
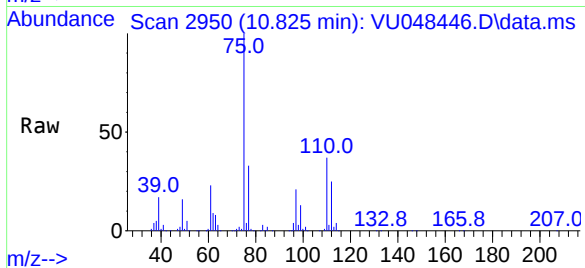




#60
1,2,3-Trichloropropane
Concen: 87.569 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

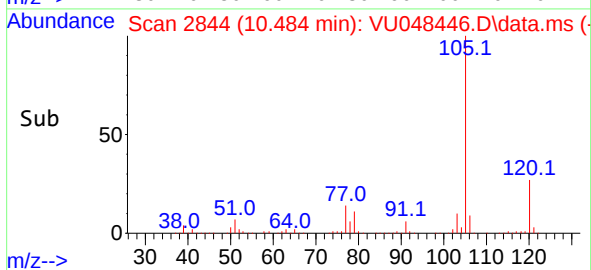
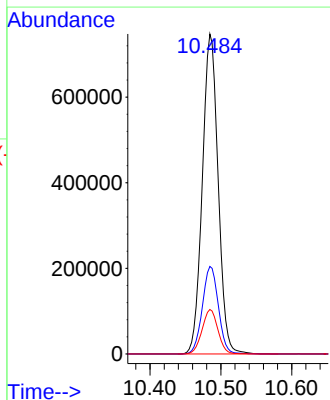
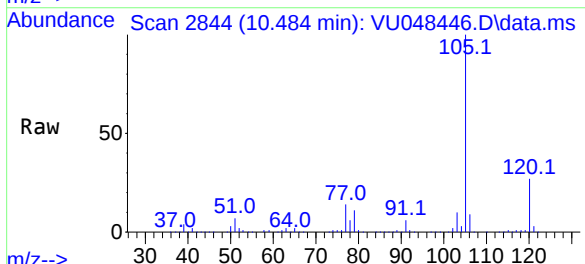
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

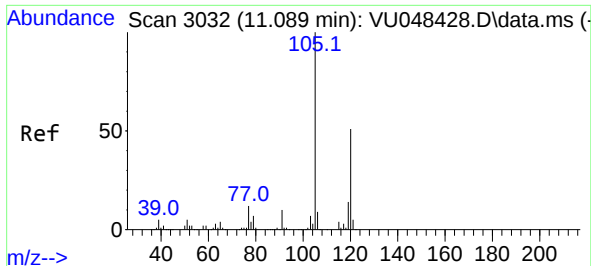
Tgt Ion: 75 Resp: 436783
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.6 29.9 44.9



#61
Isopropylbenzene
Concen: 96.770 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:105 Resp: 1156852
Ion Ratio Lower Upper
105 100
120 27.7 21.7 32.5
77 13.9 11.7 17.5

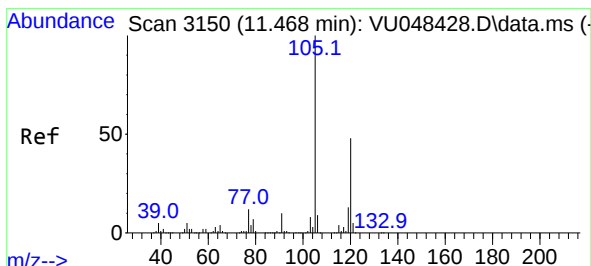
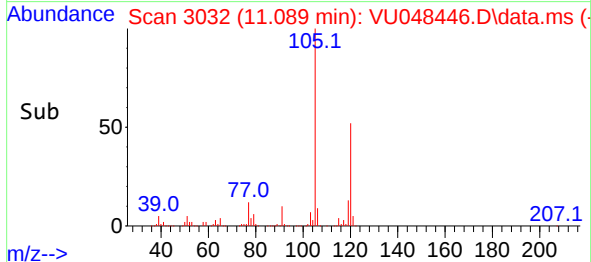
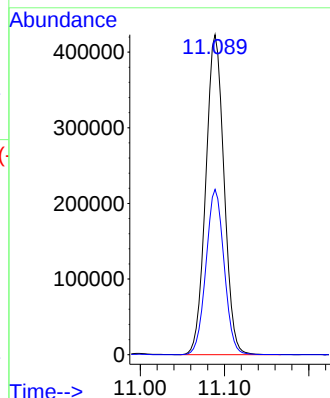
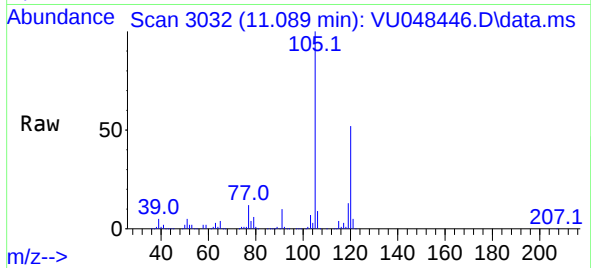




#62
 1,3,5-Trimethylbenzene
 Concen: 101.309 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048446.D
 Acq: 05 May 2022 18:45

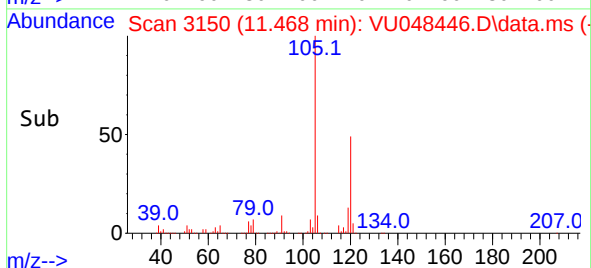
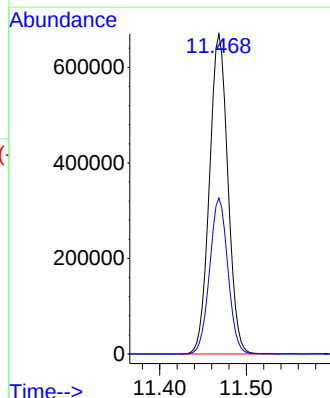
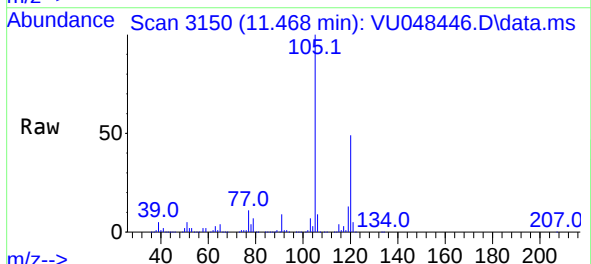
Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MS

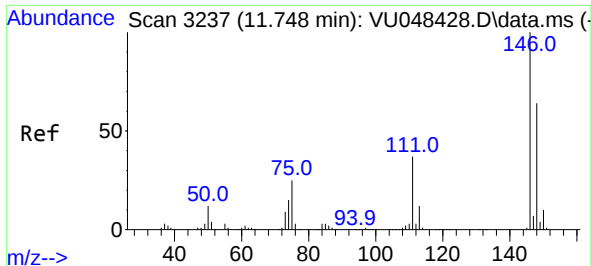
Tgt Ion:105 Resp: 638337
 Ion Ratio Lower Upper
 105 100
 120 51.3 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 102.073 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048446.D
 Acq: 05 May 2022 18:45

Tgt Ion:105 Resp: 988812
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.0 57.0

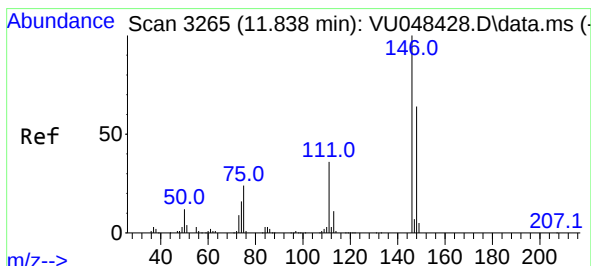
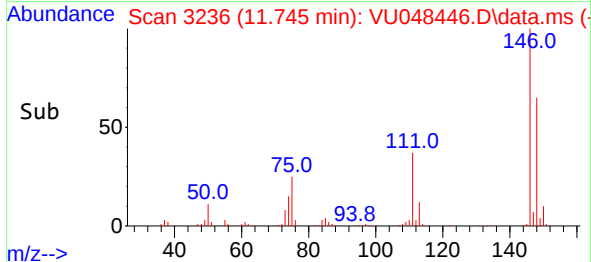
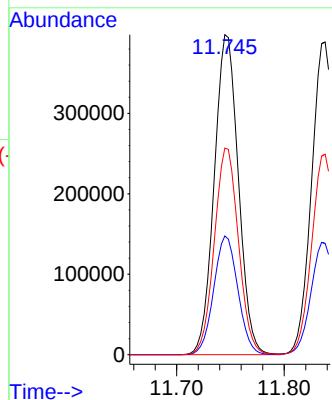
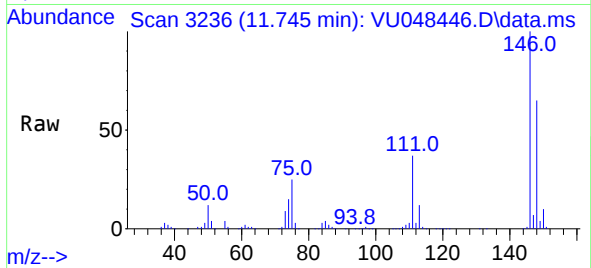




#64
1,3-Dichlorobenzene
Concen: 92.728 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

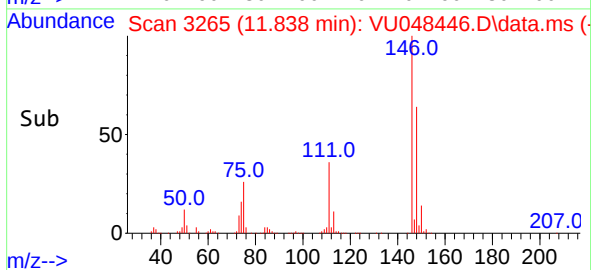
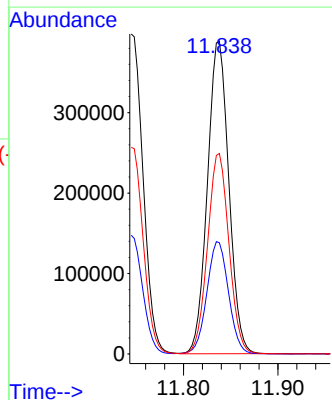
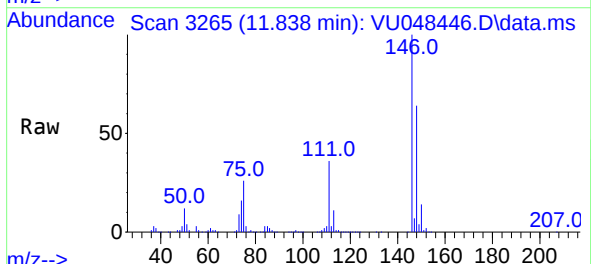
Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

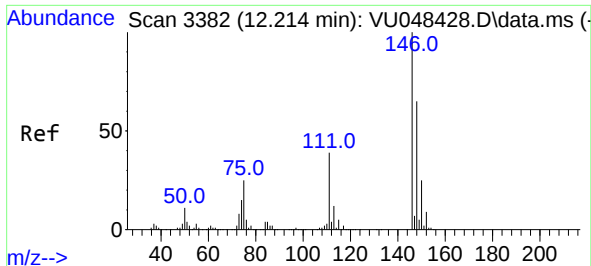
Tgt Ion:146 Resp: 621486
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 64.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 89.321 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:146 Resp: 611161
Ion Ratio Lower Upper
146 100
111 35.6 25.9 48.1
148 64.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 92.164 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

EXL87MS

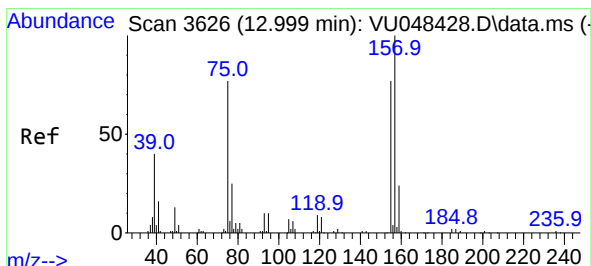
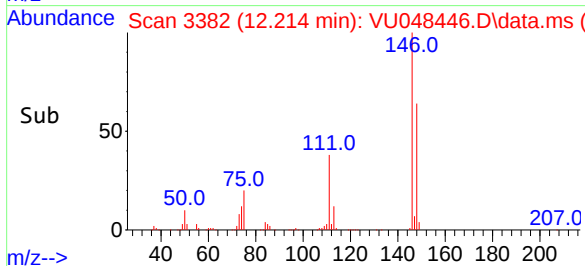
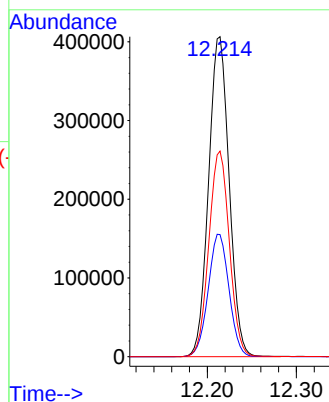
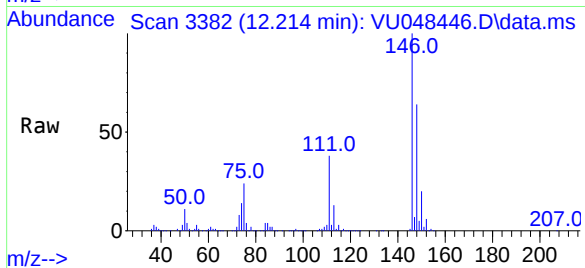
Tgt Ion:146 Resp: 650713

Ion Ratio Lower Upper

146 100

111 38.1 31.7 47.5

148 64.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 87.318 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU048446.D

Acq: 05 May 2022 18:45

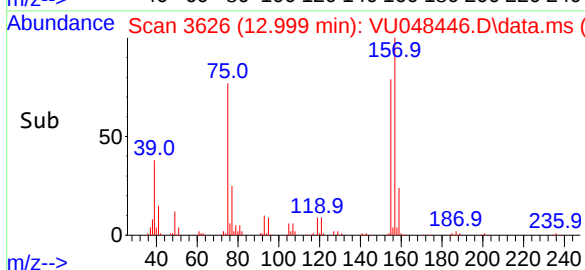
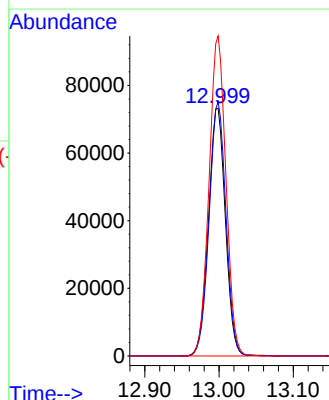
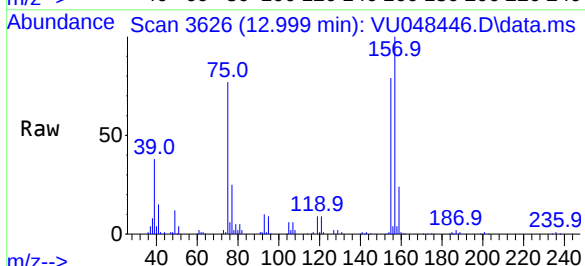
Tgt Ion: 75 Resp: 116267

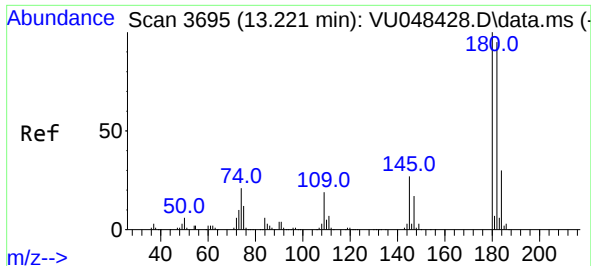
Ion Ratio Lower Upper

75 100

155 102.6 71.8 107.6

157 129.2 93.4 140.2



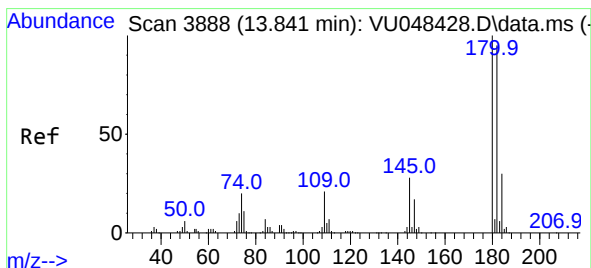
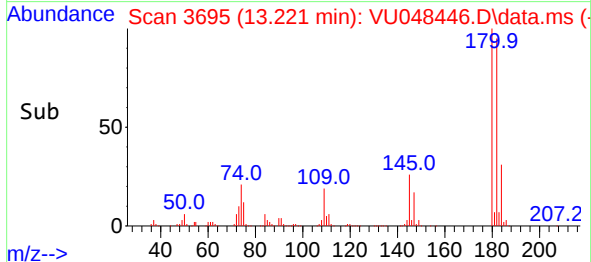
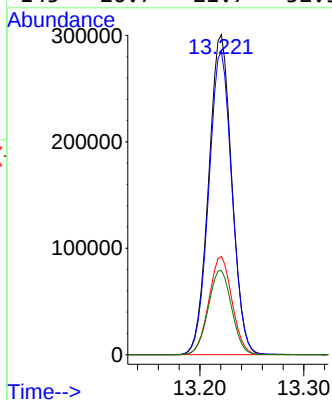
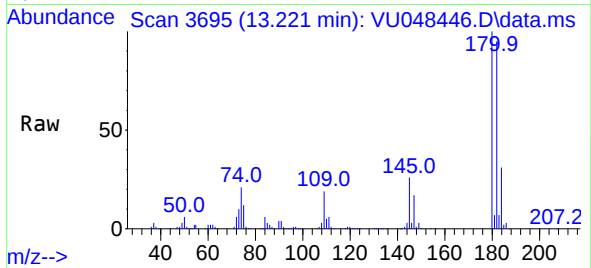


#69
 1,3,5-Trichlorobenzene
 Concen: 93.331 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048446.D
 Acq: 05 May 2022 18:45

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MS

Tgt Ion:180 Resp: 464815

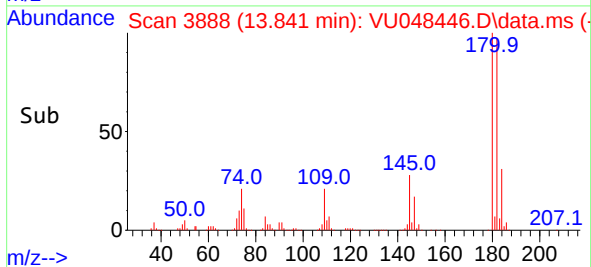
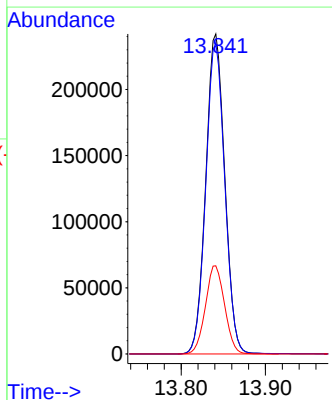
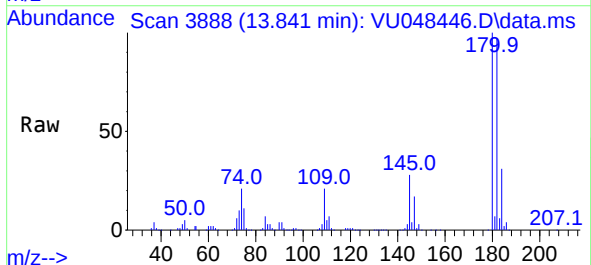
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.4
184	30.8	24.6	37.0
145	26.7	21.7	32.5

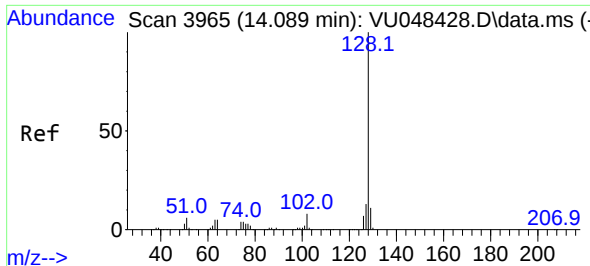


#70
 1,2,4-trichlorobenzene
 Concen: 96.733 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048446.D
 Acq: 05 May 2022 18:45

Tgt Ion:180 Resp: 380597

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.3	114.5
145	27.8	22.6	33.8

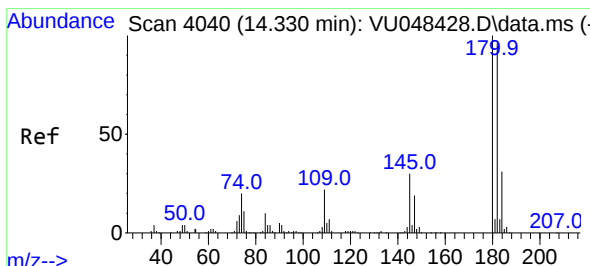
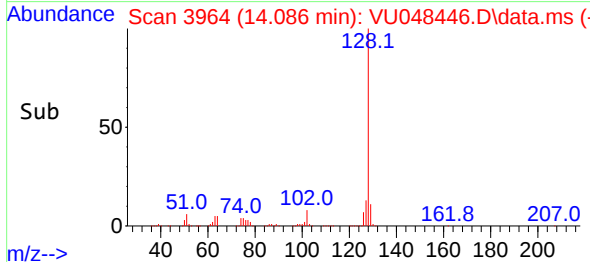
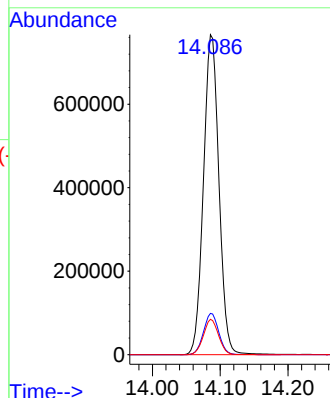
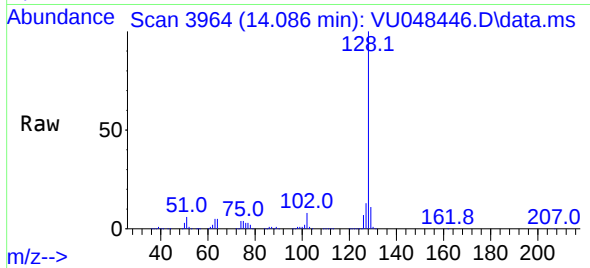




#71
Naphthalene
Concen: 107.817 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Instrument :
MSVOA_U
ClientSampleId :
EXL87MS

Tgt Ion:128 Resp: 1214003
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 99.097 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048446.D
Acq: 05 May 2022 18:45

Tgt Ion:180 Resp: 399582
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.6
145 29.1 23.5 35.3

