

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052624.D
 Acq On : 06 Jan 2023 13:08
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV066

Quant Time: Jan 07 00:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:30:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	340675	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	324090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	180005	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	173541	45.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.440%
7) Chloroethane-d5	1.916	69	135429	45.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.220%
11) 1,1-Dichloroethene-d2	2.572	63	291836	46.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
21) 2-Butanone-d5	4.616	46	231989	95.531	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.530%
24) Chloroform-d	5.060	84	271366	44.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
26) 1,2-Dichloroethane-d4	5.697	65	178772	45.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
32) Benzene-d6	5.723	84	553761	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.687	67	189968	48.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	7.893	98	478034	50.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.176	79	82623	48.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
47) 2-Hexanone-d5	8.629	63	144144	103.877	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	242343	46.714	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.420%
66) 1,2-Dichlorobenzene-d4	12.188	152	167402	48.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135769	46.147	ug/L	99
3) Chloromethane	1.520	50	184452	45.293	ug/L	97
5) Vinyl chloride	1.607	62	178123	47.032	ug/L	100
6) Bromomethane	1.858	94	90147	49.835	ug/L	99
8) Chloroethane	1.935	64	115463	47.231	ug/L	95
9) Trichlorofluoromethane	2.141	101	207681	48.049	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	122745	47.323	ug/L	100
12) 1,1-Dichloroethene	2.581	96	114920	47.951	ug/L	93
13) Acetone	2.626	43	197562	80.253	ug/L	99
14) Carbon disulfide	2.793	76	345560	46.970	ug/L	100
15) Methyl Acetate	2.944	43	183582	48.006	ug/L	99
16) Methylene chloride	3.047	84	149675	46.933	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	122551	48.946	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	402444	49.800	ug/L	99
19) 1,1-Dichloroethane	3.867	63	279418	48.514	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	137936	49.353	ug/L	96
22) 2-Butanone	4.697	43	277497	96.402	ug/L	99
23) Bromochloromethane	4.970	128	67138	47.092	ug/L	99
25) Chloroform	5.083	83	259927	47.741	ug/L	97

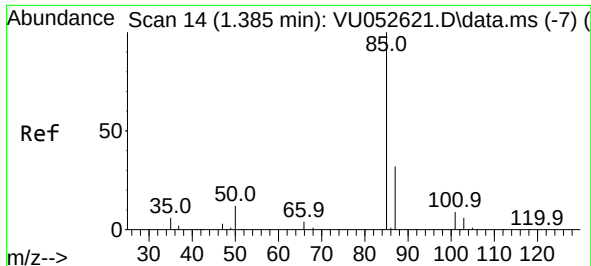
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	215796	48.014	ug/L	100
29) Cyclohexane	5.388	56	235809	54.766	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	208167	50.156	ug/L	99
31) Carbon tetrachloride	5.523	117	171284	49.899	ug/L	99
33) Benzene	5.771	78	586283	51.651	ug/L	100
34) Trichloroethene	6.539	95	130348	50.397	ug/L	96
35) Methylcyclohexane	6.761	83	217223	53.437	ug/L	99
37) 1,2-Dichloropropane	6.787	63	172119	51.510	ug/L	100
38) Bromodichloromethane	7.102	83	199681	49.842	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	231517	52.529	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	493809	110.468	ug/L	98
42) Toluene	7.967	91	578785	53.019	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	224505	52.856	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	139106	50.637	ug/L	99
46) Tetrachloroethene	8.549	164	92795	52.280	ug/L	95
48) 2-Hexanone	8.677	43	398931	108.226	ug/L	99
49) Dibromochloromethane	8.803	129	140336	48.986	ug/L	99
50) 1,2-Dibromoethane	8.919	107	139931	50.480	ug/L	98
51) Chlorobenzene	9.443	112	348887	50.252	ug/L	96
52) Ethylbenzene	9.565	91	609108	53.821	ug/L	99
53) m,p-Xylene	9.690	106	231809	54.843	ug/L	99
54) o-xylene	10.095	106	222455	54.845	ug/L	99
55) Styrene	10.108	104	400220	55.380	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	246895	49.420	ug/L	100
59) Bromoform	10.285	173	96602	48.280	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	196273	49.121	ug/L	100
61) Isopropylbenzene	10.481	105	584466	55.021	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	490638	56.644	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	490240	57.268	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	264923	51.800	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	270321	50.166	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	264993	50.415	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	56253	50.674	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	184806	51.170	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	161807	52.658	ug/L	99
71) Naphthalene	14.079	128	561435	59.113	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	172934	54.781	ug/L	99

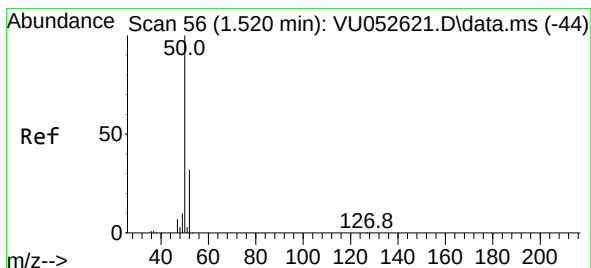
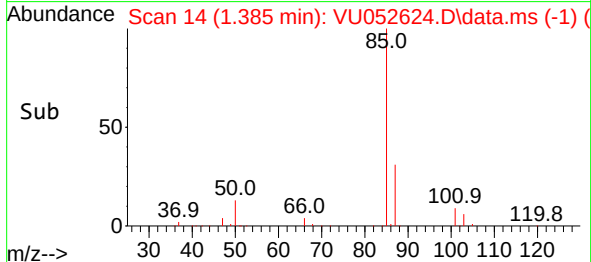
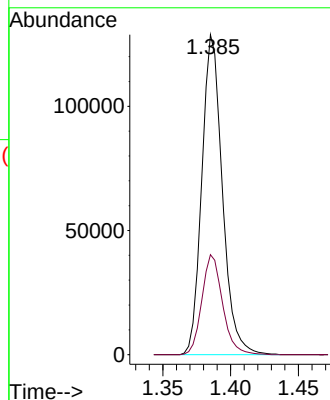
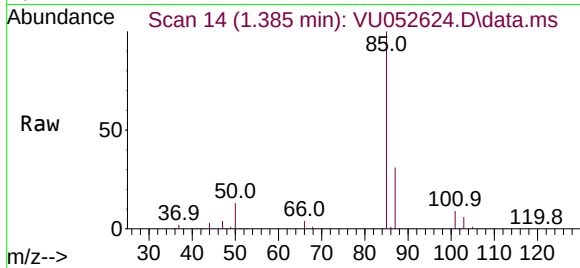
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 46.147 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

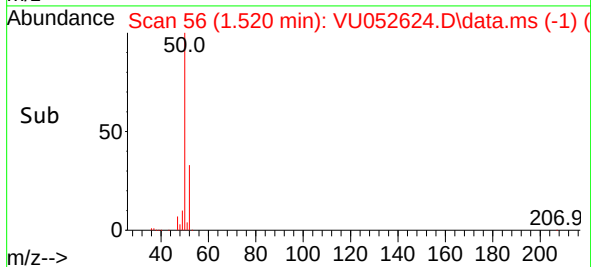
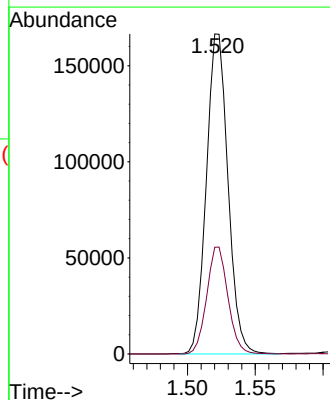
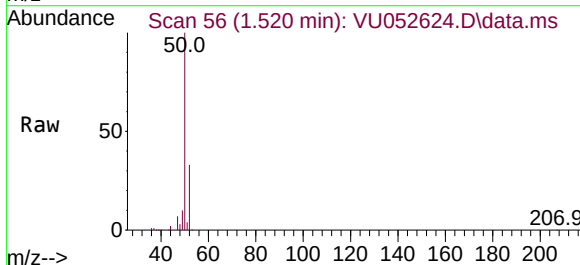
Instrument :
MSVOA_U
ClientSampleId :
VICV066

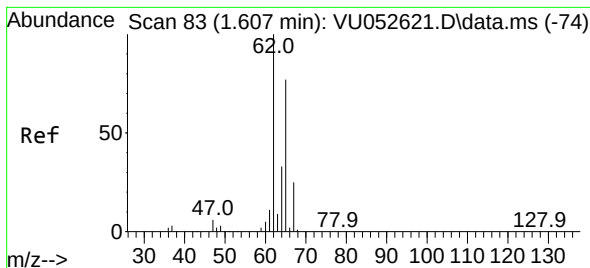
Tgt Ion: 85 Resp: 135769
Ion Ratio Lower Upper
85 100
87 31.4 25.5 38.3



#3
Chloromethane
Concen: 45.293 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 50 Resp: 184452
Ion Ratio Lower Upper
50 100
52 33.3 22.3 41.5





#5

Vinyl chloride

Concen: 47.032 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

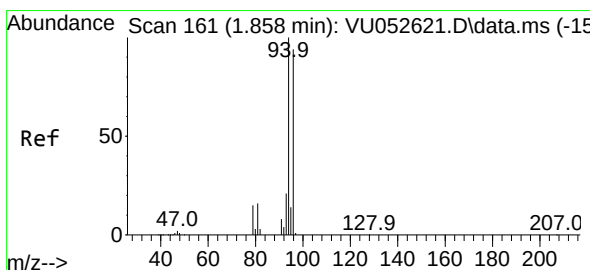
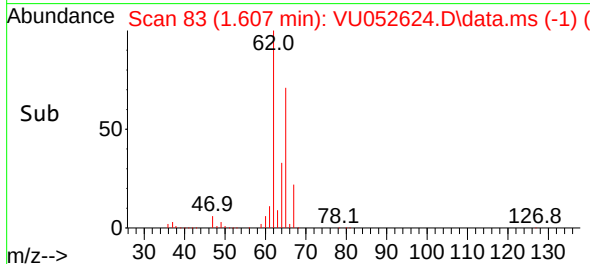
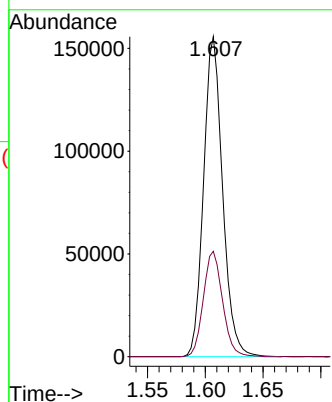
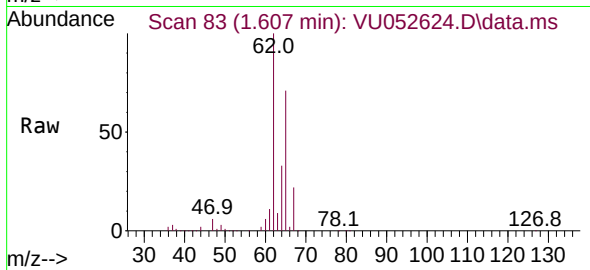
VICV066

Tgt Ion: 62 Resp: 178123

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.6



#6

Bromomethane

Concen: 49.835 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU052624.D

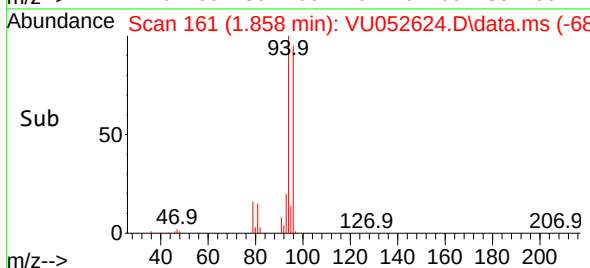
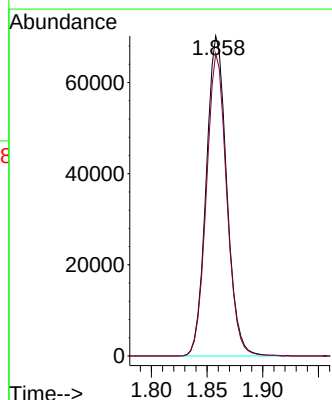
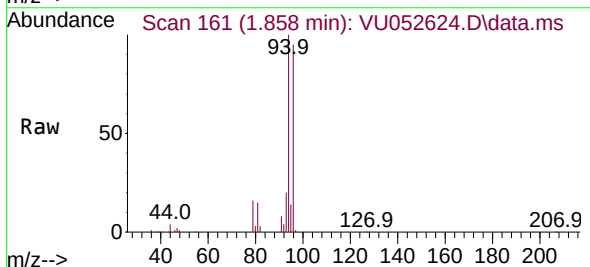
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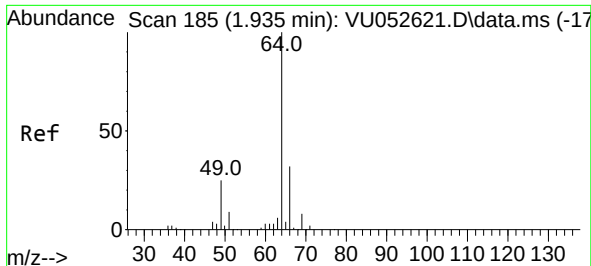
Tgt Ion: 94 Resp: 90147

Ion Ratio Lower Upper

94 100

96 94.5 65.8 122.2

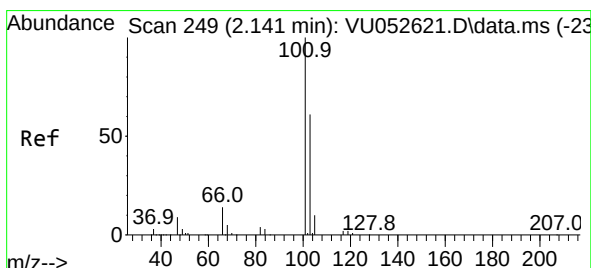
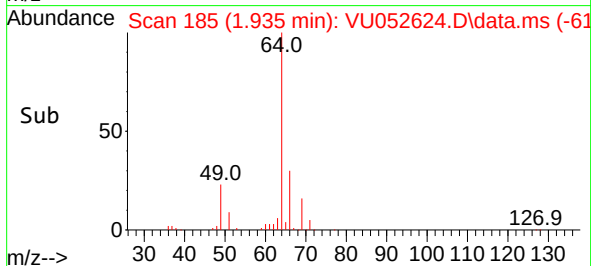
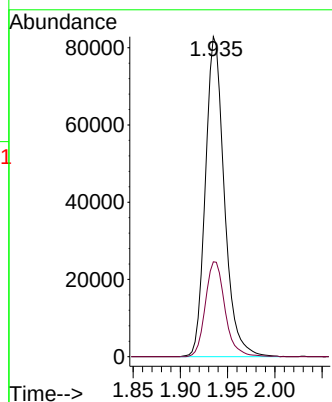
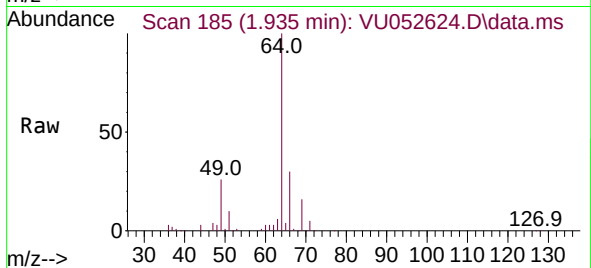




#8
Chloroethane
Concen: 47.231 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

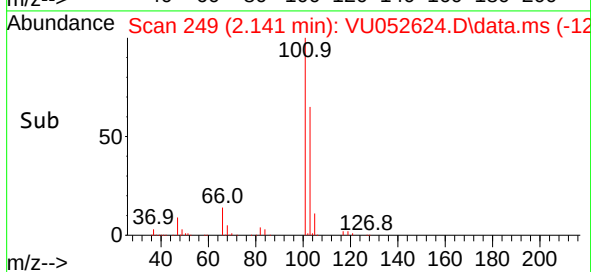
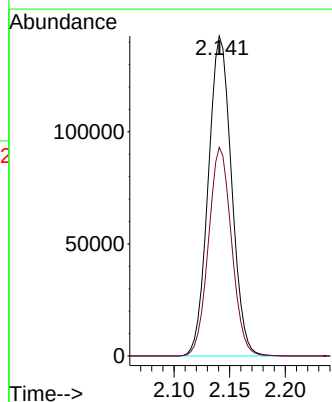
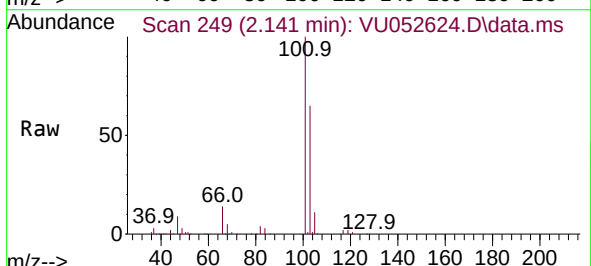
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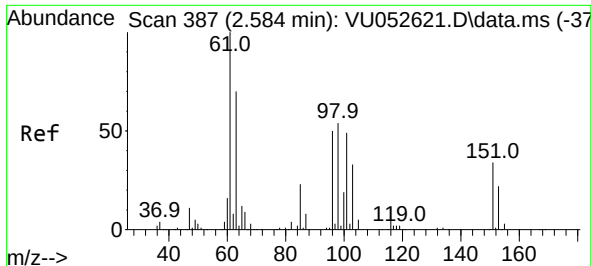
Tgt Ion: 64 Resp: 115463
Ion Ratio Lower Upper
64 100
66 29.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.049 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion:101 Resp: 207681
Ion Ratio Lower Upper
101 100
103 64.7 50.2 75.2

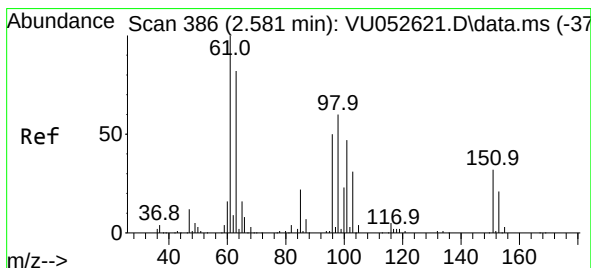
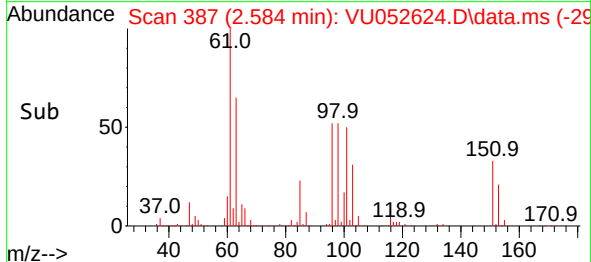
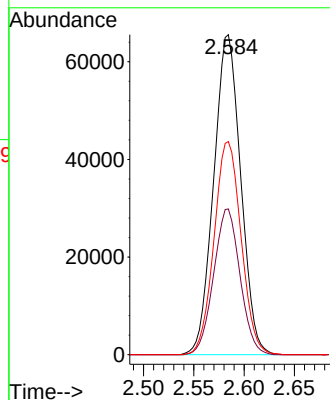
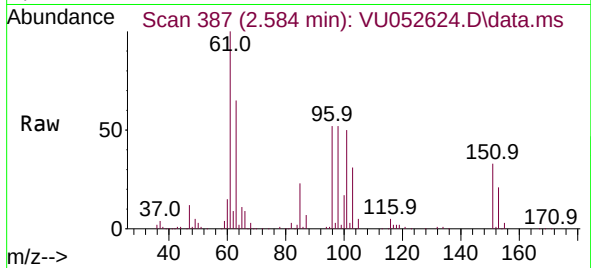




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.323 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU052624.D
 Acq: 06 Jan 2023 13:08

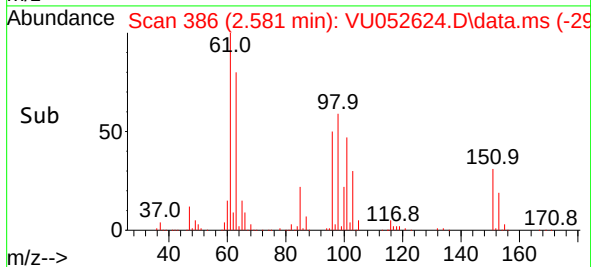
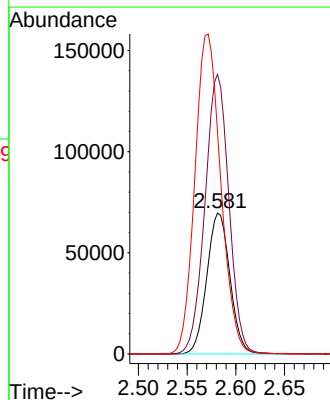
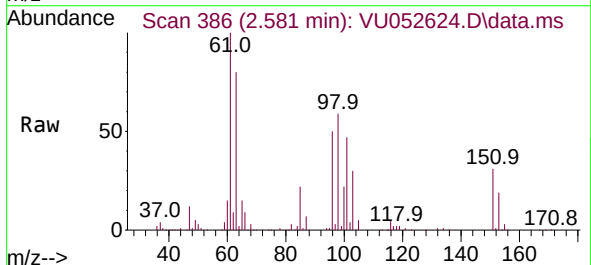
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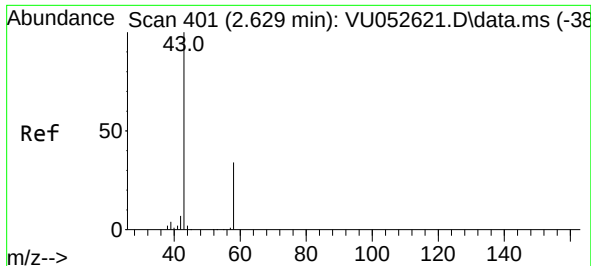
Tgt Ion:101 Resp: 122745
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.6
 151 66.7 53.2 79.8



#12
 1,1-Dichloroethene
 Concen: 47.951 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052624.D
 Acq: 06 Jan 2023 13:08

Tgt Ion: 96 Resp: 114920
 Ion Ratio Lower Upper
 96 100
 61 198.3 140.8 261.6
 63 157.7 122.6 227.6





#13

Acetone

Concen: 80.253 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

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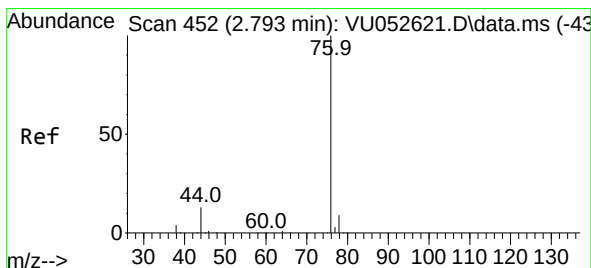
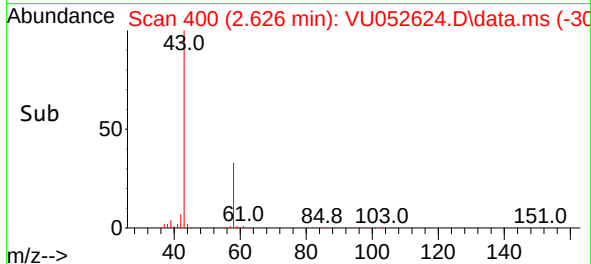
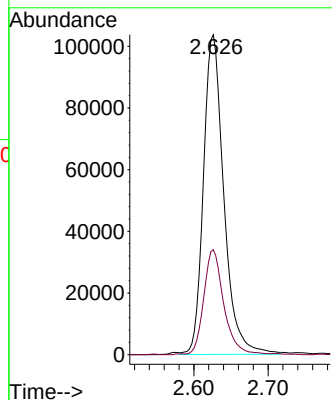
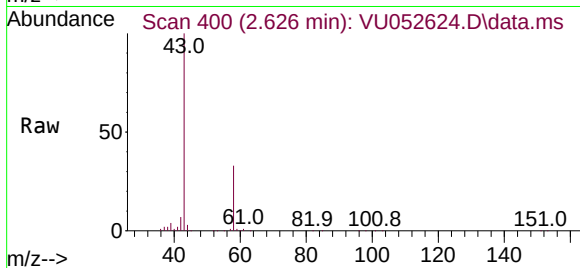
VICV066

Tgt Ion: 43 Resp: 197562

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.4



#14

Carbon disulfide

Concen: 46.970 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052624.D

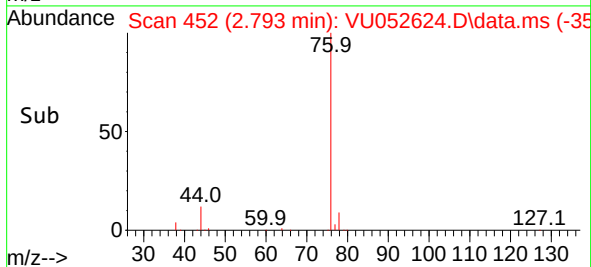
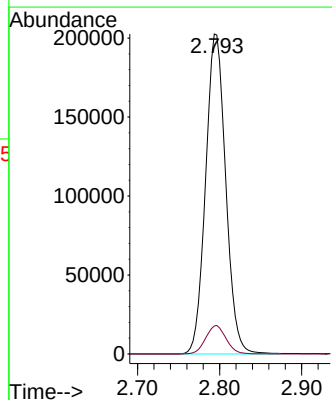
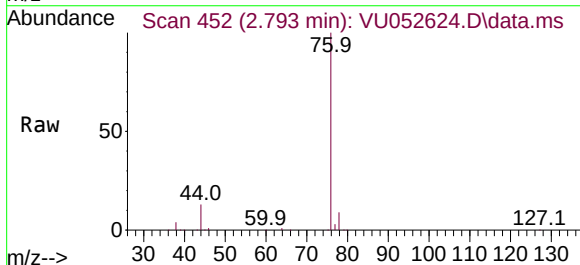
Acq: 06 Jan 2023 13:08

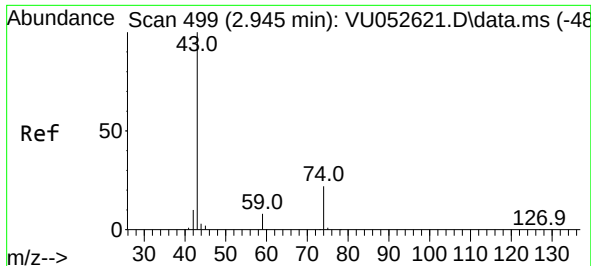
Tgt Ion: 76 Resp: 345560

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

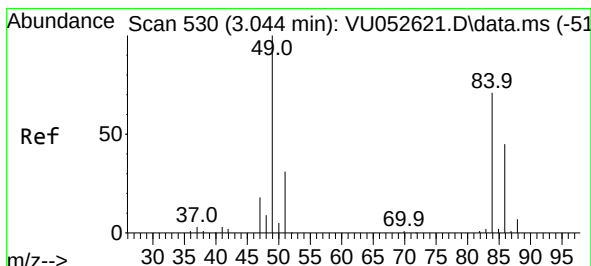
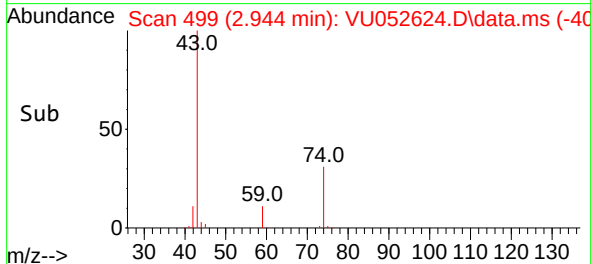
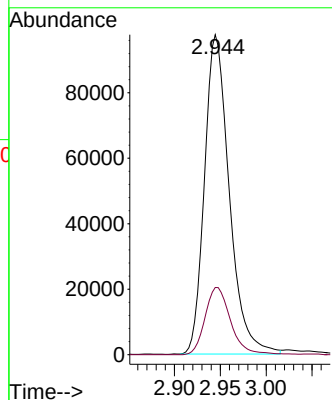
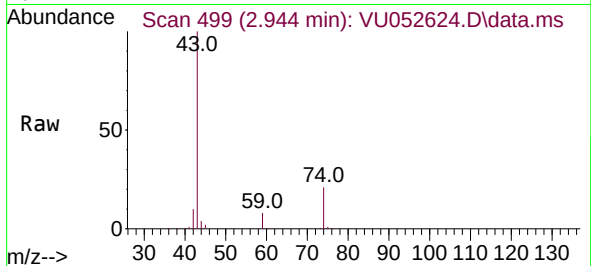




#15
Methyl Acetate
Concen: 48.006 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

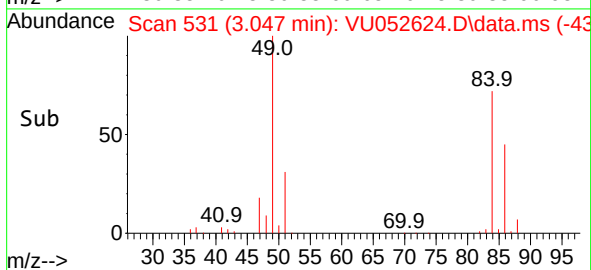
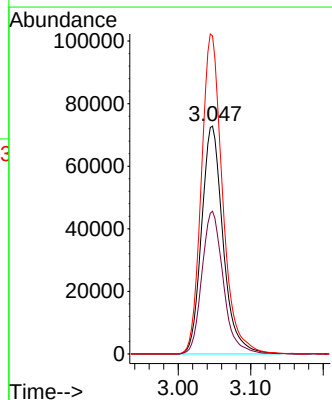
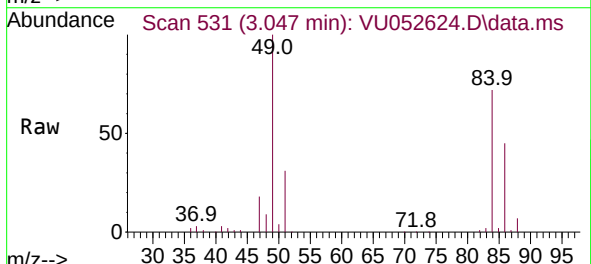
Instrument :
MSVOA_U
ClientSampleId :
VICV066

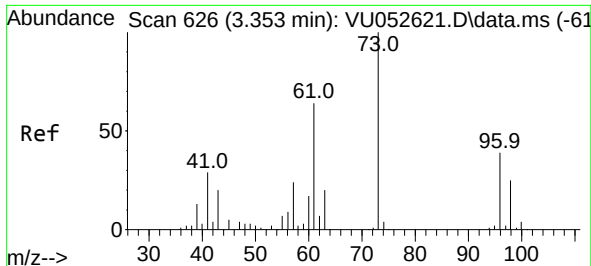
Tgt Ion: 43 Resp: 183582
Ion Ratio Lower Upper
43 100
74 21.7 17.2 25.8



#16
Methylene chloride
Concen: 46.933 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 84 Resp: 149675
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 139.6 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 48.946 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV066

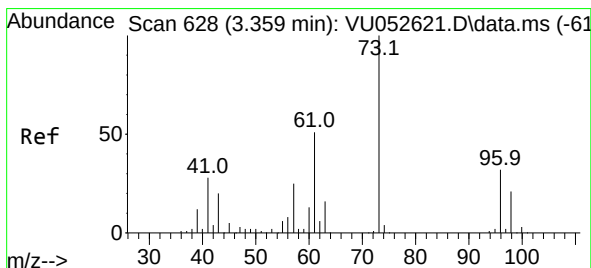
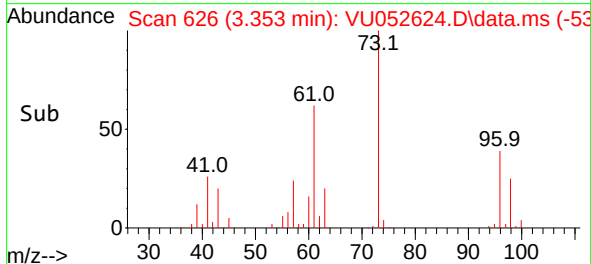
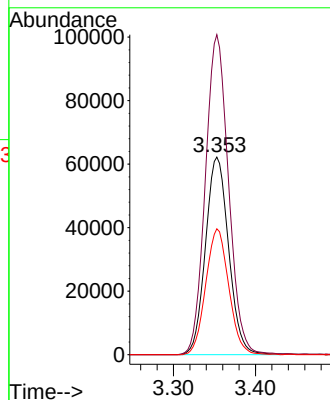
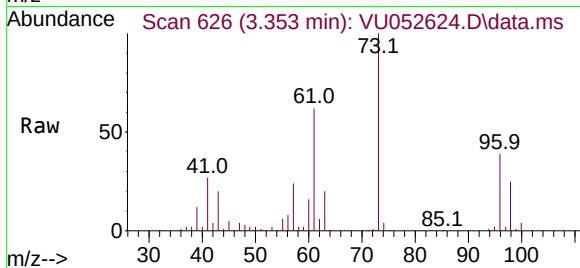
Tgt Ion: 96 Resp: 122551

Ion Ratio Lower Upper

96 100

61 161.9 115.3 214.1

98 63.7 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 49.800 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

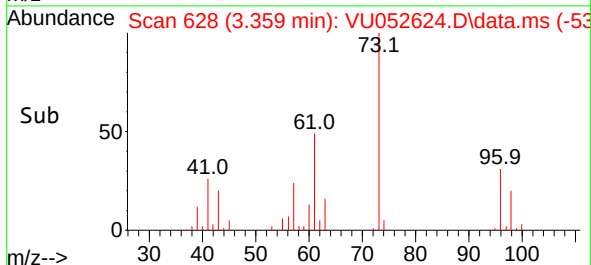
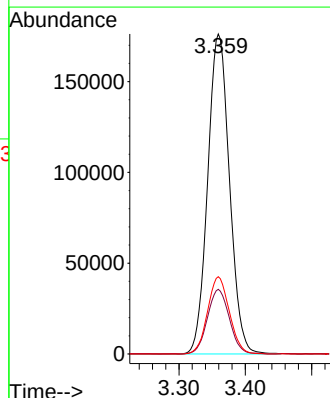
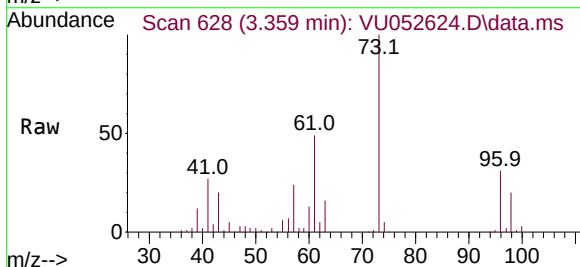
Tgt Ion: 73 Resp: 402444

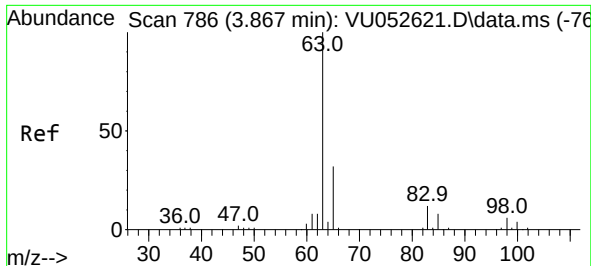
Ion Ratio Lower Upper

73 100

43 20.3 16.3 24.5

57 24.1 19.6 29.4

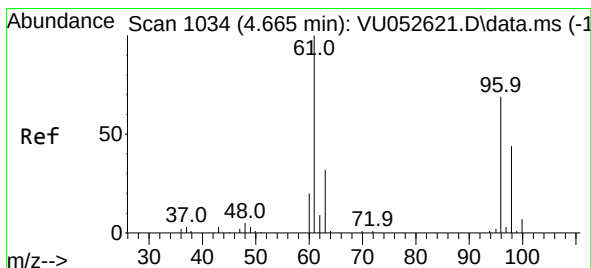
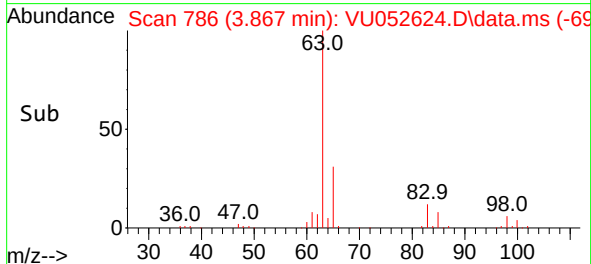
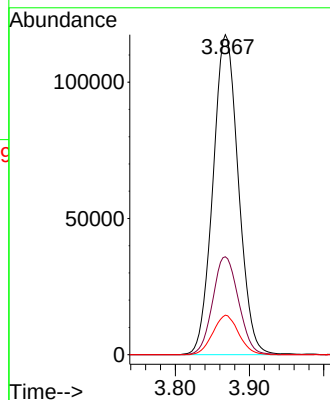
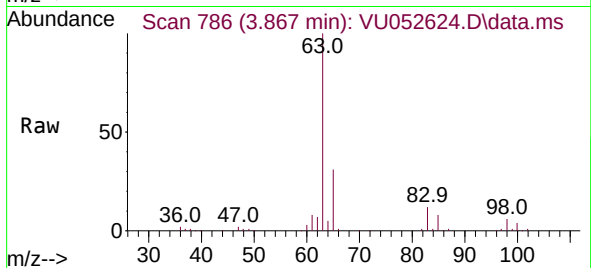




#19
1,1-Dichloroethane
Concen: 48.514 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

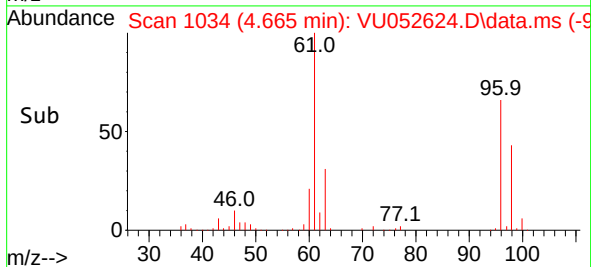
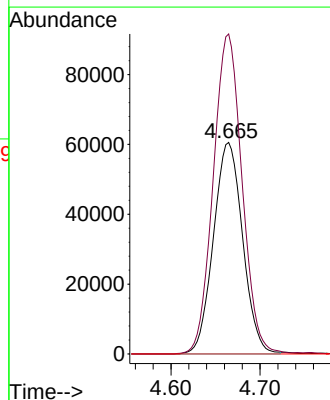
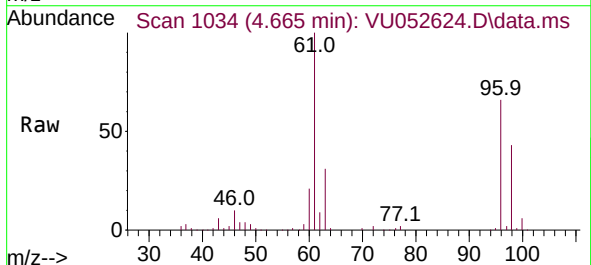
Instrument :
MSVOA_U
ClientSampleId :
VICV066

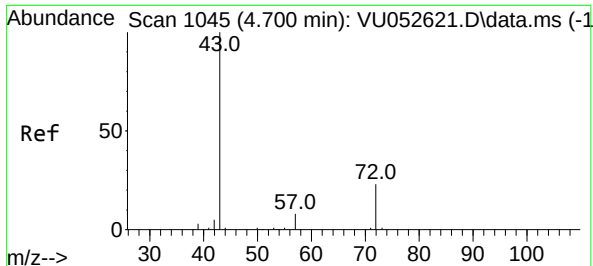
Tgt Ion: 63 Resp: 279418
Ion Ratio Lower Upper
63 100
65 30.6 22.2 41.2
83 12.4 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 49.353 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 96 Resp: 137936
Ion Ratio Lower Upper
96 100
61 151.3 102.1 189.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 96.402 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

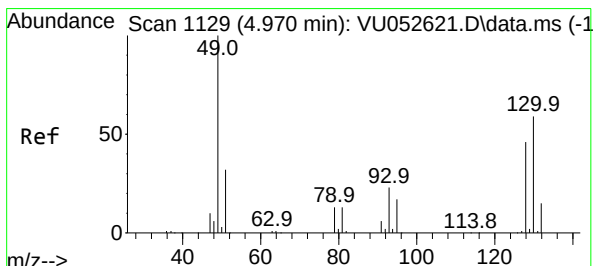
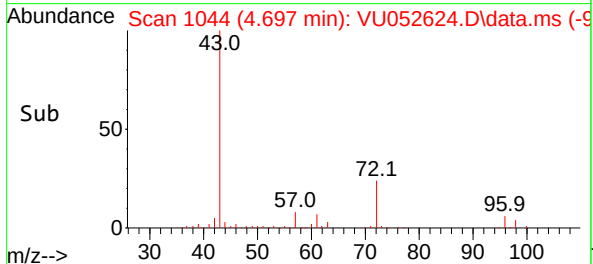
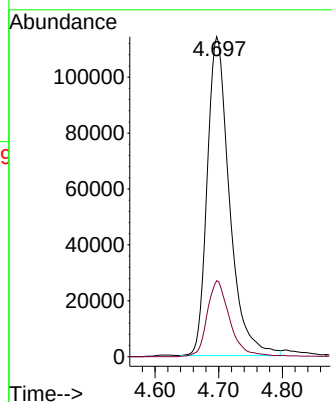
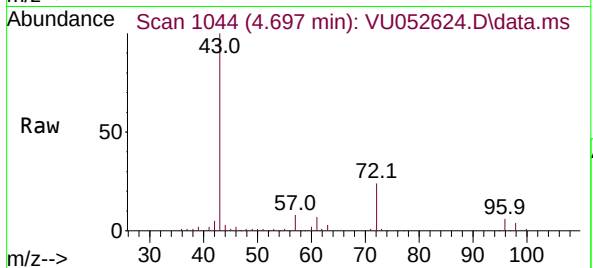
VICV066

Tgt Ion: 43 Resp: 277497

Ion Ratio Lower Upper

43 100

72 24.2 12.4 37.4



#23

Bromochloromethane

Concen: 47.092 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Tgt Ion:128 Resp: 67138

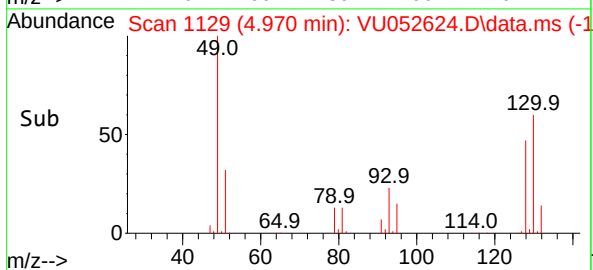
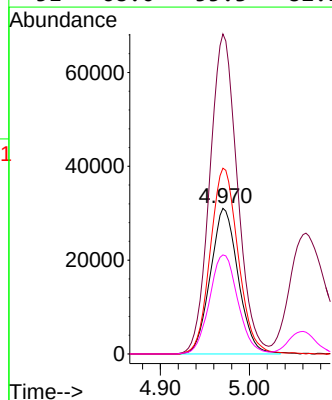
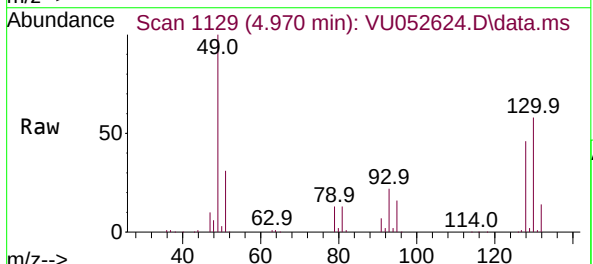
Ion Ratio Lower Upper

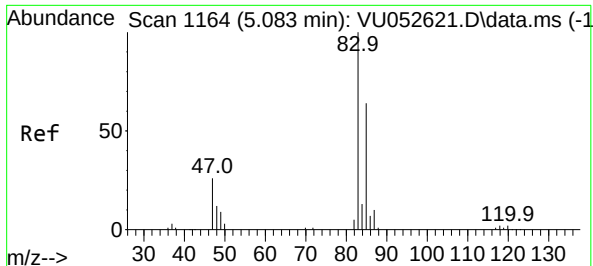
128 100

49 219.7 152.3 282.9

130 127.6 89.2 165.8

51 68.0 55.3 82.9





#25

Chloroform

Concen: 47.741 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

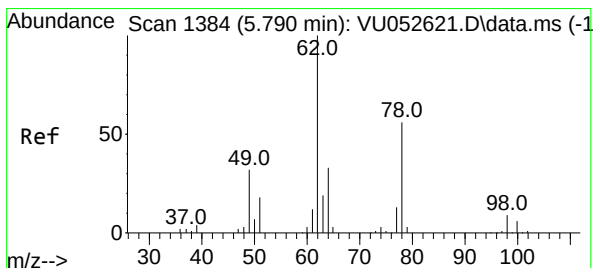
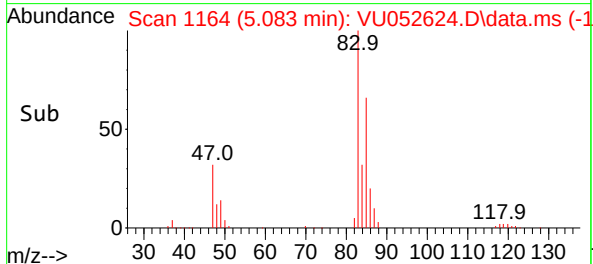
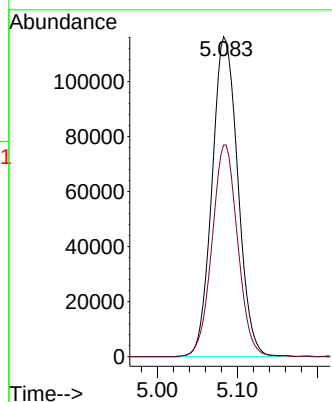
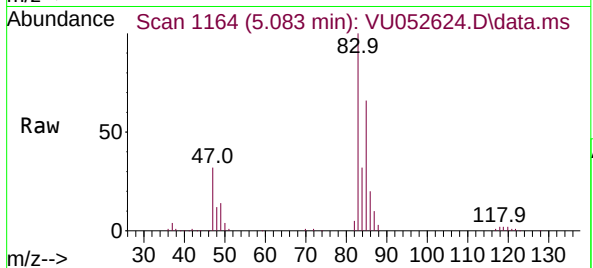
VICV066

Tgt Ion: 83 Resp: 259927

Ion Ratio Lower Upper

83 100

85 66.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 48.014 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU052624.D

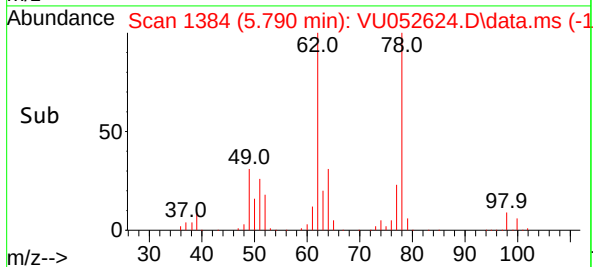
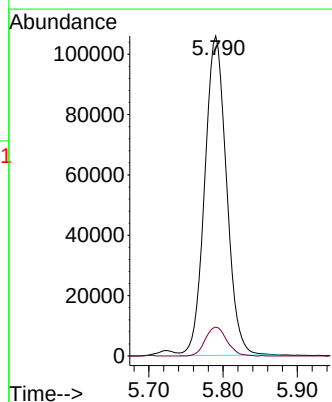
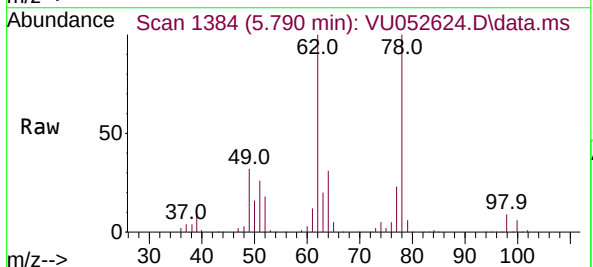
Acq: 06 Jan 2023 13:08

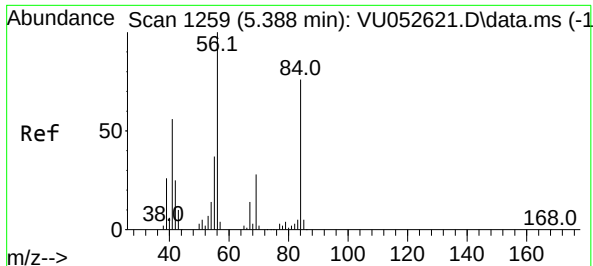
Tgt Ion: 62 Resp: 215796

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 54.766 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV066

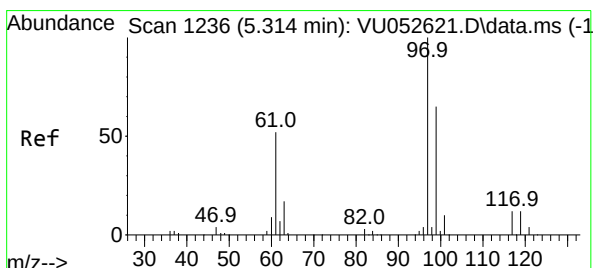
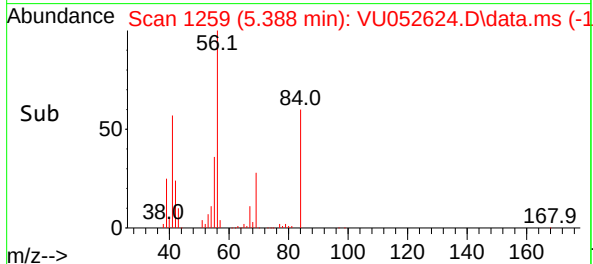
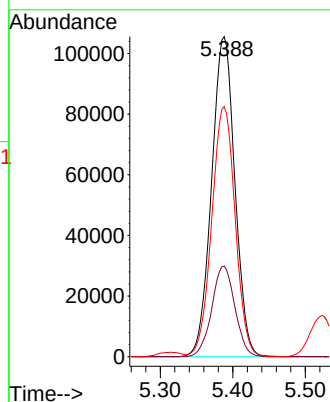
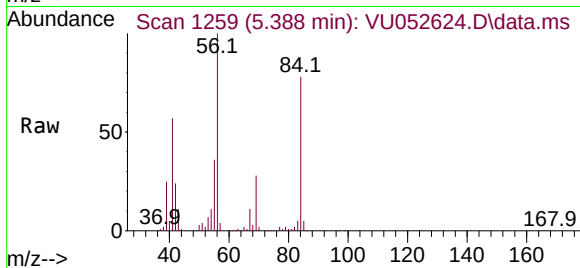
Tgt Ion: 56 Resp: 235809

Ion Ratio Lower Upper

56 100

69 28.1 22.5 33.7

84 78.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 50.156 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

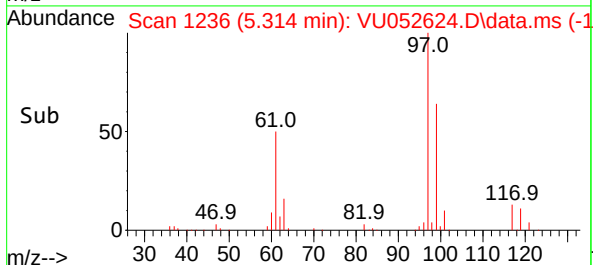
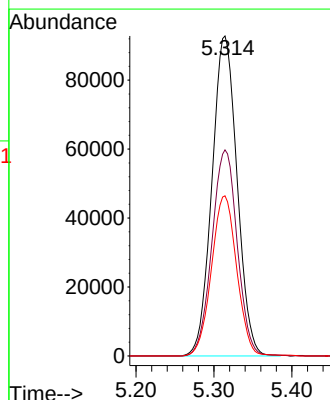
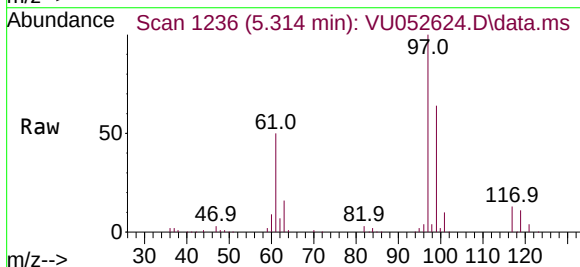
Tgt Ion: 97 Resp: 208167

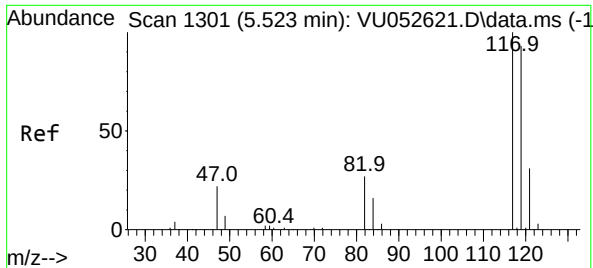
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 50.3 41.2 61.8

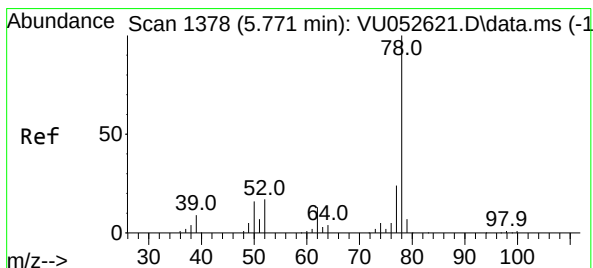
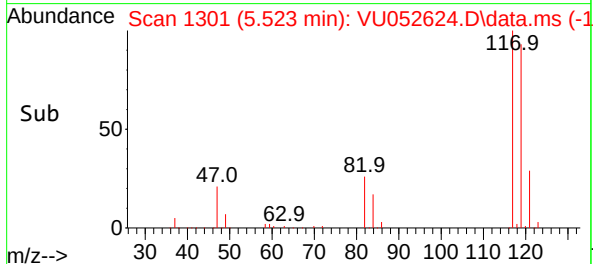
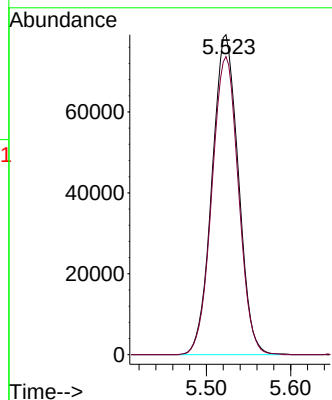
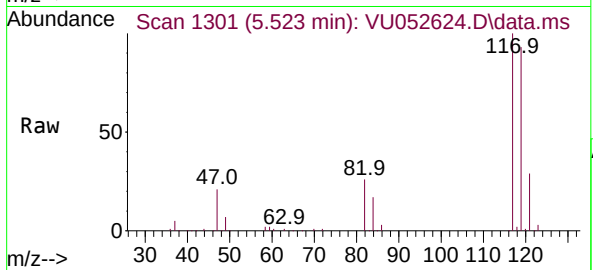




#31
Carbon tetrachloride
Concen: 49.899 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

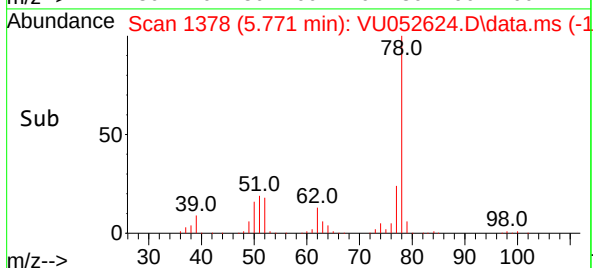
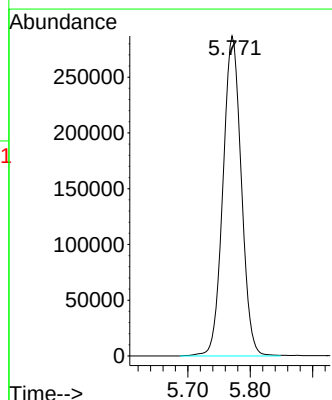
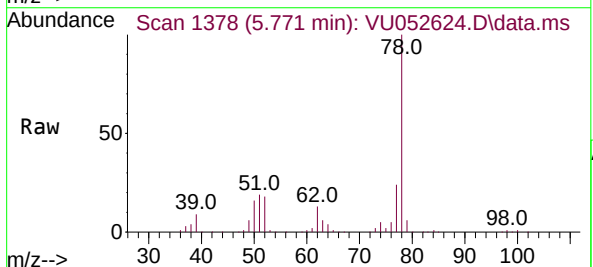
Instrument :
MSVOA_U
ClientSampleId :
VICV066

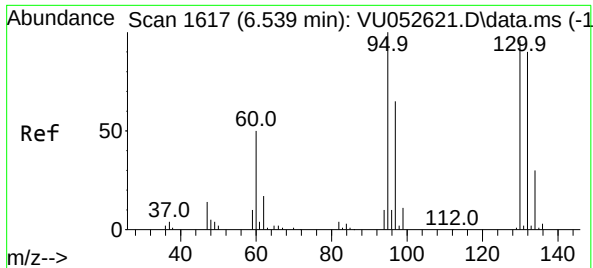
Tgt Ion:117 Resp: 171284
Ion Ratio Lower Upper
117 100
119 94.1 76.0 114.0



#33
Benzene
Concen: 51.651 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 78 Resp: 586283



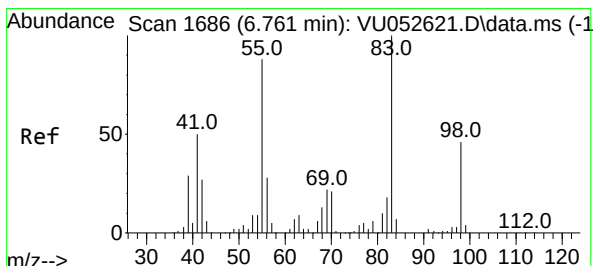
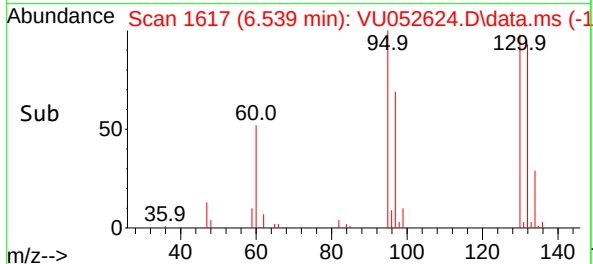
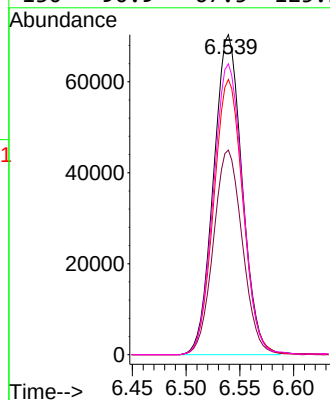
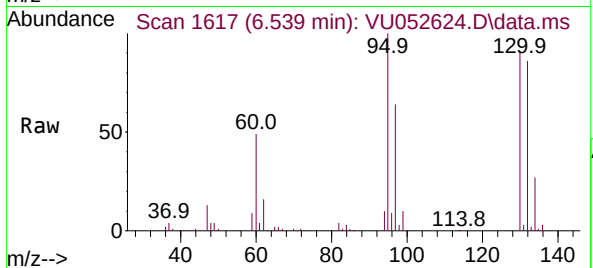


#34
Trichloroethene
Concen: 50.397 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Instrument :
MSVOA_U
ClientSampleId :
VICV066

Tgt Ion: 95 Resp: 130348

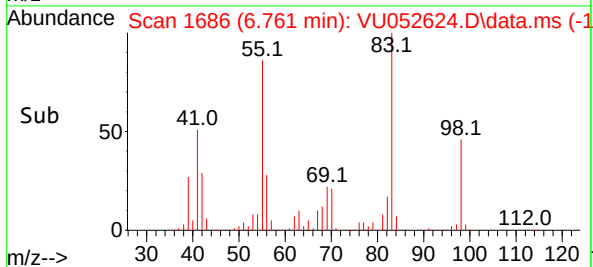
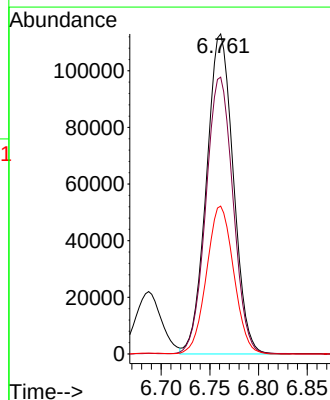
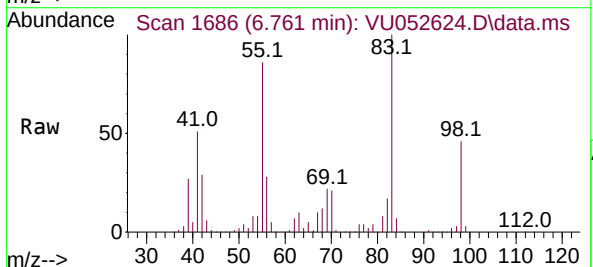
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.7	84.9
132	86.0	62.6	116.3
130	90.9	67.5	125.3

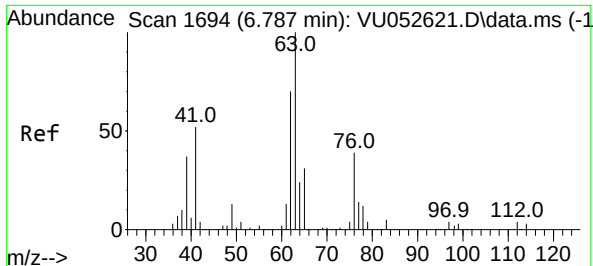


#35
Methylcyclohexane
Concen: 53.437 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 83 Resp: 217223

Ion	Ratio	Lower	Upper
83	100		
55	87.1	71.0	106.4
98	46.6	37.0	55.6





#37

1,2-Dichloropropane

Concen: 51.510 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

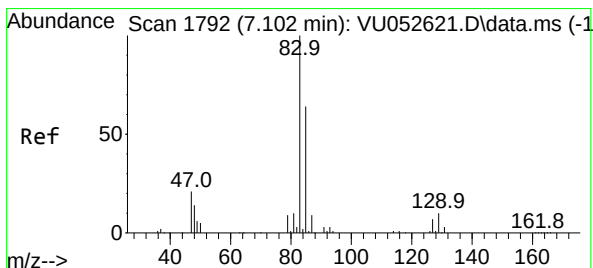
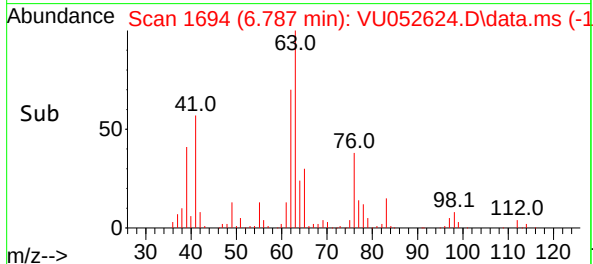
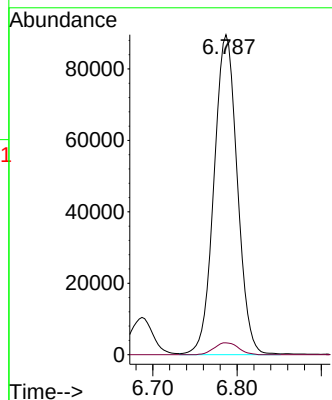
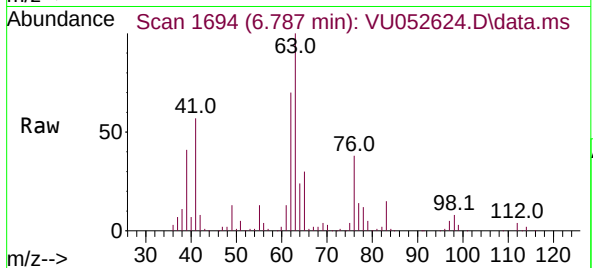
VICV066

Tgt Ion: 63 Resp: 172119

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 49.842 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

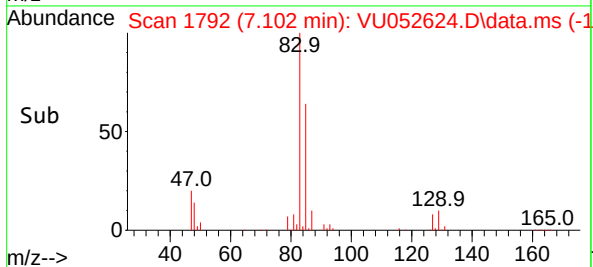
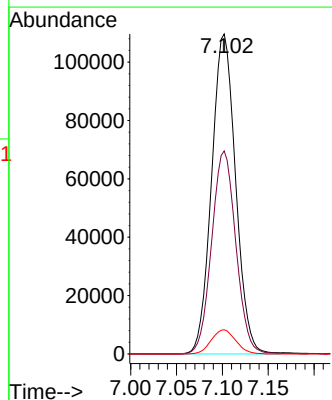
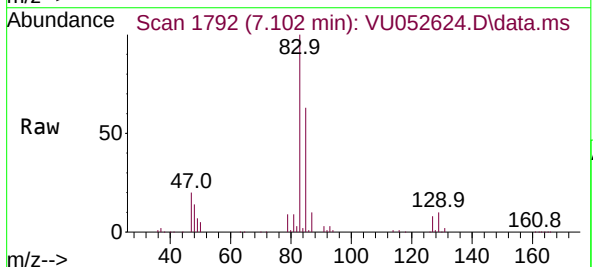
Tgt Ion: 83 Resp: 199681

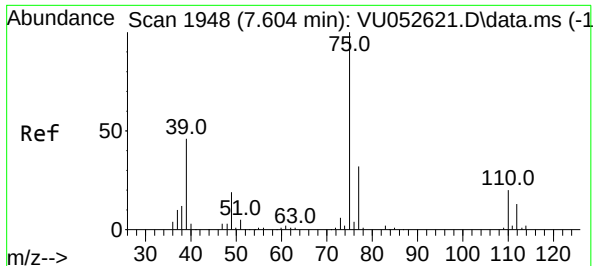
Ion Ratio Lower Upper

83 100

85 63.4 44.7 82.9

127 7.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 52.529 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

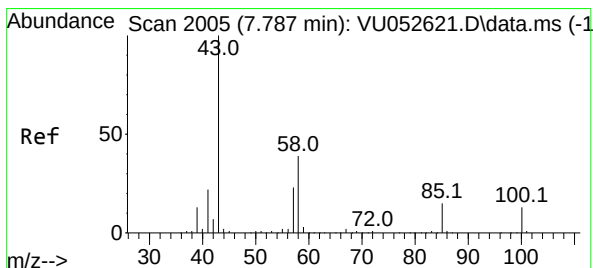
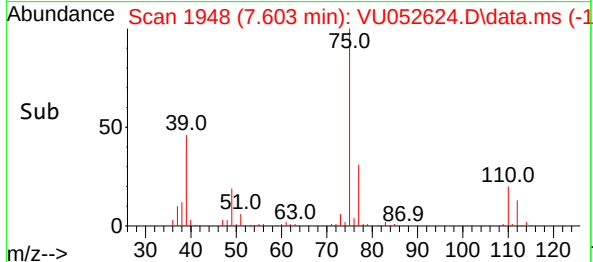
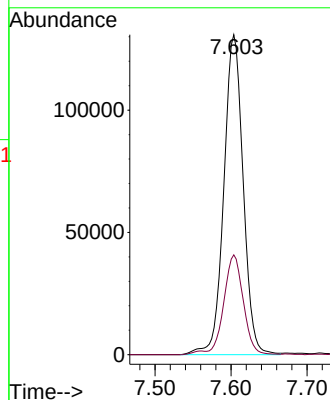
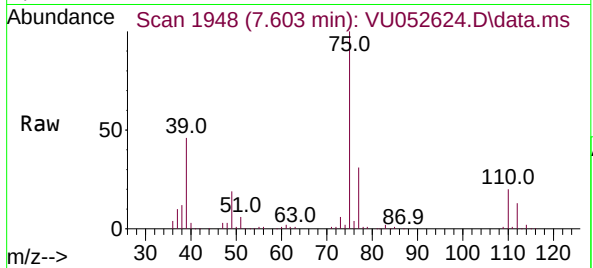
VICV066

Tgt Ion: 75 Resp: 231517

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 110.468 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

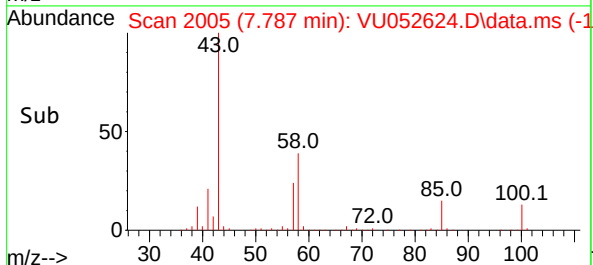
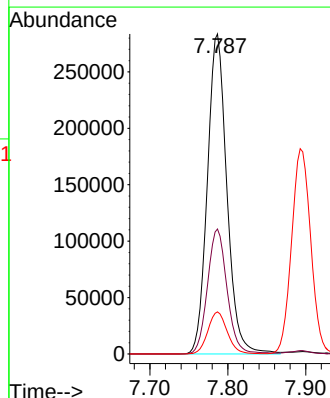
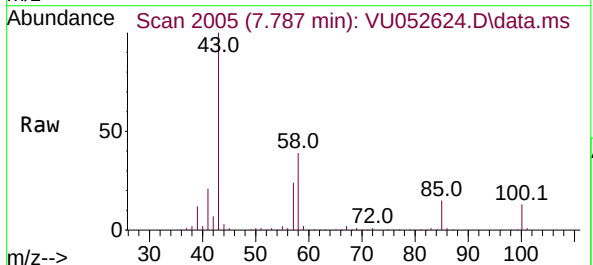
Tgt Ion: 43 Resp: 493809

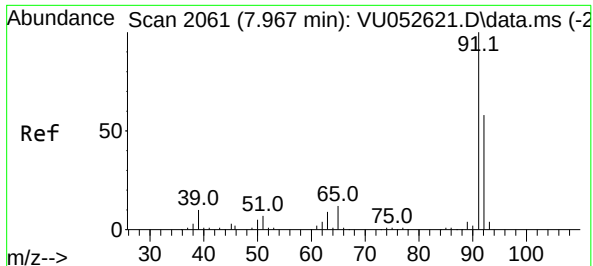
Ion Ratio Lower Upper

43 100

58 39.0 30.4 45.6

100 13.1 9.9 14.9





#42

Toluene

Concen: 53.019 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

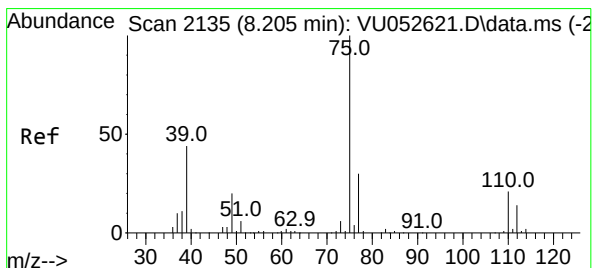
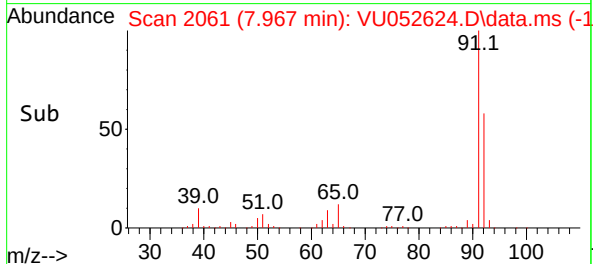
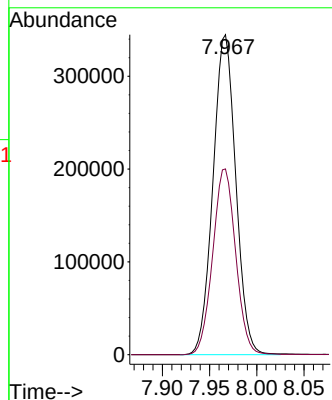
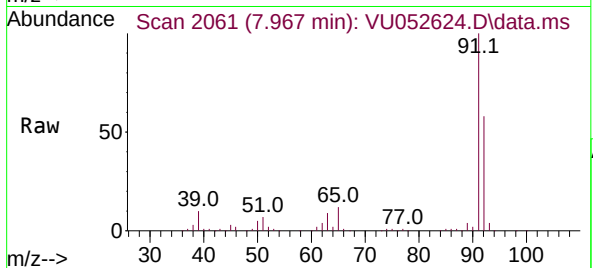
VICV066

Tgt Ion: 91 Resp: 578785

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 52.856 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU052624.D

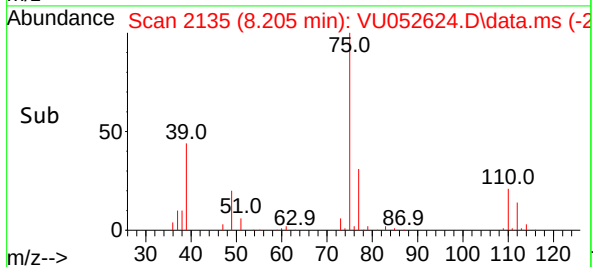
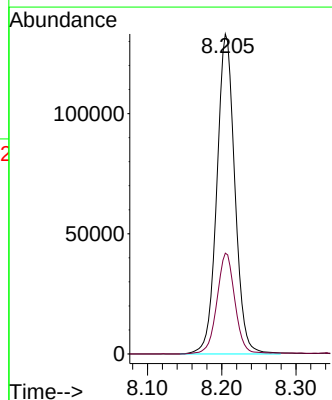
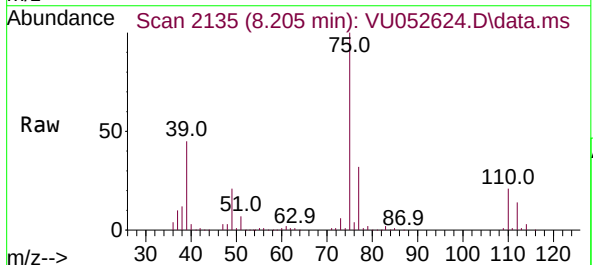
Acq: 06 Jan 2023 13:08

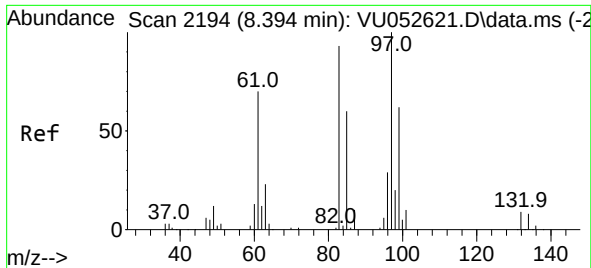
Tgt Ion: 75 Resp: 224505

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.5



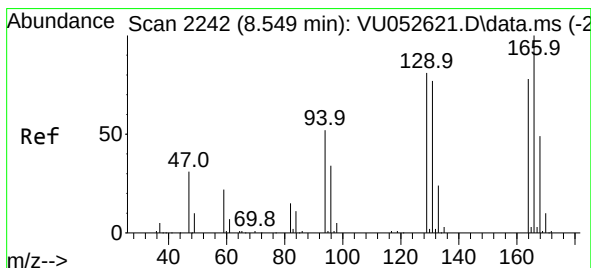
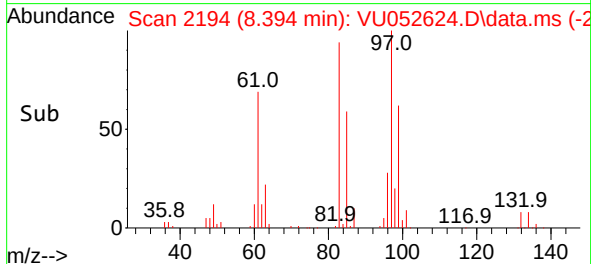
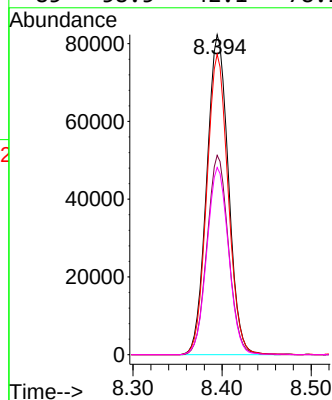
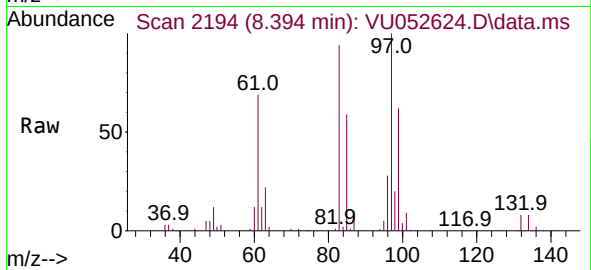


#45
1,1,2-Trichloroethane
Concen: 50.637 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Instrument :
MSVOA_U
ClientSampleId :
VICV066

Tgt Ion: 97 Resp: 139106

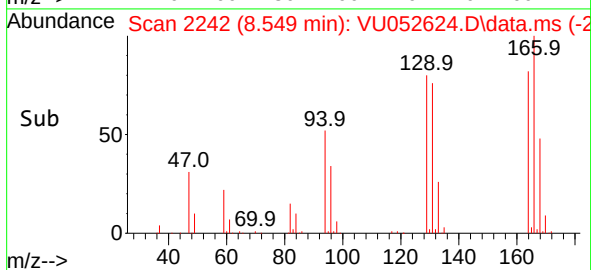
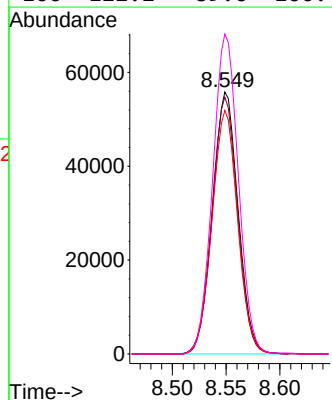
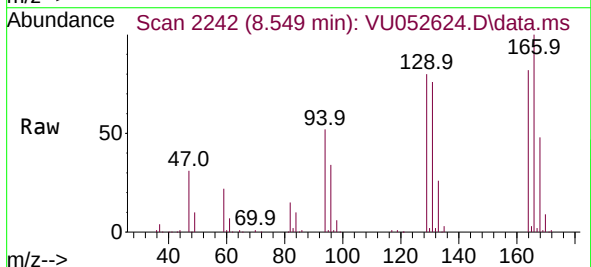
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.3	80.3
83	93.9	65.2	121.0
85	58.5	42.1	78.1

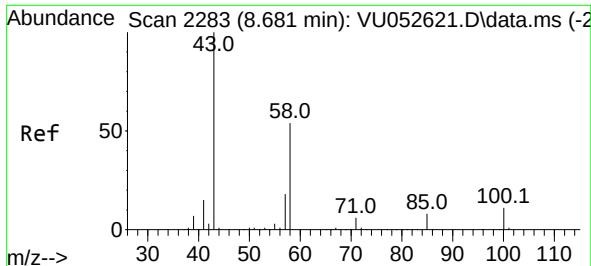


#46
Tetrachloroethene
Concen: 52.280 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 164 Resp: 92795

Ion	Ratio	Lower	Upper
164	100		
129	98.0	72.7	134.9
131	93.0	69.2	128.4
166	122.2	89.6	166.4

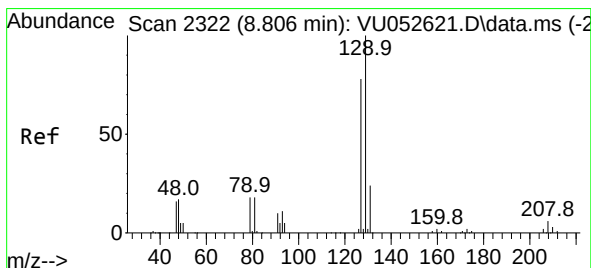
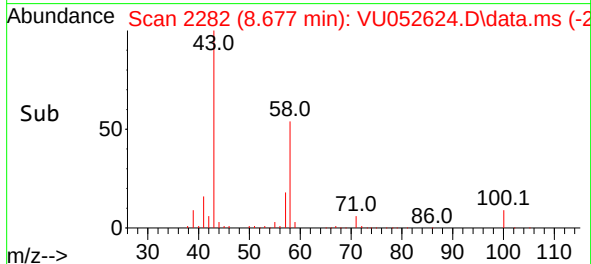
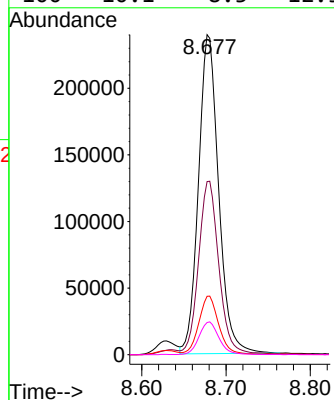
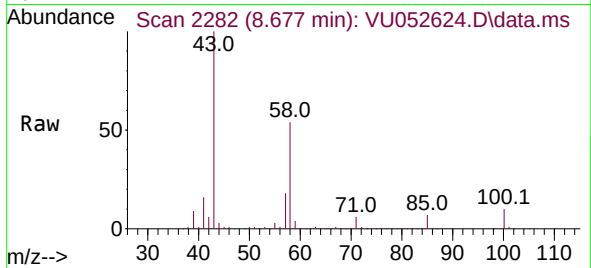




#48
2-Hexanone
Concen: 108.226 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

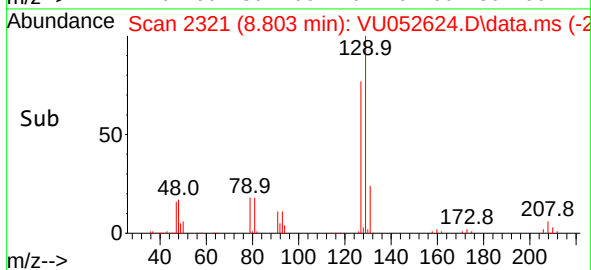
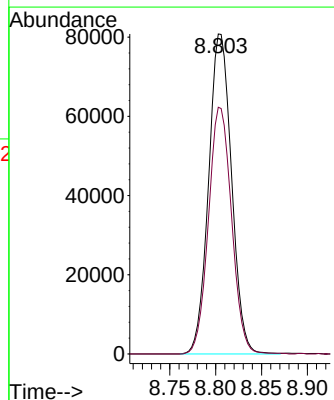
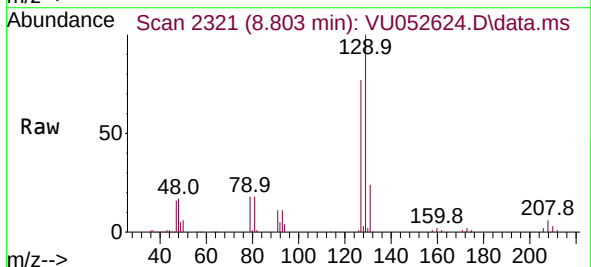
Instrument :
MSVOA_U
ClientSampleId :
VICV066

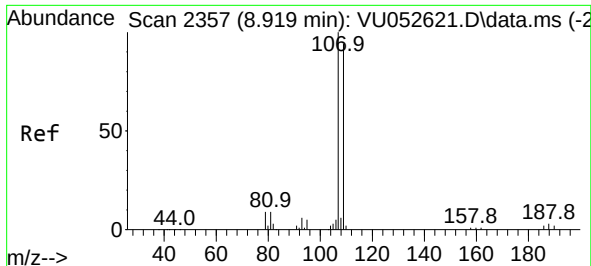
Tgt Ion: 43 Resp: 398931
Ion Ratio Lower Upper
43 100
58 54.3 42.6 63.8
57 18.2 14.2 21.4
100 10.1 8.3 12.5



#49
Dibromochloromethane
Concen: 48.986 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 129 Resp: 140336
Ion Ratio Lower Upper
129 100
127 77.1 54.5 101.3





#50

1,2-Dibromoethane

Concen: 50.480 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV066

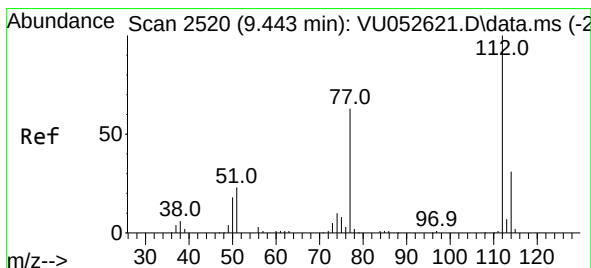
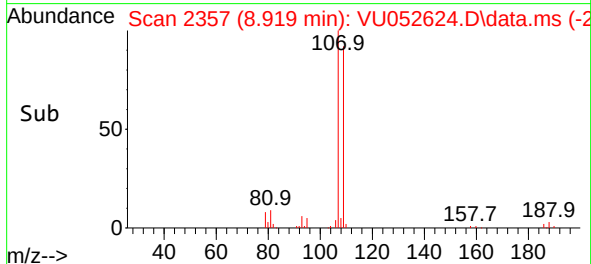
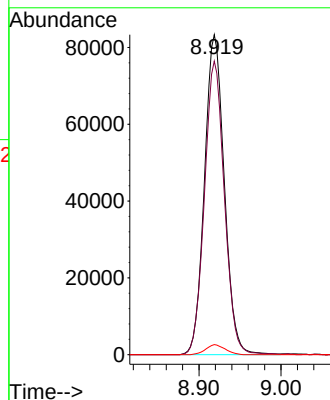
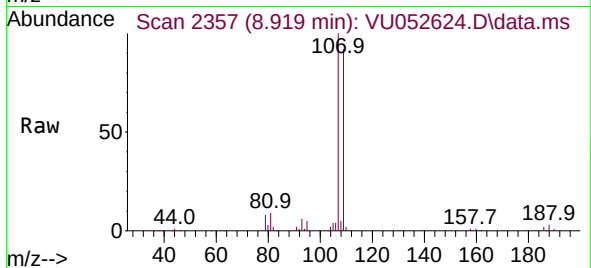
Tgt Ion:107 Resp: 139931

Ion Ratio Lower Upper

107 100

109 91.7 65.9 122.5

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 50.252 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

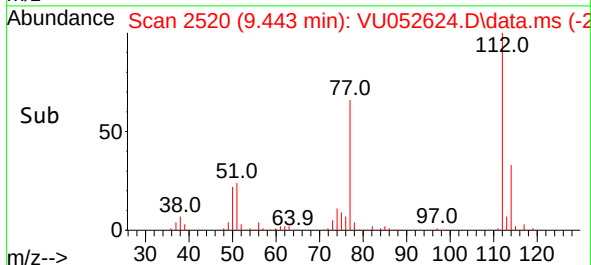
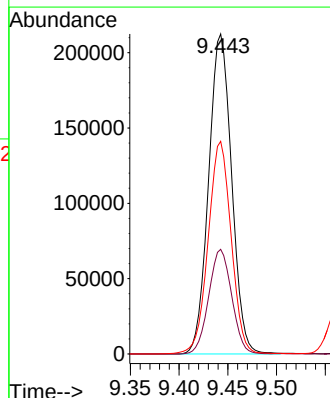
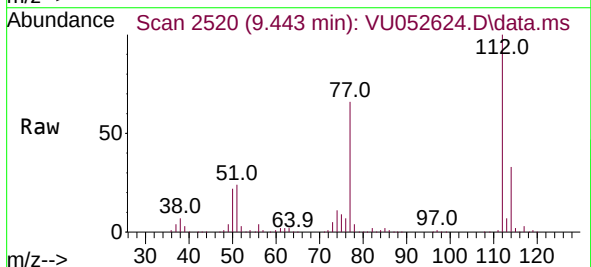
Tgt Ion:112 Resp: 348887

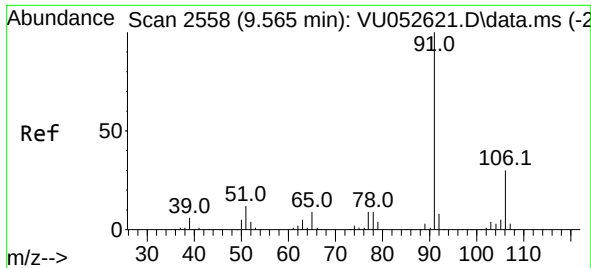
Ion Ratio Lower Upper

112 100

114 32.7 21.6 40.0

77 66.4 50.8 76.2

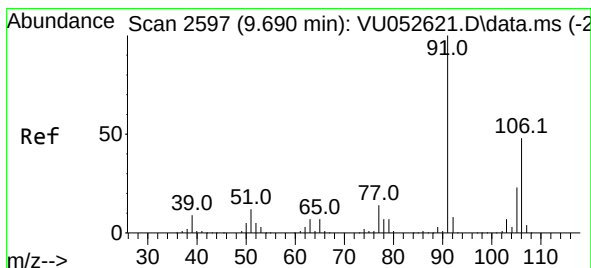
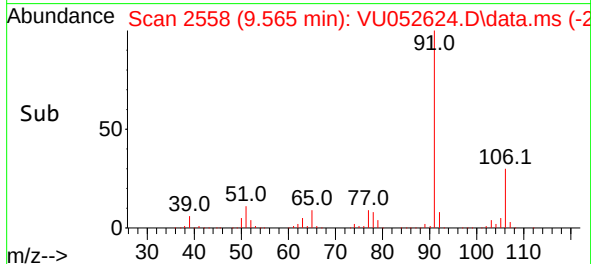
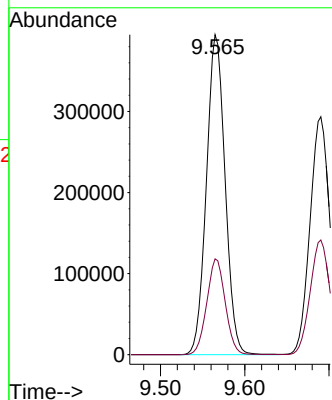
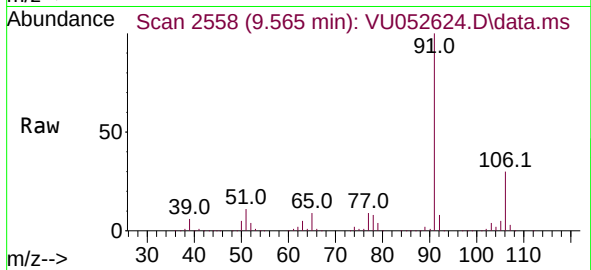




#52
Ethylbenzene
Concen: 53.821 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

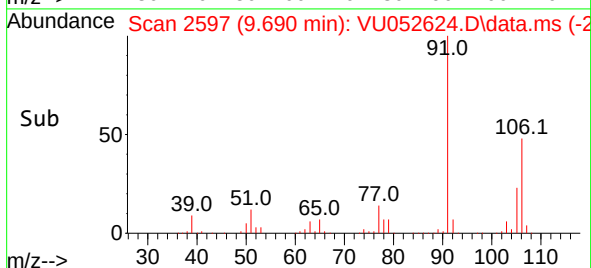
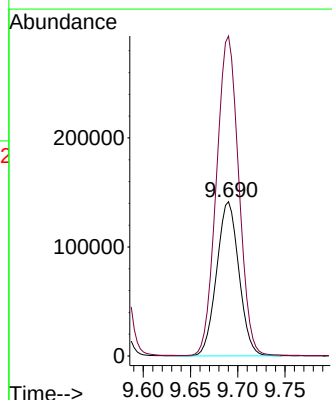
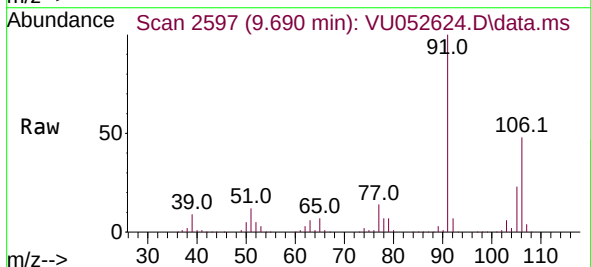
Instrument :
MSVOA_U
ClientSampleId :
VICV066

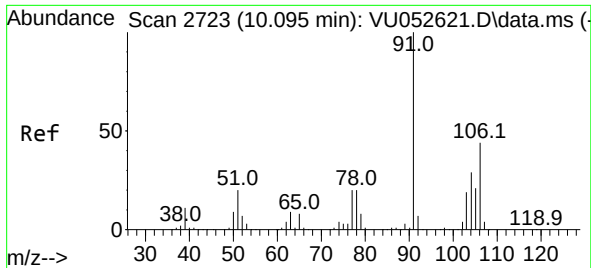
Tgt Ion: 91 Resp: 609108
Ion Ratio Lower Upper
91 100
106 30.0 20.7 38.5



#53
m,p-Xylene
Concen: 54.843 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion:106 Resp: 231809
Ion Ratio Lower Upper
106 100
91 207.5 144.6 268.6

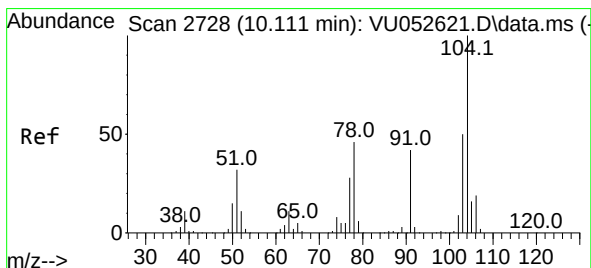
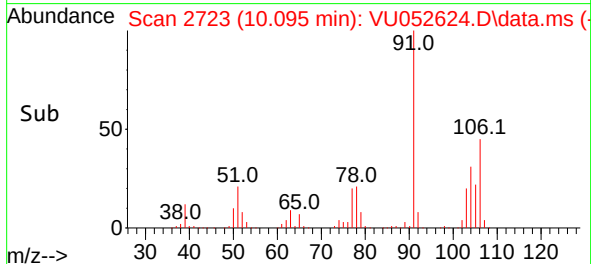
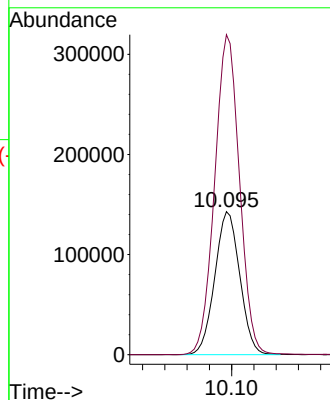
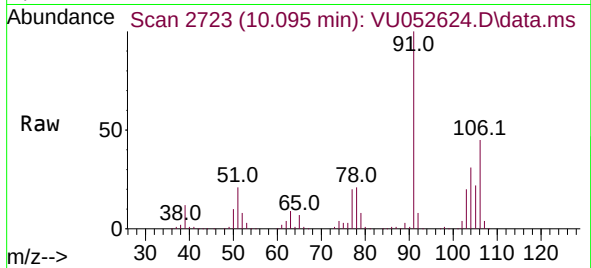




#54
o-xylene
Concen: 54.845 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

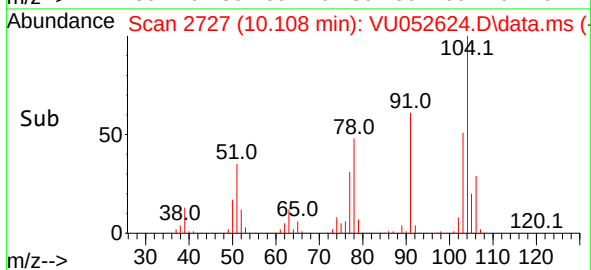
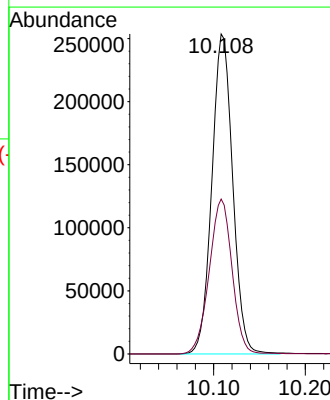
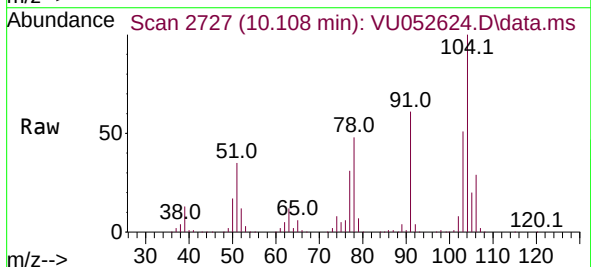
Instrument :
MSVOA_U
ClientSampleId :
VICV066

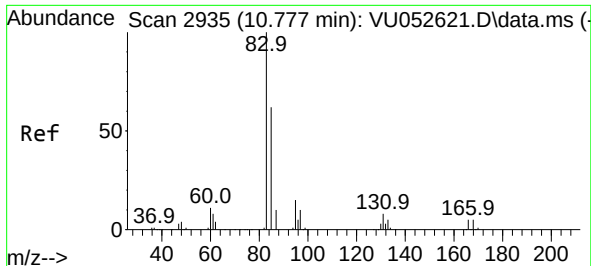
Tgt Ion:106 Resp: 222455
Ion Ratio Lower Upper
106 100
91 223.7 158.3 294.1



#55
Styrene
Concen: 55.380 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion:104 Resp: 400220
Ion Ratio Lower Upper
104 100
78 48.4 32.5 60.3

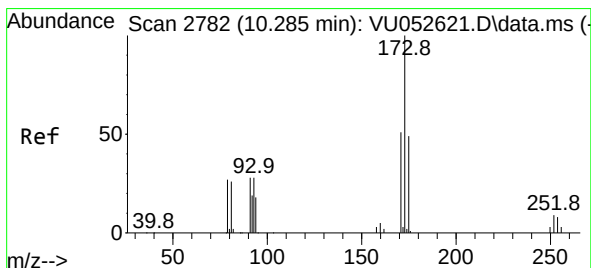
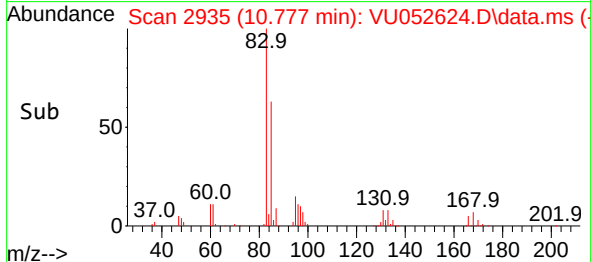
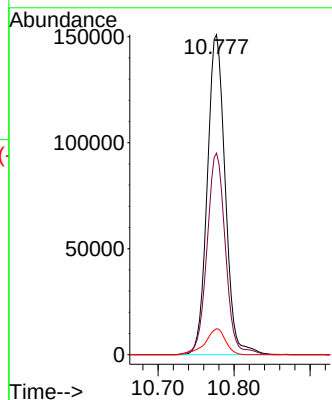
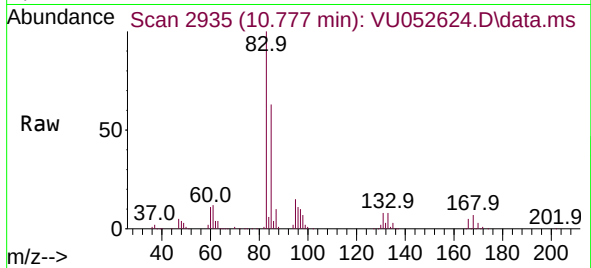




#57
1,1,2,2-Tetrachloroethane
Concen: 49.420 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

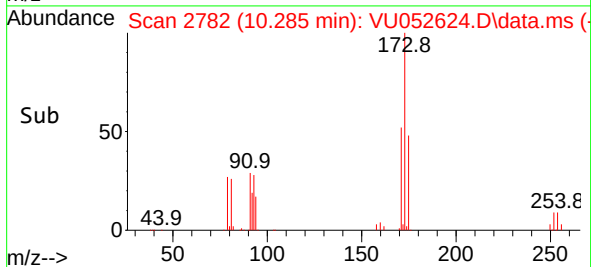
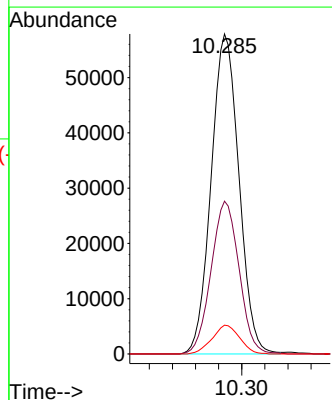
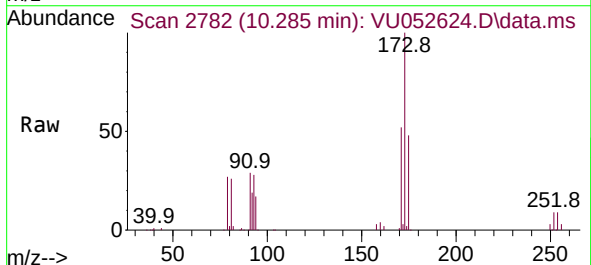
Instrument :
MSVOA_U
ClientSampleId :
VICV066

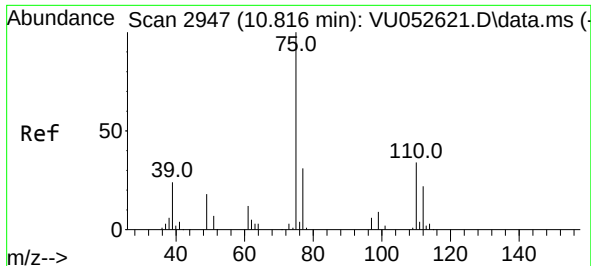
Tgt Ion: 83 Resp: 246895
Ion Ratio Lower Upper
83 100
85 63.0 44.0 81.6
131 8.1 7.0 10.4



#59
Bromoform
Concen: 48.280 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 173 Resp: 96602
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.0
254 8.9 7.0 10.6

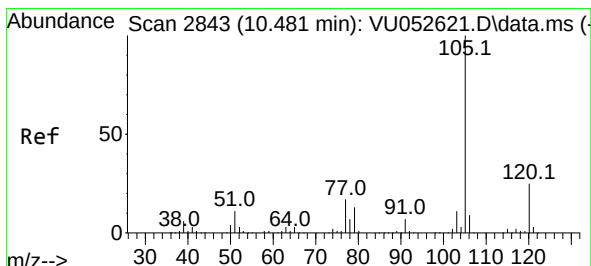
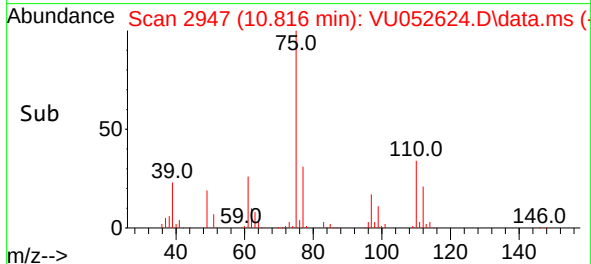
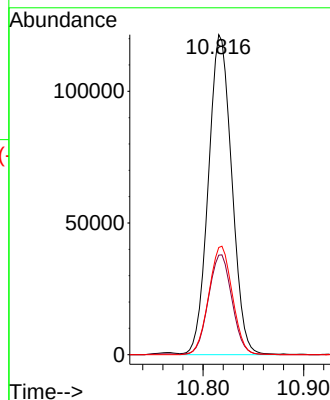
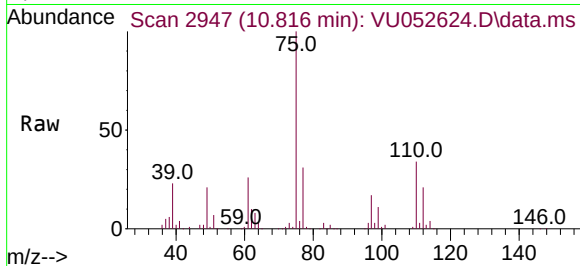




#60
1,2,3-Trichloropropane
Concen: 49.121 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

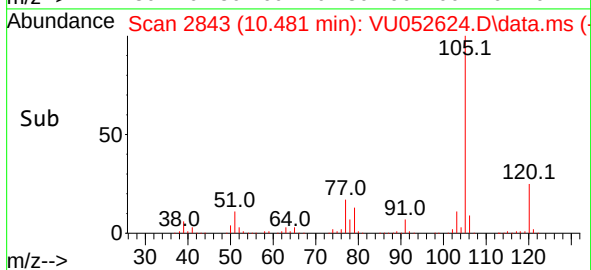
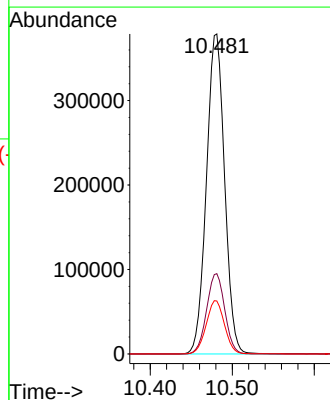
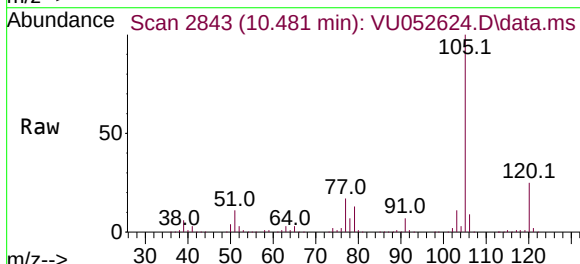
Instrument :
MSVOA_U
ClientSampleId :
VICV066

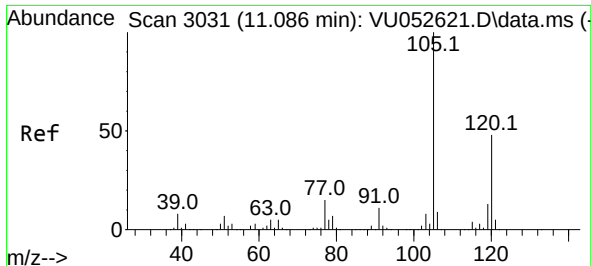
Tgt Ion: 75 Resp: 196273
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 34.1 27.3 40.9



#61
Isopropylbenzene
Concen: 55.021 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion: 105 Resp: 584466
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8
77 16.9 13.8 20.6





#62

1,3,5-Trimethylbenzene

Concen: 56.644 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.003 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

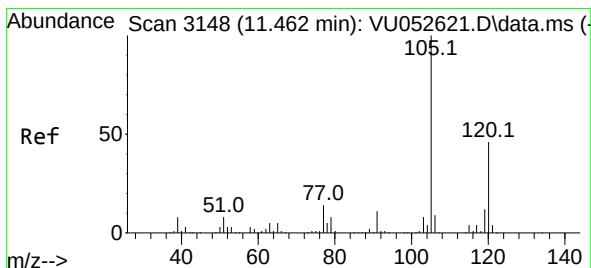
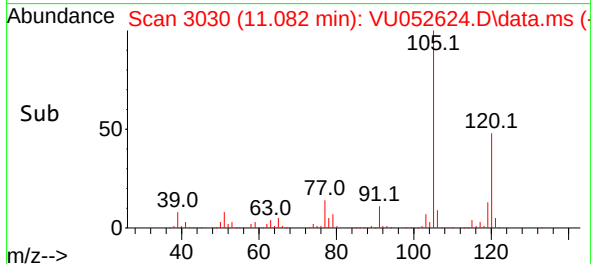
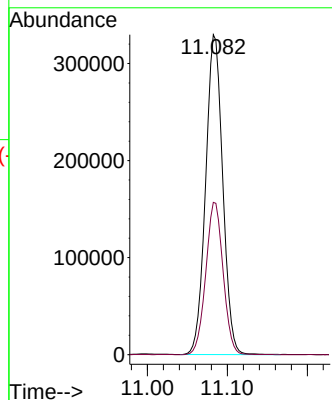
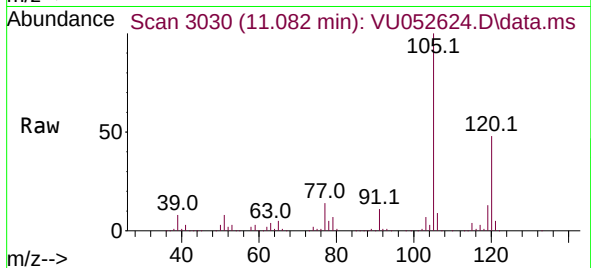
VICV066

Tgt Ion:105 Resp: 490638

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 57.268 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU052624.D

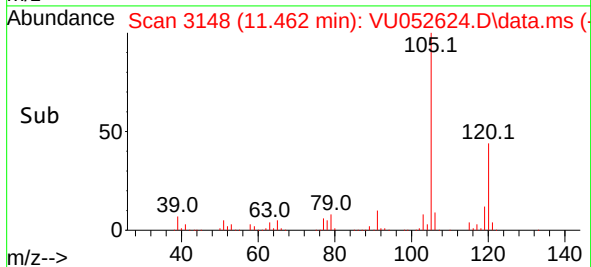
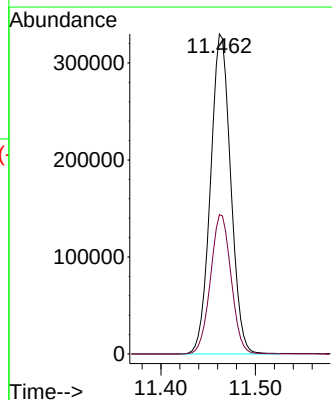
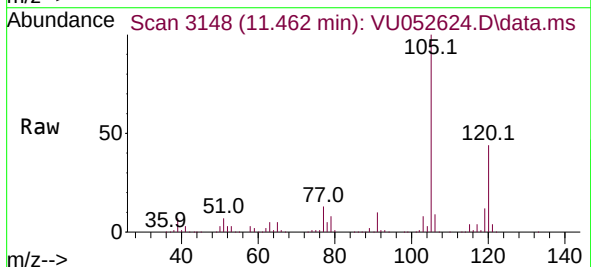
Acq: 06 Jan 2023 13:08

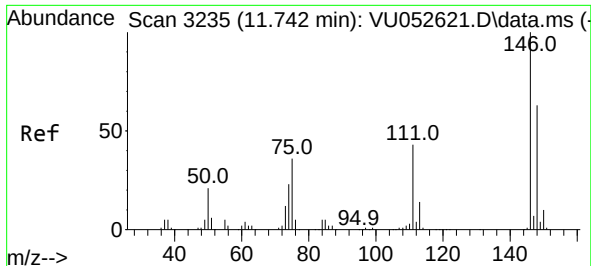
Tgt Ion:105 Resp: 490240

Ion Ratio Lower Upper

105 100

120 44.4 36.1 54.1

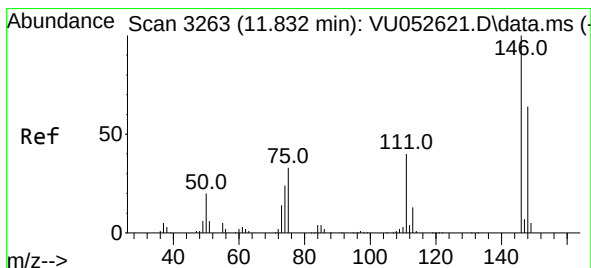
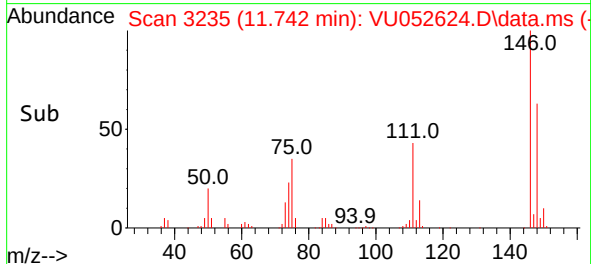
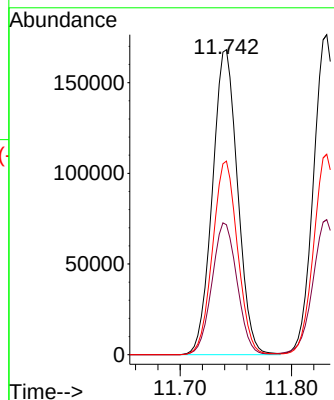
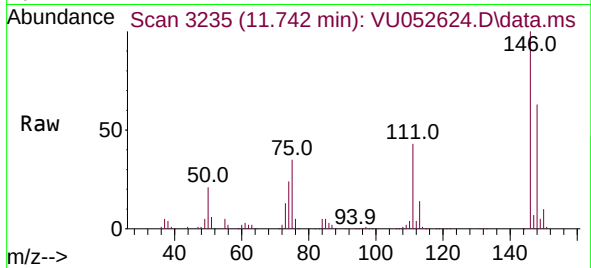




#64
1,3-Dichlorobenzene
Concen: 51.800 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

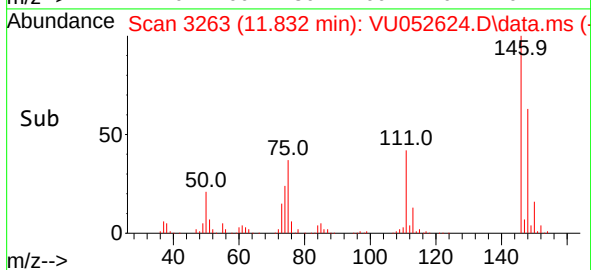
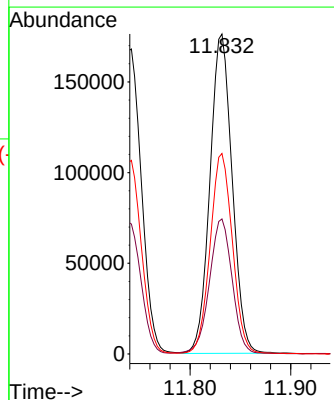
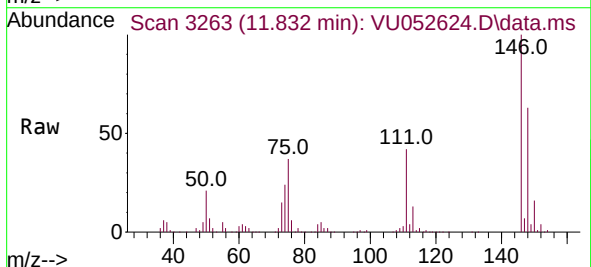
Instrument :
MSVOA_U
ClientSampleId :
VICV066

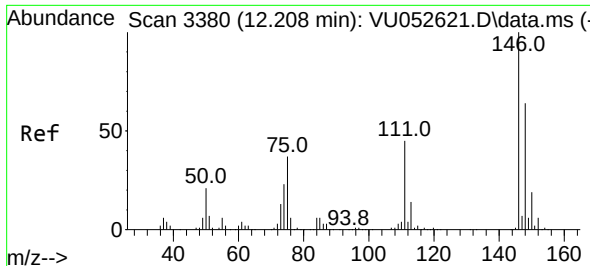
Tgt Ion:146 Resp: 264923
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.3
148 63.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 50.166 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion:146 Resp: 270321
Ion Ratio Lower Upper
146 100
111 42.2 28.6 53.0
148 62.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 50.415 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV066

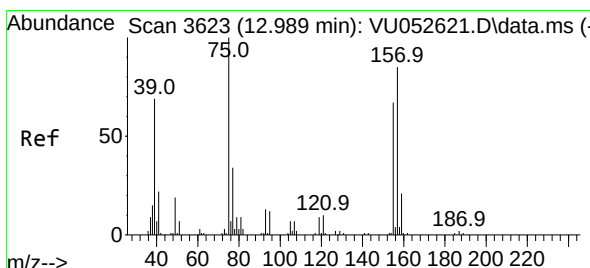
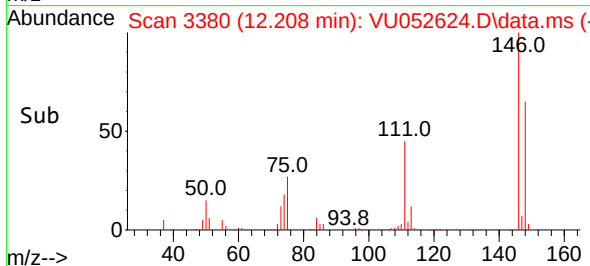
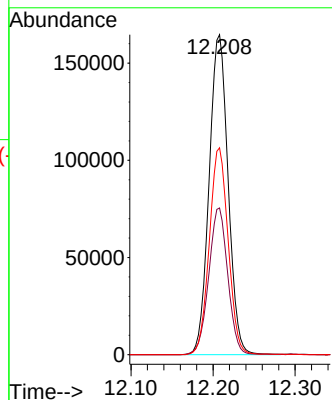
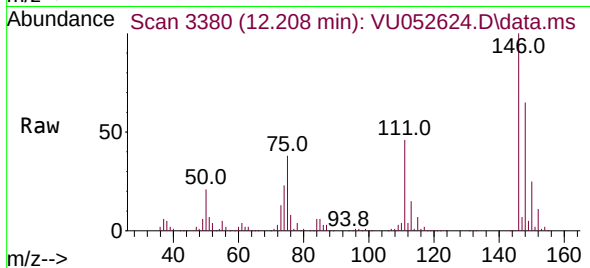
Tgt Ion:146 Resp: 264993

Ion Ratio Lower Upper

146 100

111 45.8 35.7 53.5

148 64.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.674 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

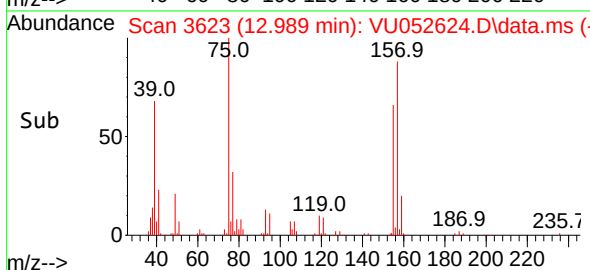
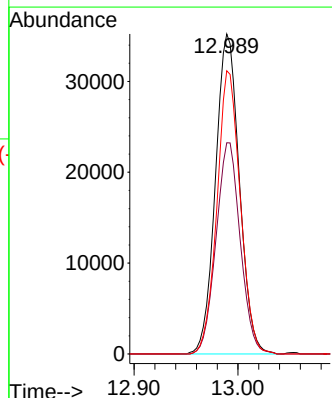
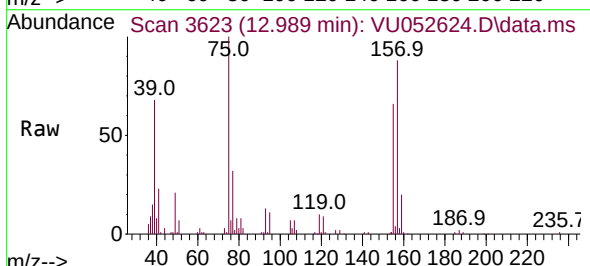
Tgt Ion: 75 Resp: 56253

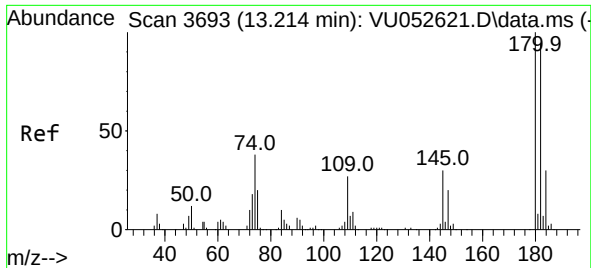
Ion Ratio Lower Upper

75 100

155 66.0 53.5 80.3

157 88.5 68.4 102.6

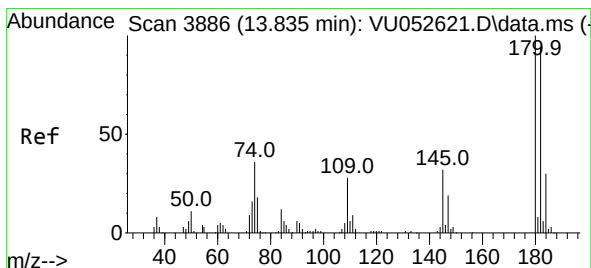
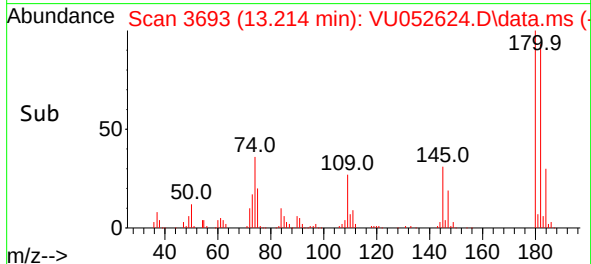
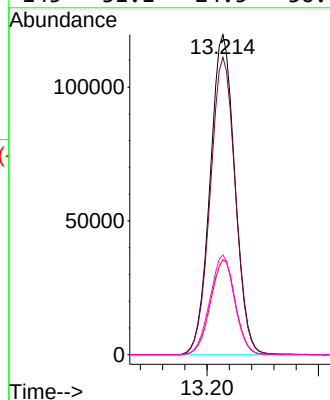
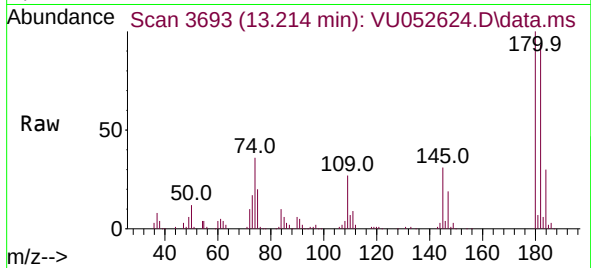




#69
1,3,5-Trichlorobenzene
Concen: 51.170 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

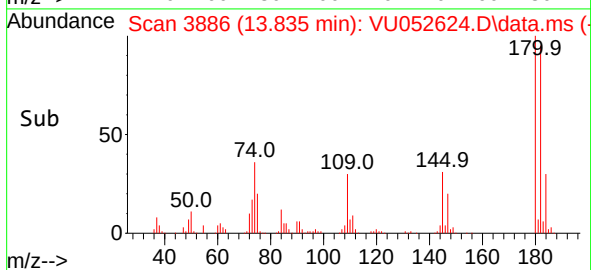
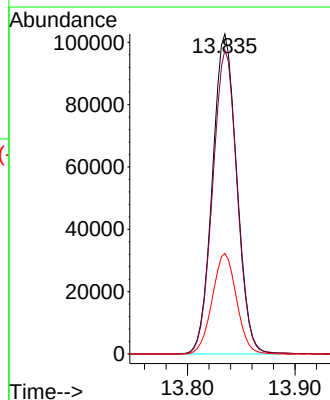
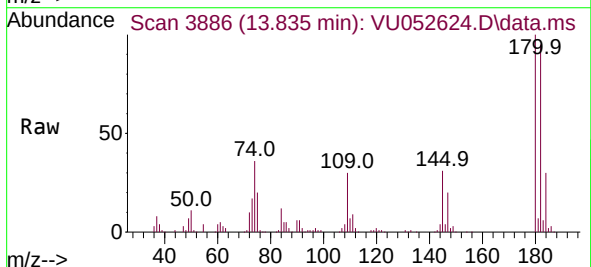
Instrument :
MSVOA_U
ClientSampleId :
VICV066

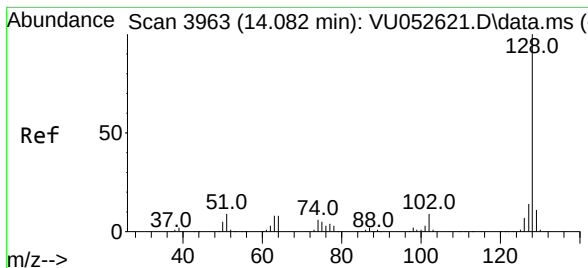
Tgt Ion:180 Resp: 184806
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
184 29.8 23.8 35.8
145 31.1 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 52.658 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU052624.D
Acq: 06 Jan 2023 13:08

Tgt Ion:180 Resp: 161807
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 31.3 25.0 37.6





#71

Naphthalene

Concen: 59.113 ug/L

RT: 14.079 min Scan# 3962

Delta R.T. -0.003 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV066

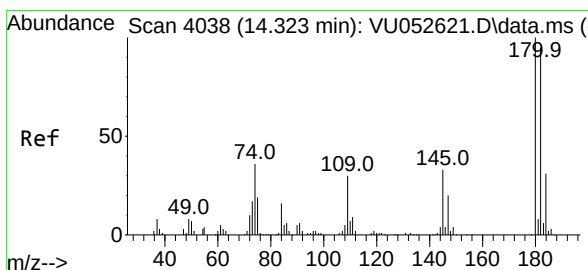
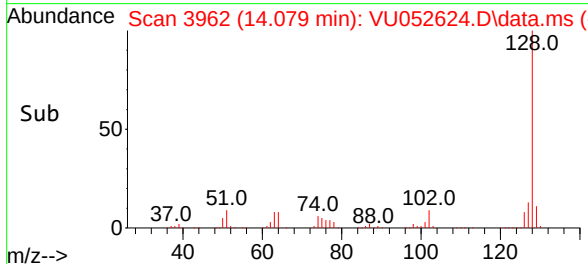
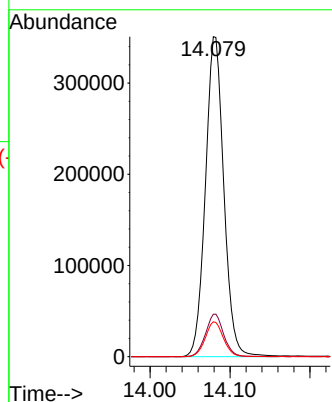
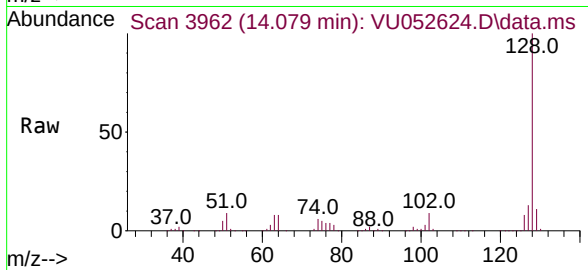
Tgt Ion:128 Resp: 561435

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 54.781 ug/L

RT: 14.323 min Scan# 4038

Delta R.T. -0.000 min

Lab File: VU052624.D

Acq: 06 Jan 2023 13:08

Tgt Ion:180 Resp: 172934

Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

145 33.0 27.0 40.4

