

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050602.D
 Acq On : 02 Sep 2022 18:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV024

Quant Time: Sep 03 02:29:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 02:16:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	416789	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398201	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184649	51.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.600%
7) Chloroethane-d5	1.906	69	146959	60.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.920%
11) 1,1-Dichloroethene-d2	2.565	63	301775	47.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.800%
21) 2-Butanone-d5	4.626	46	278258	106.688	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.690%
24) Chloroform-d	5.063	84	326277	48.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
26) 1,2-Dichloroethane-d4	5.703	65	198075	47.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
32) Benzene-d6	5.726	84	659513	50.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
36) 1,2-Dichloropropane-d6	6.690	67	213776	49.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	7.899	98	581716	51.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
43) trans-1,3-Dichloroprop...	8.182	79	93399	52.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.500%
47) 2-Hexanone-d5	8.636	63	120018	110.437	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	331648	50.726	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	203151	47.062	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	185950	46.449	ug/L	100
3) Chloromethane	1.517	50	228157	52.746	ug/L	97
5) Vinyl chloride	1.600	62	228074	55.964	ug/L	98
6) Bromomethane	1.851	94	116211	56.542	ug/L	99
8) Chloroethane	1.928	64	131452	60.729	ug/L	98
9) Trichlorofluoromethane	2.134	101	266963	53.766	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	164515	50.509	ug/L	99
12) 1,1-Dichloroethene	2.578	96	156674	49.505	ug/L	100
13) Acetone	2.633	43	209350	106.407	ug/L	98
14) Carbon disulfide	2.790	76	470921	50.179	ug/L	100
15) Methyl Acetate	2.951	43	220590	53.015	ug/L	98
16) Methylene chloride	3.044	84	193263	46.530	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	167518	49.916	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	524475	50.404	ug/L	100
19) 1,1-Dichloroethane	3.867	63	320682	49.528	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	190028	50.185	ug/L	96
22) 2-Butanone	4.706	43	336860	109.470	ug/L	99
23) Bromochloromethane	4.973	128	97143	49.647	ug/L	99
25) Chloroform	5.089	83	327360	49.626	ug/L	99

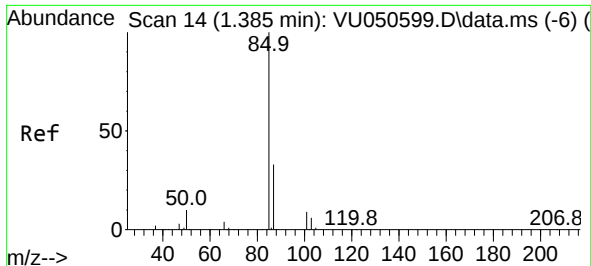
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	245713	50.256	ug/L	100
29) Cyclohexane	5.388	56	277213	51.982	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	268786	50.115	ug/L	99
31) Carbon tetrachloride	5.523	117	219165	49.876	ug/L	99
33) Benzene	5.774	78	752599	51.933	ug/L	100
34) Trichloroethene	6.542	95	177162	52.466	ug/L	99
35) Methylcyclohexane	6.764	83	291064	54.219	ug/L	98
37) 1,2-Dichloropropane	6.790	63	200925	52.490	ug/L	100
38) Bromodichloromethane	7.105	83	242101	53.766	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	281157	54.264	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	586801	112.493	ug/L	100
42) Toluene	7.970	91	780427	53.017	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	256442	52.752	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	191107	51.971	ug/L	99
46) Tetrachloroethene	8.552	164	129617	52.555	ug/L	97
48) 2-Hexanone	8.687	43	542988	111.538	ug/L	98
49) Dibromochloromethane	8.809	129	186607	53.206	ug/L	100
50) 1,2-Dibromoethane	8.925	107	203200	54.337	ug/L	97
51) Chlorobenzene	9.446	112	462030	50.573	ug/L	99
52) Ethylbenzene	9.571	91	777832	53.488	ug/L	98
53) m,p-Xylene	9.693	106	299395	53.738	ug/L	97
54) o-Xylene	10.102	106	300122	54.108	ug/L	99
55) Styrene	10.115	104	494576	54.192	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	340313	51.957	ug/L	100
59) Bromoform	10.291	173	136336	49.554	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	264473	48.881	ug/L	99
61) Isopropylbenzene	10.484	105	747446	51.208	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	632926	50.721	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	615156	51.336	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	328840	51.202	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	324196	51.068	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	339118	49.578	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	69940	48.950	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	233392	50.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	196291	49.598	ug/L	99
71) Naphthalene	14.085	128	736382	52.479	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	218534	50.990	ug/L	99

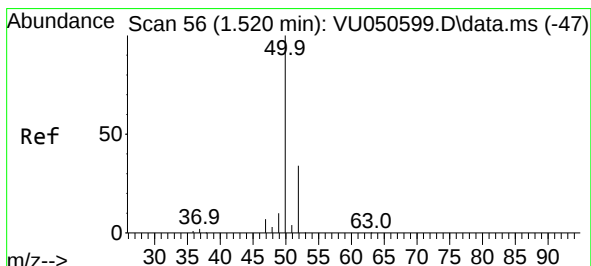
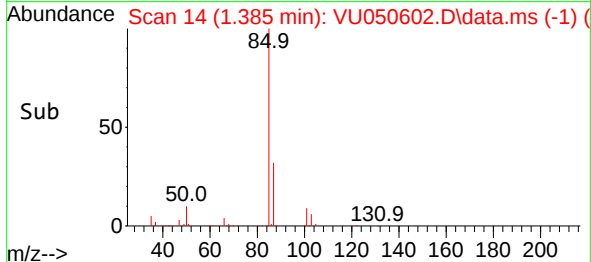
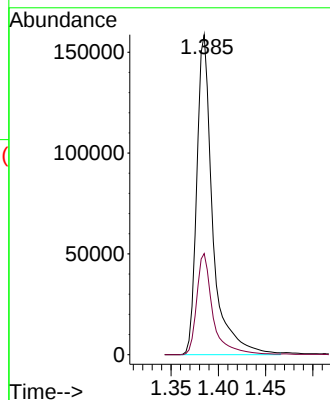
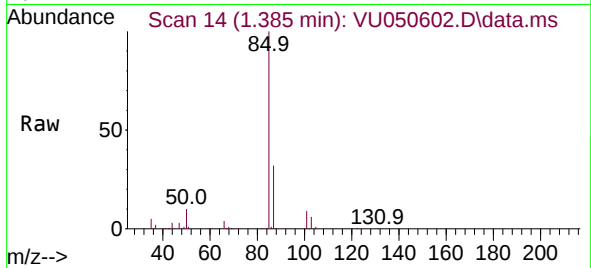
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 46.449 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

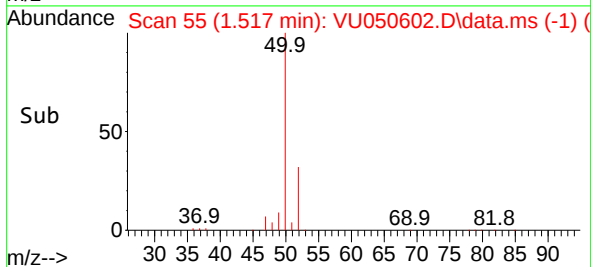
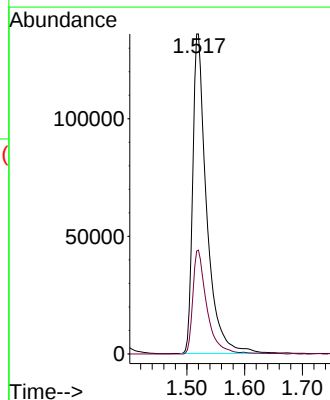
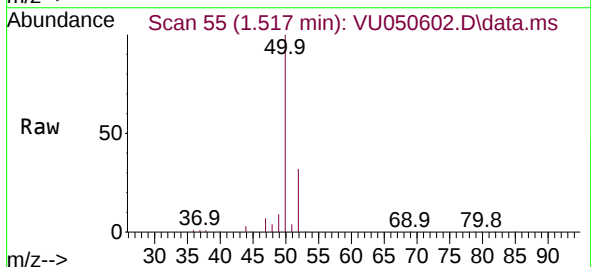
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MSVOA_U
ClientSampleId :
VICV024

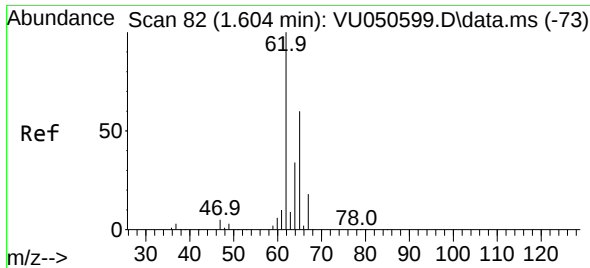
Tgt Ion: 85 Resp: 185950
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 52.746 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 50 Resp: 228157
Ion Ratio Lower Upper
50 100
52 32.1 23.7 43.9

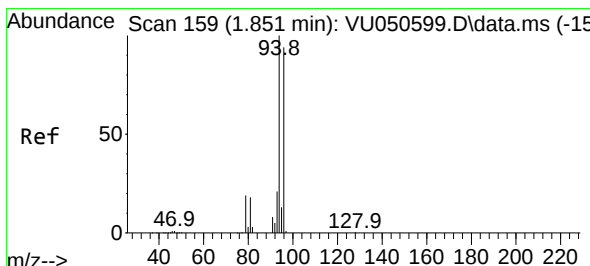
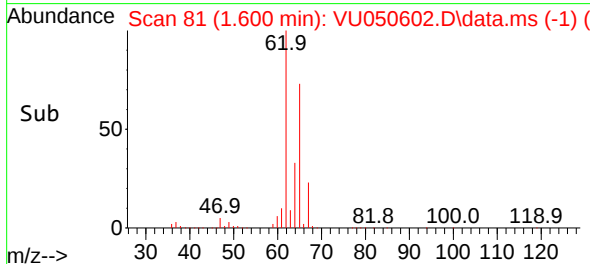
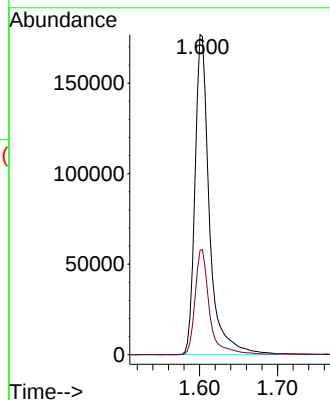
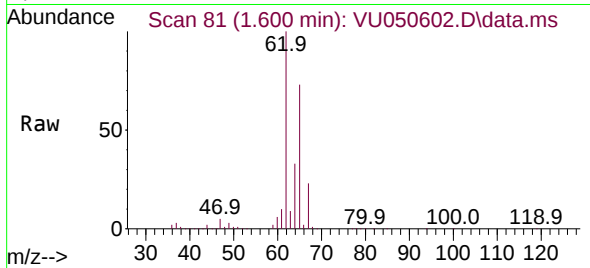




#5
 Vinyl chloride
 Concen: 55.964 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050602.D
 Acq: 02 Sep 2022 18:23

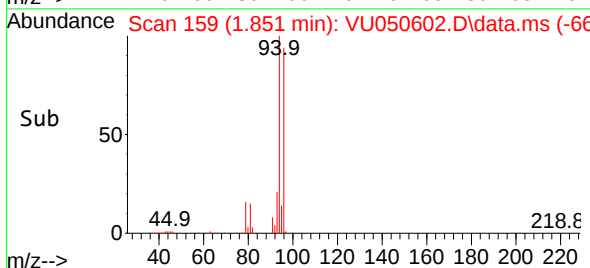
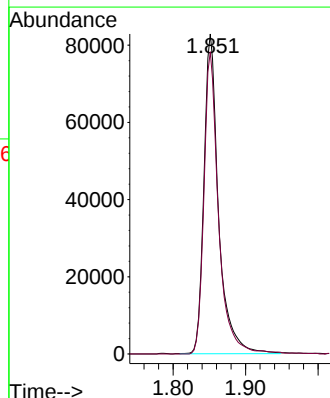
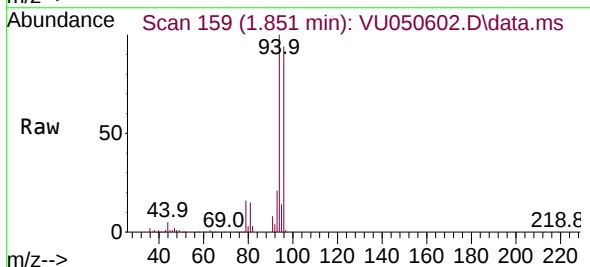
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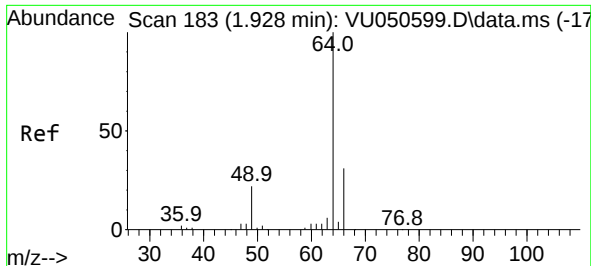
Tgt Ion: 62 Resp: 228074
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.5 43.7



#6
 Bromomethane
 Concen: 56.542 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU050602.D
 Acq: 02 Sep 2022 18:23

Tgt Ion: 94 Resp: 116211
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.6 121.8

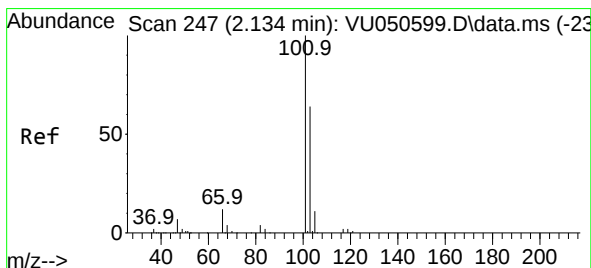
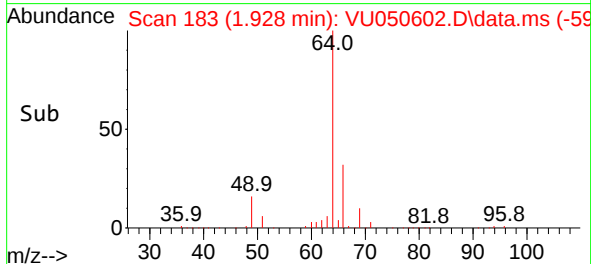
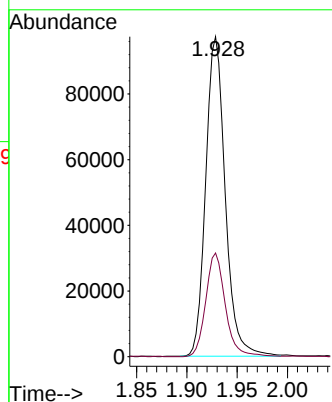
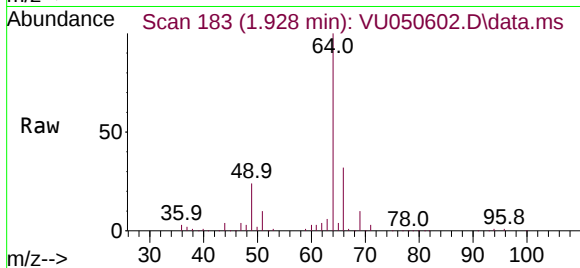




#8
Chloroethane
Concen: 60.729 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

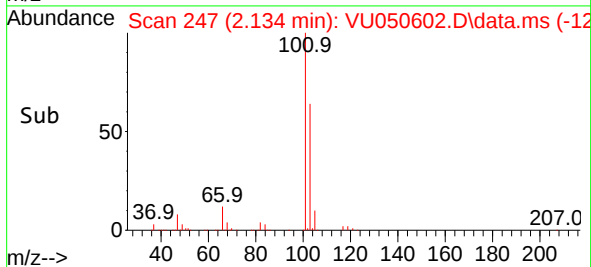
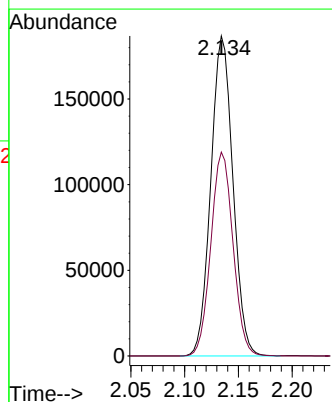
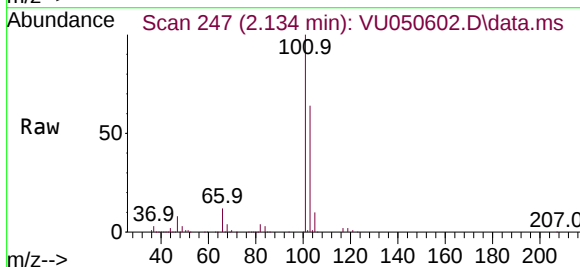
Instrument :
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ClientSampleId :
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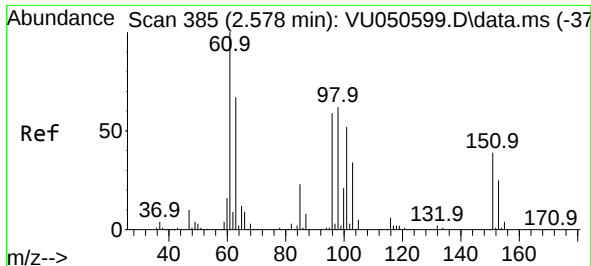
Tgt Ion: 64 Resp: 131452
Ion Ratio Lower Upper
64 100
66 32.4 21.9 40.7



#9
Trichlorofluoromethane
Concen: 53.766 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:101 Resp: 266963
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

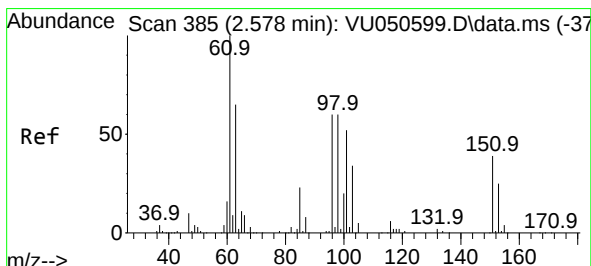
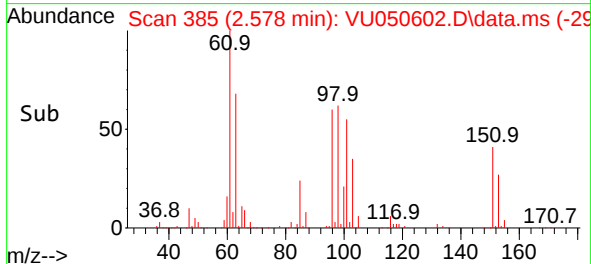
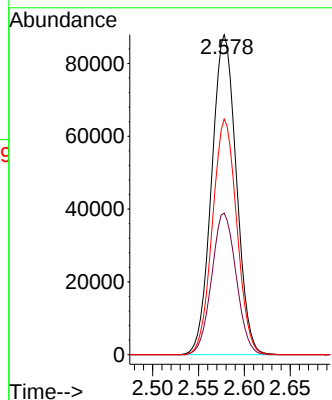
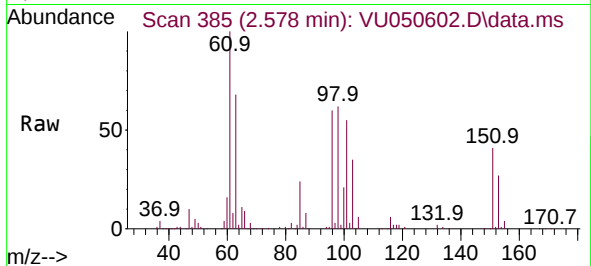




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.509 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050602.D
 Acq: 02 Sep 2022 18:23

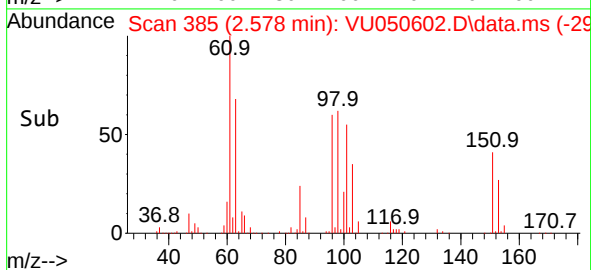
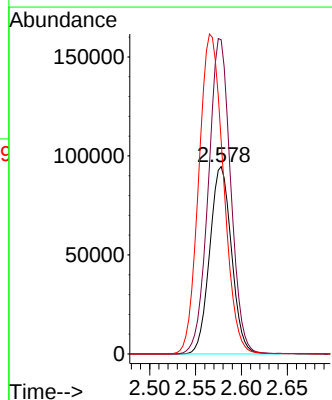
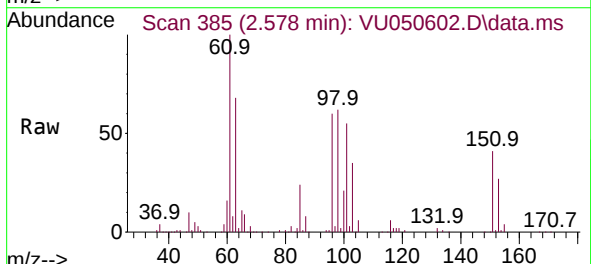
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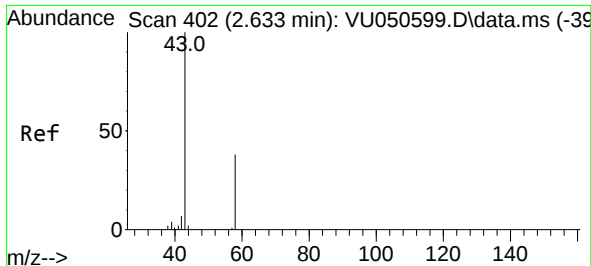
Tgt Ion:101 Resp: 164515
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.4 51.6
 151 72.6 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 49.505 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050602.D
 Acq: 02 Sep 2022 18:23

Tgt Ion: 96 Resp: 156674
 Ion Ratio Lower Upper
 96 100
 61 167.7 118.0 219.1
 63 113.8 79.5 147.7





#13

Acetone

Concen: 106.407 ug/L

RT: 2.633 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

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MSVOA_U

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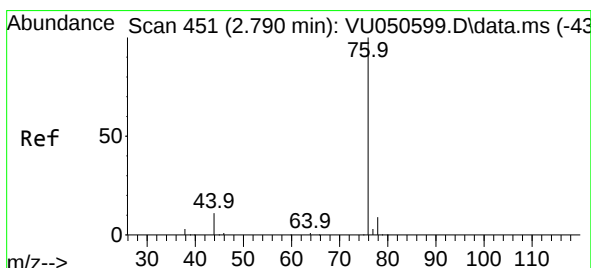
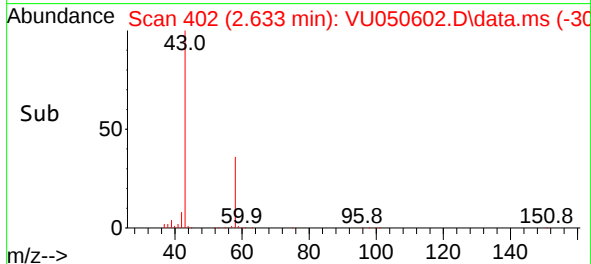
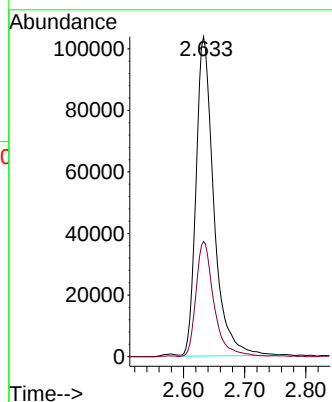
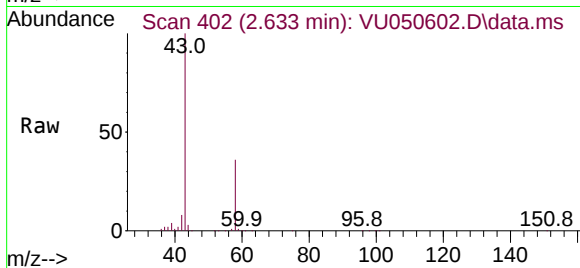
VICV024

Tgt Ion: 43 Resp: 209350

Ion Ratio Lower Upper

43 100

58 36.6 0.0 76.2



#14

Carbon disulfide

Concen: 50.179 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050602.D

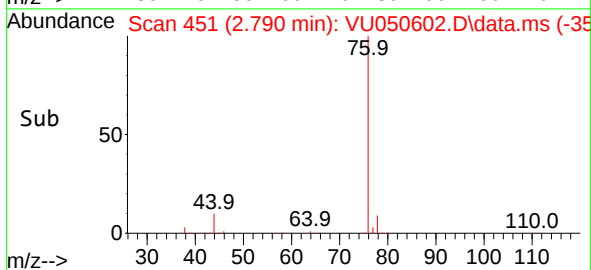
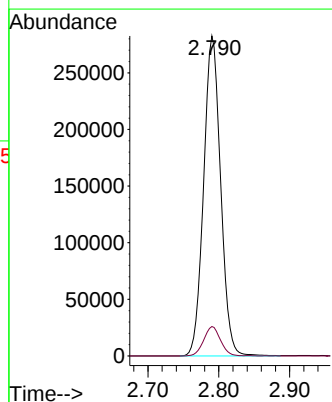
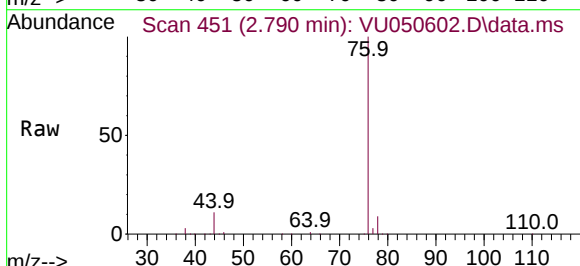
Acq: 02 Sep 2022 18:23

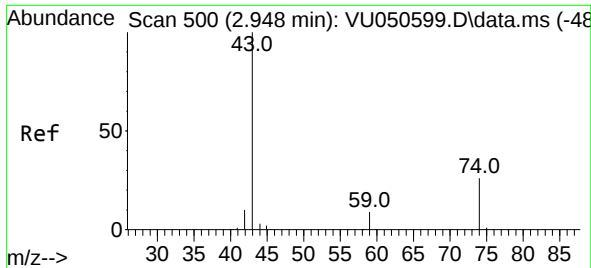
Tgt Ion: 76 Resp: 470921

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

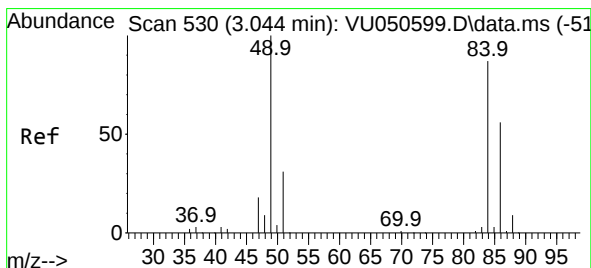
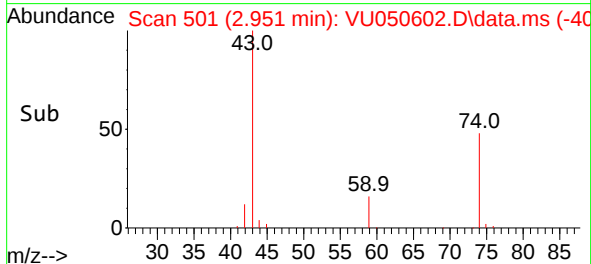
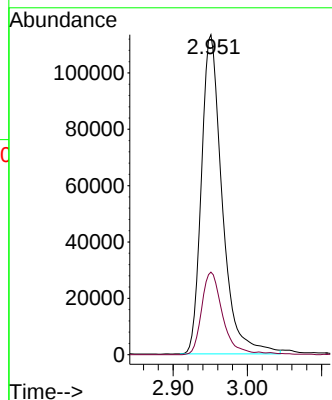
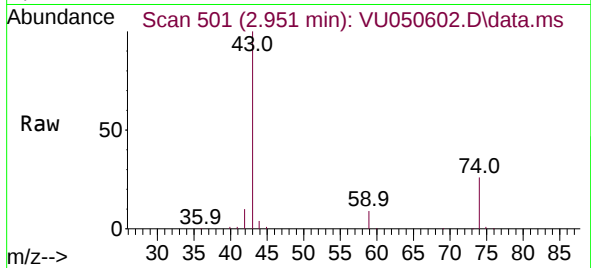




#15
Methyl Acetate
Concen: 53.015 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

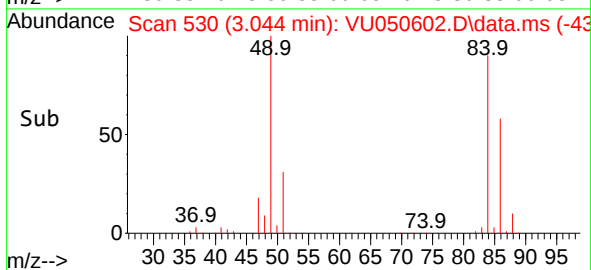
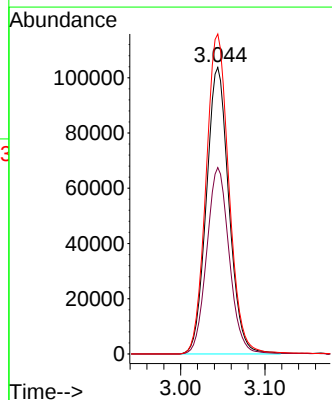
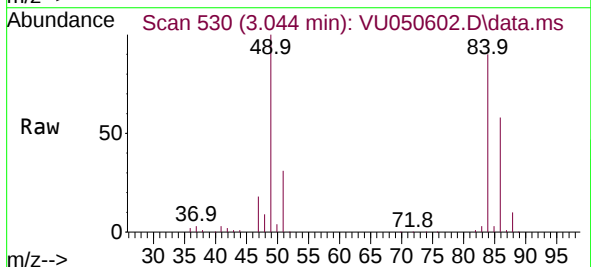
Instrument :
MSVOA_U
ClientSampleId :
VICV024

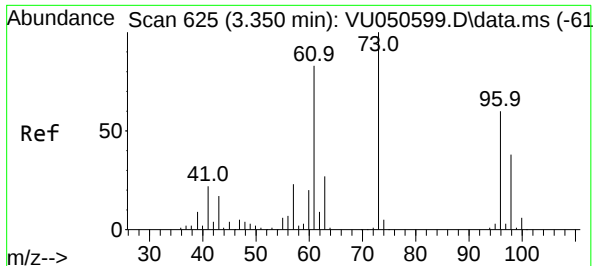
Tgt Ion: 43 Resp: 220590
Ion Ratio Lower Upper
43 100
74 25.7 21.2 31.8



#16
Methylene chloride
Concen: 46.530 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 84 Resp: 193263
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 111.6 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 49.916 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VICV024

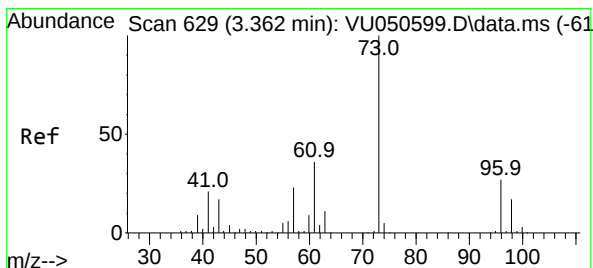
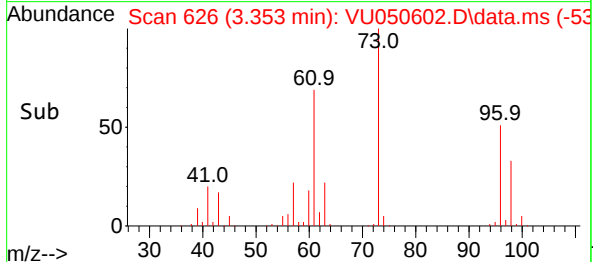
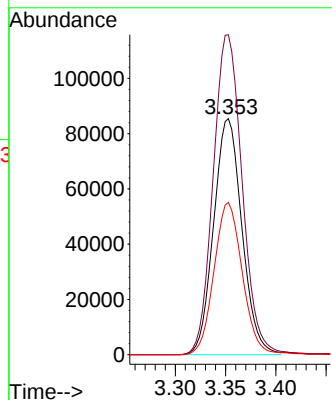
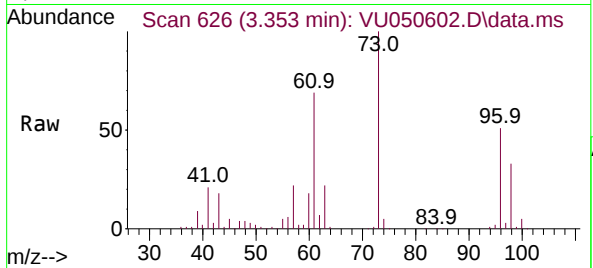
Tgt Ion: 96 Resp: 167518

Ion Ratio Lower Upper

96 100

61 135.6 97.9 181.7

98 64.6 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.404 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

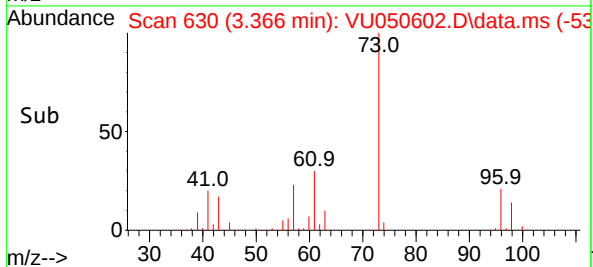
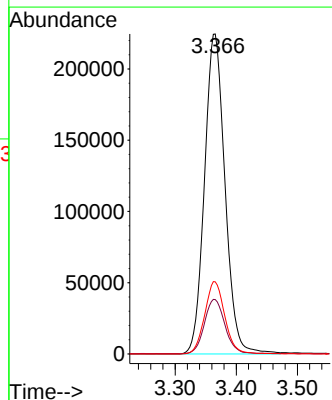
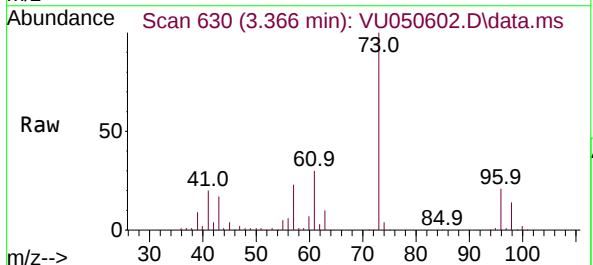
Tgt Ion: 73 Resp: 524475

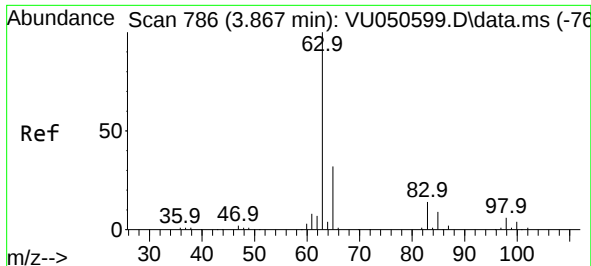
Ion Ratio Lower Upper

73 100

43 17.0 13.4 20.2

57 22.1 17.8 26.8





#19

1,1-Dichloroethane

Concen: 49.528 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VICV024

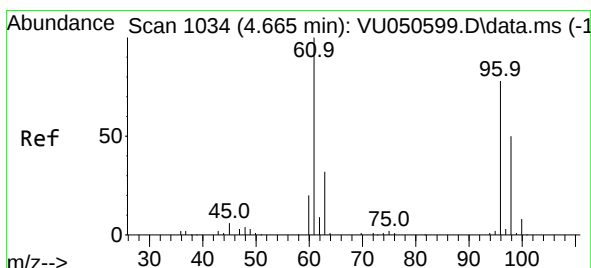
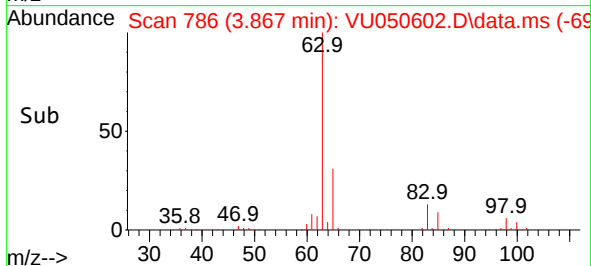
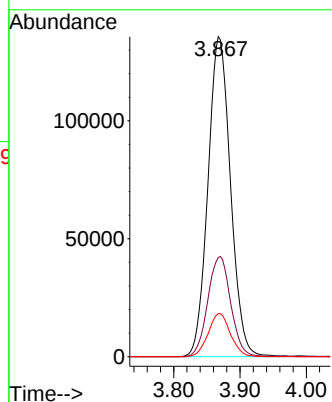
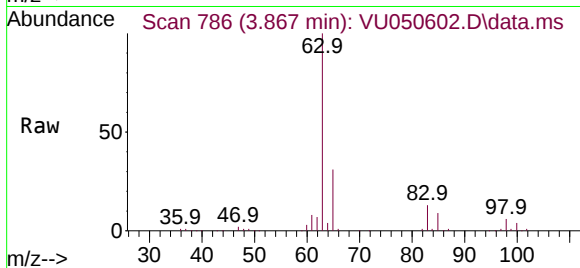
Tgt Ion: 63 Resp: 320682

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 13.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 50.185 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

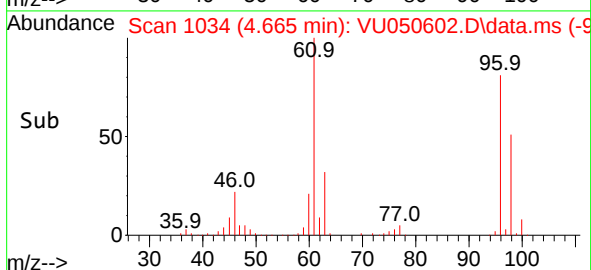
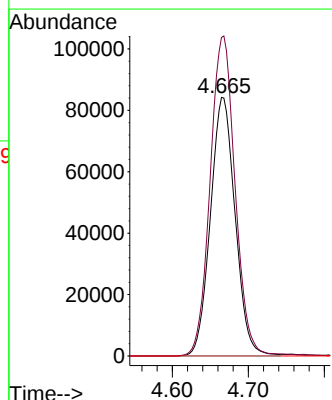
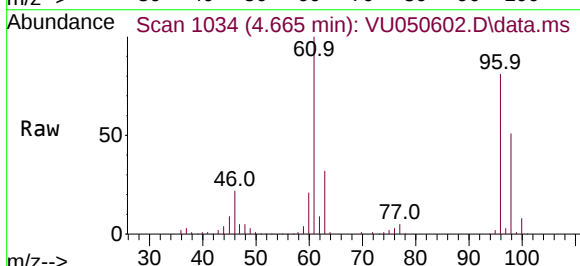
Tgt Ion: 96 Resp: 190028

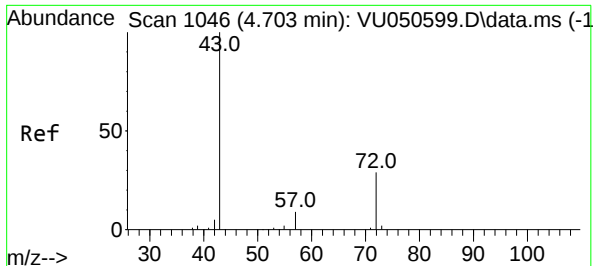
Ion Ratio Lower Upper

96 100

61 123.2 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 109.470 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

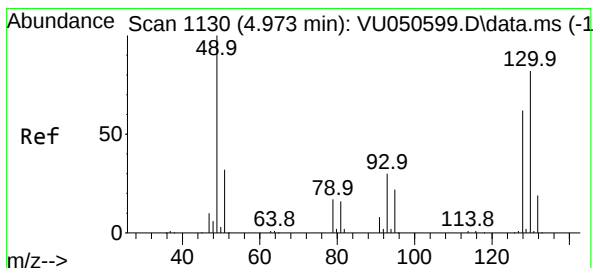
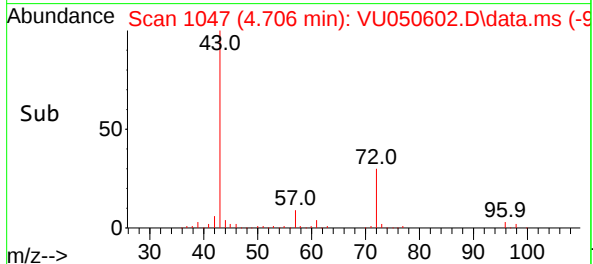
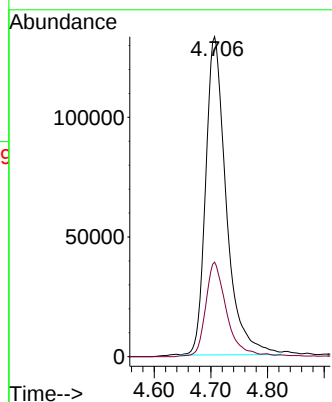
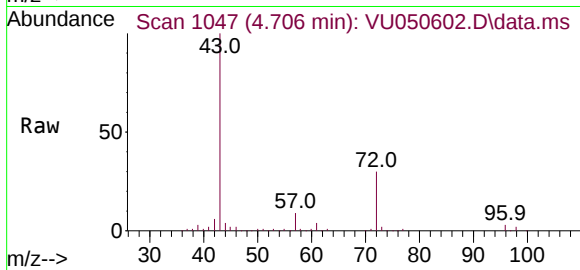
VICV024

Tgt Ion: 43 Resp: 336860

Ion Ratio Lower Upper

43 100

72 29.8 14.6 44.0



#23

Bromochloromethane

Concen: 49.647 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Tgt Ion:128 Resp: 97143

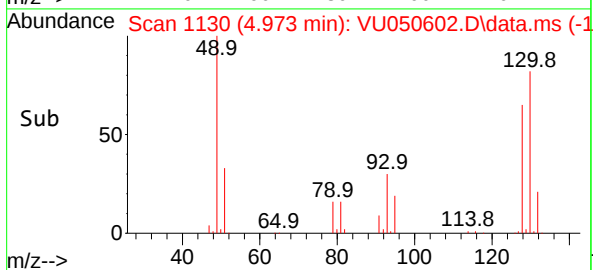
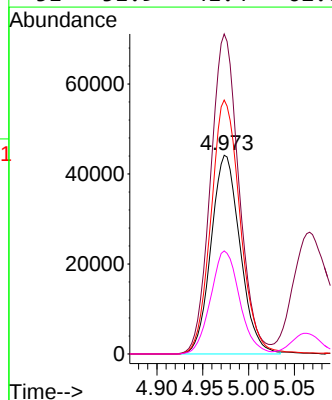
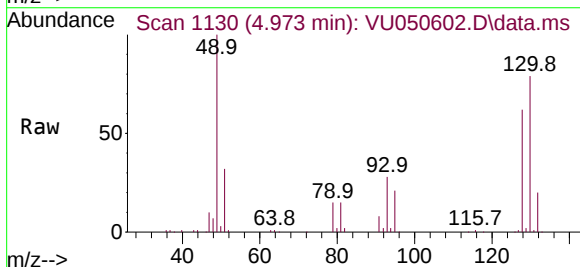
Ion Ratio Lower Upper

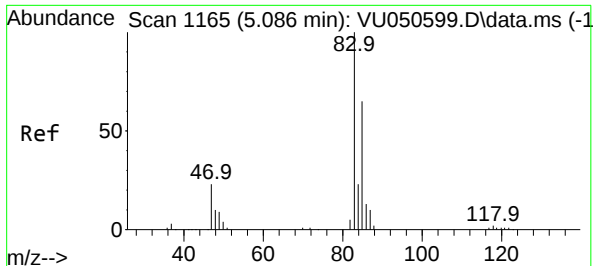
128 100

49 161.0 112.5 208.9

130 127.7 91.8 170.4

51 51.9 41.4 62.0





#25

Chloroform

Concen: 49.626 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

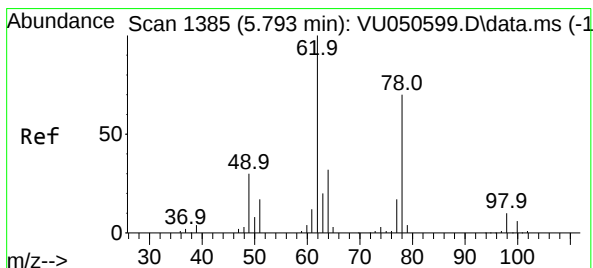
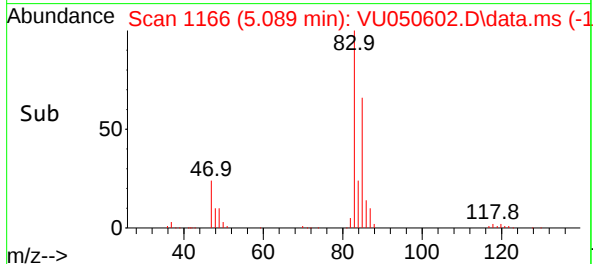
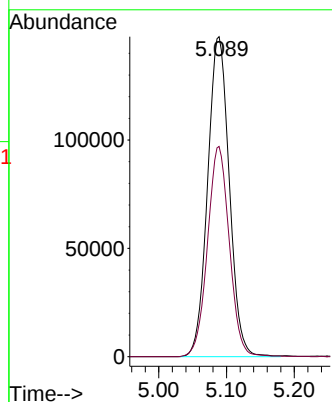
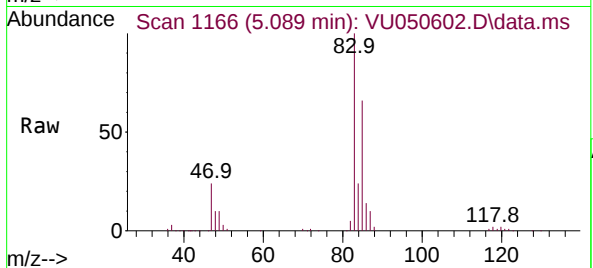
VICV024

Tgt Ion: 83 Resp: 327360

Ion Ratio Lower Upper

83 100

85 65.7 45.6 84.8



#27

1,2-Dichloroethane

Concen: 50.256 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU050602.D

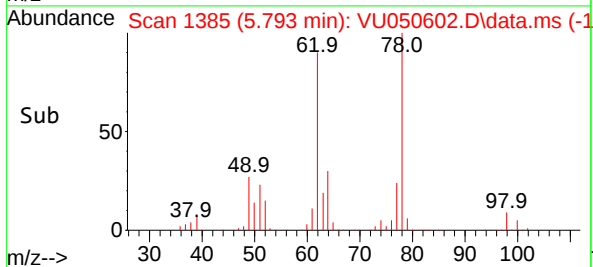
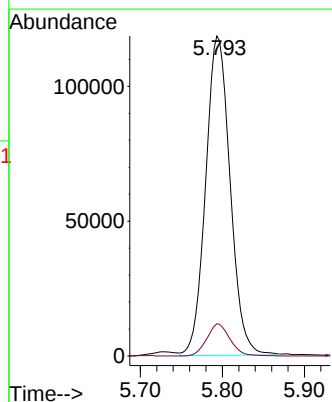
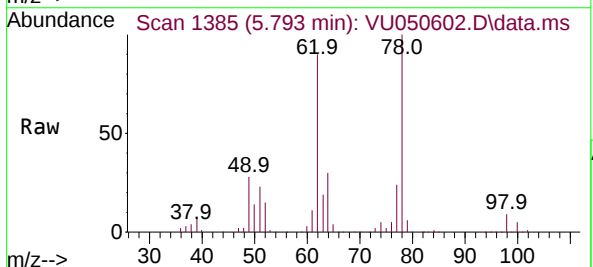
Acq: 02 Sep 2022 18:23

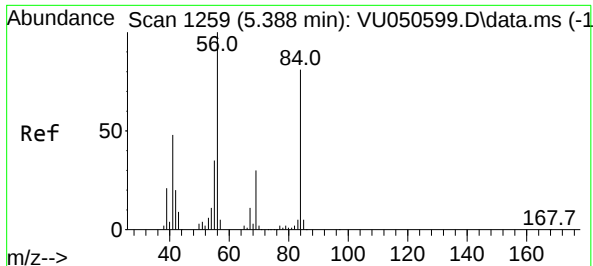
Tgt Ion: 62 Resp: 245713

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2





#29

Cyclohexane

Concen: 51.982 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VICV024

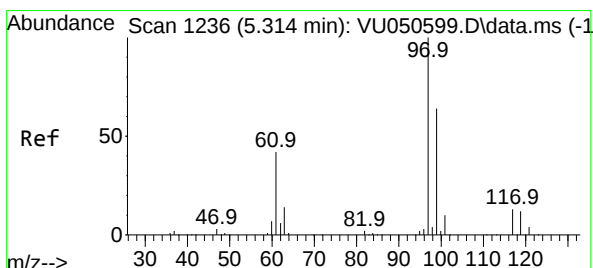
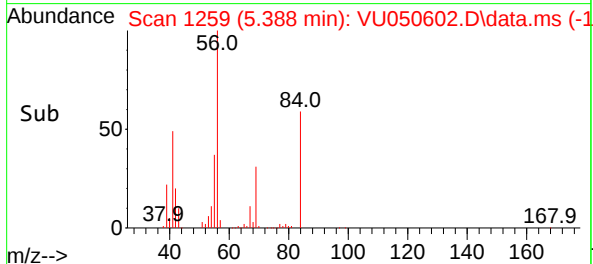
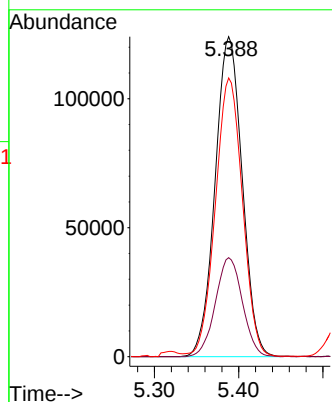
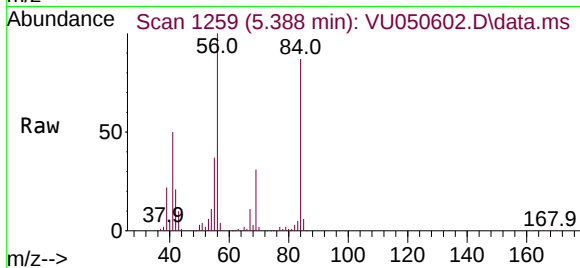
Tgt Ion: 56 Resp: 277213

Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 87.0 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 50.115 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

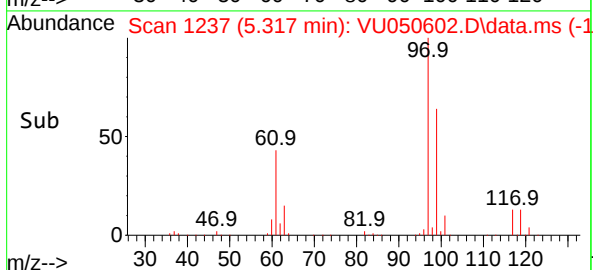
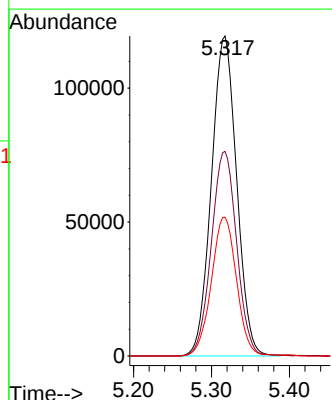
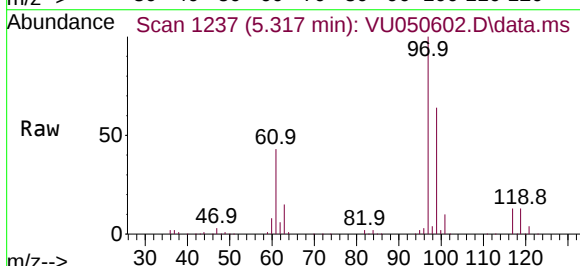
Tgt Ion: 97 Resp: 268786

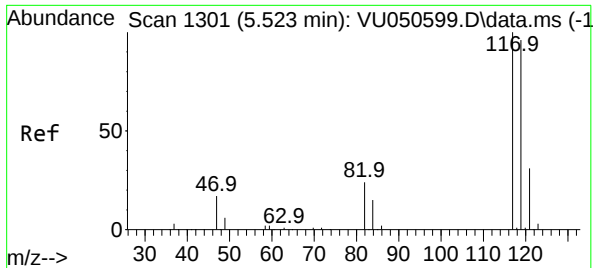
Ion Ratio Lower Upper

97 100

99 64.3 51.2 76.8

61 43.2 34.2 51.4

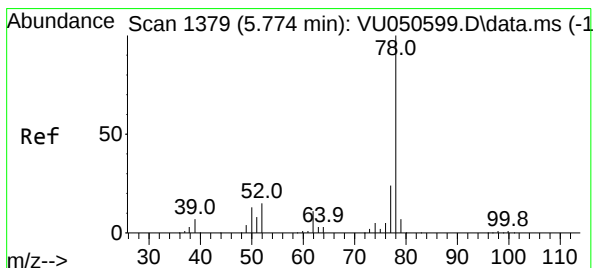
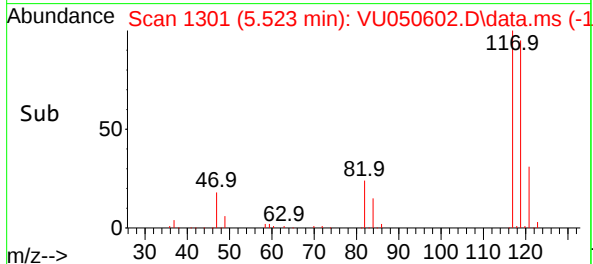
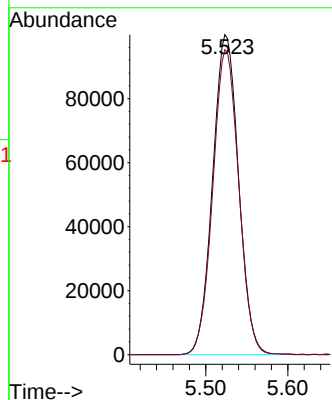
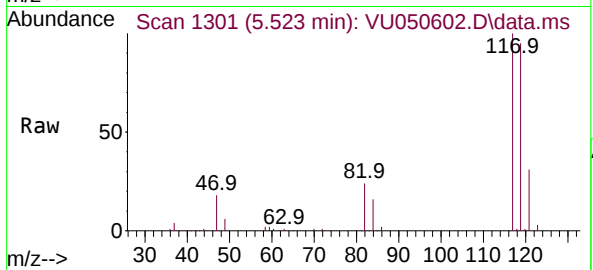




#31
Carbon tetrachloride
Concen: 49.876 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

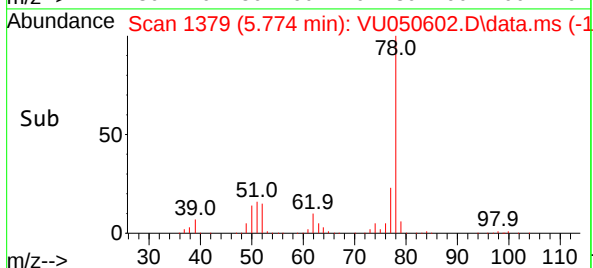
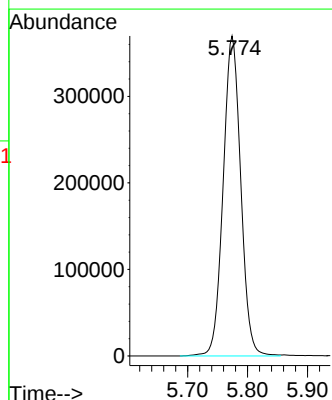
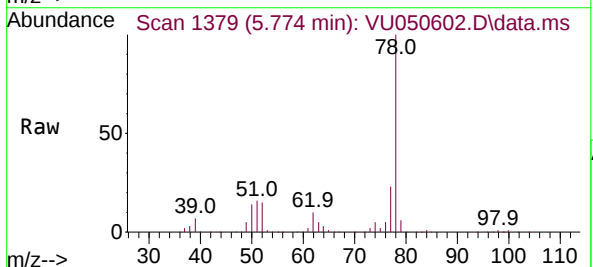
Instrument :
MSVOA_U
ClientSampleId :
VICV024

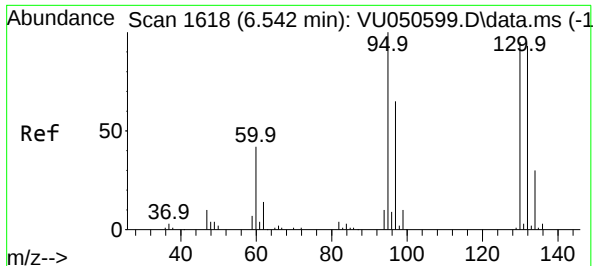
Tgt Ion:117 Resp: 219165
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2



#33
Benzene
Concen: 51.933 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 78 Resp: 752599

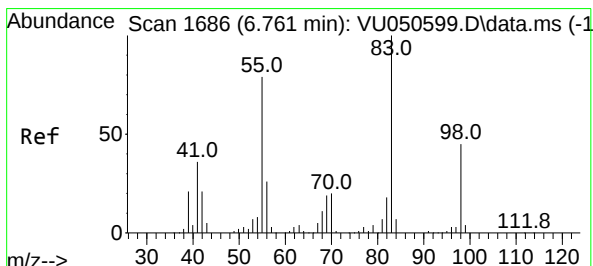
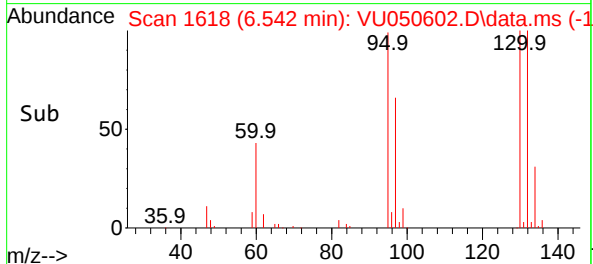
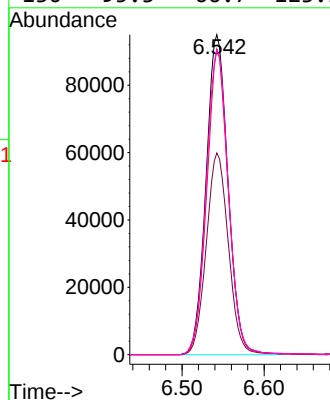
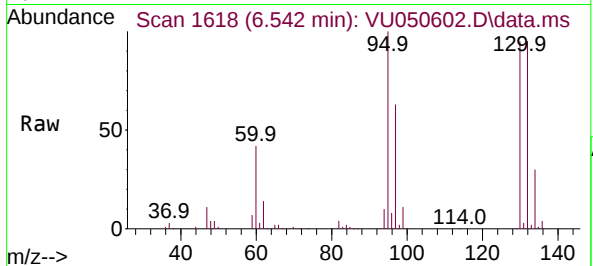




#34
Trichloroethene
Concen: 52.466 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

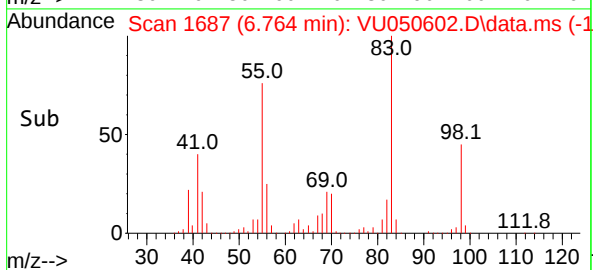
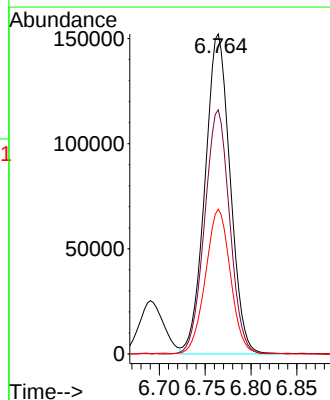
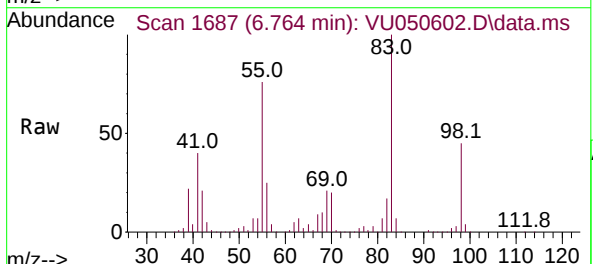
Instrument :
MSVOA_U
ClientSampleId :
VICV024

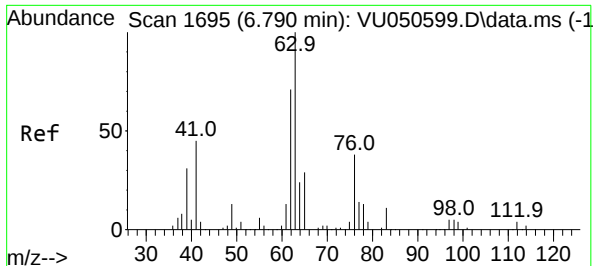
Tgt Ion: 95 Resp: 177162
Ion Ratio Lower Upper
95 100
97 63.1 45.4 84.2
132 95.5 65.2 121.2
130 95.3 66.7 123.9



#35
Methylcyclohexane
Concen: 54.219 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 83 Resp: 291064
Ion Ratio Lower Upper
83 100
55 75.9 62.6 93.8
98 44.9 35.5 53.3





#37

1,2-Dichloropropane

Concen: 52.490 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

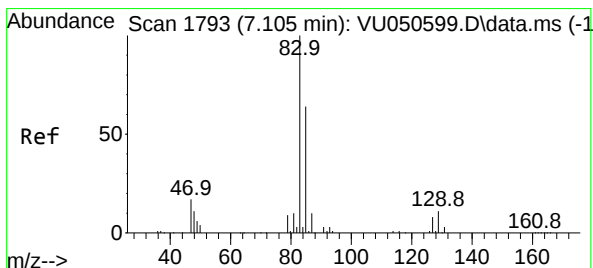
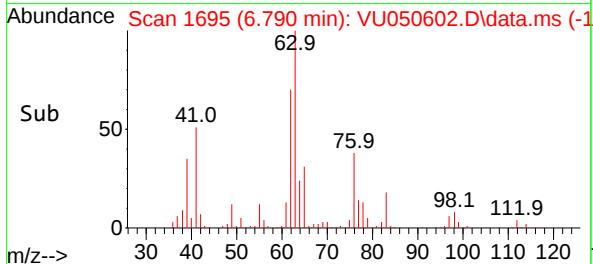
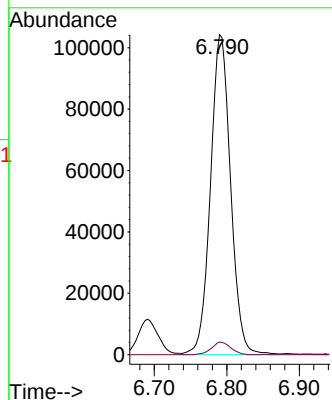
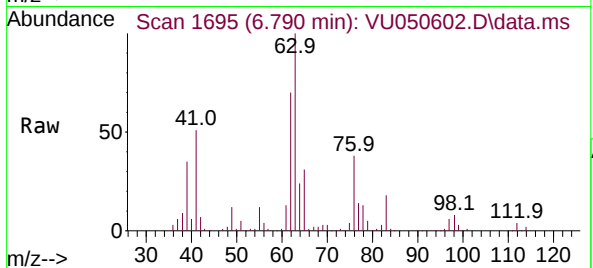
VICV024

Tgt Ion: 63 Resp: 200925

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 53.766 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

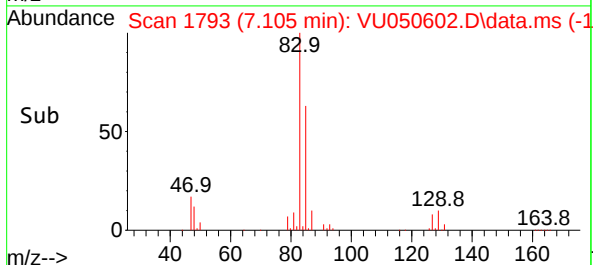
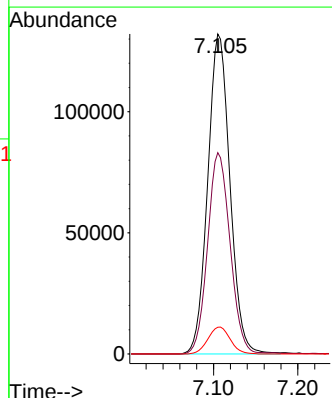
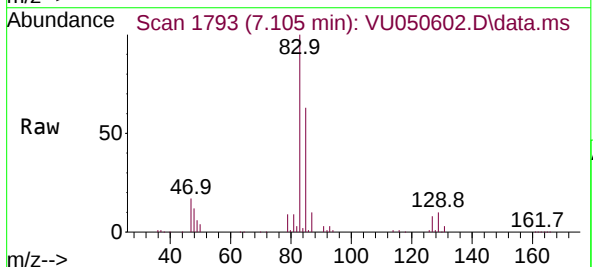
Tgt Ion: 83 Resp: 242101

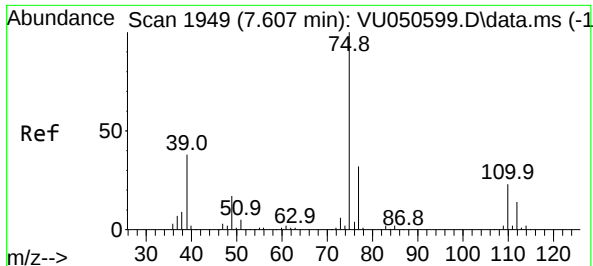
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.5

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 54.264 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

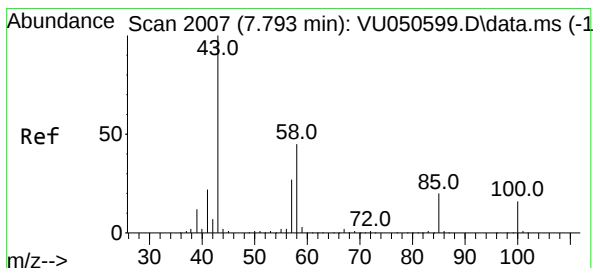
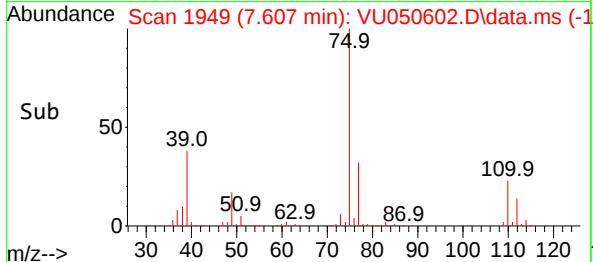
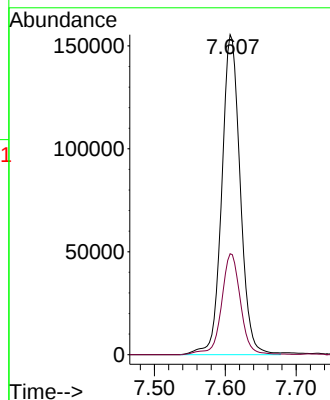
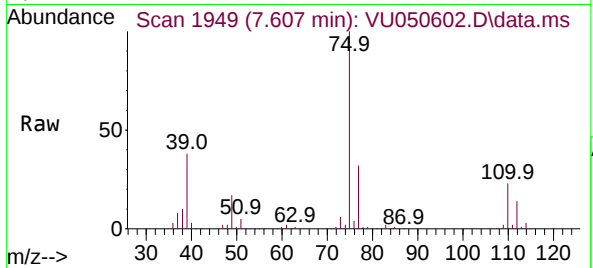
VICV024

Tgt Ion: 75 Resp: 281157

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 112.493 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

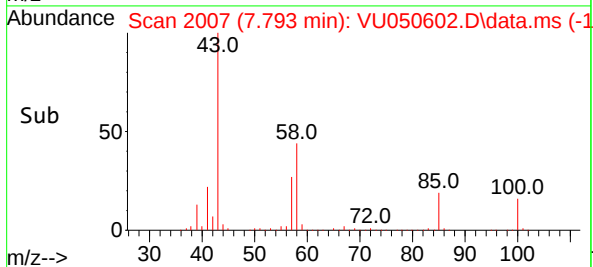
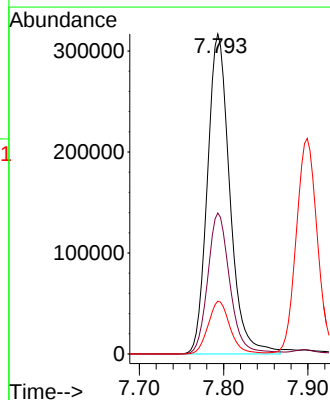
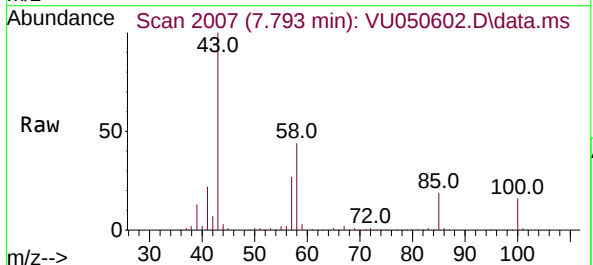
Tgt Ion: 43 Resp: 586801

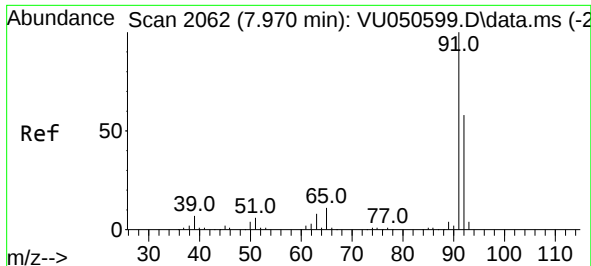
Ion Ratio Lower Upper

43 100

58 43.6 35.1 52.7

100 16.1 12.9 19.3

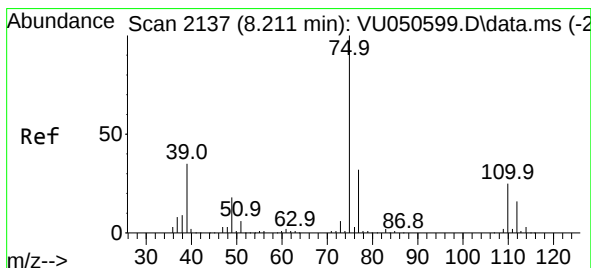
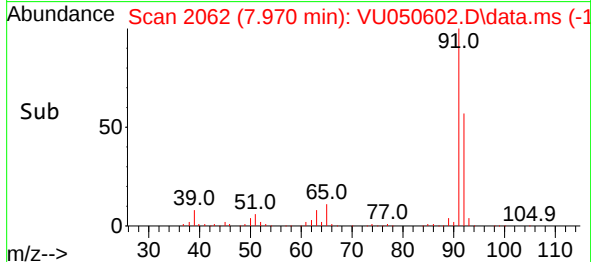
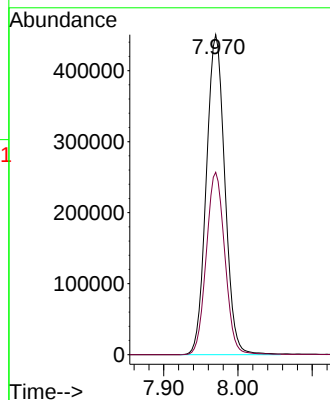
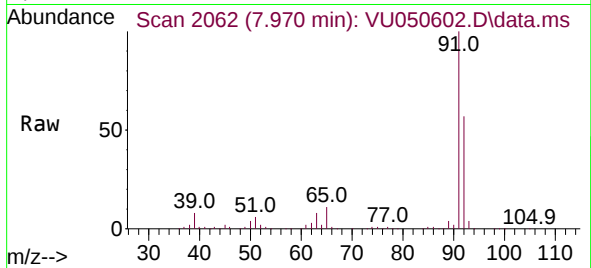




#42
Toluene
Concen: 53.017 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

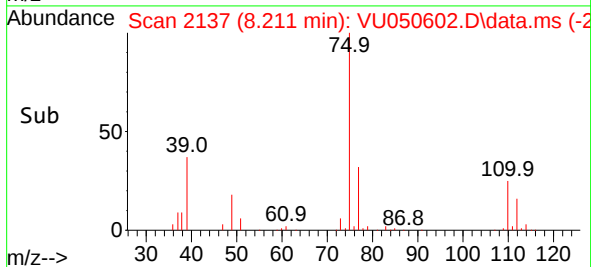
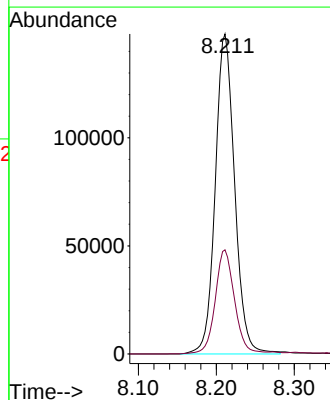
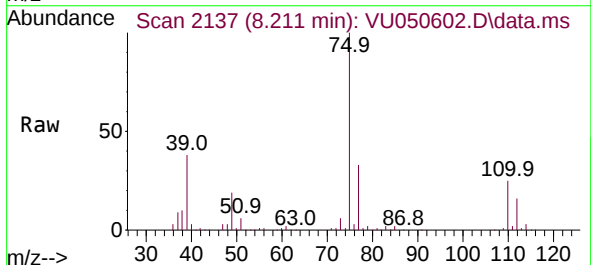
Instrument :
MSVOA_U
ClientSampleId :
VICV024

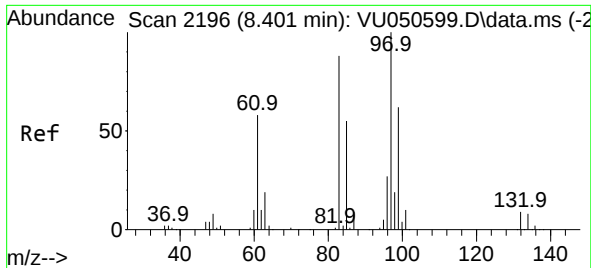
Tgt Ion: 91 Resp: 780427
Ion Ratio Lower Upper
91 100
92 57.0 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 52.752 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 75 Resp: 256442
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1

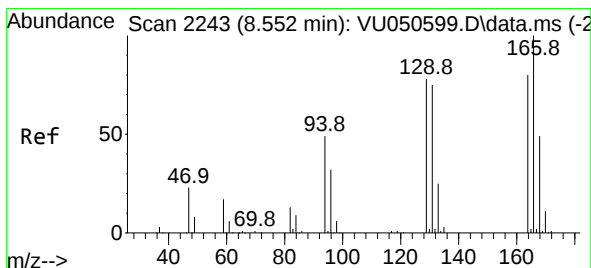
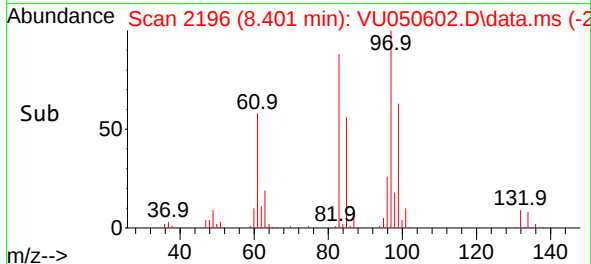
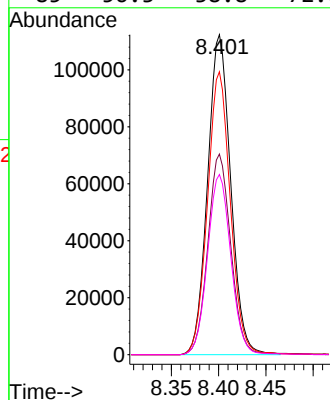
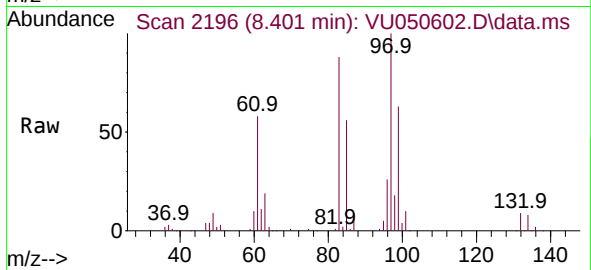




#45
1,1,2-Trichloroethane
Concen: 51.971 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

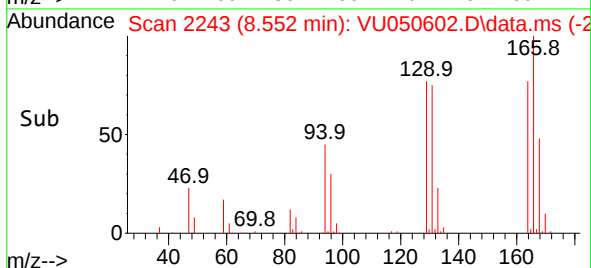
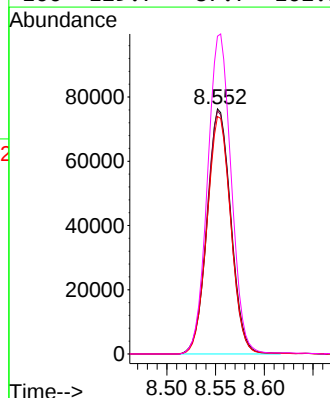
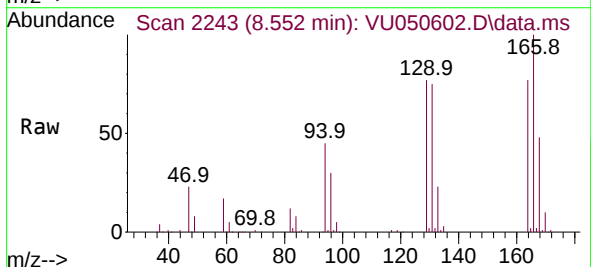
Instrument :
MSVOA_U
ClientSampleId :
VICV024

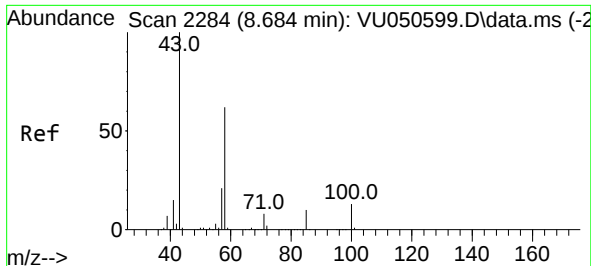
Tgt Ion:	97	Resp:	191107
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.5	80.9
83	88.4	61.6	114.4
85	56.3	38.8	72.0



#46
Tetrachloroethene
Concen: 52.555 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:	164	Resp:	129617
Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.7	127.5
131	96.9	66.2	123.0
166	129.7	87.7	162.9

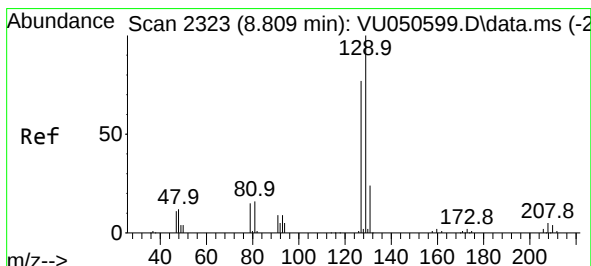
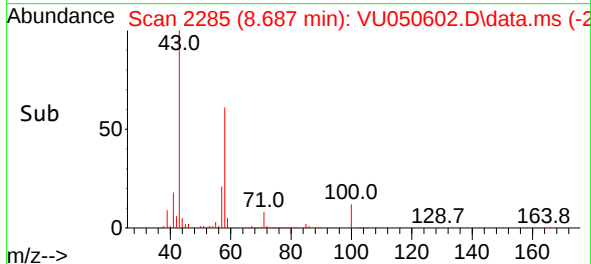
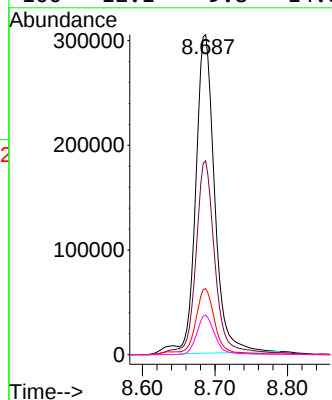
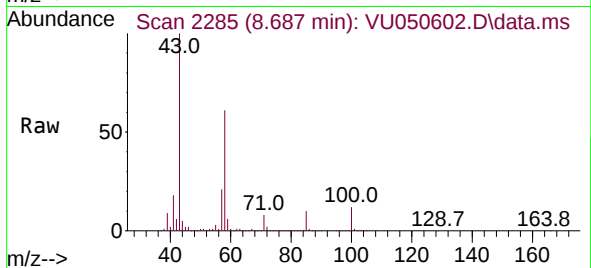




#48
2-Hexanone
Concen: 111.538 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

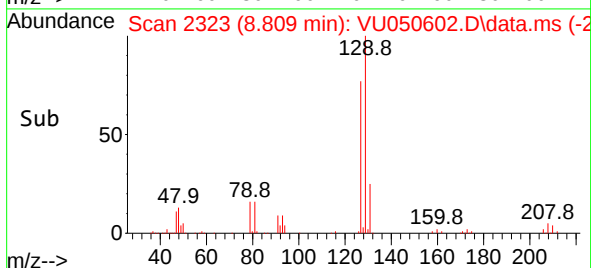
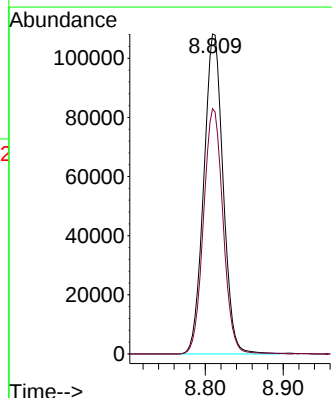
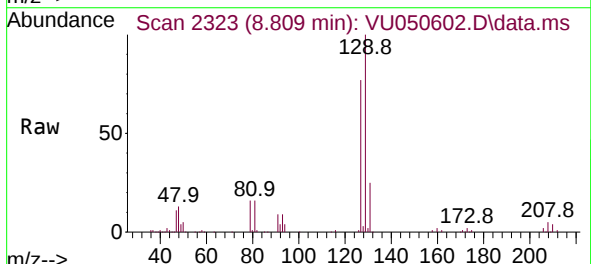
Instrument :
MSVOA_U
ClientSampleId :
VICV024

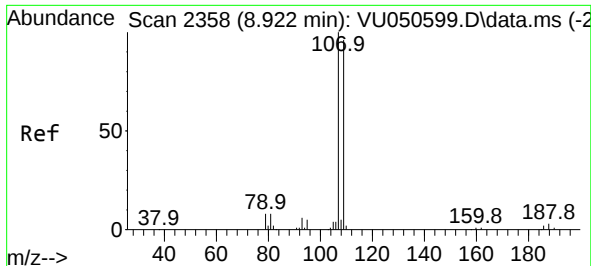
Tgt Ion: 43 Resp: 542988
Ion Ratio Lower Upper
43 100
58 63.1 51.8 77.6
57 20.7 17.0 25.4
100 12.1 9.8 14.8



#49
Dibromochloromethane
Concen: 53.206 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 129 Resp: 186607
Ion Ratio Lower Upper
129 100
127 76.7 53.8 100.0

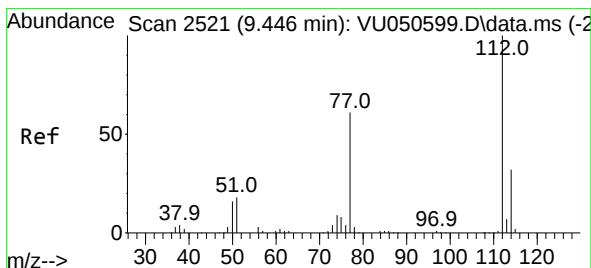
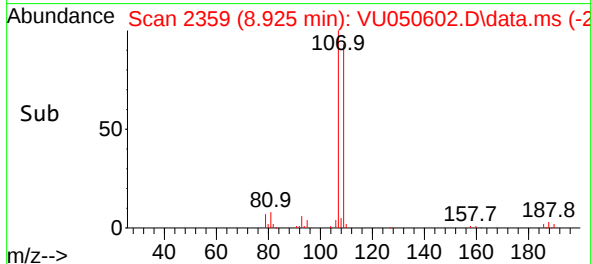
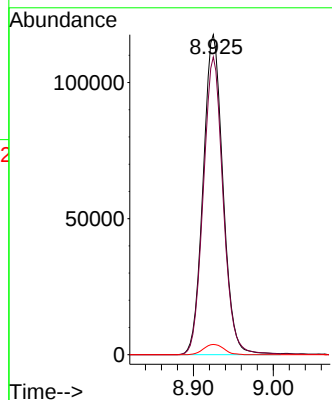
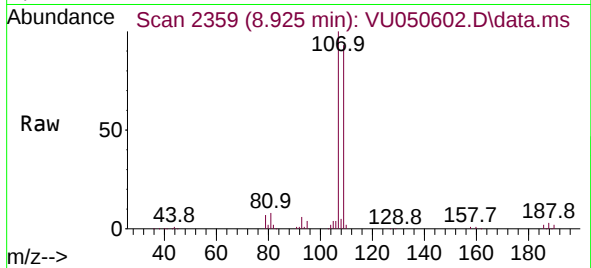




#50
1,2-Dibromoethane
Concen: 54.337 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

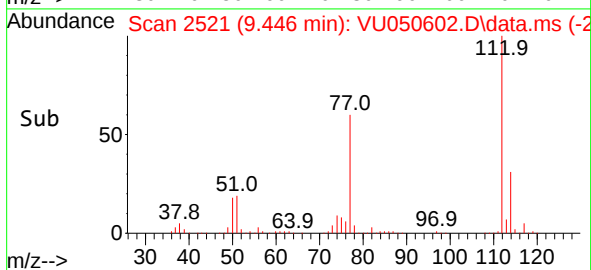
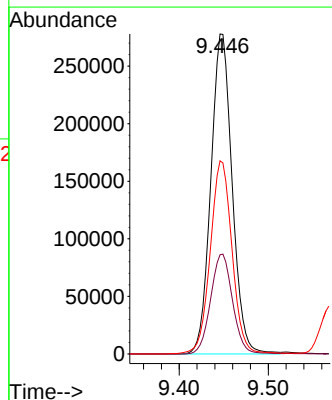
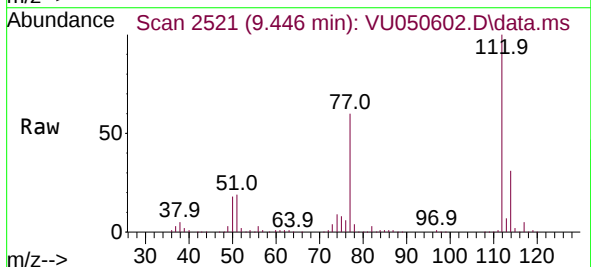
Instrument :
MSVOA_U
ClientSampleId :
VICV024

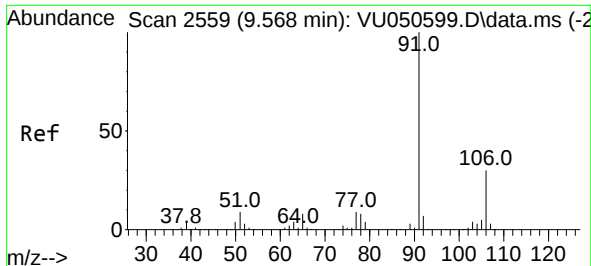
Tgt Ion:107 Resp: 203200
Ion Ratio Lower Upper
107 100
109 93.1 67.5 125.4
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 50.573 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:112 Resp: 462030
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 60.3 49.2 73.8

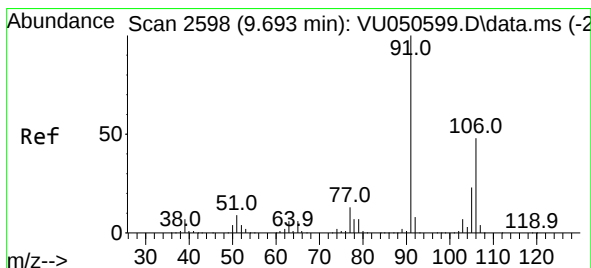
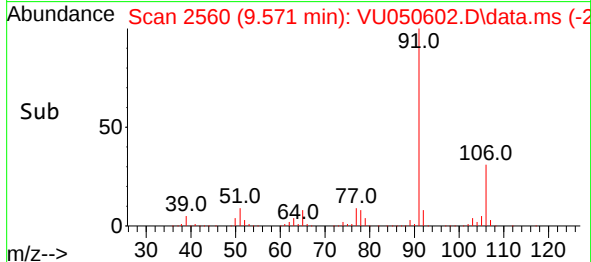
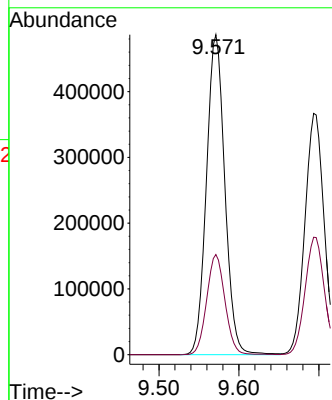
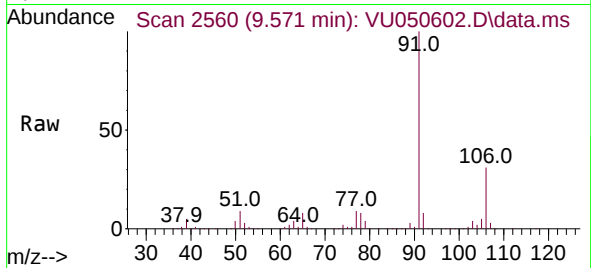




#52
Ethylbenzene
Concen: 53.488 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

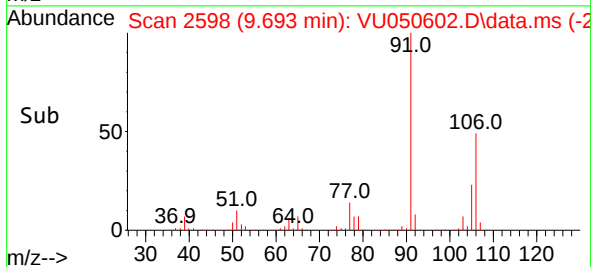
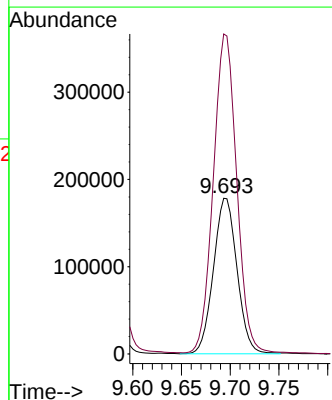
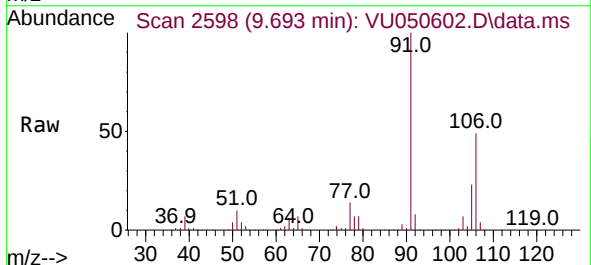
Instrument :
MSVOA_U
ClientSampleId :
VICV024

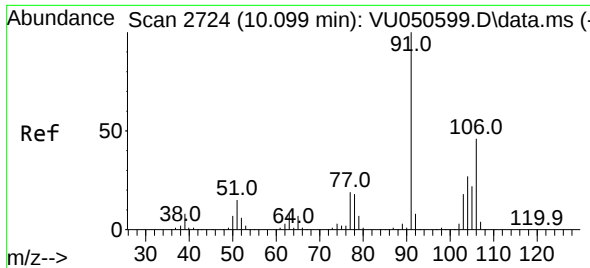
Tgt Ion: 91 Resp: 777832
Ion Ratio Lower Upper
91 100
106 31.3 21.2 39.4



#53
m,p-Xylene
Concen: 53.738 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion: 106 Resp: 299395
Ion Ratio Lower Upper
106 100
91 205.5 147.1 273.3

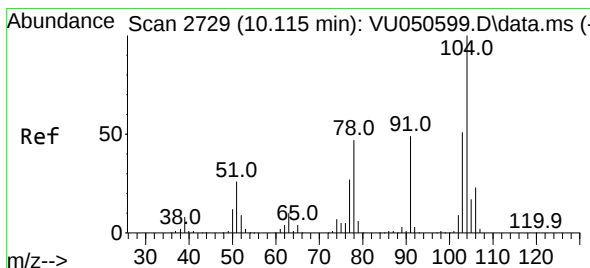
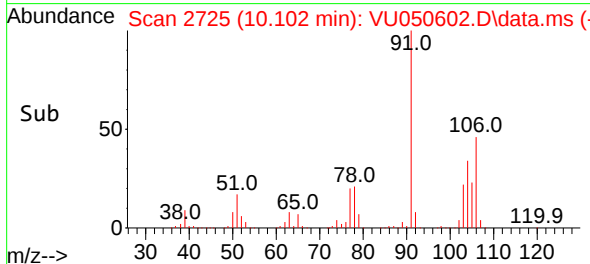
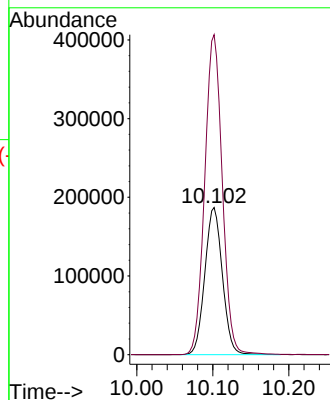
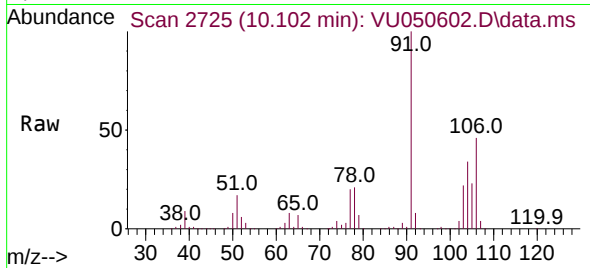




#54
o-Xylene
Concen: 54.108 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

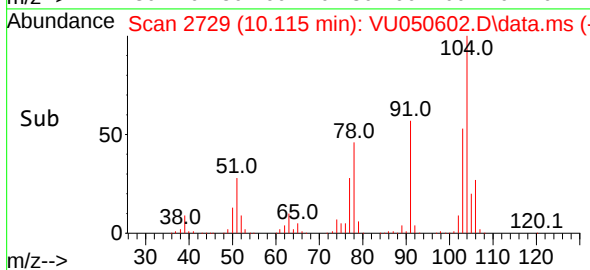
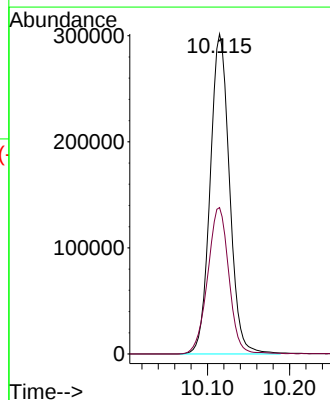
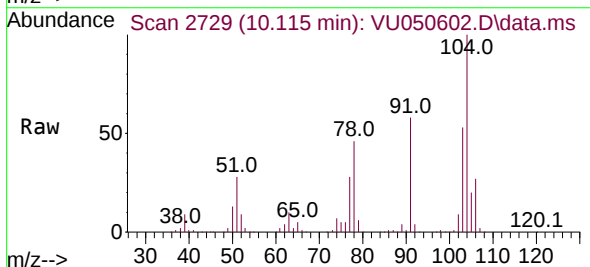
Instrument :
MSVOA_U
ClientSampleId :
VICV024

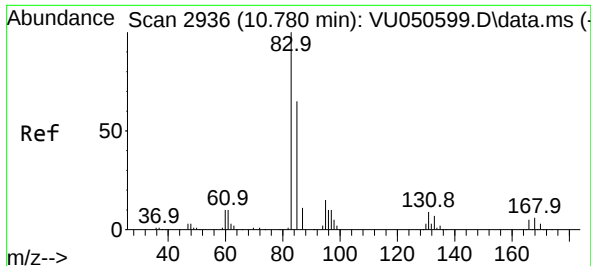
Tgt Ion:106 Resp: 300122
Ion Ratio Lower Upper
106 100
91 217.5 153.4 284.8



#55
Styrene
Concen: 54.192 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:104 Resp: 494576
Ion Ratio Lower Upper
104 100
78 45.7 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 51.957 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VICV024

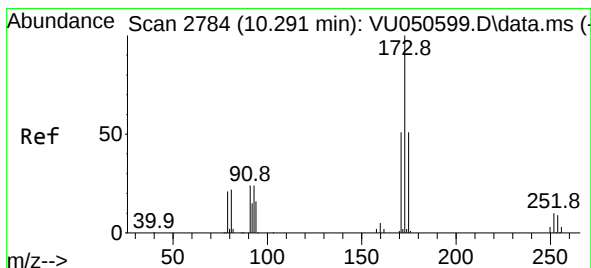
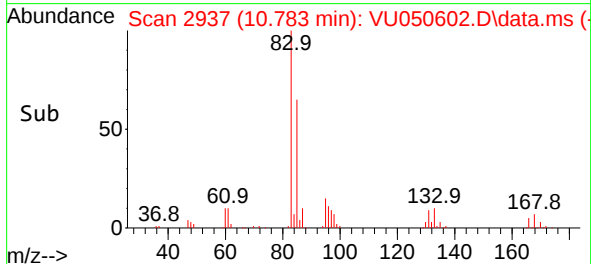
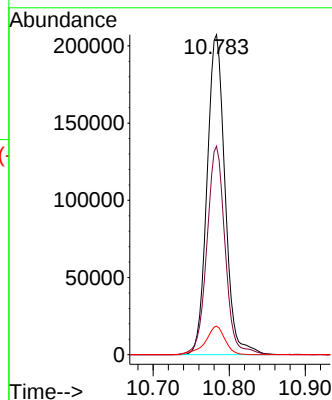
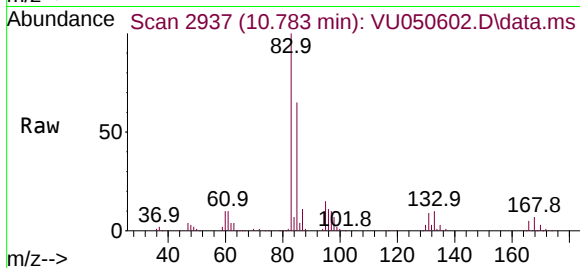
Tgt Ion: 83 Resp: 340313

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5

131 8.9 7.7 11.5



#59

Bromoform

Concen: 49.554 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

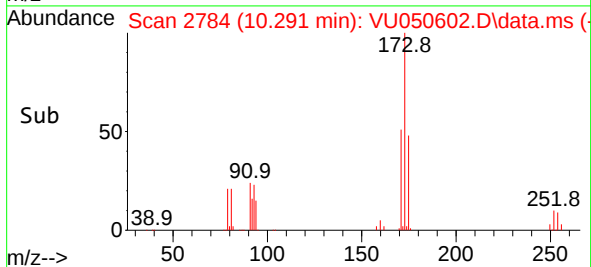
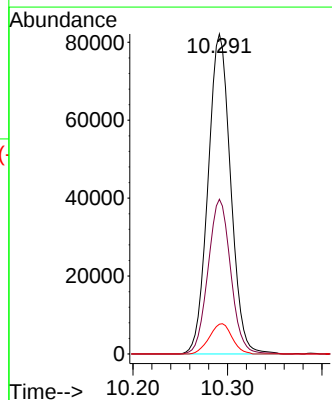
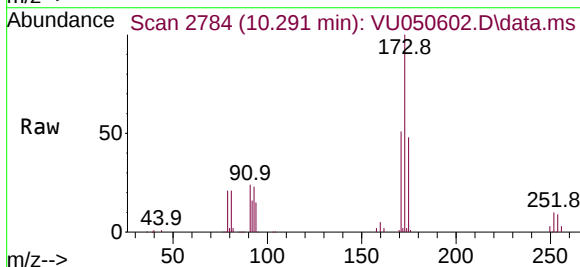
Tgt Ion:173 Resp: 136336

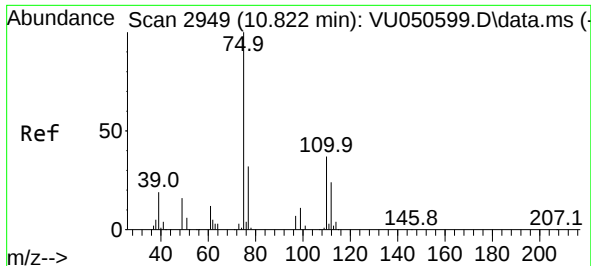
Ion Ratio Lower Upper

173 100

175 48.4 40.0 60.0

254 9.5 7.4 11.0

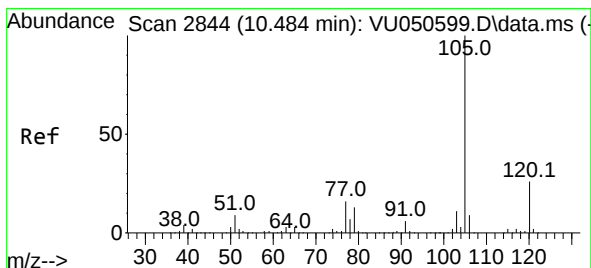
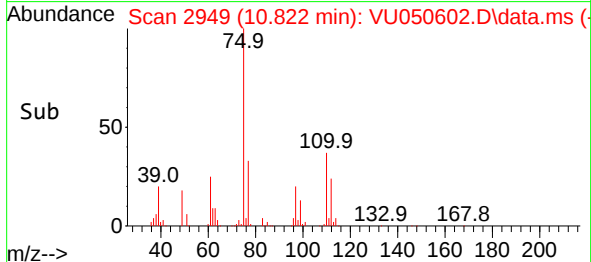
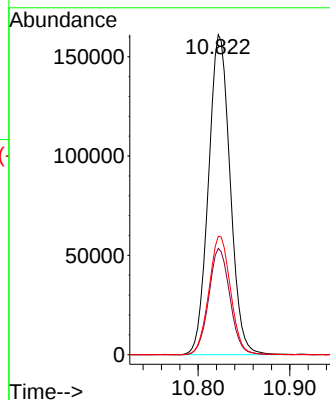
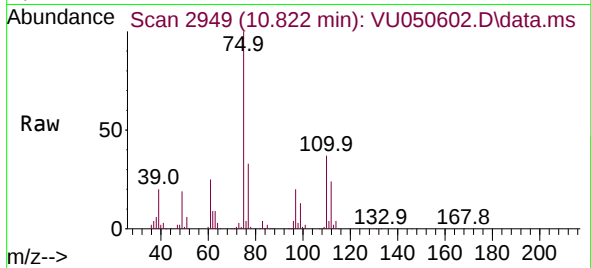




#60
1,2,3-Trichloropropane
Concen: 48.881 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

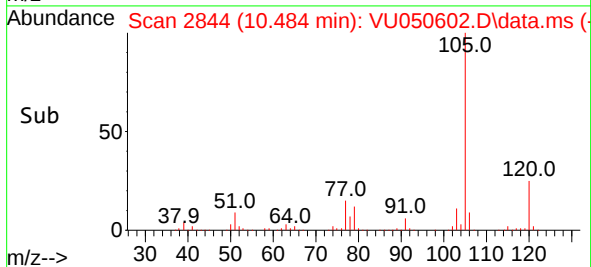
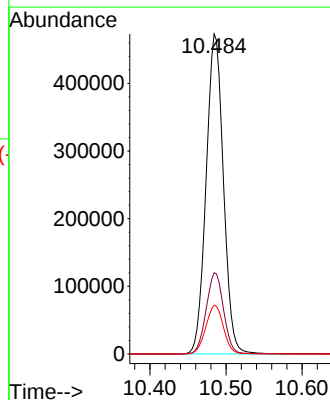
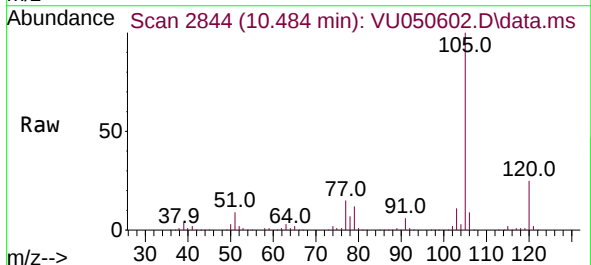
Instrument :
MSVOA_U
ClientSampleId :
VICV024

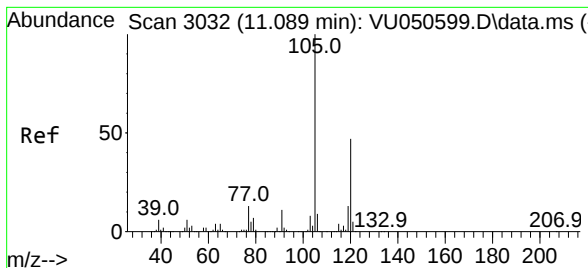
Tgt Ion:	75	Resp:	264473
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
110	37.0	29.3	43.9



#61
Isopropylbenzene
Concen: 51.208 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:	105	Resp:	747446
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.4	30.6
77	15.6	12.8	19.2

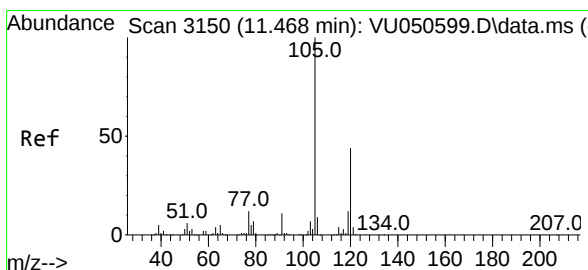
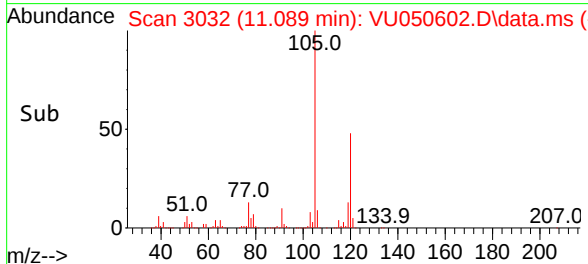
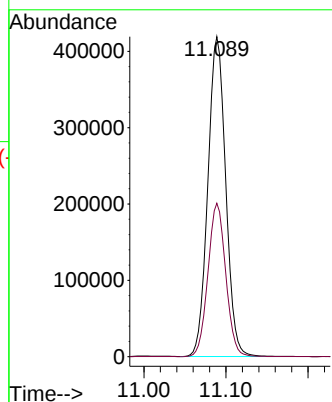
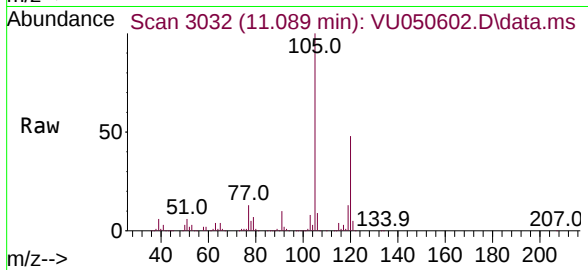




#62
1,3,5-Trimethylbenzene
Concen: 50.721 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

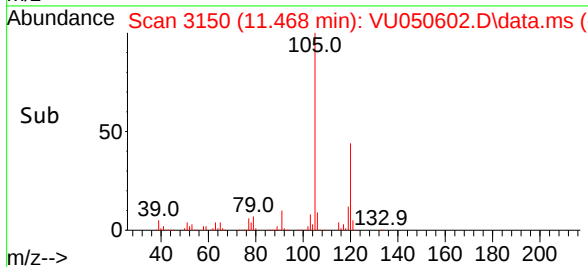
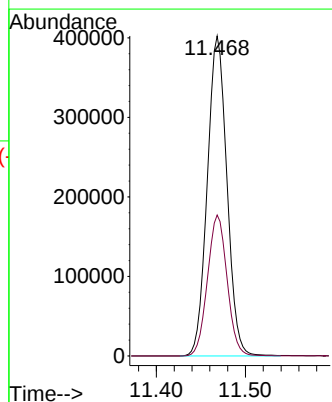
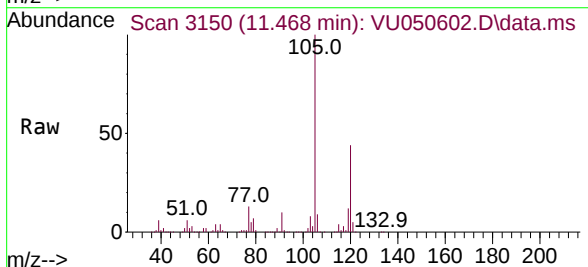
Instrument :
MSVOA_U
ClientSampleId :
VICV024

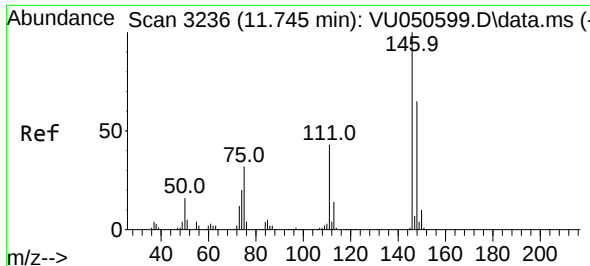
Tgt Ion:105 Resp: 632926
Ion Ratio Lower Upper
105 100
120 47.9 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 51.336 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:105 Resp: 615156
Ion Ratio Lower Upper
105 100
120 44.0 35.3 52.9

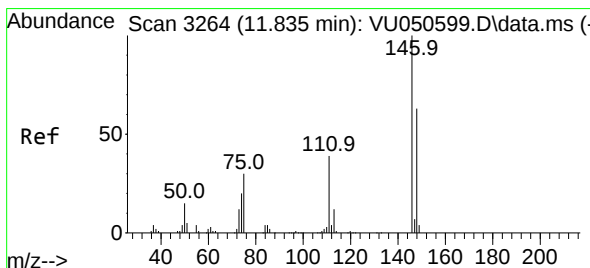
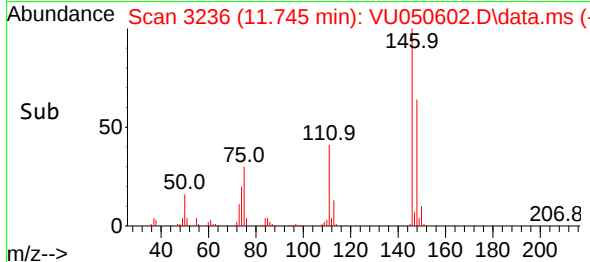
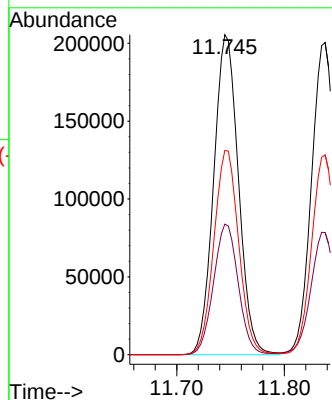
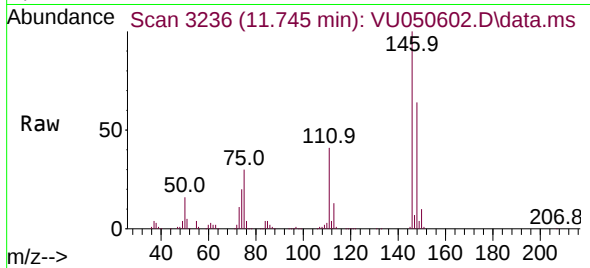




#64
1,3-Dichlorobenzene
Concen: 51.202 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

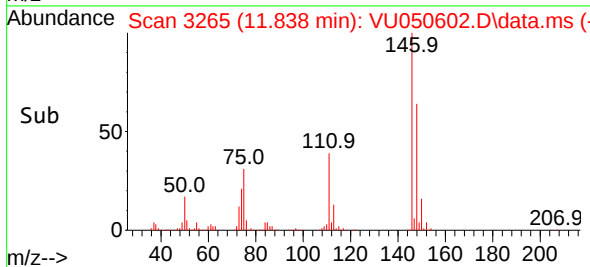
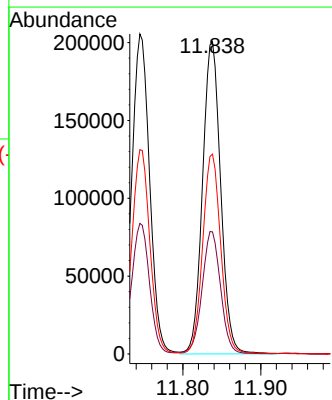
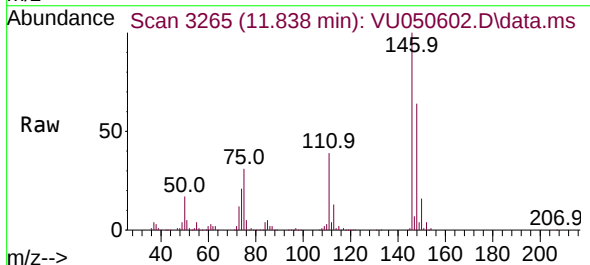
Instrument :
MSVOA_U
ClientSampleId :
VICV024

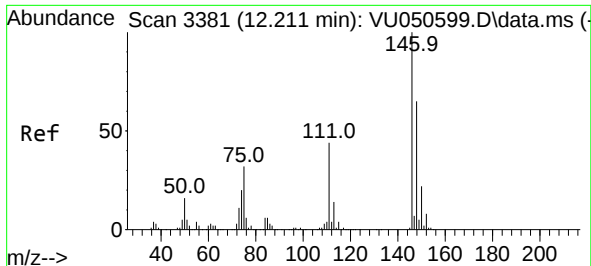
Tgt Ion:146 Resp: 328840
Ion Ratio Lower Upper
146 100
111 40.8 29.9 55.5
148 63.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 51.068 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:146 Resp: 324196
Ion Ratio Lower Upper
146 100
111 39.1 27.9 51.7
148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.578 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VICV024

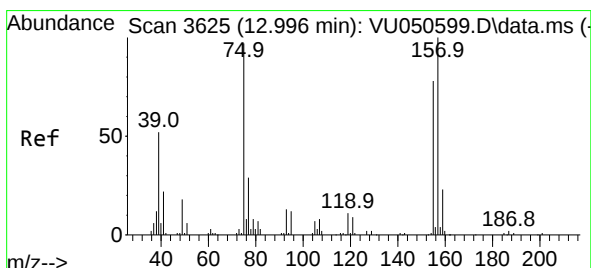
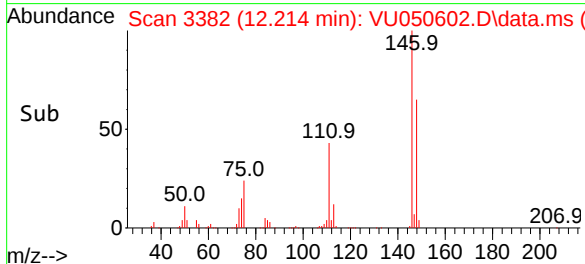
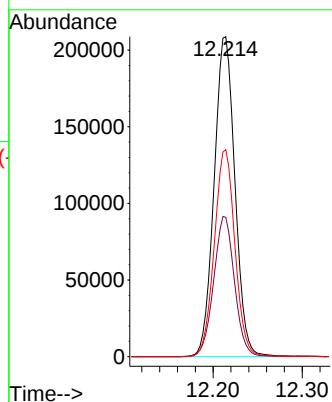
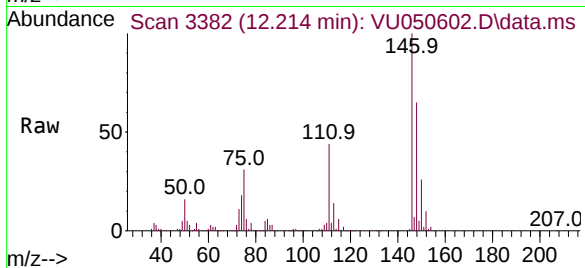
Tgt Ion:146 Resp: 339118

Ion Ratio Lower Upper

146 100

111 43.6 35.1 52.7

148 64.7 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 48.950 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

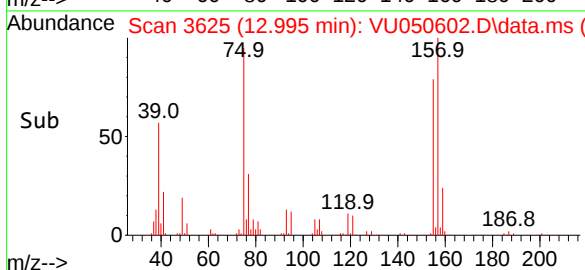
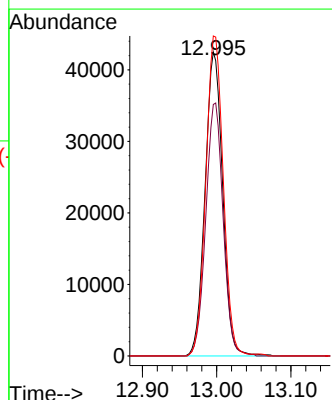
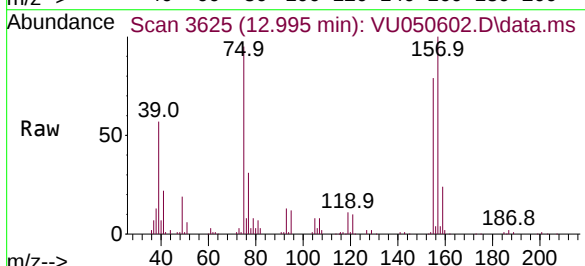
Tgt Ion: 75 Resp: 69940

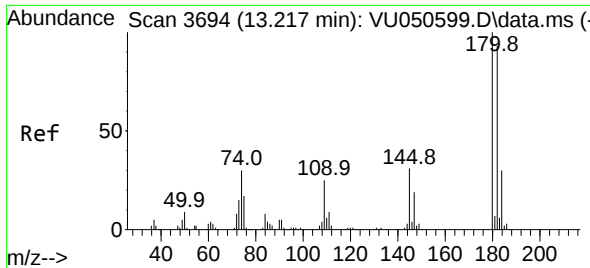
Ion Ratio Lower Upper

75 100

155 82.7 67.8 101.6

157 105.3 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 50.075 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VICV024

Tgt Ion:180 Resp: 233392

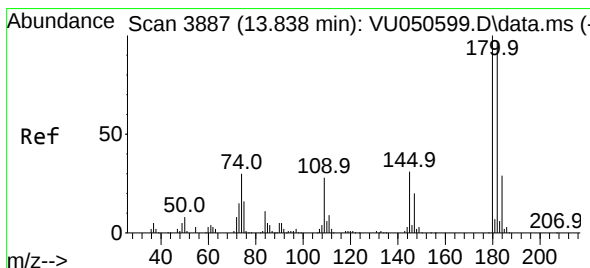
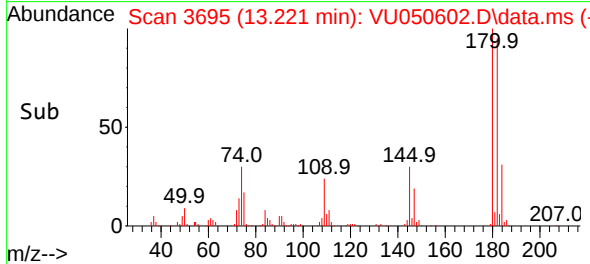
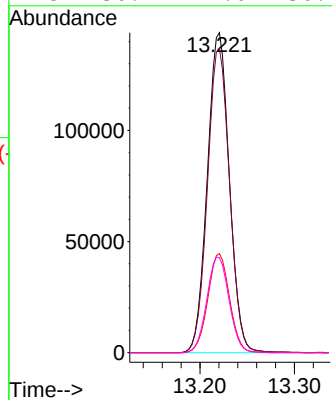
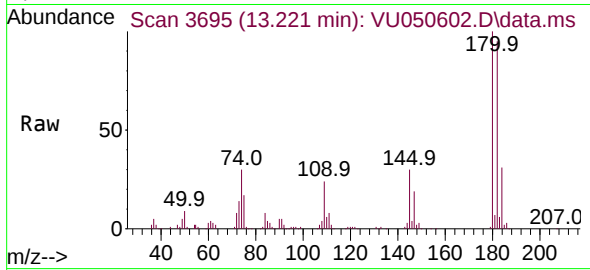
Ion Ratio Lower Upper

180 100

182 95.4 75.3 112.9

184 30.5 23.8 35.8

145 30.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 49.598 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU050602.D

Acq: 02 Sep 2022 18:23

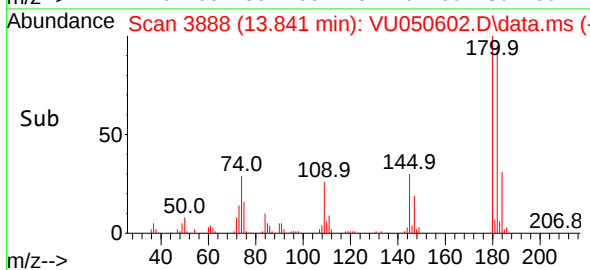
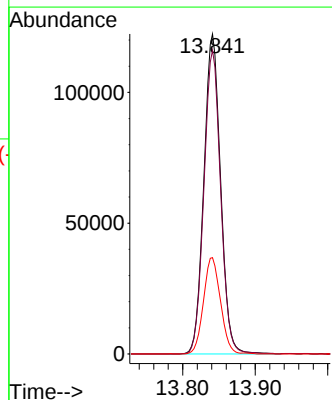
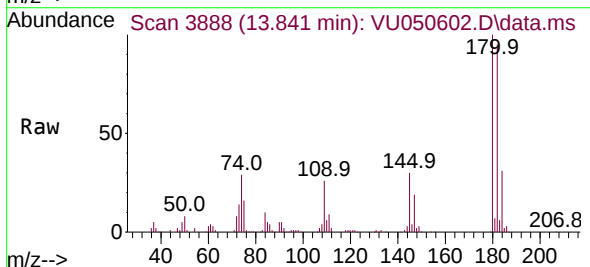
Tgt Ion:180 Resp: 196291

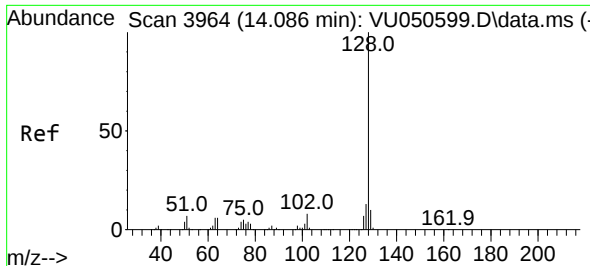
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.2

145 30.5 24.7 37.1

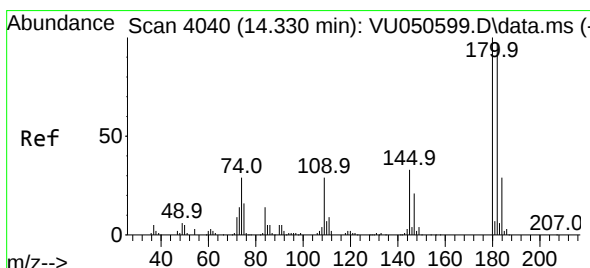
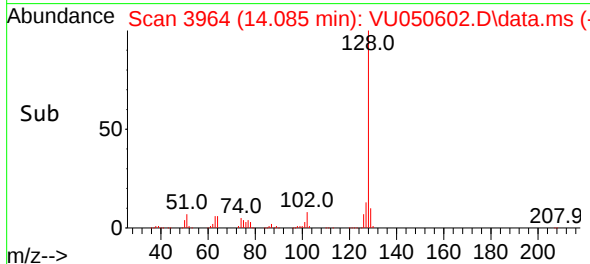
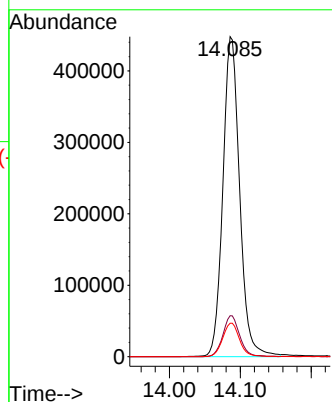
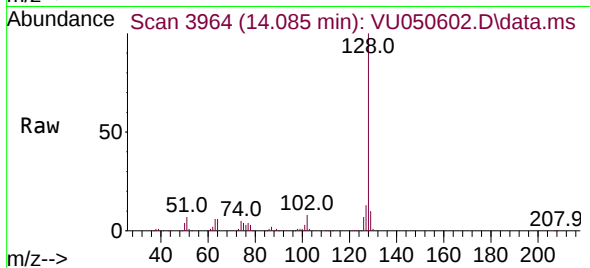




#71
Naphthalene
Concen: 52.479 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Instrument :
MSVOA_U
ClientSampleId :
VICV024

Tgt Ion:128 Resp: 736382
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.5 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 50.990 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050602.D
Acq: 02 Sep 2022 18:23

Tgt Ion:180 Resp: 218534
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 31.9 26.4 39.6

