

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052043.D
 Acq On : 22 Nov 2022 15:30
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:48:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	305220	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	300314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108395	3.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.912	69	86870	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.565	65	39644	3.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.636	46	215377	40.022	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.040%
24) Chloroform-d	5.060	84	174608	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.700	65	86546	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.726	84	366901	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.690	67	112665	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.896	98	334793	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.176	79	40214	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.632	63	173966	40.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93767	3.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	112005	3.938	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111648	4.218	ug/L	99
3) Chloromethane	1.523	50	145508	4.212	ug/L	99
5) Vinyl chloride	1.604	62	142691	4.299	ug/L	97
6) Bromomethane	1.858	94	78846	4.629	ug/L	98
8) Chloroethane	1.935	64	83186	4.030	ug/L	97
9) Trichlorofluoromethane	2.137	101	157393	4.310	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96051	4.302	ug/L	99
12) 1,1-Dichloroethene	2.578	96	94253	4.257	ug/L	93
13) Acetone	2.652	43	141631	38.757	ug/L	99
14) Carbon disulfide	2.793	76	311943	4.070	ug/L	100
15) Methyl Acetate	2.957	43	37219	3.927	ug/L	98
16) Methylene chloride	3.044	84	127016	4.240	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	205827	4.152	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102598	4.323	ug/L	95
19) 1,1-Dichloroethane	3.867	63	187897	4.392	ug/L	99
21) 2-Butanone	4.713	43	232870	39.759	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	109381	4.391	ug/L	99
23) Bromochloromethane	4.973	128	50068	4.201	ug/L	93
25) Chloroform	5.086	83	190481	4.394	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

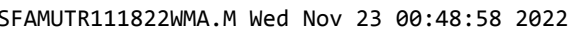
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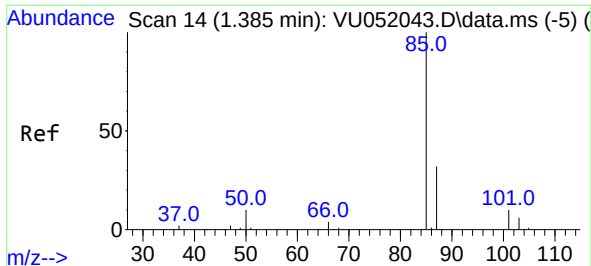
Quant Time: Nov 23 00:48:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110629	4.167	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	145215	4.358	ug/L	98
30) Cyclohexane	5.388	56	144024	4.452	ug/L	98
31) Carbon tetrachloride	5.523	117	120778	4.266	ug/L	99
33) Benzene	5.771	78	444144	4.544	ug/L	100
34) Trichloroethene	6.539	95	105399	4.324	ug/L	98
35) Methylcyclohexane	6.761	83	151695	4.326	ug/L	97
37) 1,2-Dichloropropane	6.790	63	110354	4.361	ug/L	100
38) Bromodichloromethane	7.102	83	130229	4.221	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	136946	4.215	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	555977	42.061	ug/L	100
42) Toluene	7.967	91	466022	4.635	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	118040	4.243	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	80594	4.238	ug/L	99
47) Tetrachloroethene	8.552	164	82043	4.391	ug/L	98
48) 2-Hexanone	8.684	43	411484	42.462	ug/L	99
49) Dibromochloromethane	8.806	129	85815	4.029	ug/L	98
50) 1,2-Dibromoethane	8.922	107	74045	4.275	ug/L	97
51) Chlorobenzene	9.446	112	282319	4.405	ug/L	99
52) Ethylbenzene	9.568	91	450285	4.607	ug/L	98
53) m,p-Xylene	9.693	106	178871	4.726	ug/L	95
54) o-Xylene	10.098	106	171429	4.726	ug/L	99
55) Styrene	10.111	104	293962	4.798	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	98487	4.147	ug/L	98
59) Bromoform	10.288	173	47618	3.892	ug/L	97
60) Isopropylbenzene	10.481	105	435982	4.672	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	68382	4.022	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	344077	4.612	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	346298	4.677	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211679	4.442	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	205821	4.331	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	196999	4.293	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	12441	3.344	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	142563	4.219	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	104720	4.070	ug/L	100
71) Naphthalene	14.085	128	173358	3.589	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	102970	4.068	ug/L	99

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

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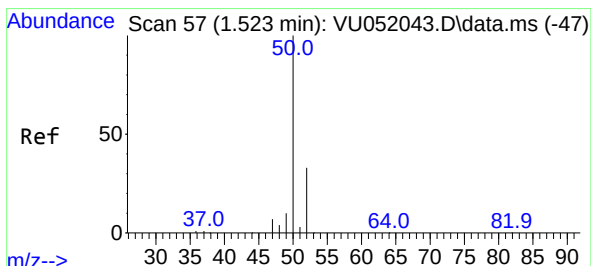
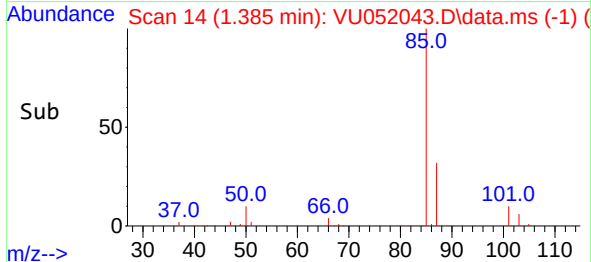
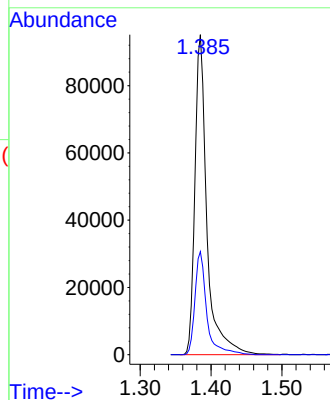
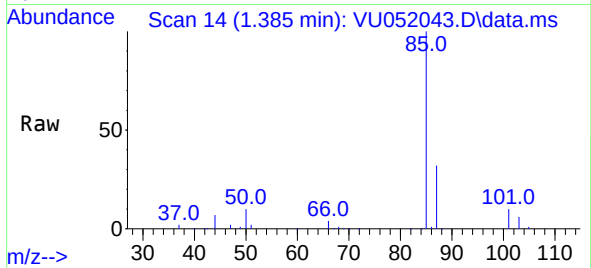




#2
Dichlorodifluoromethane
Concen: 4.218 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

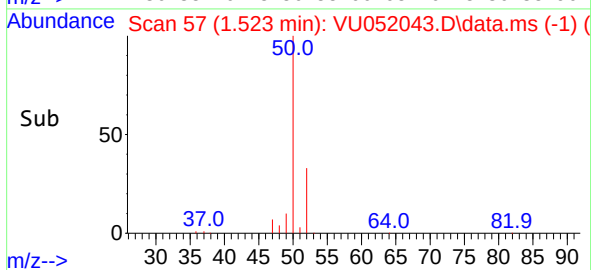
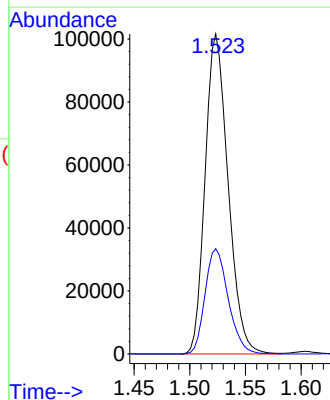
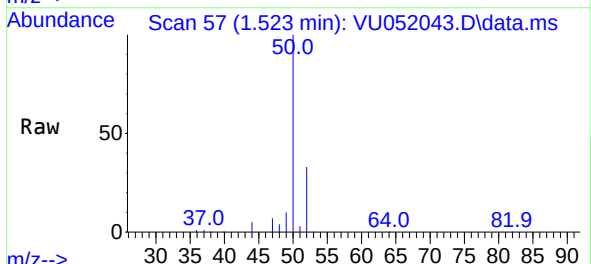
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MSVOA_U
ClientSampleId :

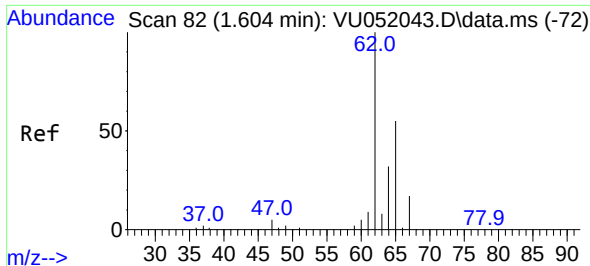
Tgt Ion: 85 Resp: 111648
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.8



#3
Chloromethane
Concen: 4.212 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 50 Resp: 145508
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4

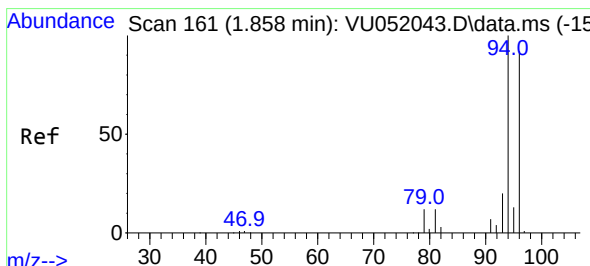
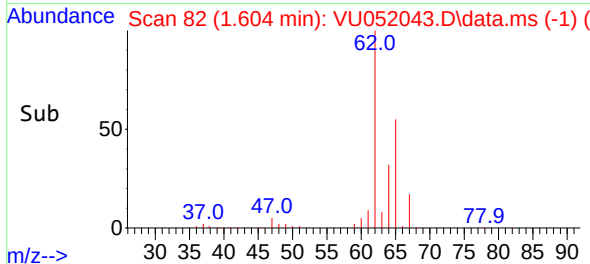
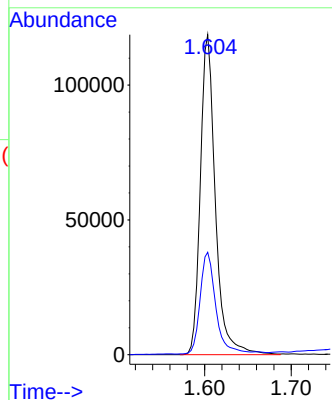
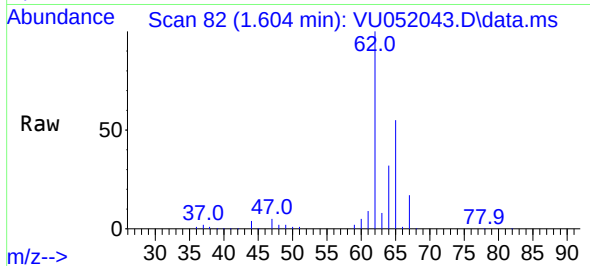




#5
 Vinyl chloride
 Concen: 4.299 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

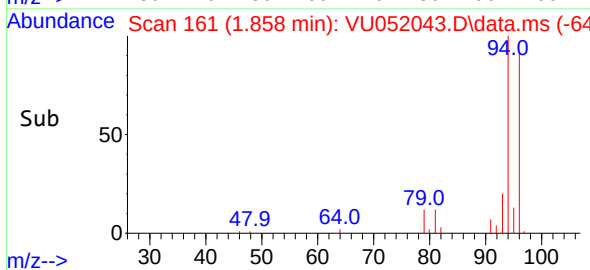
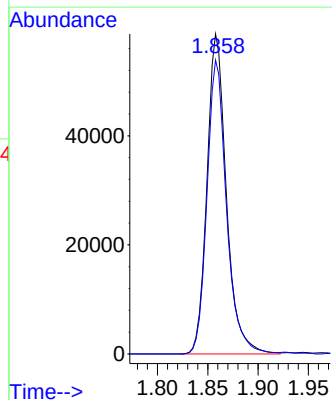
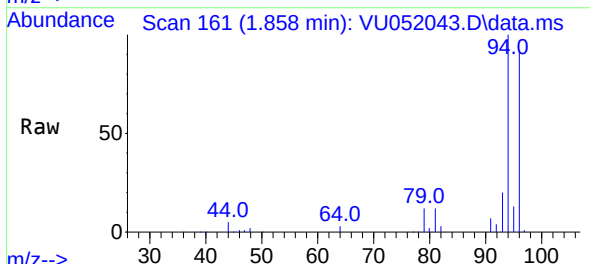
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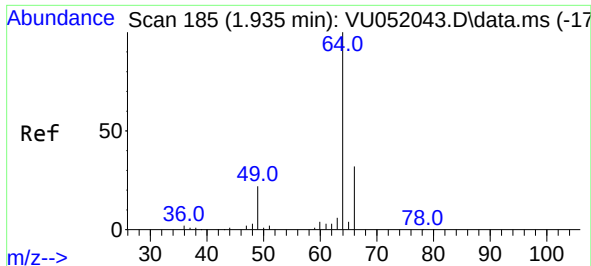
Tgt Ion: 62 Resp: 142691
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.5 43.7



#6
 Bromomethane
 Concen: 4.629 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.013 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

Tgt Ion: 94 Resp: 78846
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.7 122.1

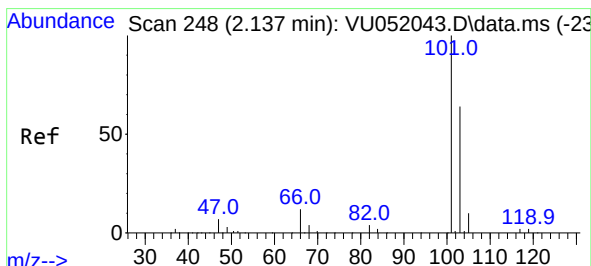
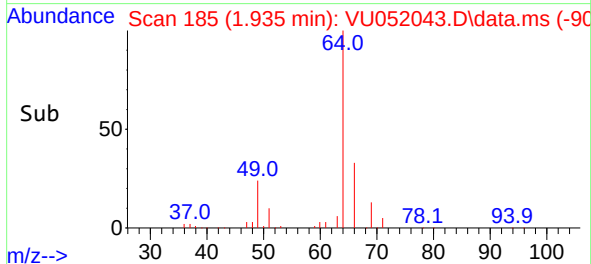
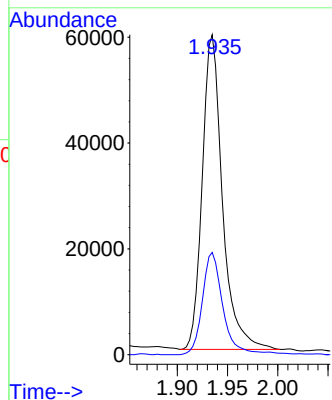
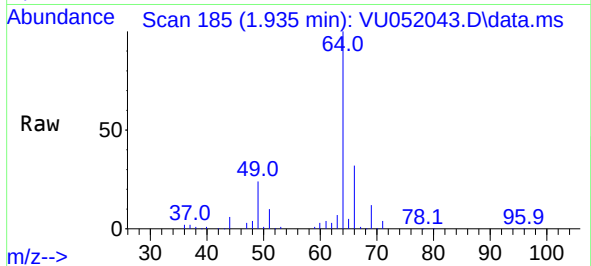




#8
Chloroethane
Concen: 4.030 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

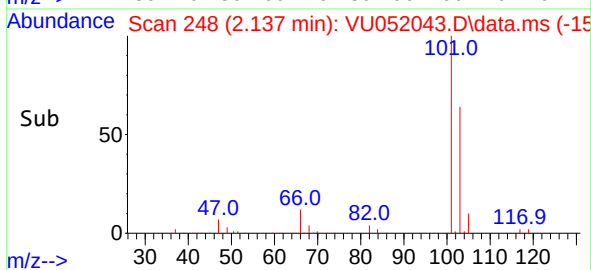
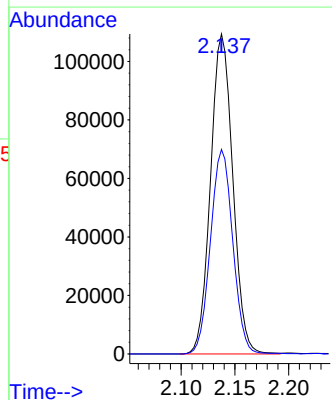
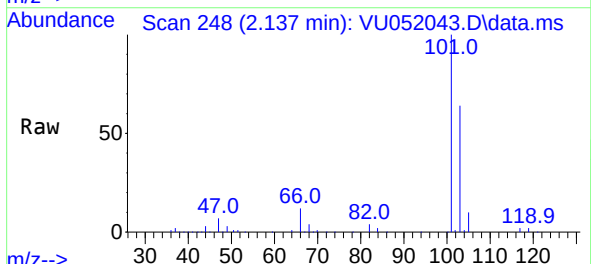
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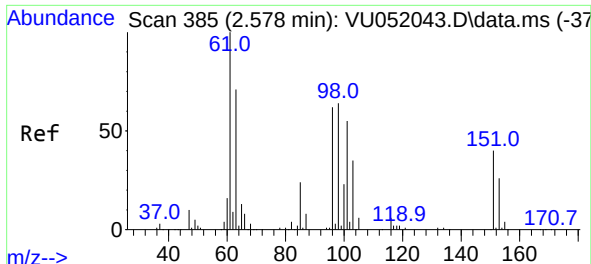
Tgt Ion: 64 Resp: 83186
Ion Ratio Lower Upper
64 100
66 31.9 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.310 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:101 Resp: 157393
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

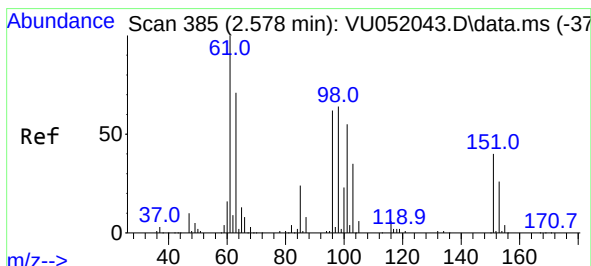
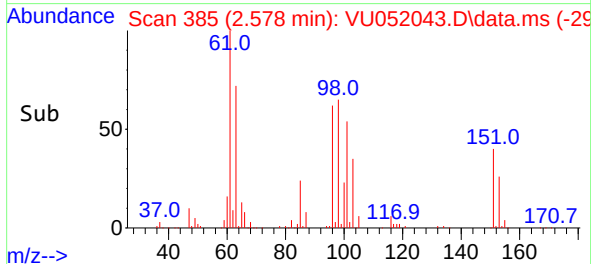
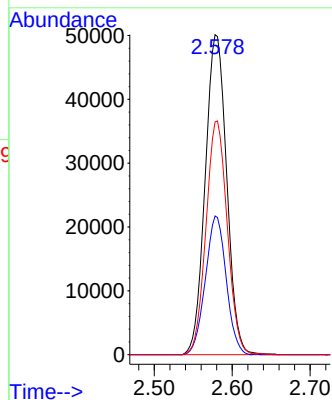
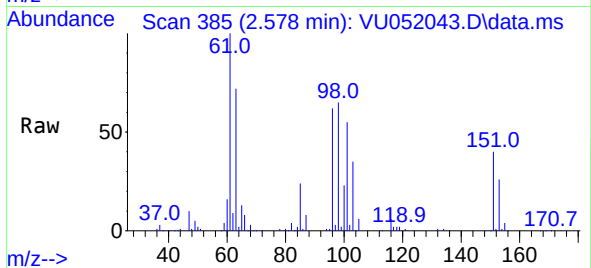




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.302 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

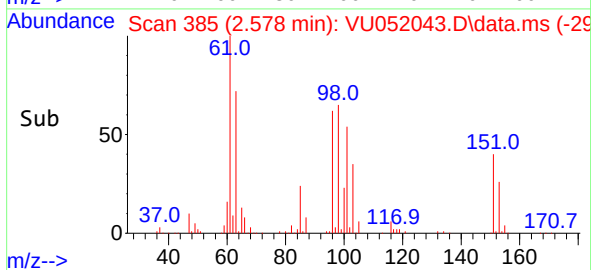
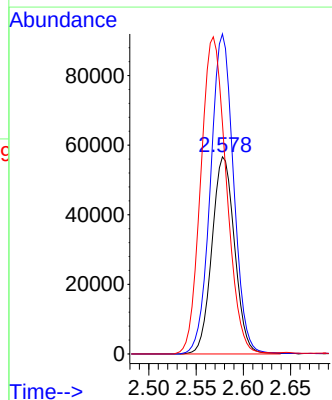
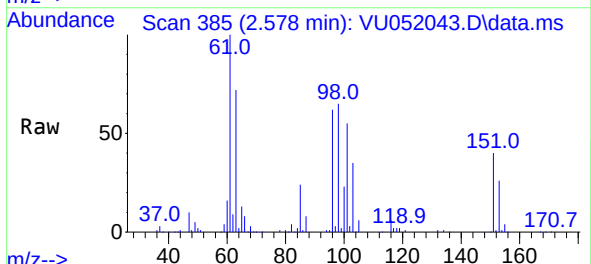
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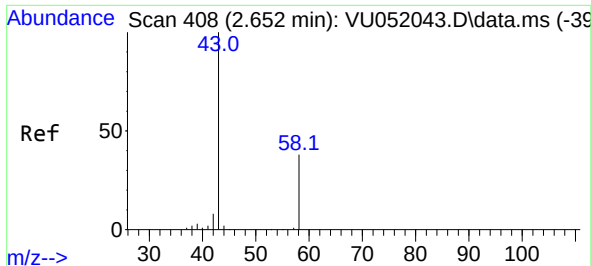
Tgt Ion:101 Resp: 96051
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.6
 151 72.3 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 4.257 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

Tgt Ion: 96 Resp: 94253
 Ion Ratio Lower Upper
 96 100
 61 162.4 114.8 213.2
 63 117.1 93.7 174.1





#13

Acetone

Concen: 38.757 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.032 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

Instrument :

MSVOA_U

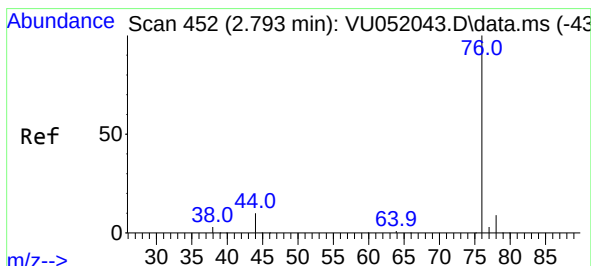
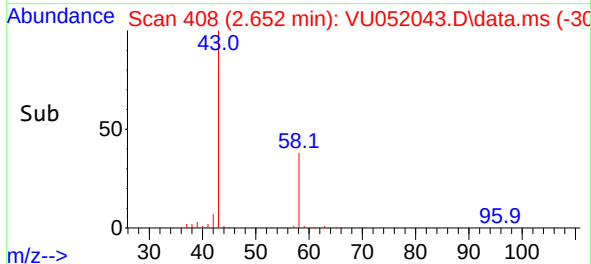
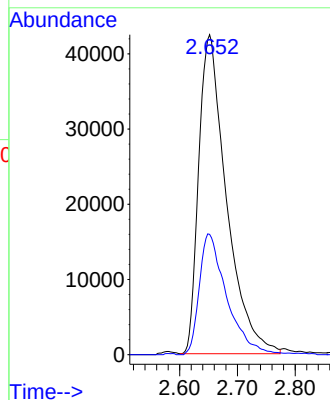
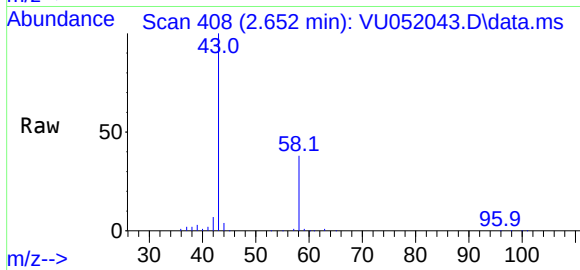
ClientSampleId :

Tgt Ion: 43 Resp: 141631

Ion Ratio Lower Upper

43 100

58 37.4 0.0 76.0



#14

Carbon disulfide

Concen: 4.070 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU052043.D

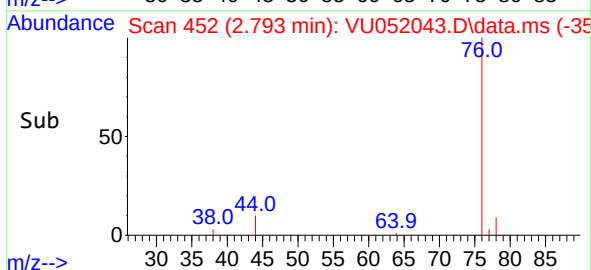
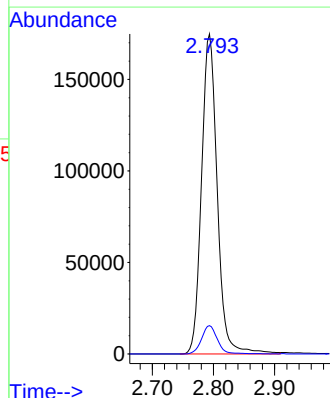
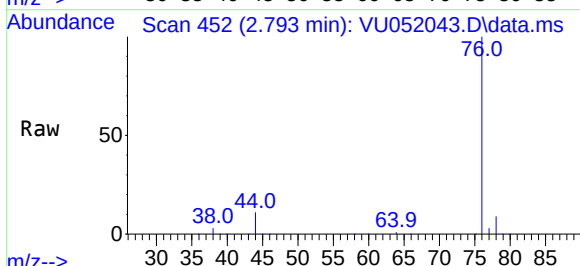
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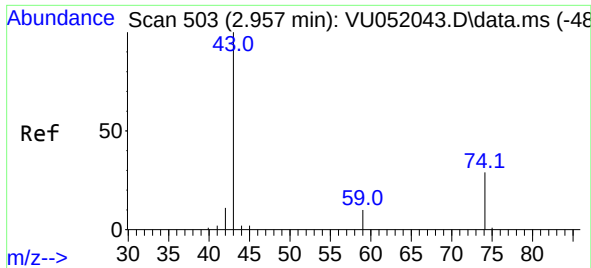
Tgt Ion: 76 Resp: 311943

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

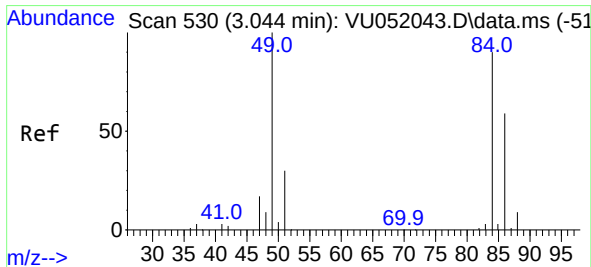
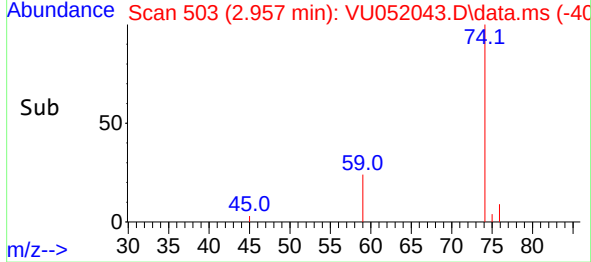
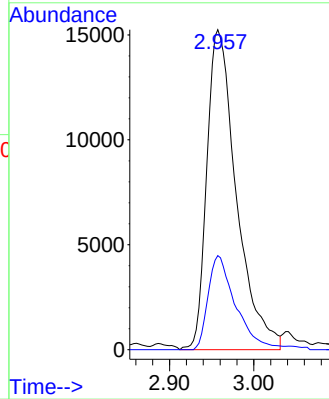
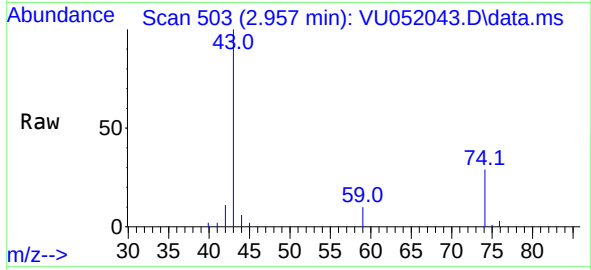




#15
Methyl Acetate
Concen: 3.927 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

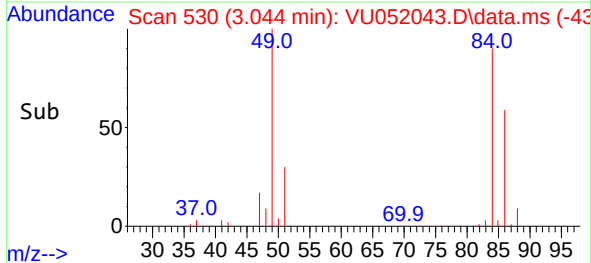
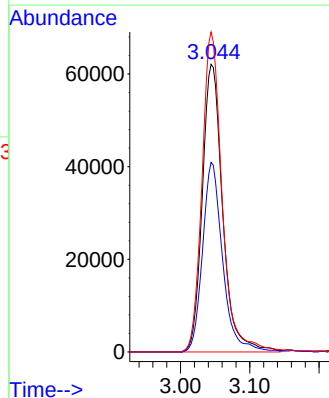
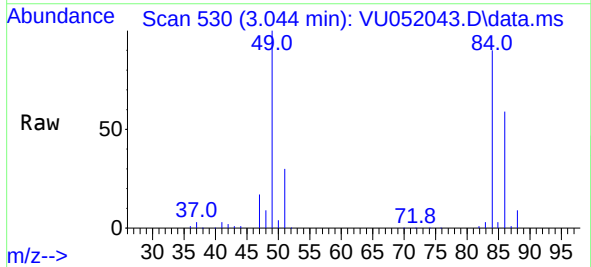
Instrument :
MSVOA_U
ClientSampleId :

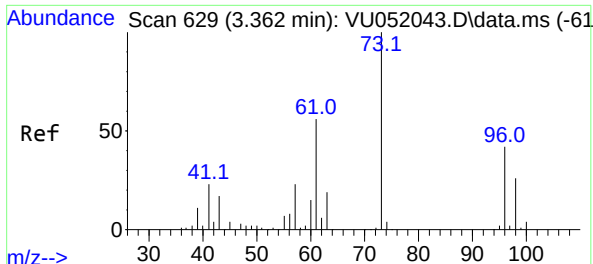
Tgt Ion: 43 Resp: 37219
Ion Ratio Lower Upper
43 100
74 27.4 21.3 31.9



#16
Methylene chloride
Concen: 4.240 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

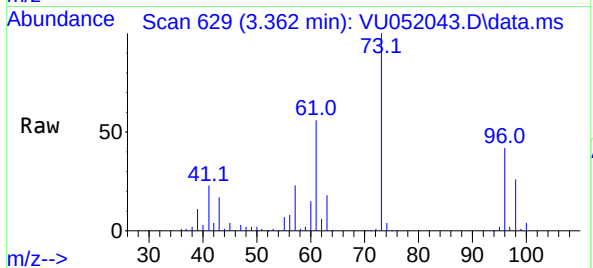
Tgt Ion: 84 Resp: 127016
Ion Ratio Lower Upper
84 100
86 65.9 43.8 81.4
49 111.2 75.9 141.1



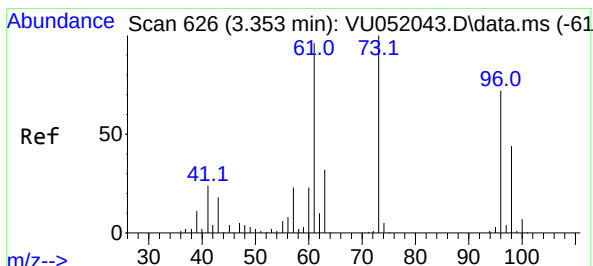
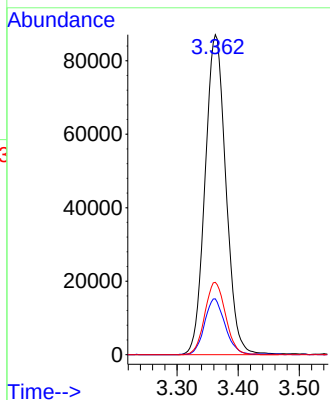
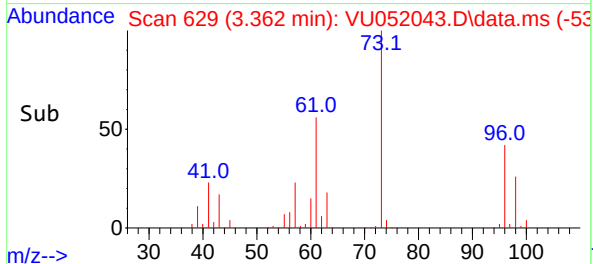


#17
Methyl tert-butyl Ether
Concen: 4.152 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

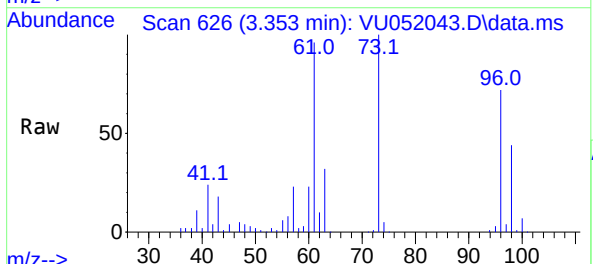
Instrument :
MSVOA_U
ClientSampleId :



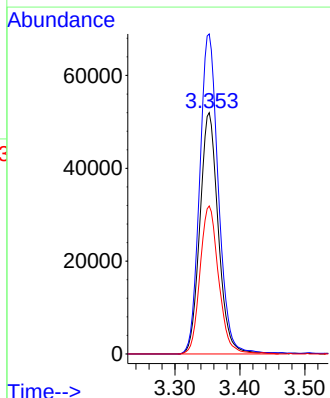
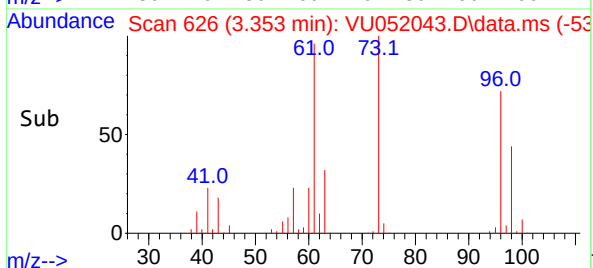
Tgt Ion: 73 Resp: 205827
Ion Ratio Lower Upper
73 100
43 17.3 13.2 19.8
57 22.6 17.8 26.8

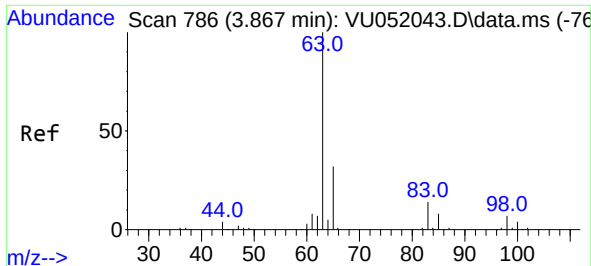


#18
trans-1,2-Dichloroethene
Concen: 4.323 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30



Tgt Ion: 96 Resp: 102598
Ion Ratio Lower Upper
96 100
61 132.6 97.9 181.7
98 61.3 43.8 81.3

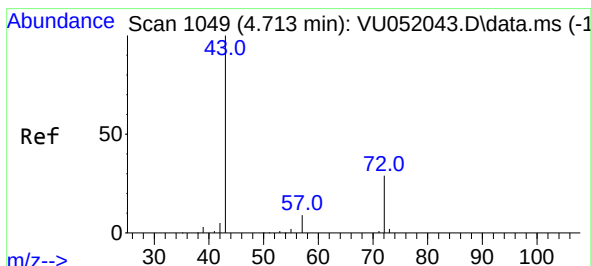
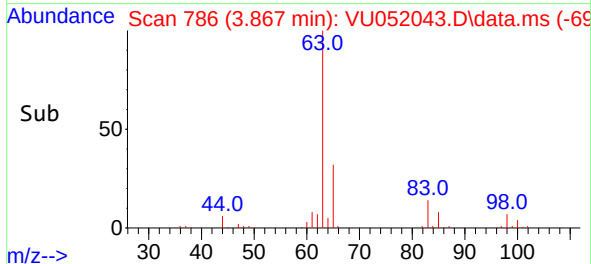
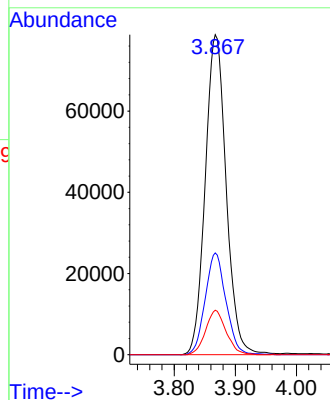
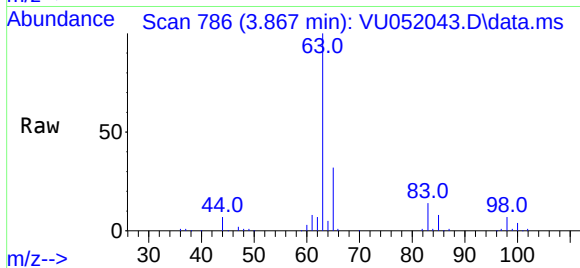




#19
1,1-Dichloroethane
Concen: 4.392 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

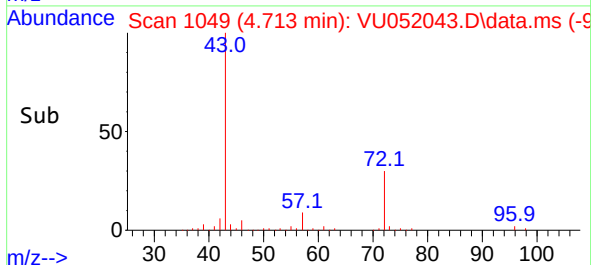
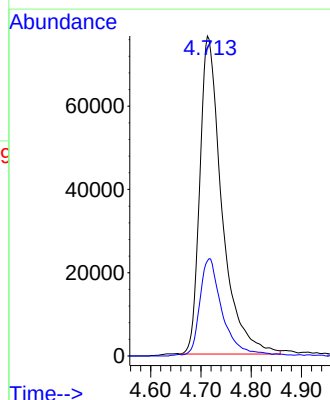
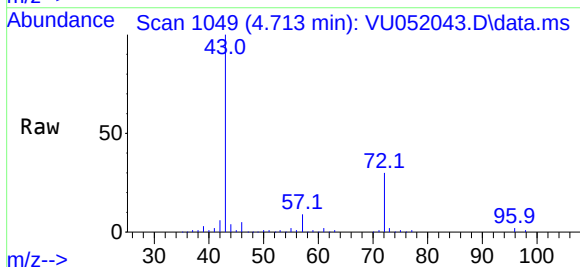
Instrument :
MSVOA_U
ClientSampleId :

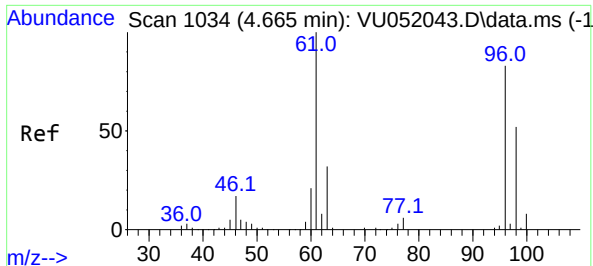
Tgt Ion: 63 Resp: 187897
Ion Ratio Lower Upper
63 100
65 31.8 22.2 41.2
83 13.9 9.2 17.0



#21
2-Butanone
Concen: 39.759 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.019 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

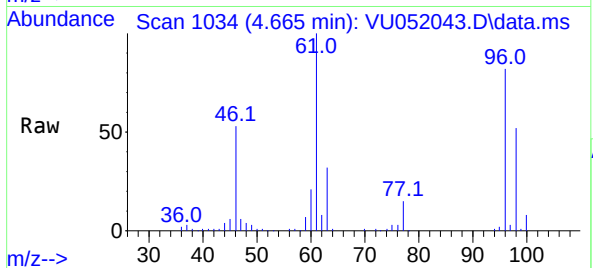
Tgt Ion: 43 Resp: 232870
Ion Ratio Lower Upper
43 100
72 29.9 15.6 46.8





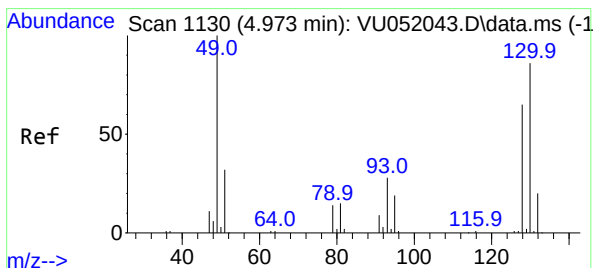
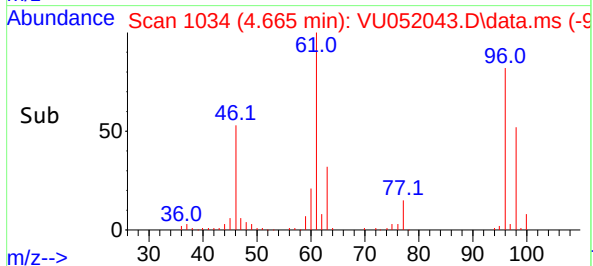
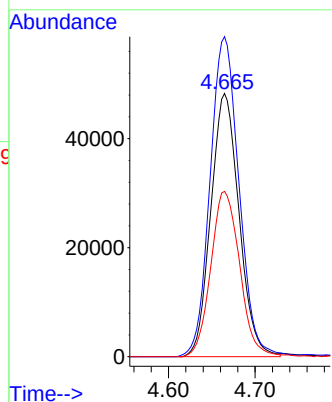
#22
 cis-1,2-Dichloroethene
 Concen: 4.391 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 109381

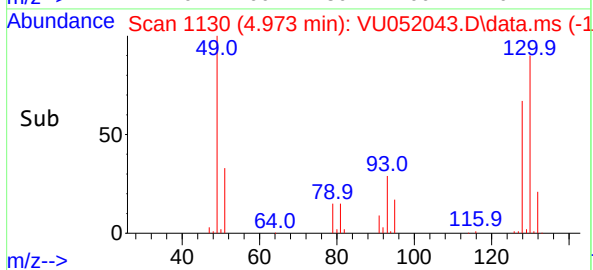
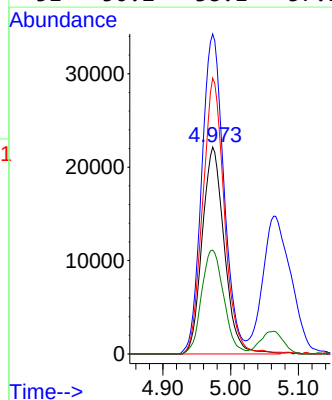
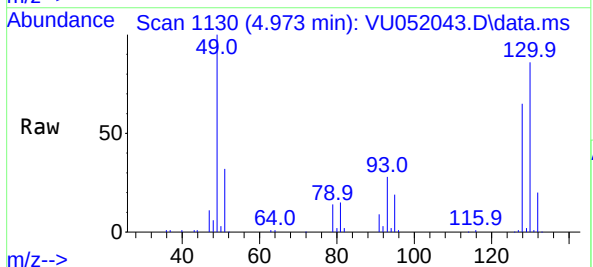
Ion	Ratio	Lower	Upper
96	100		
61	121.6	85.1	158.1
98	62.8	42.8	79.6

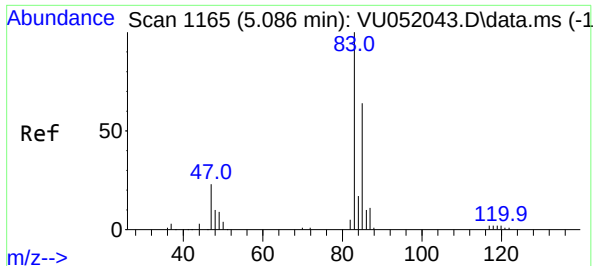


#23
 Bromochloromethane
 Concen: 4.201 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

Tgt Ion: 128 Resp: 50068

Ion	Ratio	Lower	Upper
128	100		
49	154.7	104.0	193.2
130	133.3	84.6	157.2
51	50.2	38.1	57.1





#25

Chloroform

Concen: 4.394 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

Instrument :

MSVOA_U

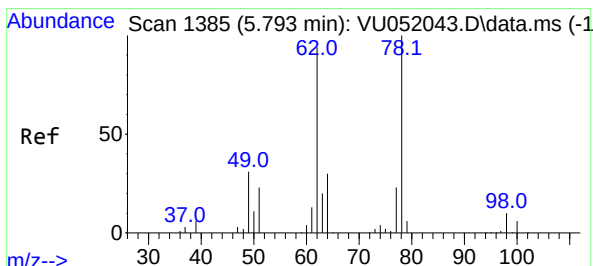
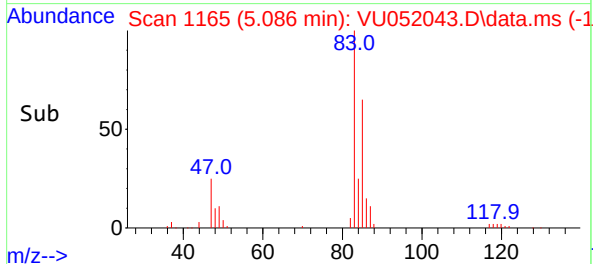
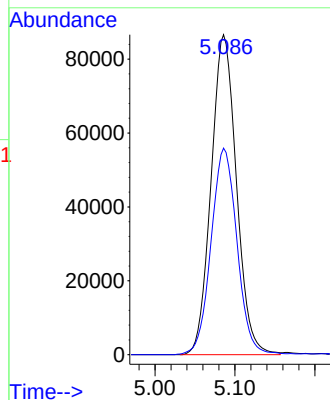
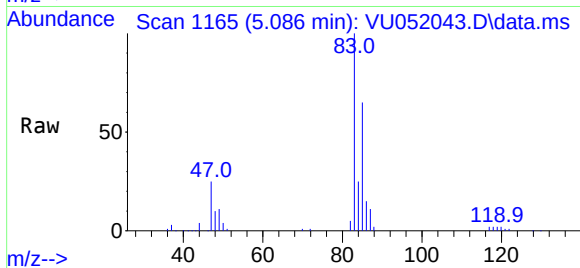
ClientSampleId :

Tgt Ion: 83 Resp: 190481

Ion Ratio Lower Upper

83 100

85 64.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.167 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU052043.D

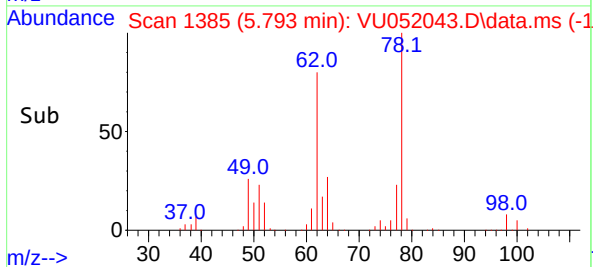
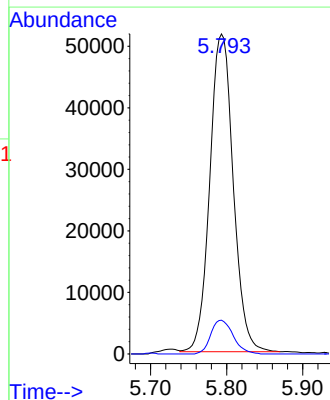
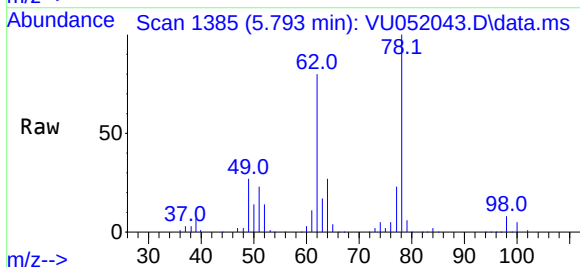
Acq: 22 Nov 2022 15:30

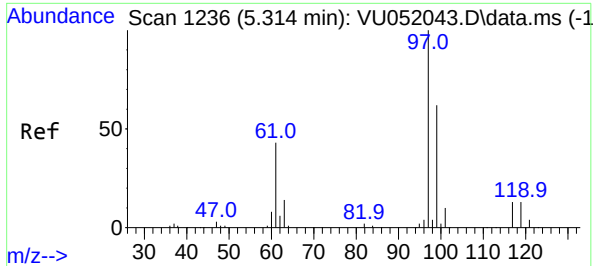
Tgt Ion: 62 Resp: 110629

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6



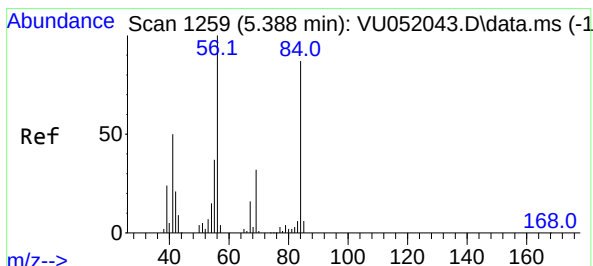
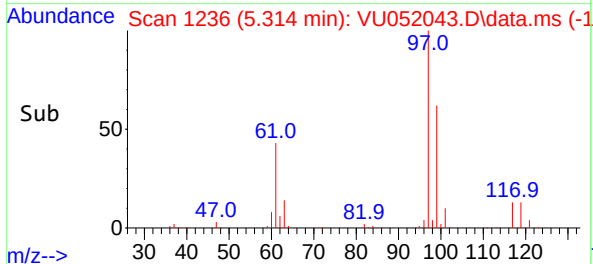
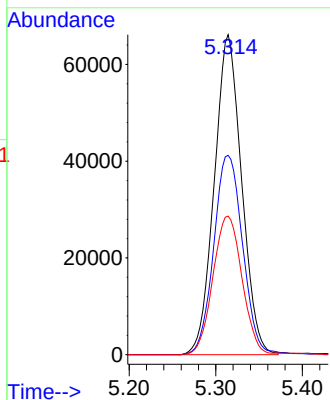
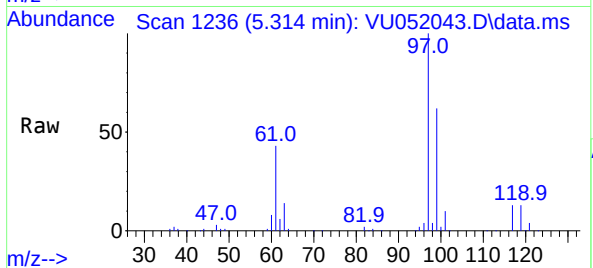


#29
 1,1,1-Trichloroethane
 Concen: 4.358 ug/L
 RT: 5.314 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 145215

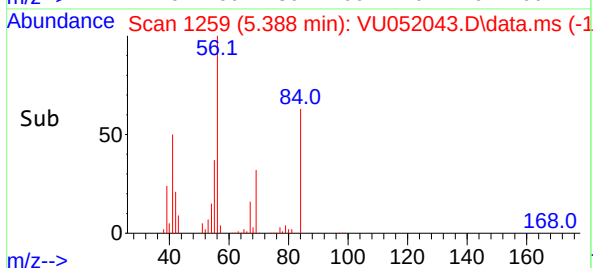
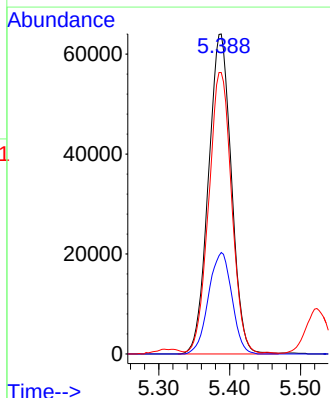
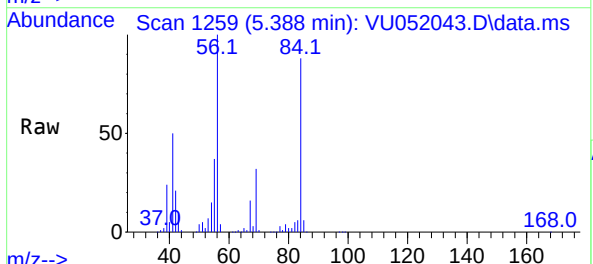
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.0	76.6
61	46.0	36.9	55.3

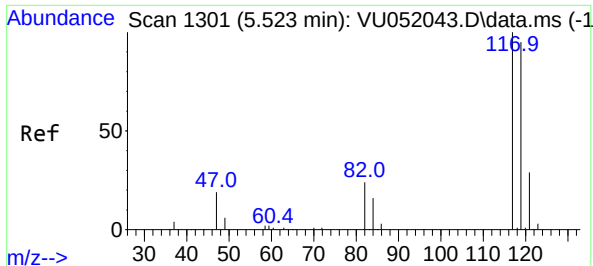


#30
 Cyclohexane
 Concen: 4.452 ug/L
 RT: 5.388 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VU052043.D
 Acq: 22 Nov 2022 15:30

Tgt Ion: 56 Resp: 144024

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.6	38.4
84	87.1	72.0	108.0

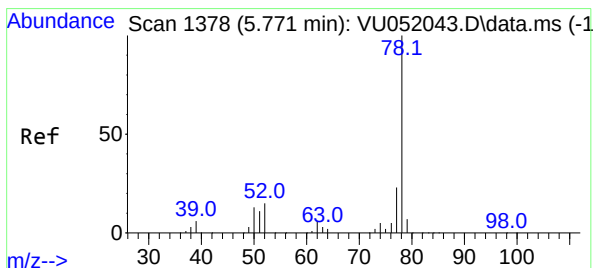
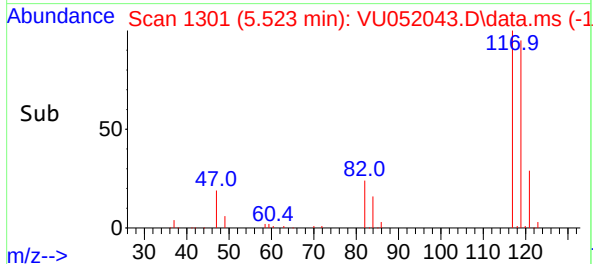
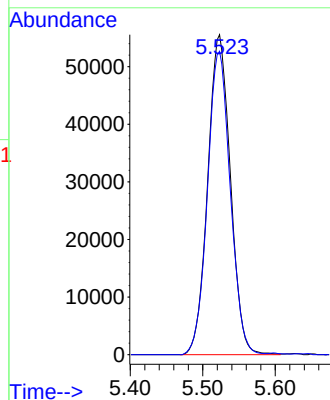
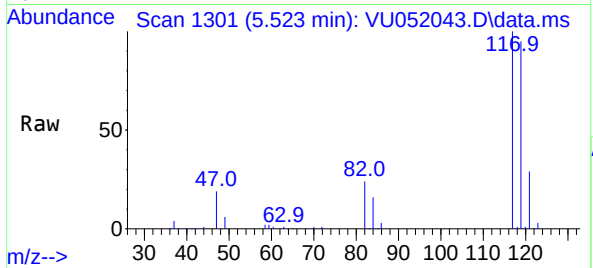




#31
Carbon tetrachloride
Concen: 4.266 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

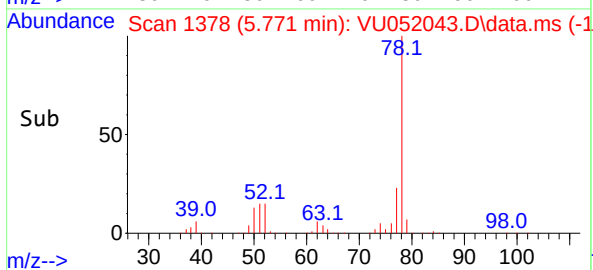
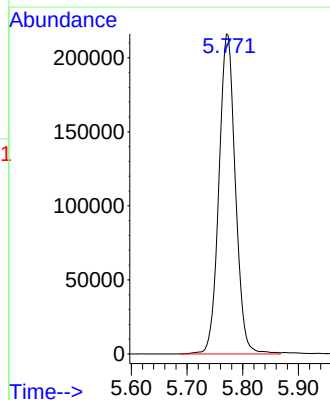
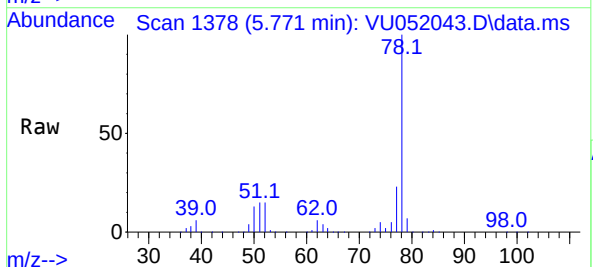
Instrument :
MSVOA_U
ClientSampleId :

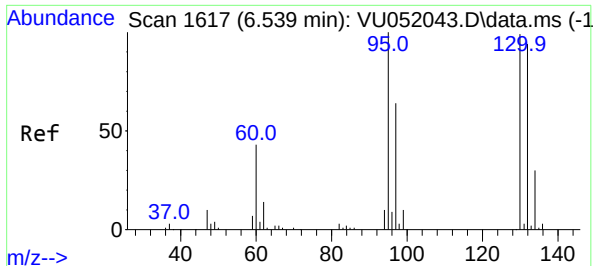
Tgt Ion:117 Resp: 120778
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8



#33
Benzene
Concen: 4.544 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

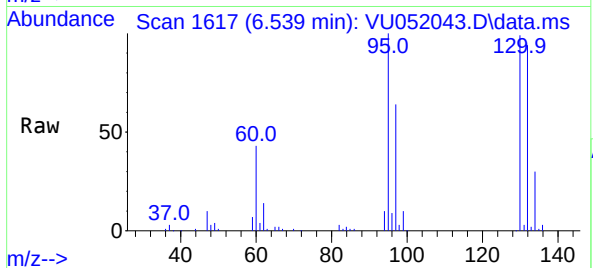
Tgt Ion: 78 Resp: 444144





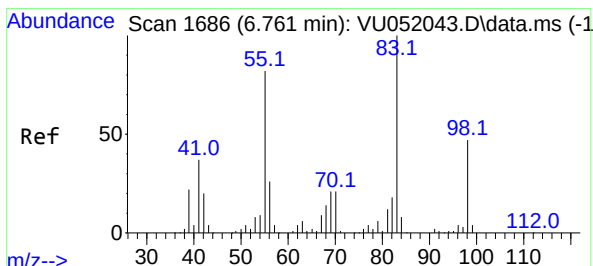
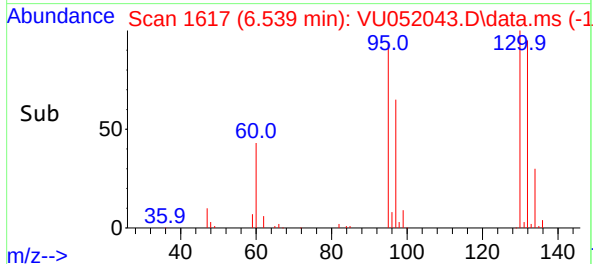
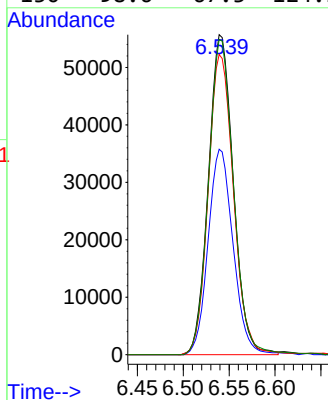
#34
Trichloroethene
Concen: 4.324 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 105399

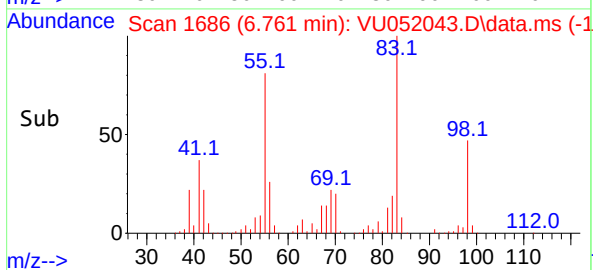
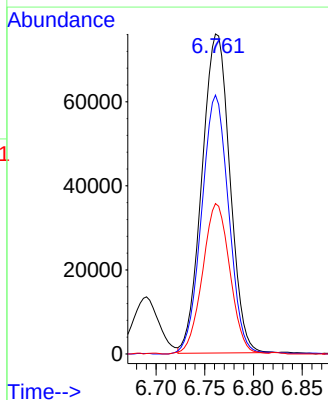
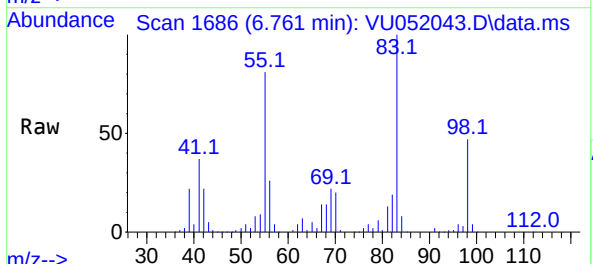
Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.7	81.1
132	93.8	64.3	119.3
130	98.6	67.3	124.9

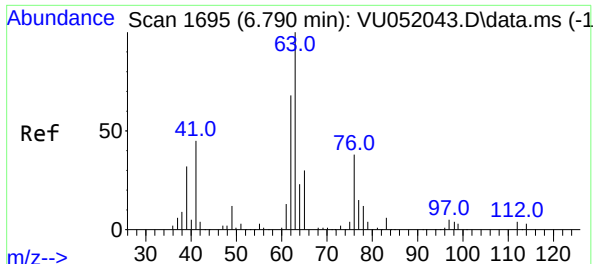


#35
Methylcyclohexane
Concen: 4.326 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 83 Resp: 151695

Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.8	91.2
98	46.1	35.1	52.7

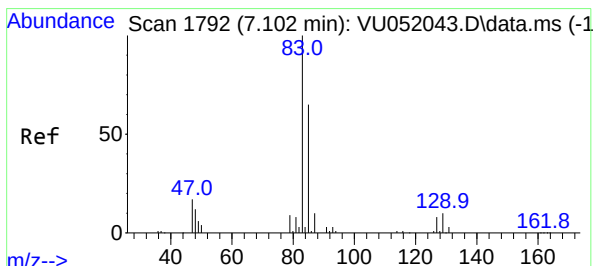
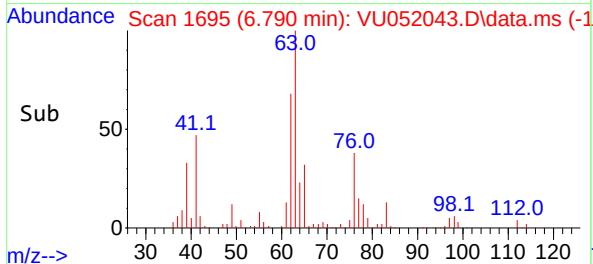
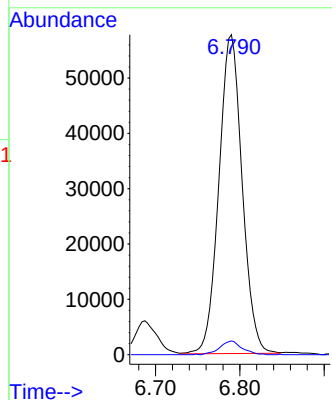
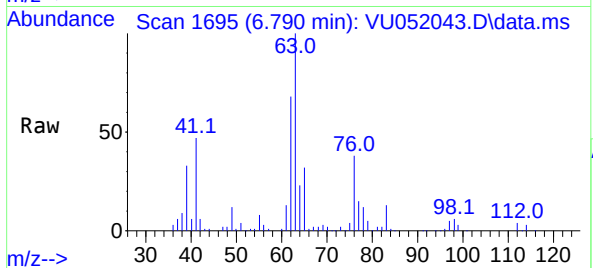




#37
1,2-Dichloropropane
Concen: 4.361 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

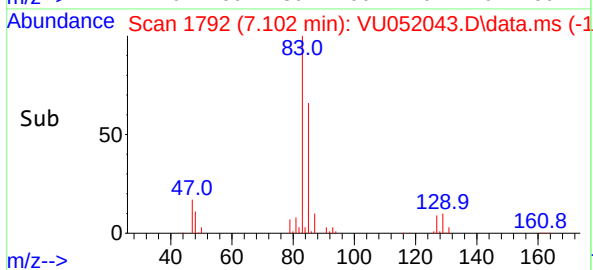
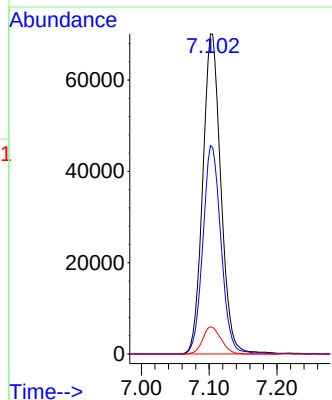
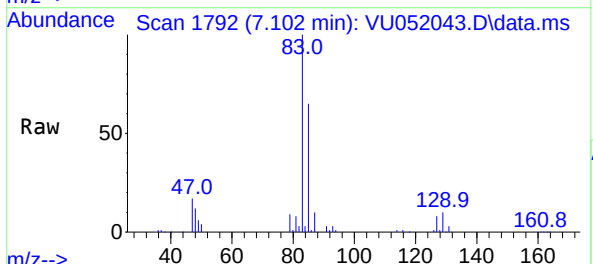
Instrument :
MSVOA_U
ClientSampleId :

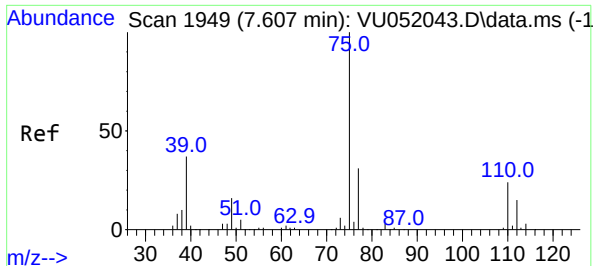
Tgt Ion: 63 Resp: 110354
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 4.221 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 83 Resp: 130229
Ion Ratio Lower Upper
83 100
85 65.1 43.5 80.9
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.215 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

Instrument :

MSVOA_U

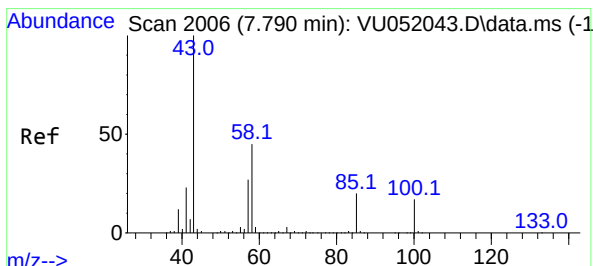
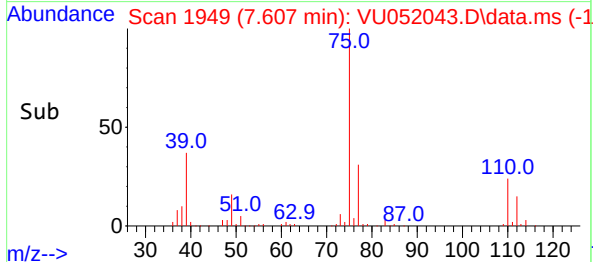
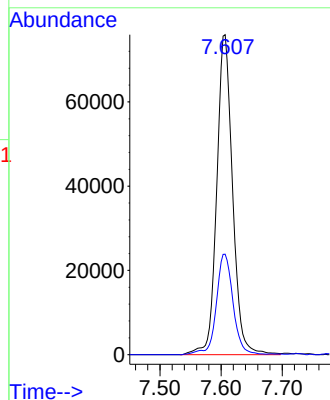
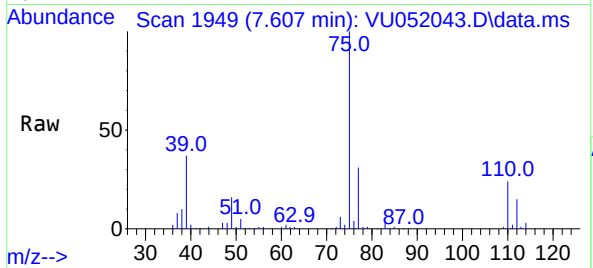
ClientSampleId :

Tgt Ion: 75 Resp: 136946

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 42.061 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

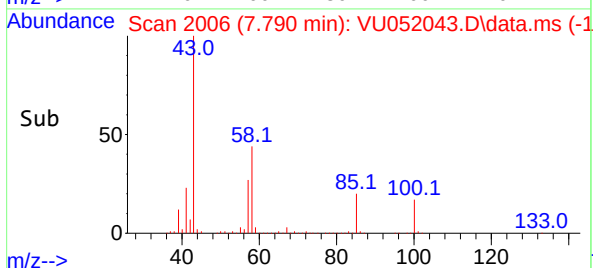
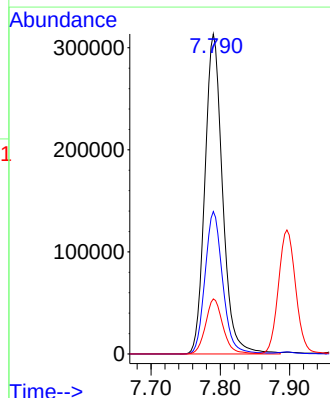
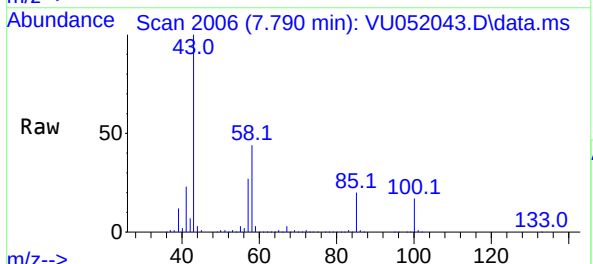
Tgt Ion: 43 Resp: 555977

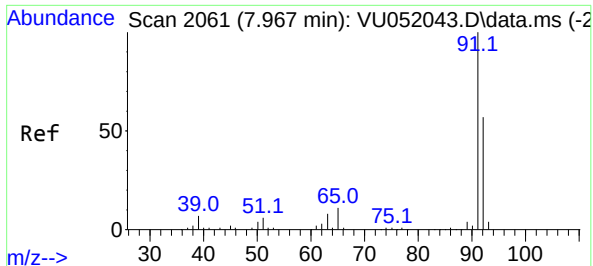
Ion Ratio Lower Upper

43 100

58 44.4 35.3 52.9

100 16.9 13.6 20.4





#42

Toluene

Concen: 4.635 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

Instrument :

MSVOA_U

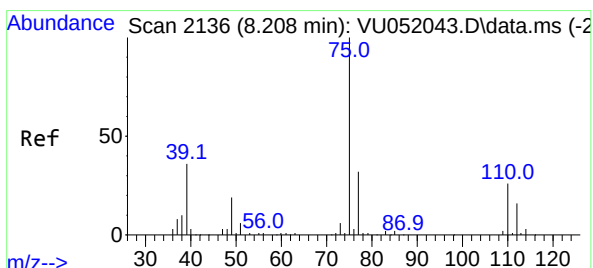
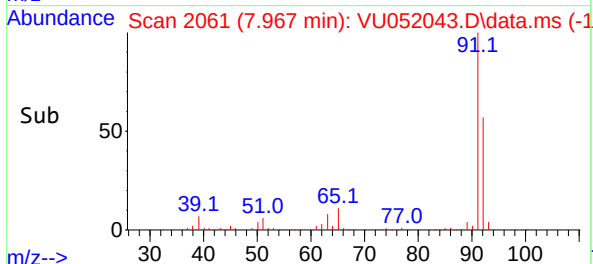
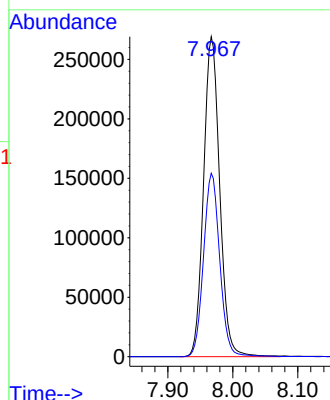
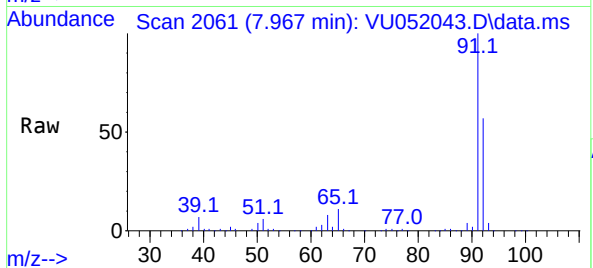
ClientSampleId :

Tgt Ion: 91 Resp: 466022

Ion Ratio Lower Upper

91 100

92 57.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.243 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052043.D

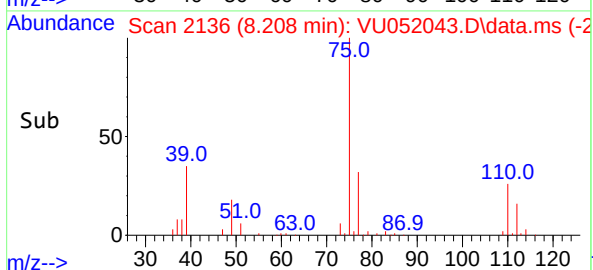
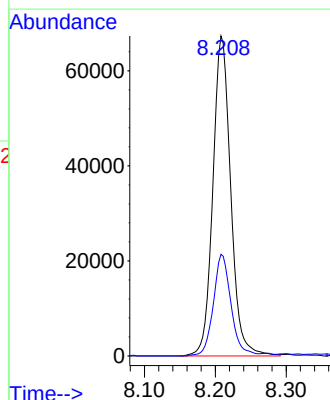
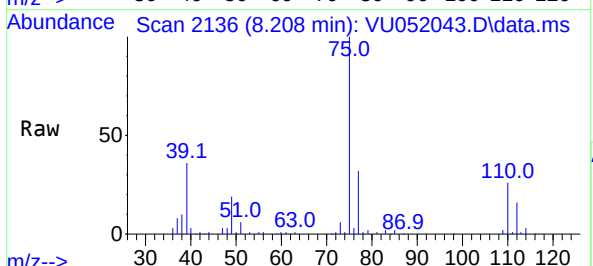
Acq: 22 Nov 2022 15:30

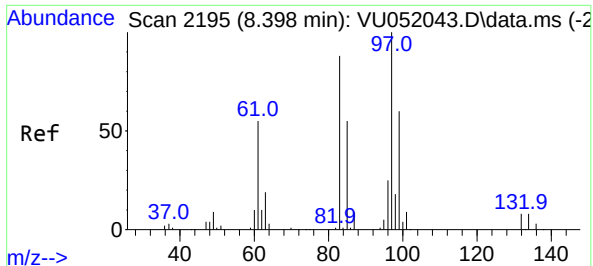
Tgt Ion: 75 Resp: 118040

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0



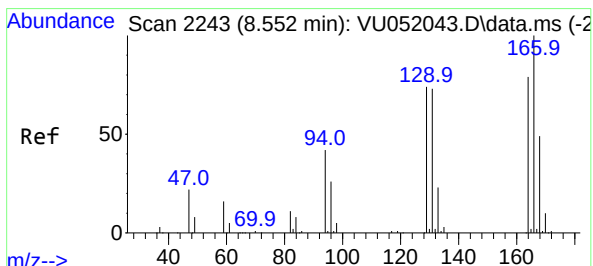
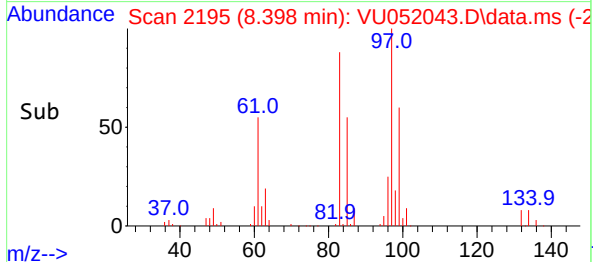
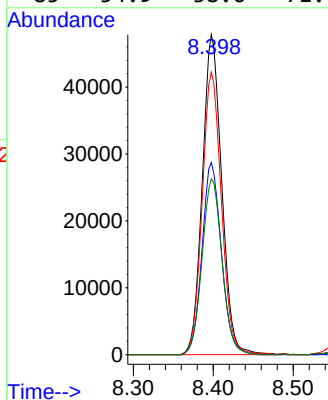
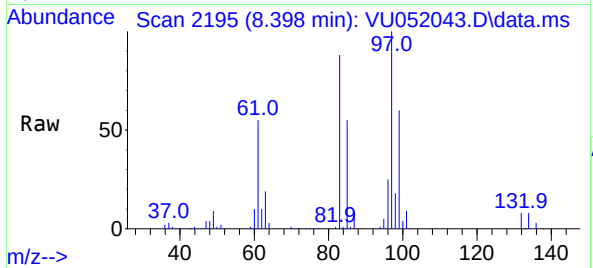


#45
1,1,2-Trichloroethane
Concen: 4.238 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 80594

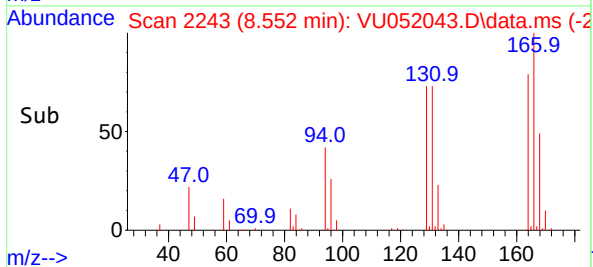
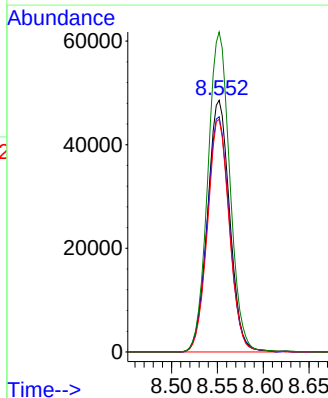
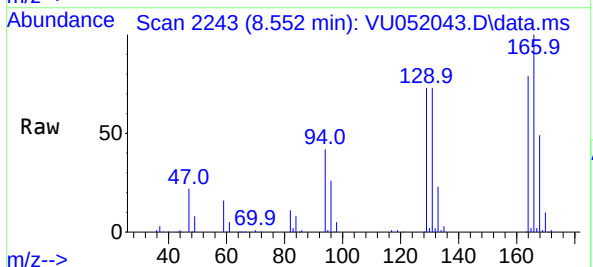
Ion	Ratio	Lower	Upper
97	100		
99	60.1	42.6	79.2
83	88.3	60.7	112.7
85	54.9	38.6	71.6

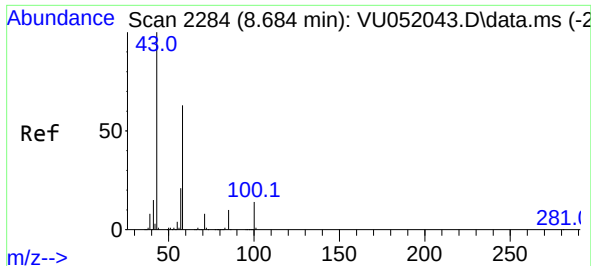


#47
Tetrachloroethene
Concen: 4.391 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 164 Resp: 82043

Ion	Ratio	Lower	Upper
164	100		
129	93.4	67.4	125.2
131	92.4	67.1	124.7
166	127.1	89.7	166.5

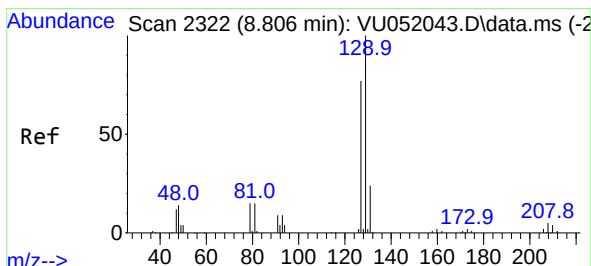
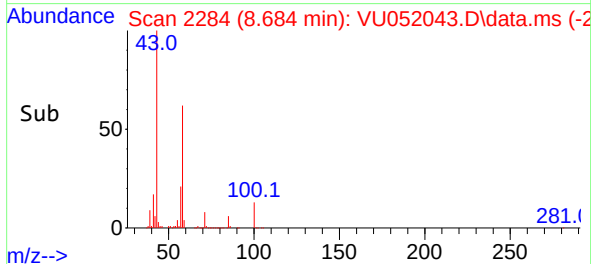
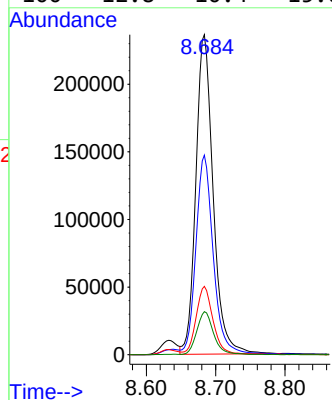
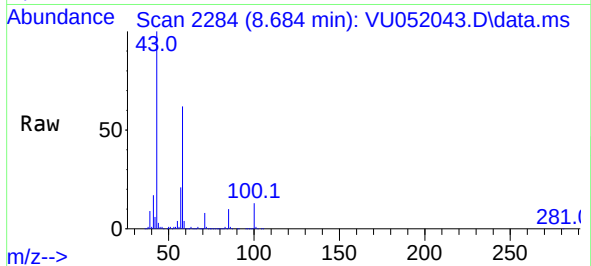




#48
2-Hexanone
Concen: 42.462 ug/L
RT: 8.684 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

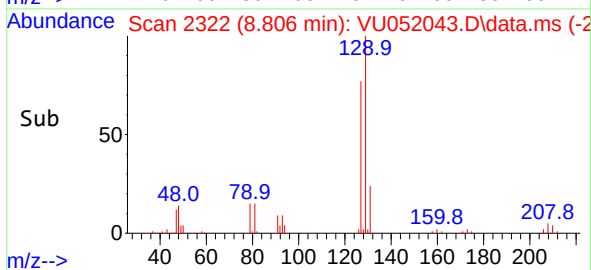
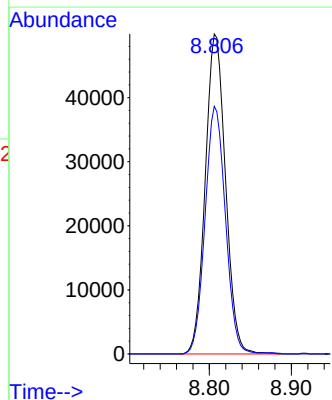
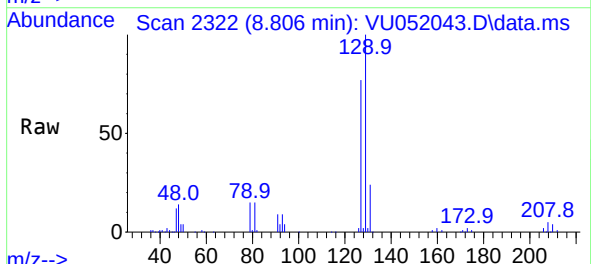
Instrument :
MSVOA_U
ClientSampleId :

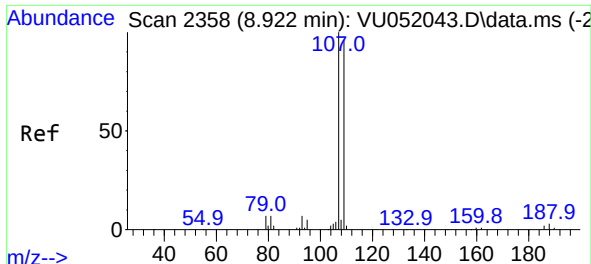
Tgt Ion: 43 Resp: 411484
Ion Ratio Lower Upper
43 100
58 62.5 49.4 74.0
57 20.9 16.3 24.5
100 12.8 10.4 15.6



#49
Dibromochloromethane
Concen: 4.029 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 129 Resp: 85815
Ion Ratio Lower Upper
129 100
127 77.4 52.8 98.2

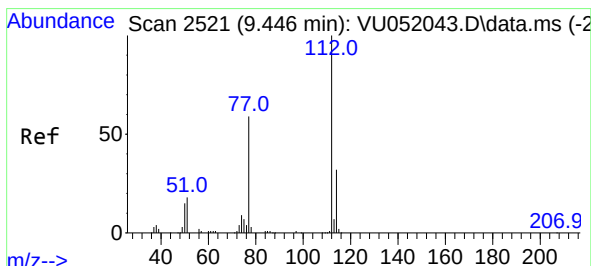
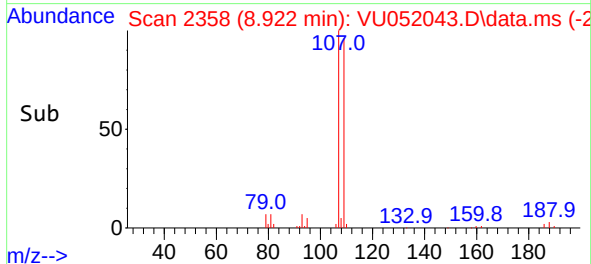
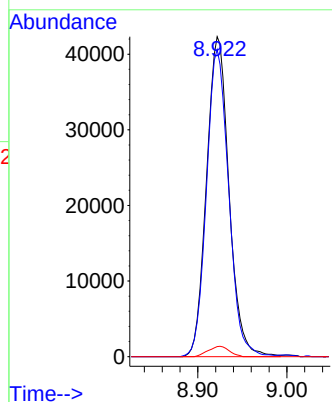
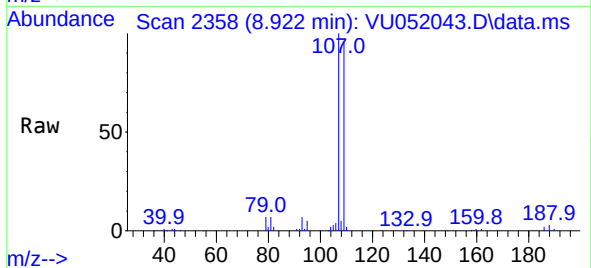




#50
1,2-Dibromoethane
Concen: 4.275 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

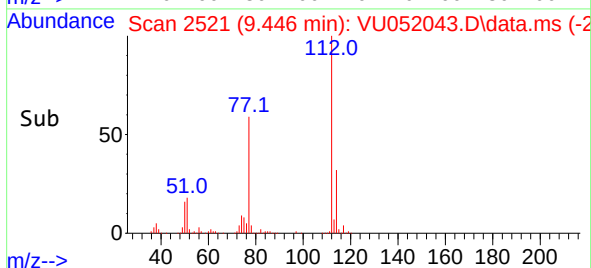
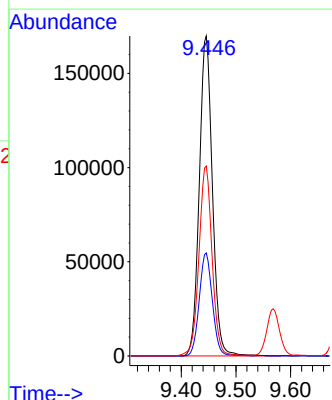
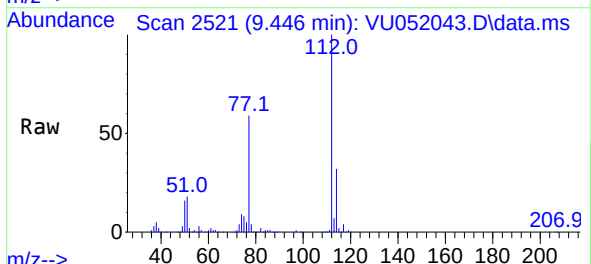
Instrument :
MSVOA_U
ClientSampleId :

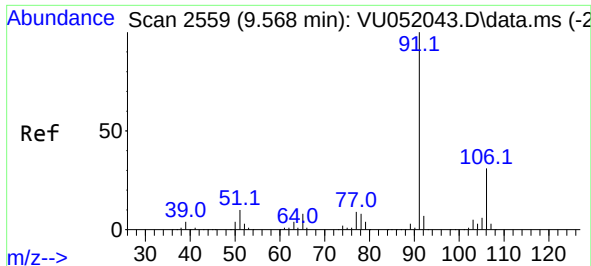
Tgt Ion:107 Resp: 74045
Ion Ratio Lower Upper
107 100
109 95.9 64.9 120.5
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 4.405 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:112 Resp: 282319
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 59.4 46.6 70.0

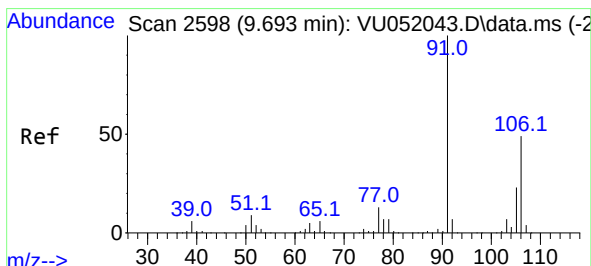
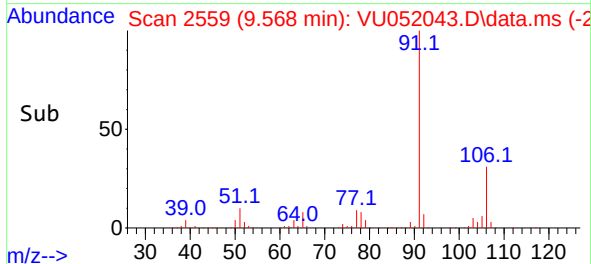
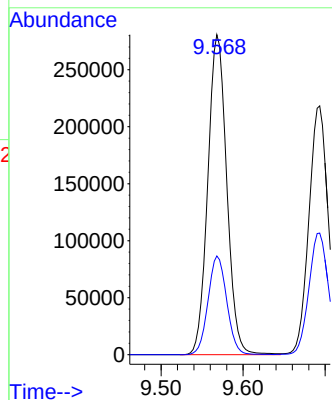
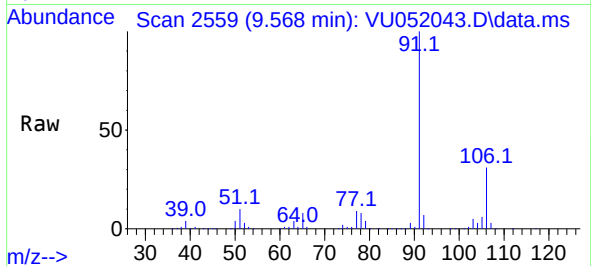




#52
Ethylbenzene
Concen: 4.607 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

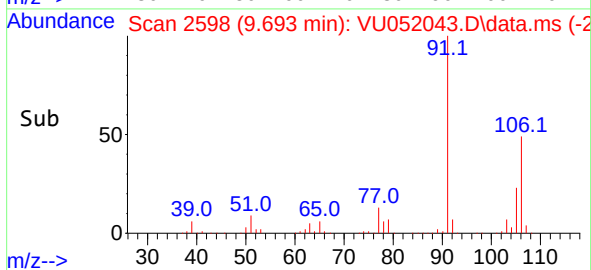
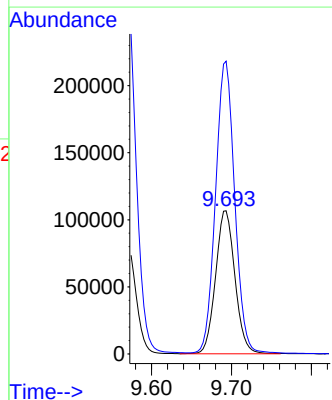
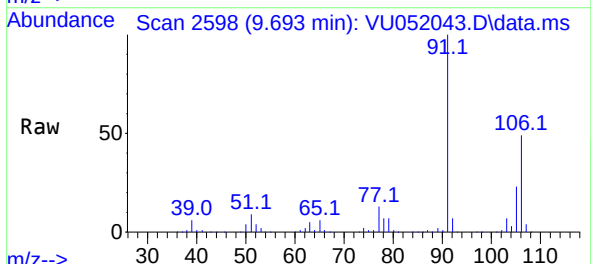
Instrument :
MSVOA_U
ClientSampleId :

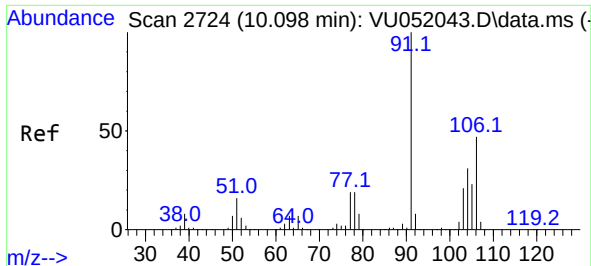
Tgt Ion: 91 Resp: 450285
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3



#53
m,p-Xylene
Concen: 4.726 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 106 Resp: 178871
Ion Ratio Lower Upper
106 100
91 204.4 137.7 255.7

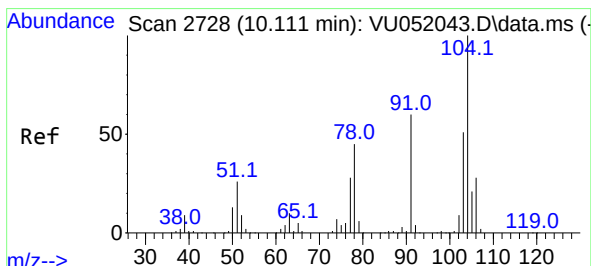
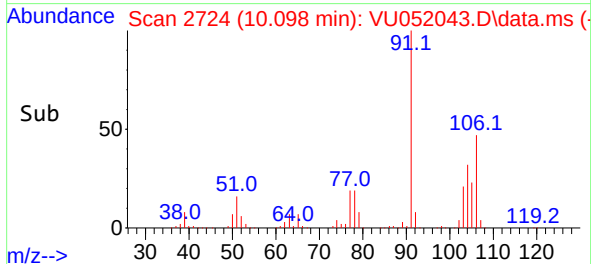
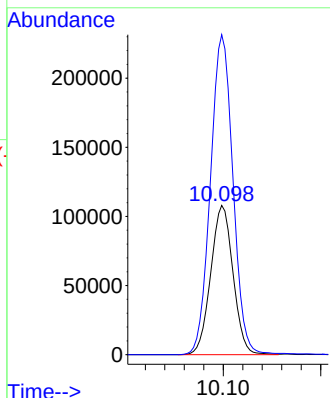
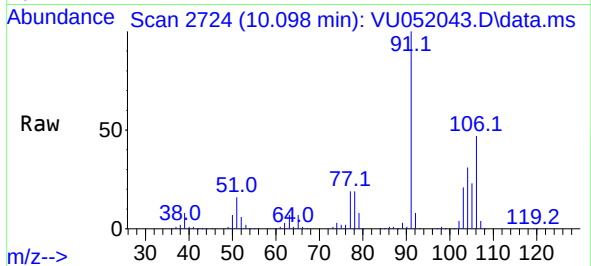




#54
o-Xylene
Concen: 4.726 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

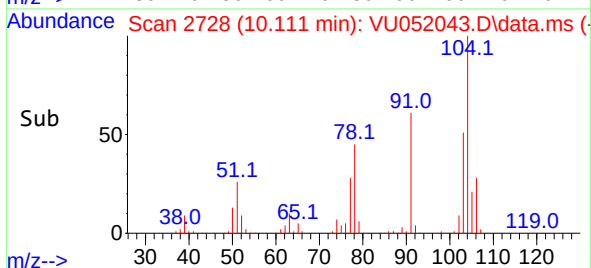
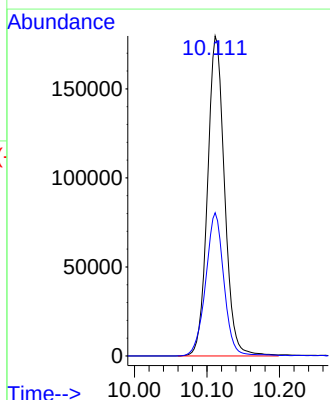
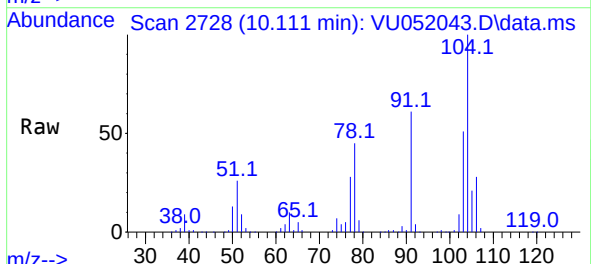
Instrument :
MSVOA_U
ClientSampleId :

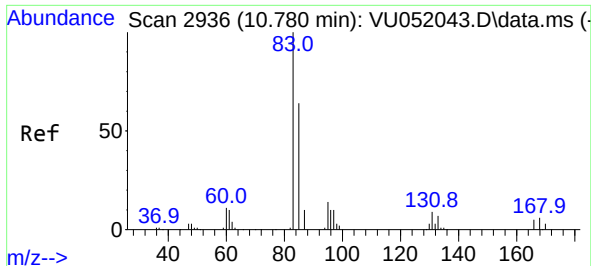
Tgt Ion:106 Resp: 171429
Ion Ratio Lower Upper
106 100
91 214.4 151.5 281.5



#55
Styrene
Concen: 4.798 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:104 Resp: 293962
Ion Ratio Lower Upper
104 100
78 44.7 30.6 56.8

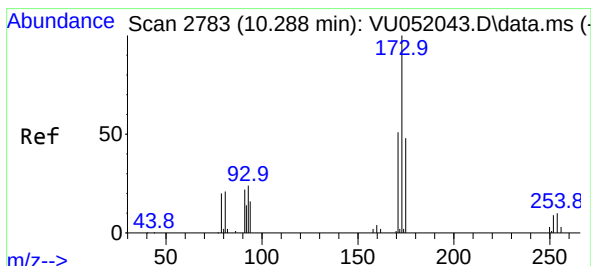
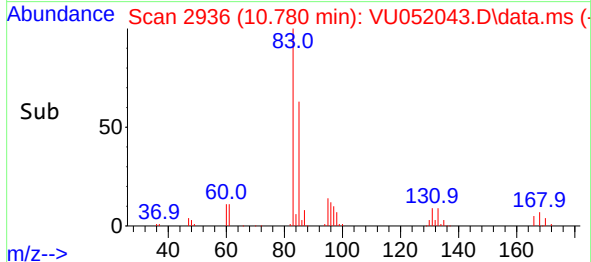
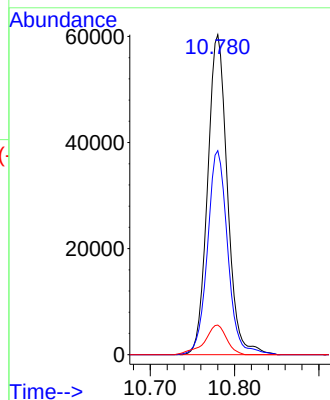
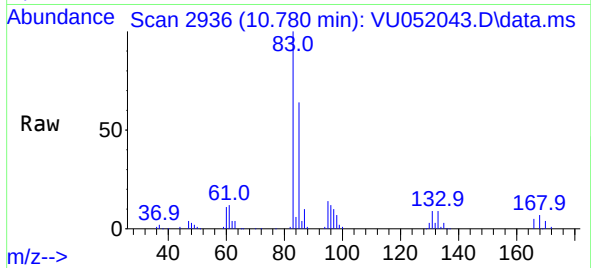




#57
1,1,2,2-Tetrachloroethane
Concen: 4.147 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

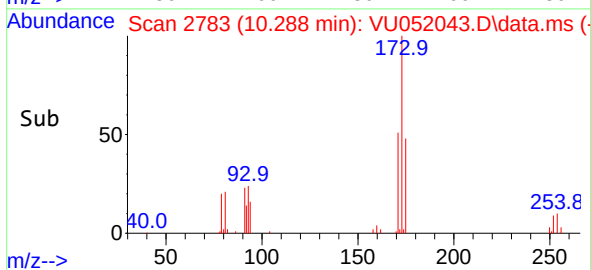
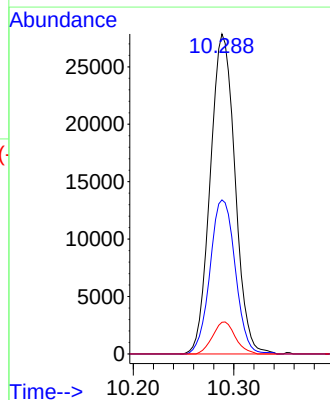
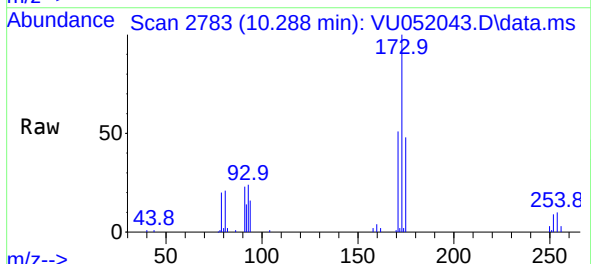
Instrument :
MSVOA_U
ClientSampleId :

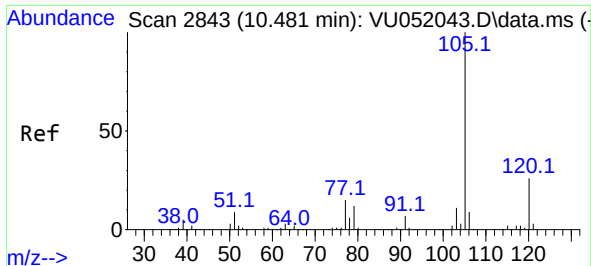
Tgt Ion: 83 Resp: 98487
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9
131 9.3 7.6 11.4



#59
Bromoform
Concen: 3.892 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:173 Resp: 47618
Ion Ratio Lower Upper
173 100
175 49.1 37.2 55.8
254 9.2 7.0 10.6

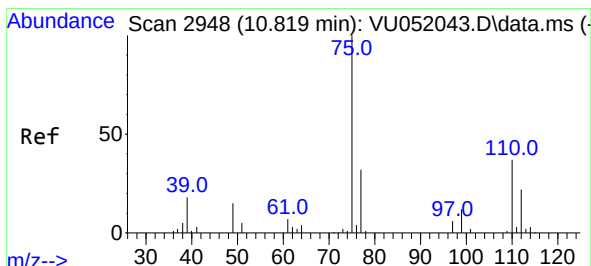
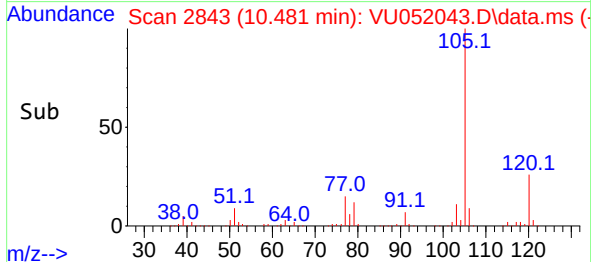
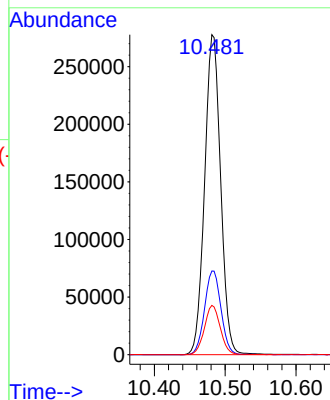
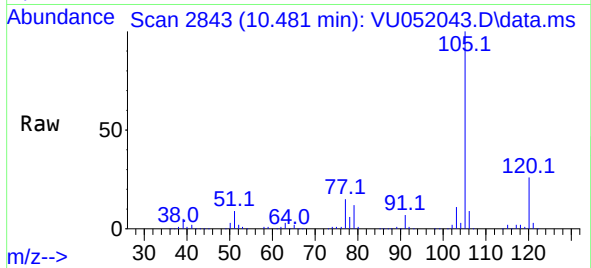




#60
Isopropylbenzene
Concen: 4.672 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

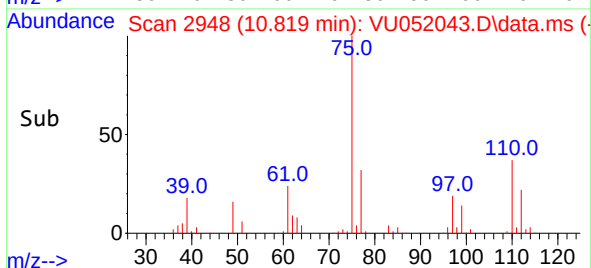
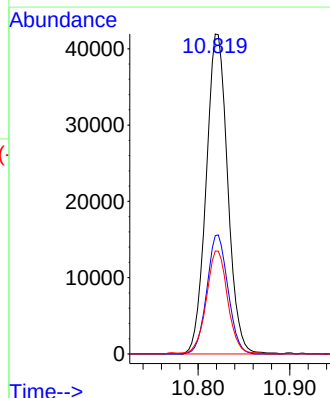
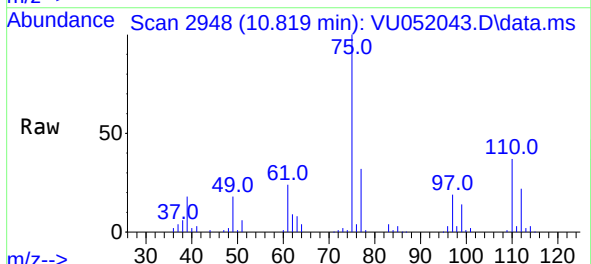
Instrument :
MSVOA_U
ClientSampleId :

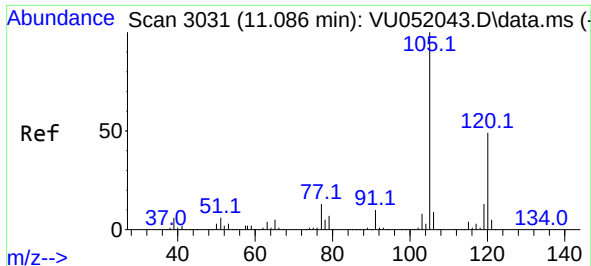
Tgt Ion:105 Resp: 435982
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.022 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion: 75 Resp: 68382
Ion Ratio Lower Upper
75 100
110 36.4 28.3 42.5
77 32.0 26.2 39.2

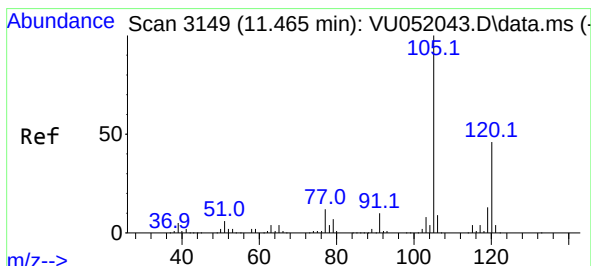
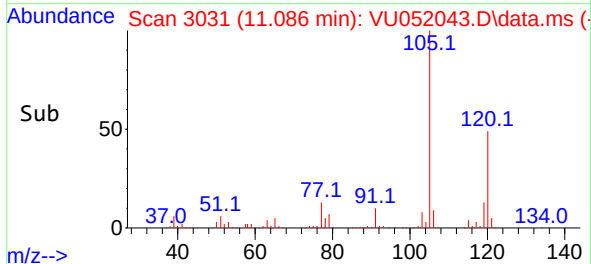
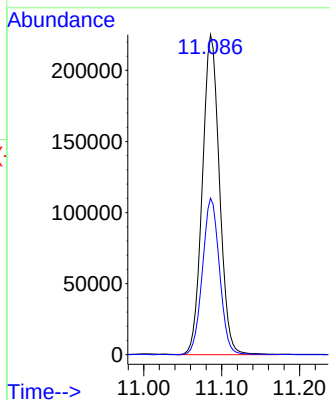
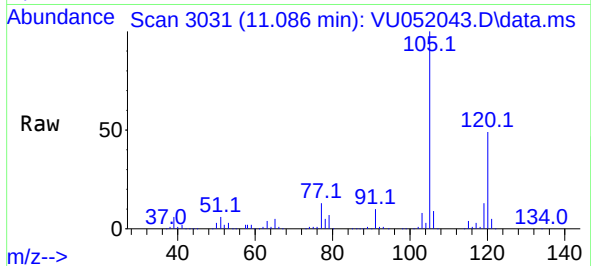




#62
1,3,5-Trimethylbenzene
Concen: 4.612 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

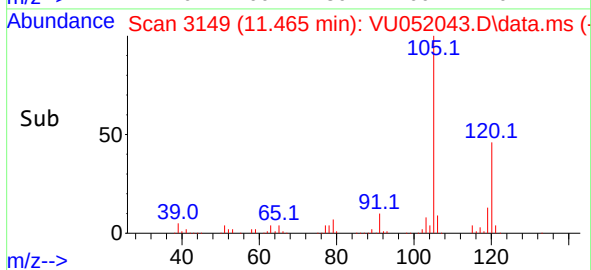
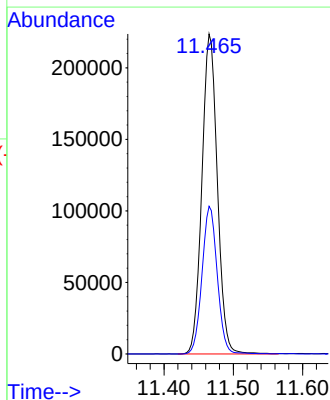
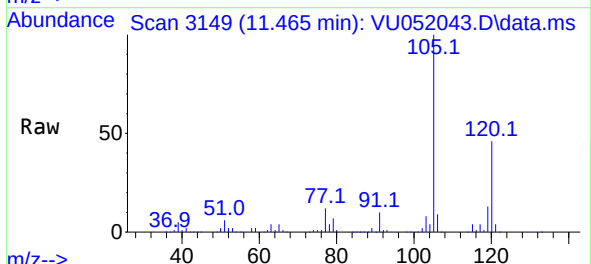
Instrument :
MSVOA_U
ClientSampleId :

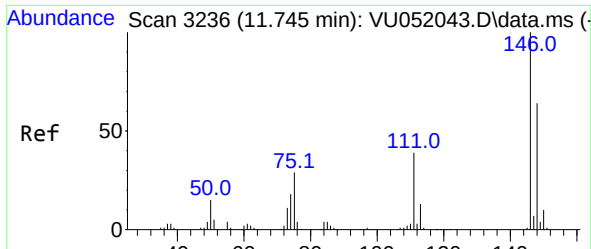
Tgt Ion:105 Resp: 344077
Ion Ratio Lower Upper
105 100
120 48.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.677 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:105 Resp: 346298
Ion Ratio Lower Upper
105 100
120 45.4 36.6 55.0

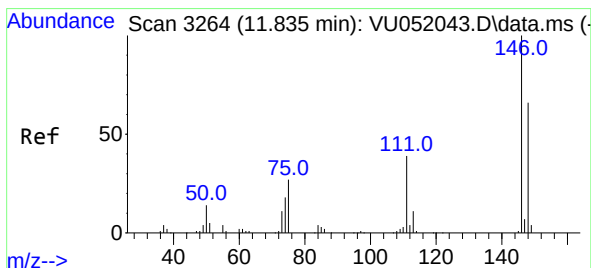
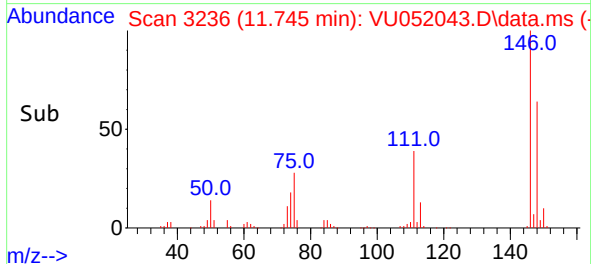
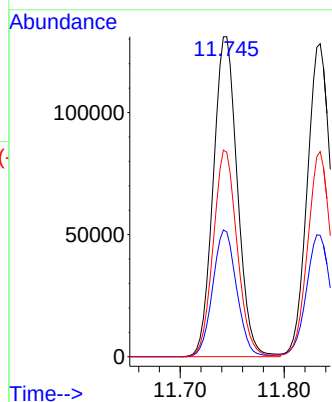
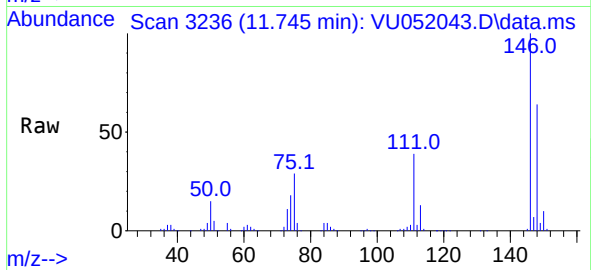




#64
1,3-Dichlorobenzene
Concen: 4.442 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

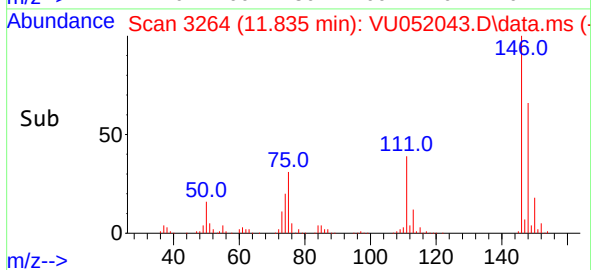
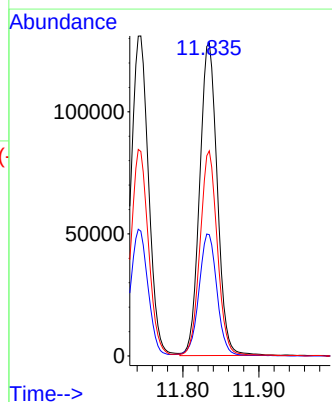
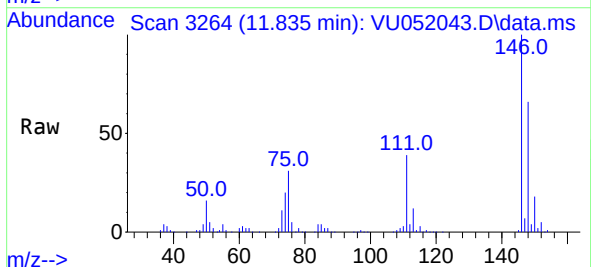
Instrument :
MSVOA_U
ClientSampleId :

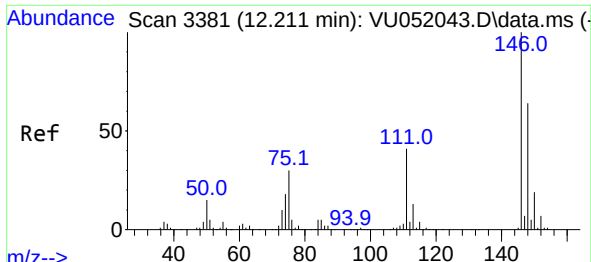
Tgt Ion:146 Resp: 211679
Ion Ratio Lower Upper
146 100
111 39.0 28.6 53.2
148 63.9 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.331 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:146 Resp: 205821
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 65.5 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.293 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

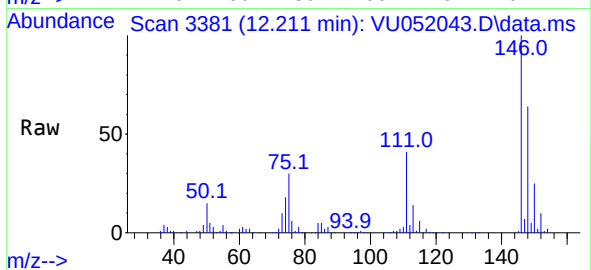
Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :



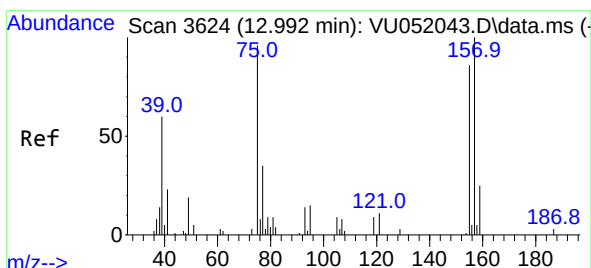
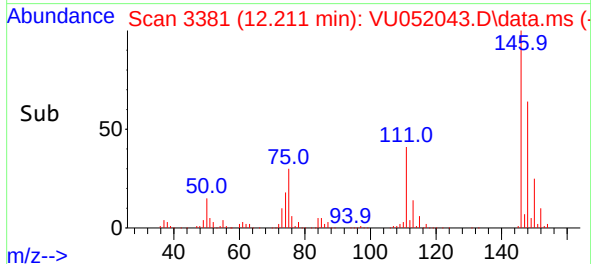
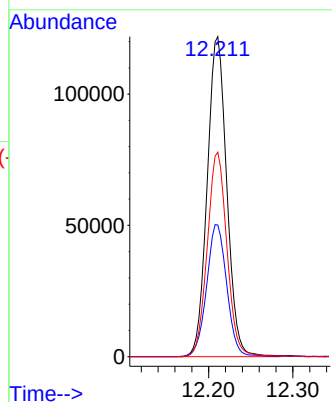
Tgt Ion:146 Resp: 196999

Ion Ratio Lower Upper

146 100

111 41.2 32.7 49.1

148 63.9 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 3.344 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

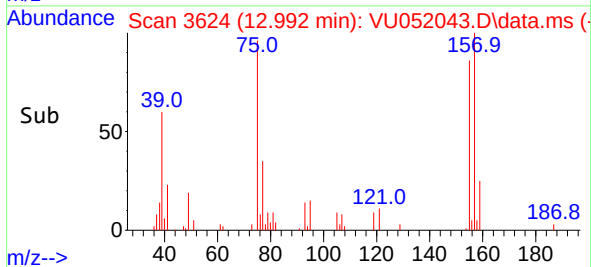
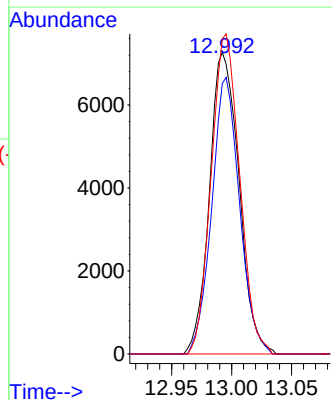
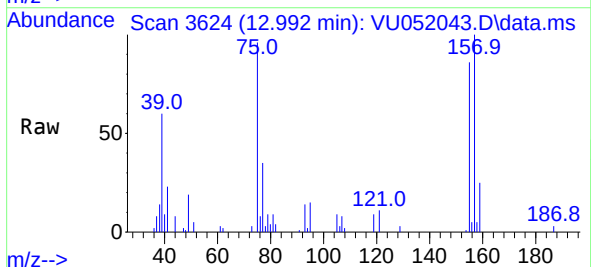
Tgt Ion: 75 Resp: 12441

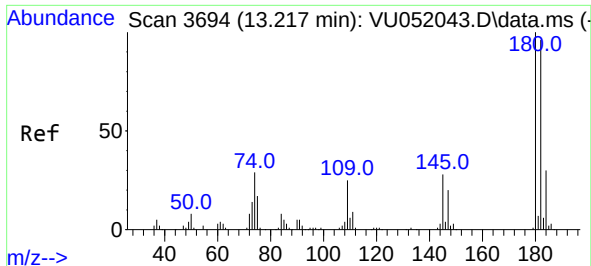
Ion Ratio Lower Upper

75 100

155 89.7 65.4 98.2

157 104.5 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 4.219 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

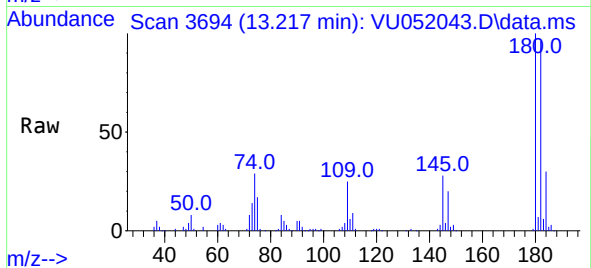
Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 142563

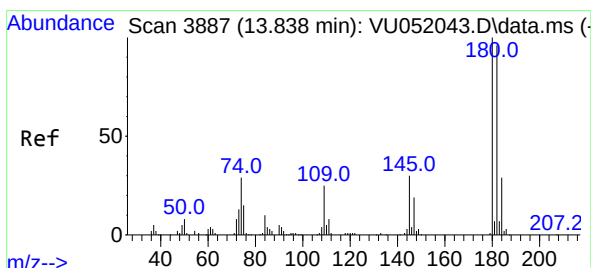
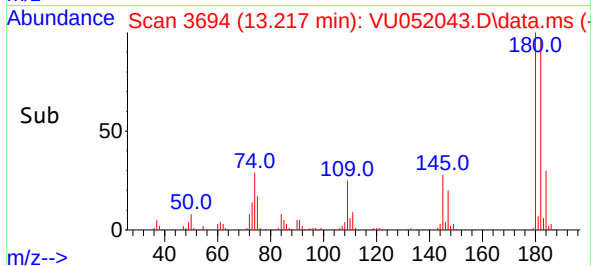
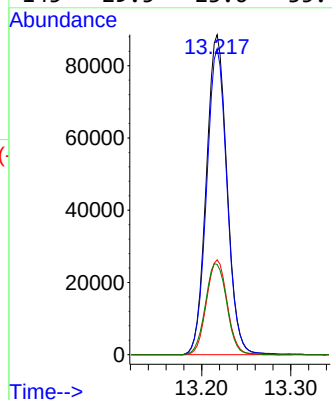
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

184 29.6 24.3 36.5

145 29.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.070 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU052043.D

Acq: 22 Nov 2022 15:30

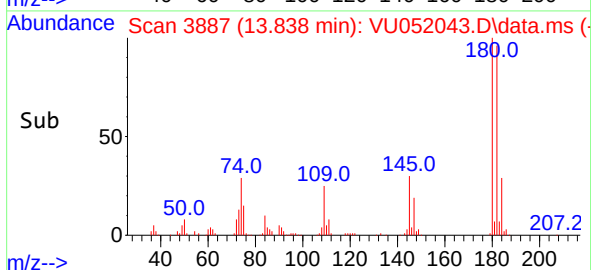
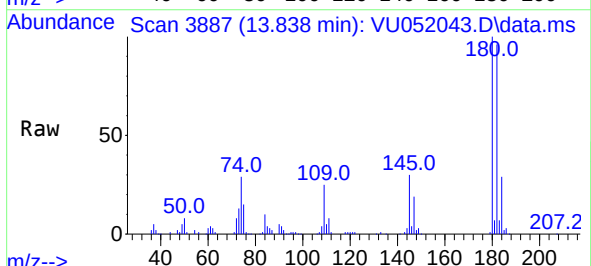
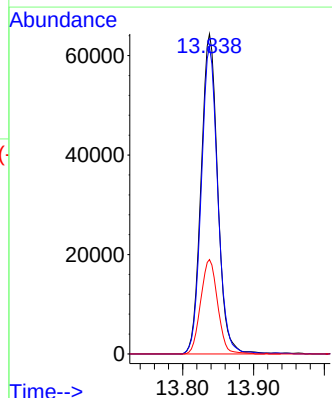
Tgt Ion:180 Resp: 104720

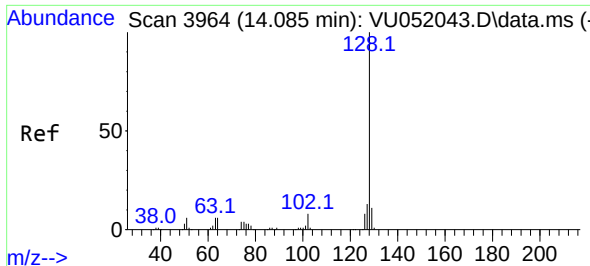
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 29.9 24.6 36.8

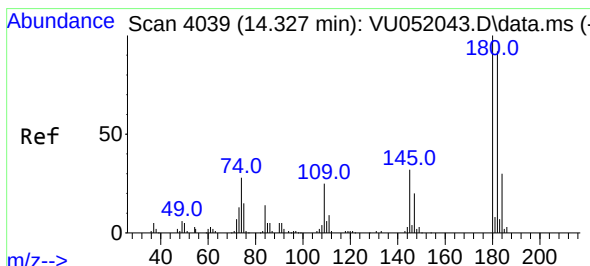
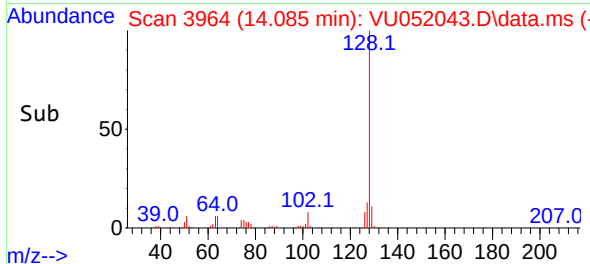
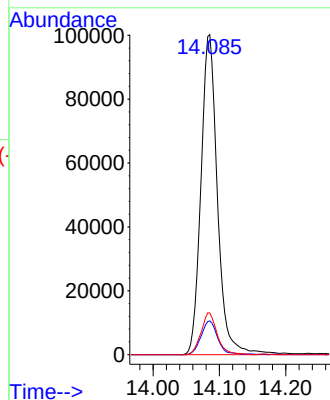
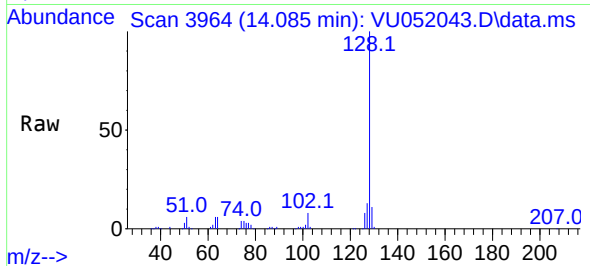




#71
Naphthalene
Concen: 3.589 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 173358
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.068 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052043.D
Acq: 22 Nov 2022 15:30

Tgt Ion:180 Resp: 102970
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 31.8 24.5 36.7

