

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052600.D
 Acq On : 28 Dec 2022 20:13
 Operator : JC/MD
 Sample : N6216-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA1MSD

Quant Time: Dec 29 00:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	169808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	163351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46787	2.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.915	69	50971	3.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.568	65	23097	3.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.642	46	332122	62.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.520%
24) Chloroform-d	5.060	84	128813	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	77379	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.726	84	232628	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.687	67	87092	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.893	98	197397	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.176	79	31129	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.632	63	243510	67.422	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.840%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87686	5.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	78071	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	69223	4.581	ug/L	100
3) Chloromethane	1.523	50	109780	5.034	ug/L	99
5) Vinyl chloride	1.604	62	93963	4.753	ug/L	95
6) Bromomethane	1.861	94	40300	3.576	ug/L	98
8) Chloroethane	1.935	64	61136	4.515	ug/L	99
9) Trichlorofluoromethane	2.141	101	109853	4.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	64515	4.855	ug/L	99
12) 1,1-Dichloroethene	2.581	96	60557	4.762	ug/L	87
13) Acetone	2.665	43	191164	48.608	ug/L	99
14) Carbon disulfide	2.793	76	188869	4.609	ug/L	98
15) Methyl Acetate	2.960	43	47408	5.472	ug/L	99
16) Methylene chloride	3.044	84	77737	4.327	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	176780	5.207	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	64355	4.910	ug/L	98
19) 1,1-Dichloroethane	3.867	63	141916	4.979	ug/L	98
21) 2-Butanone	4.722	43	323418	55.838	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	73616	5.118	ug/L	99
23) Bromochloromethane	4.973	128	34244	5.137	ug/L	99
25) Chloroform	5.083	83	140066	5.072	ug/L	97

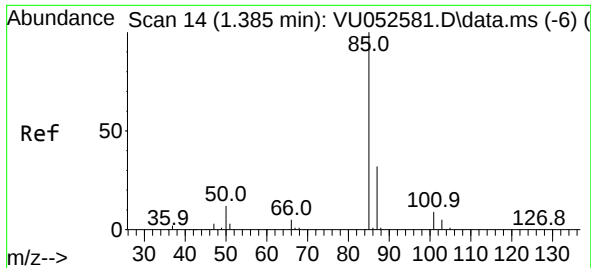
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	99943	5.238	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	106528	5.181	ug/L	98
30) Cyclohexane	5.388	56	112397	5.059	ug/L	100
31) Carbon tetrachloride	5.523	117	88913	4.921	ug/L	100
33) Benzene	5.771	78	300016	5.099	ug/L	100
34) Trichloroethene	6.539	95	67604	4.915	ug/L	99
35) Methylcyclohexane	6.761	83	102306	4.932	ug/L	98
37) 1,2-Dichloropropane	6.787	63	86131	5.246	ug/L	100
38) Bromodichloromethane	7.102	83	99860	4.997	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	107485	5.169	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	736414	61.379	ug/L	99
42) Toluene	7.963	91	299069	5.301	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	99828	5.448	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	61115	5.256	ug/L	98
47) Tetrachloroethene	8.549	164	48590	5.061	ug/L	96
48) 2-Hexanone	8.680	43	550942	60.920	ug/L	99
49) Dibromochloromethane	8.806	129	66496	5.400	ug/L	99
50) 1,2-Dibromoethane	8.918	107	57235	5.415	ug/L	99
51) Chlorobenzene	9.443	112	180384	5.007	ug/L	99
52) Ethylbenzene	9.565	91	298702	5.116	ug/L	100
53) m,p-Xylene	9.690	106	114577	5.322	ug/L	97
54) o-Xylene	10.095	106	111173	5.387	ug/L	96
55) Styrene	10.108	104	194064	5.405	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	87580	5.448	ug/L #	99
59) Bromoform	10.285	173	39924	5.255	ug/L	97
60) Isopropylbenzene	10.481	105	288361	5.145	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	64715	5.218	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	227162	4.915	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	233891	5.026	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	136423	4.906	ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	139001	4.834	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	134194	4.884	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	14700	5.236	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	96159	4.696	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	80405	4.667	ug/L	99
71) Naphthalene	14.082	128	178141	5.110	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	83416	4.830	ug/L	98

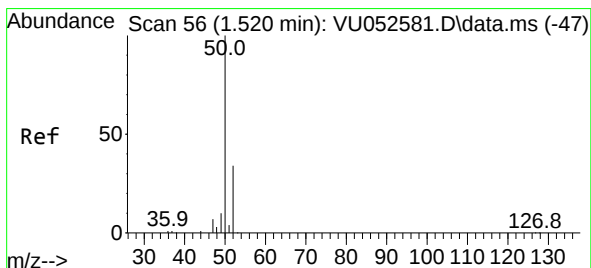
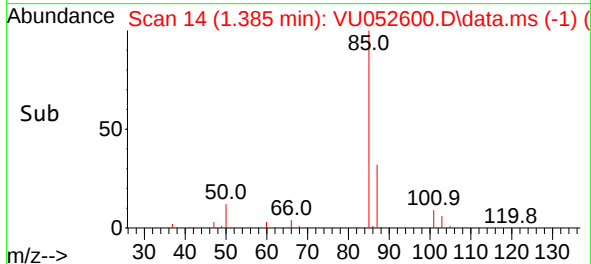
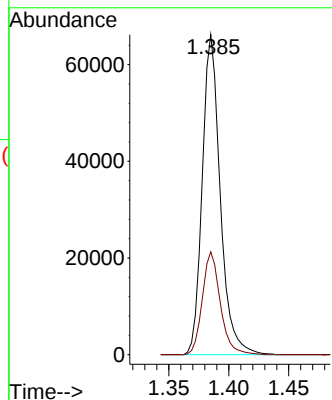
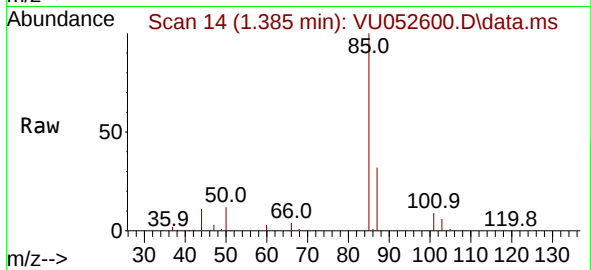
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#2
Dichlorodifluoromethane
Concen: 4.581 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

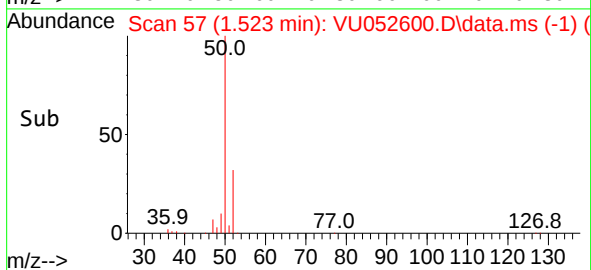
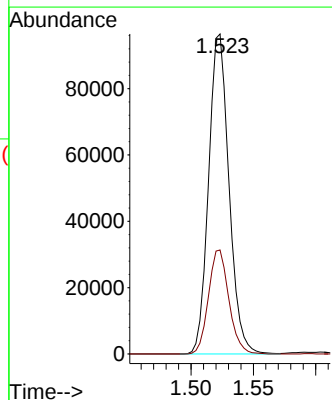
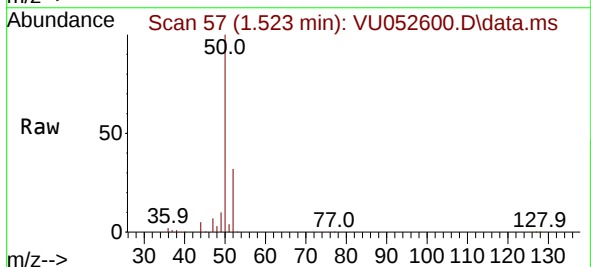
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MSVOA_U
ClientSampleId :
H0AA1MSD

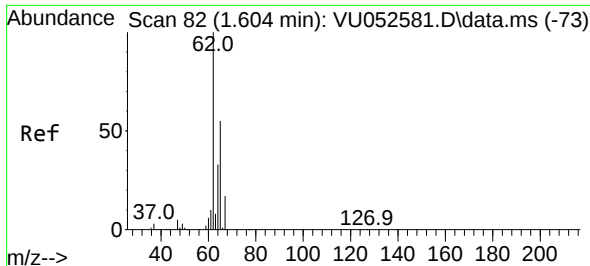
Tgt Ion: 85 Resp: 69223
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 5.034 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 50 Resp: 109780
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6

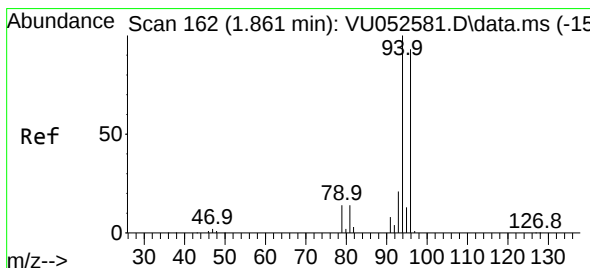
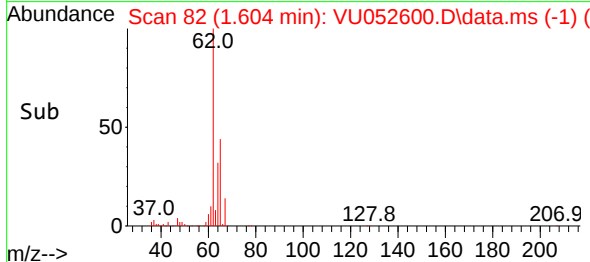
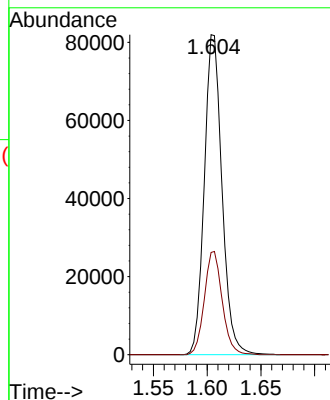
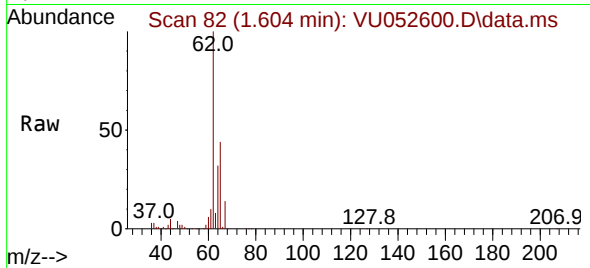




#5
 Vinyl chloride
 Concen: 4.753 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052600.D
 Acq: 28 Dec 2022 20:13

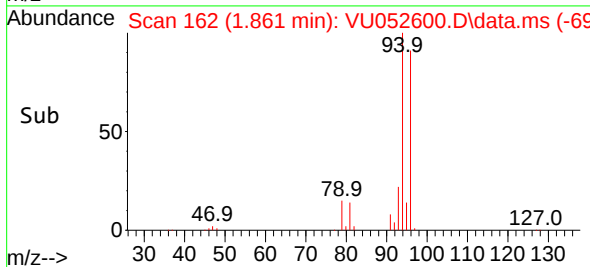
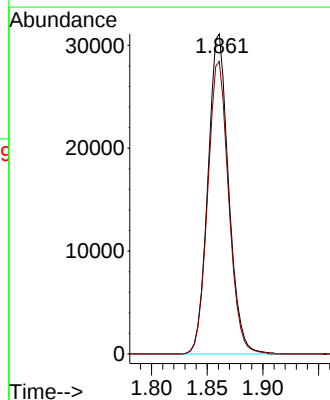
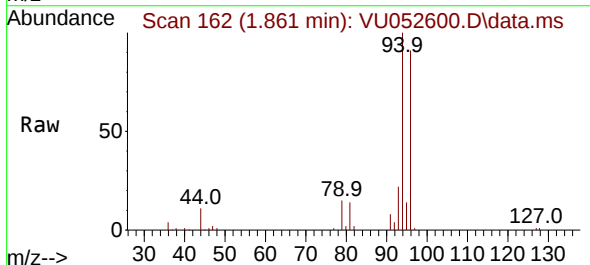
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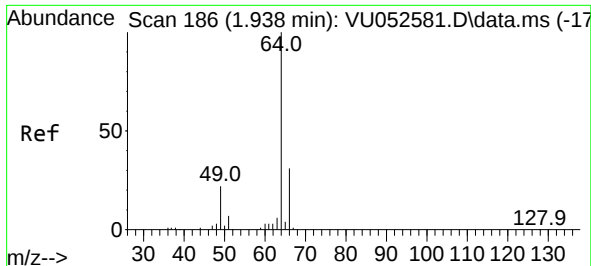
Tgt Ion: 62 Resp: 93963
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.4 45.4



#6
 Bromomethane
 Concen: 3.576 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU052600.D
 Acq: 28 Dec 2022 20:13

Tgt Ion: 94 Resp: 40300
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.0 120.8

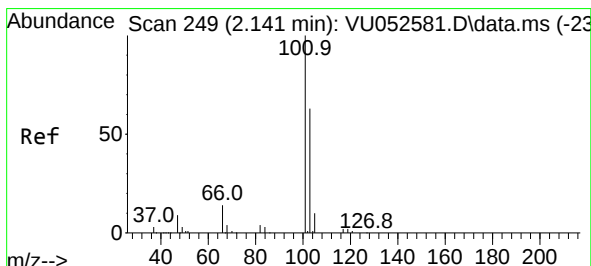
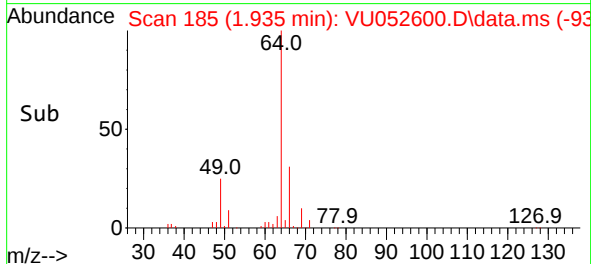
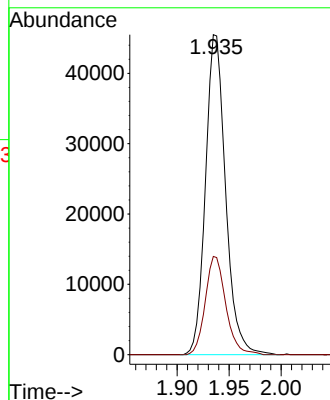
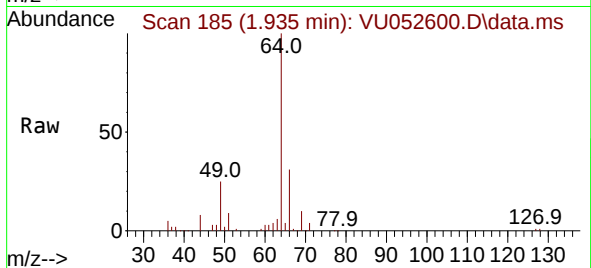




#8
Chloroethane
Concen: 4.515 ug/L
RT: 1.935 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

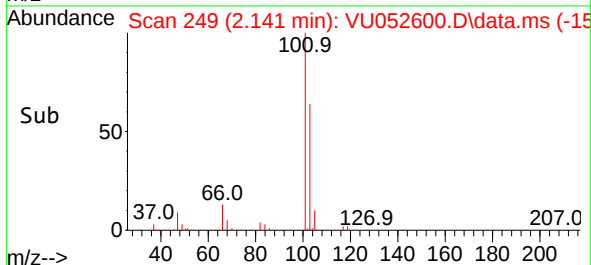
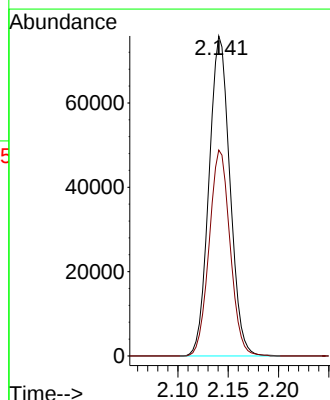
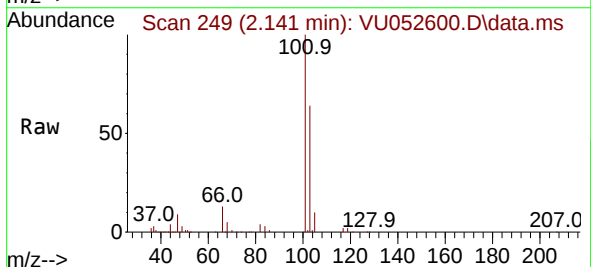
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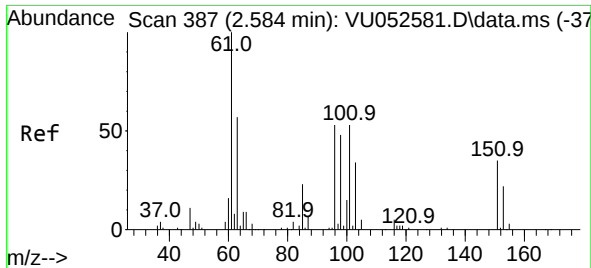
Tgt Ion: 64 Resp: 61136
Ion Ratio Lower Upper
64 100
66 30.7 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.914 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:101 Resp: 109853
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

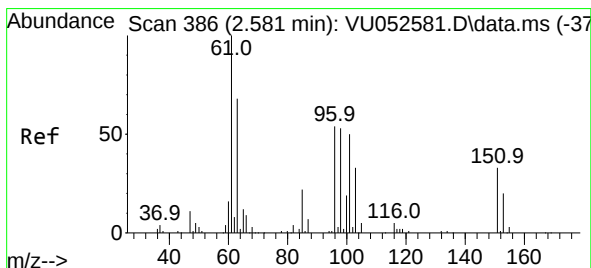
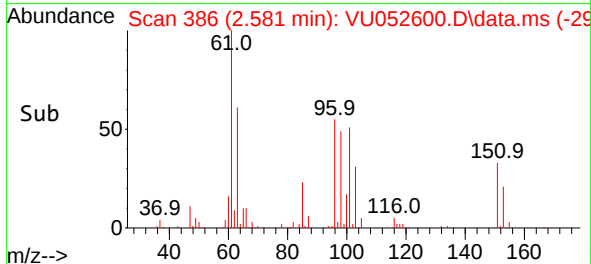
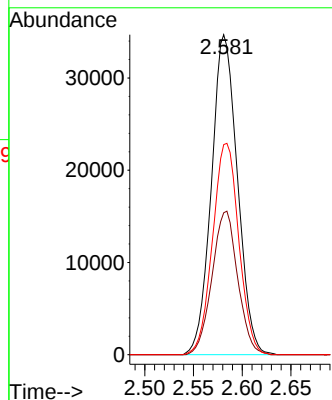
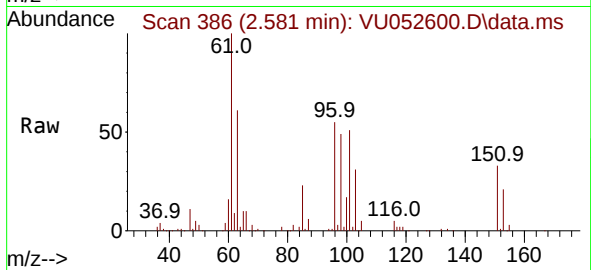




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.855 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU052600.D
 Acq: 28 Dec 2022 20:13

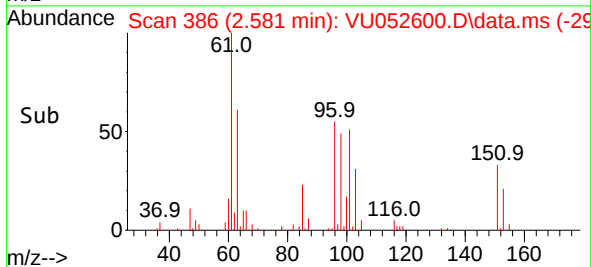
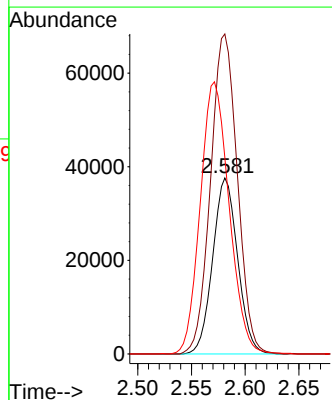
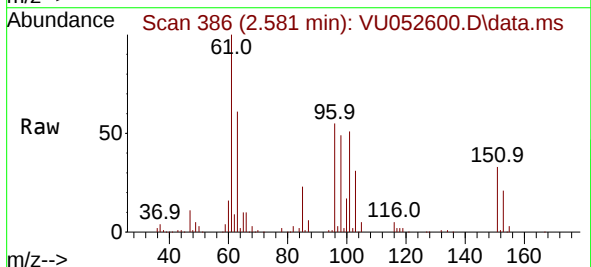
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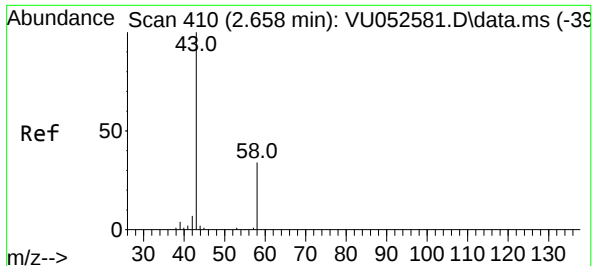
Tgt Ion: 101 Resp: 64515
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.6
 151 66.4 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 4.762 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052600.D
 Acq: 28 Dec 2022 20:13

Tgt Ion: 96 Resp: 60557
 Ion Ratio Lower Upper
 96 100
 61 181.9 135.4 251.4
 63 111.7 95.4 177.2





#13

Acetone

Concen: 48.608 ug/L

RT: 2.665 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

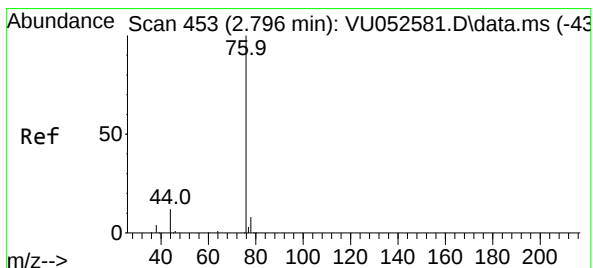
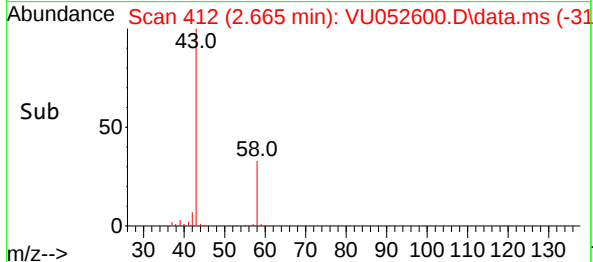
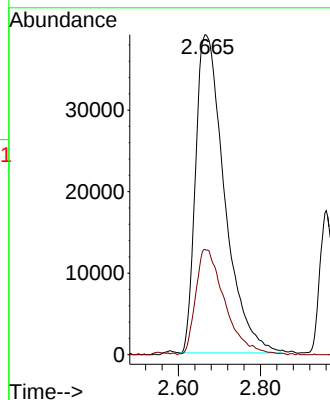
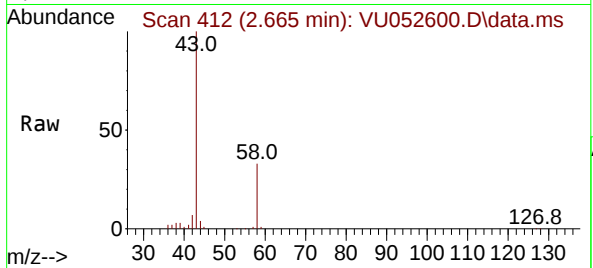
H0AA1MSD

Tgt Ion: 43 Resp: 191164

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.4



#14

Carbon disulfide

Concen: 4.609 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.003 min

Lab File: VU052600.D

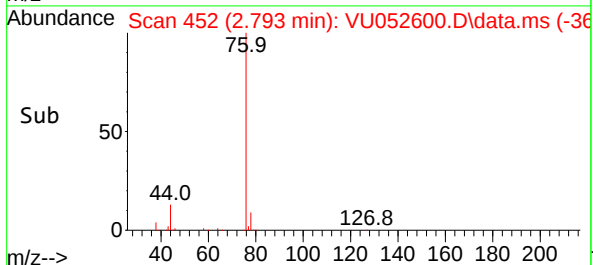
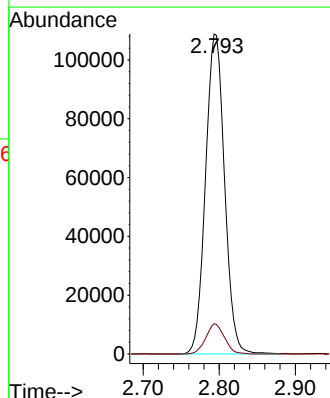
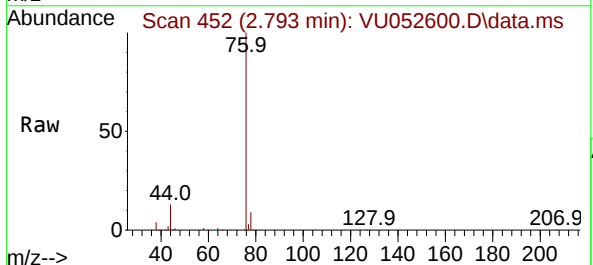
Acq: 28 Dec 2022 20:13

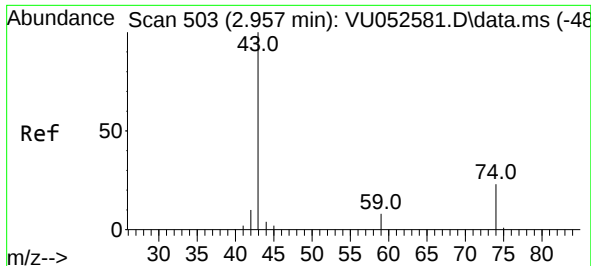
Tgt Ion: 76 Resp: 188869

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

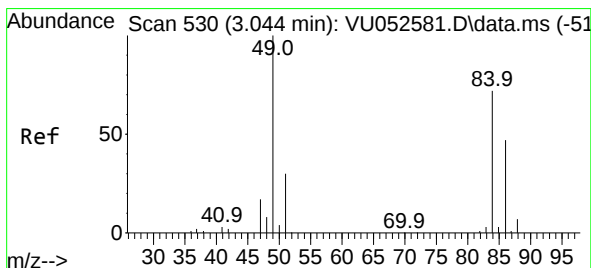
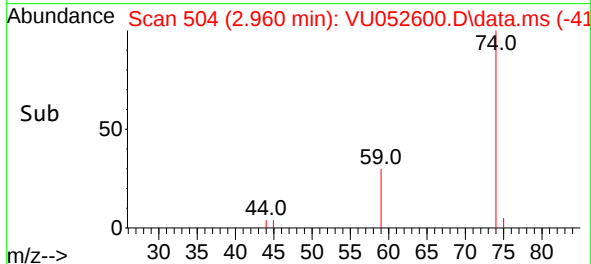
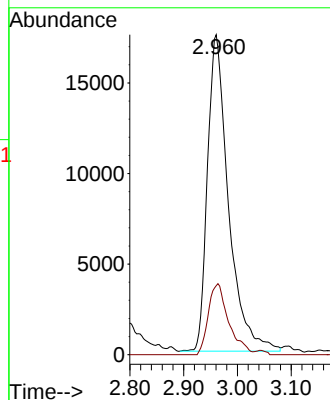
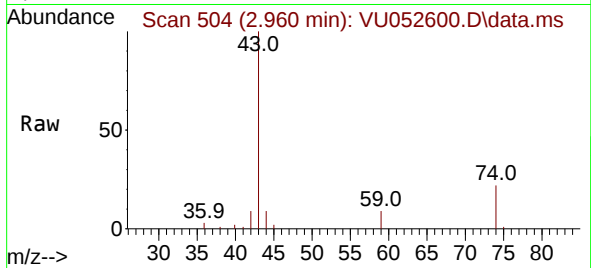




#15
Methyl Acetate
Concen: 5.472 ug/L
RT: 2.960 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

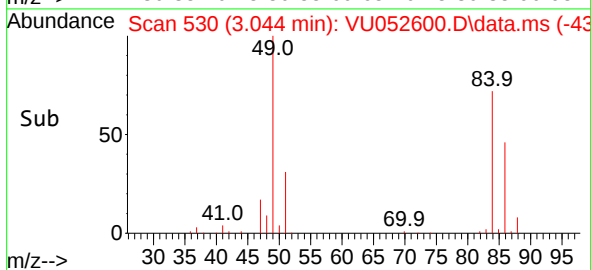
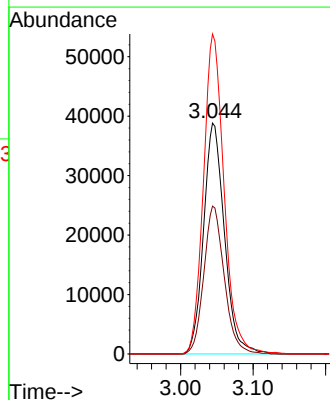
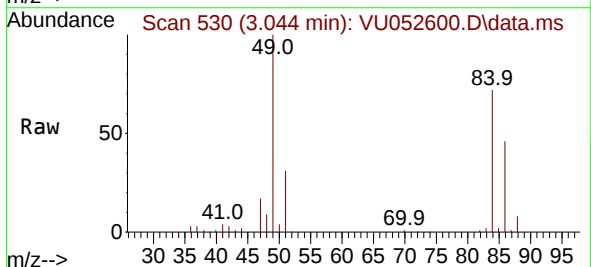
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

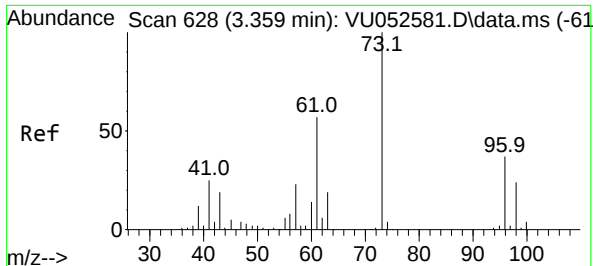
Tgt Ion: 43 Resp: 47408
Ion Ratio Lower Upper
43 100
74 21.6 16.9 25.3



#16
Methylene chloride
Concen: 4.327 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 84 Resp: 77737
Ion Ratio Lower Upper
84 100
86 64.0 44.7 83.1
49 138.6 93.3 173.3

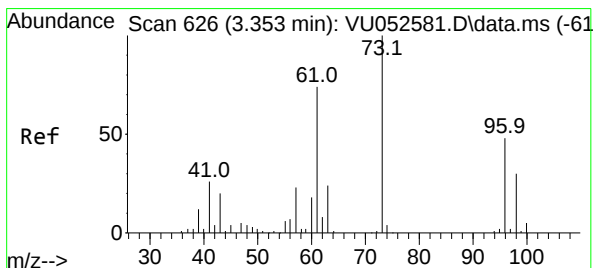
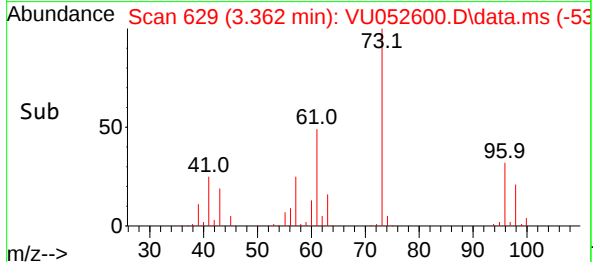
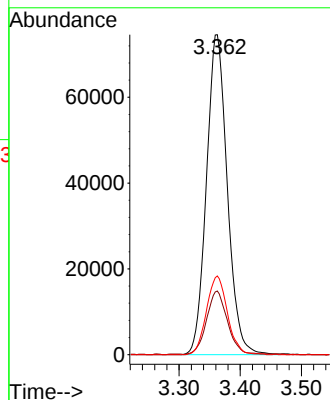
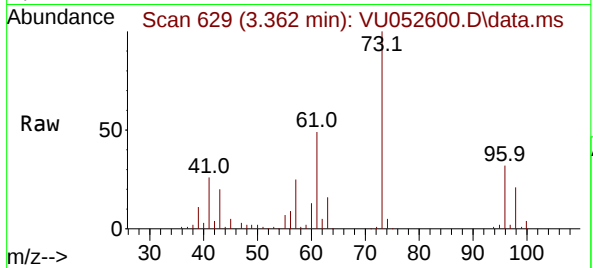




#17
Methyl tert-butyl Ether
Concen: 5.207 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

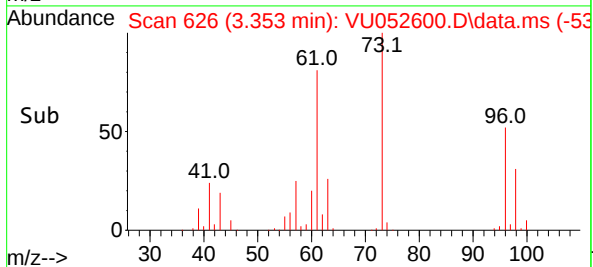
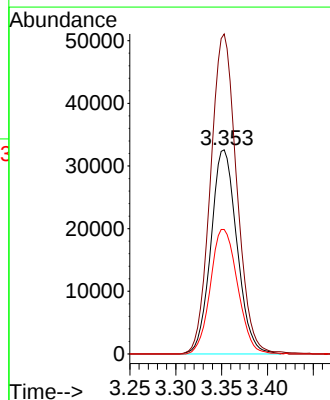
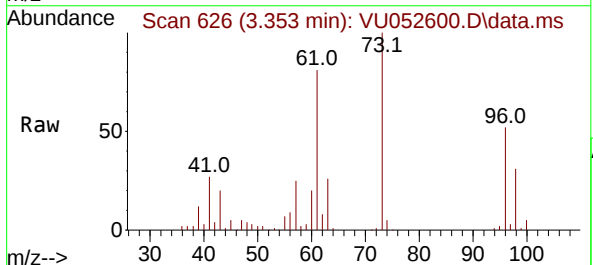
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

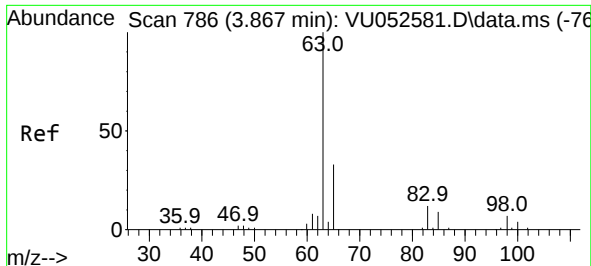
Tgt Ion: 73 Resp: 176780
Ion Ratio Lower Upper
73 100
43 20.1 16.1 24.1
57 24.6 19.2 28.8



#18
trans-1,2-Dichloroethene
Concen: 4.910 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 96 Resp: 64355
Ion Ratio Lower Upper
96 100
61 156.7 108.3 201.1
98 61.0 44.0 81.6

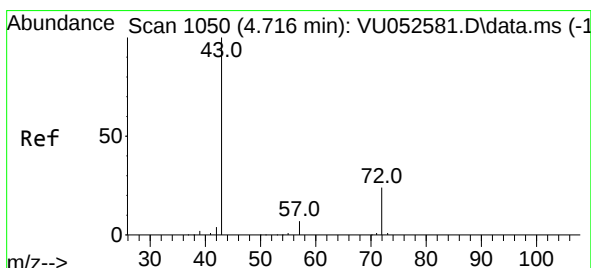
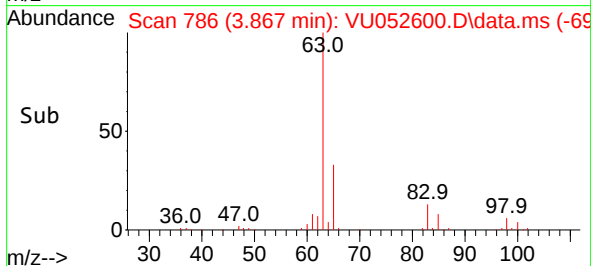
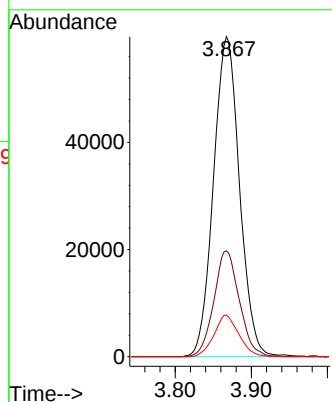
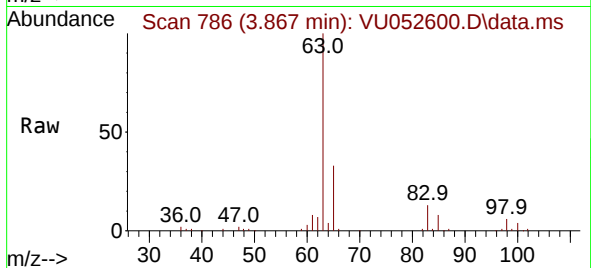




#19
1,1-Dichloroethane
Concen: 4.979 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

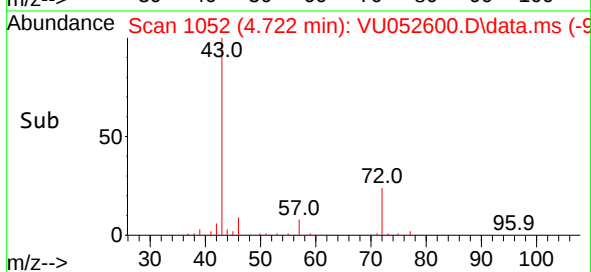
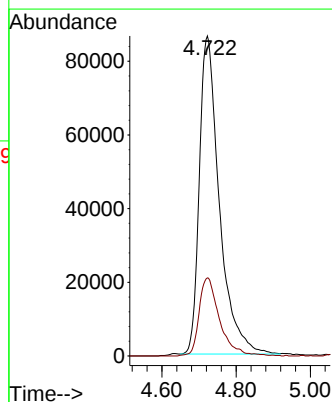
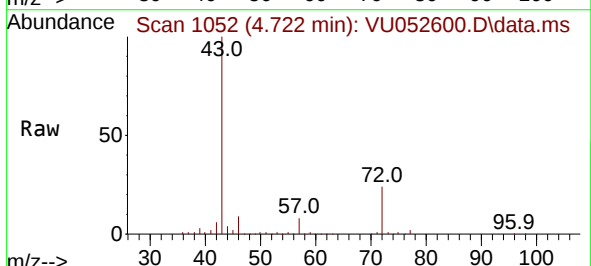
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

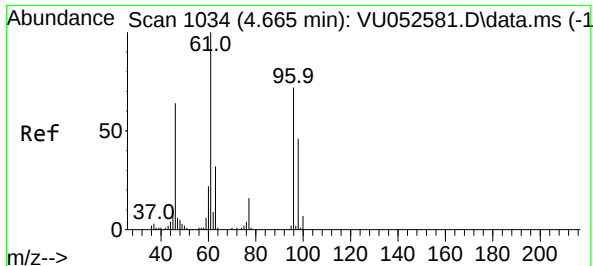
Tgt Ion: 63 Resp: 141916
Ion Ratio Lower Upper
63 100
65 33.1 22.0 40.8
83 13.0 9.0 16.8



#21
2-Butanone
Concen: 55.838 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 43 Resp: 323418
Ion Ratio Lower Upper
43 100
72 24.8 11.6 34.7

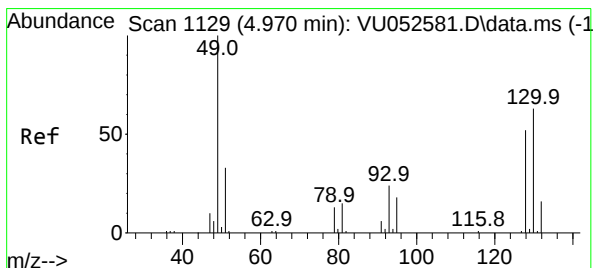
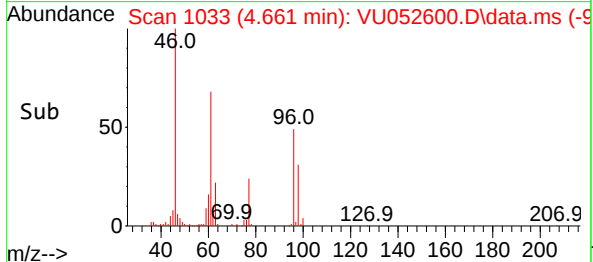
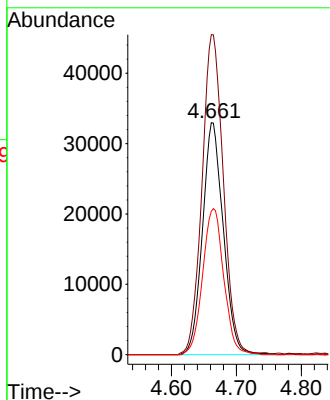
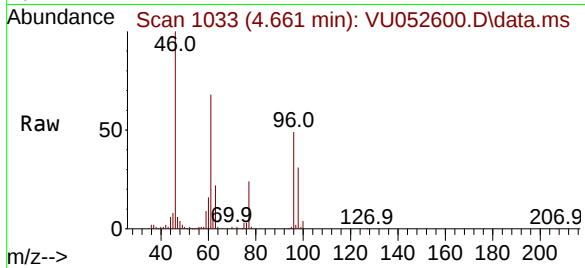




#22
 cis-1,2-Dichloroethene
 Concen: 5.118 ug/L
 RT: 4.661 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU052600.D
 Acq: 28 Dec 2022 20:13

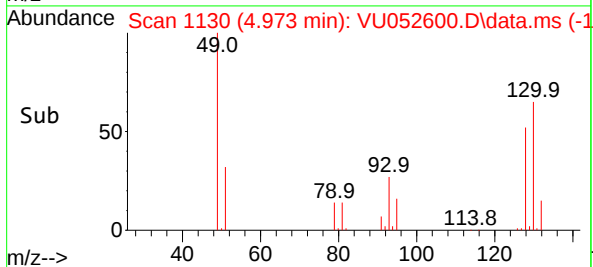
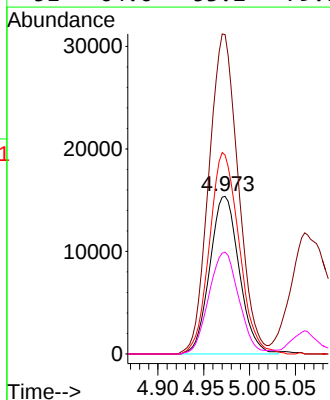
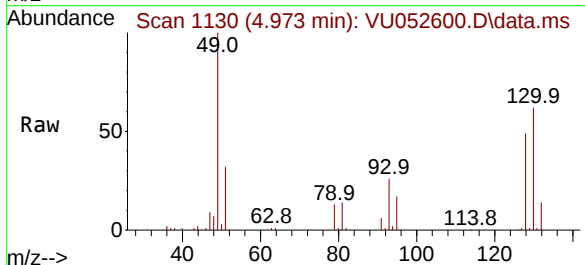
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA1MSD

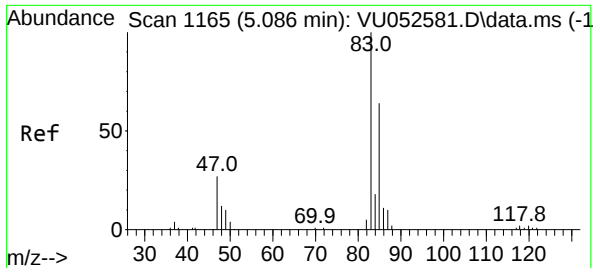
Tgt Ion: 96 Resp: 73616
 Ion Ratio Lower Upper
 96 100
 61 137.9 96.9 180.1
 98 61.8 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.137 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU052600.D
 Acq: 28 Dec 2022 20:13

Tgt Ion: 128 Resp: 34244
 Ion Ratio Lower Upper
 128 100
 49 202.6 143.3 266.1
 130 126.2 88.4 164.2
 51 64.6 53.2 79.8

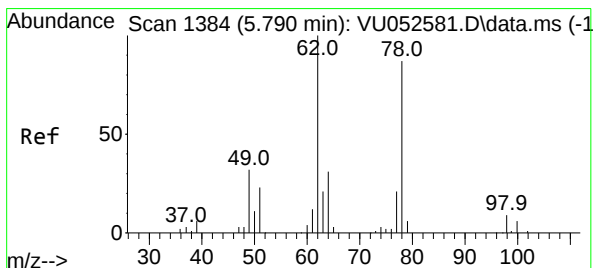
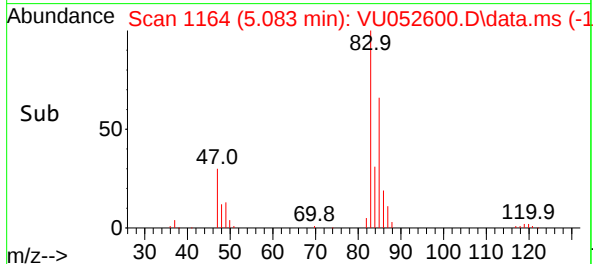
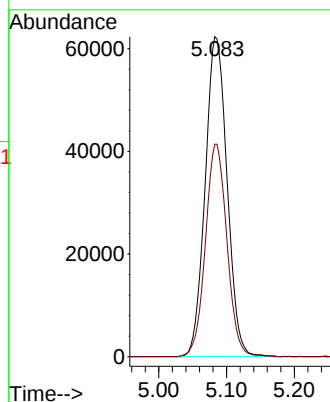
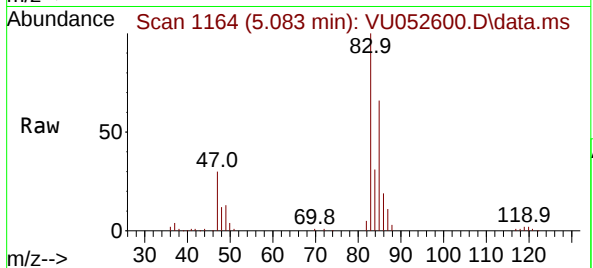




#25
Chloroform
Concen: 5.072 ug/L
RT: 5.083 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

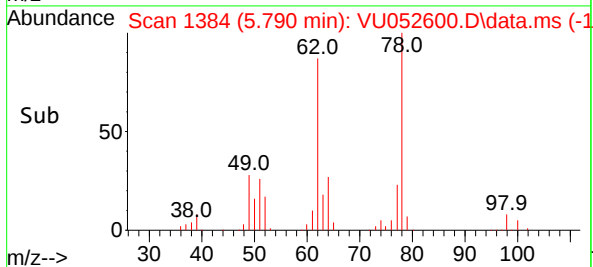
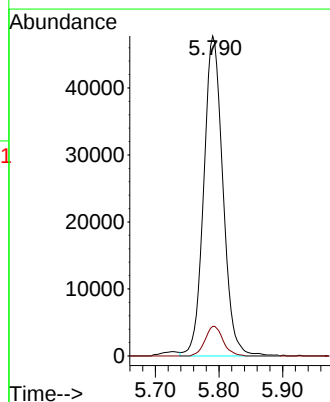
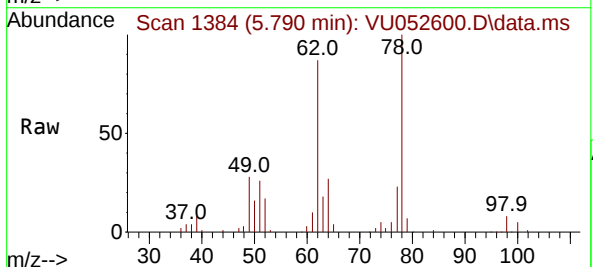
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

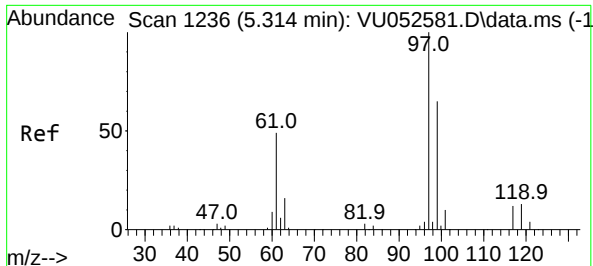
Tgt Ion: 83 Resp: 140066
Ion Ratio Lower Upper
83 100
85 66.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.238 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 62 Resp: 99943
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.181 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

H0AA1MSD

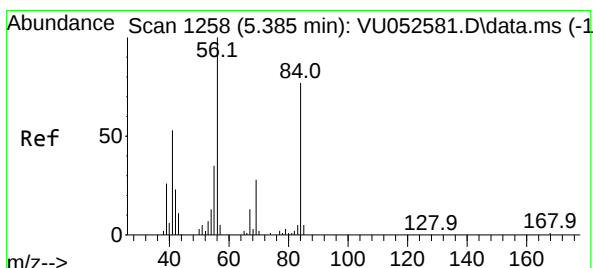
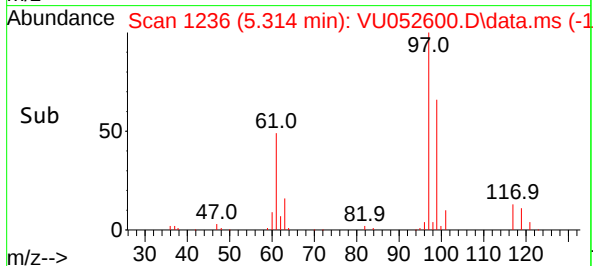
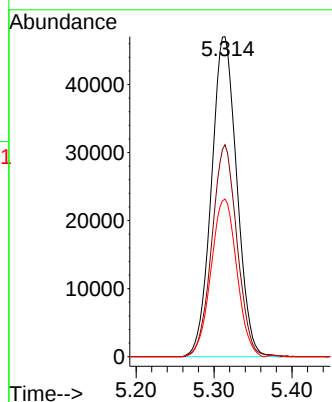
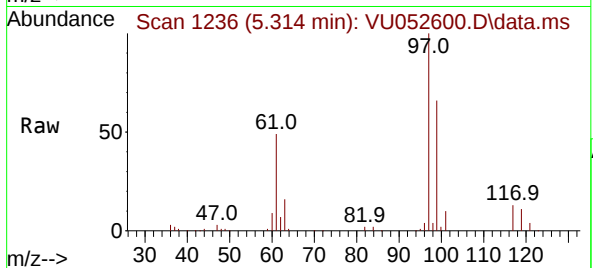
Tgt Ion: 97 Resp: 106528

Ion Ratio Lower Upper

97 100

99 65.6 52.2 78.2

61 50.0 41.6 62.4



#30

Cyclohexane

Concen: 5.059 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

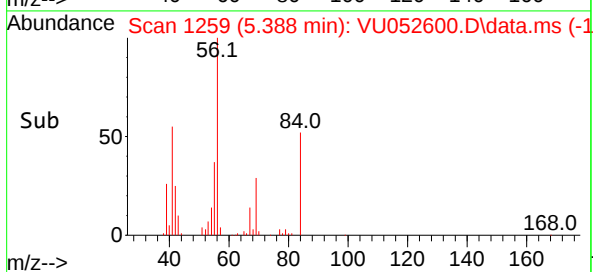
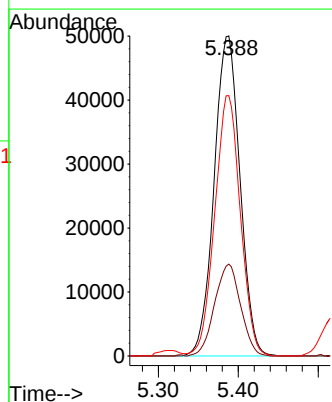
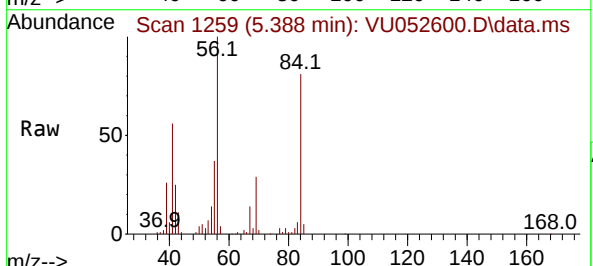
Tgt Ion: 56 Resp: 112397

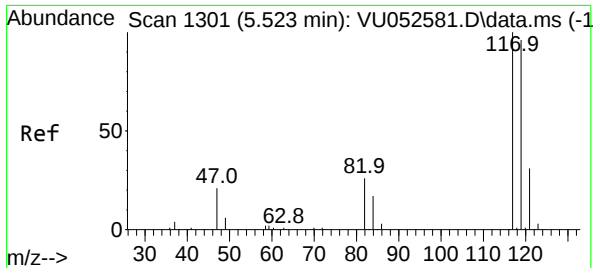
Ion Ratio Lower Upper

56 100

69 28.7 23.0 34.6

84 80.5 64.4 96.6

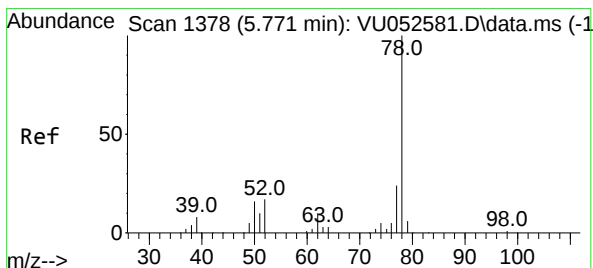
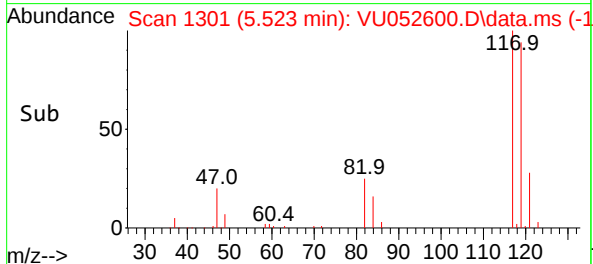
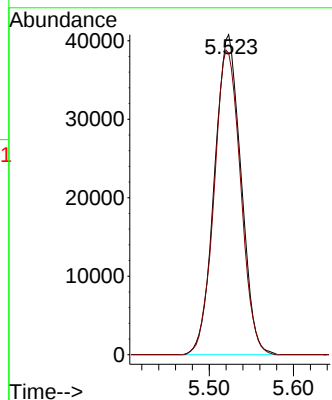
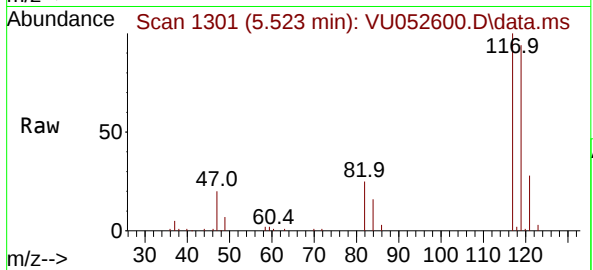




#31
Carbon tetrachloride
Concen: 4.921 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

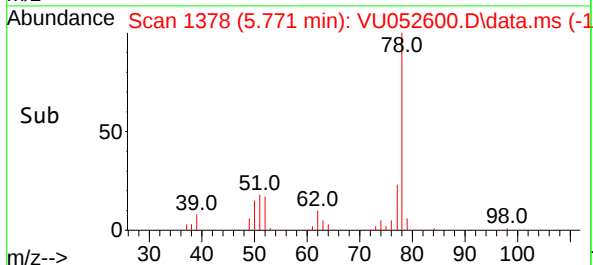
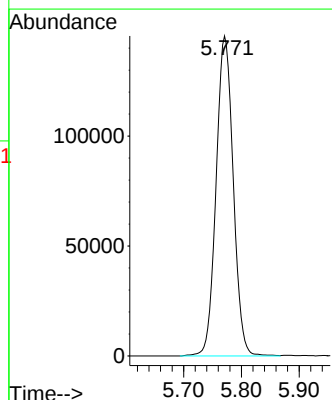
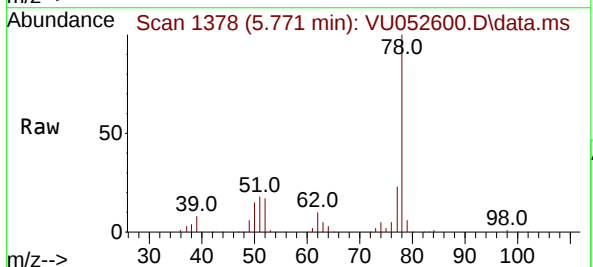
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

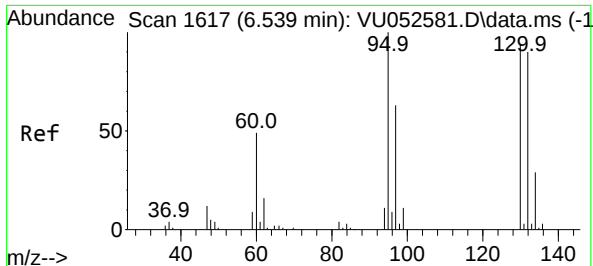
Tgt Ion:117 Resp: 88913
Ion Ratio Lower Upper
117 100
119 95.2 76.3 114.5



#33
Benzene
Concen: 5.099 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 78 Resp: 300016

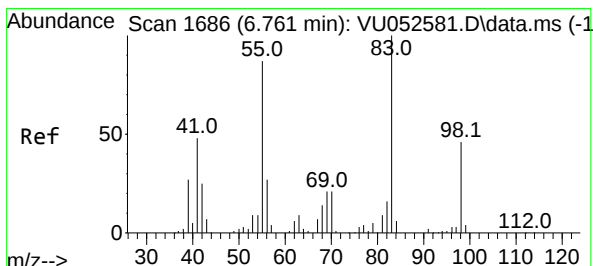
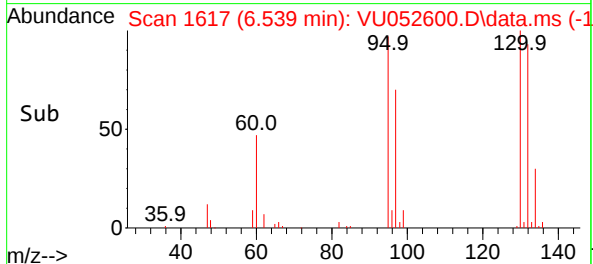
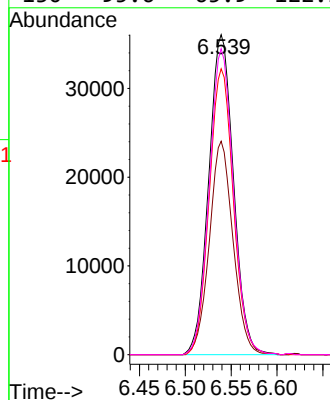
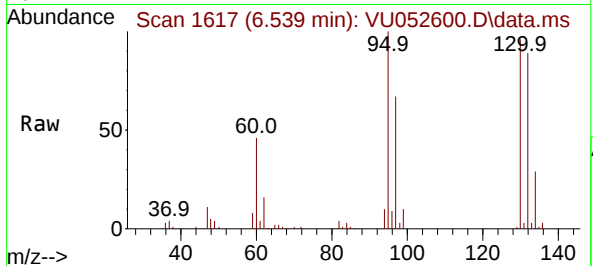




#34
Trichloroethene
Concen: 4.915 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

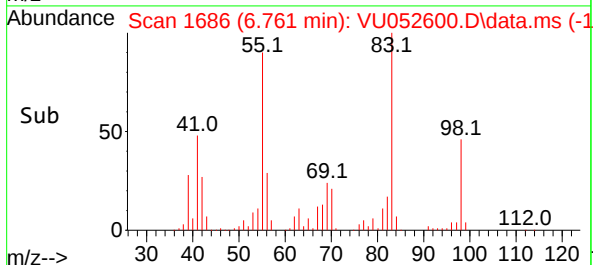
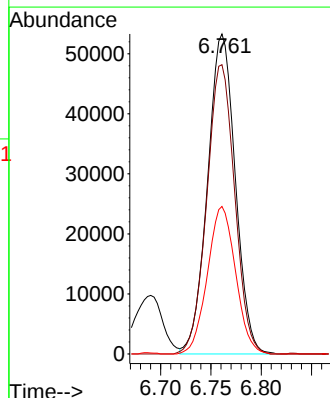
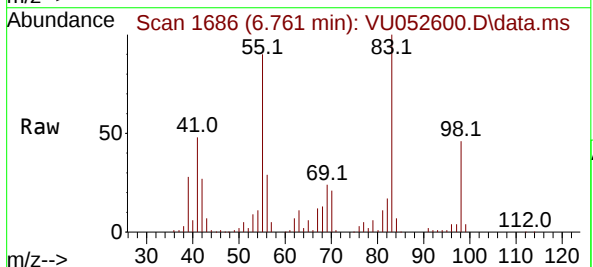
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

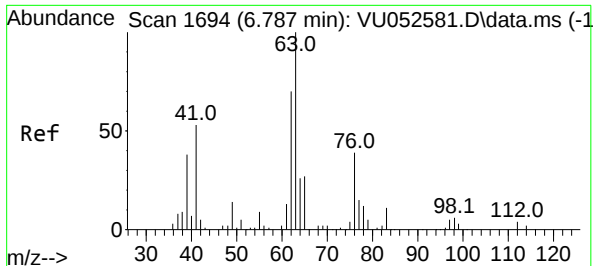
Tgt Ion: 95 Resp: 67604
Ion Ratio Lower Upper
95 100
97 66.7 46.3 86.1
132 89.3 63.9 118.7
130 95.6 65.9 122.5



#35
Methylcyclohexane
Concen: 4.932 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 83 Resp: 102306
Ion Ratio Lower Upper
83 100
55 90.8 71.4 107.0
98 46.7 36.5 54.7





#37

1,2-Dichloropropane

Concen: 5.246 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

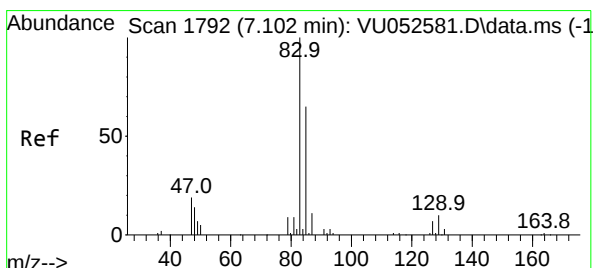
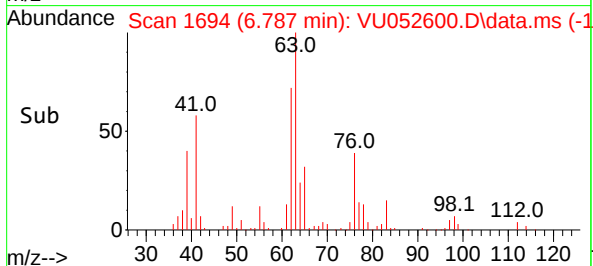
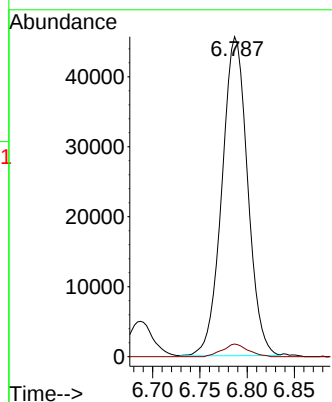
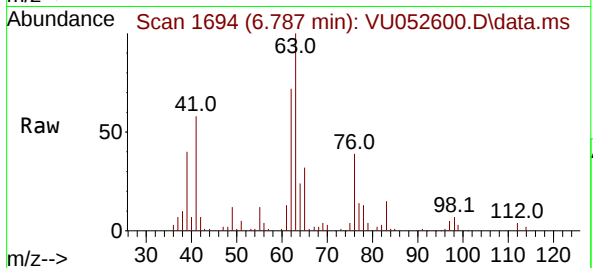
H0AA1MSD

Tgt Ion: 63 Resp: 86131

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 4.997 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

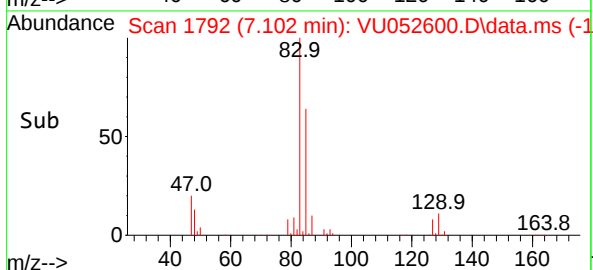
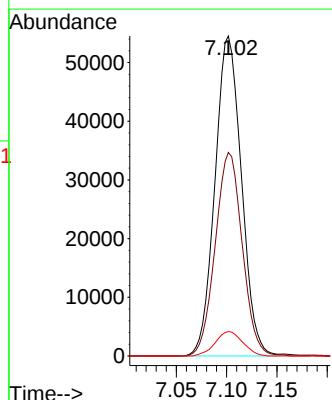
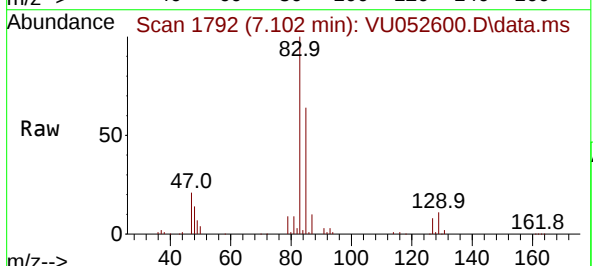
Tgt Ion: 83 Resp: 99860

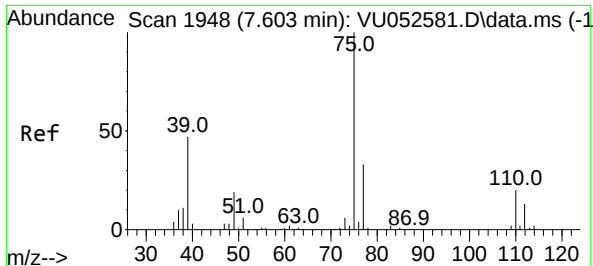
Ion Ratio Lower Upper

83 100

85 63.6 45.2 84.0

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 5.169 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

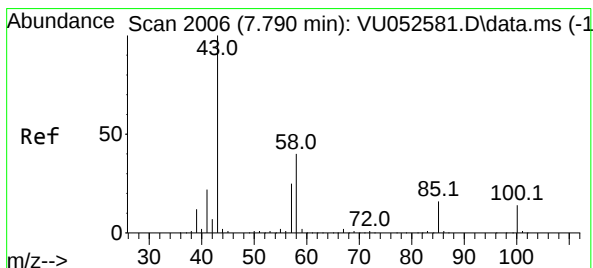
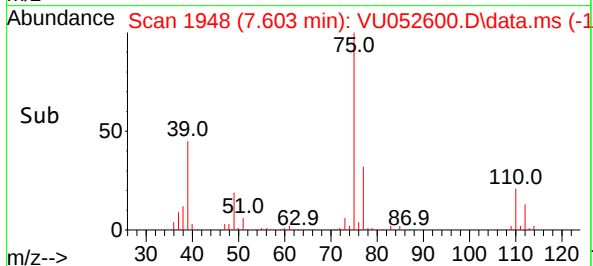
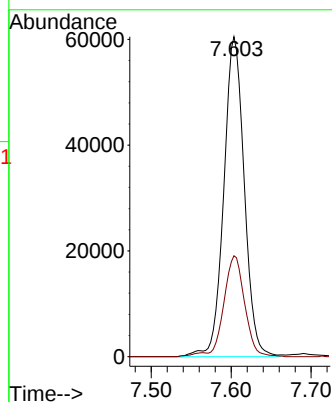
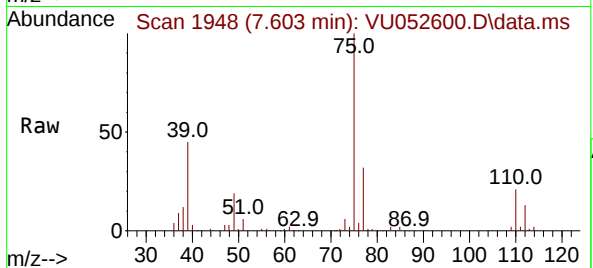
H0AA1MSD

Tgt Ion: 75 Resp: 107485

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 61.379 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

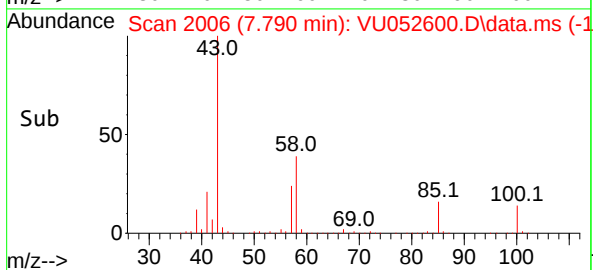
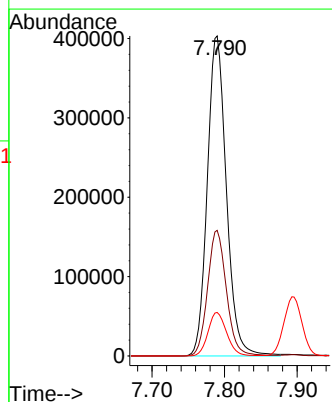
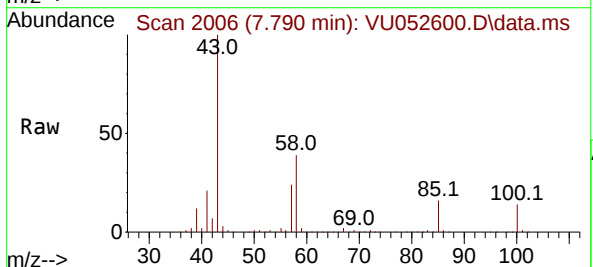
Tgt Ion: 43 Resp: 736414

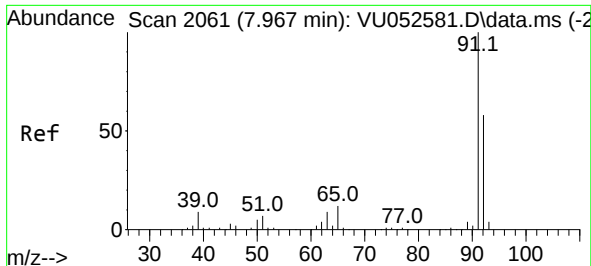
Ion Ratio Lower Upper

43 100

58 38.9 30.6 45.8

100 13.3 10.4 15.6





#42

Toluene

Concen: 5.301 ug/L

RT: 7.963 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

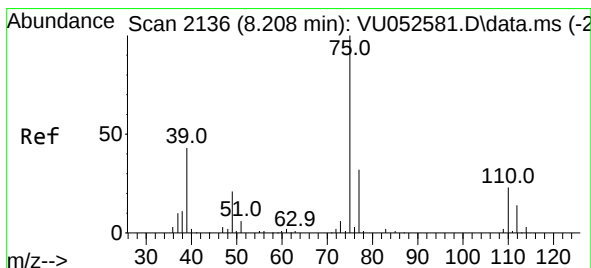
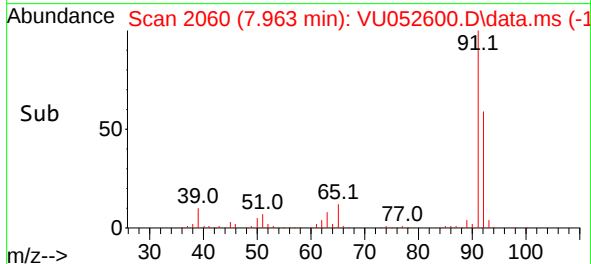
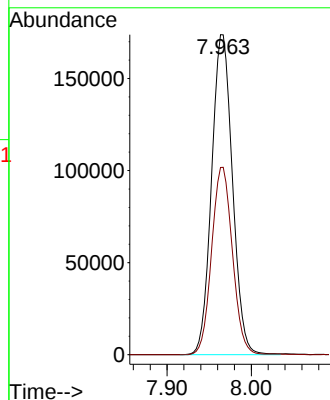
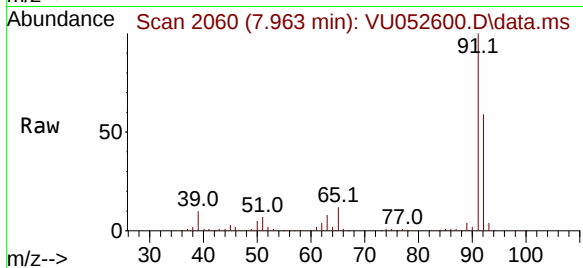
H0AA1MSD

Tgt Ion: 91 Resp: 299069

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.448 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VU052600.D

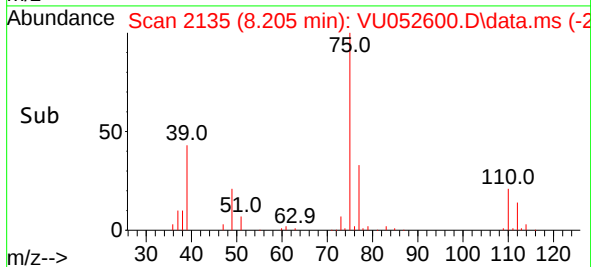
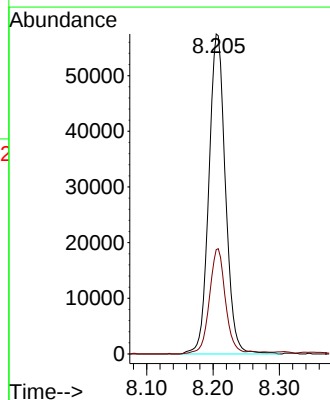
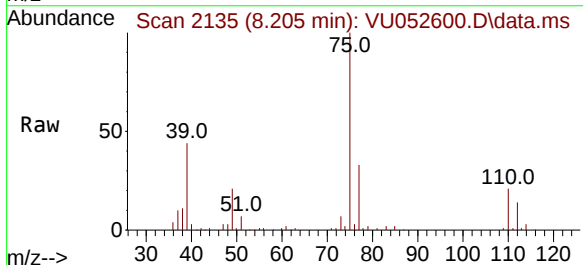
Acq: 28 Dec 2022 20:13

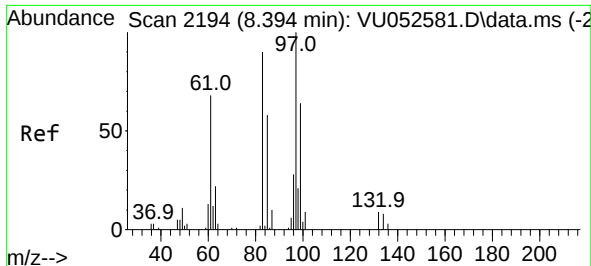
Tgt Ion: 75 Resp: 99828

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4

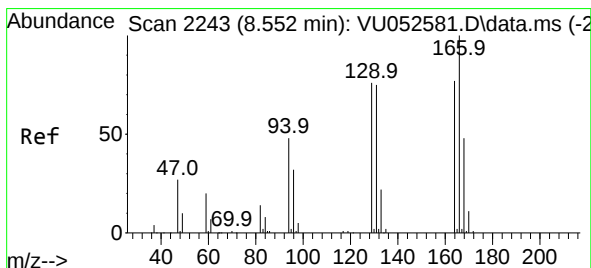
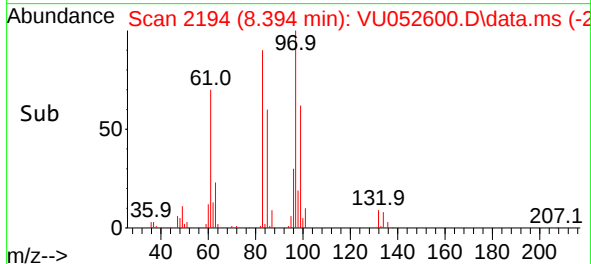
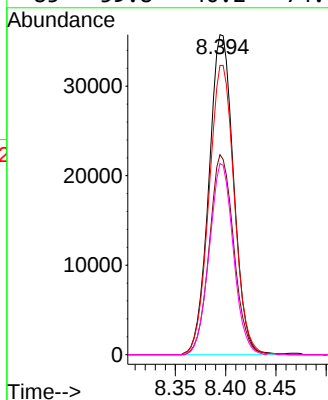
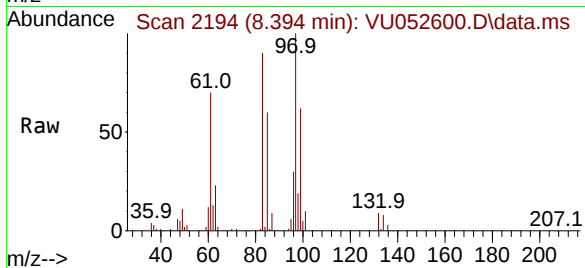




#45
1,1,2-Trichloroethane
Concen: 5.256 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

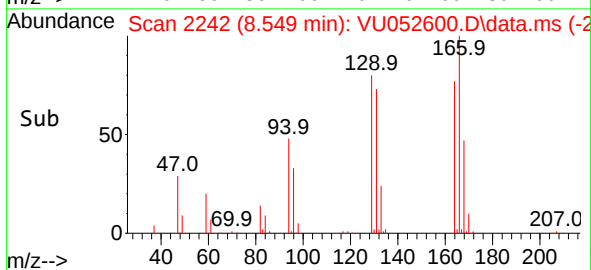
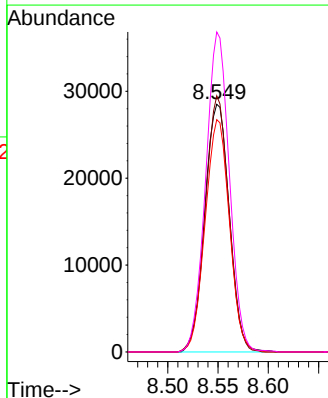
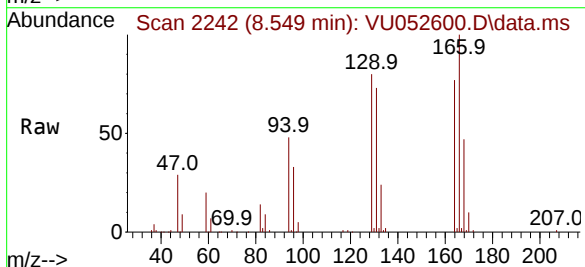
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

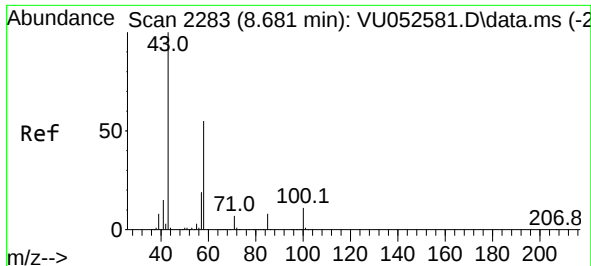
Tgt Ion:	97	Resp:	61115
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.0	78.0
83	90.4	63.2	117.4
85	59.8	40.2	74.6



#47
Tetrachloroethene
Concen: 5.061 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:	164	Resp:	48590
Ion	Ratio	Lower	Upper
164	100		
129	103.4	68.1	126.5
131	93.8	66.5	123.5
166	129.2	87.9	163.3

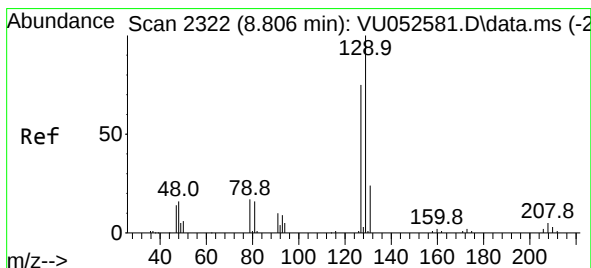
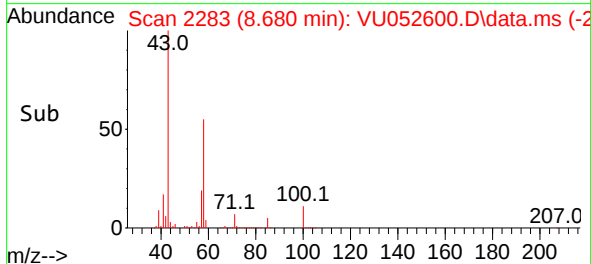
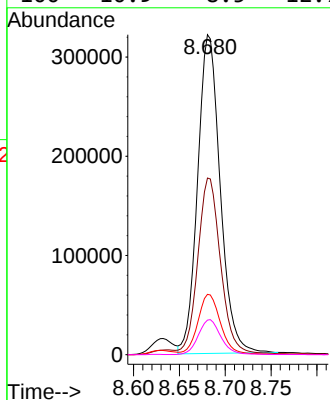
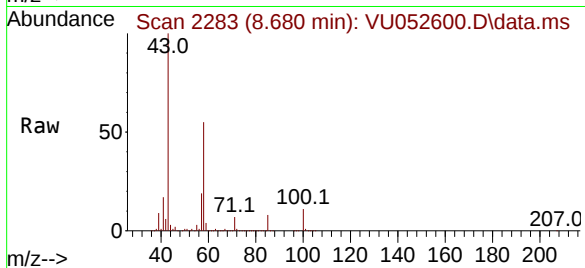




#48
2-Hexanone
Concen: 60.920 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

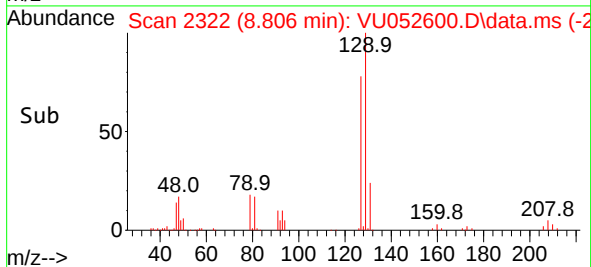
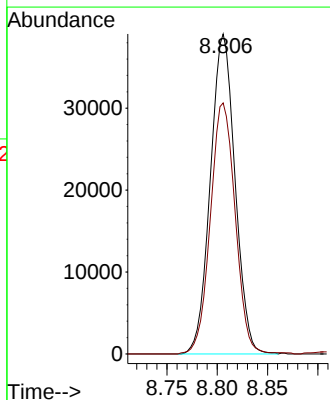
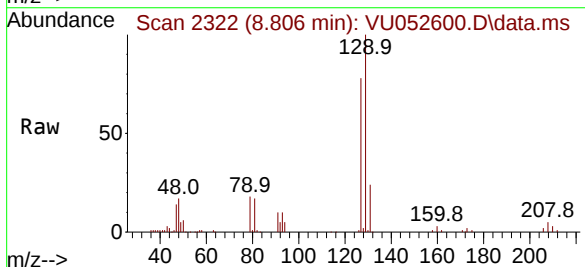
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

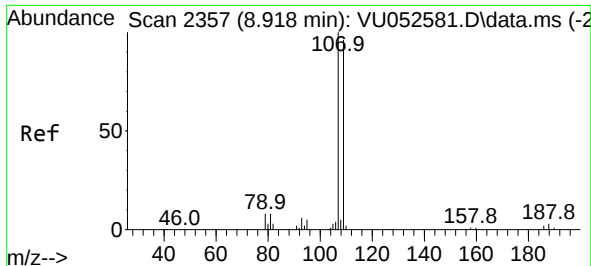
Tgt Ion: 43 Resp: 550942
Ion Ratio Lower Upper
43 100
58 56.0 44.1 66.1
57 19.0 14.6 21.8
100 10.9 8.5 12.7



#49
Dibromochloromethane
Concen: 5.400 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 129 Resp: 66496
Ion Ratio Lower Upper
129 100
127 78.5 54.2 100.6

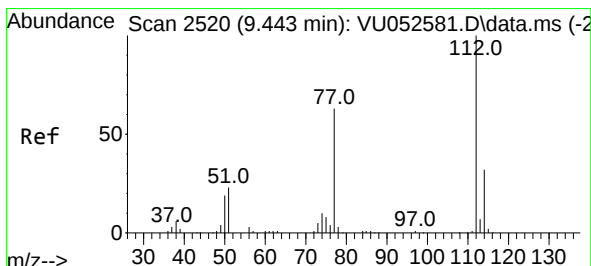
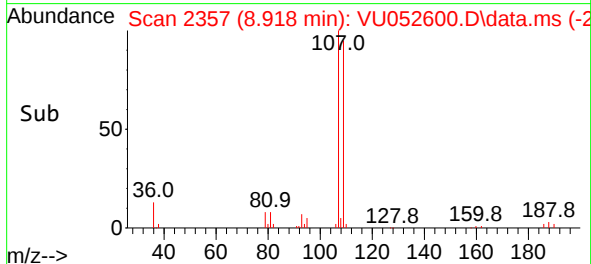
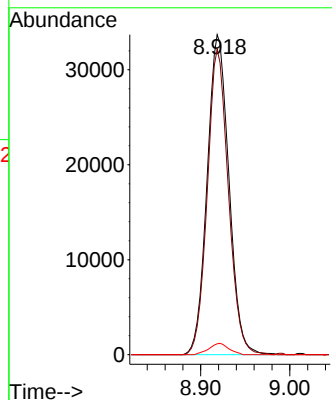
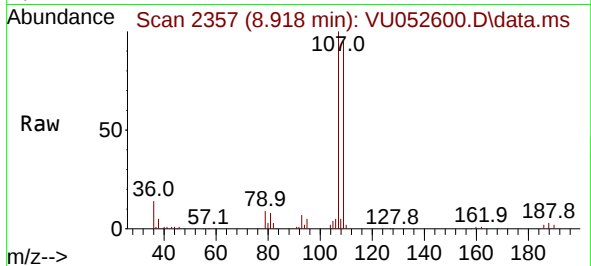




#50
1,2-Dibromoethane
Concen: 5.415 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

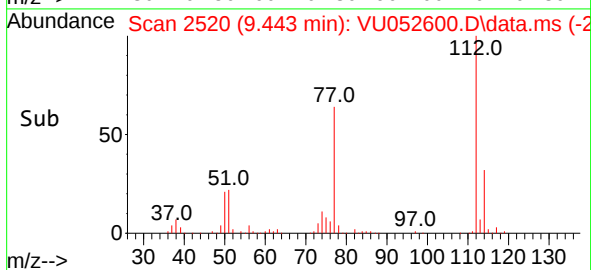
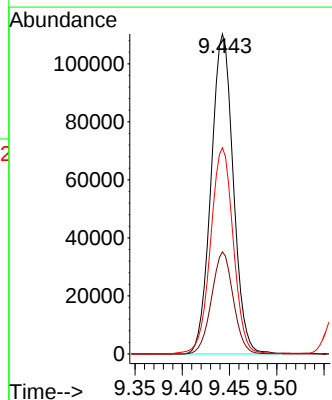
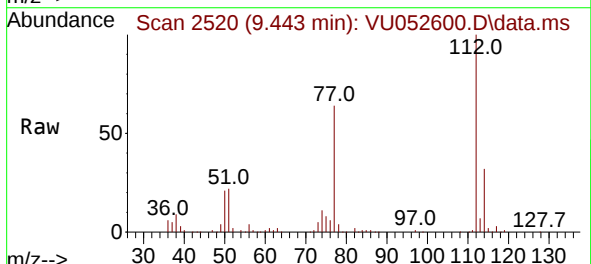
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

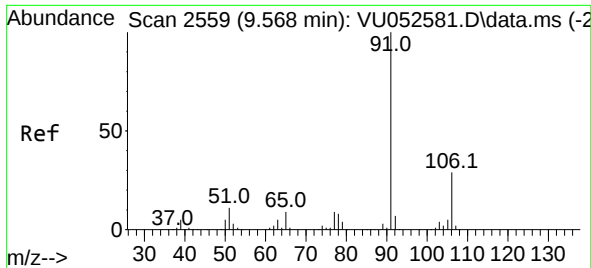
Tgt Ion:107 Resp: 57235
Ion Ratio Lower Upper
107 100
109 95.4 65.8 122.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 5.007 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:112 Resp: 180384
Ion Ratio Lower Upper
112 100
114 31.9 21.3 39.5
77 64.5 51.0 76.6

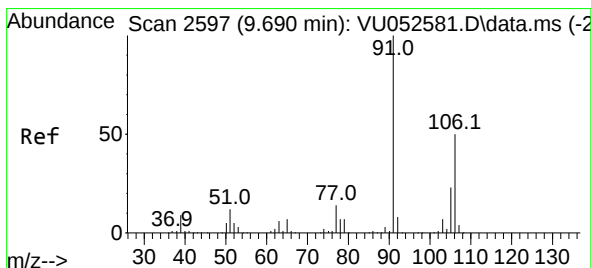
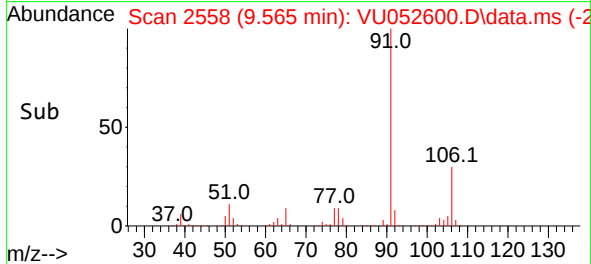
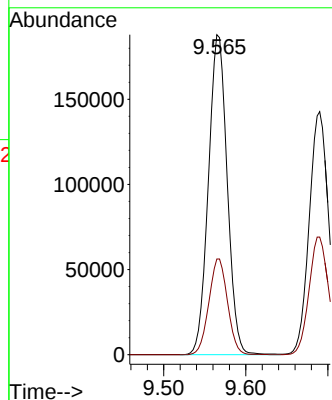
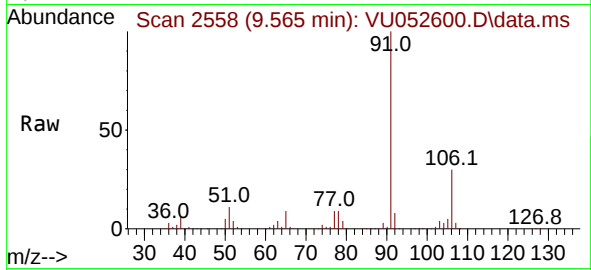




#52
Ethylbenzene
Concen: 5.116 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

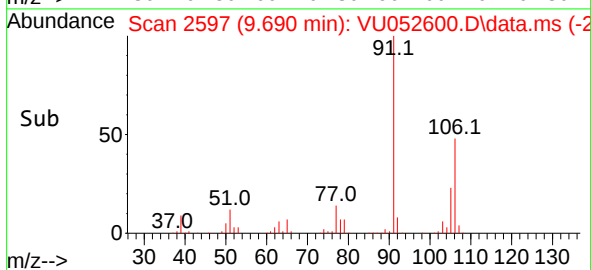
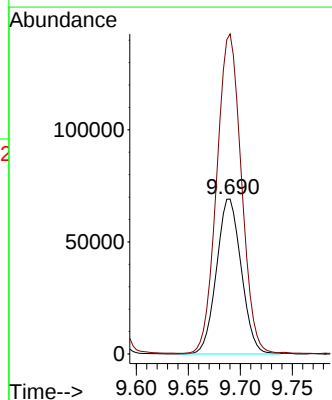
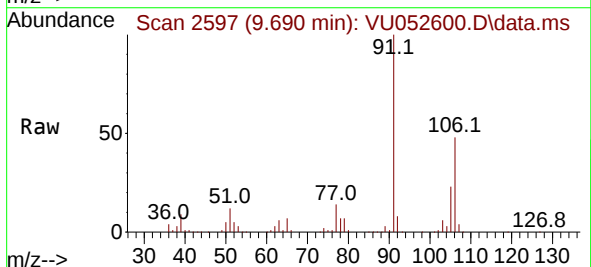
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

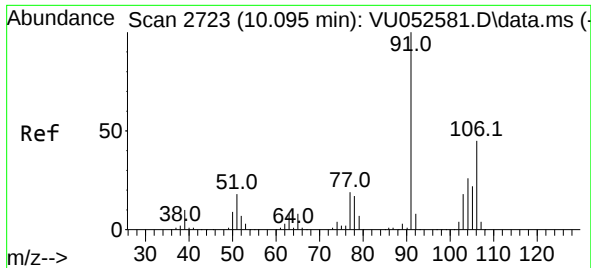
Tgt Ion: 91 Resp: 298702
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.322 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:106 Resp: 114577
Ion Ratio Lower Upper
106 100
91 206.6 148.2 275.2

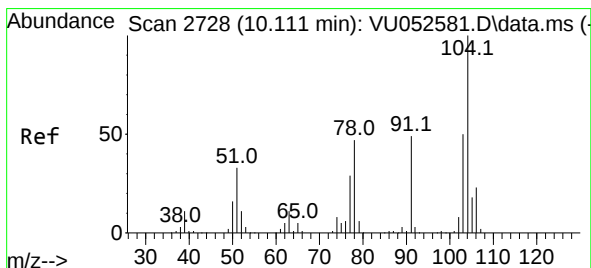
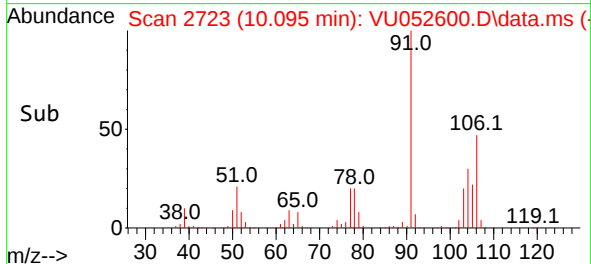
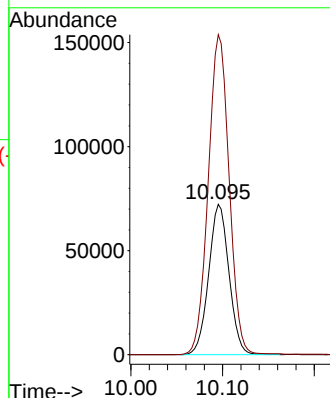
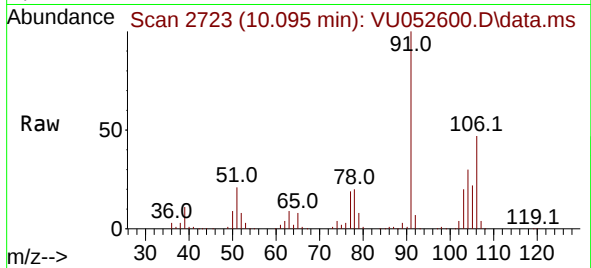




#54
o-Xylene
Concen: 5.387 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

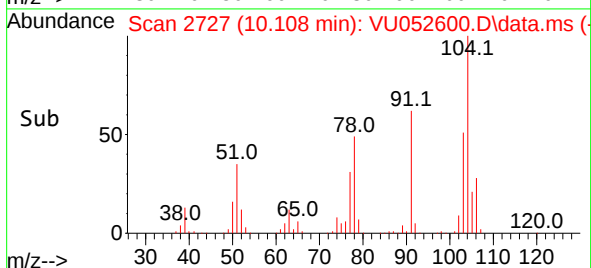
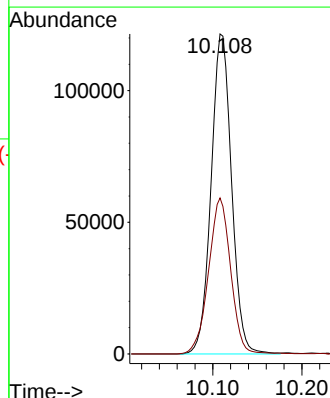
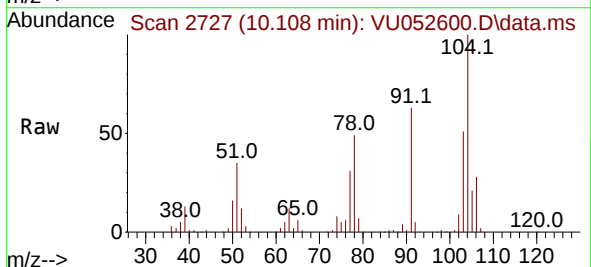
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

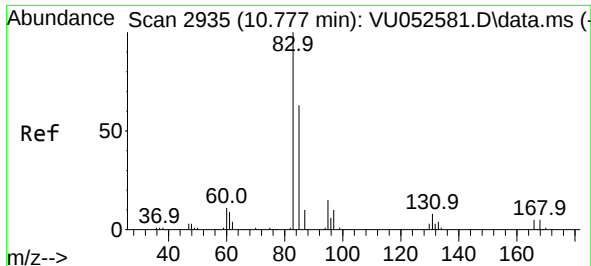
Tgt Ion:106 Resp: 111173
Ion Ratio Lower Upper
106 100
91 212.7 153.2 284.4



#55
Styrene
Concen: 5.405 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:104 Resp: 194064
Ion Ratio Lower Upper
104 100
78 48.7 33.4 62.0

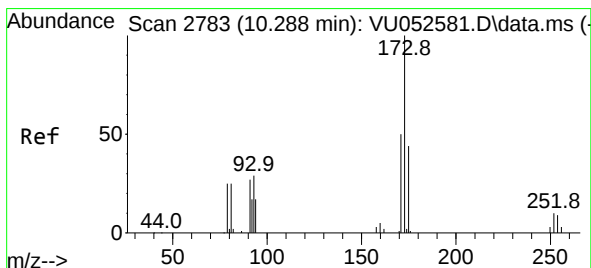
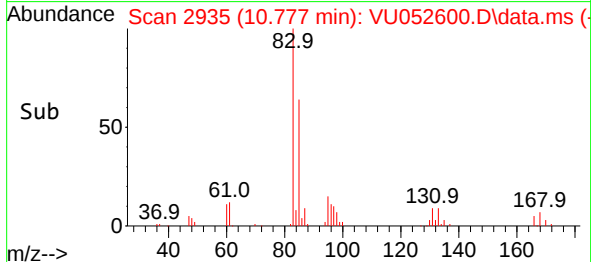
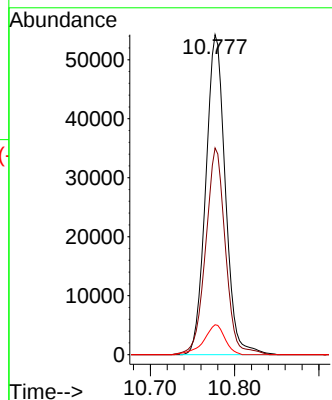
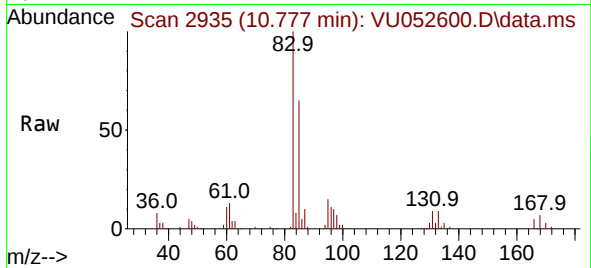




#57
1,1,2,2-Tetrachloroethane
Concen: 5.448 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

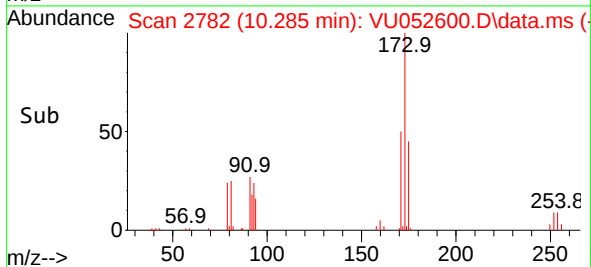
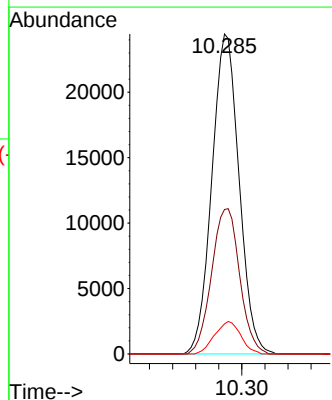
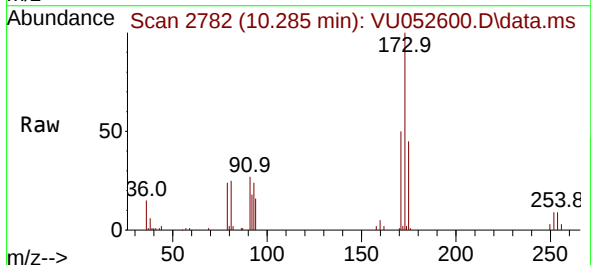
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

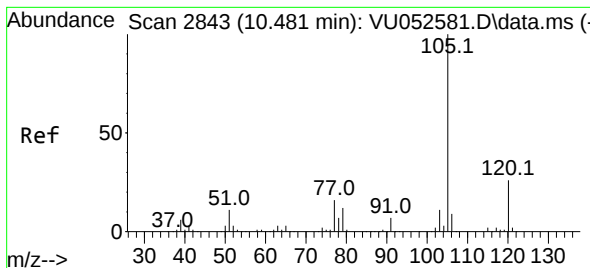
Tgt Ion: 83 Resp: 87580
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1
131 9.3 6.0 9.0#



#59
Bromoform
Concen: 5.255 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:173 Resp: 39924
Ion Ratio Lower Upper
173 100
175 46.8 38.9 58.3
254 9.8 7.0 10.6





#60

Isopropylbenzene

Concen: 5.145 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

H0AA1MSD

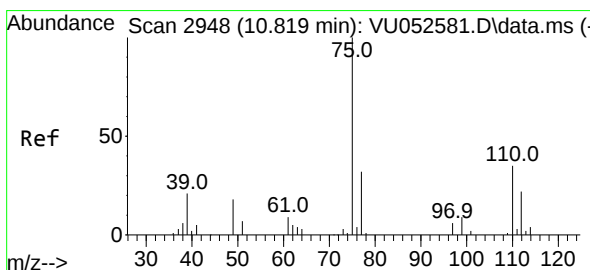
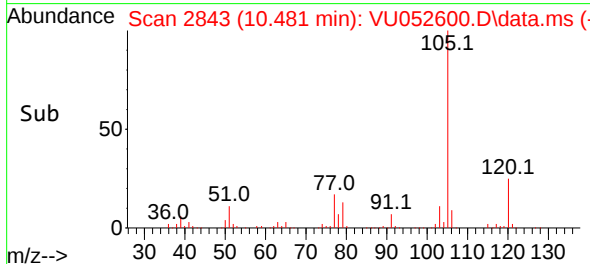
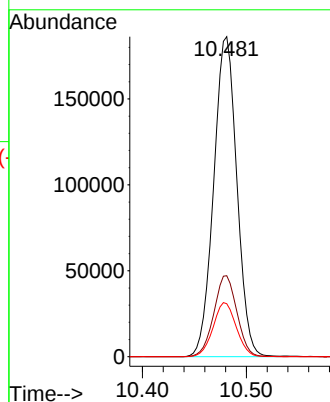
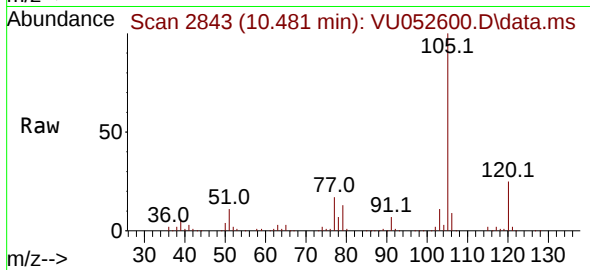
Tgt Ion:105 Resp: 288361

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 17.0 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.218 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

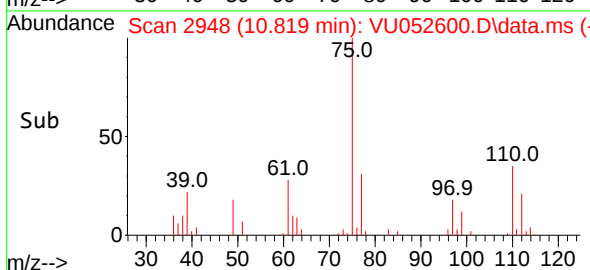
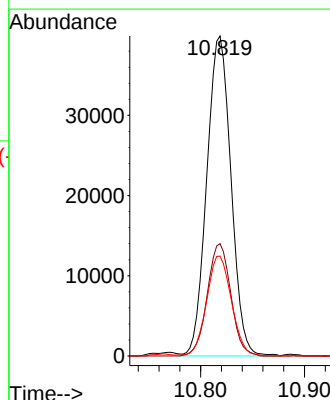
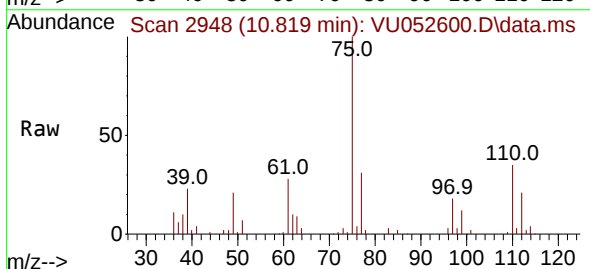
Tgt Ion: 75 Resp: 64715

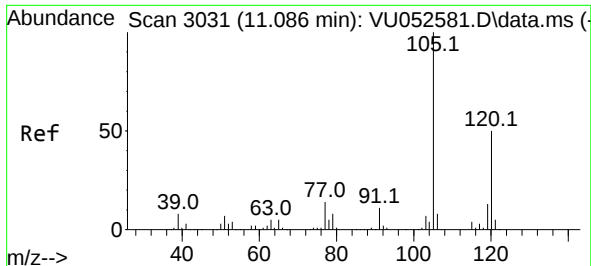
Ion Ratio Lower Upper

75 100

110 33.9 27.9 41.9

77 32.0 25.9 38.9

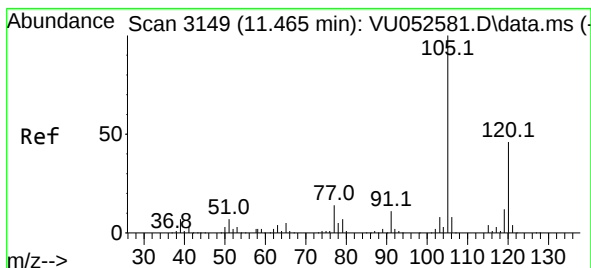
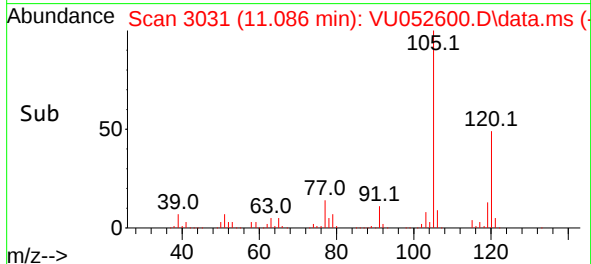
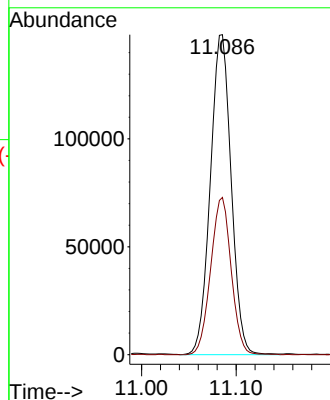
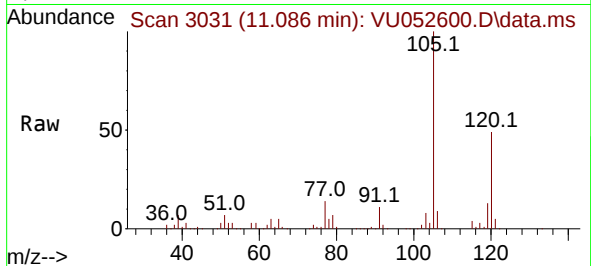




#62
1,3,5-Trimethylbenzene
Concen: 4.915 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

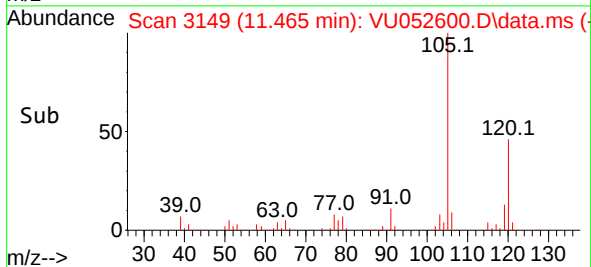
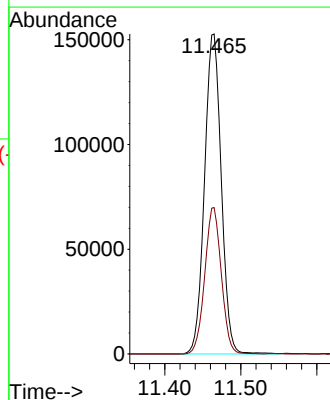
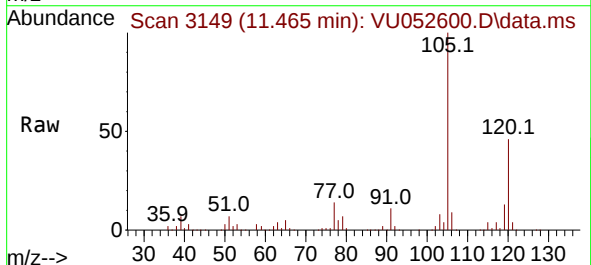
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

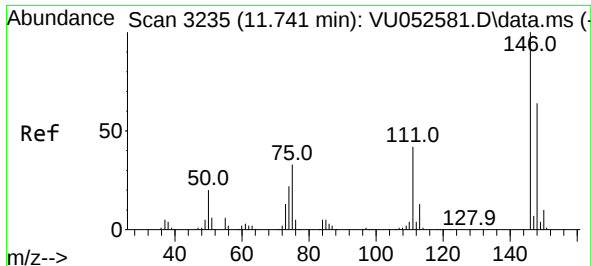
Tgt Ion:105 Resp: 227162
Ion Ratio Lower Upper
105 100
120 48.3 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 5.026 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:105 Resp: 233891
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

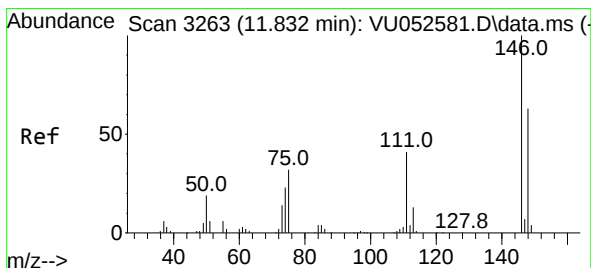
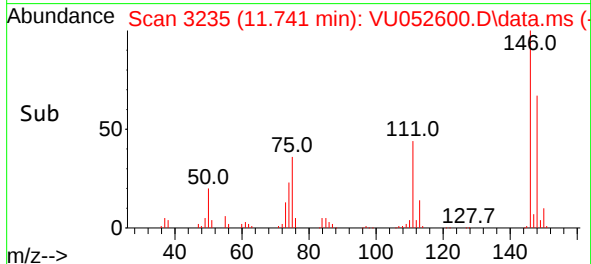
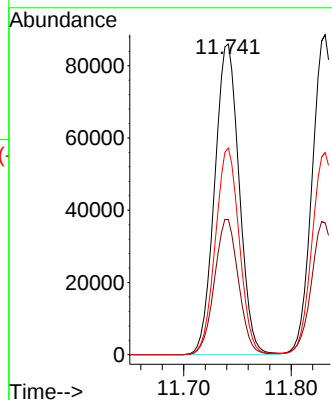
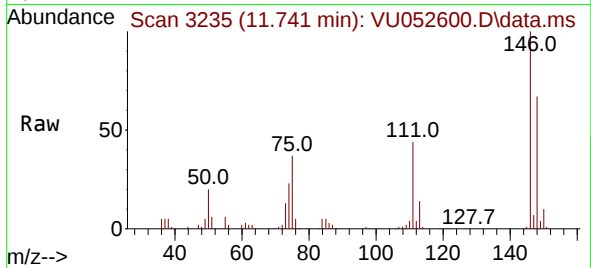




#64
1,3-Dichlorobenzene
Concen: 4.906 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

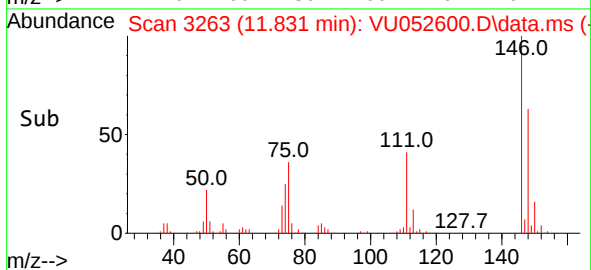
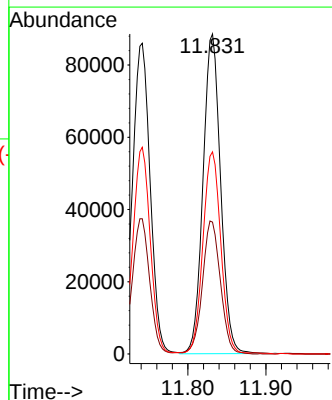
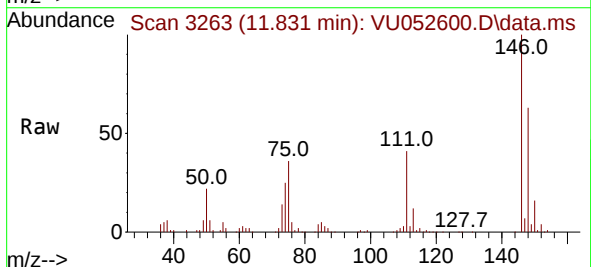
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

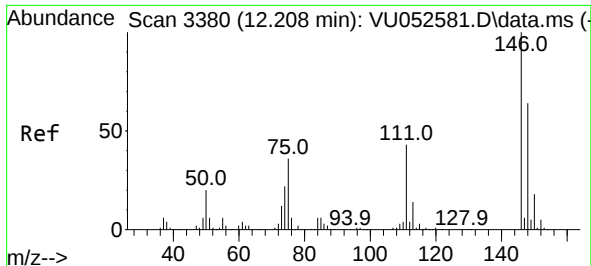
Tgt Ion:146 Resp: 136423
Ion Ratio Lower Upper
146 100
111 43.5 29.9 55.5
148 66.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.834 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:146 Resp: 139001
Ion Ratio Lower Upper
146 100
111 41.2 27.5 51.1
148 63.2 44.9 83.3

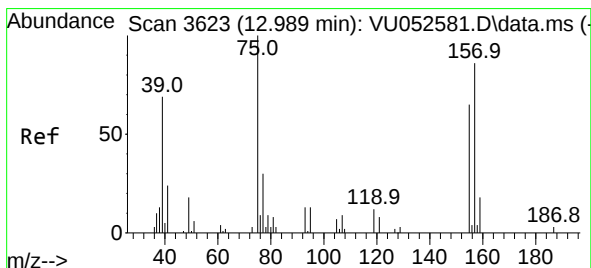
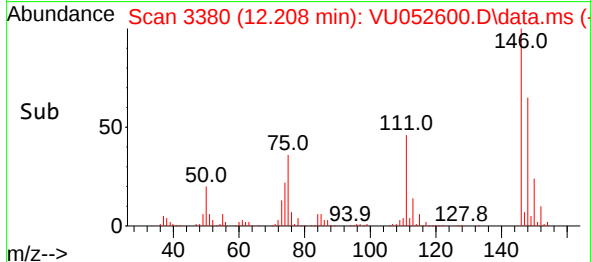
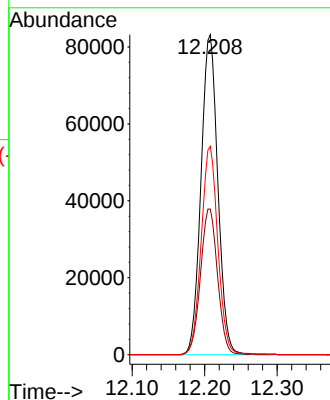
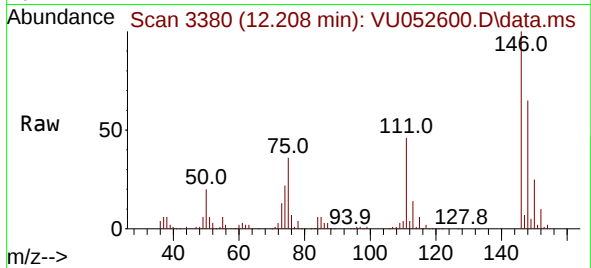




#67
1,2-Dichlorobenzene
Concen: 4.884 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

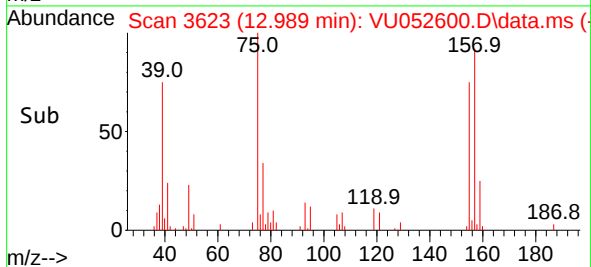
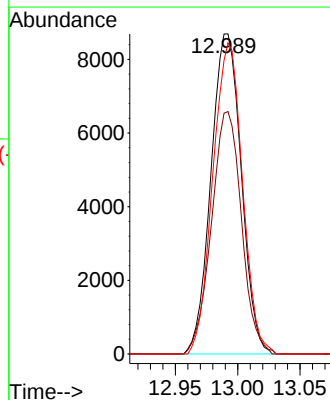
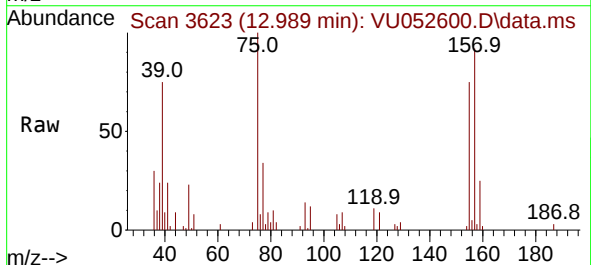
Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

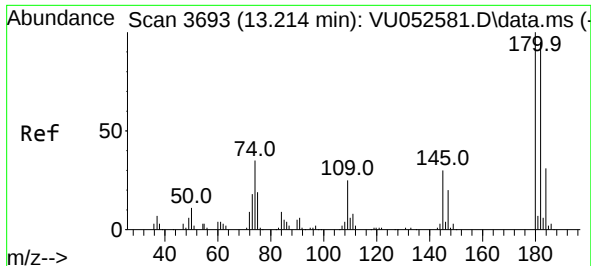
Tgt Ion:146 Resp: 134194
Ion Ratio Lower Upper
146 100
111 45.5 36.6 55.0
148 65.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.236 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion: 75 Resp: 14700
Ion Ratio Lower Upper
75 100
155 75.3 62.2 93.2
157 91.7 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.696 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

H0AA1MSD

Tgt Ion:180 Resp: 96159

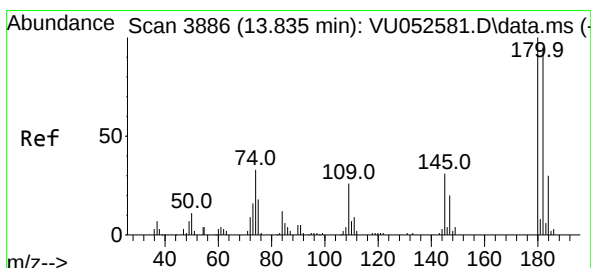
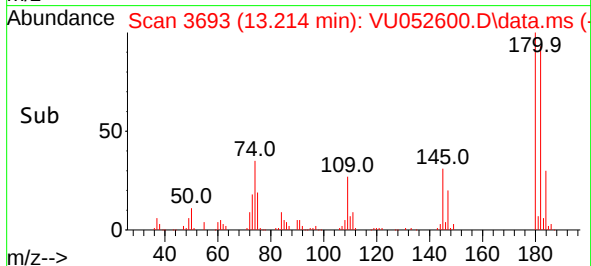
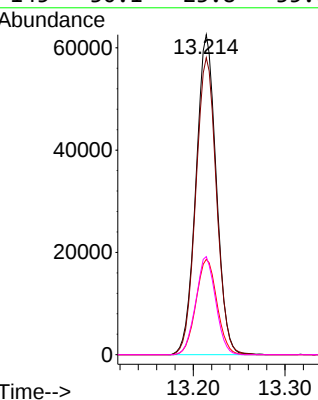
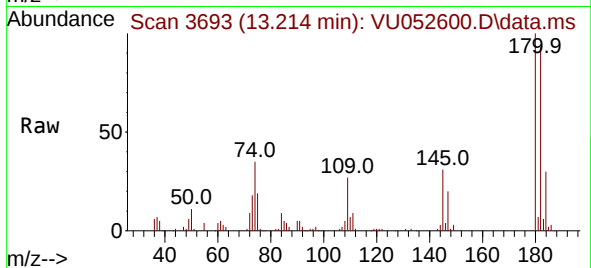
Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.8

184 30.8 23.4 35.0

145 30.1 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 4.667 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052600.D

Acq: 28 Dec 2022 20:13

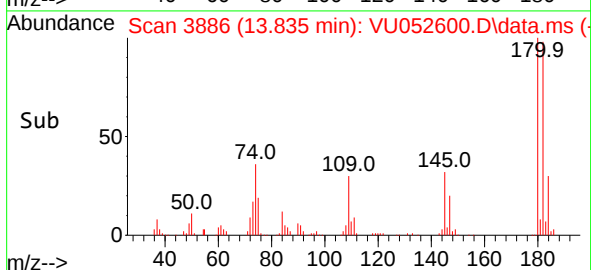
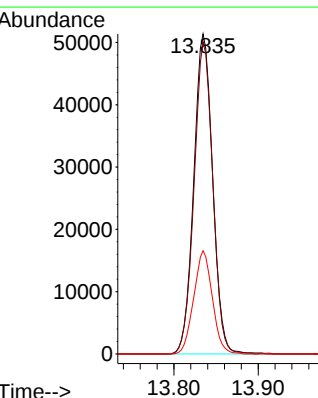
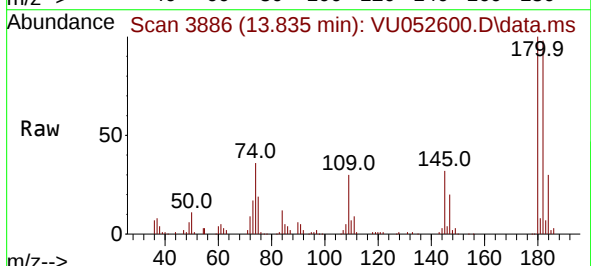
Tgt Ion:180 Resp: 80405

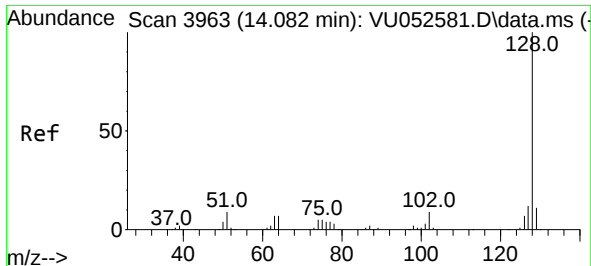
Ion Ratio Lower Upper

180 100

182 96.3 77.7 116.5

145 31.7 24.0 36.0

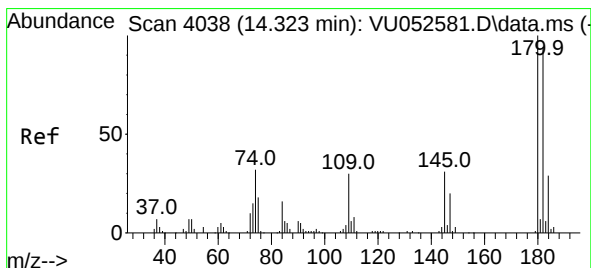
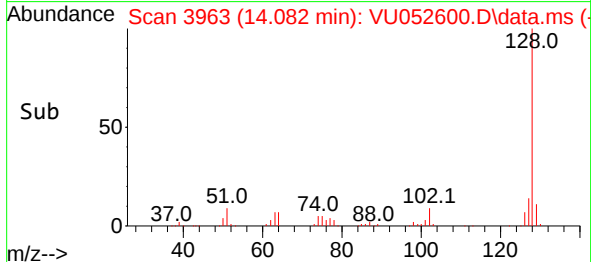
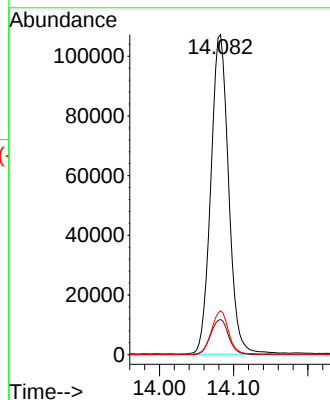
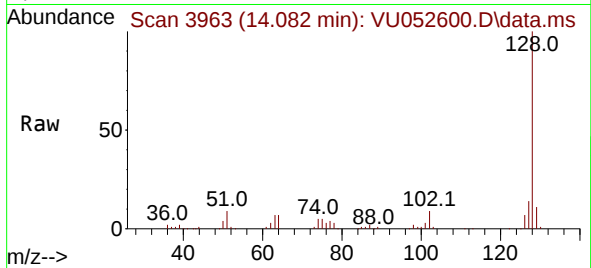




#71
Naphthalene
Concen: 5.110 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Instrument :
MSVOA_U
ClientSampleId :
H0AA1MSD

Tgt Ion:128 Resp: 178141
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.830 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052600.D
Acq: 28 Dec 2022 20:13

Tgt Ion:180 Resp: 83416
Ion Ratio Lower Upper
180 100
182 96.9 76.3 114.5
145 33.8 25.8 38.8

