

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053193.D
 Acq On : 15 Mar 2023 10:59
 Operator : JC/MD
 Sample : VSTD10008
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100008

Quant Time: Mar 16 03:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:43:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	176644	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	93486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	165981	101.722	ug/L	0.00
7) Chloroethane-d5	1.912	69	136916	100.766	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	289784	103.927	ug/L	0.00
21) 2-Butanone-d5	4.620	46	155198	185.927	ug/L	0.00
24) Chloroform-d	5.057	84	275805	97.854	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	169879	95.090	ug/L	0.00
32) Benzene-d6	5.722	84	571525	94.996	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	183827	93.673	ug/L	0.00
41) Toluene-d8	7.893	98	529981	95.156	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.172	79	92197	92.659	ug/L	0.00
47) 2-Hexanone-d5	8.626	63	118434	177.943	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	240932	92.345	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	186669	92.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	193541	106.777	ug/L	100
3) Chloromethane	1.520	50	172643	98.267	ug/L	100
5) Vinyl chloride	1.604	62	195143	103.525	ug/L	98
6) Bromomethane	1.858	94	122875	102.929	ug/L	97
8) Chloroethane	1.935	64	115696	101.297	ug/L	99
9) Trichlorofluoromethane	2.141	101	240263	99.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	147970	107.055	ug/L	98
12) 1,1-Dichloroethene	2.581	96	135703	104.445	ug/L	97
13) Acetone	2.632	43	171461	284.329	ug/L	99
14) Carbon disulfide	2.793	76	411666	98.315	ug/L	99
15) Methyl Acetate	2.944	43	122540	104.578	ug/L	100
16) Methylene chloride	3.044	84	153338	101.907	ug/L	99
17) trans-1,2-Dichloroethene	3.349	96	137637	104.013	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	473625	106.701	ug/L	98
19) 1,1-Dichloroethane	3.867	63	279342	107.011	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	162186	104.977	ug/L	98
22) 2-Butanone	4.697	43	200065	233.586	ug/L	99
23) Bromochloromethane	4.970	128	78517	107.940	ug/L	95
25) Chloroform	5.083	83	283127	106.337	ug/L	98
27) 1,2-Dichloroethane	5.787	62	218958	106.083	ug/L	100
29) Cyclohexane	5.385	56	260302	102.216	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	242185	101.204	ug/L	99
31) Carbon tetrachloride	5.520	117	200724	99.180	ug/L	99
33) Benzene	5.771	78	619293	102.364	ug/L	100
34) Trichloroethene	6.536	95	159404	101.217	ug/L	97
35) Methylcyclohexane	6.758	83	282722	103.746	ug/L	100
37) 1,2-Dichloropropane	6.783	63	172813	103.180	ug/L	99
38) Bromodichloromethane	7.099	83	219339	104.393	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	291746	106.059	ug/L	100
40) 4-Methyl-2-pentanone	7.783	43	351235	196.699	ug/L	99
42) Toluene	7.963	91	668549	103.339	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	266054	104.866	ug/L	99

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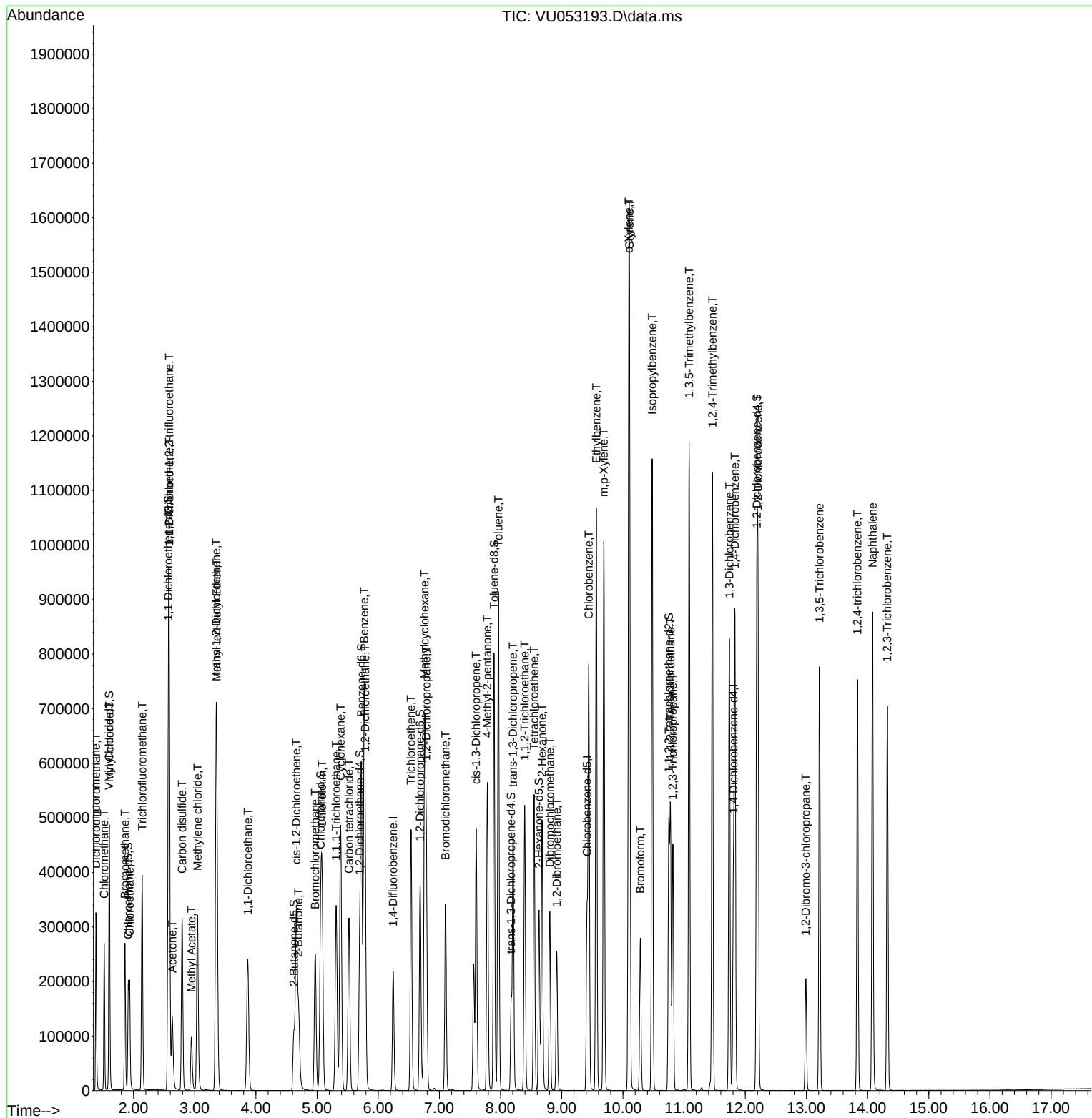
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	158160	104.447	ug/L	99
46) Tetrachloroethene	8.549	164	106336	102.515	ug/L	98
48) 2-Hexanone	8.677	43	292804	204.649	ug/L	98
49) Dibromochloromethane	8.806	129	164584	104.950	ug/L	98
50) 1,2-Dibromoethane	8.918	107	169549	104.887	ug/L	99
51) Chlorobenzene	9.442	112	413510	103.274	ug/L	99
52) Ethylbenzene	9.565	91	762459	105.726	ug/L	99
53) m,p-Xylene	9.687	106	285488	105.552	ug/L	99
54) o-Xylene	10.095	106	281449	104.714	ug/L	100
55) Styrene	10.108	104	482308	107.971	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	257510	104.049	ug/L	98
59) Bromoform	10.285	173	114123	100.301	ug/L	100
60) 1,2,3-Trichloropropane	10.815	75	190811	98.186	ug/L	99
61) Isopropylbenzene	10.478	105	762166	102.339	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	638689	101.499	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	625563	102.348	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	323837	105.295	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	326664	104.841	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	322668	104.356	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	55754	98.366	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	215429	103.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	201002	102.515	ug/L	100
71) Naphthalene	14.082	128	692862	92.664	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	192575	98.633	ug/L	100

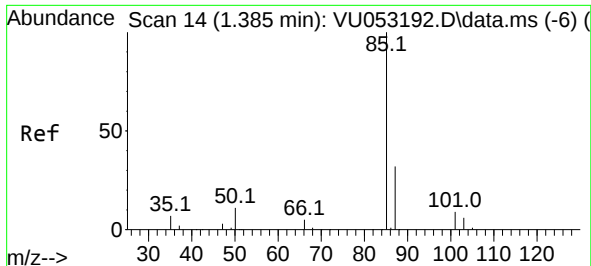
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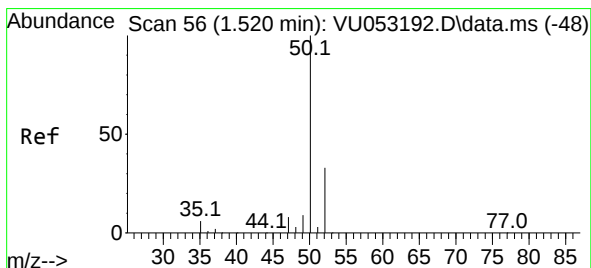
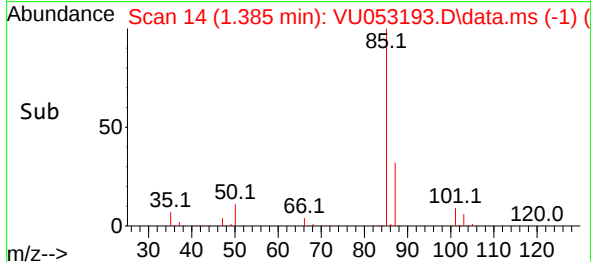
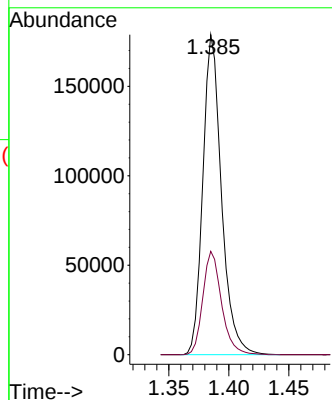
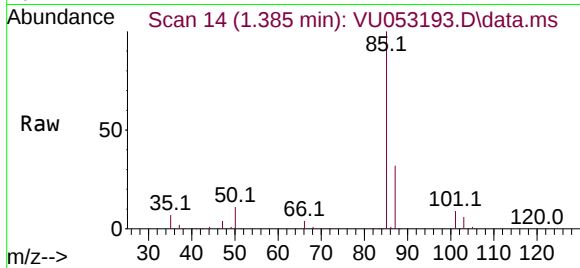




#2
Dichlorodifluoromethane
Concen: 106.777 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

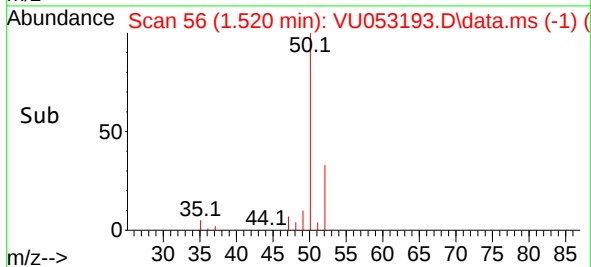
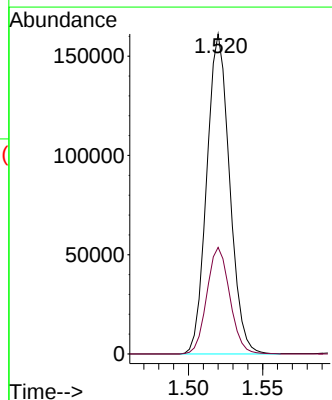
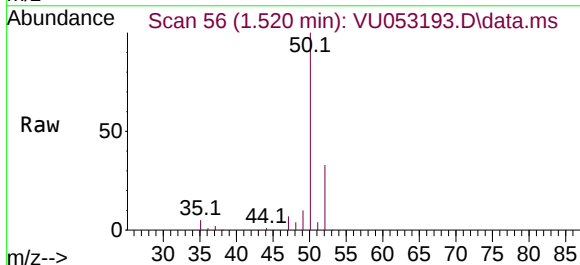
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MSVOA_U
ClientSampleId :
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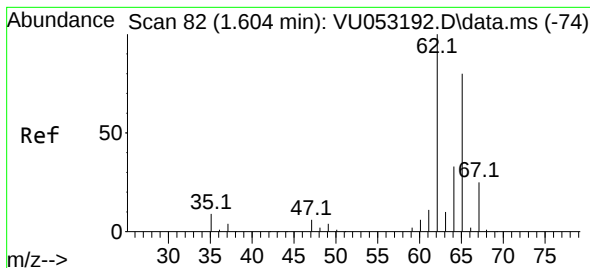
Tgt Ion: 85 Resp: 193541
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 98.267 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 50 Resp: 172643
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4





#5

Vinyl chloride

Concen: 103.525 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

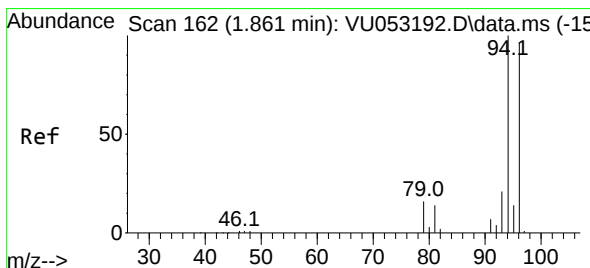
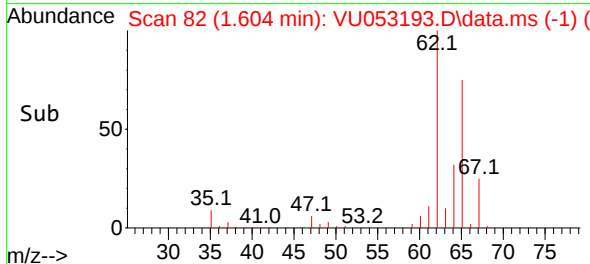
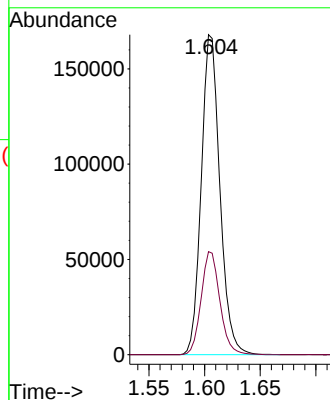
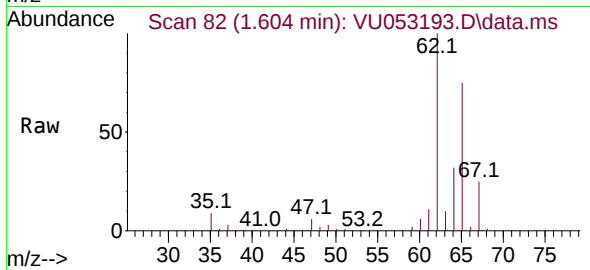
VSTD100008

Tgt Ion: 62 Resp: 195143

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.0



#6

Bromomethane

Concen: 102.929 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU053193.D

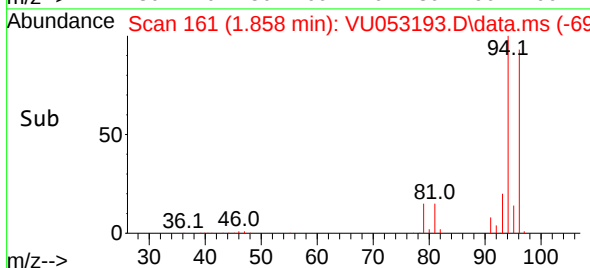
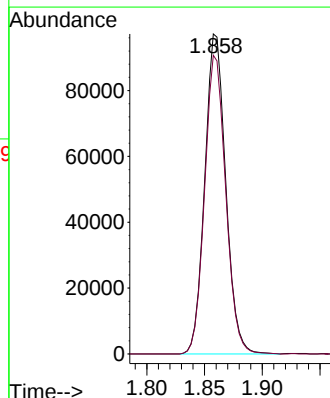
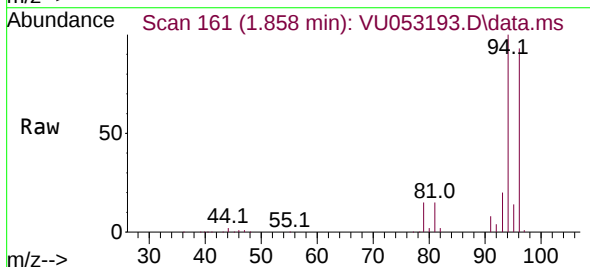
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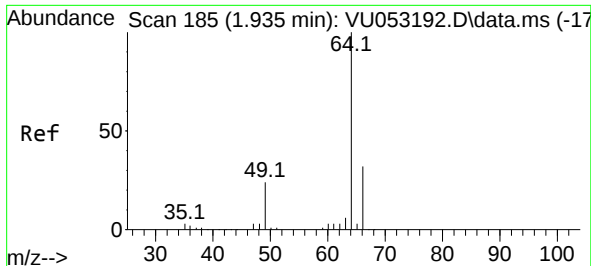
Tgt Ion: 94 Resp: 122875

Ion Ratio Lower Upper

94 100

96 93.3 67.5 125.3

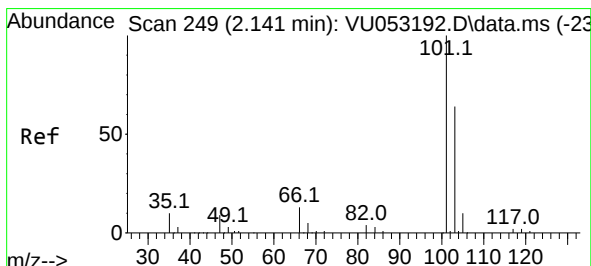
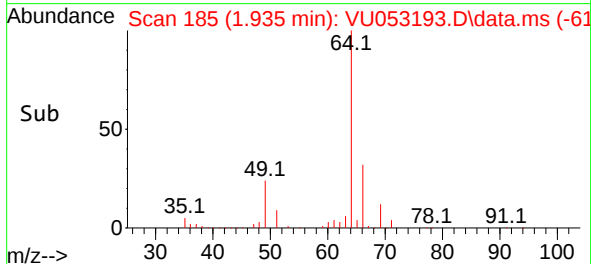
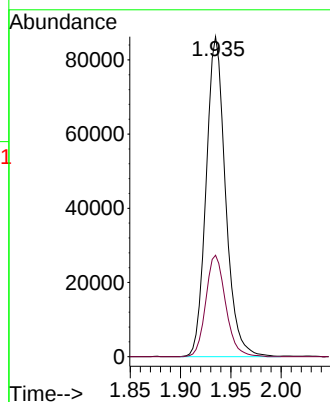
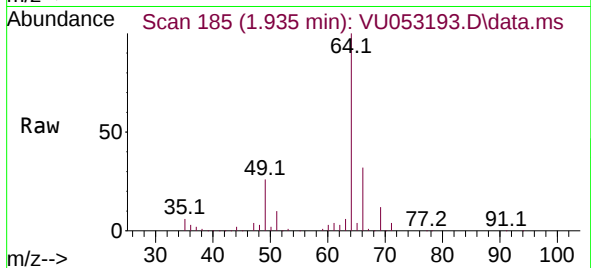




#8
Chloroethane
Concen: 101.297 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

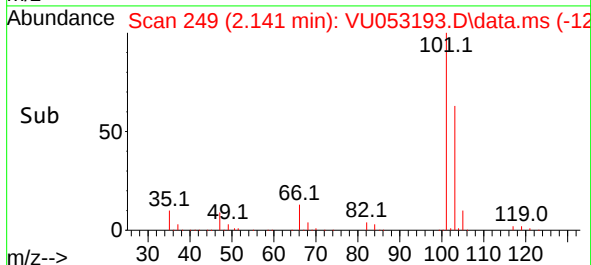
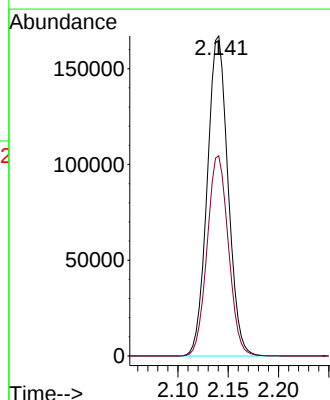
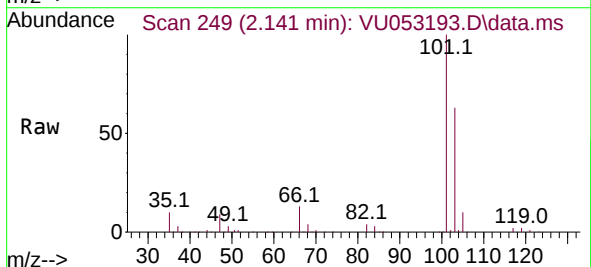
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ClientSampleId :
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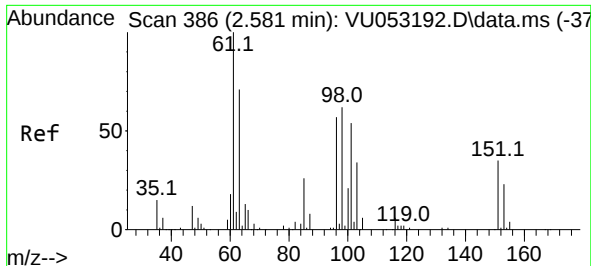
Tgt Ion: 64 Resp: 115696
Ion Ratio Lower Upper
64 100
66 31.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 99.051 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion:101 Resp: 240263
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

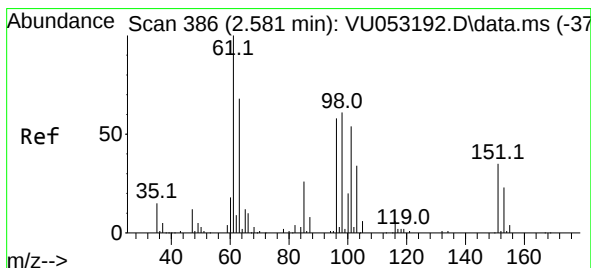
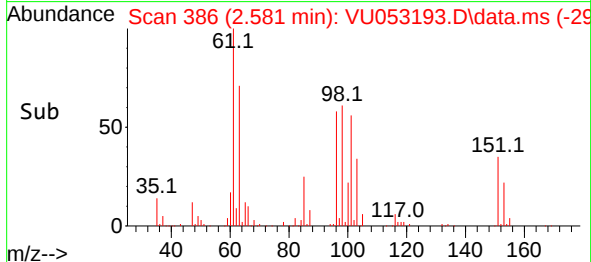
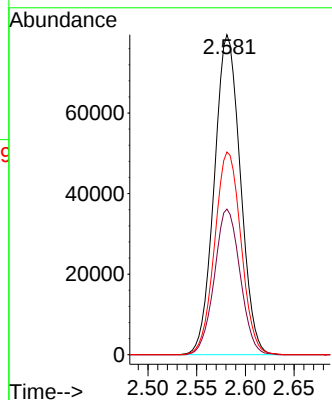
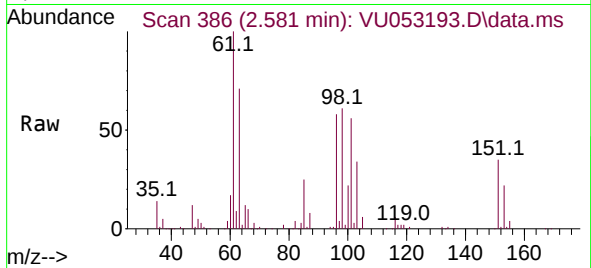




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 107.055 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU053193.D
 Acq: 15 Mar 2023 10:59

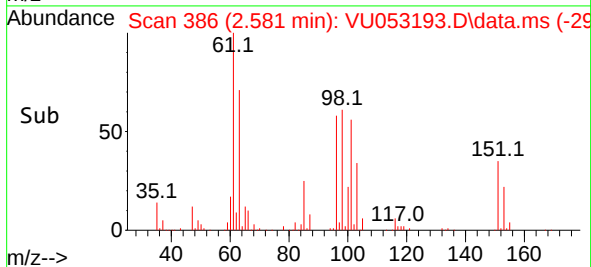
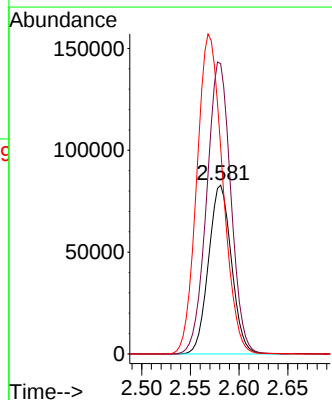
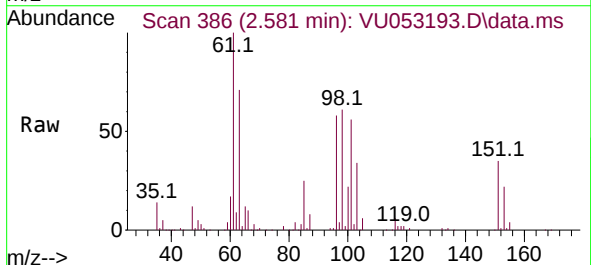
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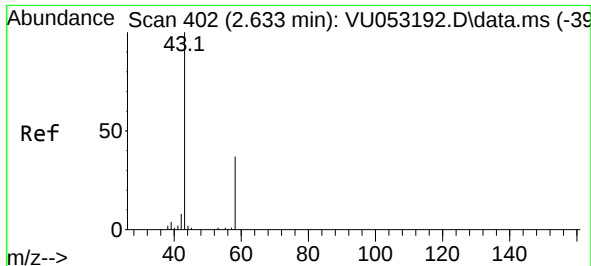
Tgt Ion:101 Resp: 147970
 Ion Ratio Lower Upper
 101 100
 85 44.9 37.0 55.6
 151 64.2 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 104.445 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU053193.D
 Acq: 15 Mar 2023 10:59

Tgt Ion: 96 Resp: 135703
 Ion Ratio Lower Upper
 96 100
 61 171.9 122.2 226.9
 63 122.2 89.9 166.9





#13

Acetone

Concen: 284.329 ug/L

RT: 2.632 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

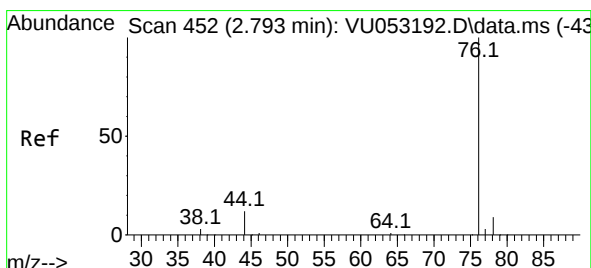
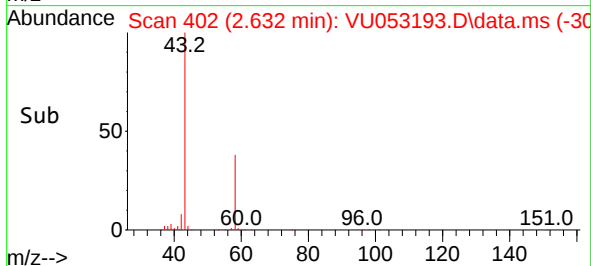
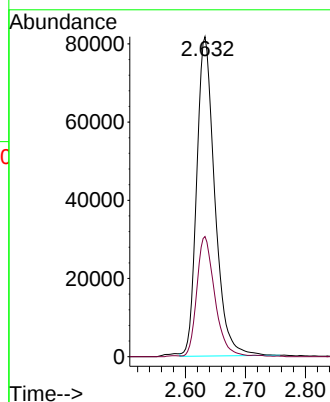
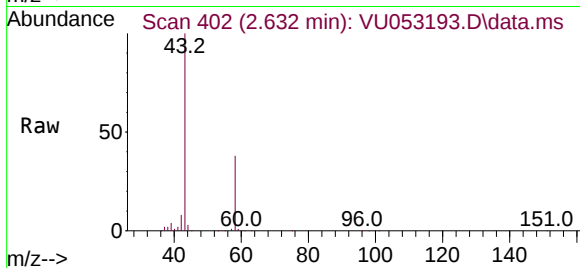
VSTD100008

Tgt Ion: 43 Resp: 171461

Ion Ratio Lower Upper

43 100

58 37.0 0.0 75.0



#14

Carbon disulfide

Concen: 98.315 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU053193.D

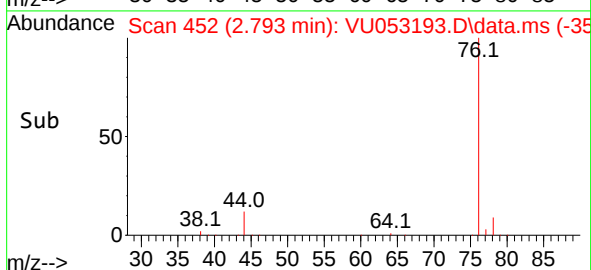
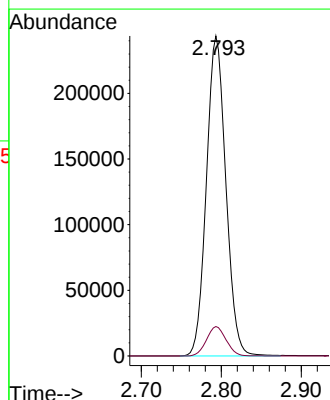
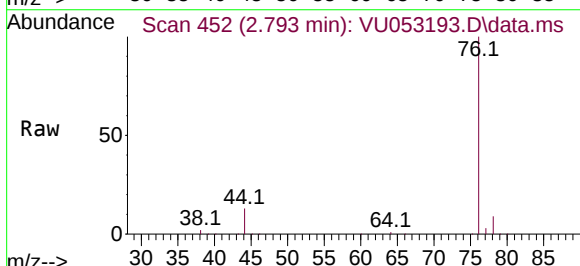
Acq: 15 Mar 2023 10:59

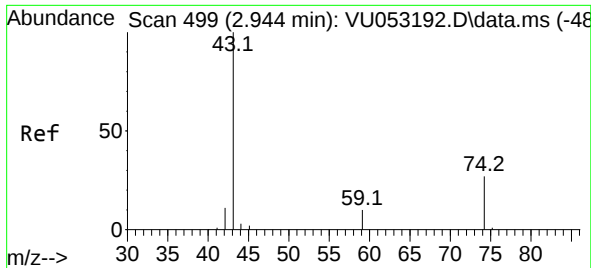
Tgt Ion: 76 Resp: 411666

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

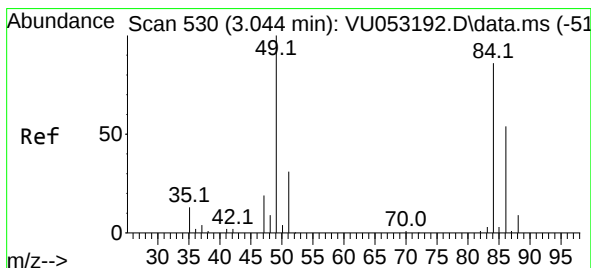
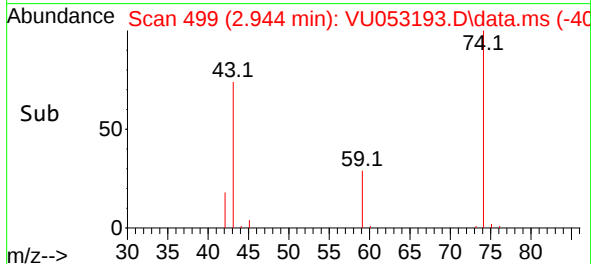
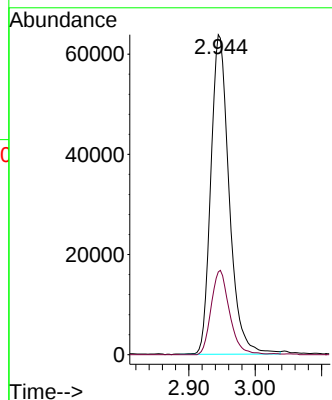
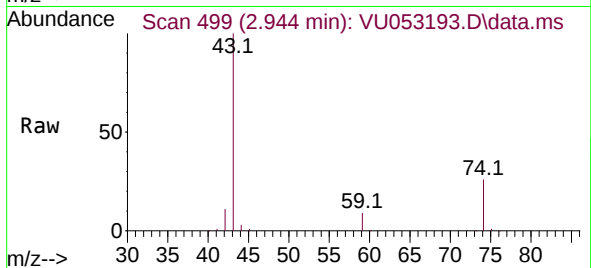




#15
Methyl Acetate
Concen: 104.578 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

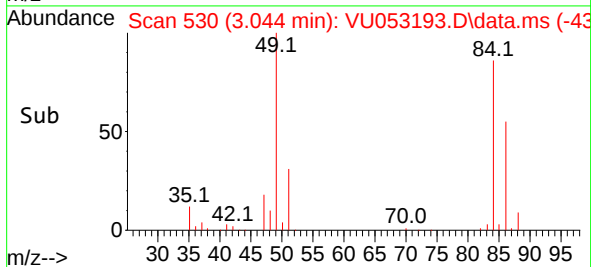
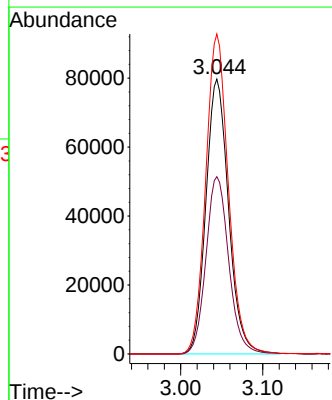
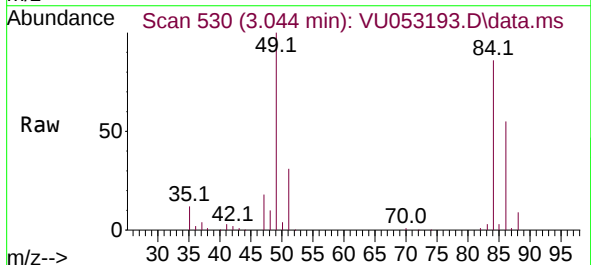
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

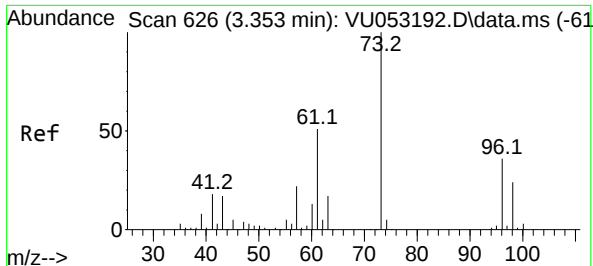
Tgt Ion: 43 Resp: 122540
Ion Ratio Lower Upper
43 100
74 26.4 21.4 32.0



#16
Methylene chloride
Concen: 101.907 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 84 Resp: 153338
Ion Ratio Lower Upper
84 100
86 64.5 44.4 82.4
49 116.4 81.6 151.6





#17

trans-1,2-Dichloroethene

Concen: 104.013 ug/L

RT: 3.349 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD100008

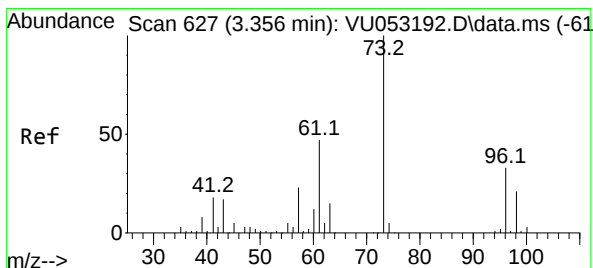
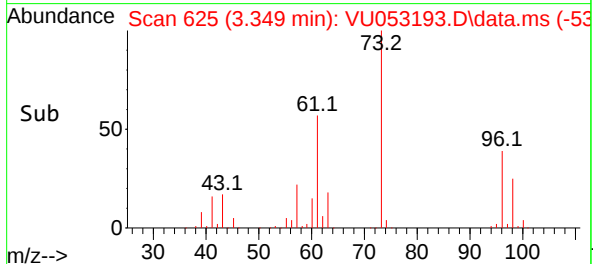
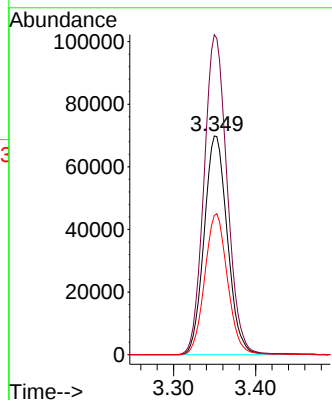
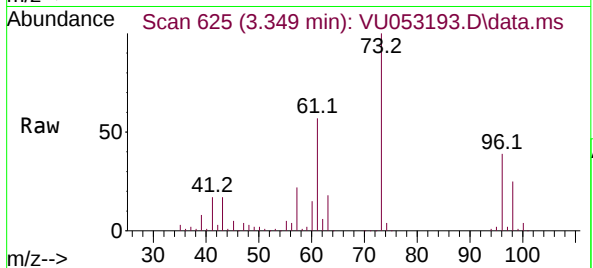
Tgt Ion: 96 Resp: 137637

Ion Ratio Lower Upper

96 100

61 146.3 99.6 185.0

98 63.7 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 106.701 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

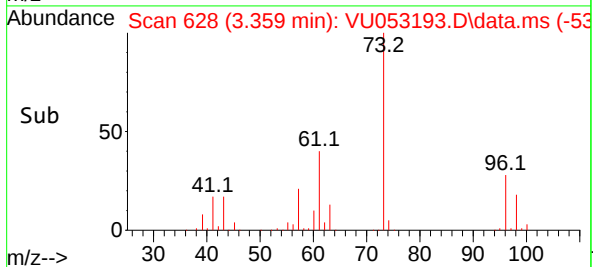
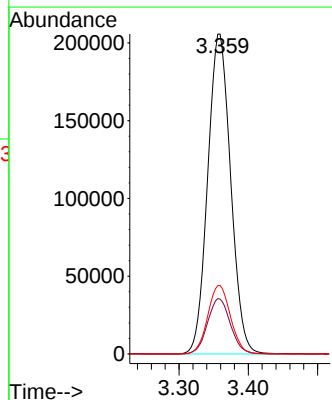
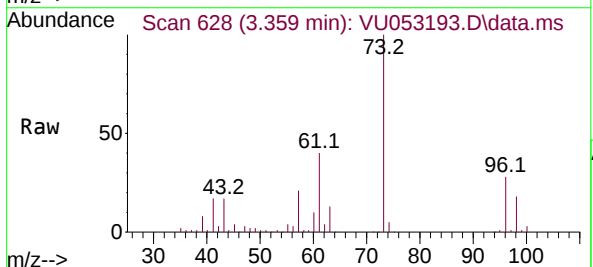
Tgt Ion: 73 Resp: 473625

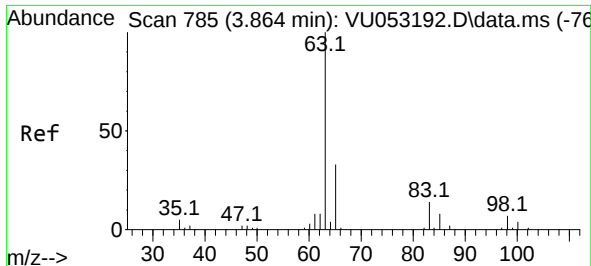
Ion Ratio Lower Upper

73 100

43 17.3 14.2 21.2

57 21.2 18.0 27.0





#19

1,1-Dichloroethane

Concen: 107.011 ug/L

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD100008

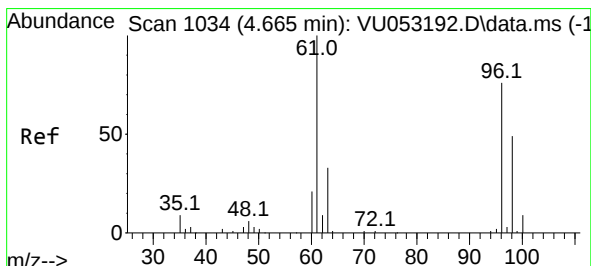
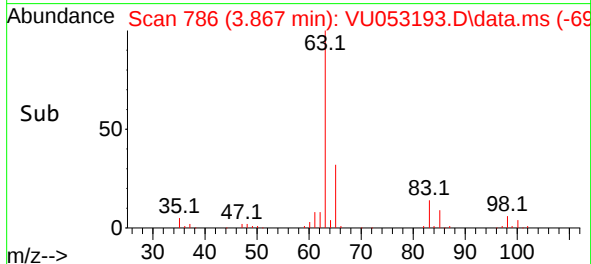
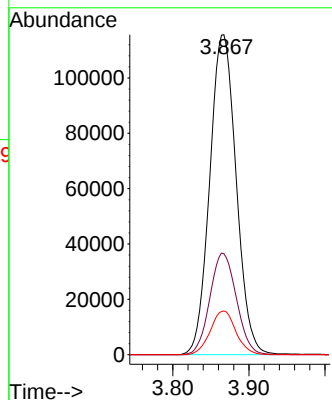
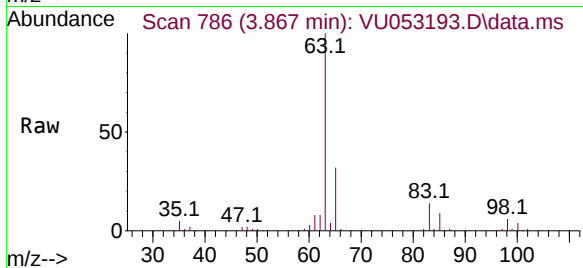
Tgt Ion: 63 Resp: 279342

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 13.7 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 104.977 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

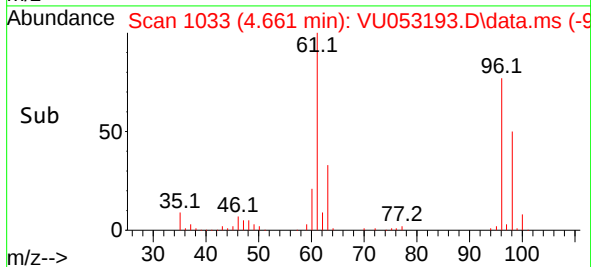
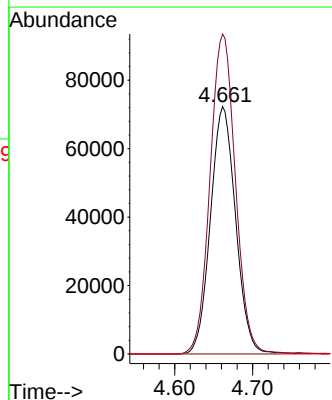
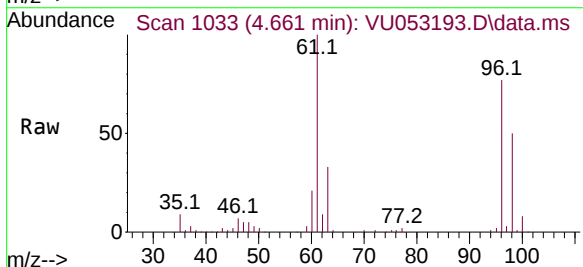
Tgt Ion: 96 Resp: 162186

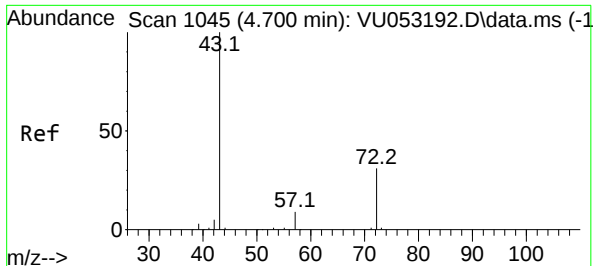
Ion Ratio Lower Upper

96 100

61 129.4 92.5 171.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 233.586 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

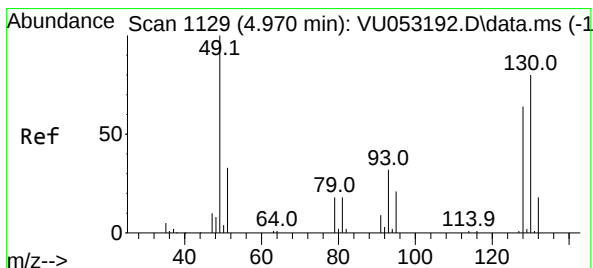
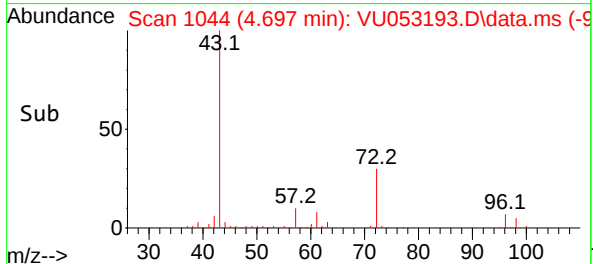
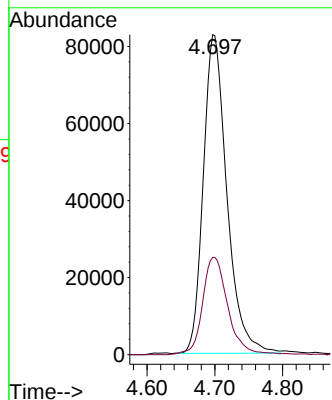
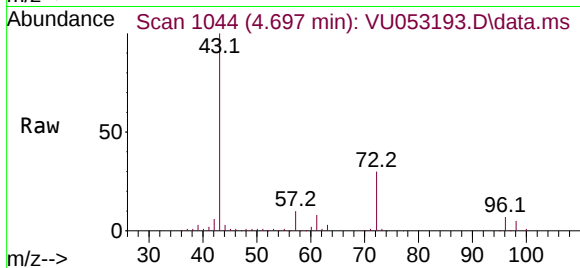
VSTD100008

Tgt Ion: 43 Resp: 200065

Ion Ratio Lower Upper

43 100

72 32.4 16.0 47.9



#23

Bromochloromethane

Concen: 107.940 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Tgt Ion:128 Resp: 78517

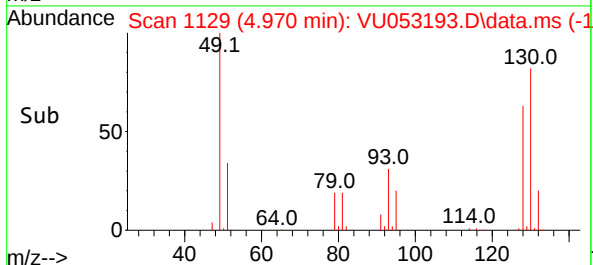
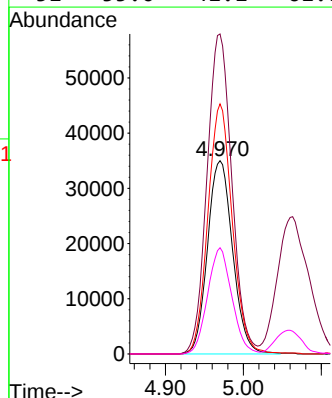
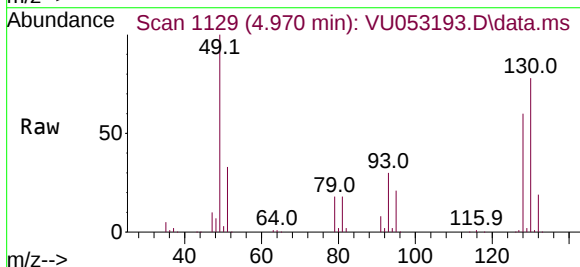
Ion Ratio Lower Upper

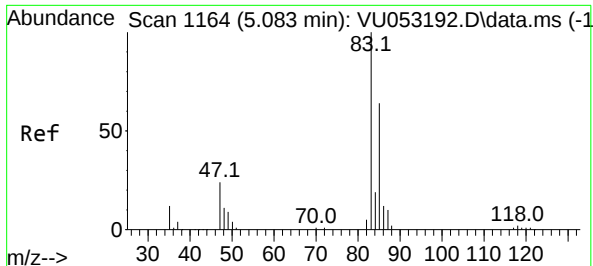
128 100

49 165.5 109.9 204.1

130 129.4 87.2 161.9

51 55.0 41.1 61.7





#25

Chloroform

Concen: 106.337 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

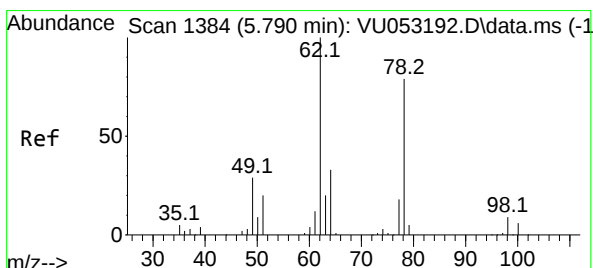
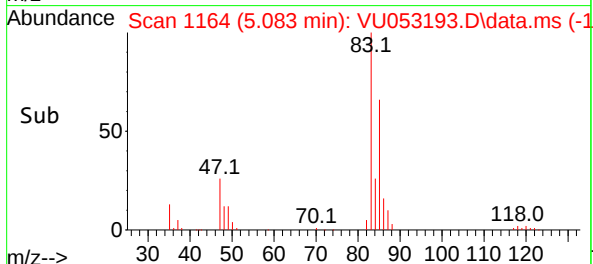
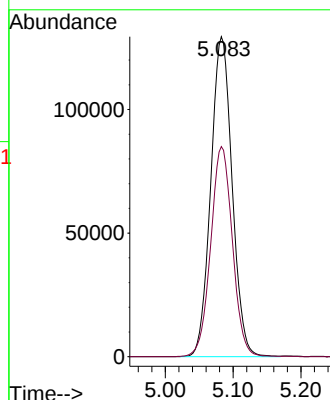
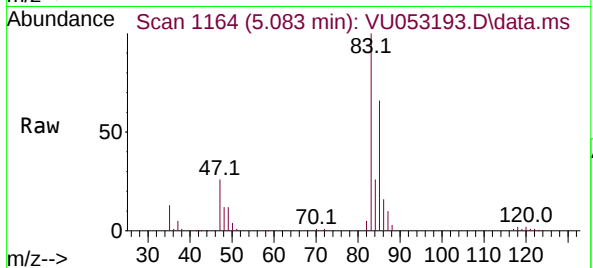
VSTD100008

Tgt Ion: 83 Resp: 283127

Ion Ratio Lower Upper

83 100

85 65.7 44.9 83.3



#27

1,2-Dichloroethane

Concen: 106.083 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VU053193.D

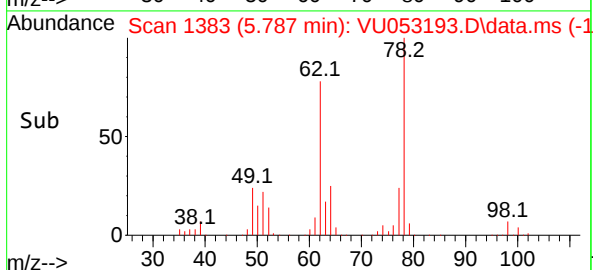
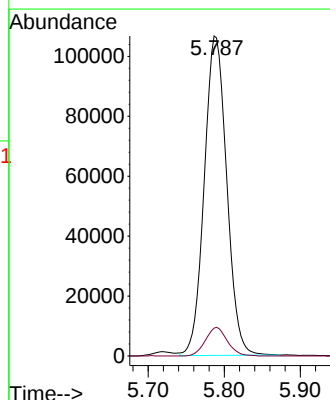
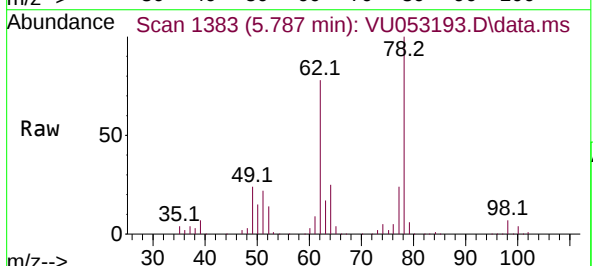
Acq: 15 Mar 2023 10:59

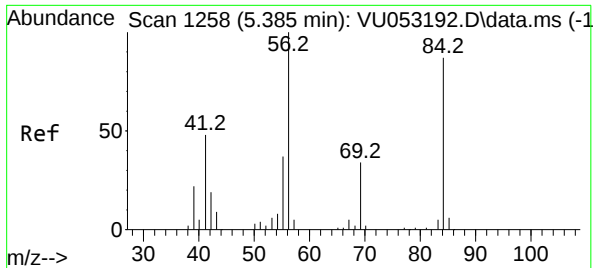
Tgt Ion: 62 Resp: 218958

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.6





#29

Cyclohexane

Concen: 102.216 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD100008

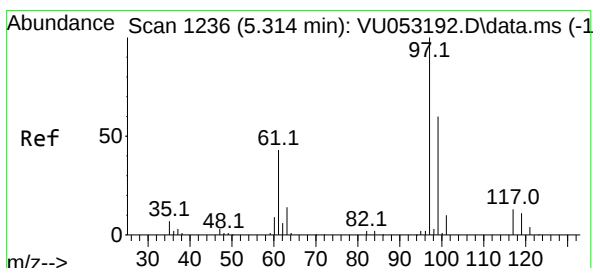
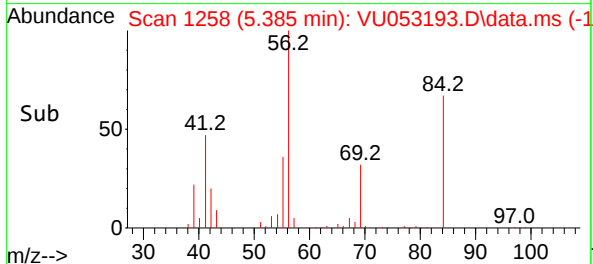
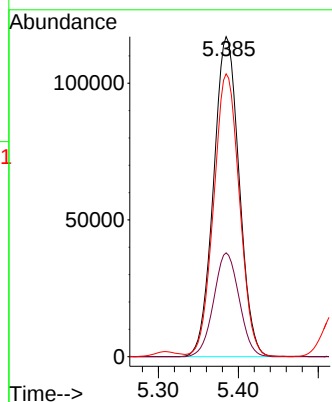
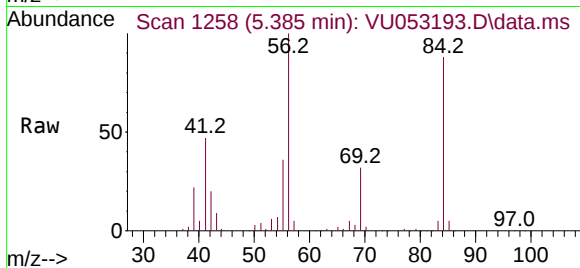
Tgt Ion: 56 Resp: 260302

Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.0

84 89.1 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 101.204 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

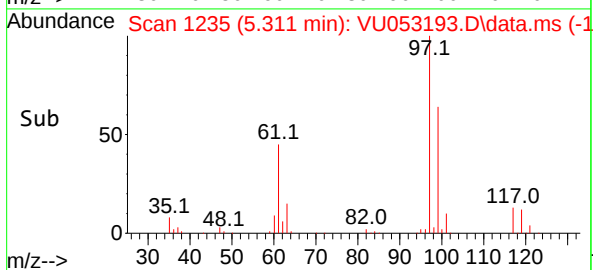
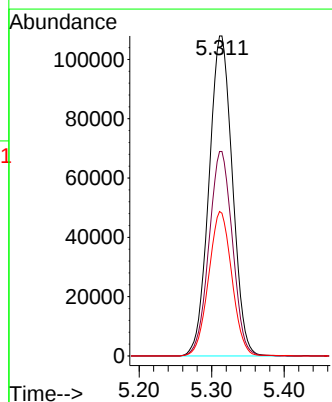
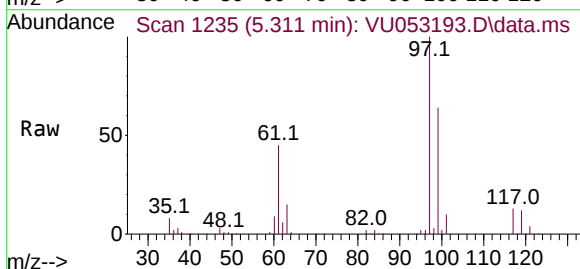
Tgt Ion: 97 Resp: 242185

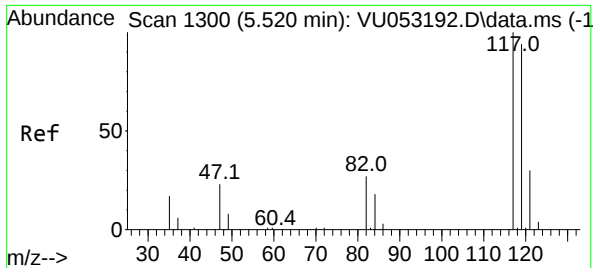
Ion Ratio Lower Upper

97 100

99 64.0 50.6 76.0

61 44.7 36.0 54.0

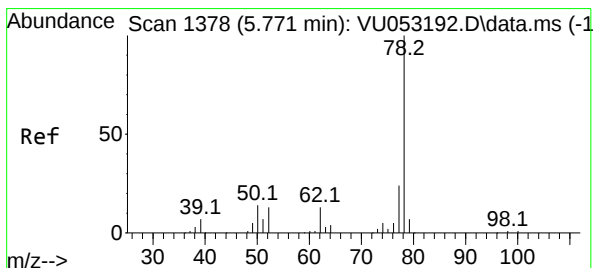
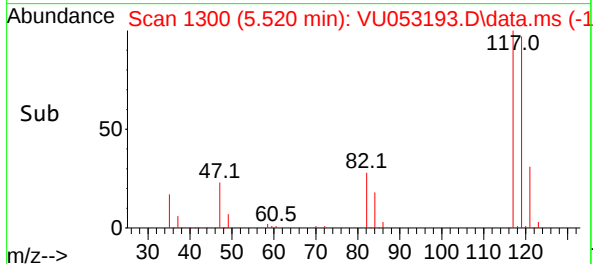
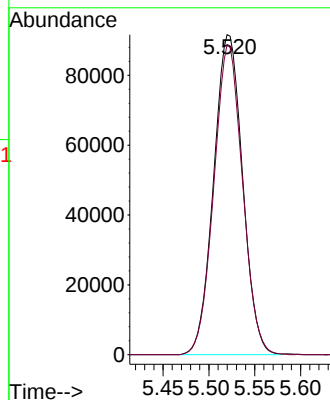
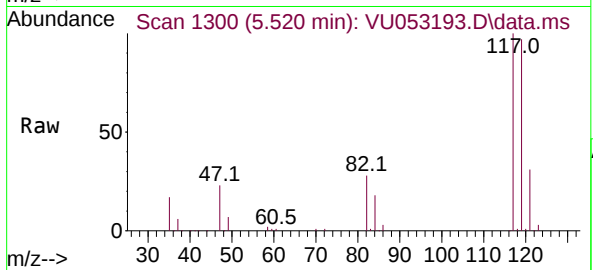




#31
Carbon tetrachloride
Concen: 99.180 ug/L
RT: 5.520 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

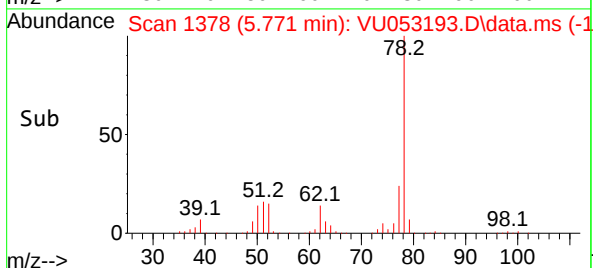
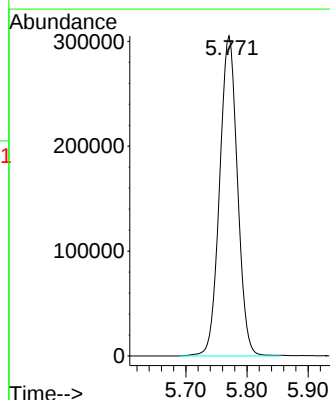
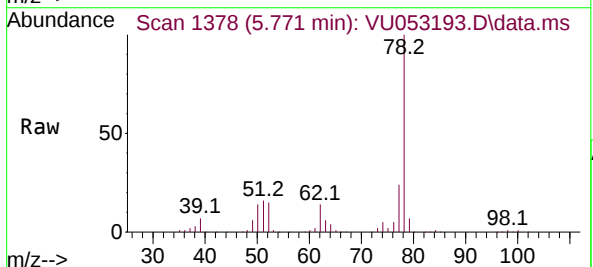
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

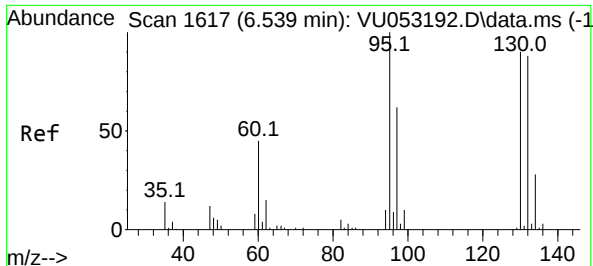
Tgt Ion:117 Resp: 200724
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2



#33
Benzene
Concen: 102.364 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 78 Resp: 619293

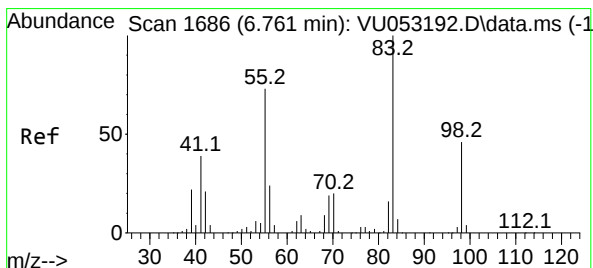
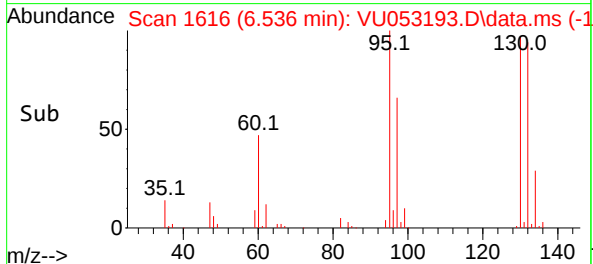
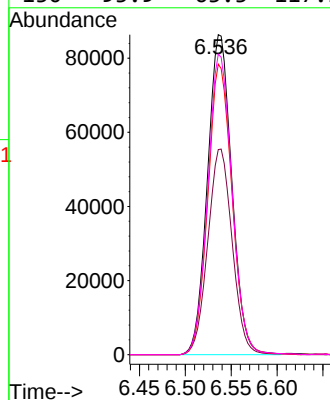
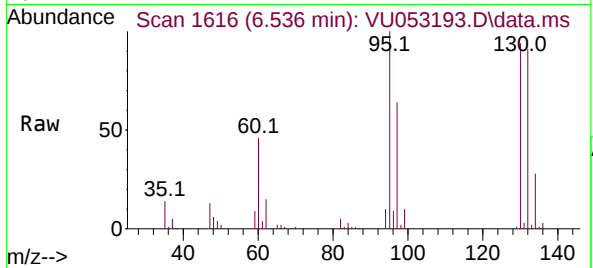




#34
Trichloroethene
Concen: 101.217 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

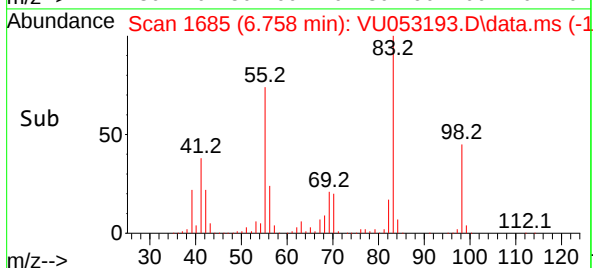
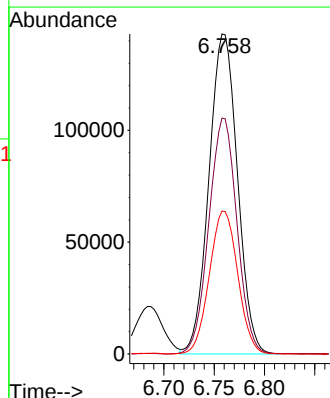
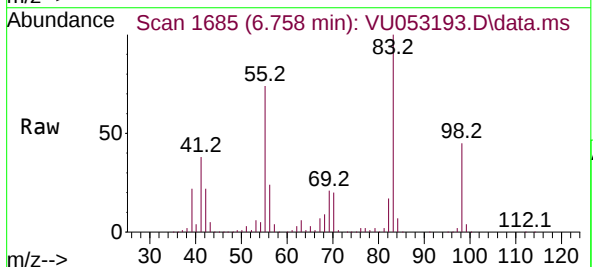
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

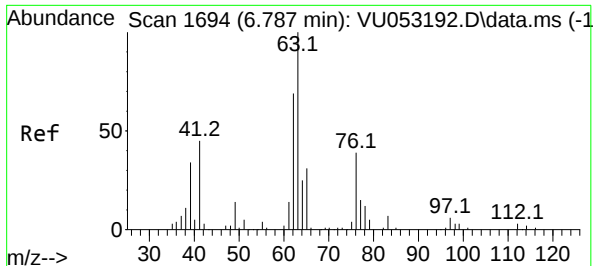
Tgt Ion: 95 Resp: 159404
Ion Ratio Lower Upper
95 100
97 64.1 43.8 81.3
132 90.8 61.5 114.3
130 93.9 63.3 117.5



#35
Methylcyclohexane
Concen: 103.746 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 83 Resp: 282722
Ion Ratio Lower Upper
83 100
55 72.7 58.2 87.4
98 44.4 35.4 53.2

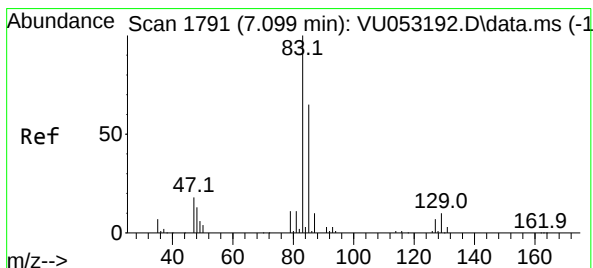
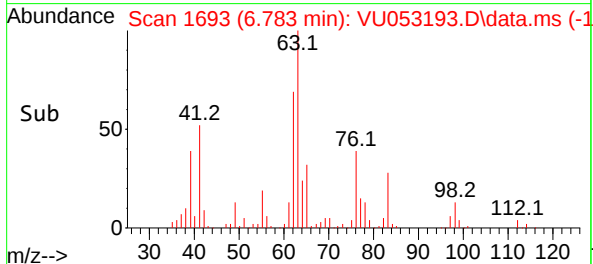
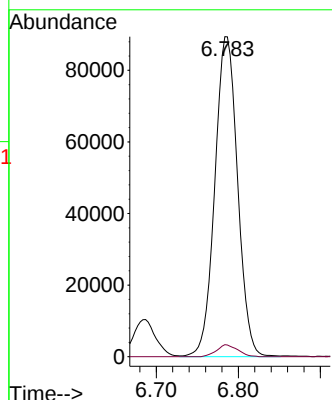
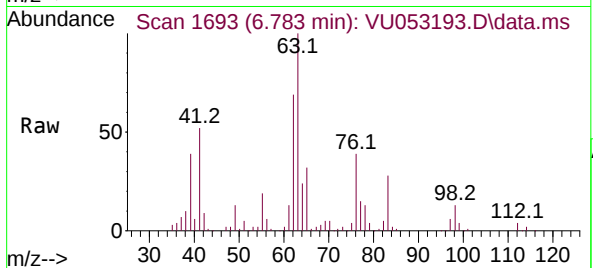




#37
1,2-Dichloropropane
Concen: 103.180 ug/L
RT: 6.783 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

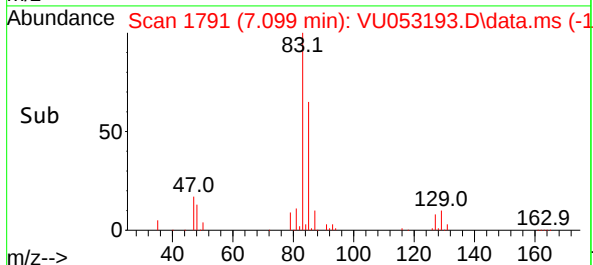
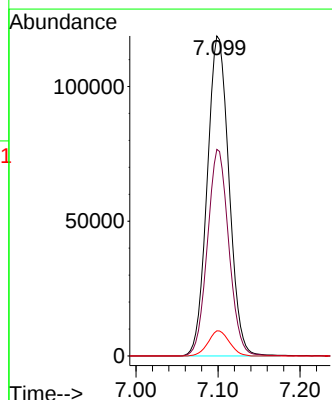
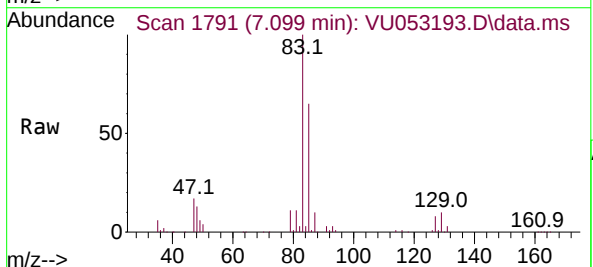
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

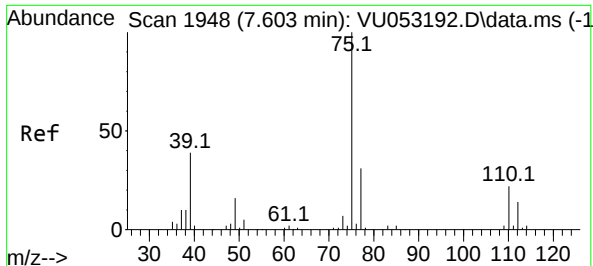
Tgt Ion: 63 Resp: 172813
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8



#38
Bromodichloromethane
Concen: 104.393 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 83 Resp: 219339
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2
127 7.9 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 106.059 ug/L

RT: 7.600 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

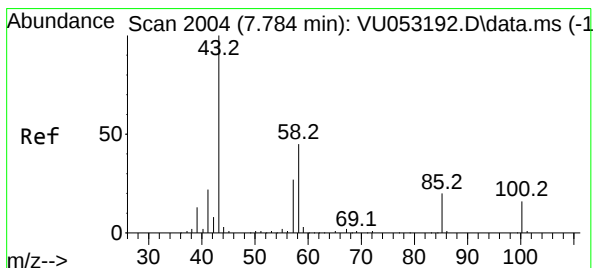
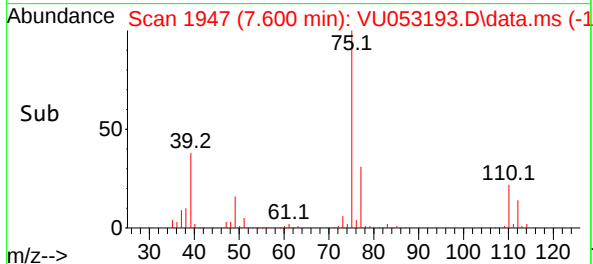
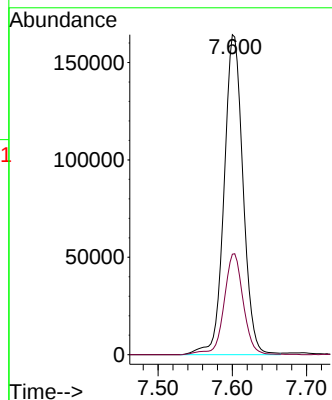
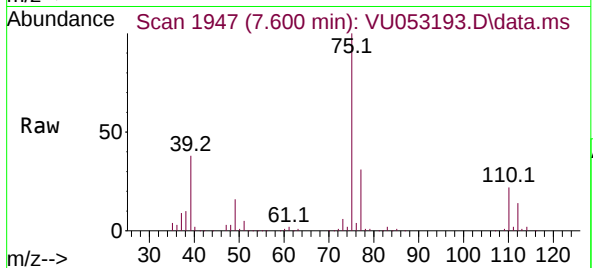
VSTD100008

Tgt Ion: 75 Resp: 291746

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 196.699 ug/L

RT: 7.783 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

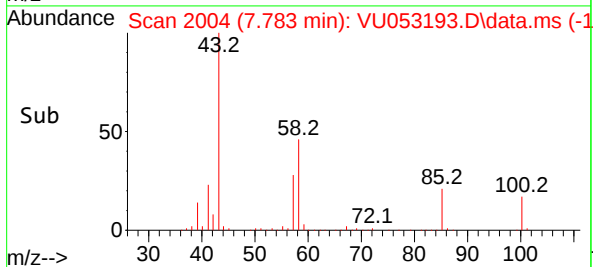
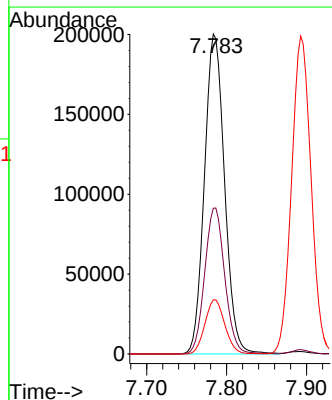
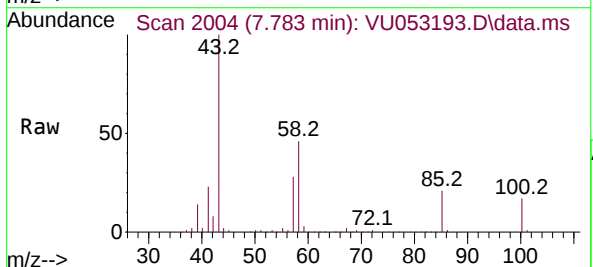
Tgt Ion: 43 Resp: 351235

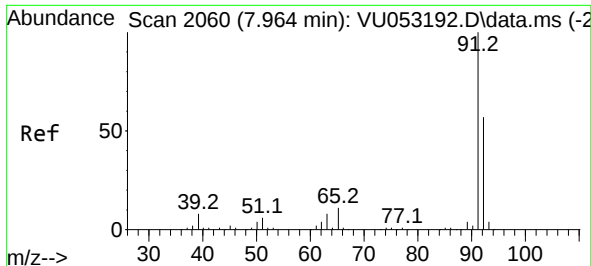
Ion Ratio Lower Upper

43 100

58 45.5 35.8 53.6

100 16.7 13.0 19.6





#42

Toluene

Concen: 103.339 ug/L

RT: 7.963 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

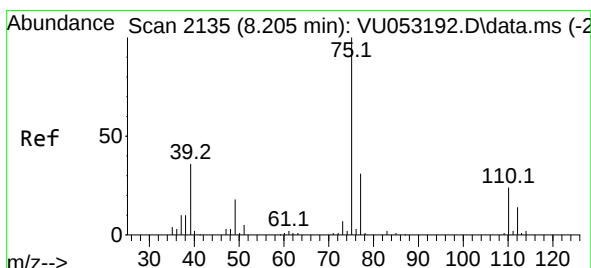
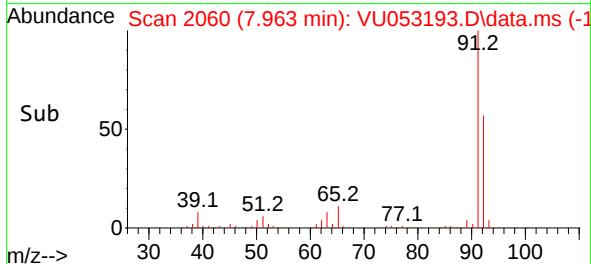
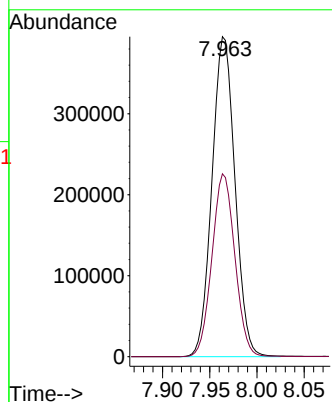
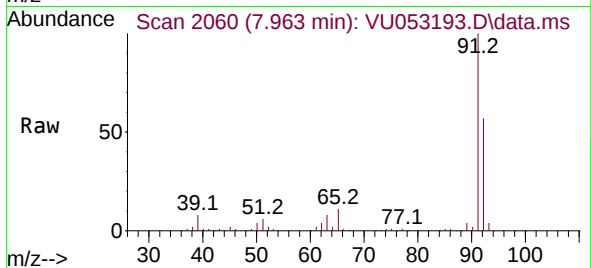
VSTD100008

Tgt Ion: 91 Resp: 668549

Ion Ratio Lower Upper

91 100

92 57.2 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 104.866 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053193.D

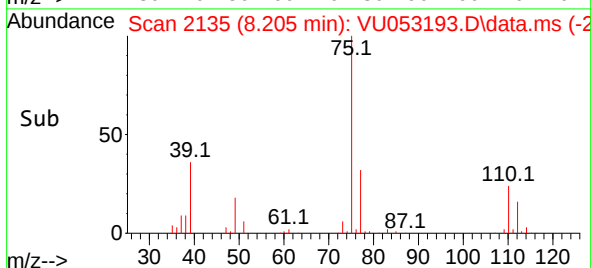
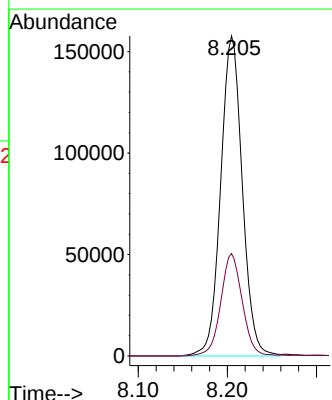
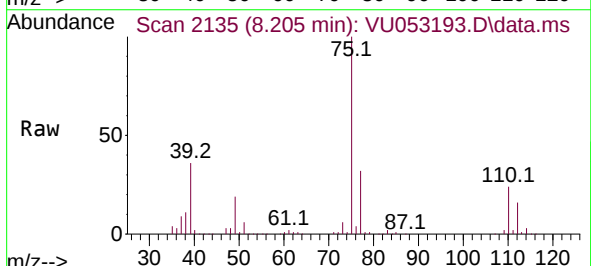
Acq: 15 Mar 2023 10:59

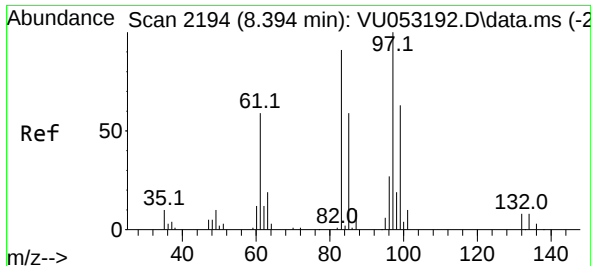
Tgt Ion: 75 Resp: 266054

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



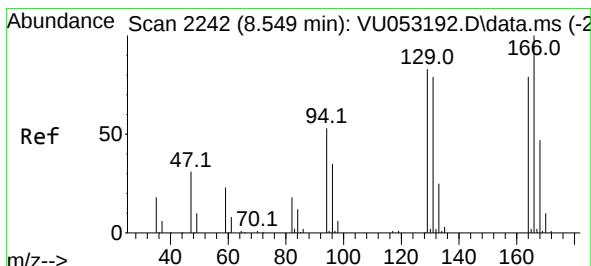
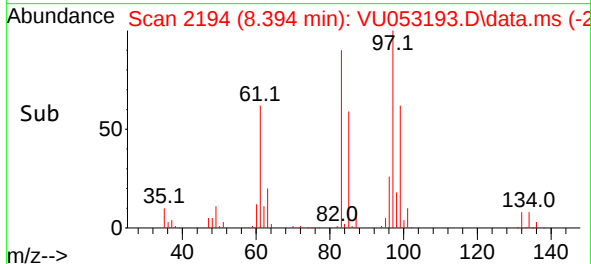
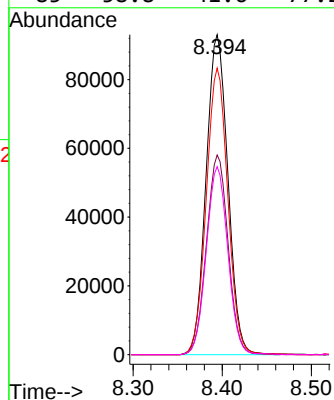
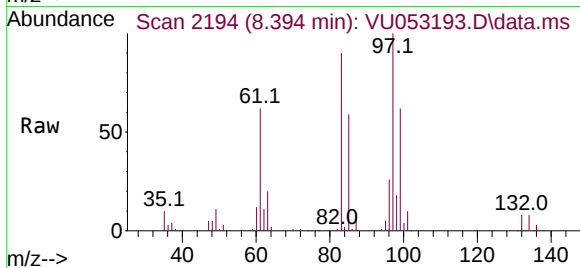


#45
1,1,2-Trichloroethane
Concen: 104.447 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

Tgt Ion: 97 Resp: 158160

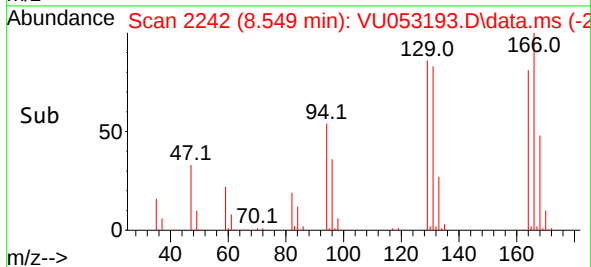
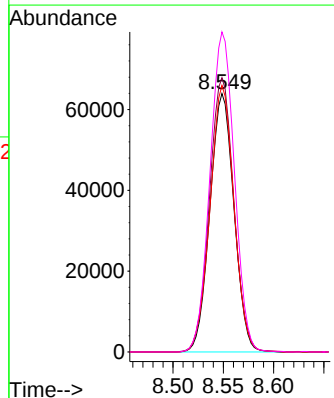
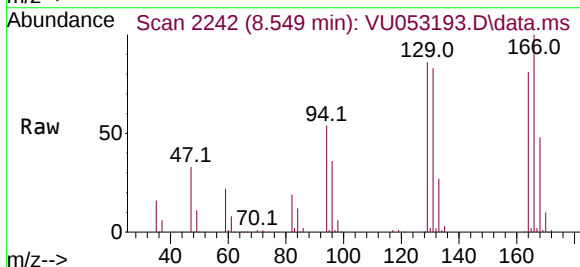
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.4	82.4
83	89.5	63.8	118.6
85	58.8	41.6	77.2

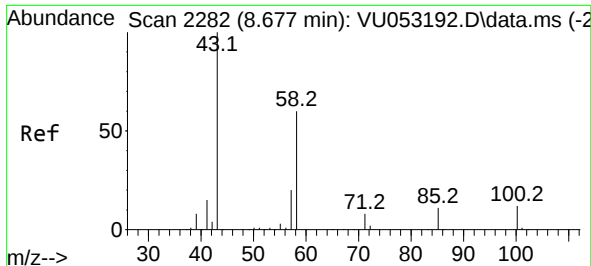


#46
Tetrachloroethene
Concen: 102.515 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 164 Resp: 106336

Ion	Ratio	Lower	Upper
164	100		
129	106.1	73.6	136.8
131	103.2	70.3	130.7
166	123.9	88.9	165.1

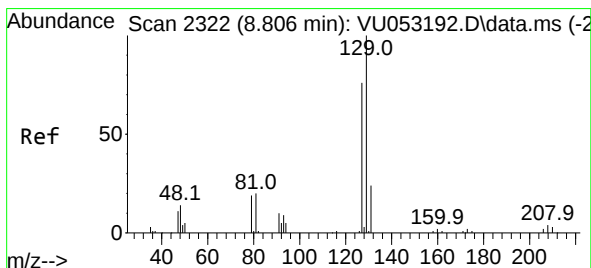
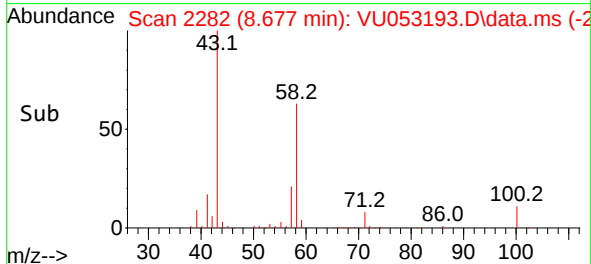
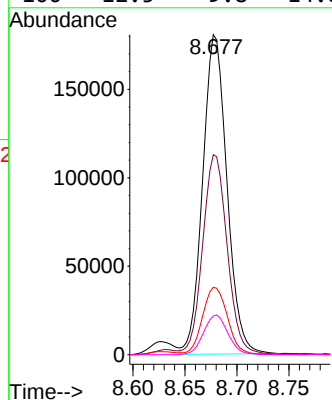
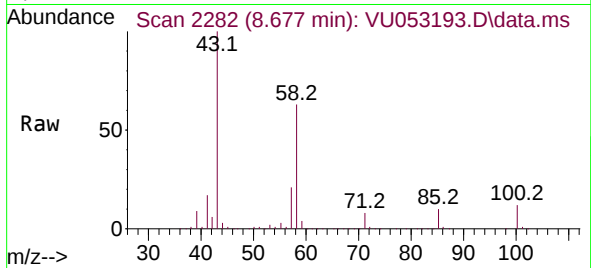




#48
2-Hexanone
Concen: 204.649 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

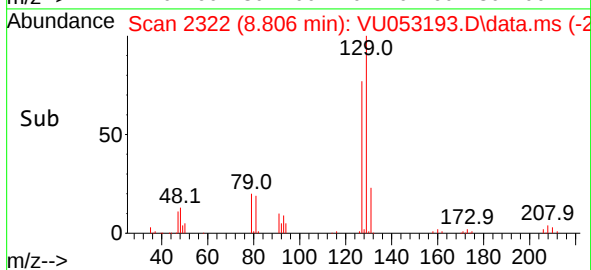
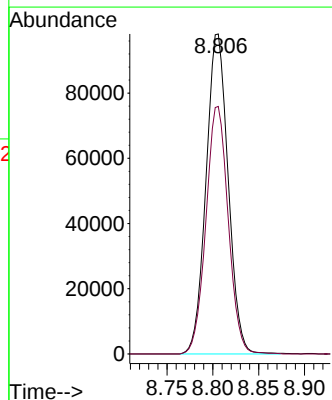
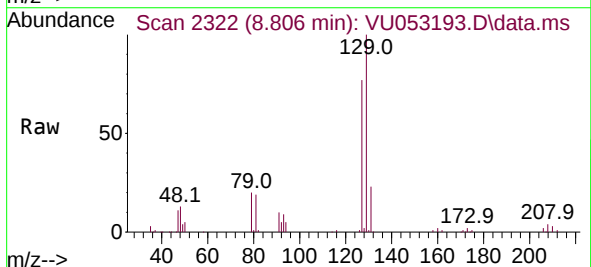
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

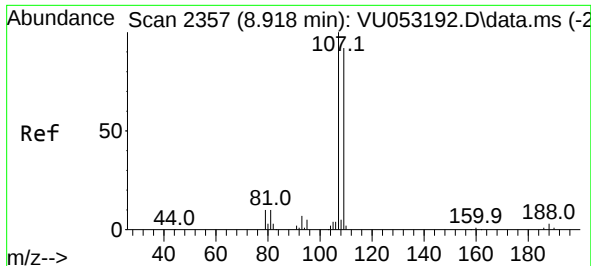
Tgt Ion:	43	Resp:	292804
Ion	Ratio	Lower	Upper
43	100		
58	63.6	49.4	74.0
57	21.9	16.9	25.3
100	12.5	9.8	14.8



#49
Dibromochloromethane
Concen: 104.950 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion:	129	Resp:	164584
Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.1	98.5

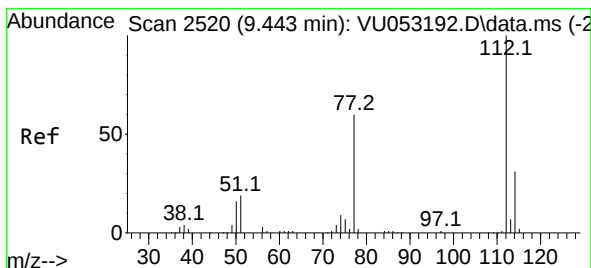
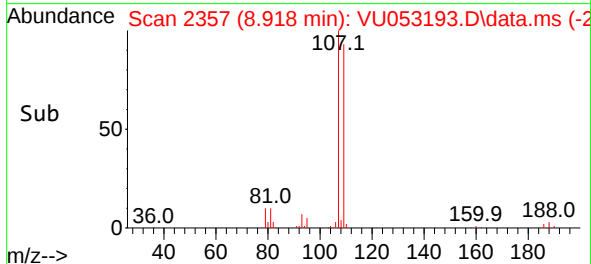
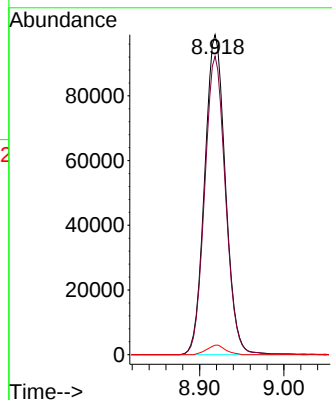
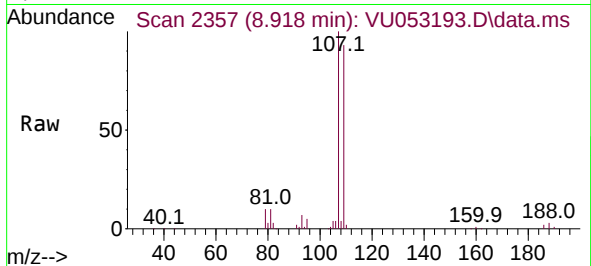




#50
1,2-Dibromoethane
Concen: 104.887 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

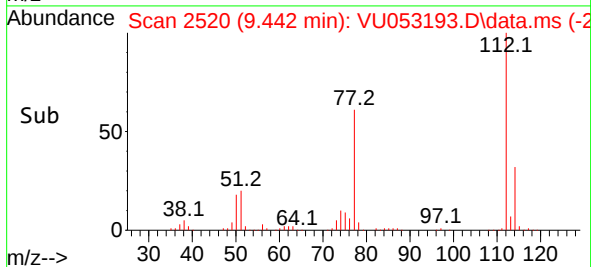
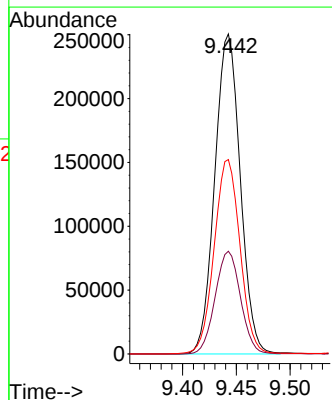
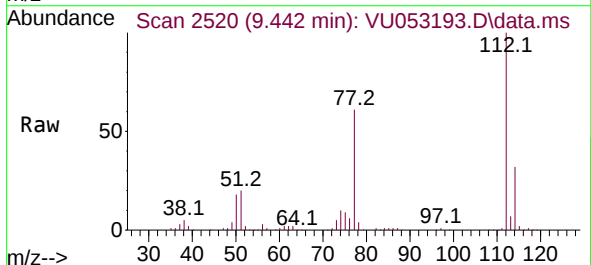
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

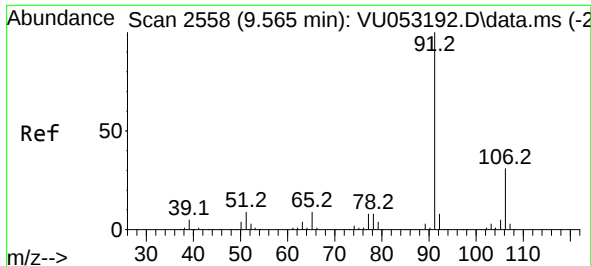
Tgt Ion:107 Resp: 169549
Ion Ratio Lower Upper
107 100
109 93.3 64.6 120.0
188 2.9 2.2 3.4



#51
Chlorobenzene
Concen: 103.274 ug/L
RT: 9.442 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion:112 Resp: 413510
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.6
77 60.8 48.8 73.2

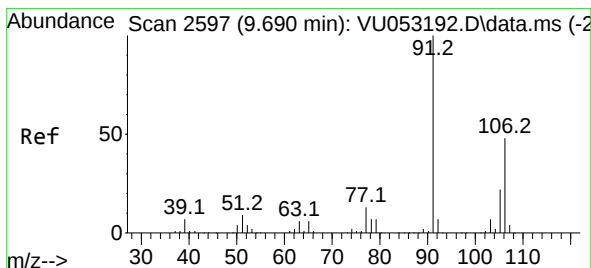
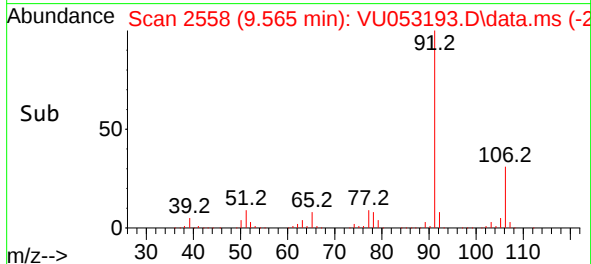
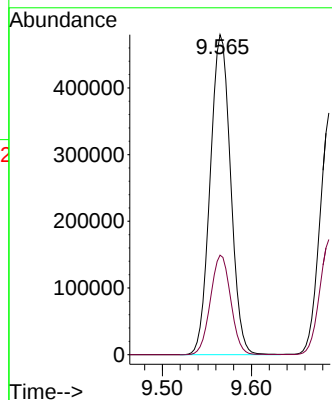
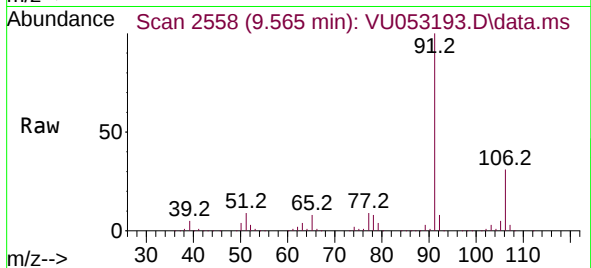




#52
Ethylbenzene
Concen: 105.726 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

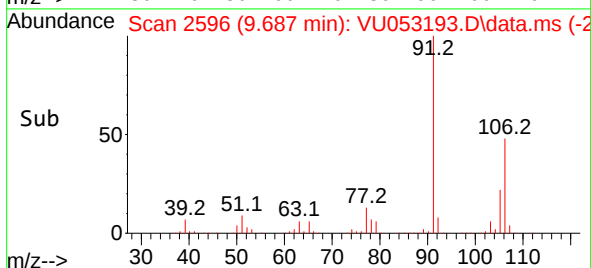
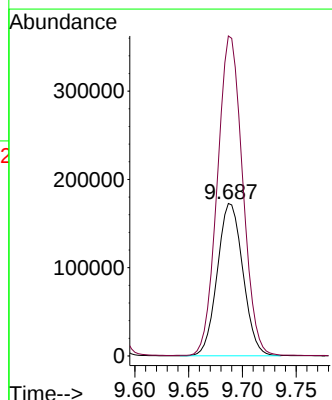
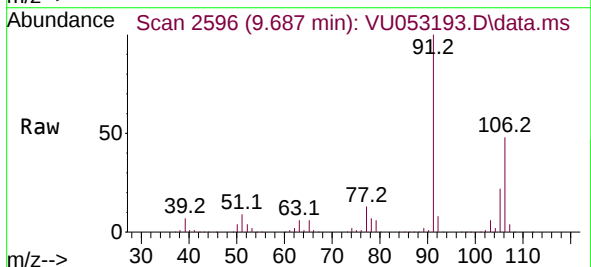
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

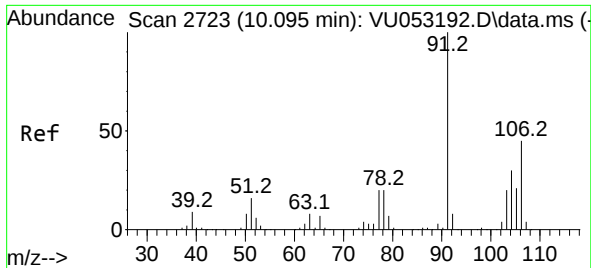
Tgt Ion: 91 Resp: 762459
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 105.552 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 106 Resp: 285488
Ion Ratio Lower Upper
106 100
91 209.8 145.3 269.8

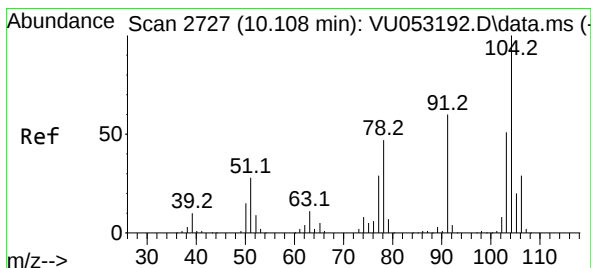
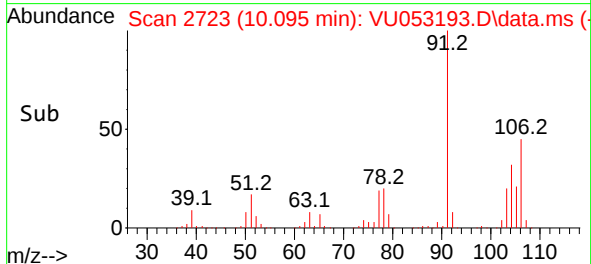
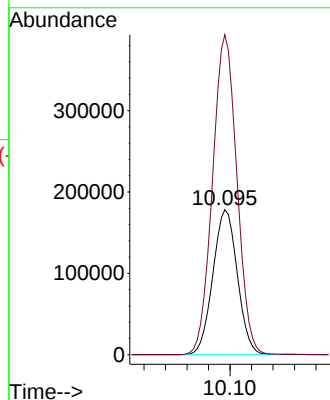
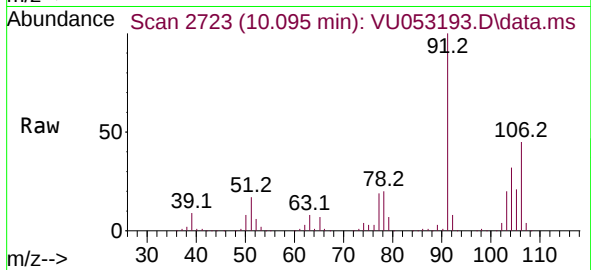




#54
o-Xylene
Concen: 104.714 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

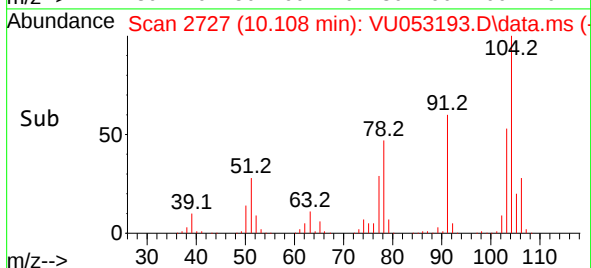
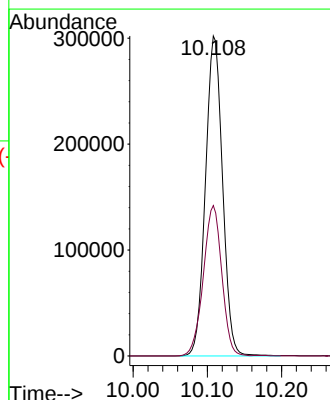
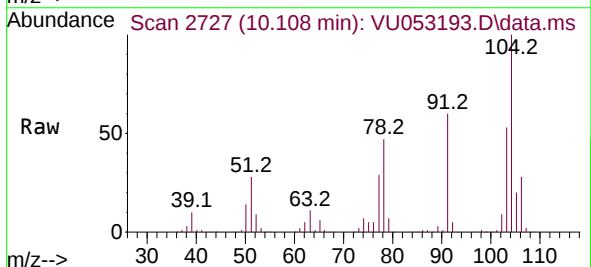
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

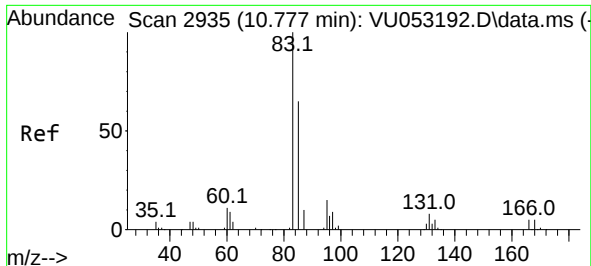
Tgt Ion:106 Resp: 281449
Ion Ratio Lower Upper
106 100
91 220.7 154.9 287.7



#55
Styrene
Concen: 107.971 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion:104 Resp: 482308
Ion Ratio Lower Upper
104 100
78 47.0 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 104.049 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD100008

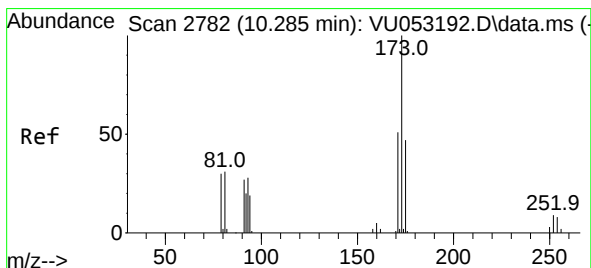
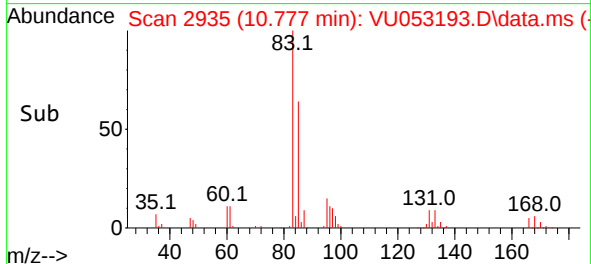
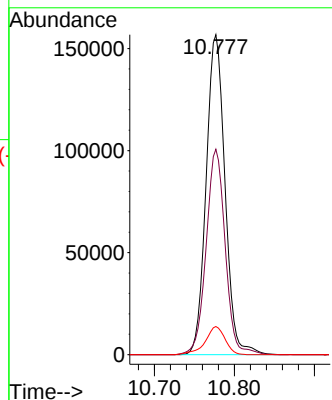
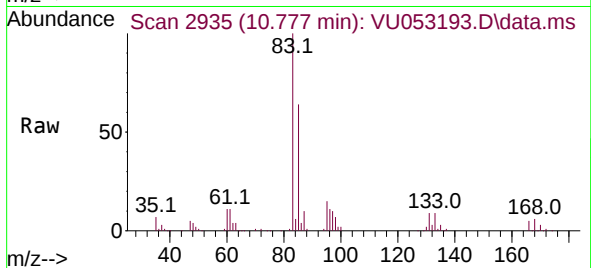
Tgt Ion: 83 Resp: 257510

Ion Ratio Lower Upper

83 100

85 64.2 46.0 85.4

131 8.8 6.6 10.0



#59

Bromoform

Concen: 100.301 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

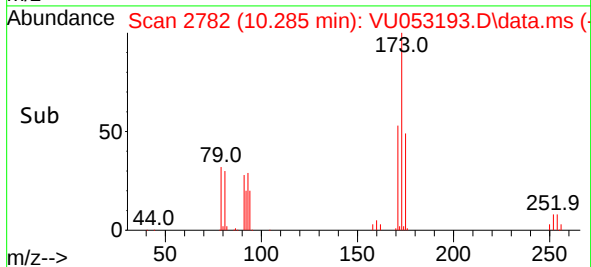
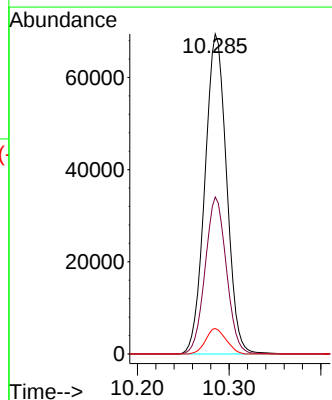
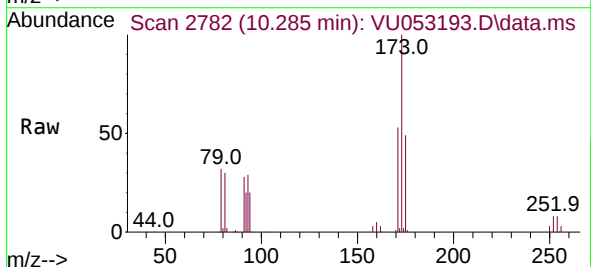
Tgt Ion:173 Resp: 114123

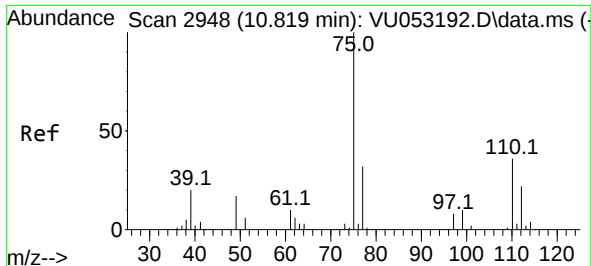
Ion Ratio Lower Upper

173 100

175 48.1 38.5 57.7

254 7.5 6.5 9.7

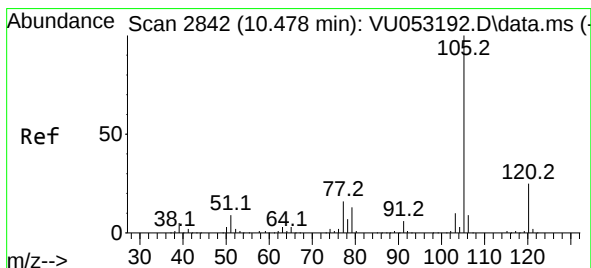
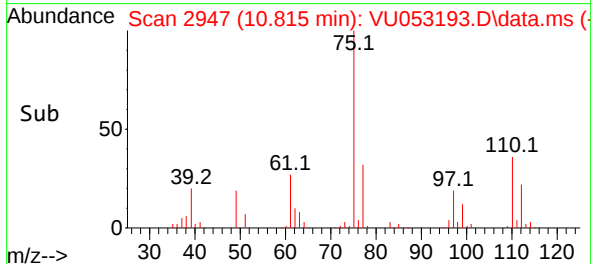
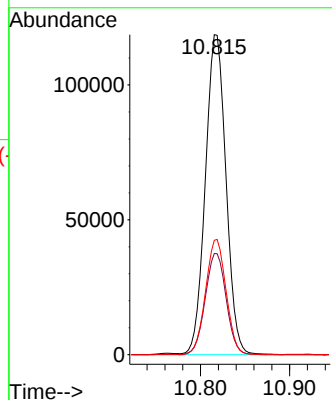
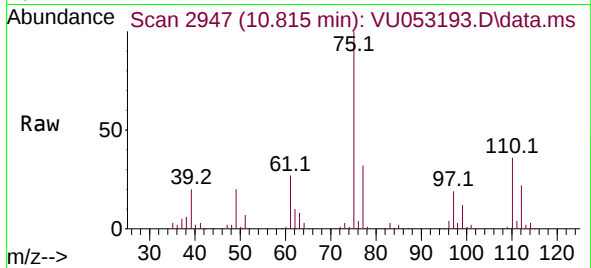




#60
1,2,3-Trichloropropane
Concen: 98.186 ug/L
RT: 10.815 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

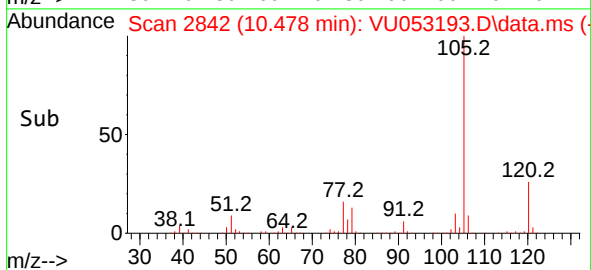
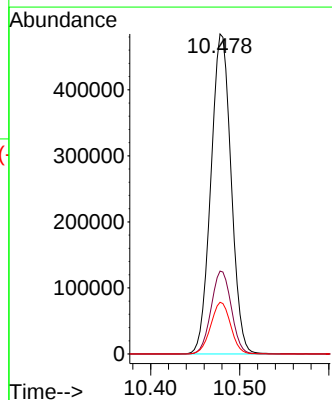
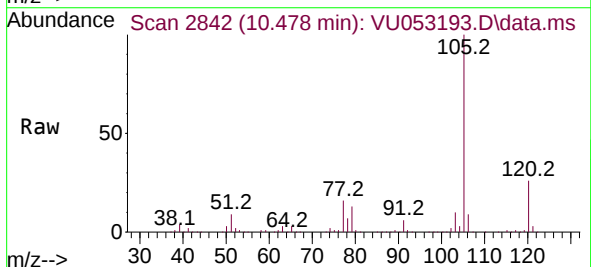
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

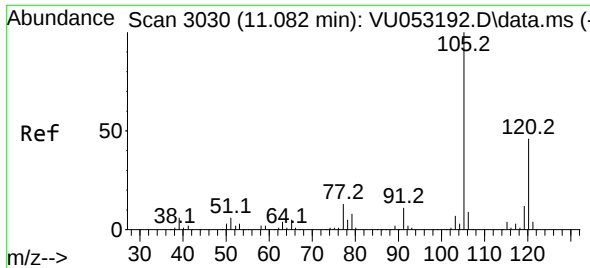
Tgt Ion: 75 Resp: 190811
Ion Ratio Lower Upper
75 100
77 32.2 26.6 40.0
110 35.8 28.6 42.8



#61
Isopropylbenzene
Concen: 102.339 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 105 Resp: 762166
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6
77 15.9 13.0 19.4

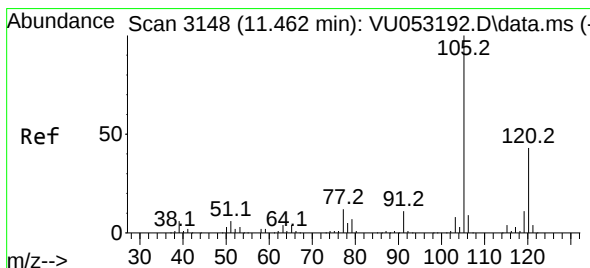
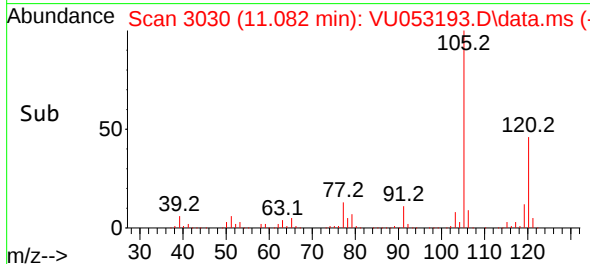
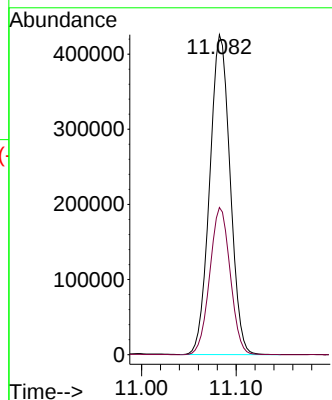
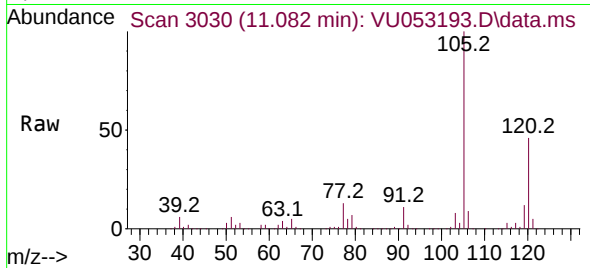




#62
 1,3,5-Trimethylbenzene
 Concen: 101.499 ug/L
 RT: 11.082 min Scan# 3030
 Delta R.T. -0.000 min
 Lab File: VU053193.D
 Acq: 15 Mar 2023 10:59

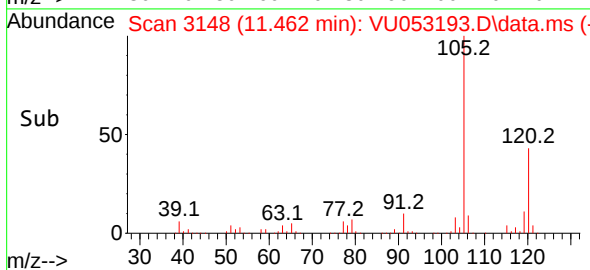
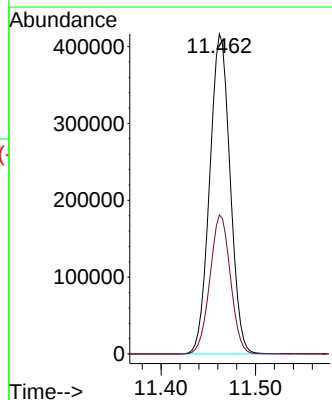
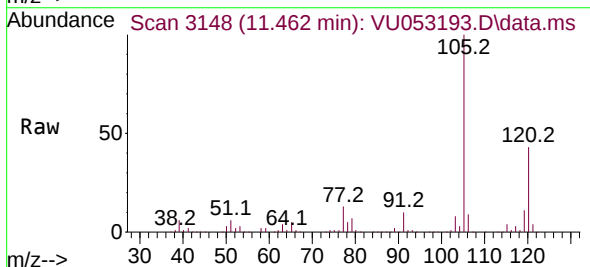
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100008

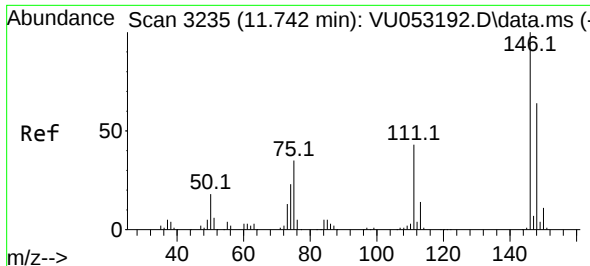
Tgt Ion:105 Resp: 638689
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.0 55.4



#63
 1,2,4-Trimethylbenzene
 Concen: 102.348 ug/L
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU053193.D
 Acq: 15 Mar 2023 10:59

Tgt Ion:105 Resp: 625563
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.6 52.0

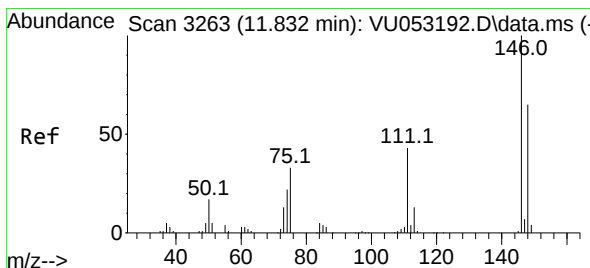
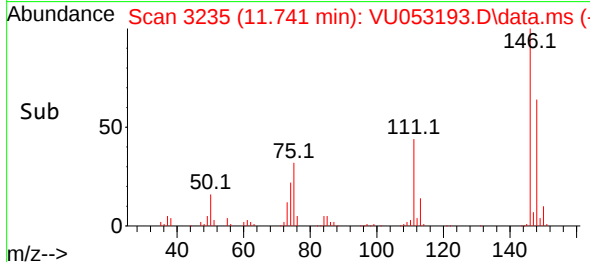
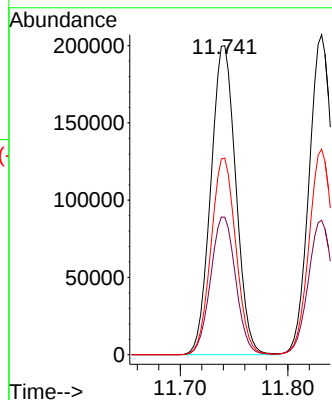
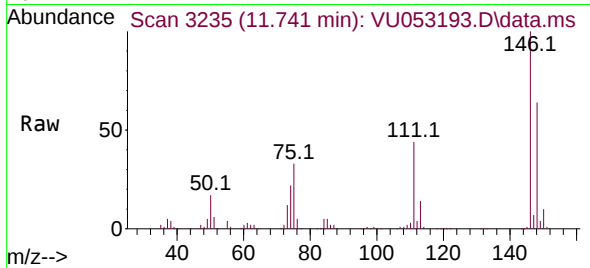




#64
1,3-Dichlorobenzene
Concen: 105.295 ug/L
RT: 11.741 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

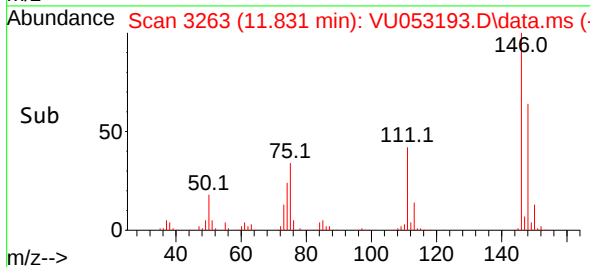
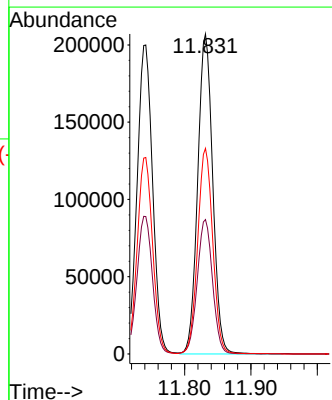
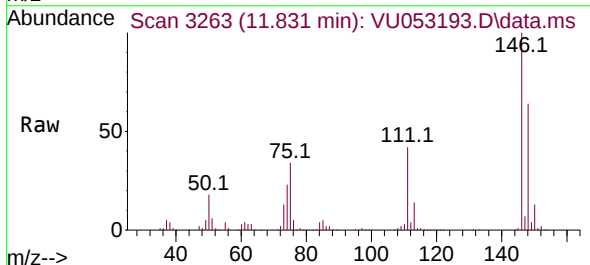
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

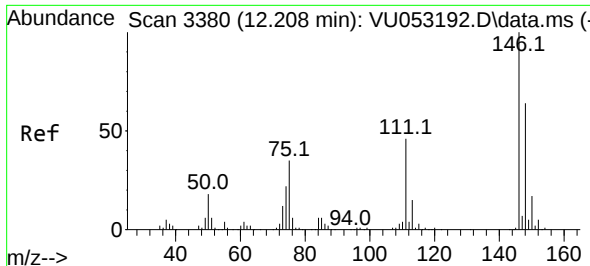
Tgt Ion:146 Resp: 323837
Ion Ratio Lower Upper
146 100
111 44.5 30.2 56.0
148 63.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 104.841 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion:146 Resp: 326664
Ion Ratio Lower Upper
146 100
111 42.0 30.7 57.1
148 64.2 45.6 84.8

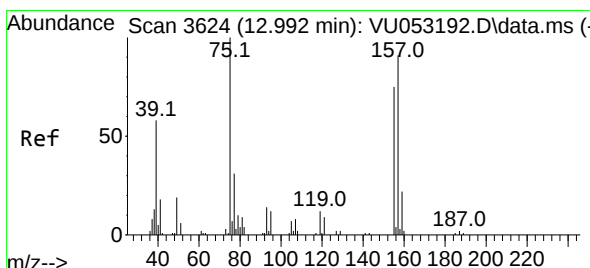
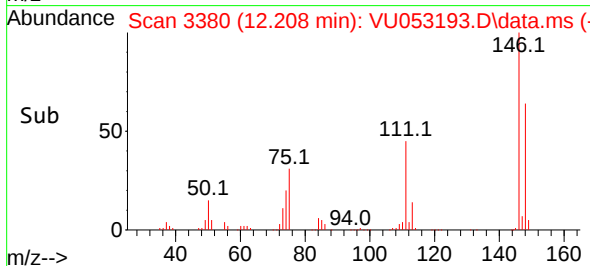
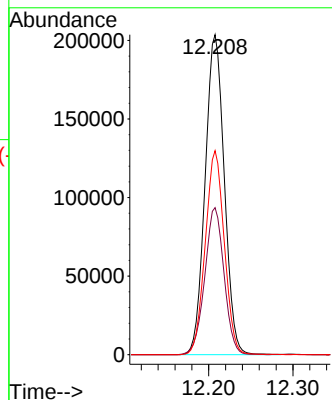
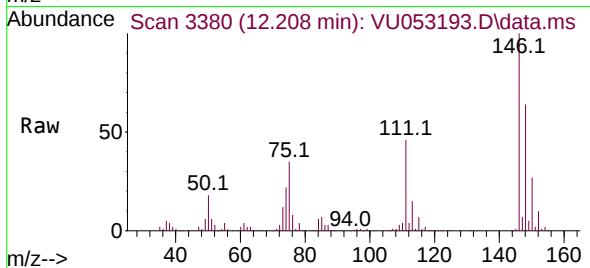




#67
1,2-Dichlorobenzene
Concen: 104.356 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

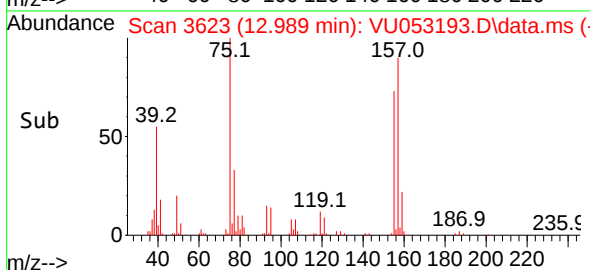
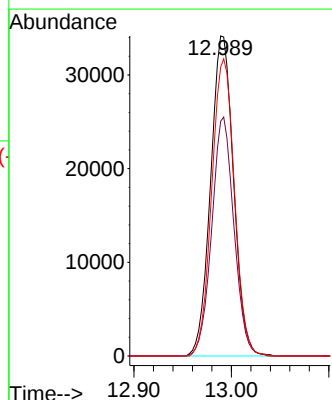
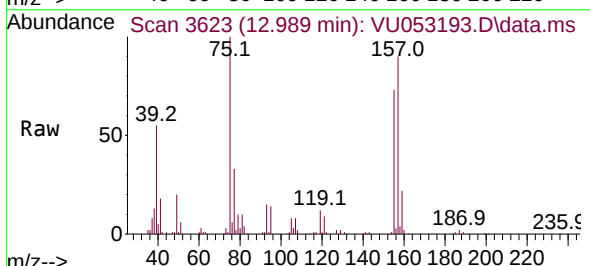
Instrument :
MSVOA_U
ClientSampleId :
VSTD100008

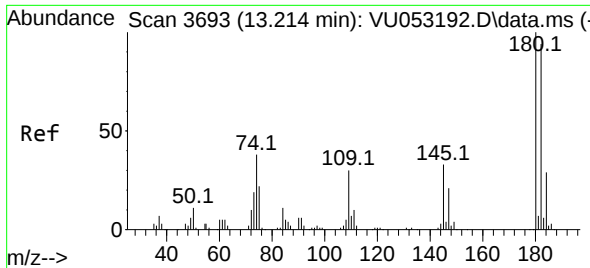
Tgt Ion:146 Resp: 322668
Ion Ratio Lower Upper
146 100
111 46.0 37.0 55.4
148 63.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 98.366 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU053193.D
Acq: 15 Mar 2023 10:59

Tgt Ion: 75 Resp: 55754
Ion Ratio Lower Upper
75 100
155 73.3 60.2 90.4
157 90.2 73.0 109.4

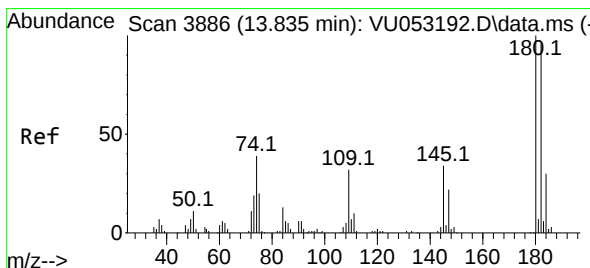
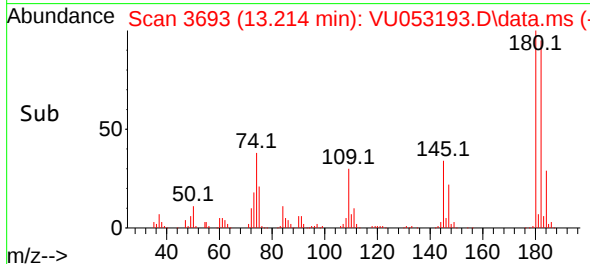
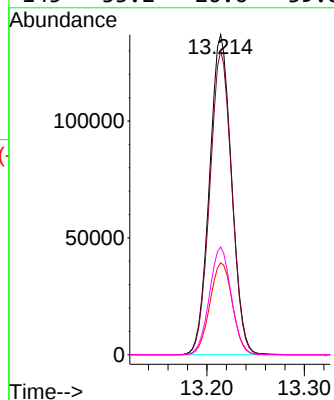
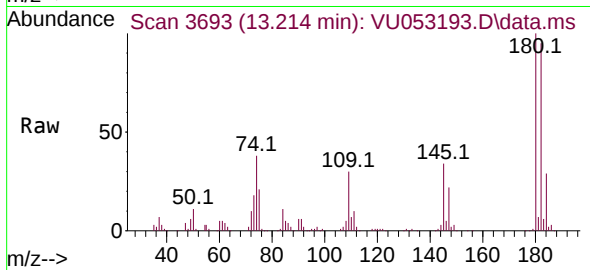




#69
 1,3,5-Trichlorobenzene
 Concen: 103.633 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.000 min
 Lab File: VU053193.D
 Acq: 15 Mar 2023 10:59

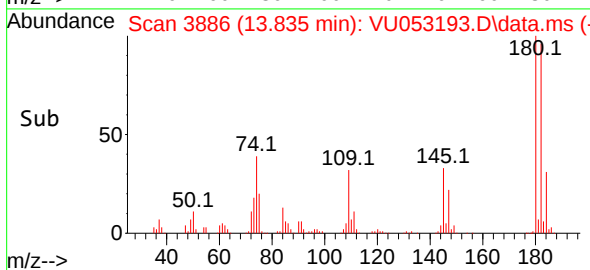
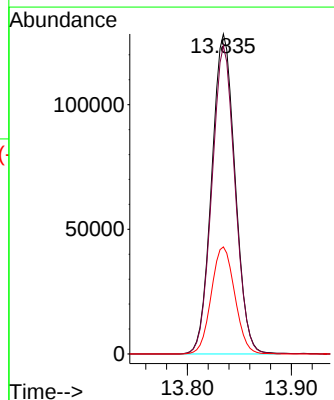
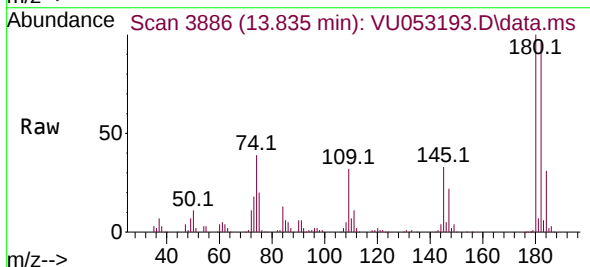
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100008

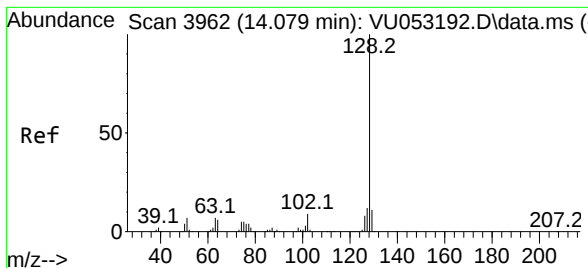
Tgt Ion:180	Resp:	215429
Ion Ratio	Lower	Upper
180	100	
182	94.4	74.5 111.7
184	29.3	23.2 34.8
145	33.2	26.6 39.8



#70
 1,2,4-trichlorobenzene
 Concen: 102.515 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU053193.D
 Acq: 15 Mar 2023 10:59

Tgt Ion:180	Resp:	201002
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.8 113.8
145	33.6	27.2 40.8





#71

Naphthalene

Concen: 92.664 ug/L

RT: 14.082 min Scan# 3962

Delta R.T. 0.003 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD100008

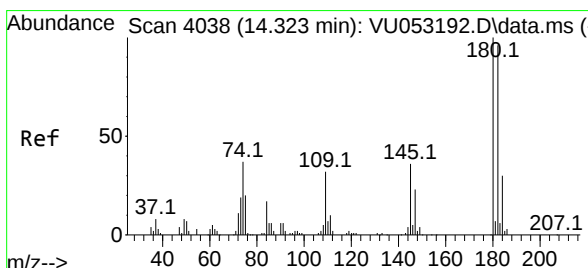
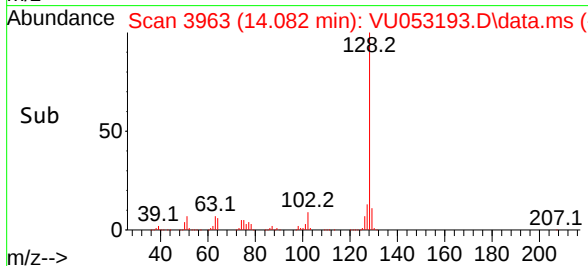
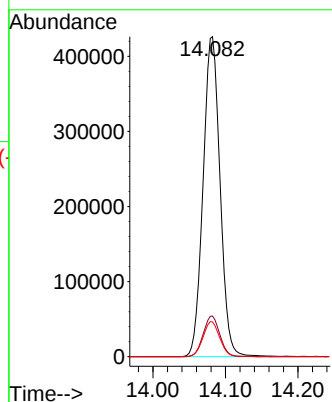
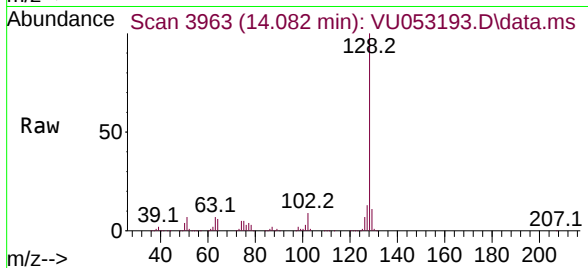
Tgt Ion:128 Resp: 692862

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 98.633 ug/L

RT: 14.323 min Scan# 4038

Delta R.T. -0.000 min

Lab File: VU053193.D

Acq: 15 Mar 2023 10:59

Tgt Ion:180 Resp: 192575

Ion Ratio Lower Upper

180 100

182 95.8 76.7 115.1

145 36.1 28.6 42.8

