

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052519.D
 Acq On : 23 Dec 2022 02:23
 Operator : JC/MD
 Sample : N6169-08MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA0MS

Quant Time: Dec 23 06:44:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	106740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79653	3.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.916	69	77060	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.568	65	35499	3.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.636	46	383872	55.289	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.580%
24) Chloroform-d	5.060	84	161752	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.700	65	96229	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.722	84	330219	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.687	67	113877	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.893	98	287064	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.176	79	42438	5.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.629	63	294996	64.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105390	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	107250	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87878	4.469	ug/L	98
3) Chloromethane	1.520	50	124300	4.379	ug/L	99
5) Vinyl chloride	1.604	62	122538	4.762	ug/L	96
6) Bromomethane	1.858	94	56796	3.872	ug/L	98
8) Chloroethane	1.935	64	74390	4.221	ug/L	98
9) Trichlorofluoromethane	2.141	101	131934	4.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	78869	4.561	ug/L	98
12) 1,1-Dichloroethene	2.581	96	77062	4.656	ug/L	92
13) Acetone	2.655	43	243990	47.670	ug/L	100
14) Carbon disulfide	2.793	76	236491	4.434	ug/L	99
15) Methyl Acetate	2.957	43	63235	5.608	ug/L	98
16) Methylene chloride	3.044	84	102260	4.374	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	252205	5.708	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	523672	30.700	ug/L	99
19) 1,1-Dichloroethane	3.867	63	178976	4.825	ug/L	99
21) 2-Butanone	4.716	43	421904	55.970	ug/L	94
22) cis-1,2-Dichloroethene	4.661	96	672218	35.909	ug/L	99
23) Bromochloromethane	4.973	128	44638	5.145	ug/L	96
25) Chloroform	5.086	83	167325	4.655	ug/L	99

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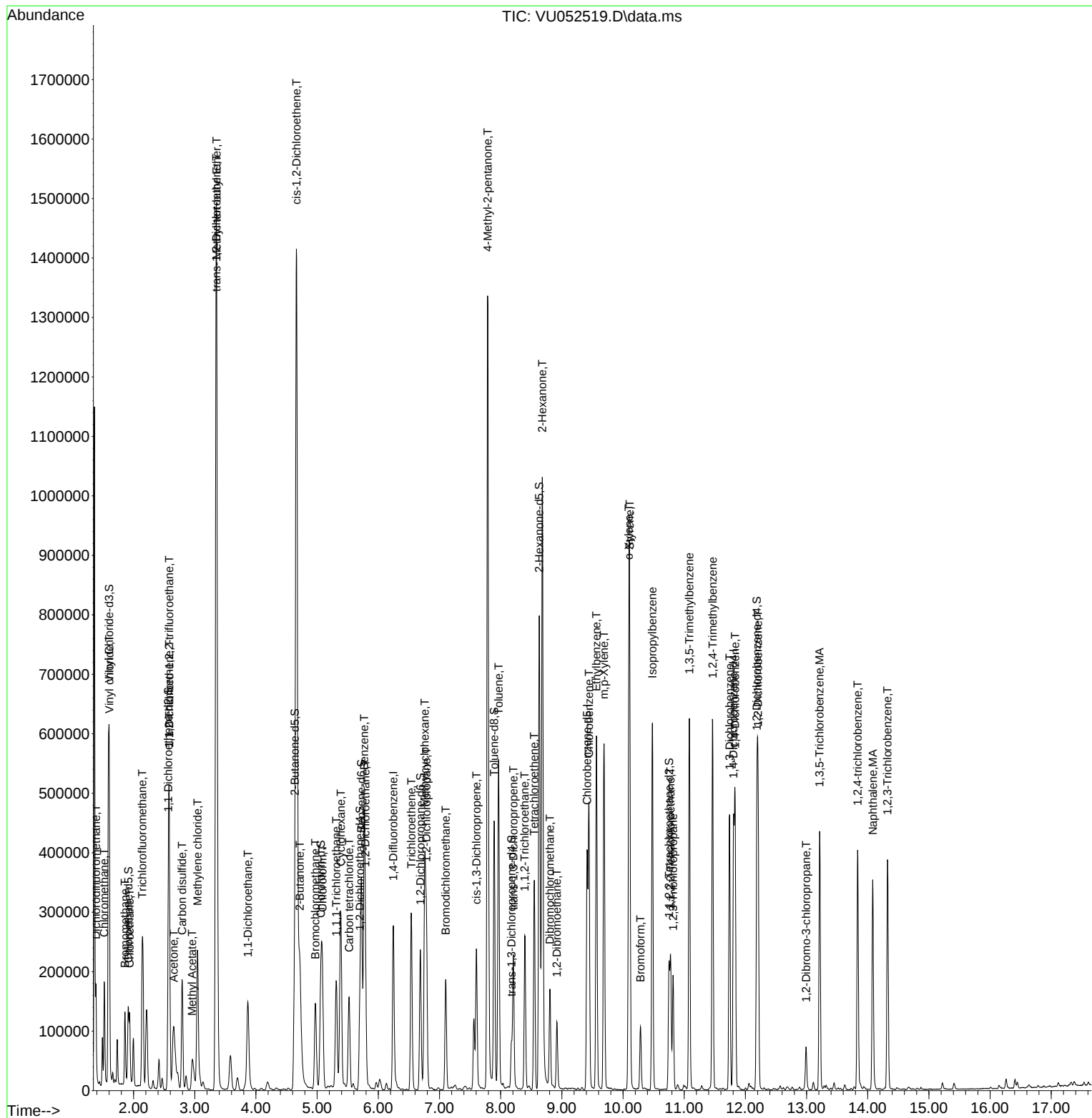
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	120198	4.840	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	130850	5.019	ug/L	97
30) Cyclohexane	5.385	56	165555	5.877	ug/L	97
31) Carbon tetrachloride	5.523	117	107809	4.706	ug/L	99
33) Benzene	5.771	78	395534	5.302	ug/L	100
34) Trichloroethene	6.539	95	100439	5.759	ug/L	98
35) Methylcyclohexane	6.761	83	144939	5.511	ug/L	96
37) 1,2-Dichloropropane	6.787	63	106574	5.119	ug/L	99
38) Bromodichloromethane	7.102	83	124640	4.919	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	142799	5.416	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	932305	61.283	ug/L	97
42) Toluene	7.967	91	395566	5.530	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	126889	5.461	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	79399	5.385	ug/L	98
47) Tetrachloroethene	8.549	164	76028	6.245	ug/L	96
48) 2-Hexanone	8.681	43	686596	59.874	ug/L	98
49) Dibromochloromethane	8.806	129	81555	5.223	ug/L	100
50) 1,2-Dibromoethane	8.918	107	72940	5.442	ug/L	99
51) Chlorobenzene	9.443	112	243213	5.324	ug/L	98
52) Ethylbenzene	9.565	91	411514	5.559	ug/L	99
53) m,p-Xylene	9.690	106	160021	5.862	ug/L	99
54) o-Xylene	10.095	106	156863	5.995	ug/L	100
55) Styrene	10.108	104	261827	5.752	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	111119	5.452	ug/L	99
59) Bromoform	10.285	173	47185	5.031	ug/L	99
60) Isopropylbenzene	10.481	105	391165	5.654	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	81224	5.306	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	325583	5.706	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	336256	5.854	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	179213	5.221	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	183734	5.176	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	178429	5.261	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	19282	5.564	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	130847	5.177	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	115574	5.434	ug/L	99
71) Naphthalene	14.082	128	270807	6.293	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	111750	5.242	ug/L	99

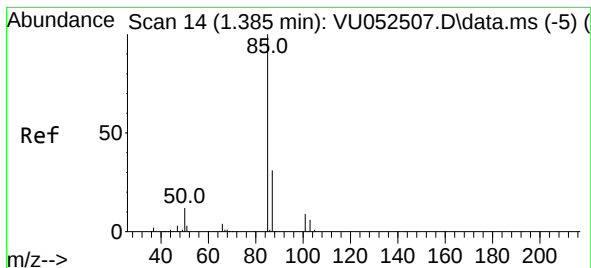
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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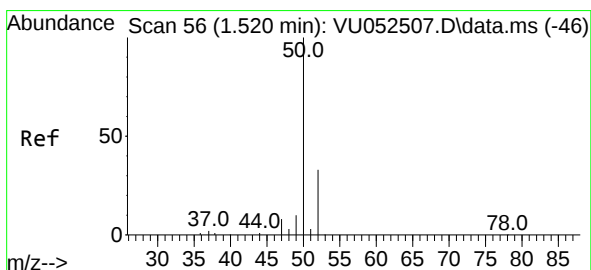
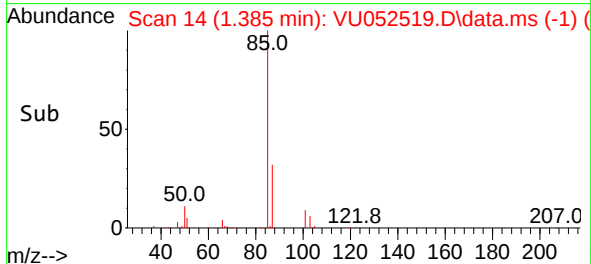
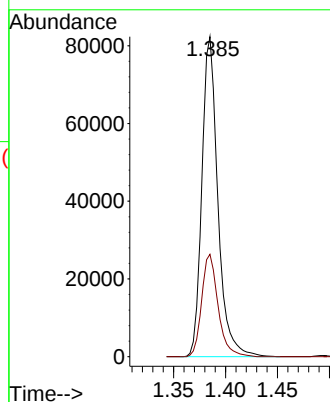
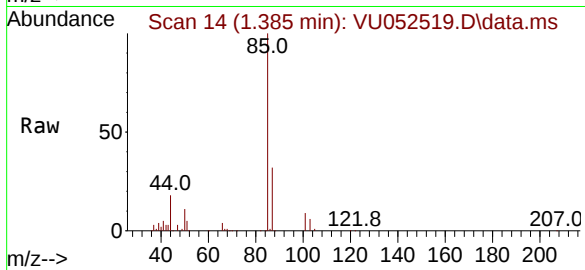




#2
Dichlorodifluoromethane
Concen: 4.469 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

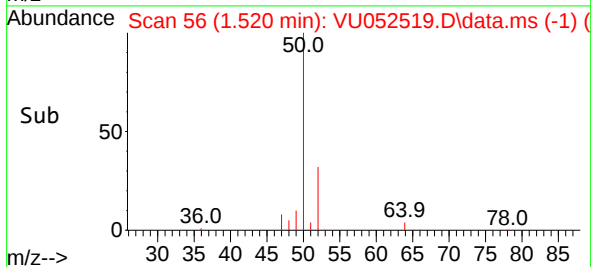
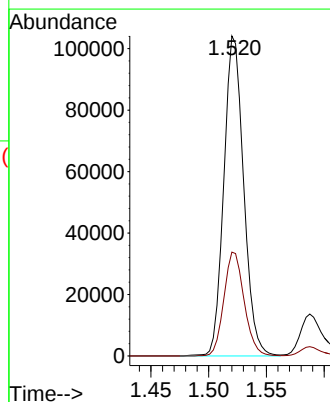
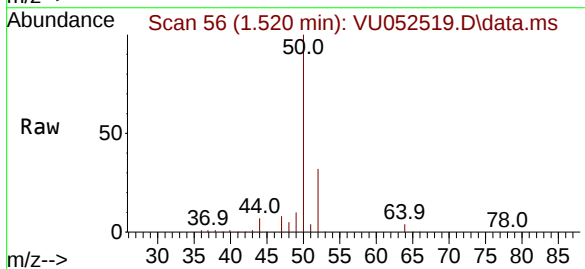
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MSVOA_U
ClientSampleId :
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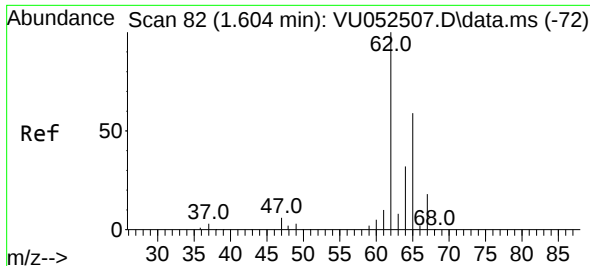
Tgt Ion: 85 Resp: 87878
Ion Ratio Lower Upper
85 100
87 32.9 25.6 38.4



#3
Chloromethane
Concen: 4.379 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 50 Resp: 124300
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6

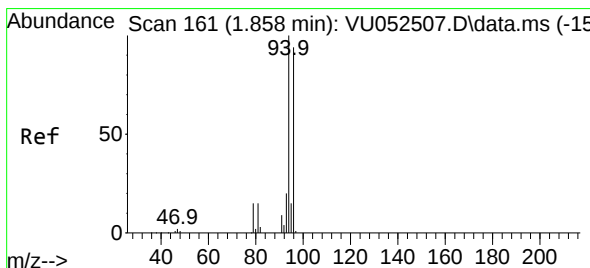
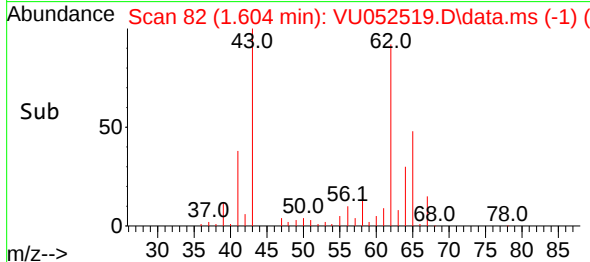
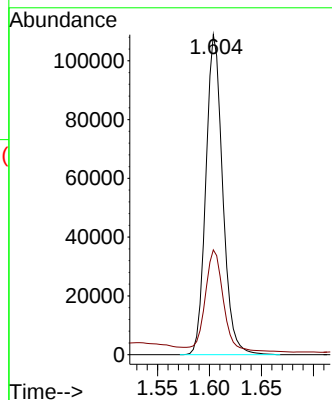
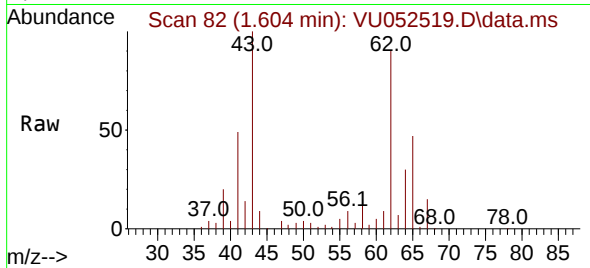




#5
 Vinyl chloride
 Concen: 4.762 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU052519.D
 Acq: 23 Dec 2022 02:23

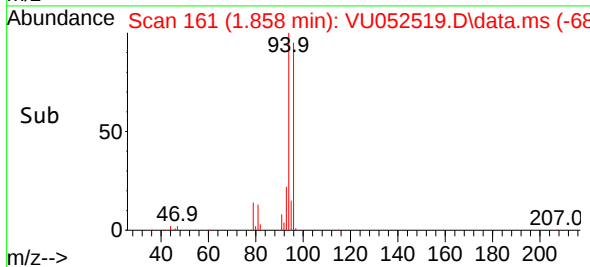
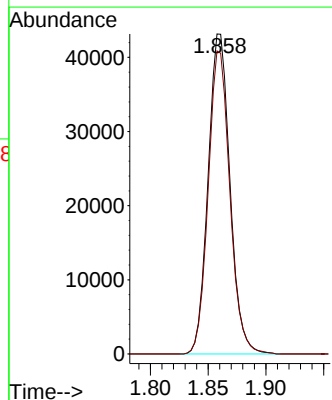
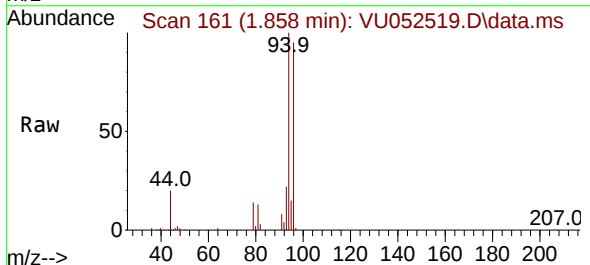
Instrument :
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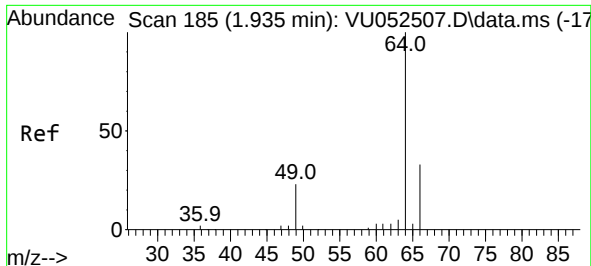
Tgt Ion: 62 Resp: 122538
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.4 45.4



#6
 Bromomethane
 Concen: 3.872 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052519.D
 Acq: 23 Dec 2022 02:23

Tgt Ion: 94 Resp: 56796
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.8

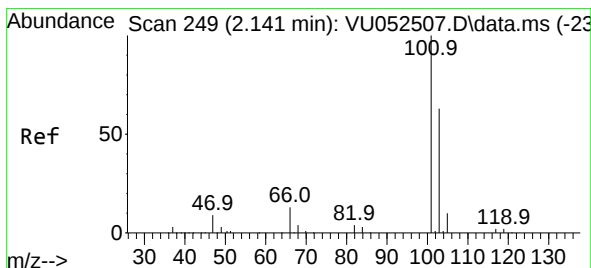
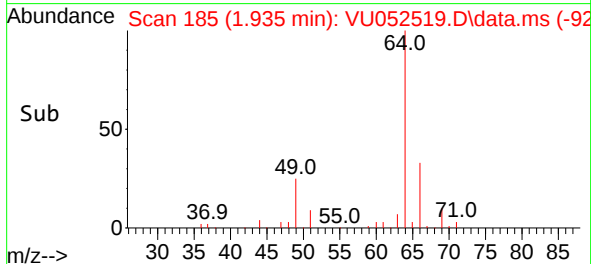
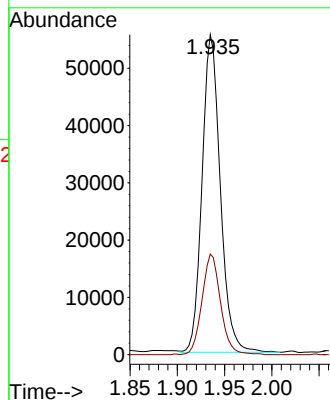
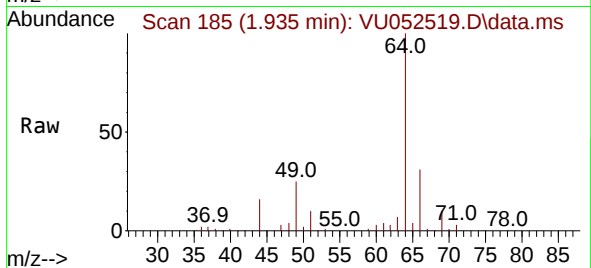




#8
Chloroethane
Concen: 4.221 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

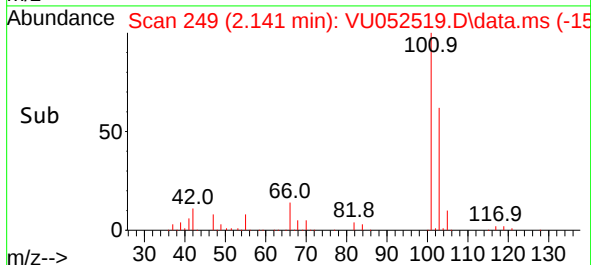
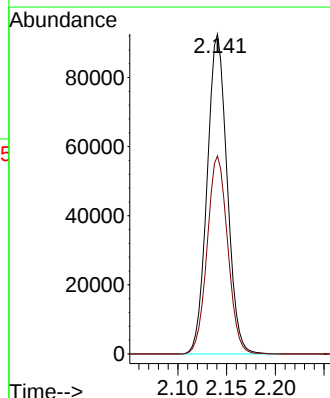
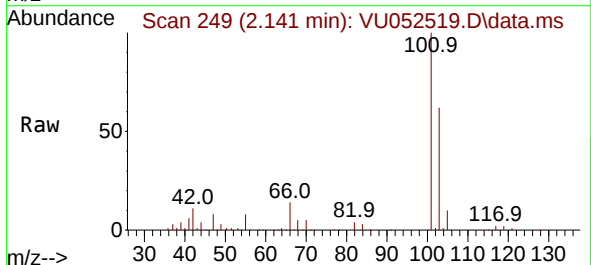
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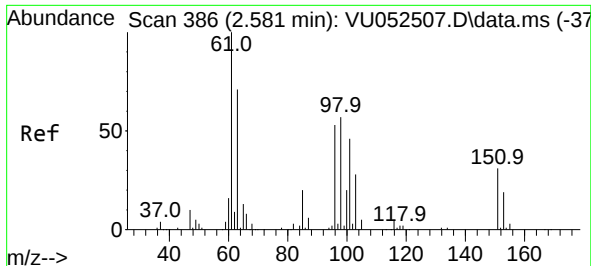
Tgt Ion: 64 Resp: 74390
Ion Ratio Lower Upper
64 100
66 31.5 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.535 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 101 Resp: 131934
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

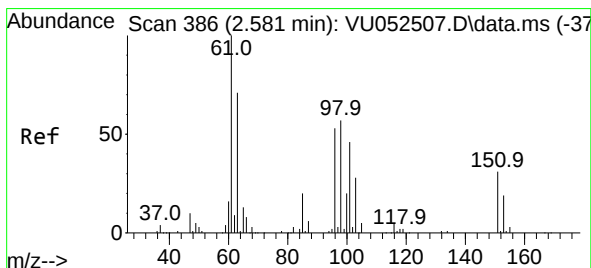
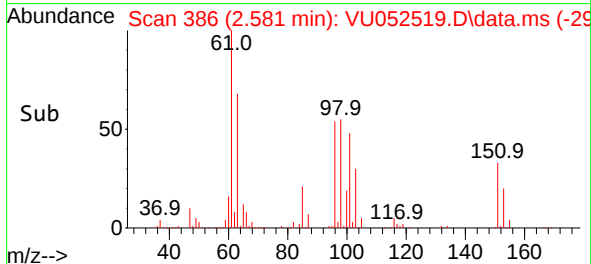
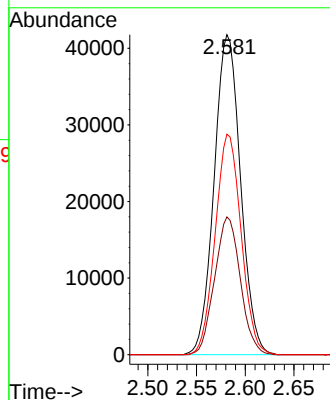
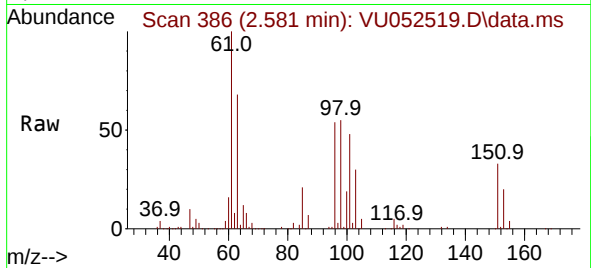




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.561 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052519.D
 Acq: 23 Dec 2022 02:23

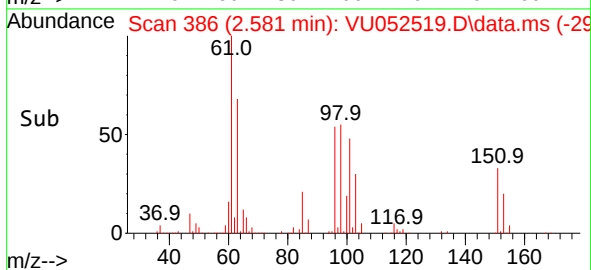
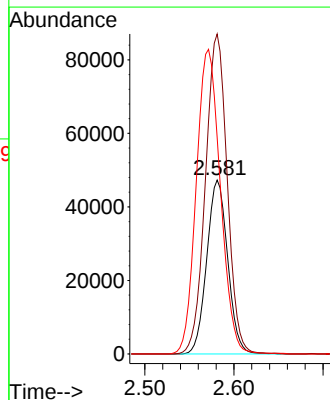
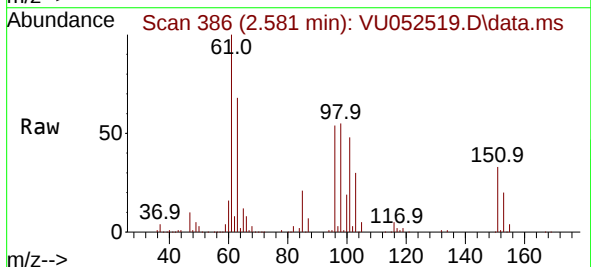
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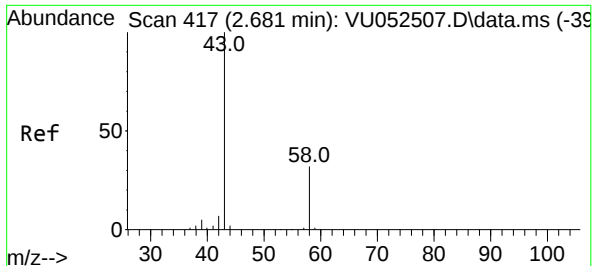
Tgt Ion: 101 Resp: 78869
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.8 53.6
 151 67.6 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 4.656 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052519.D
 Acq: 23 Dec 2022 02:23

Tgt Ion: 96 Resp: 77062
 Ion Ratio Lower Upper
 96 100
 61 184.0 135.4 251.4
 63 124.5 95.4 177.2

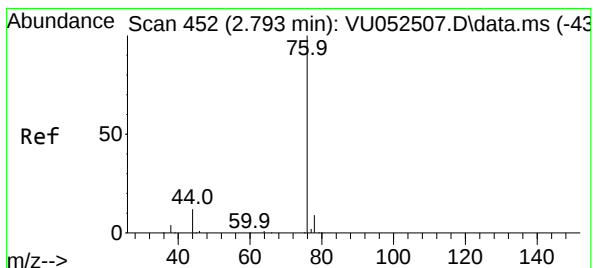
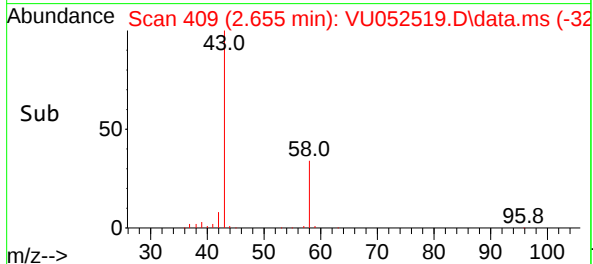
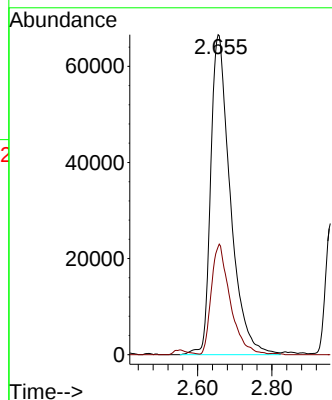
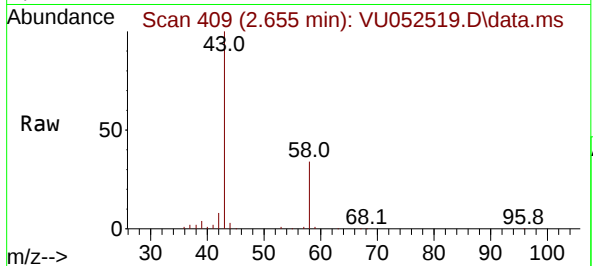




#13
Acetone
Concen: 47.670 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.026 min
Lab File: VU052519.D
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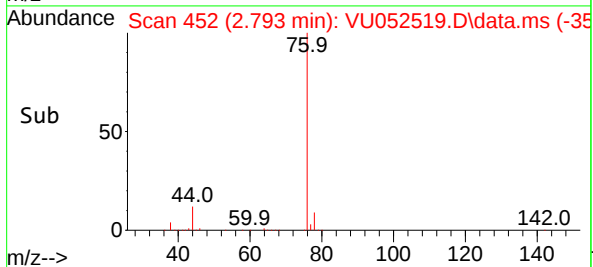
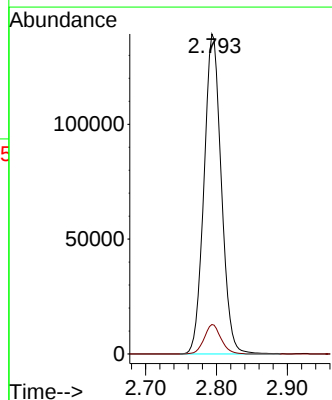
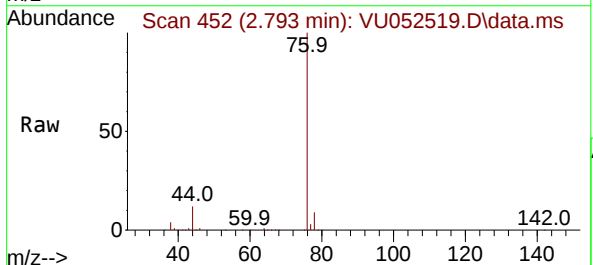
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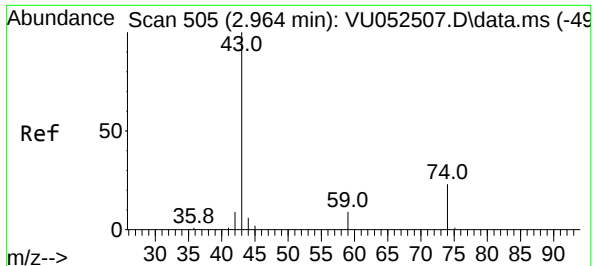
Tgt Ion: 43 Resp: 243990
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.4



#14
Carbon disulfide
Concen: 4.434 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 76 Resp: 236491
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

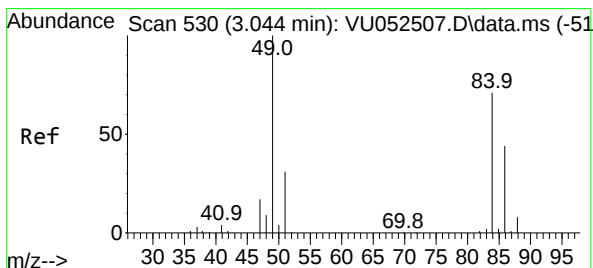
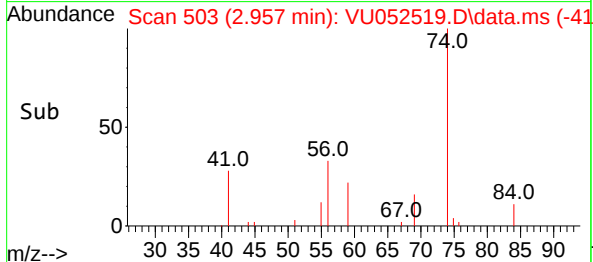
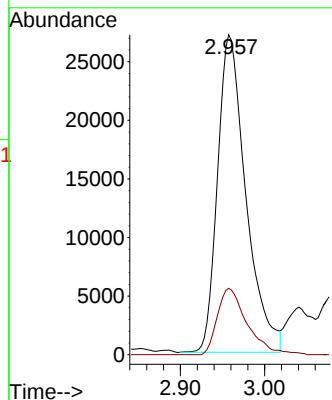
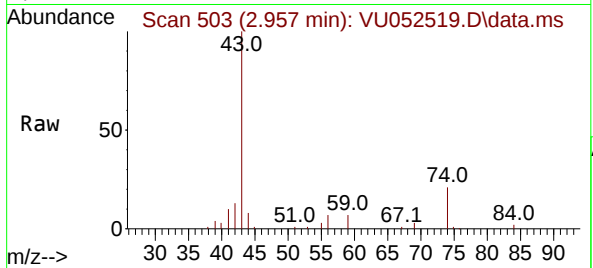




#15
Methyl Acetate
Concen: 5.608 ug/L
RT: 2.957 min Scan# 505
Delta R.T. -0.006 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

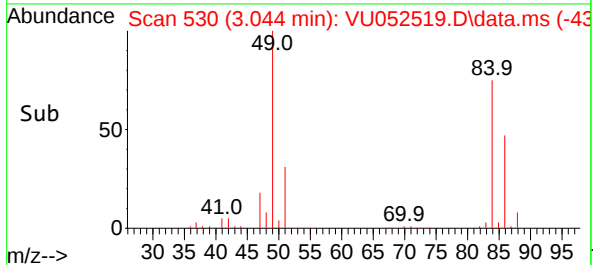
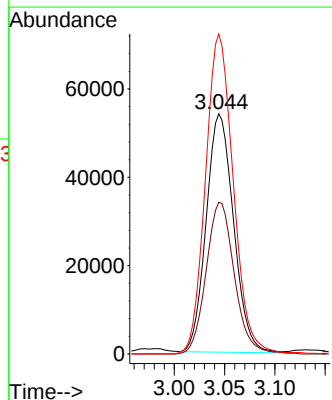
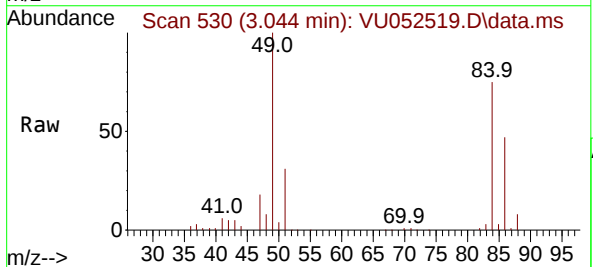
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

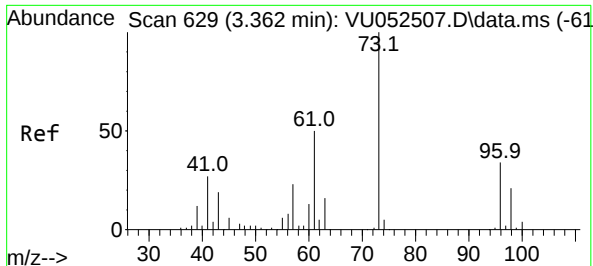
Tgt Ion: 43 Resp: 63235
Ion Ratio Lower Upper
43 100
74 22.0 16.9 25.3



#16
Methylene chloride
Concen: 4.374 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 84 Resp: 102260
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 133.2 93.3 173.3





#17

Methyl tert-butyl Ether

Concen: 5.708 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

GBQA0MS

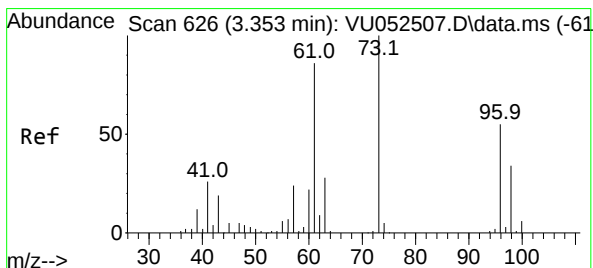
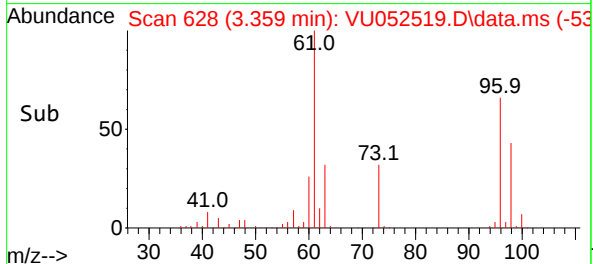
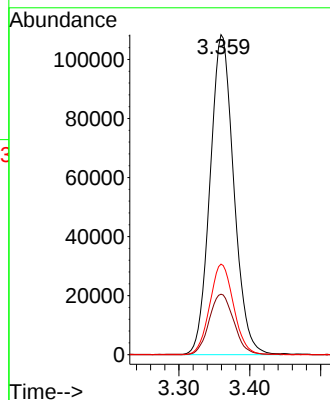
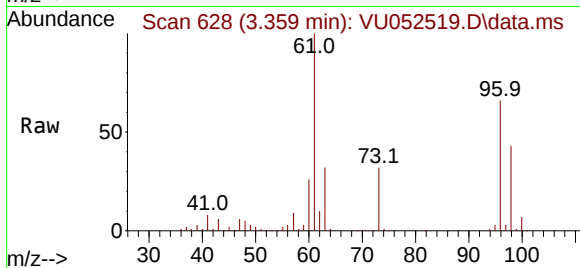
Tgt Ion: 73 Resp: 252205

Ion Ratio Lower Upper

73 100

43 19.7 16.1 24.1

57 28.5 19.2 28.8



#18

trans-1,2-Dichloroethene

Concen: 30.700 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

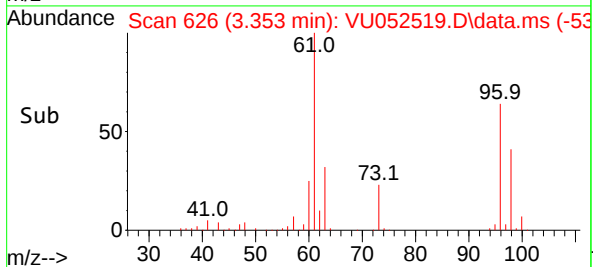
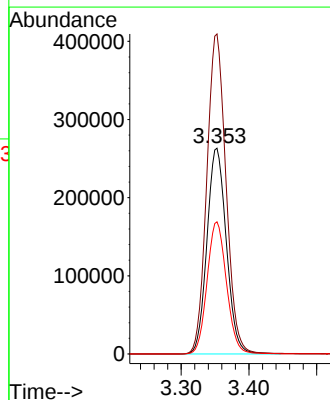
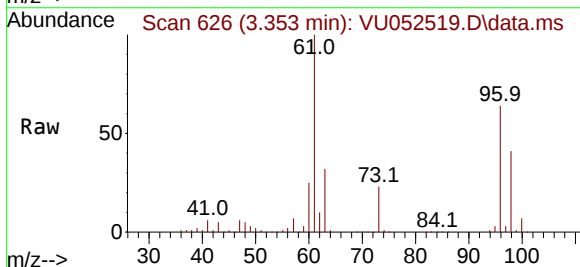
Tgt Ion: 96 Resp: 523672

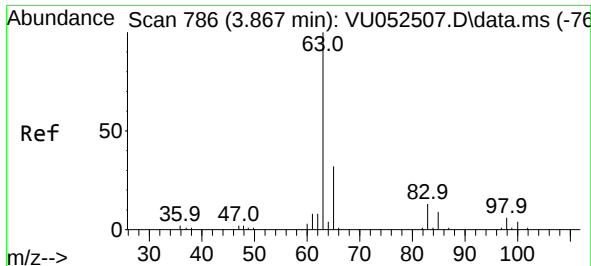
Ion Ratio Lower Upper

96 100

61 155.6 108.3 201.1

98 64.3 44.0 81.6





#19

1,1-Dichloroethane

Concen: 4.825 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

GBQA0MS

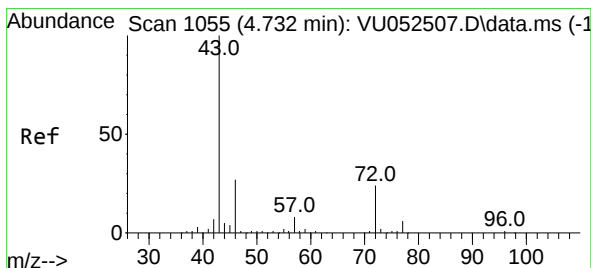
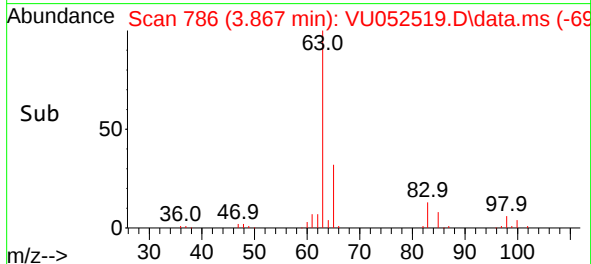
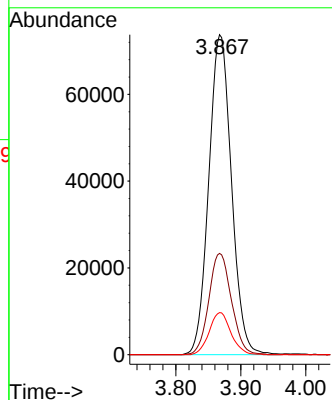
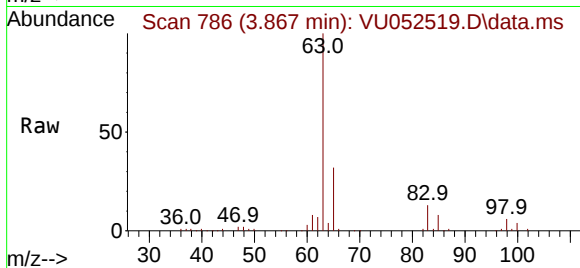
Tgt Ion: 63 Resp: 178976

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.2 9.0 16.8



#21

2-Butanone

Concen: 55.970 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.016 min

Lab File: VU052519.D

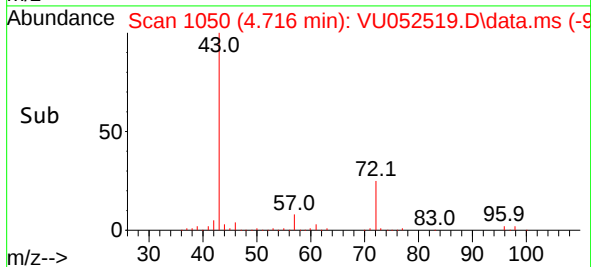
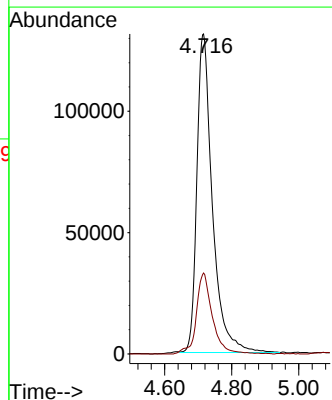
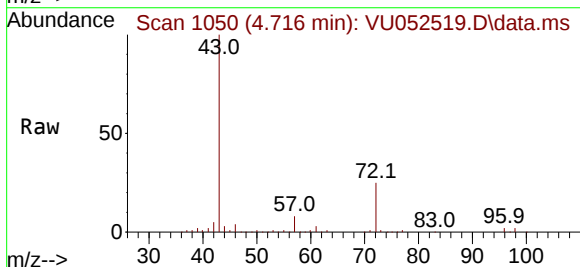
Acq: 23 Dec 2022 02:23

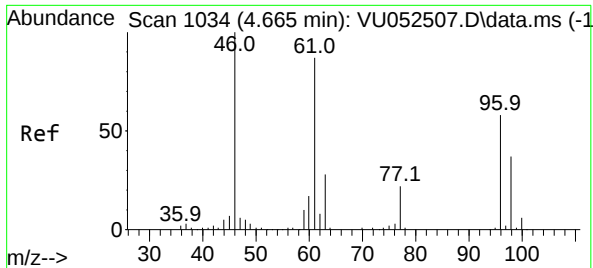
Tgt Ion: 43 Resp: 421904

Ion Ratio Lower Upper

43 100

72 26.0 11.6 34.7

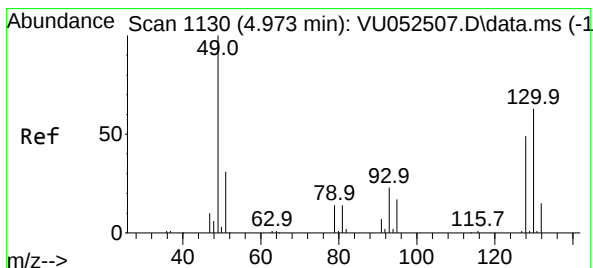
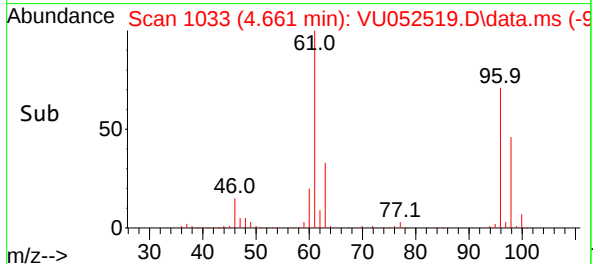
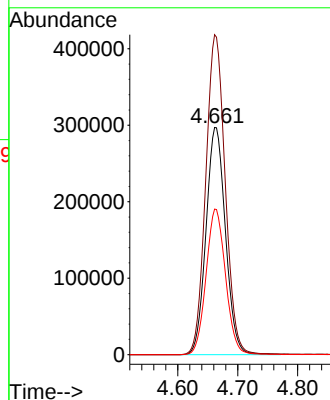
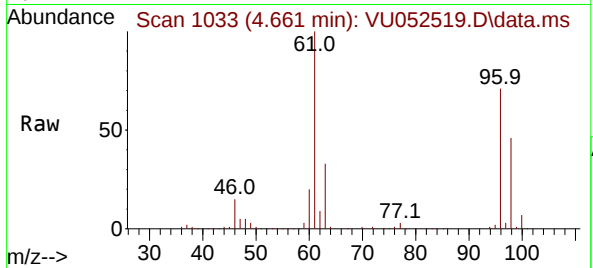




#22
cis-1,2-Dichloroethene
Concen: 35.909 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

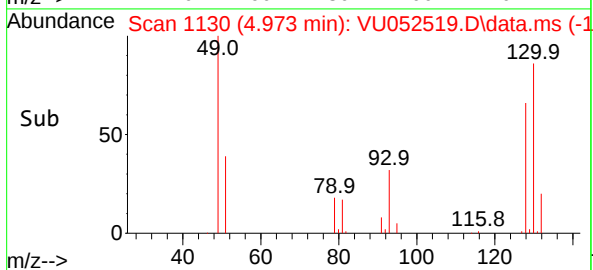
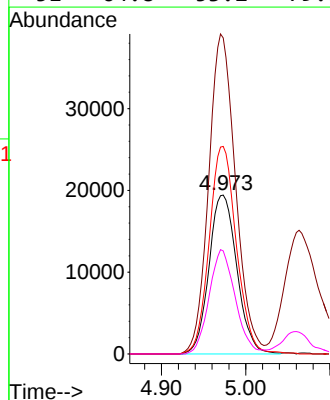
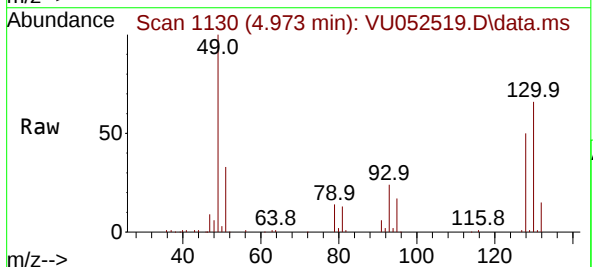
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

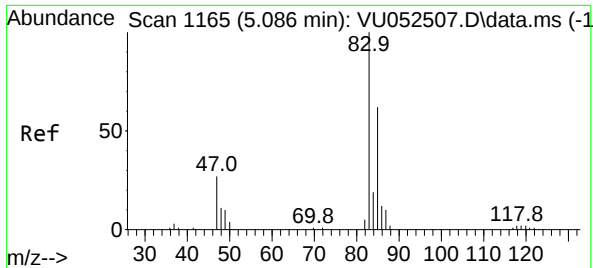
Tgt Ion: 96 Resp: 672218
Ion Ratio Lower Upper
96 100
61 140.8 96.9 180.1
98 64.1 44.7 83.1



#23
Bromochloromethane
Concen: 5.145 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion:128 Resp: 44638
Ion Ratio Lower Upper
128 100
49 198.8 143.3 266.1
130 130.6 88.4 164.2
51 64.8 53.2 79.8

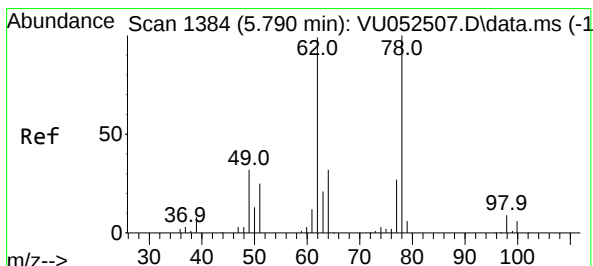
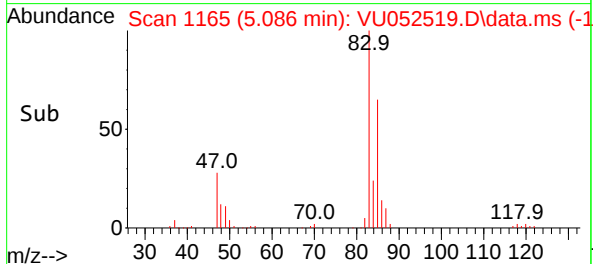
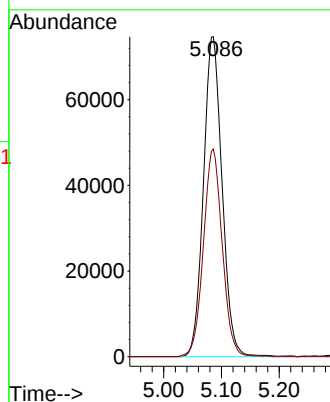
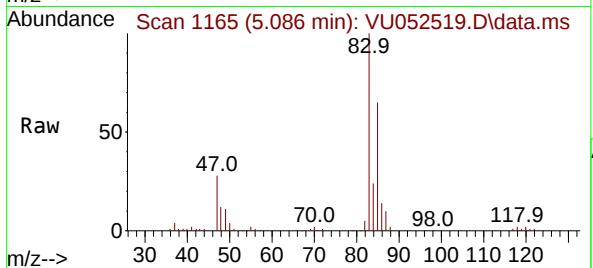




#25
Chloroform
Concen: 4.655 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

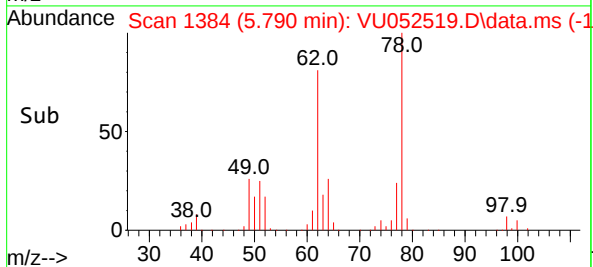
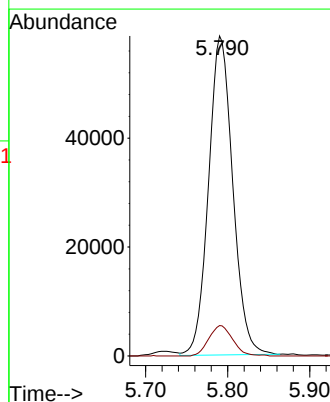
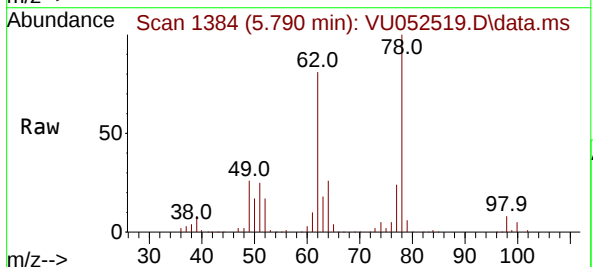
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

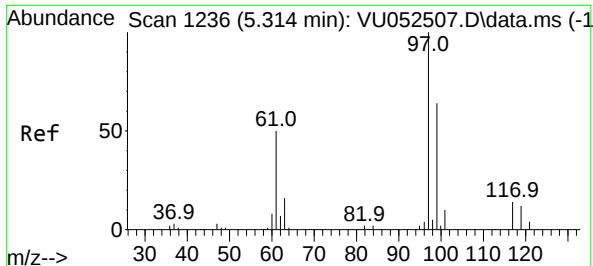
Tgt Ion: 83 Resp: 167325
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.840 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 62 Resp: 120198
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.019 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

GBQA0MS

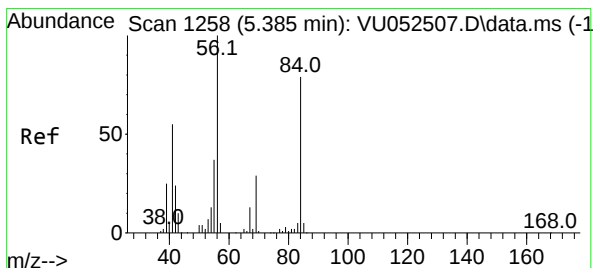
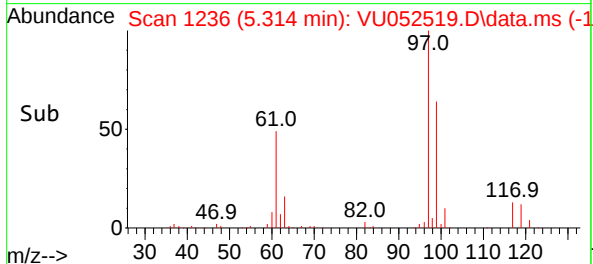
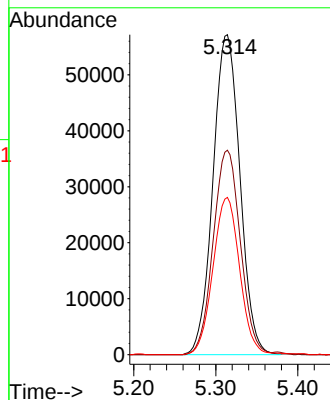
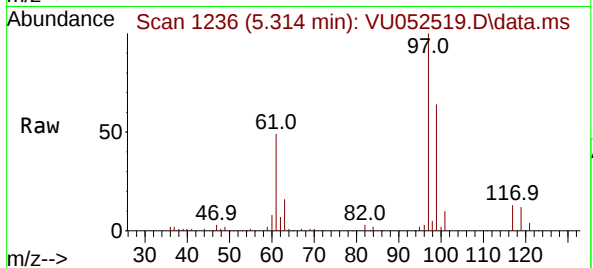
Tgt Ion: 97 Resp: 130850

Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.2

61 48.9 41.6 62.4



#30

Cyclohexane

Concen: 5.877 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

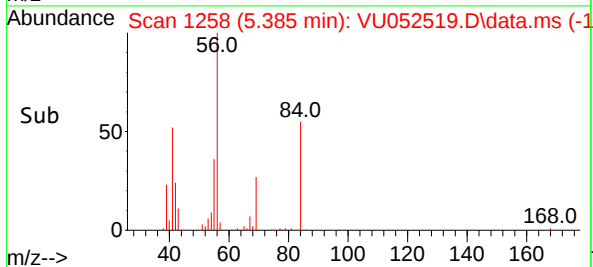
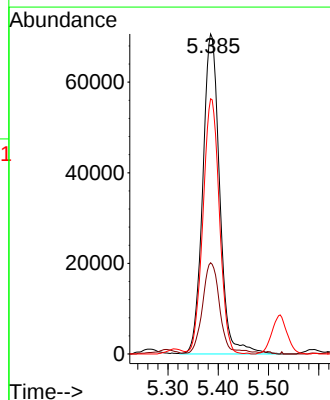
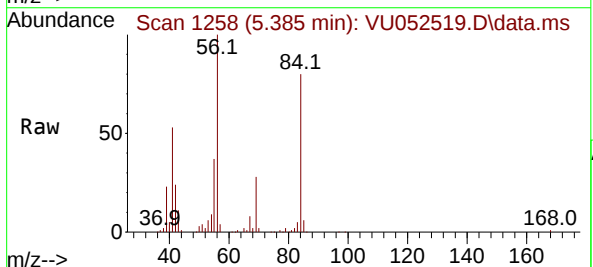
Tgt Ion: 56 Resp: 165555

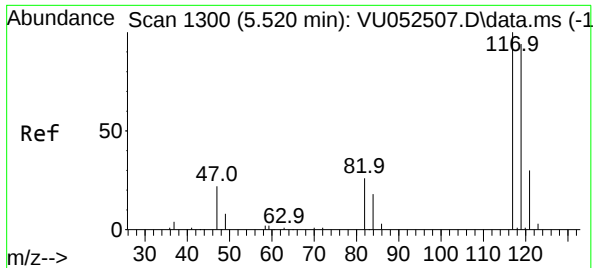
Ion Ratio Lower Upper

56 100

69 28.3 23.0 34.6

84 76.9 64.4 96.6

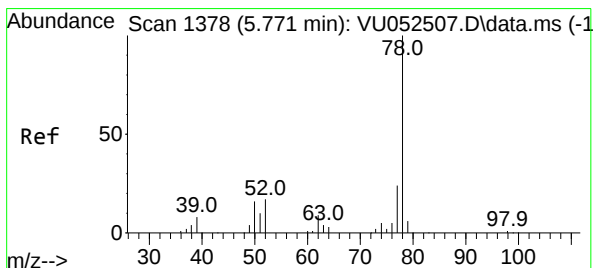
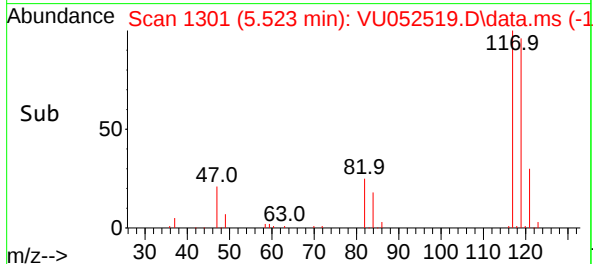
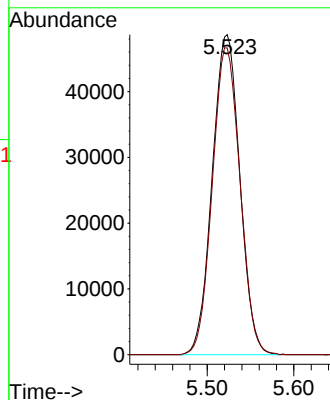
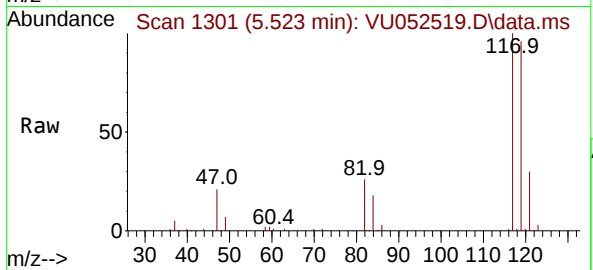




#31
Carbon tetrachloride
Concen: 4.706 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

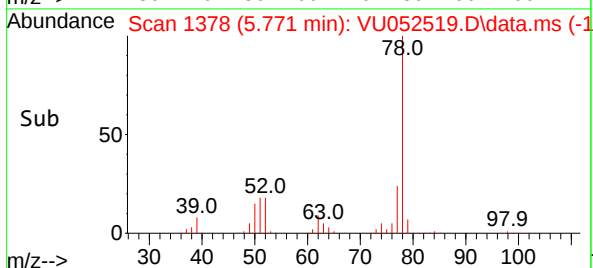
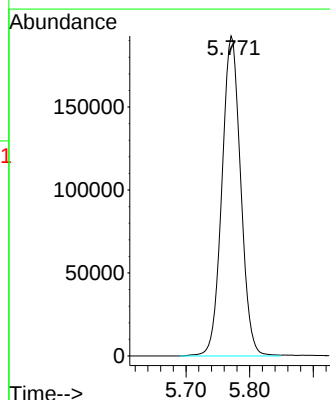
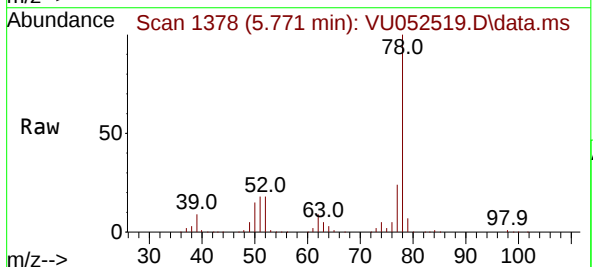
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

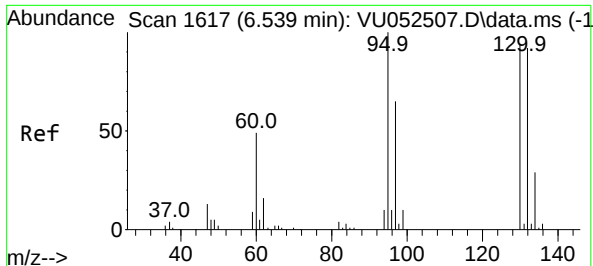
Tgt Ion:117 Resp: 107809
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5



#33
Benzene
Concen: 5.302 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 78 Resp: 395534

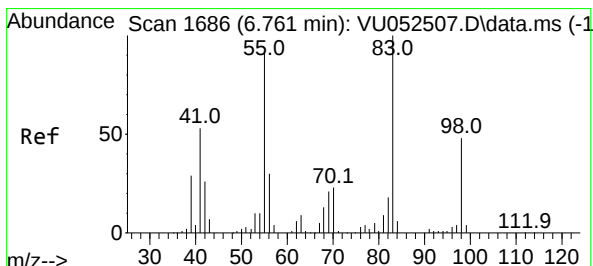
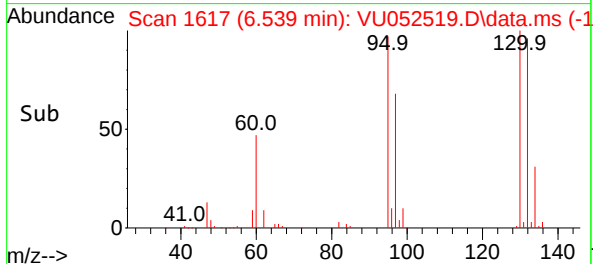
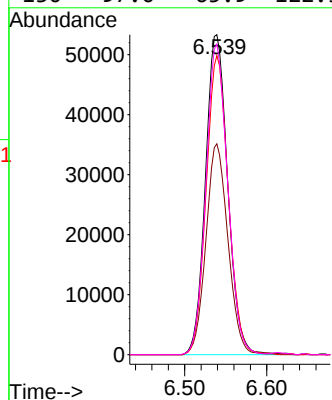
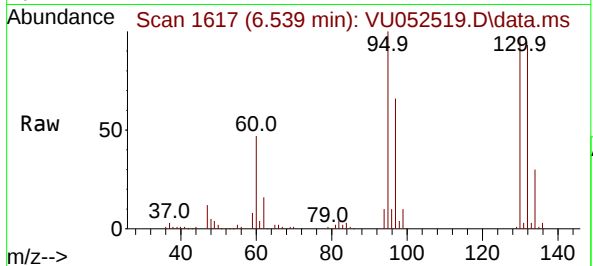




#34
Trichloroethene
Concen: 5.759 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

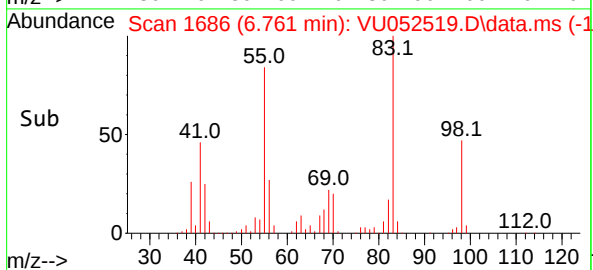
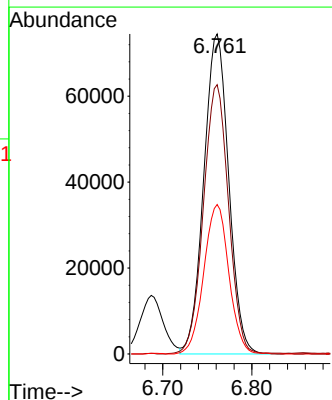
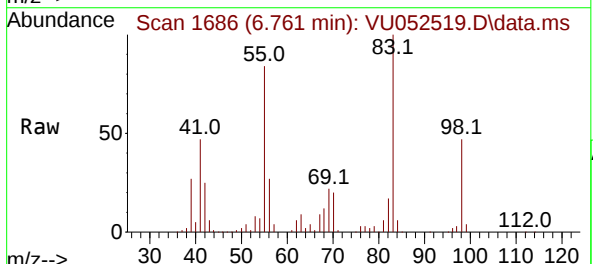
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

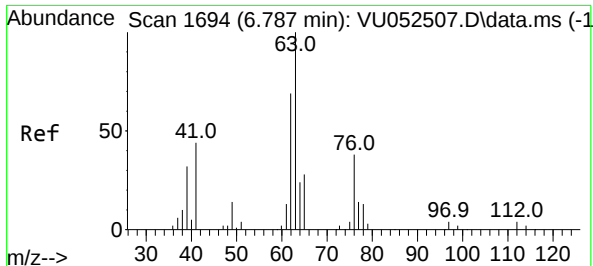
Tgt Ion: 95 Resp: 100439
Ion Ratio Lower Upper
95 100
97 65.9 46.3 86.1
132 93.4 63.9 118.7
130 97.0 65.9 122.5



#35
Methylcyclohexane
Concen: 5.511 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 83 Resp: 144939
Ion Ratio Lower Upper
83 100
55 84.9 71.4 107.0
98 46.9 36.5 54.7





#37

1,2-Dichloropropane

Concen: 5.119 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

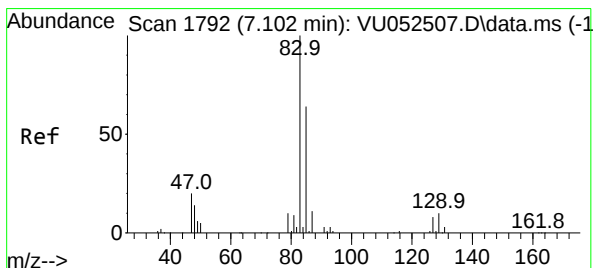
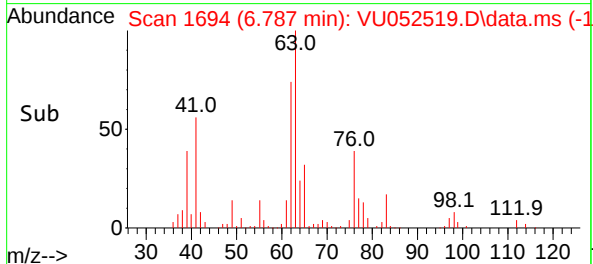
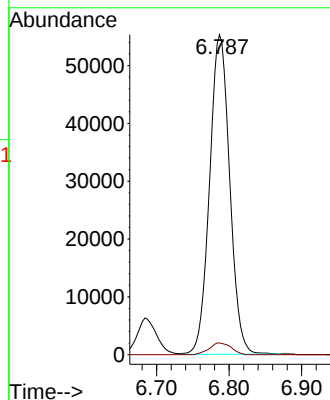
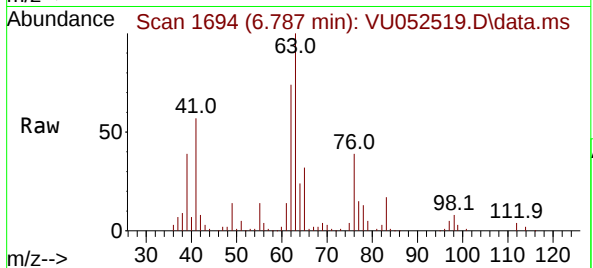
GBQA0MS

Tgt Ion: 63 Resp: 106574

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 4.919 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

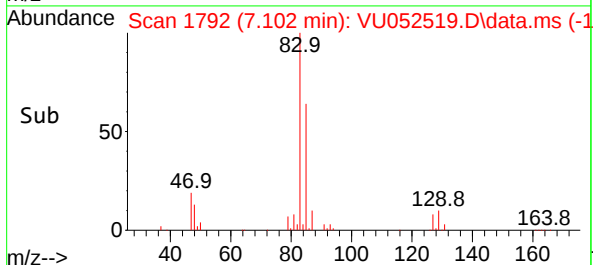
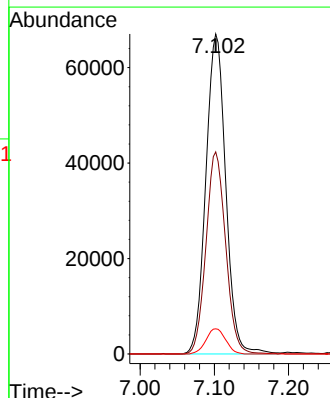
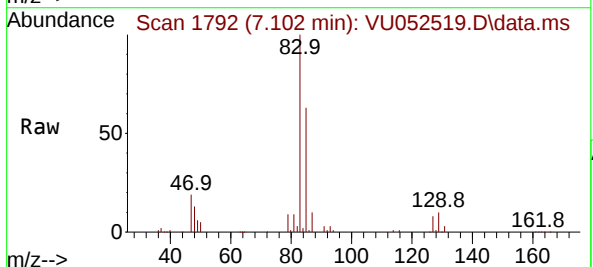
Tgt Ion: 83 Resp: 124640

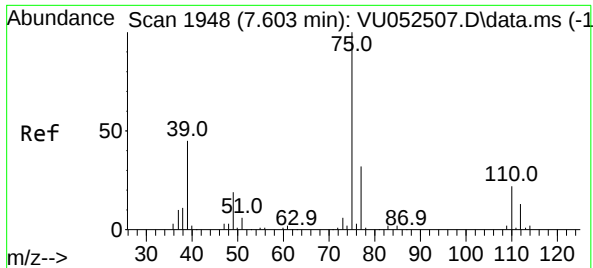
Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 5.416 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

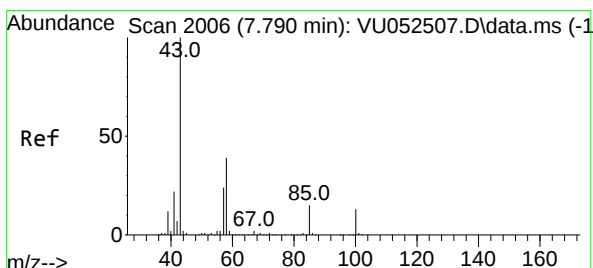
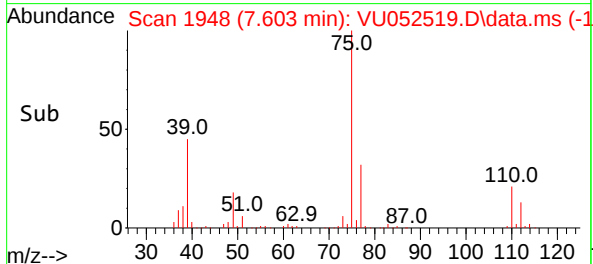
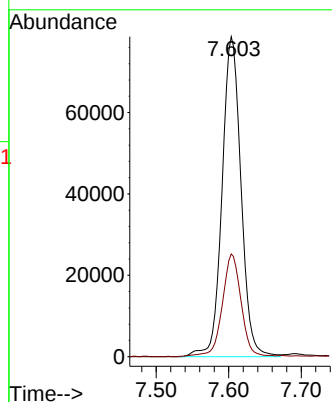
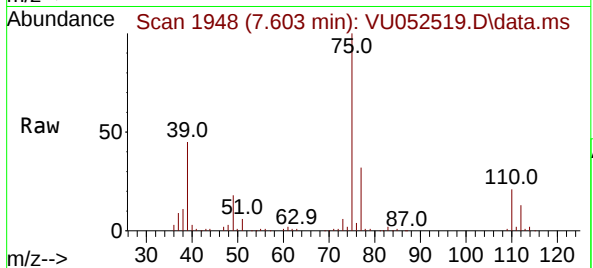
GBQA0MS

Tgt Ion: 75 Resp: 142799

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 61.283 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

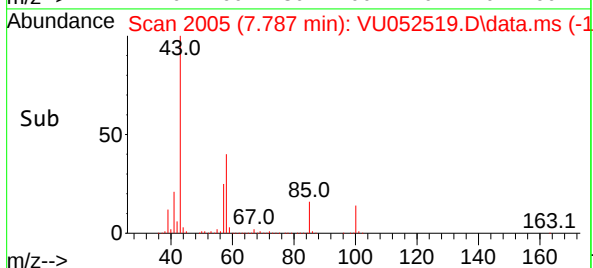
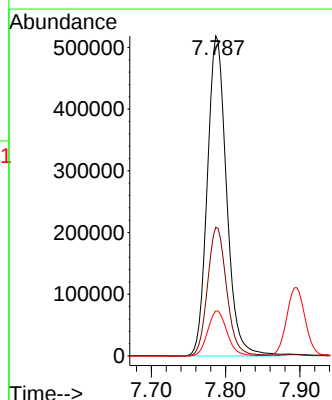
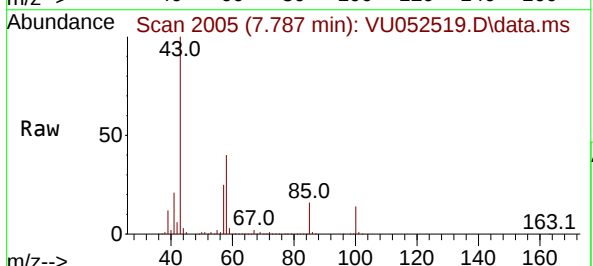
Tgt Ion: 43 Resp: 932305

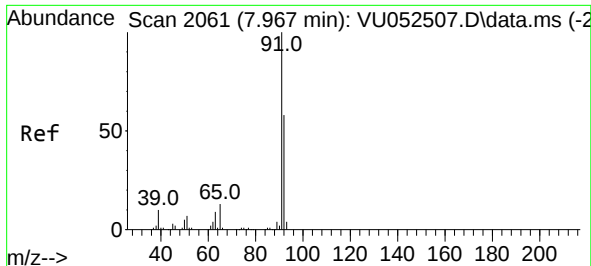
Ion Ratio Lower Upper

43 100

58 40.2 30.6 45.8

100 14.1 10.4 15.6





#42

Toluene

Concen: 5.530 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

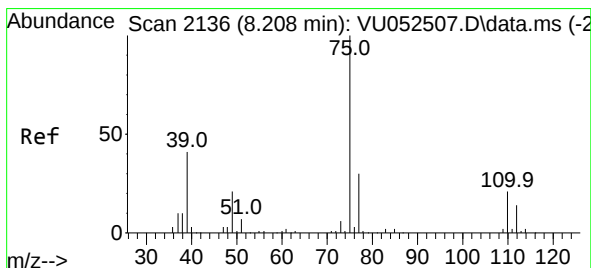
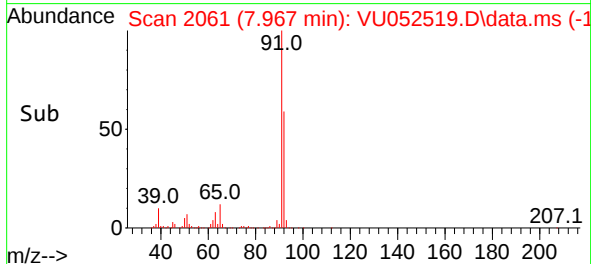
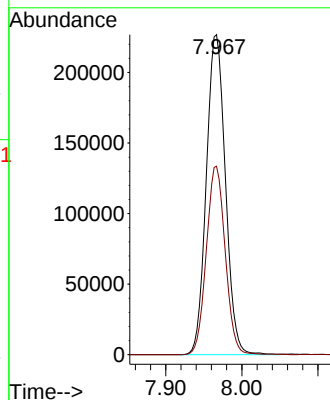
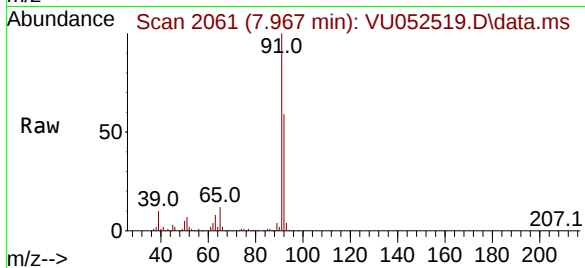
GBQA0MS

Tgt Ion: 91 Resp: 395566

Ion Ratio Lower Upper

91 100

92 58.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.461 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052519.D

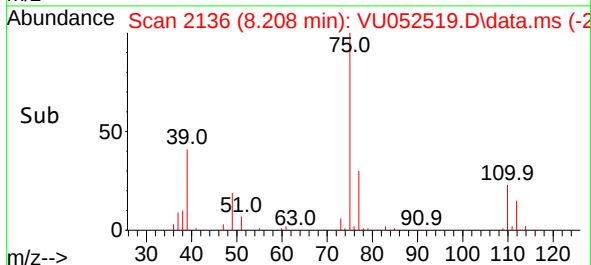
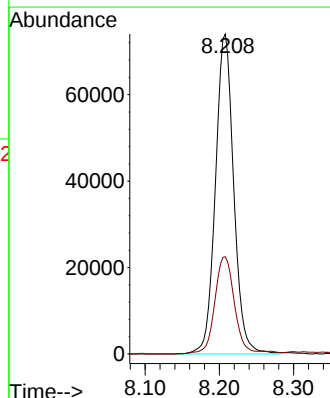
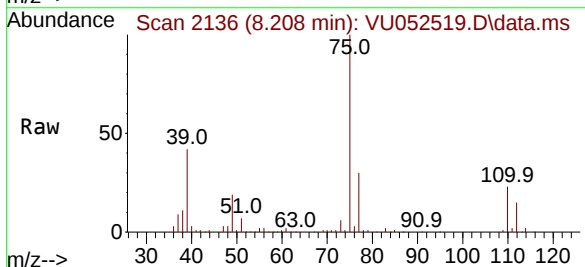
Acq: 23 Dec 2022 02:23

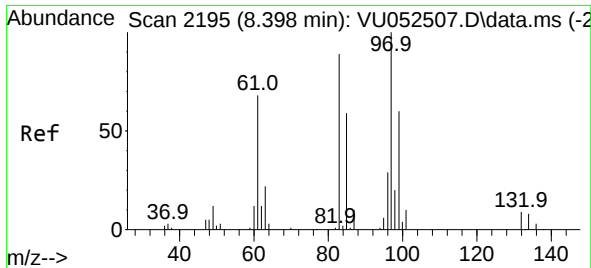
Tgt Ion: 75 Resp: 126889

Ion Ratio Lower Upper

75 100

77 30.3 22.8 42.4

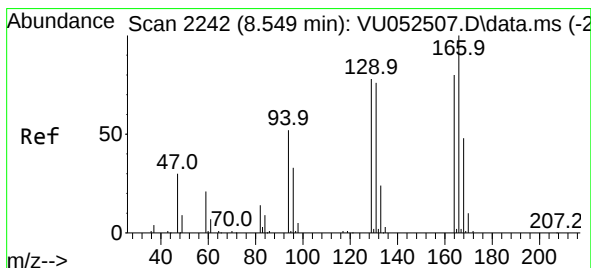
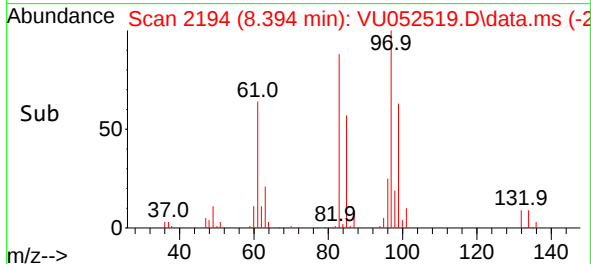
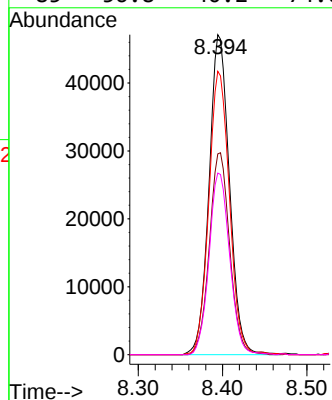
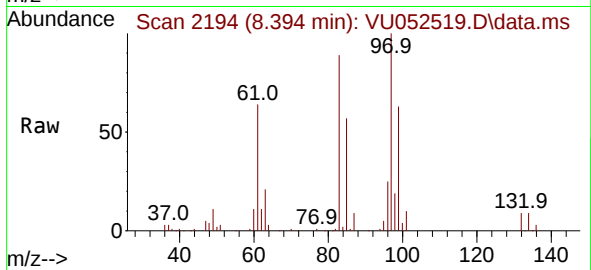




#45
1,1,2-Trichloroethane
Concen: 5.385 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

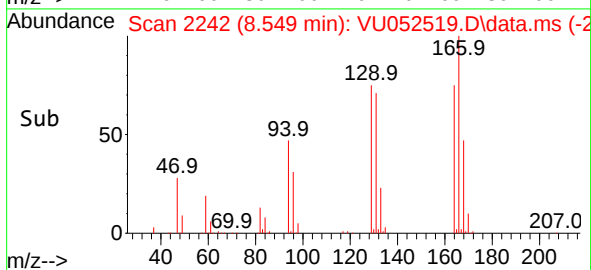
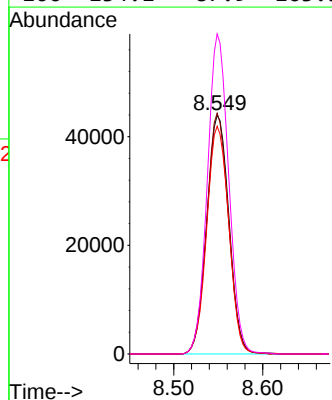
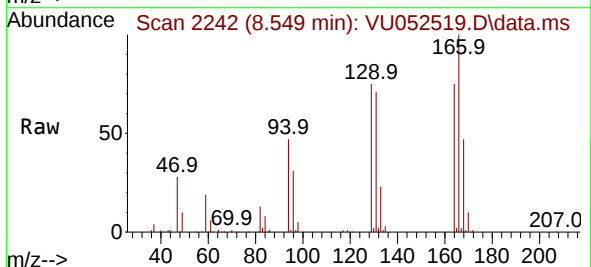
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

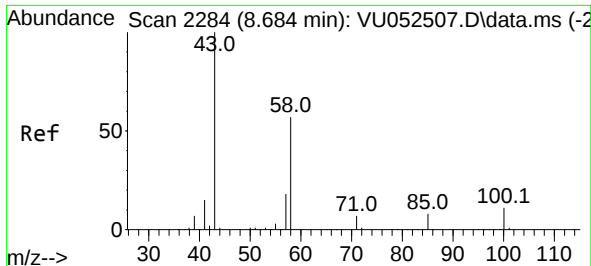
Tgt Ion:	97	Resp:	79399
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.0	78.0
83	88.5	63.2	117.4
85	56.8	40.2	74.6



#47
Tetrachloroethene
Concen: 6.245 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion:	164	Resp:	76028
Ion	Ratio	Lower	Upper
164	100		
129	100.9	68.1	126.5
131	95.4	66.5	123.5
166	134.1	87.9	163.3

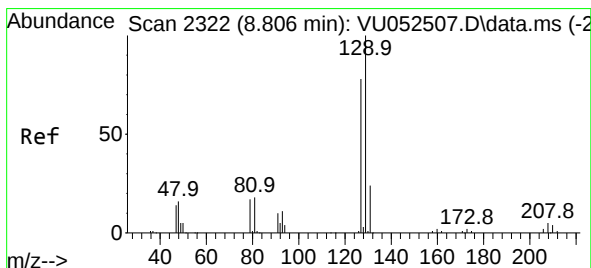
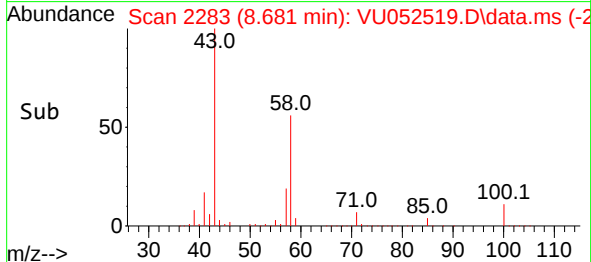
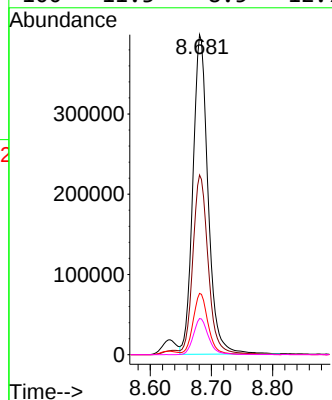
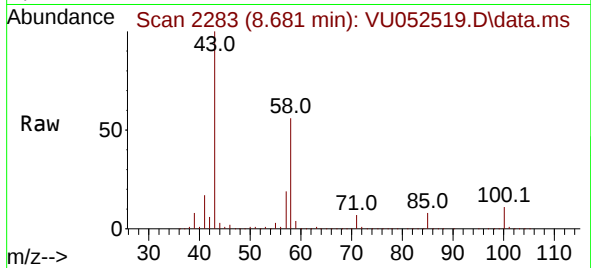




#48
2-Hexanone
Concen: 59.874 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

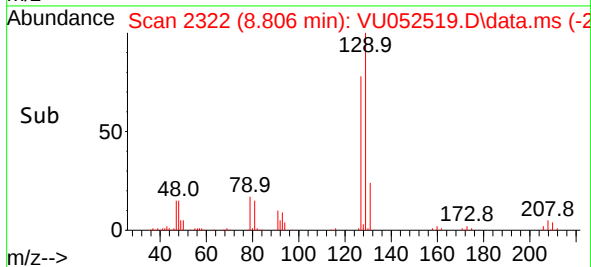
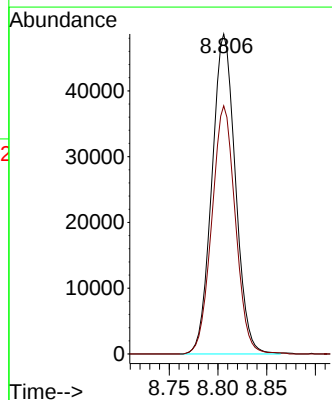
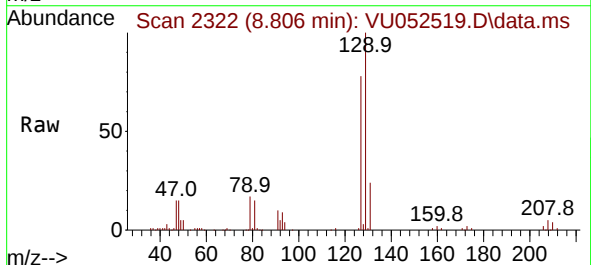
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

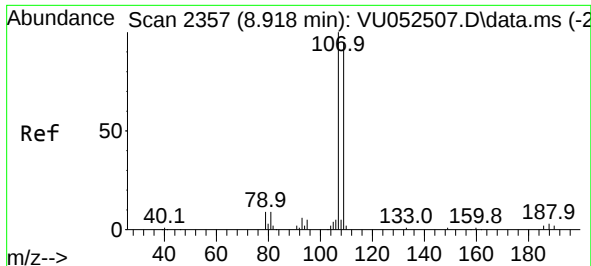
Tgt Ion: 43 Resp: 686596
Ion Ratio Lower Upper
43 100
58 56.5 44.1 66.1
57 18.5 14.6 21.8
100 11.3 8.5 12.7



#49
Dibromochloromethane
Concen: 5.223 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 129 Resp: 81555
Ion Ratio Lower Upper
129 100
127 77.6 54.2 100.6





#50

1,2-Dibromoethane

Concen: 5.442 ug/L

RT: 8.918 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

GBQA0MS

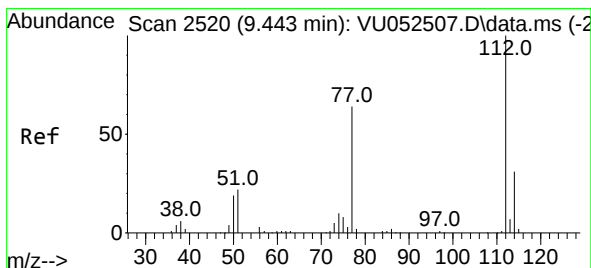
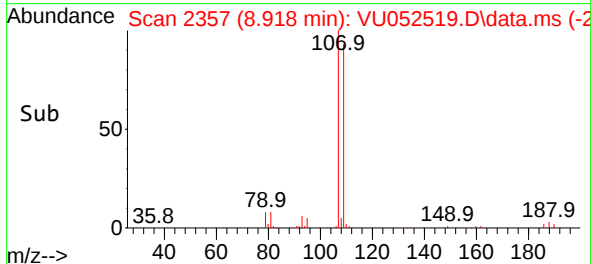
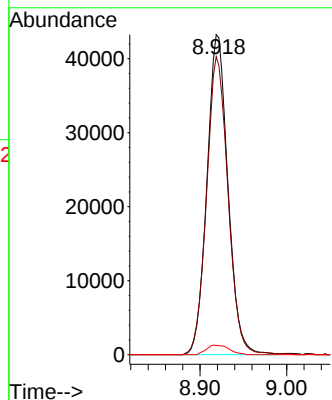
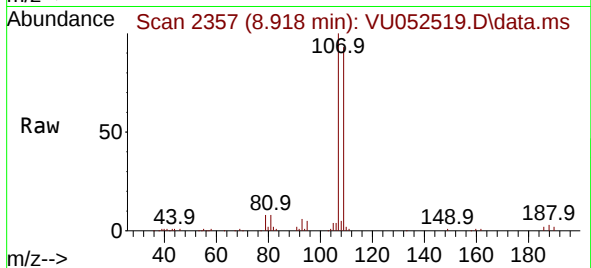
Tgt Ion:107 Resp: 72940

Ion Ratio Lower Upper

107 100

109 93.1 65.8 122.2

188 2.9 2.3 3.5



#51

Chlorobenzene

Concen: 5.324 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

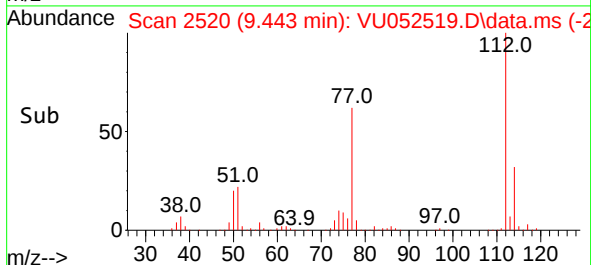
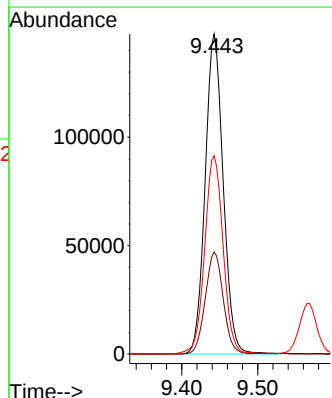
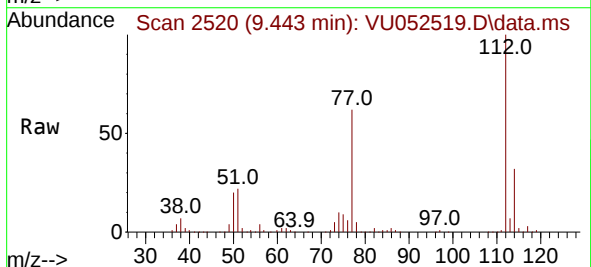
Tgt Ion:112 Resp: 243213

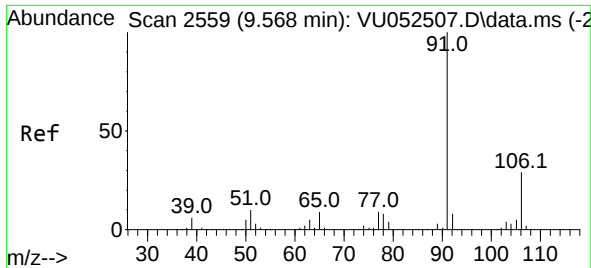
Ion Ratio Lower Upper

112 100

114 31.9 21.3 39.5

77 61.9 51.0 76.6

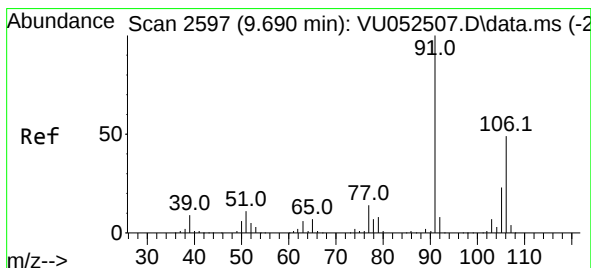
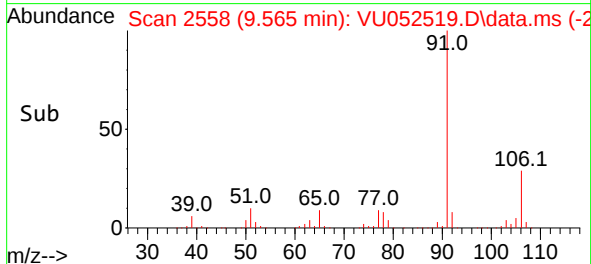
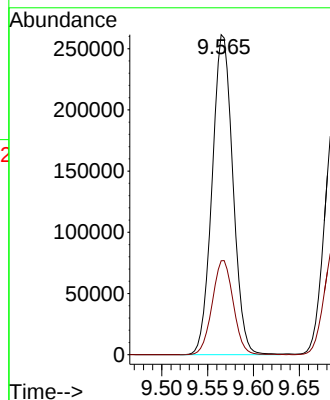
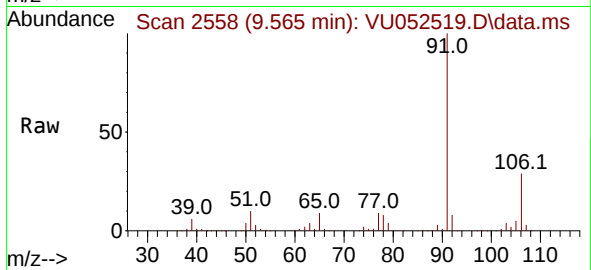




#52
Ethylbenzene
Concen: 5.559 ug/L
RT: 9.565 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

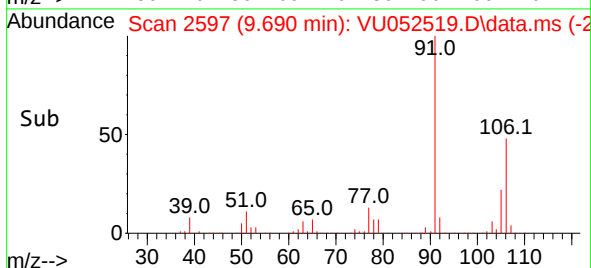
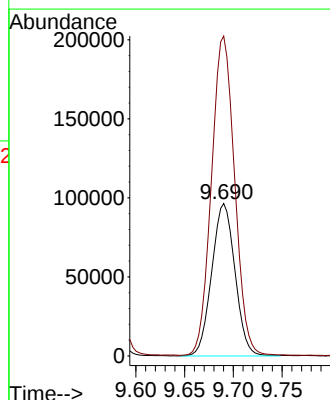
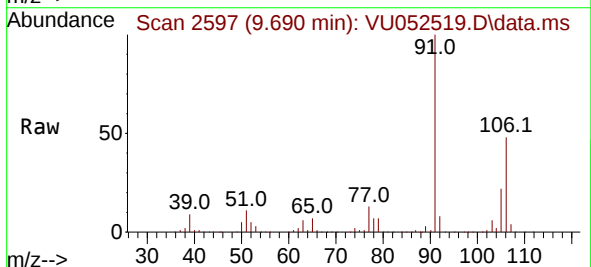
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

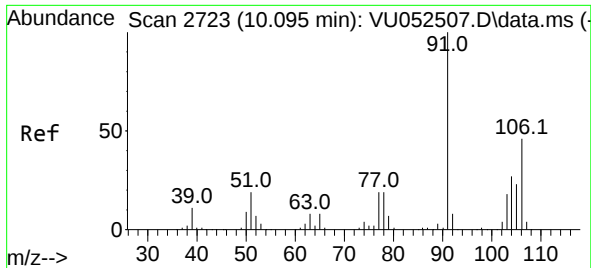
Tgt Ion: 91 Resp: 411514
Ion Ratio Lower Upper
91 100
106 29.3 20.9 38.7



#53
m,p-Xylene
Concen: 5.862 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion:106 Resp: 160021
Ion Ratio Lower Upper
106 100
91 209.8 148.2 275.2

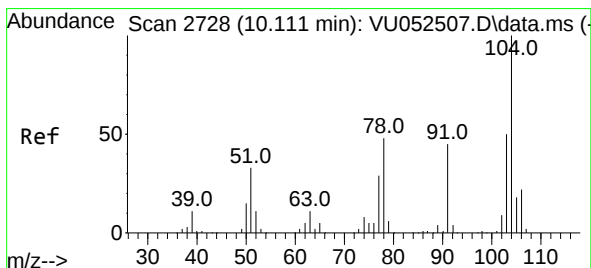
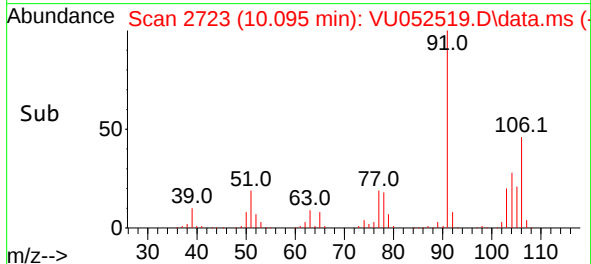
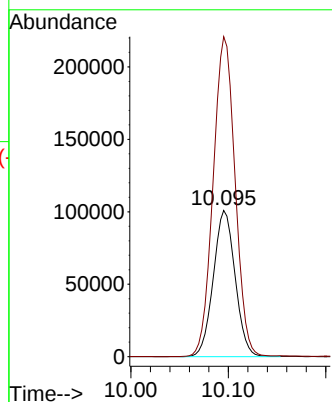
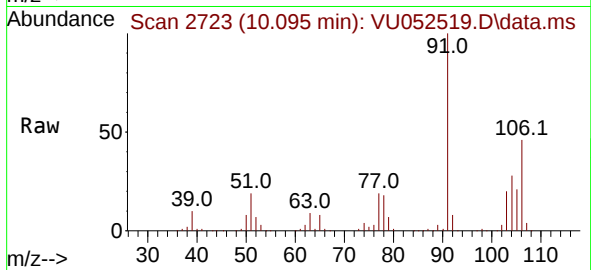




#54
o-Xylene
Concen: 5.995 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

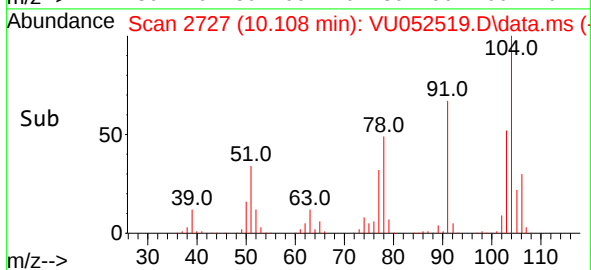
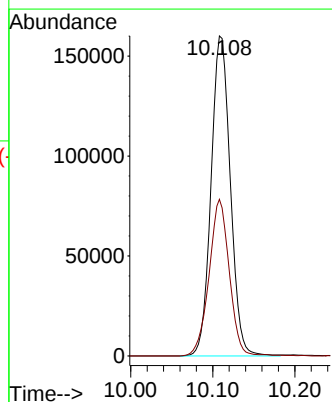
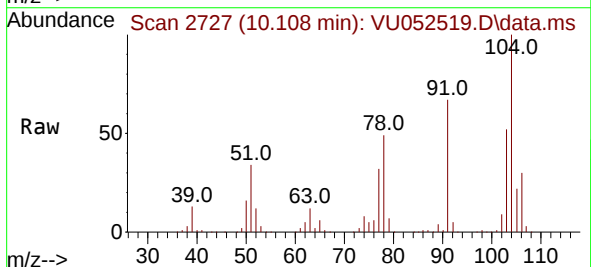
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

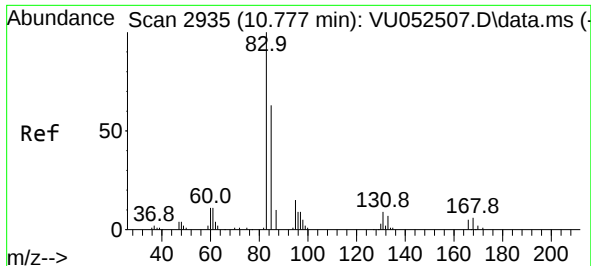
Tgt Ion:106 Resp: 156863
Ion Ratio Lower Upper
106 100
91 218.7 153.2 284.4



#55
Styrene
Concen: 5.752 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion:104 Resp: 261827
Ion Ratio Lower Upper
104 100
78 49.0 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.452 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

GBQA0MS

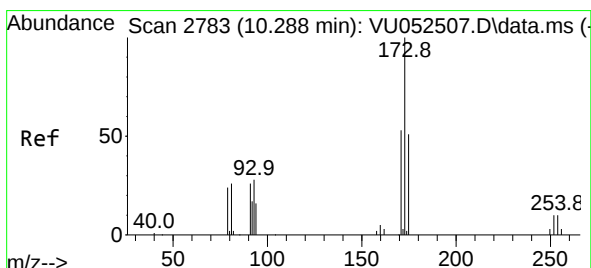
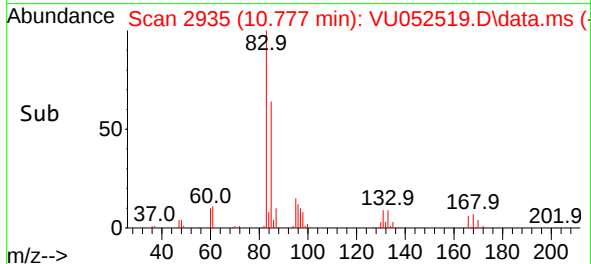
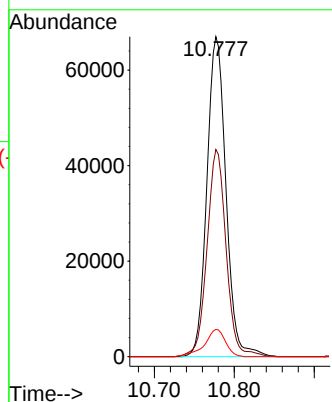
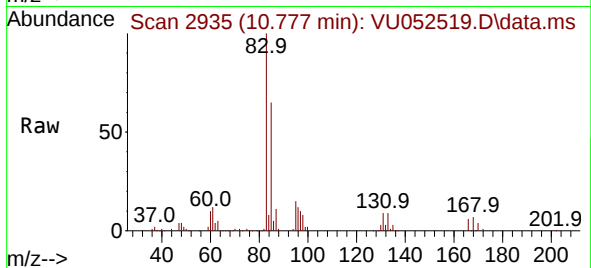
Tgt Ion: 83 Resp: 111119

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1

131 8.5 6.0 9.0



#59

Bromoform

Concen: 5.031 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

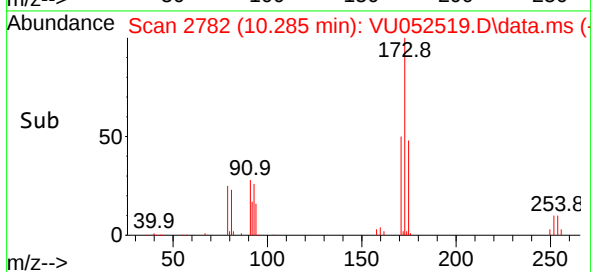
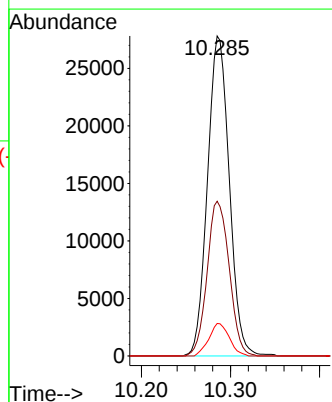
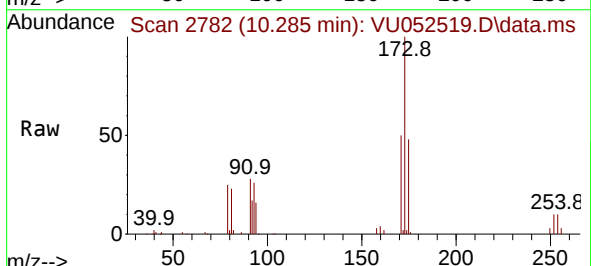
Tgt Ion: 173 Resp: 47185

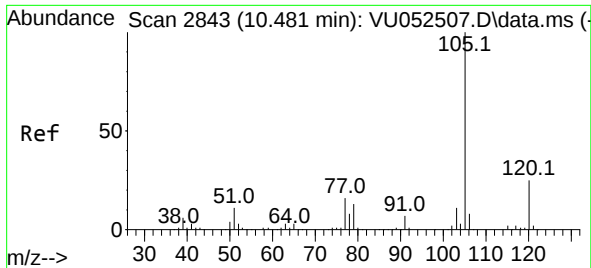
Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

254 9.5 7.0 10.6

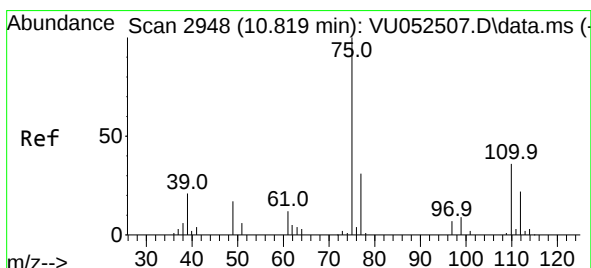
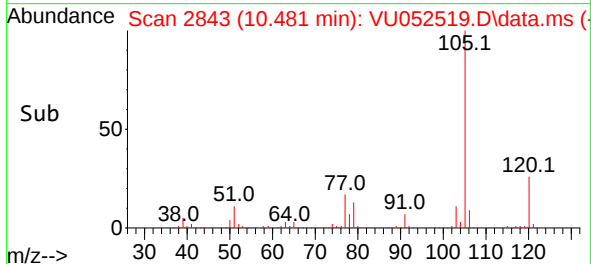
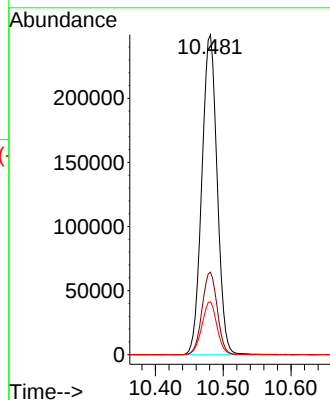
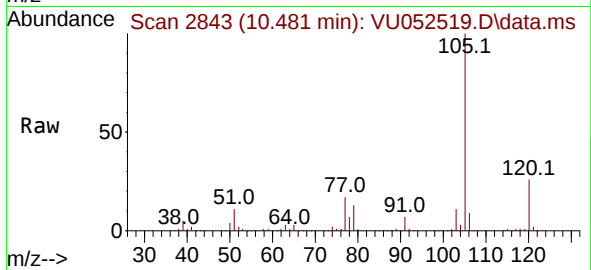




#60
Isopropylbenzene
Concen: 5.654 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

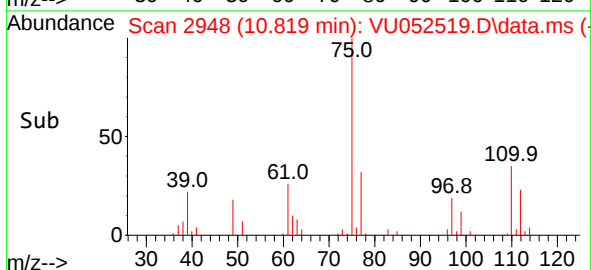
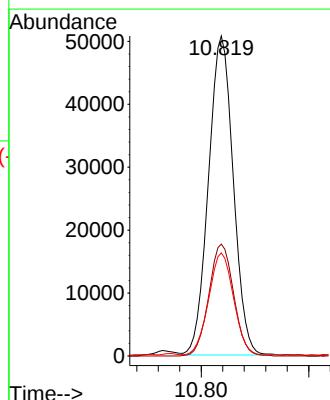
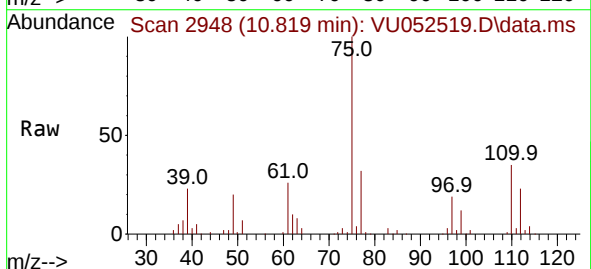
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

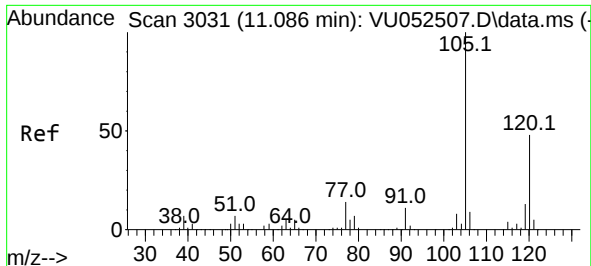
Tgt Ion:105 Resp: 391165
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.306 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 75 Resp: 81224
Ion Ratio Lower Upper
75 100
110 35.1 27.9 41.9
77 32.2 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.706 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

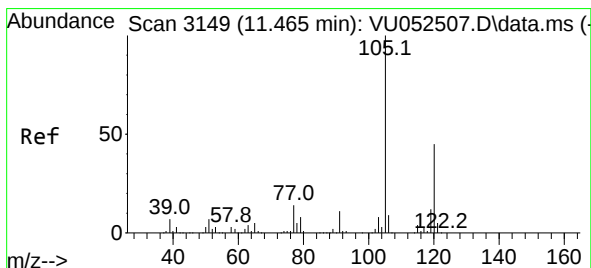
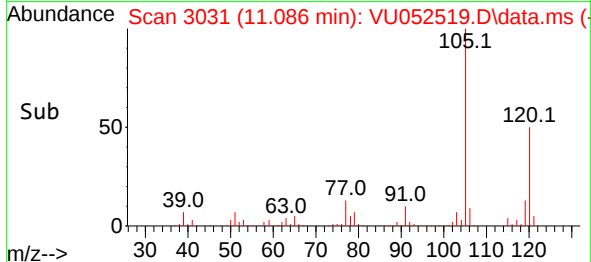
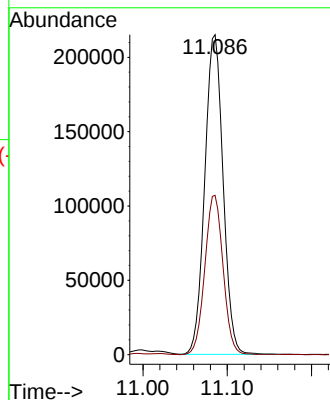
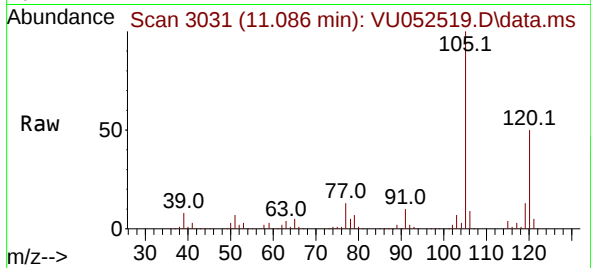
GBQA0MS

Tgt Ion:105 Resp: 325583

Ion Ratio Lower Upper

105 100

120 49.7 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.854 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052519.D

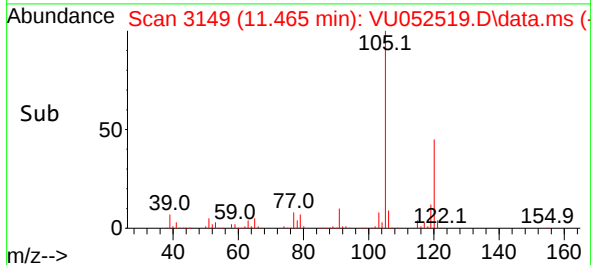
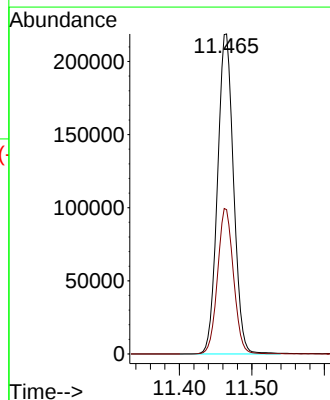
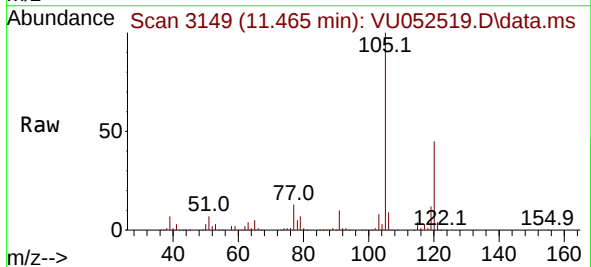
Acq: 23 Dec 2022 02:23

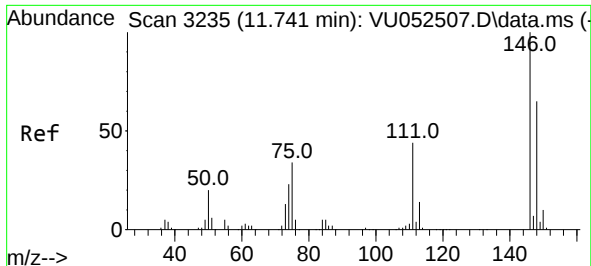
Tgt Ion:105 Resp: 336256

Ion Ratio Lower Upper

105 100

120 45.1 35.6 53.4

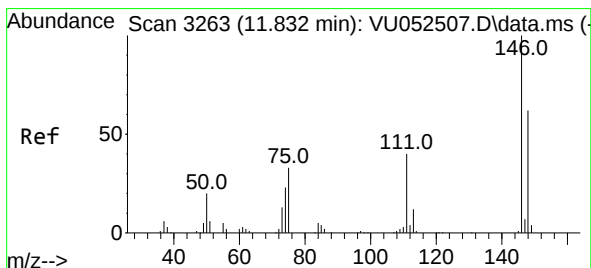
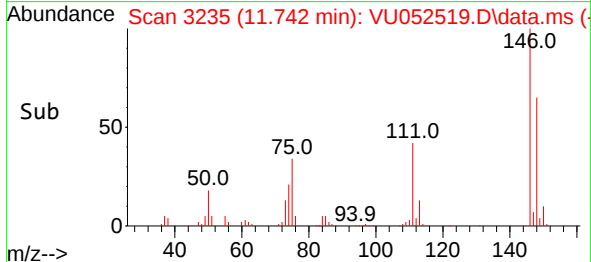
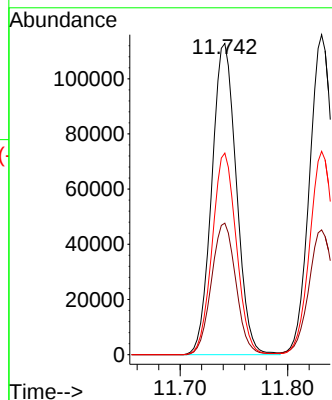
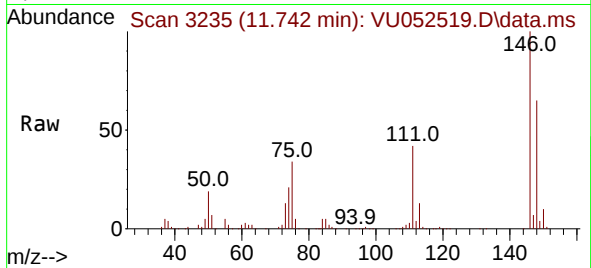




#64
1,3-Dichlorobenzene
Concen: 5.221 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

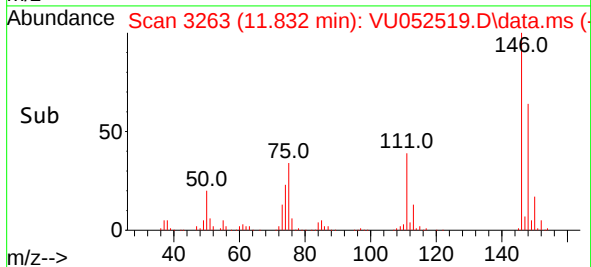
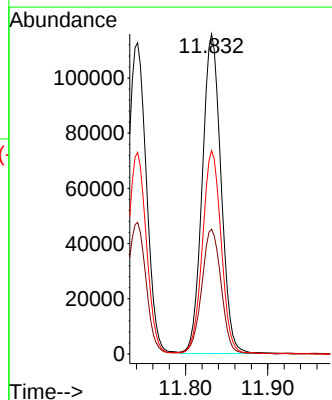
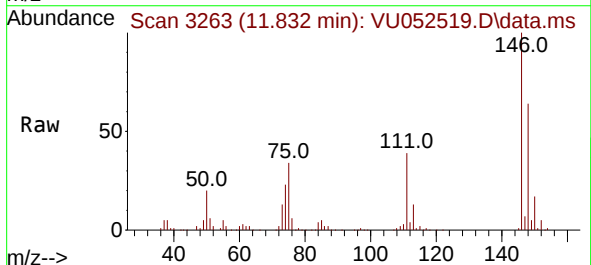
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

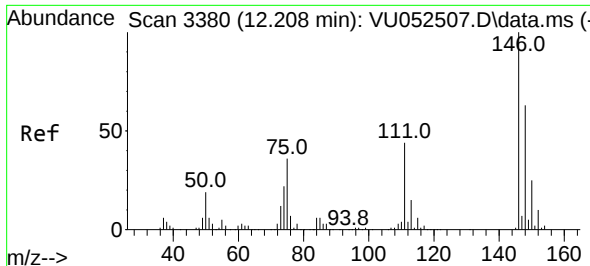
Tgt Ion:146 Resp: 179213
Ion Ratio Lower Upper
146 100
111 42.3 29.9 55.5
148 64.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 5.176 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion:146 Resp: 183734
Ion Ratio Lower Upper
146 100
111 39.0 27.5 51.1
148 63.5 44.9 83.3

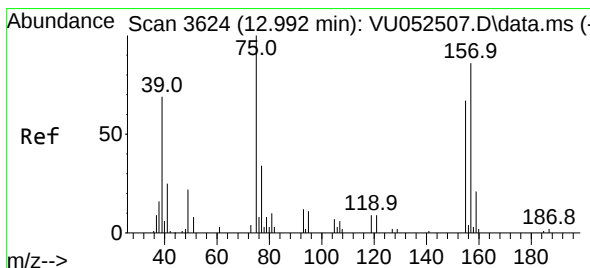
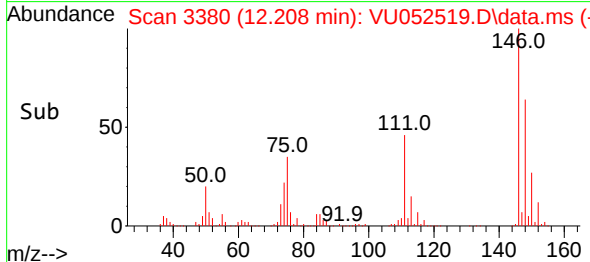
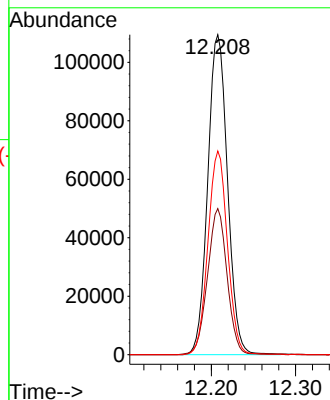
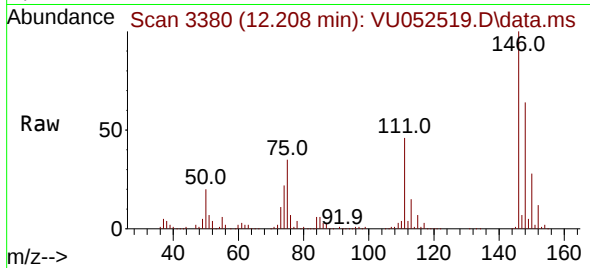




#67
1,2-Dichlorobenzene
Concen: 5.261 ug/L
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

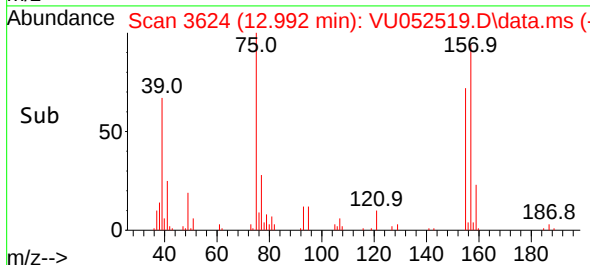
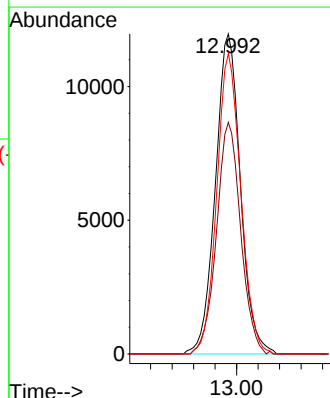
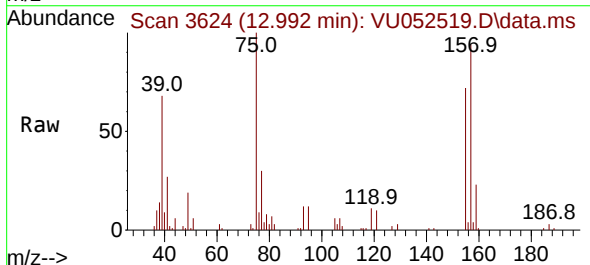
Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

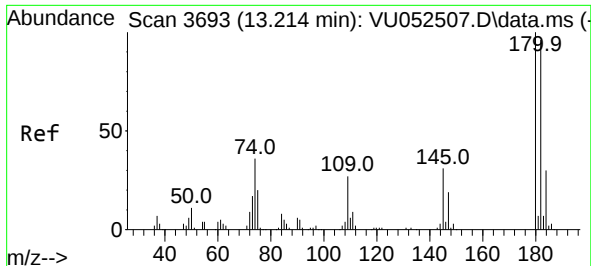
Tgt Ion:146 Resp: 178429
Ion Ratio Lower Upper
146 100
111 45.7 36.6 55.0
148 63.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.564 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion: 75 Resp: 19282
Ion Ratio Lower Upper
75 100
155 72.4 62.2 93.2
157 93.9 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 5.177 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

Instrument :

MSVOA_U

ClientSampleId :

GBQA0MS

Tgt Ion:180 Resp: 130847

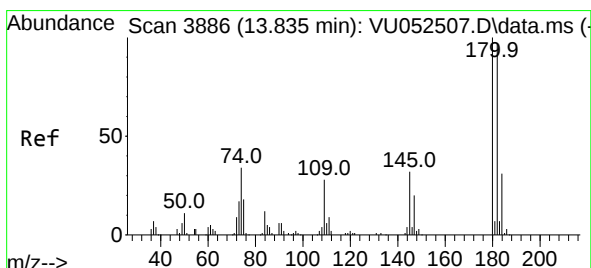
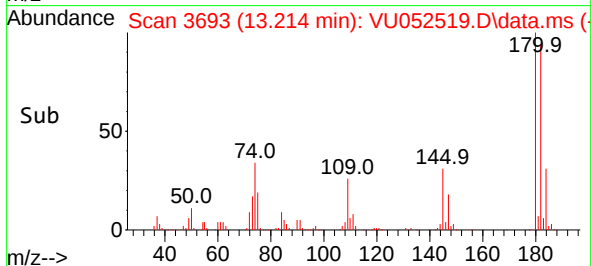
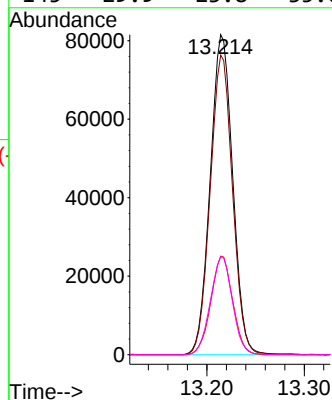
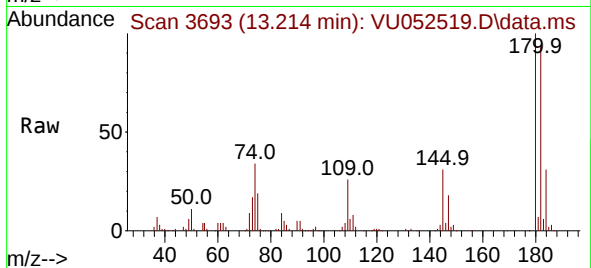
Ion Ratio Lower Upper

180 100

182 92.8 75.8 113.8

184 29.9 23.4 35.0

145 29.9 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 5.434 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052519.D

Acq: 23 Dec 2022 02:23

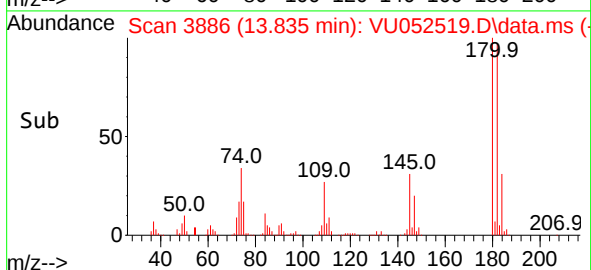
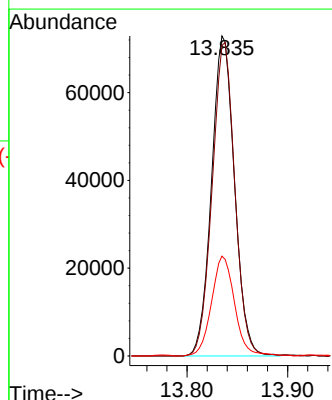
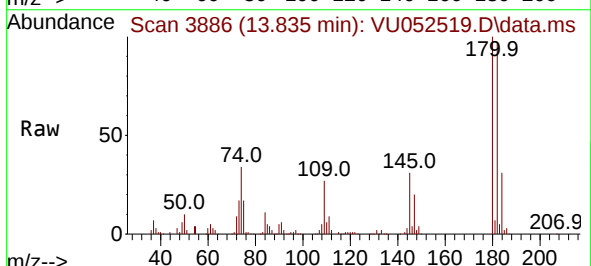
Tgt Ion:180 Resp: 115574

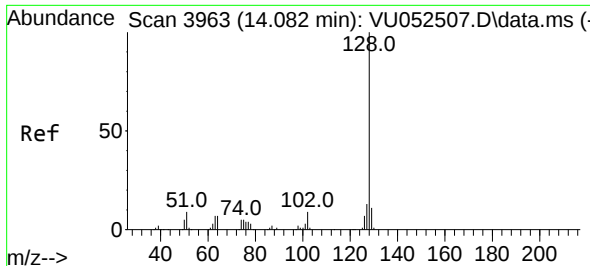
Ion Ratio Lower Upper

180 100

182 96.6 77.7 116.5

145 31.4 24.0 36.0

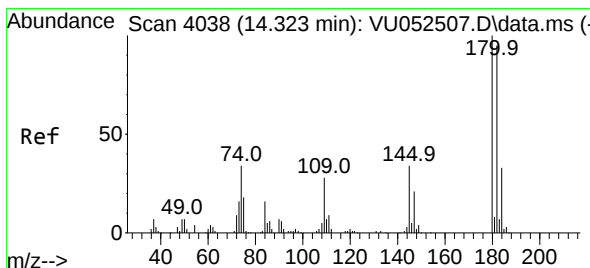
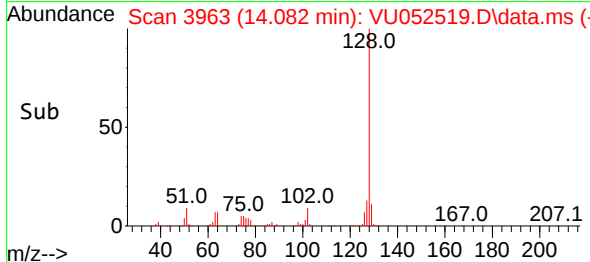
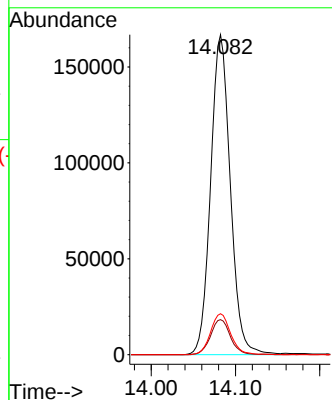
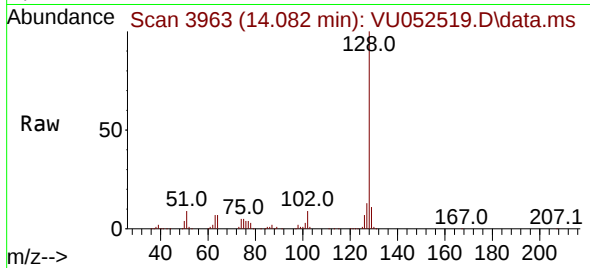




#71
Naphthalene
Concen: 6.293 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Instrument :
MSVOA_U
ClientSampleId :
GBQA0MS

Tgt Ion:128 Resp: 270807
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052519.D
Acq: 23 Dec 2022 02:23

Tgt Ion:180 Resp: 111750
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 33.5 25.8 38.8

