

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051241.D
 Acq On : 08 Oct 2022 00:45
 Operator : JC/MD
 Sample : N4900-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFTOMS

Quant Time: Oct 08 04:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	173475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89065	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57481	4.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.906	69	55222	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.562	65	22212	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.620	46	165845	53.831	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.060	84	135895	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.700	65	70193	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	238661	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.687	67	83890	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	227144	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.179	79	28884	4.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.629	63	99439	49.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.820%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76368	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	74787	4.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58050	4.102	ug/L	98
3) Chloromethane	1.520	50	93486	4.705	ug/L	99
5) Vinyl chloride	1.601	62	91211	4.680	ug/L	95
6) Bromomethane	1.848	94	57933	5.459	ug/L	97
8) Chloroethane	1.928	64	59228	4.765	ug/L	96
9) Trichlorofluoromethane	2.134	101	96691	4.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	53511	3.969	ug/L	99
12) 1,1-Dichloroethene	2.578	96	54553	4.312	ug/L	88
13) Acetone	2.623	43	125543	54.331	ug/L	98
14) Carbon disulfide	2.790	76	171758	4.433	ug/L	99
15) Methyl Acetate	2.951	43	26814	4.773	ug/L	99
16) Methylene chloride	3.041	84	82368	4.409	ug/L	96
17) Methyl tert-butyl Ether	3.362	73	140561	4.851	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	61827	4.645	ug/L	99
19) 1,1-Dichloroethane	3.867	63	137568	5.009	ug/L	98
21) 2-Butanone	4.700	43	194588	53.434	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	70530	4.784	ug/L	98
23) Bromochloromethane	4.970	128	38182	5.428	ug/L	96
25) Chloroform	5.086	83	148173	5.165	ug/L	99

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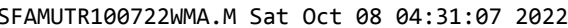
Instrument :
 MSVOA_U
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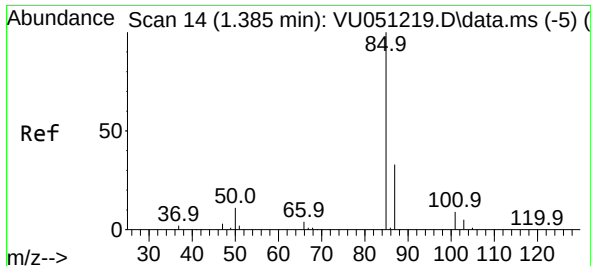
Quant Time: Oct 08 04:31:00 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	91252	5.310	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	102479	4.441	ug/L	99
30) Cyclohexane	5.385	56	64874	3.315	ug/L	98
31) Carbon tetrachloride	5.520	117	83307	4.267	ug/L	97
33) Benzene	5.771	78	304566	4.737	ug/L	100
34) Trichloroethene	6.539	95	67728	4.223	ug/L	99
35) Methylcyclohexane	6.761	83	64883	3.206	ug/L	98
37) 1,2-Dichloropropane	6.787	63	86108	4.887	ug/L	99
38) Bromodichloromethane	7.105	83	105311	5.010	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	95167	4.493	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	476698	51.563	ug/L	98
42) Toluene	7.967	91	320563	4.698	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	85433	4.665	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	63472	5.130	ug/L	97
47) Tetrachloroethene	8.552	164	47906	4.063	ug/L	98
48) 2-Hexanone	8.681	43	373865	54.313	ug/L	97
49) Dibromochloromethane	8.809	129	68297	4.916	ug/L	99
50) 1,2-Dibromoethane	8.922	107	56592	5.139	ug/L	99
51) Chlorobenzene	9.446	112	193351	4.742	ug/L	100
52) Ethylbenzene	9.568	91	267893	4.368	ug/L	99
53) m,p-Xylene	9.693	106	101152	4.253	ug/L	96
54) o-Xylene	10.099	106	101706	4.519	ug/L	98
55) Styrene	10.115	104	180732	4.665	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	83507	5.453	ug/L	98
59) Bromoform	10.291	173	36820	4.969	ug/L	98
60) Isopropylbenzene	10.481	105	244739	4.338	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	57452	5.108	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	59285	3.962	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	166586	3.936	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	131042	4.696	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	126769	4.609	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	131301	4.840	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	11055	5.139	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	83641	4.349	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	56545	4.136	ug/L	100
71) Naphthalene	14.086	128	96315	3.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	58531	4.139	ug/L	99

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

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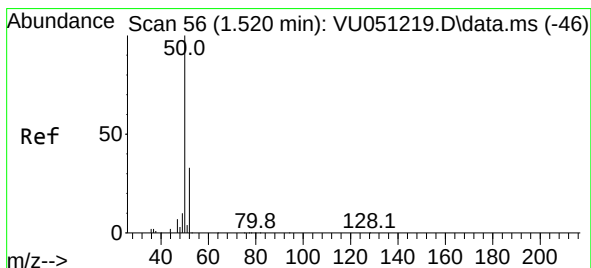
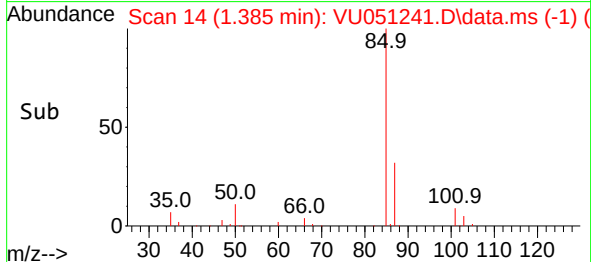
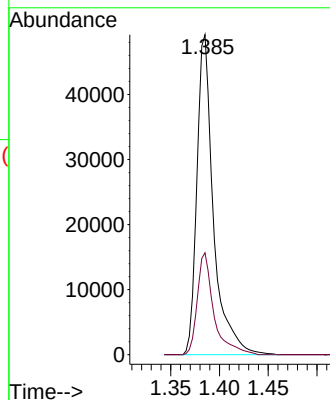
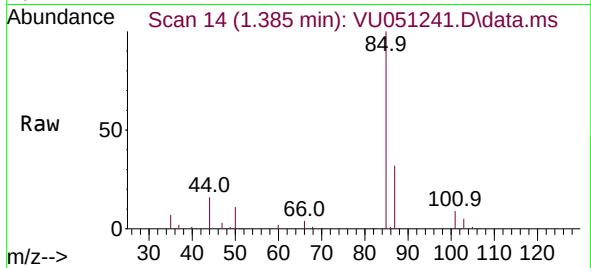




#2
Dichlorodifluoromethane
Concen: 4.102 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

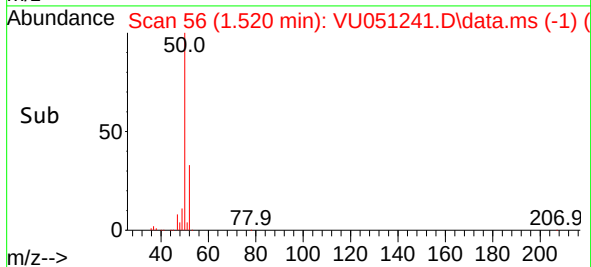
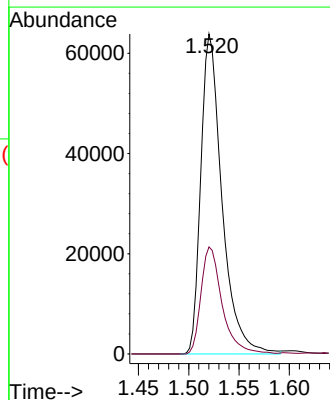
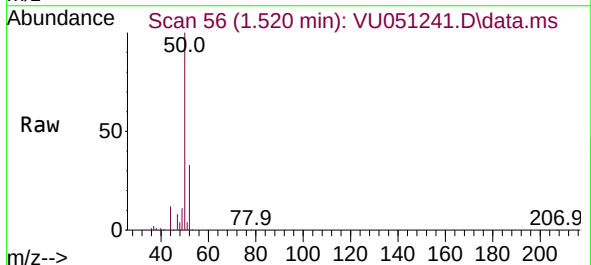
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

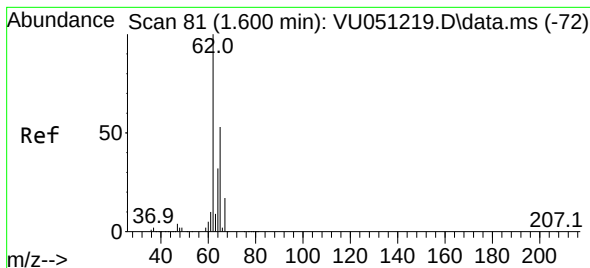
Tgt Ion: 85 Resp: 58050
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4



#3
Chloromethane
Concen: 4.705 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 50 Resp: 93486
Ion Ratio Lower Upper
50 100
52 33.4 22.9 42.5





#5

Vinyl chloride

Concen: 4.680 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

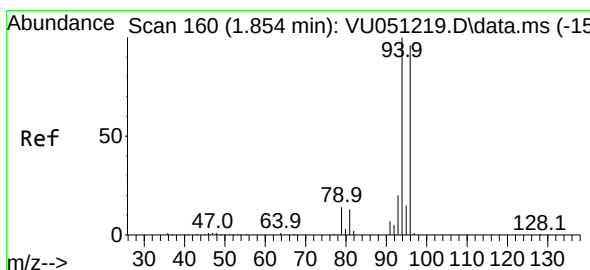
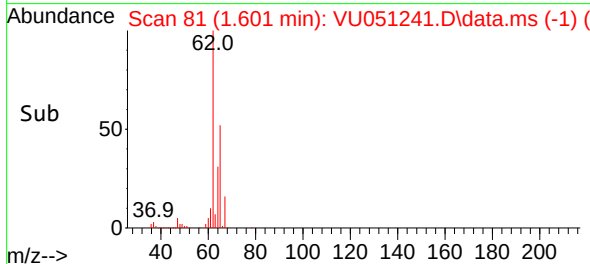
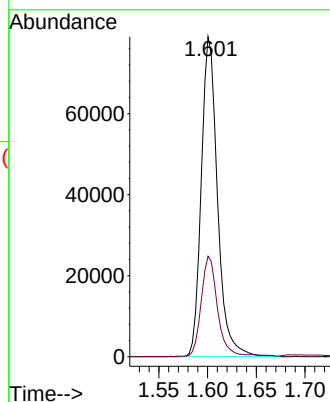
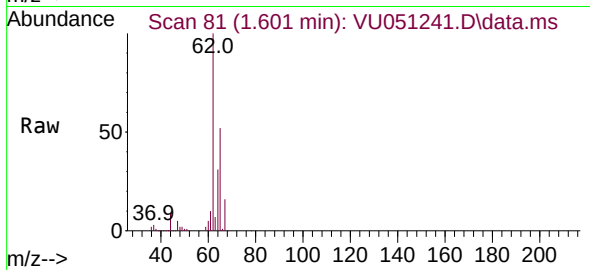
EXFTOMS

Tgt Ion: 62 Resp: 91211

Ion Ratio Lower Upper

62 100

64 31.4 24.0 44.6



#6

Bromomethane

Concen: 5.459 ug/L

RT: 1.848 min Scan# 158

Delta R.T. -0.006 min

Lab File: VU051241.D

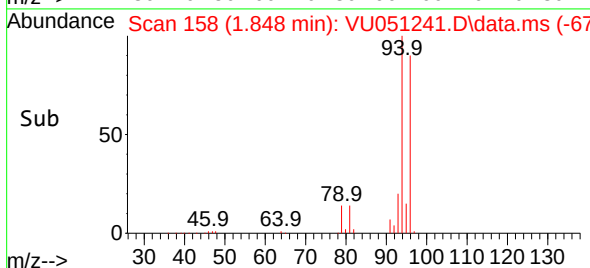
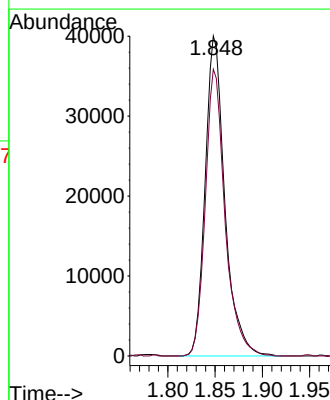
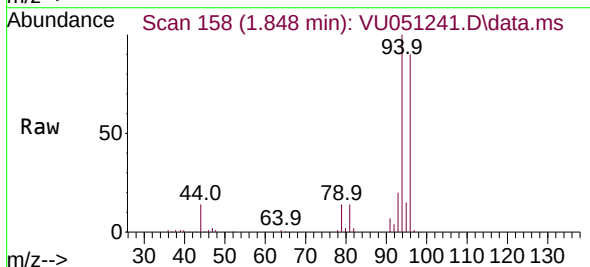
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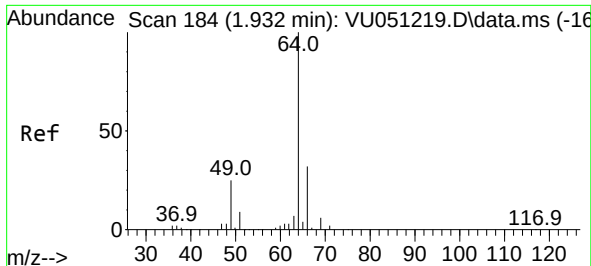
Tgt Ion: 94 Resp: 57933

Ion Ratio Lower Upper

94 100

96 89.6 64.9 120.5

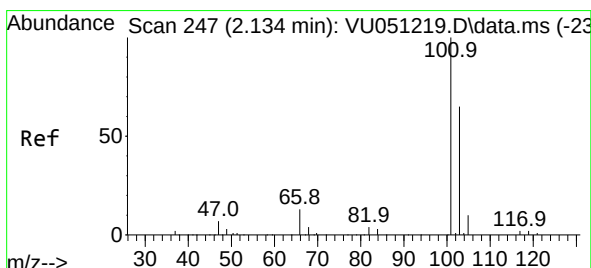
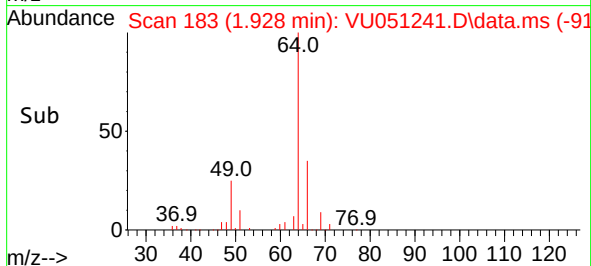
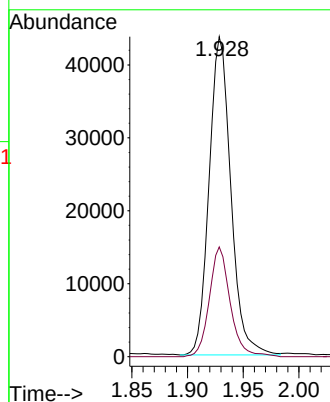
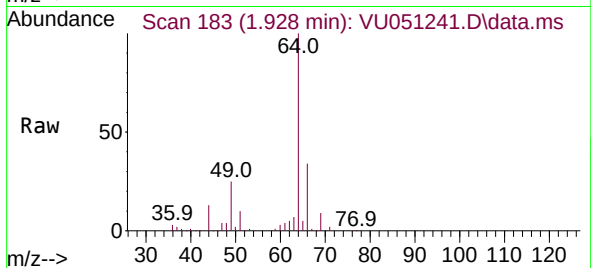




#8
Chloroethane
Concen: 4.765 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

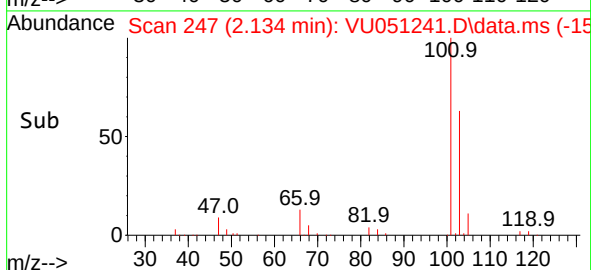
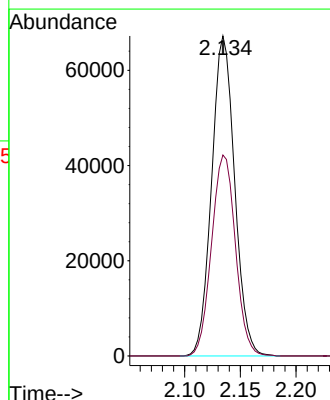
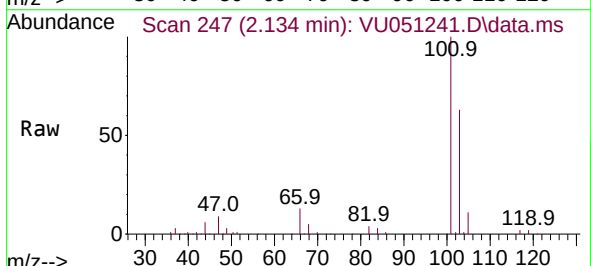
Instrument :
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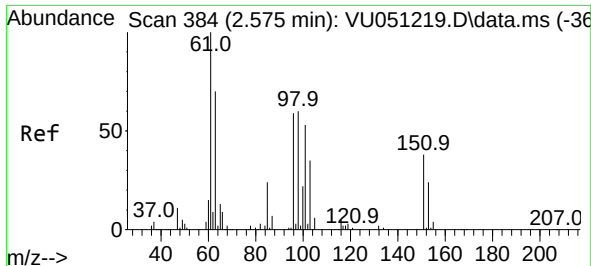
Tgt Ion: 64 Resp: 59228
Ion Ratio Lower Upper
64 100
66 34.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.304 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion:101 Resp: 96691
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

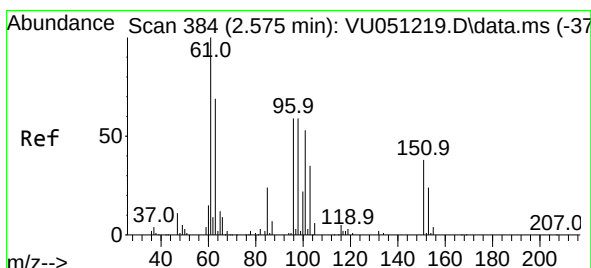
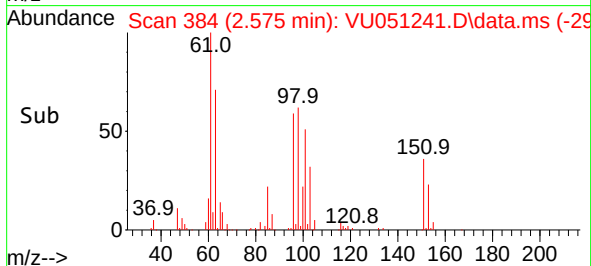
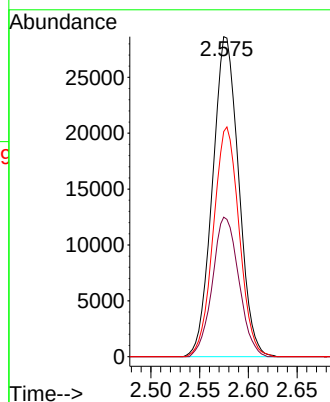
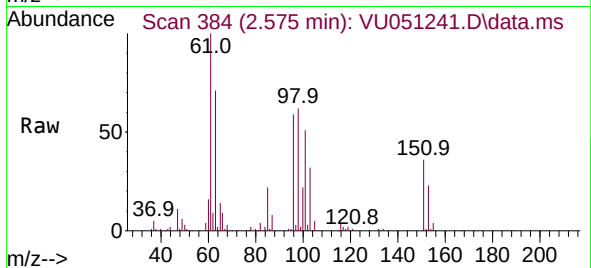




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.969 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

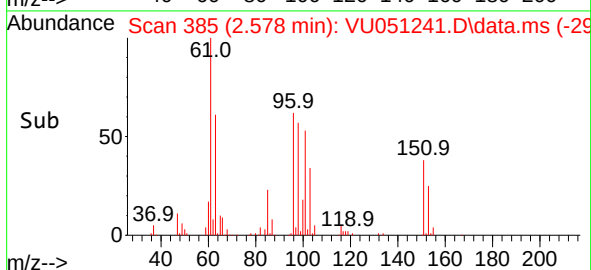
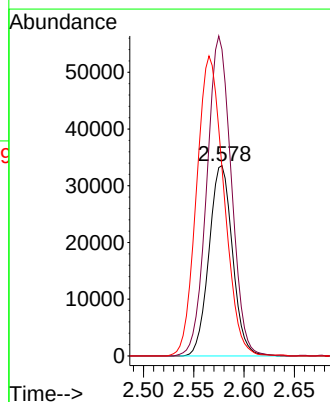
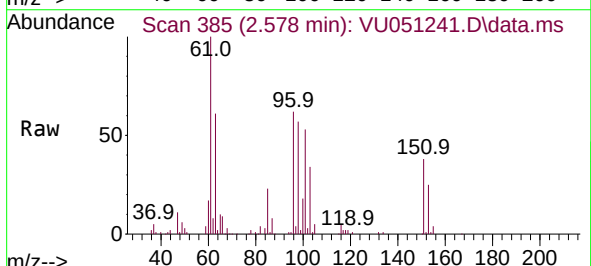
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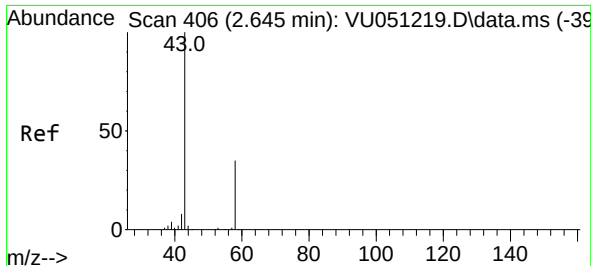
Tgt Ion: 101 Resp: 53511
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 70.9 56.5 84.7



#12
1,1-Dichloroethene
Concen: 4.312 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 96 Resp: 54553
Ion Ratio Lower Upper
96 100
61 161.0 117.6 218.4
63 98.9 85.2 158.2





#13

Acetone

Concen: 54.331 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.022 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

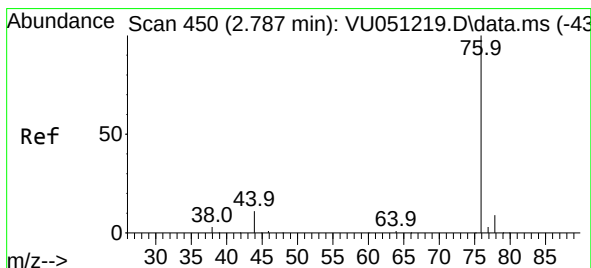
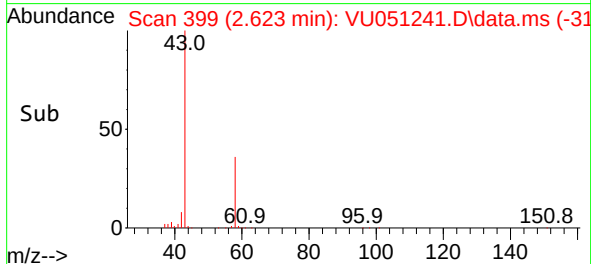
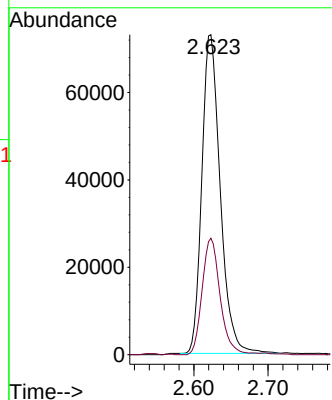
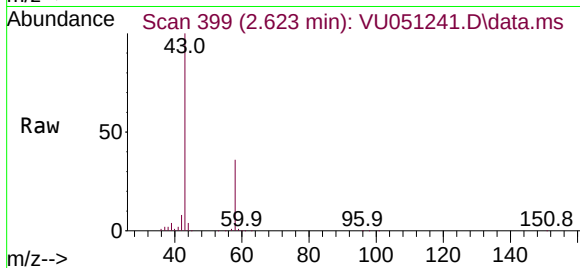
EXFTOMS

Tgt Ion: 43 Resp: 125543

Ion Ratio Lower Upper

43 100

58 35.7 0.0 68.8



#14

Carbon disulfide

Concen: 4.433 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU051241.D

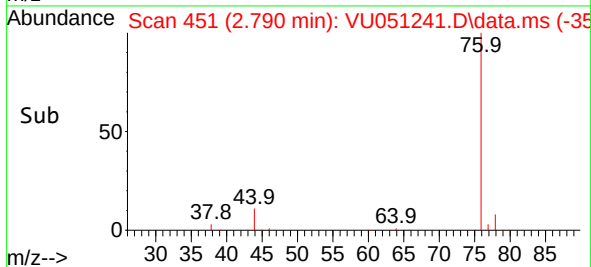
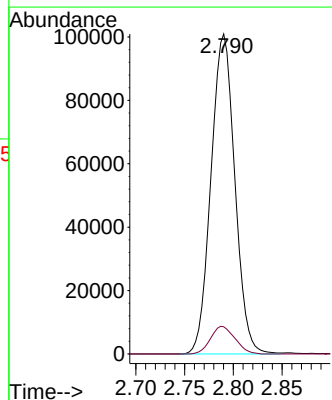
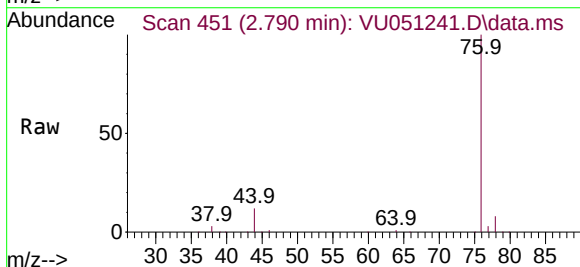
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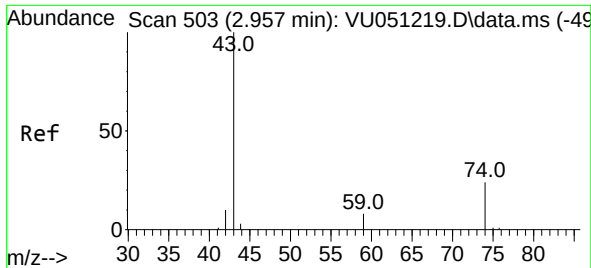
Tgt Ion: 76 Resp: 171758

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4

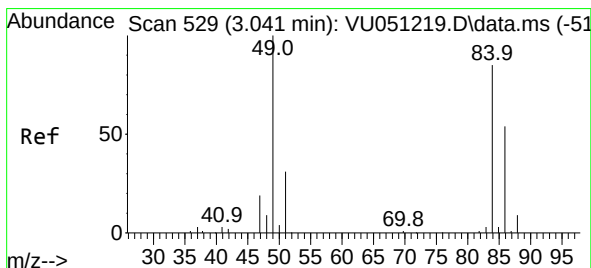
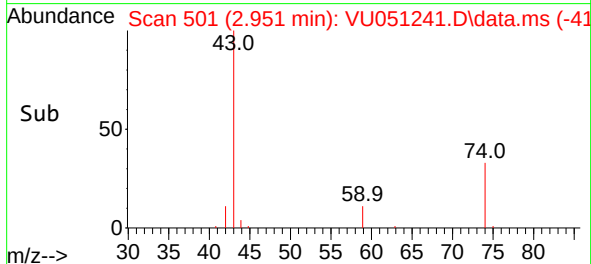
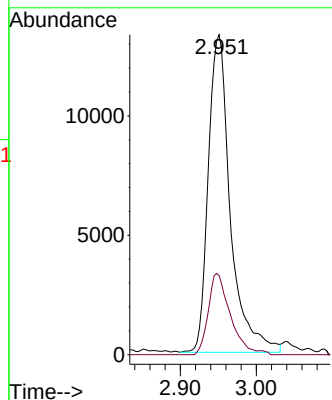
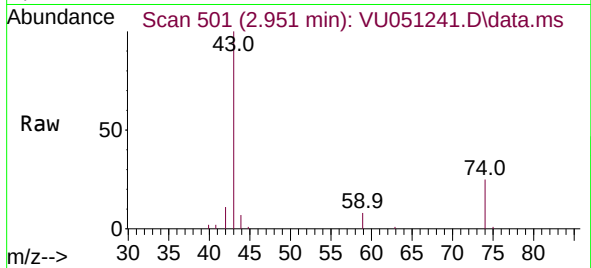




#15
Methyl Acetate
Concen: 4.773 ug/L
RT: 2.951 min Scan# 503
Delta R.T. -0.006 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

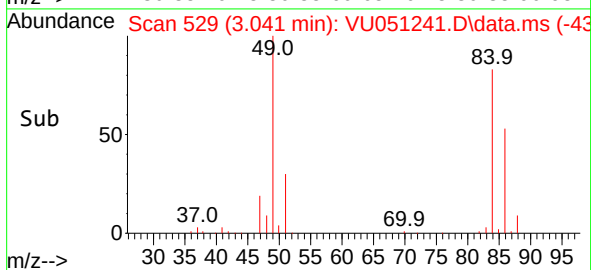
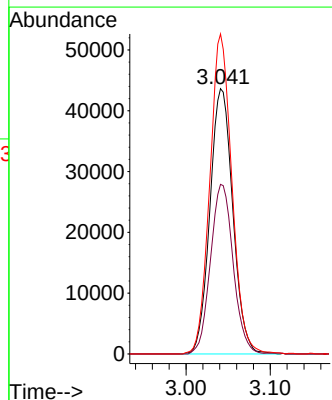
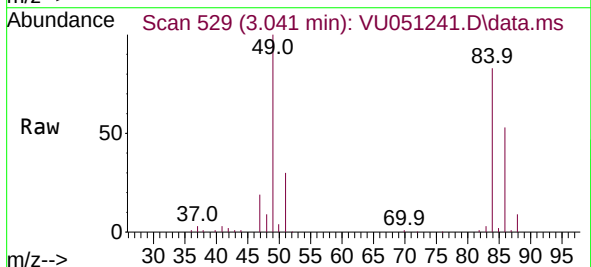
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

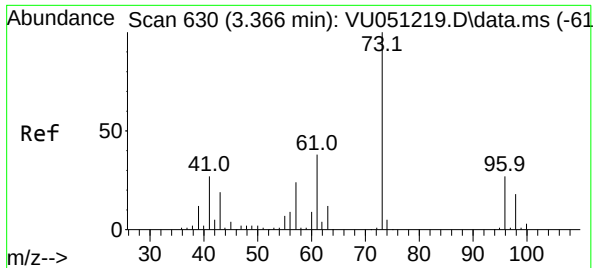
Tgt Ion: 43 Resp: 26814
Ion Ratio Lower Upper
43 100
74 25.6 20.0 30.0



#16
Methylene chloride
Concen: 4.409 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 84 Resp: 82368
Ion Ratio Lower Upper
84 100
86 63.9 46.5 86.3
49 120.7 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 4.851 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

EXFTOMS

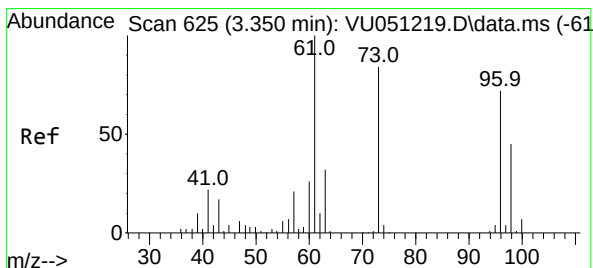
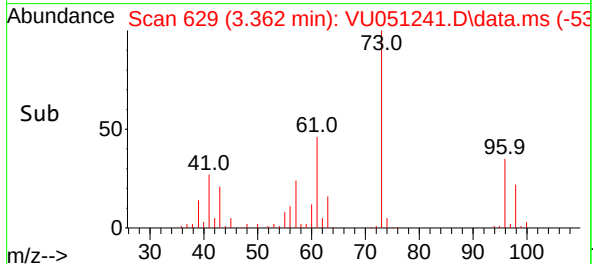
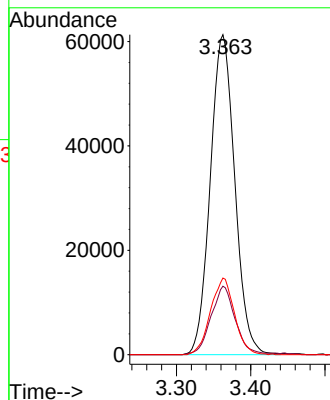
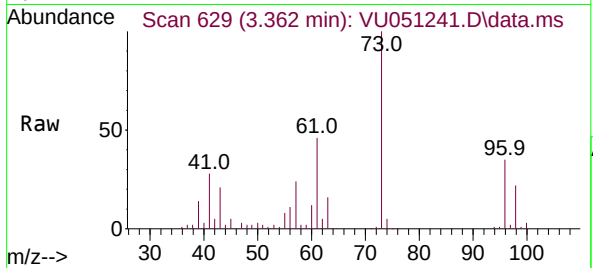
Tgt Ion: 73 Resp: 140561

Ion Ratio Lower Upper

73 100

43 21.2 15.4 23.0

57 23.4 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.645 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

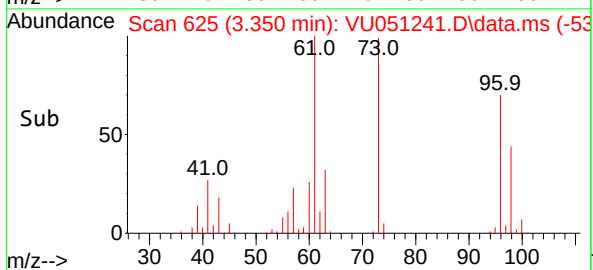
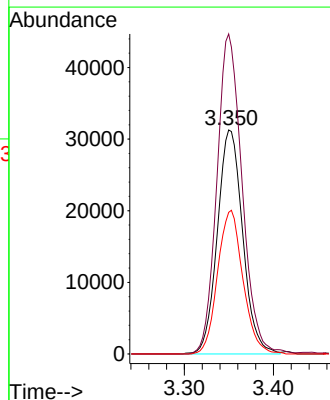
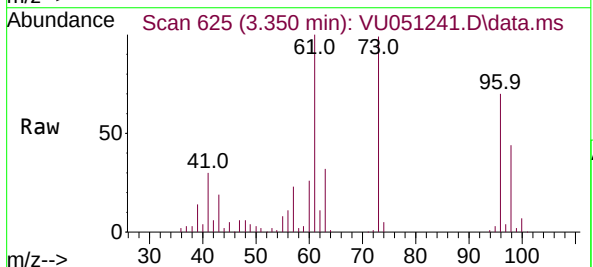
Tgt Ion: 96 Resp: 61827

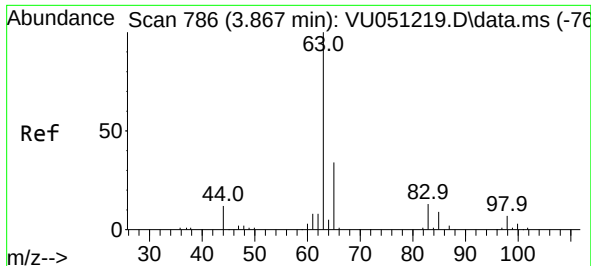
Ion Ratio Lower Upper

96 100

61 142.8 101.4 188.2

98 63.2 44.9 83.5

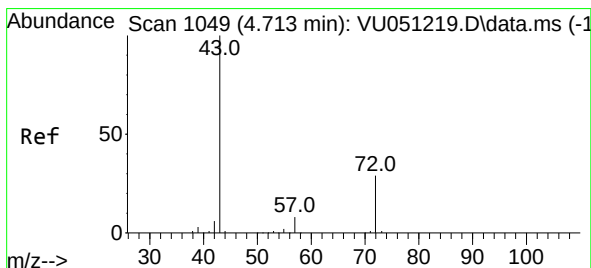
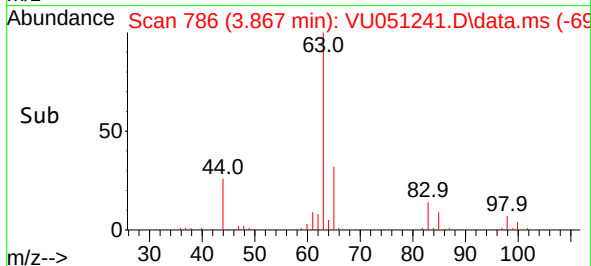
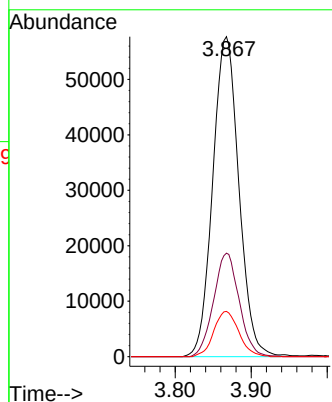
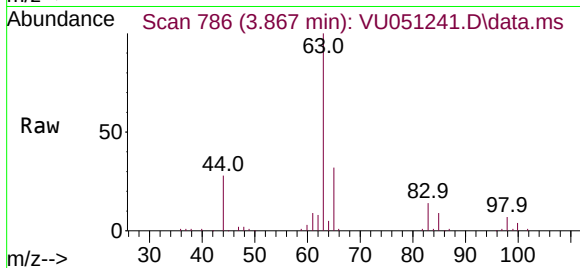




#19
1,1-Dichloroethane
Concen: 5.009 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

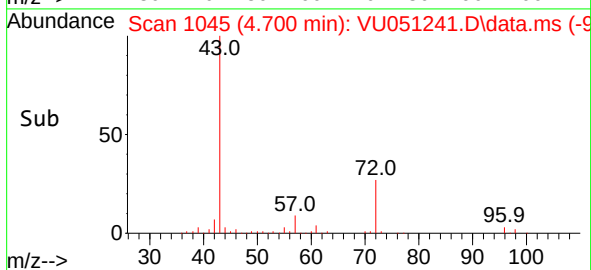
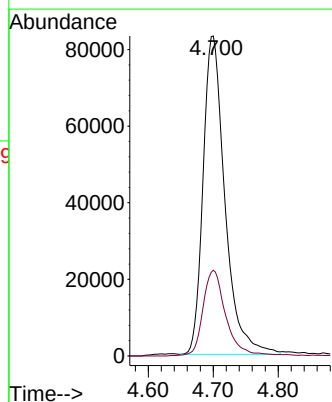
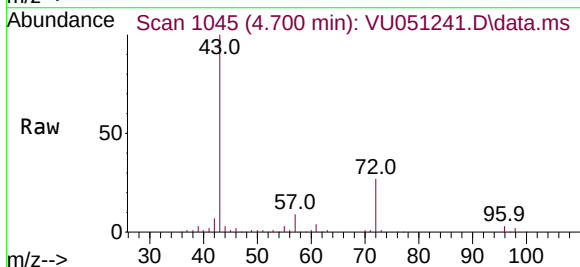
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

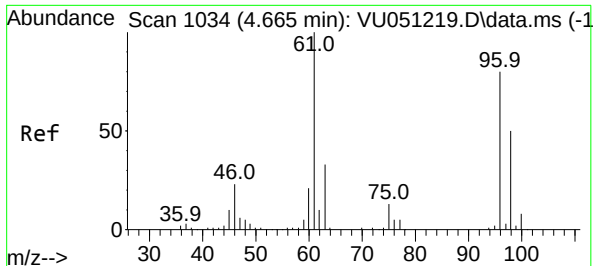
Tgt Ion: 63 Resp: 137568
Ion Ratio Lower Upper
63 100
65 32.3 22.0 41.0
83 14.2 9.0 16.6



#21
2-Butanone
Concen: 53.434 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.013 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 43 Resp: 194588
Ion Ratio Lower Upper
43 100
72 28.1 13.8 41.4

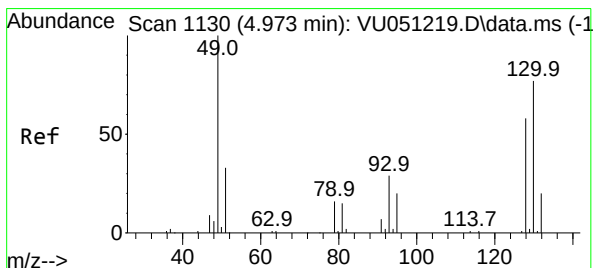
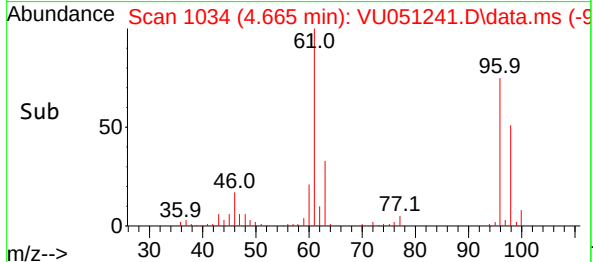
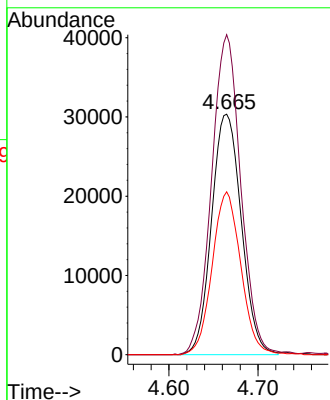
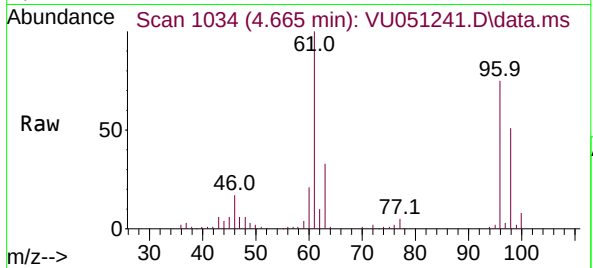




#22
 cis-1,2-Dichloroethene
 Concen: 4.784 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051241.D
 Acq: 08 Oct 2022 00:45

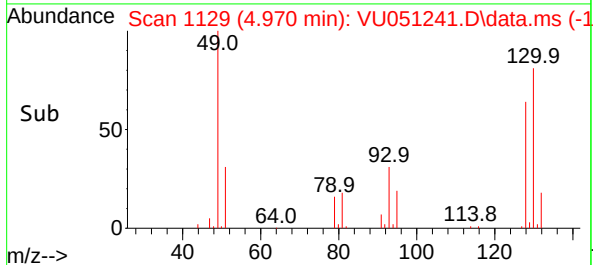
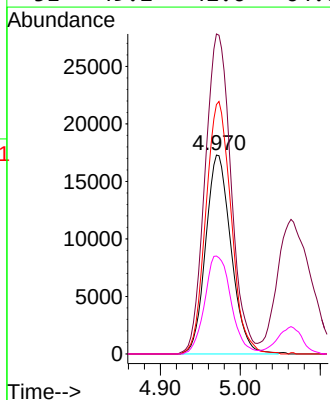
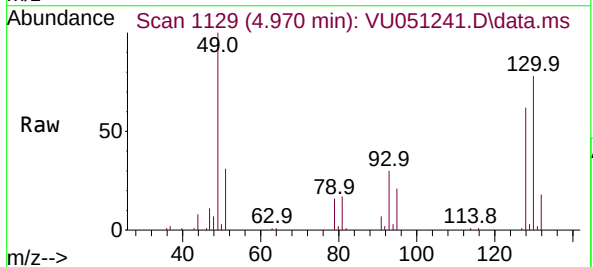
Instrument :
 MSVOA_U
 ClientSampleId :
 EXFTOMS

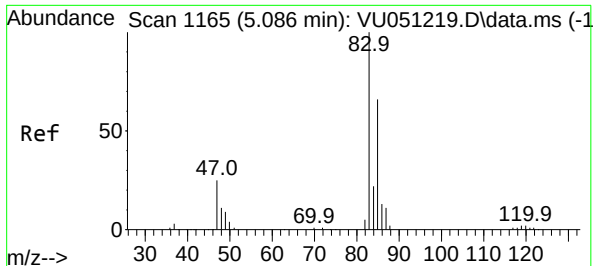
Tgt Ion: 96 Resp: 70530
 Ion Ratio Lower Upper
 96 100
 61 133.1 90.6 168.2
 98 67.7 47.5 88.3



#23
 Bromochloromethane
 Concen: 5.428 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU051241.D
 Acq: 08 Oct 2022 00:45

Tgt Ion: 128 Resp: 38182
 Ion Ratio Lower Upper
 128 100
 49 160.9 118.0 219.2
 130 125.4 88.8 164.8
 51 49.2 42.6 64.0





#25

Chloroform

Concen: 5.165 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

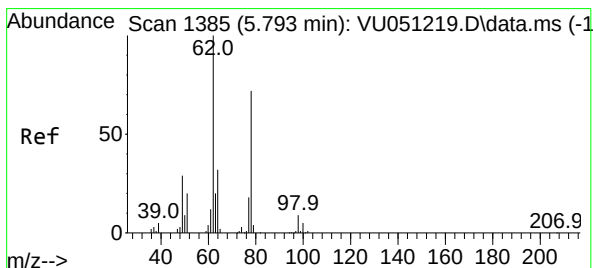
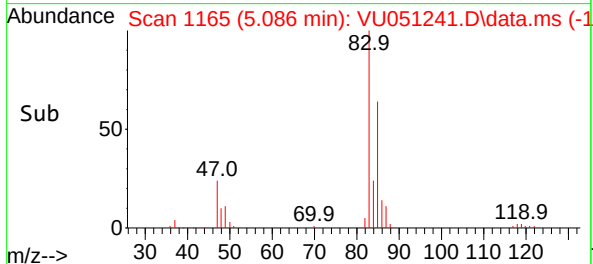
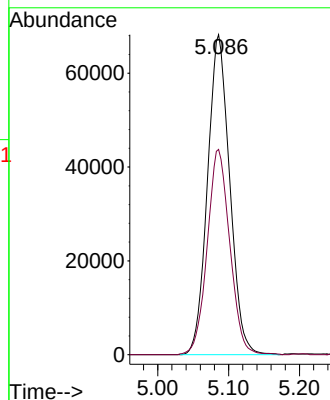
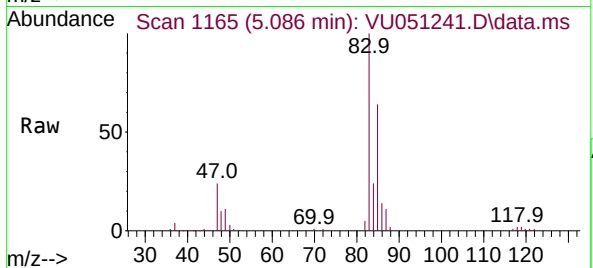
EXFTOMS

Tgt Ion: 83 Resp: 148173

Ion Ratio Lower Upper

83 100

85 64.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.310 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051241.D

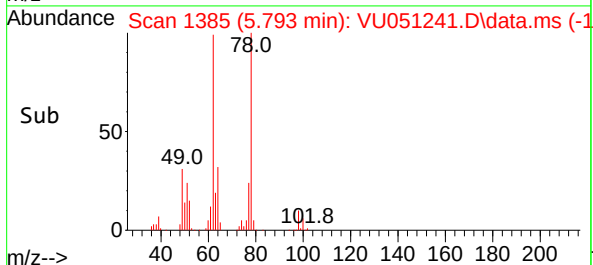
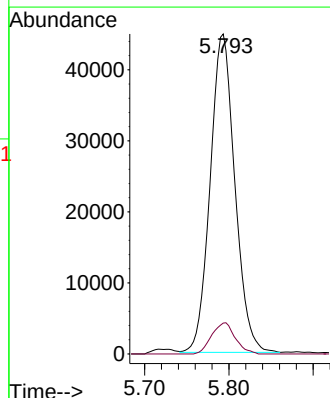
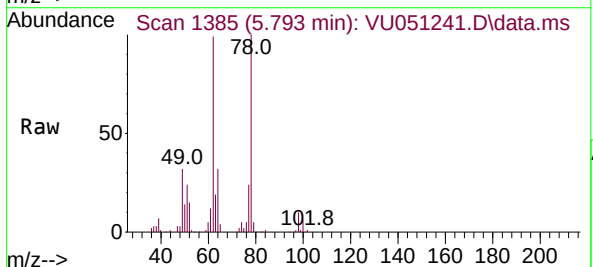
Acq: 08 Oct 2022 00:45

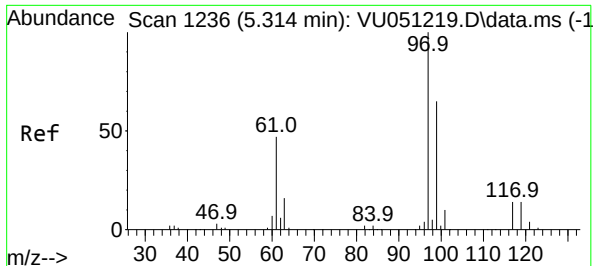
Tgt Ion: 62 Resp: 91252

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5

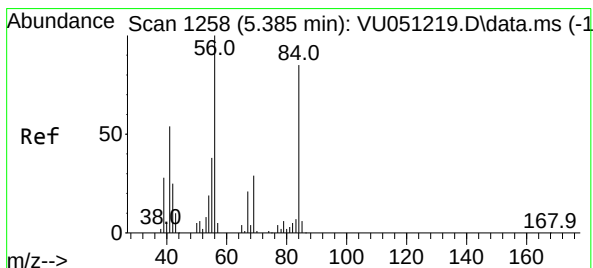
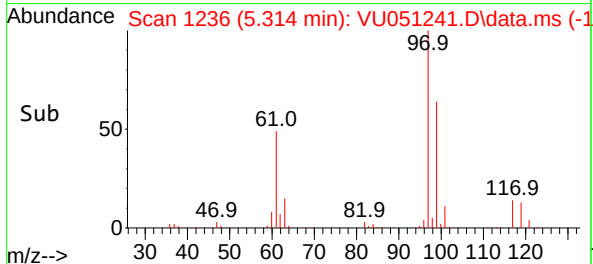
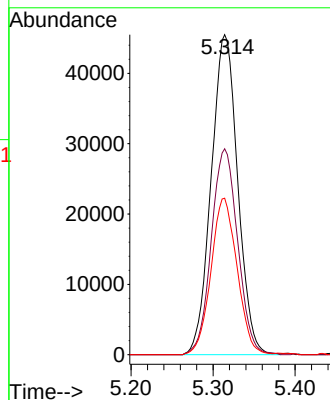
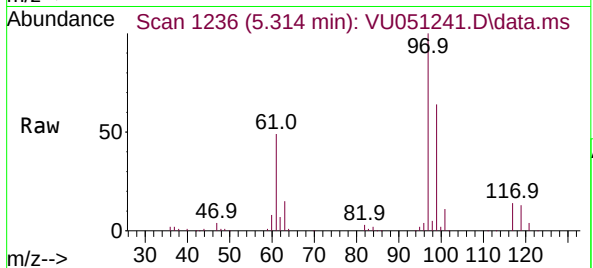




#29
1,1,1-Trichloroethane
Concen: 4.441 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

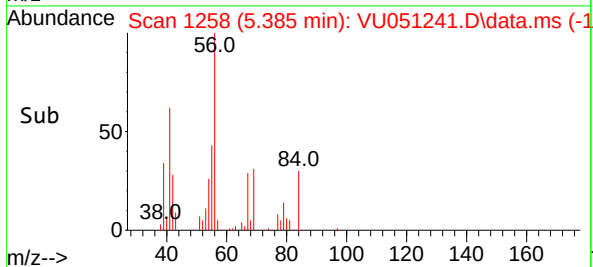
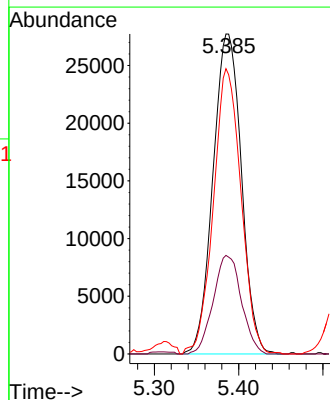
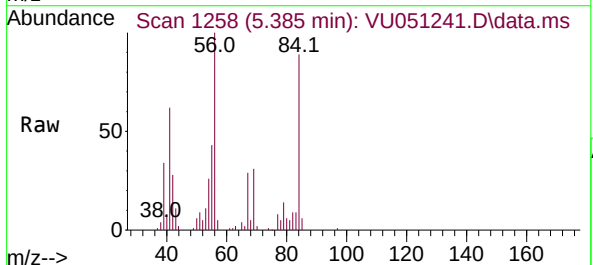
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

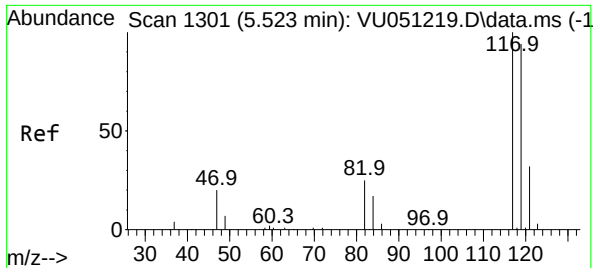
Tgt Ion: 97 Resp: 102479
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.4
61 48.1 38.7 58.1



#30
Cyclohexane
Concen: 3.315 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 56 Resp: 64874
Ion Ratio Lower Upper
56 100
69 30.5 25.1 37.7
84 86.7 70.9 106.3

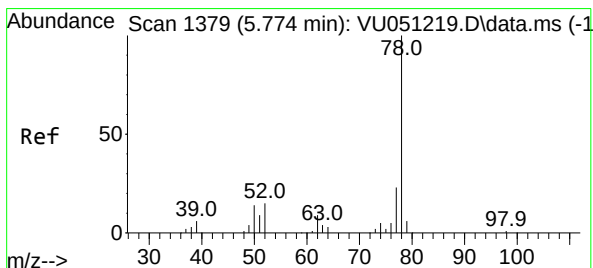
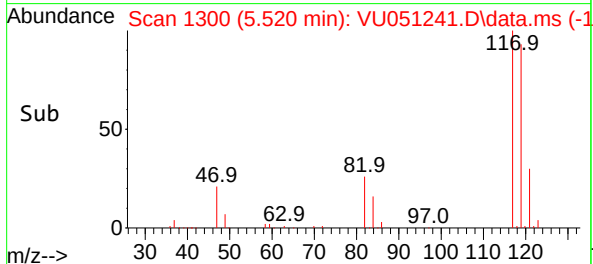
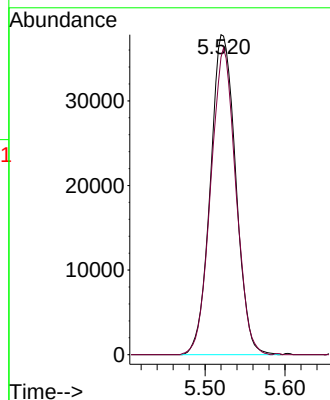
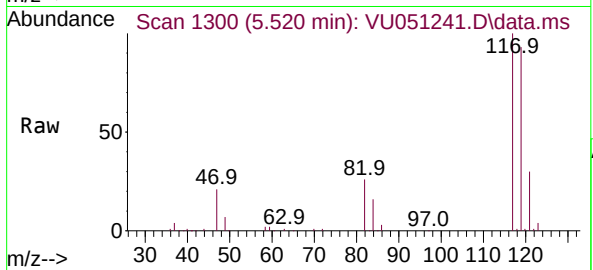




#31
Carbon tetrachloride
Concen: 4.267 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

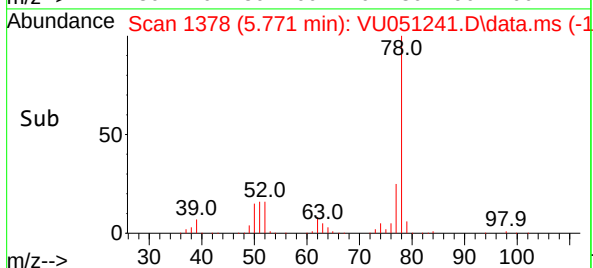
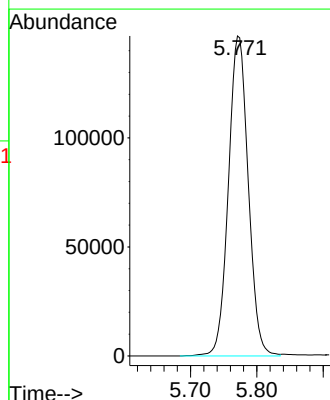
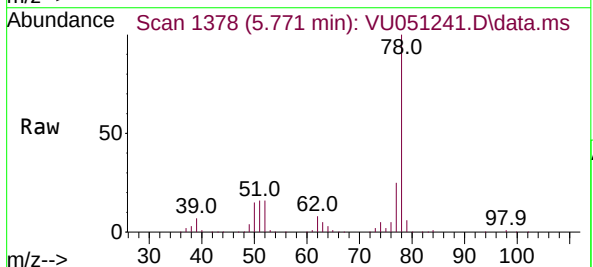
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

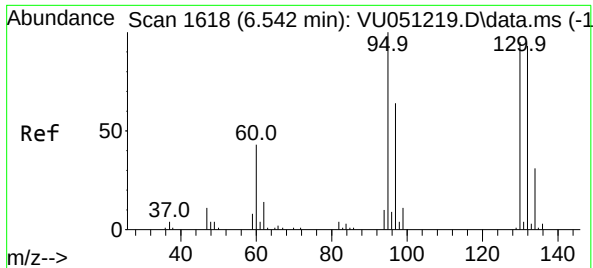
Tgt Ion:117 Resp: 83307
Ion Ratio Lower Upper
117 100
119 94.6 78.4 117.6



#33
Benzene
Concen: 4.737 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 78 Resp: 304566

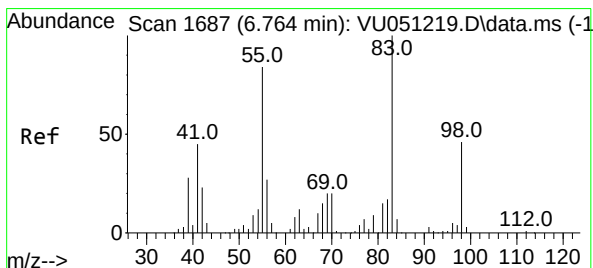
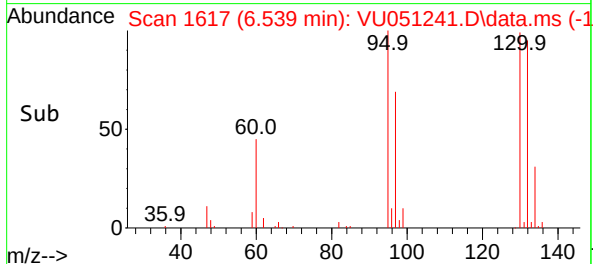
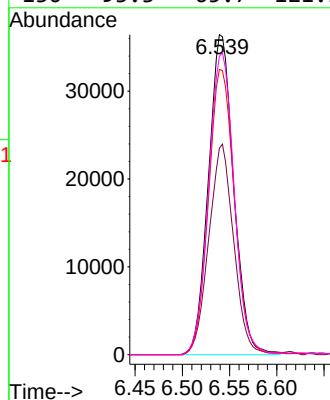
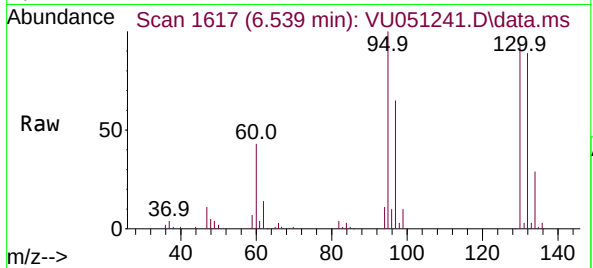




#34
Trichloroethene
Concen: 4.223 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

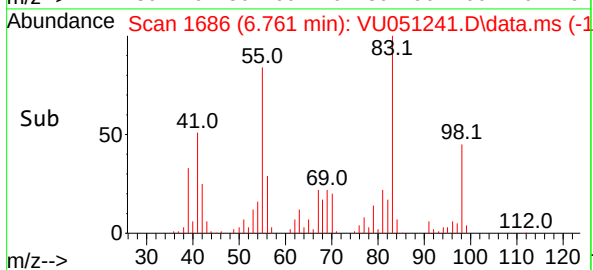
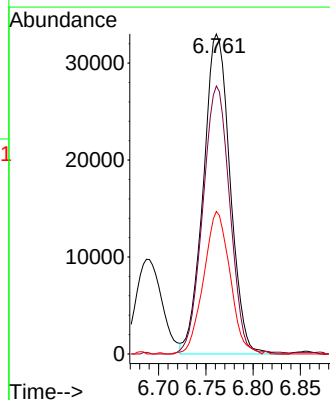
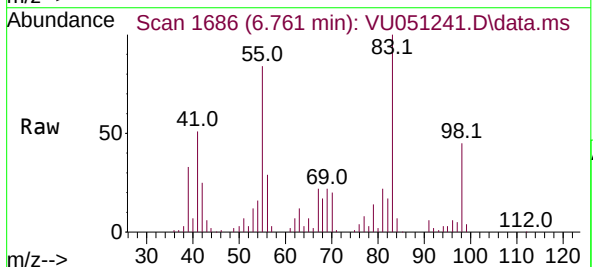
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

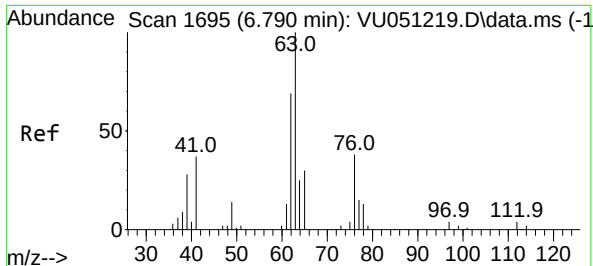
Tgt Ion: 95 Resp: 67728
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.2
132 89.2 63.1 117.3
130 93.3 65.7 121.9



#35
Methylcyclohexane
Concen: 3.206 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 83 Resp: 64883
Ion Ratio Lower Upper
83 100
55 84.3 65.8 98.6
98 43.8 35.9 53.9





#37

1,2-Dichloropropane

Concen: 4.887 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

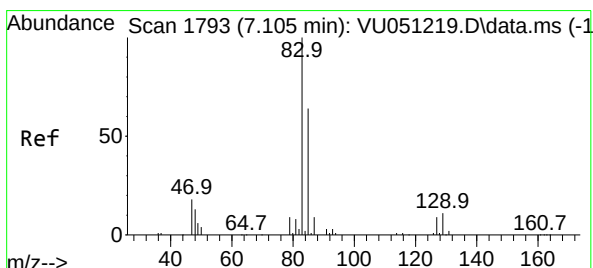
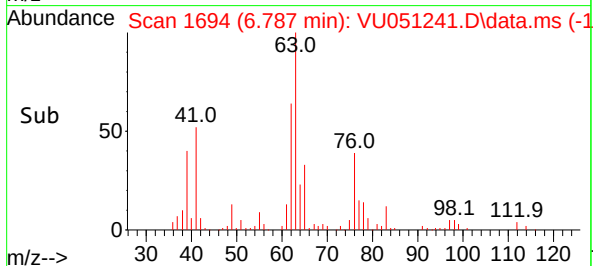
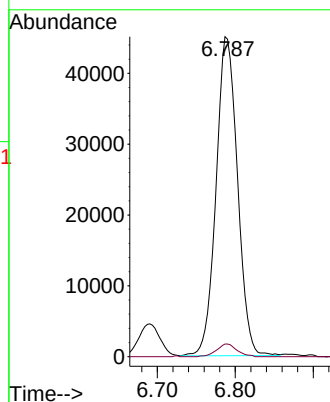
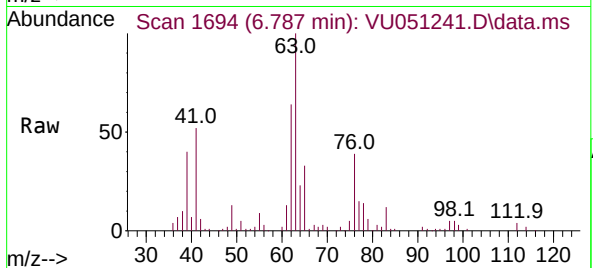
EXFTOMS

Tgt Ion: 63 Resp: 86108

Ion Ratio Lower Upper

63 100

112 3.8 3.2 4.8



#38

Bromodichloromethane

Concen: 5.010 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

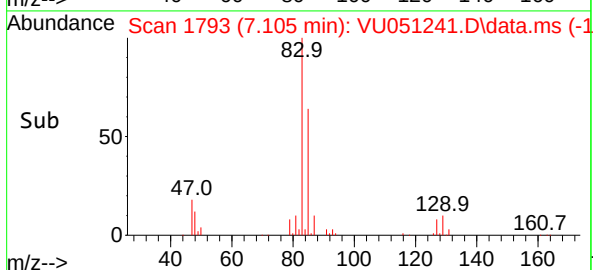
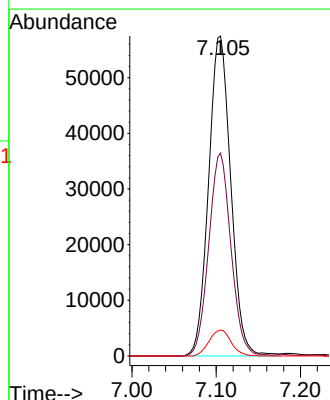
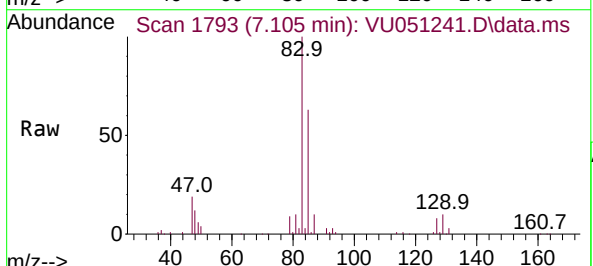
Tgt Ion: 83 Resp: 105311

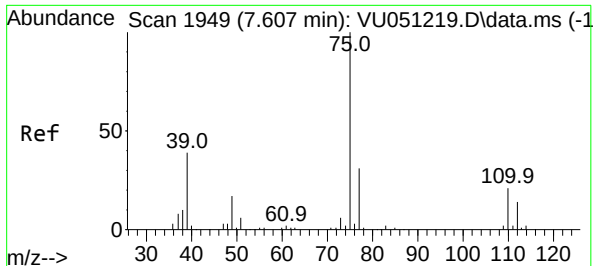
Ion Ratio Lower Upper

83 100

85 63.4 44.8 83.2

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.493 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

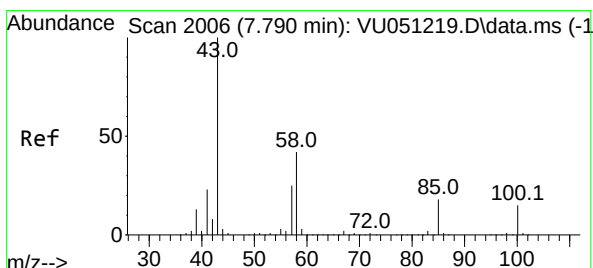
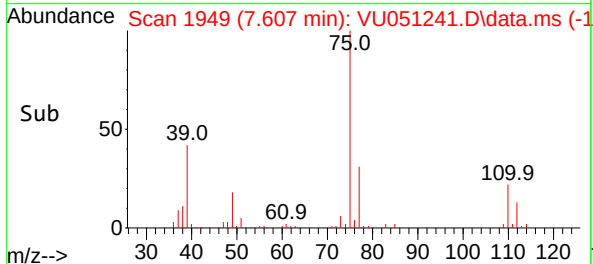
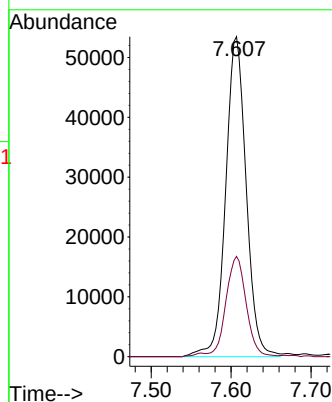
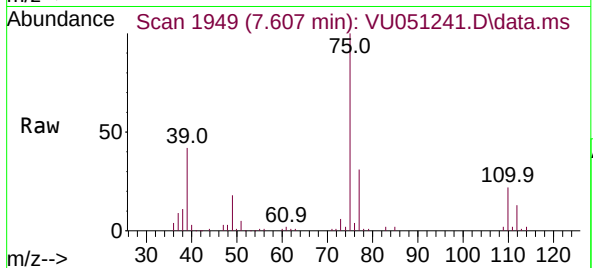
EXFTOMS

Tgt Ion: 75 Resp: 95167

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 51.563 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

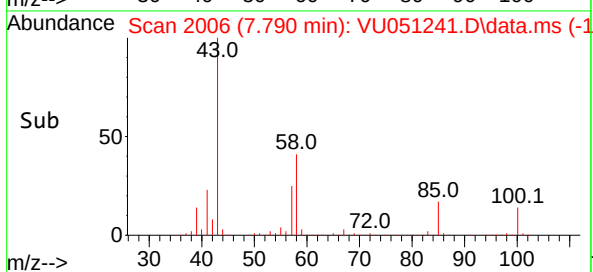
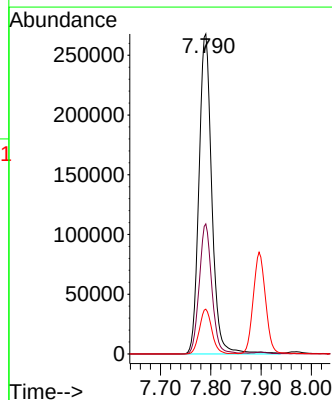
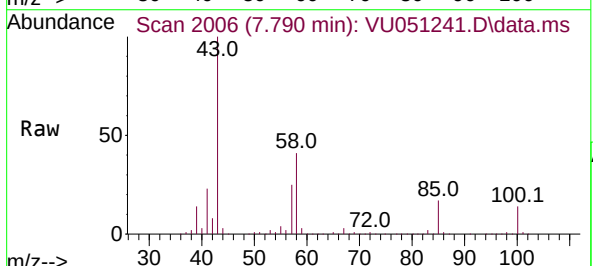
Tgt Ion: 43 Resp: 476698

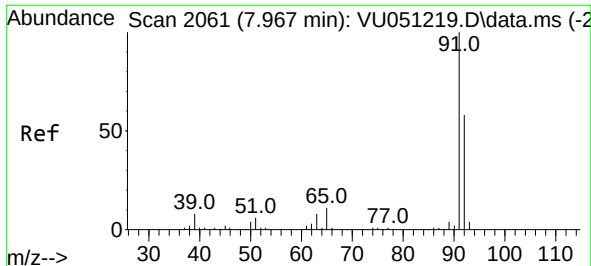
Ion Ratio Lower Upper

43 100

58 39.8 33.0 49.6

100 13.6 11.8 17.6

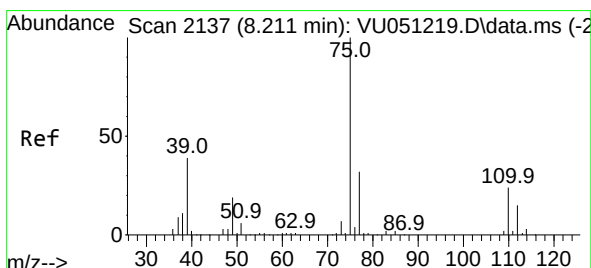
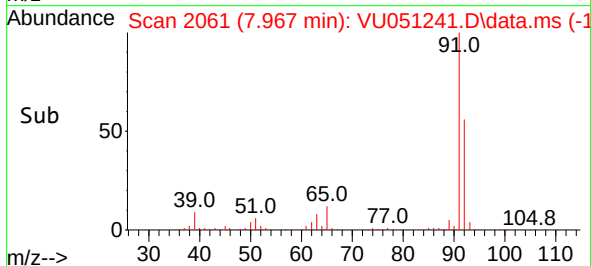
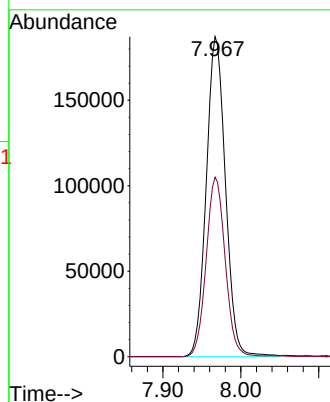
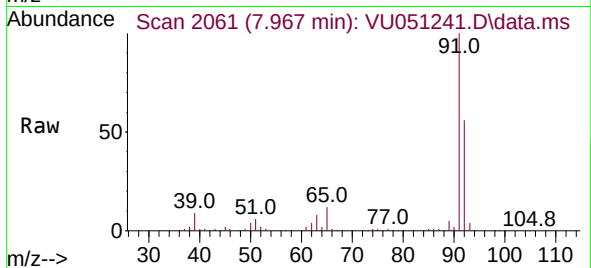




#42
Toluene
Concen: 4.698 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

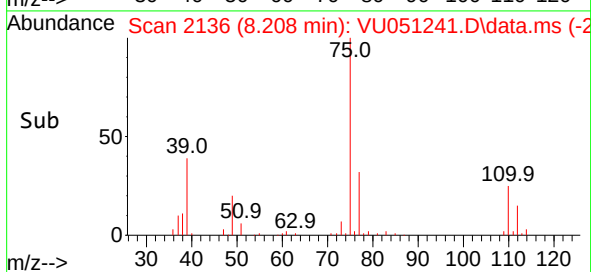
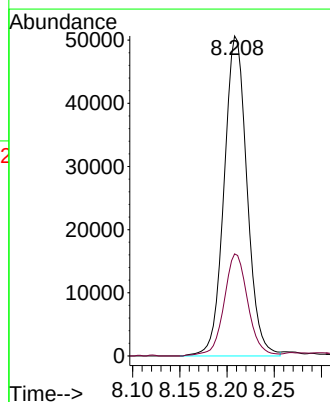
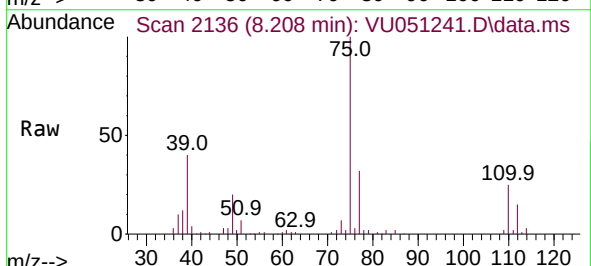
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

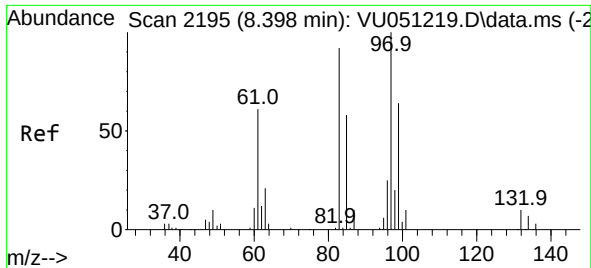
Tgt Ion: 91 Resp: 320563
Ion Ratio Lower Upper
91 100
92 56.1 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 4.665 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 75 Resp: 85433
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6



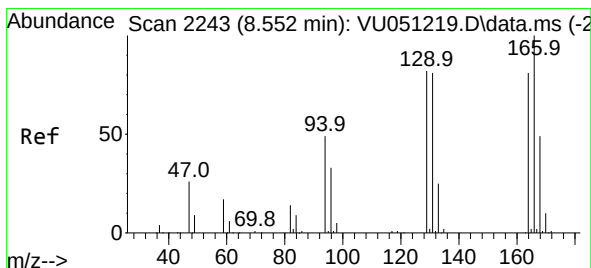
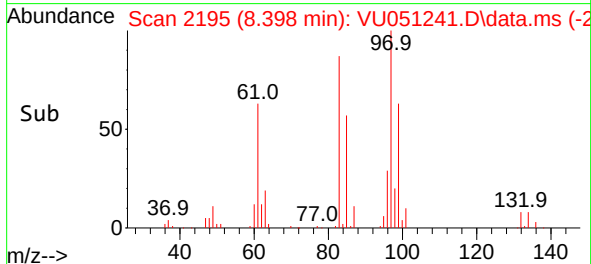
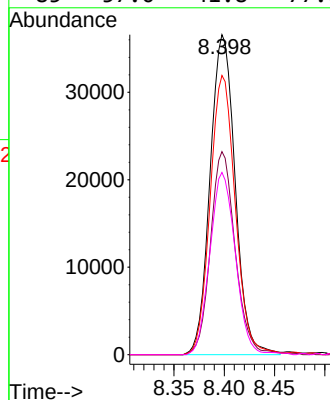
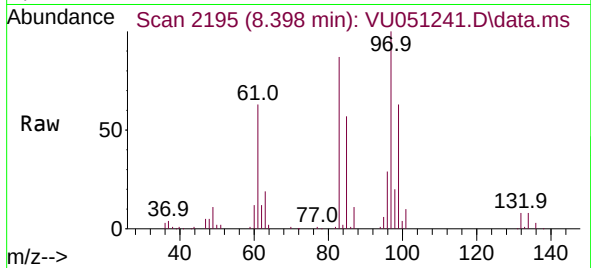


#45
1,1,2-Trichloroethane
Concen: 5.130 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

Tgt Ion: 97 Resp: 63472

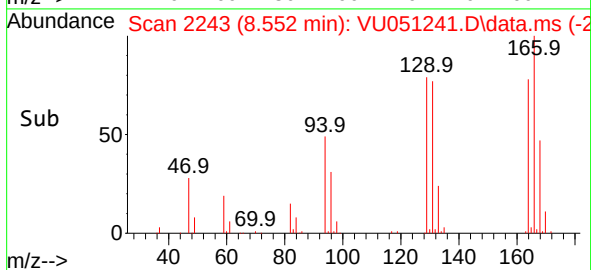
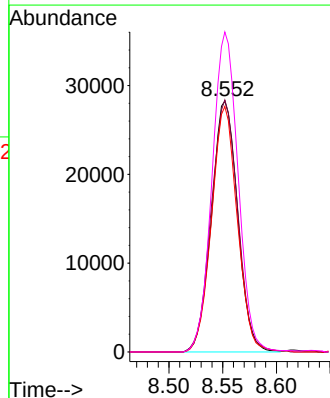
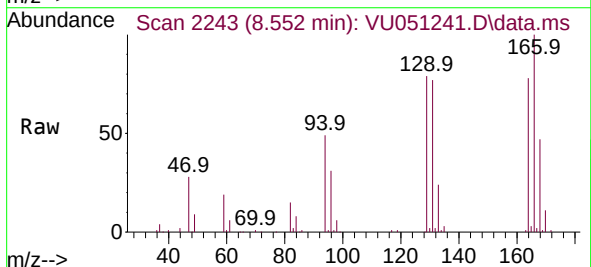
Ion	Ratio	Lower	Upper
97	100		
99	63.5	45.3	84.1
83	87.3	63.1	117.1
85	57.0	41.8	77.6

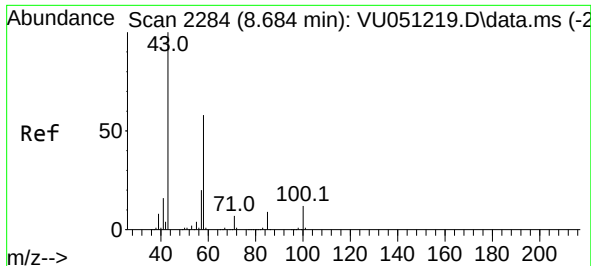


#47
Tetrachloroethene
Concen: 4.063 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 164 Resp: 47906

Ion	Ratio	Lower	Upper
164	100		
129	100.4	71.3	132.3
131	97.8	66.9	124.3
166	127.5	90.9	168.7

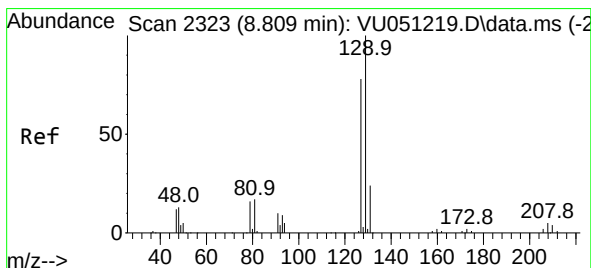
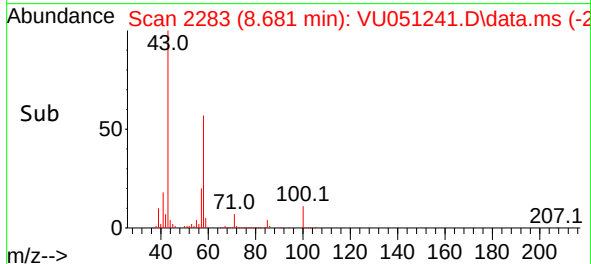
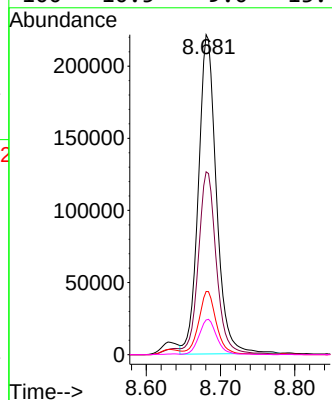
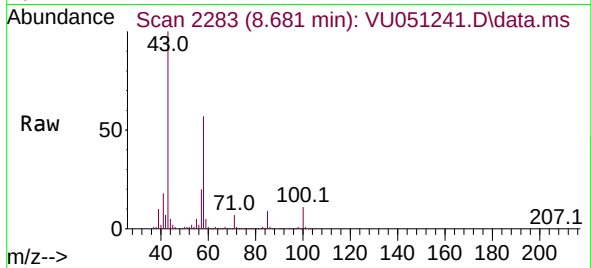




#48
2-Hexanone
Concen: 54.313 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

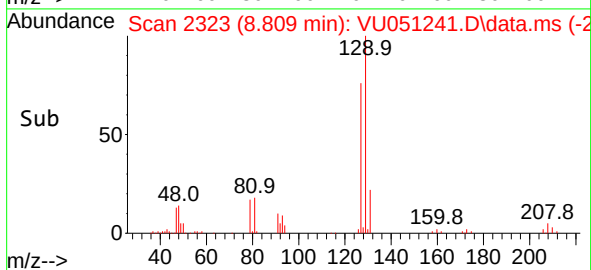
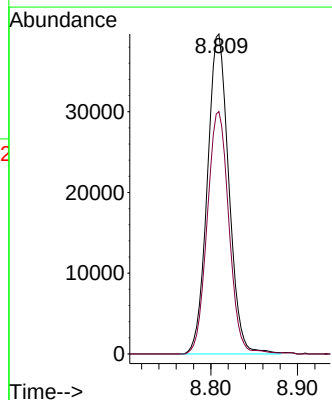
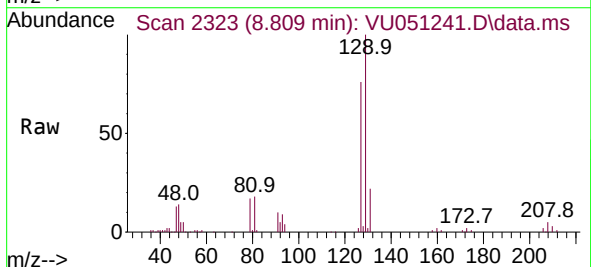
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

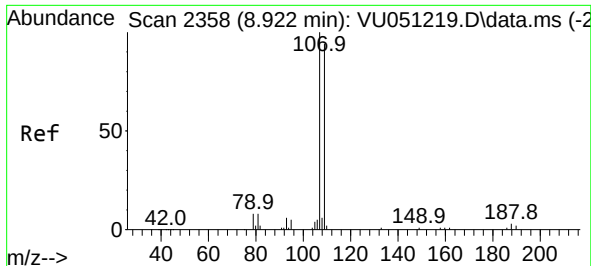
Tgt Ion: 43 Resp: 373865
Ion Ratio Lower Upper
43 100
58 57.0 48.2 72.2
57 19.4 15.5 23.3
100 10.5 9.0 13.4



#49
Dibromochloromethane
Concen: 4.916 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 129 Resp: 68297
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.139 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

EXFTOMS

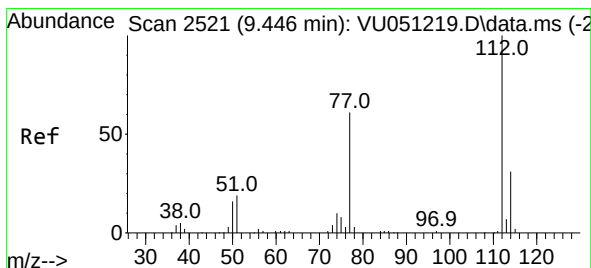
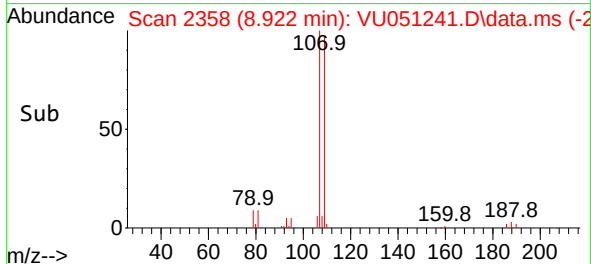
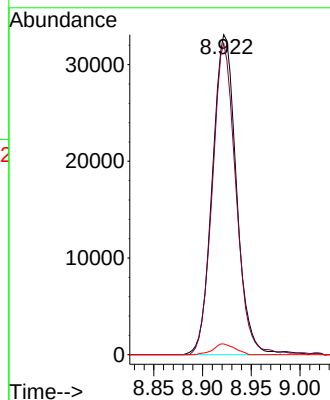
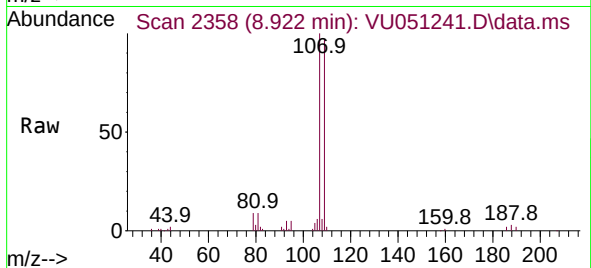
Tgt Ion:107 Resp: 56592

Ion Ratio Lower Upper

107 100

109 97.2 67.1 124.7

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 4.742 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

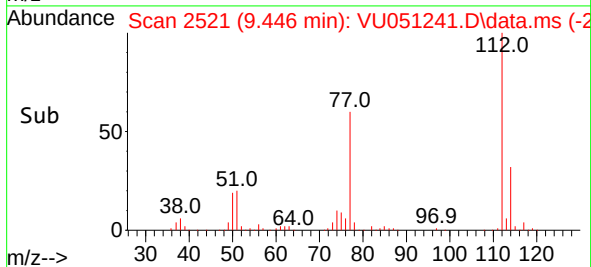
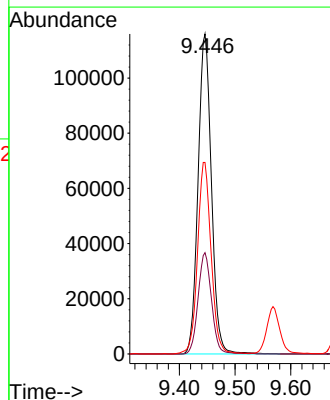
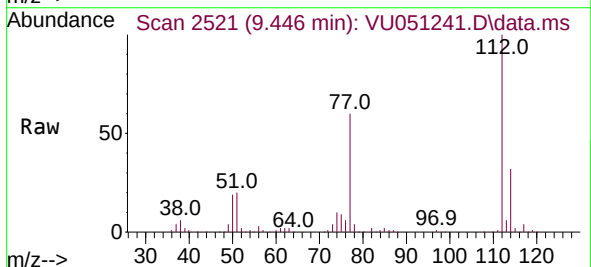
Tgt Ion:112 Resp: 193351

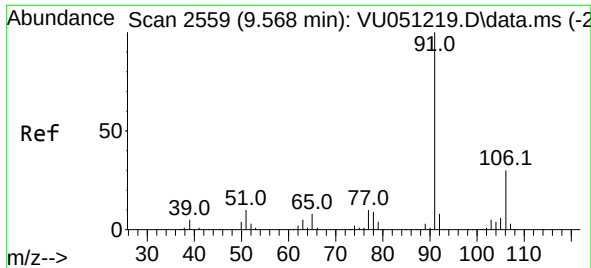
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 59.9 48.1 72.1

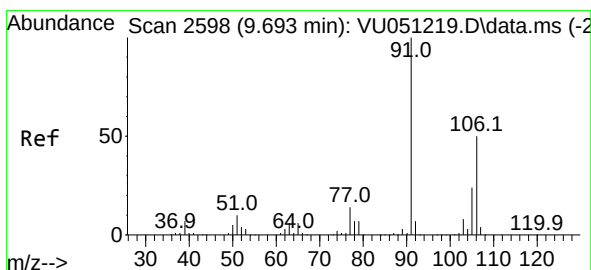
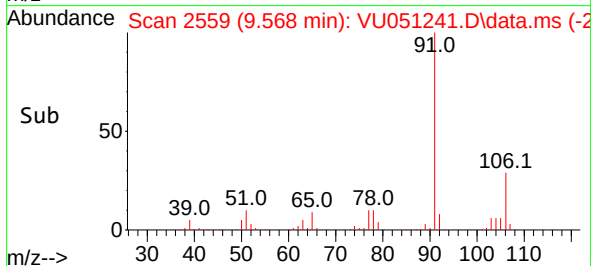
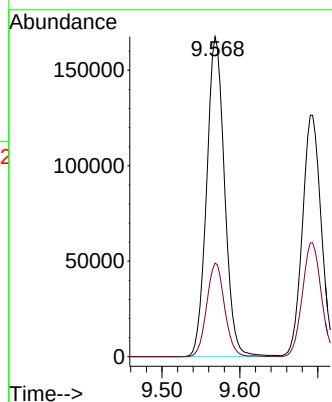
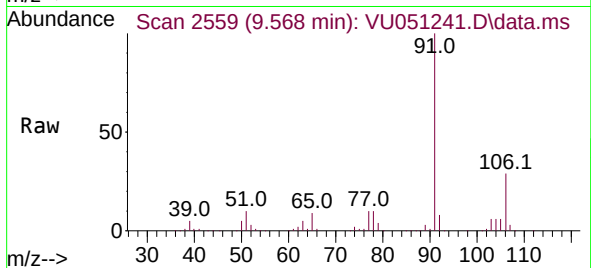




#52
Ethylbenzene
Concen: 4.368 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

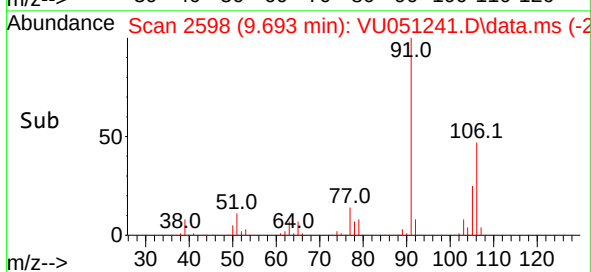
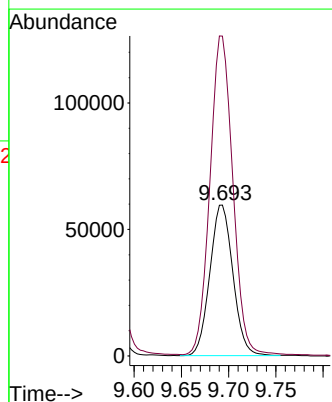
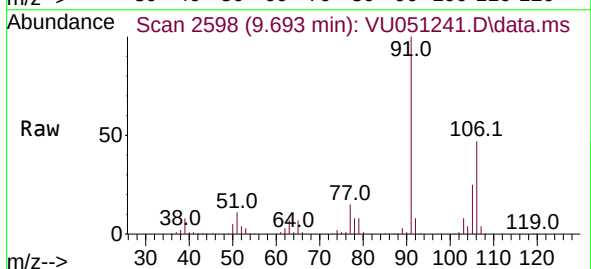
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

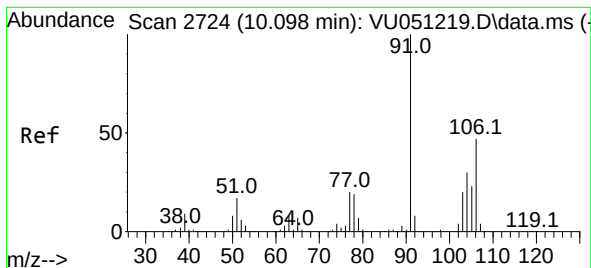
Tgt Ion: 91 Resp: 267893
Ion Ratio Lower Upper
91 100
106 29.2 20.9 38.7



#53
m,p-Xylene
Concen: 4.253 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 106 Resp: 101152
Ion Ratio Lower Upper
106 100
91 212.0 143.9 267.3





#54

o-Xylene

Concen: 4.519 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

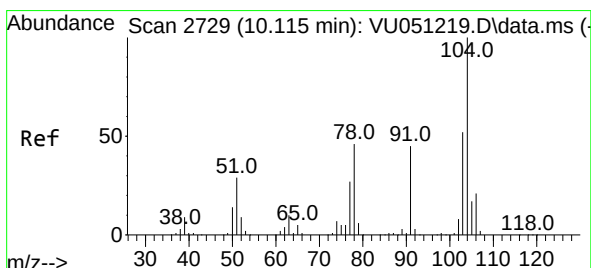
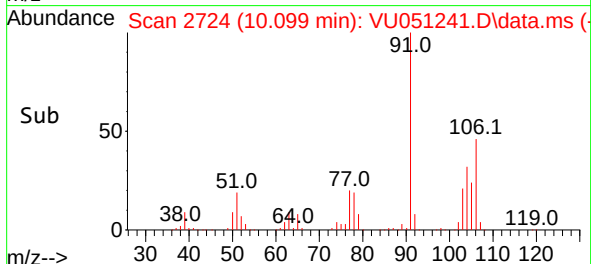
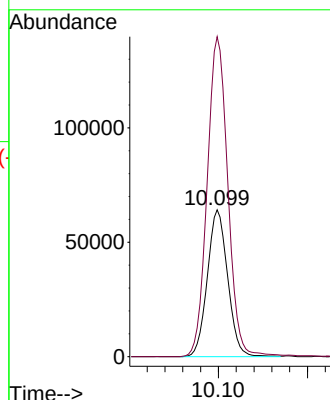
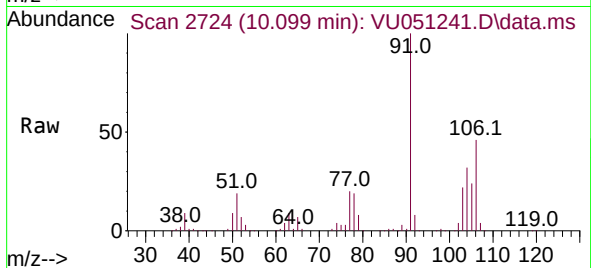
EXFTOMS

Tgt Ion:106 Resp: 101706

Ion Ratio Lower Upper

106 100

91 217.8 154.4 286.8



#55

Styrene

Concen: 4.665 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU051241.D

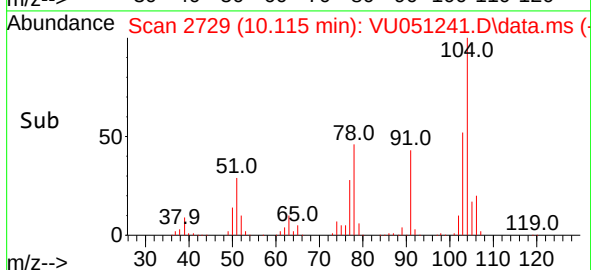
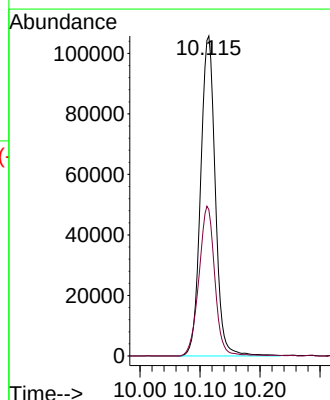
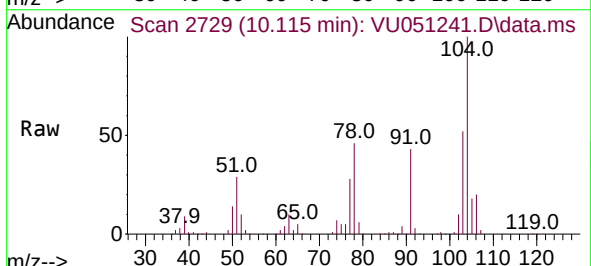
Acq: 08 Oct 2022 00:45

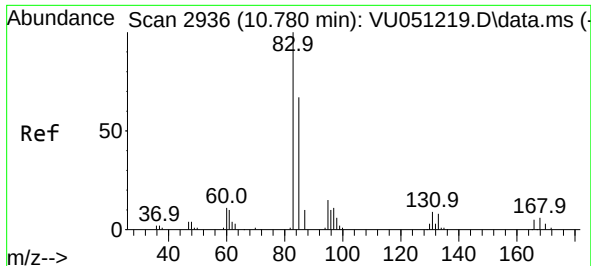
Tgt Ion:104 Resp: 180732

Ion Ratio Lower Upper

104 100

78 45.8 32.1 59.7

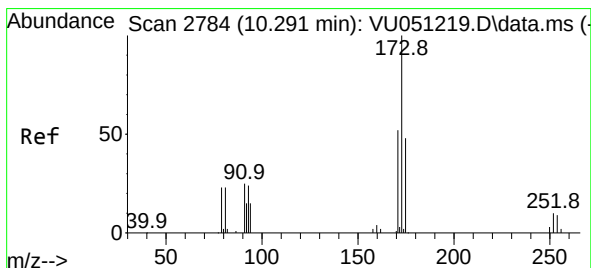
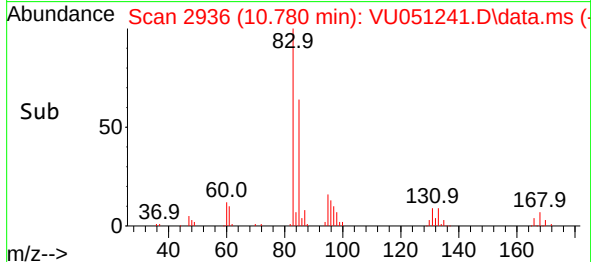
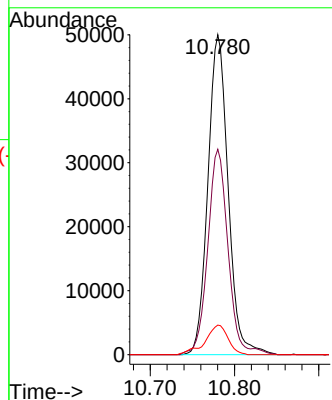
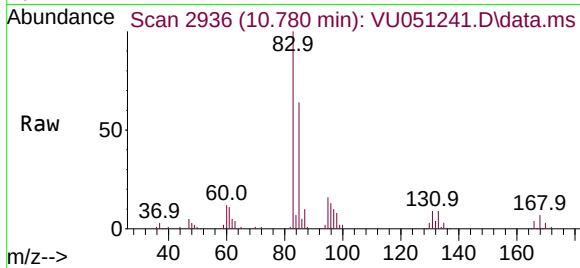




#57
 1,1,2-Tetrachloroethane
 Concen: 5.453 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU051241.D
 Acq: 08 Oct 2022 00:45

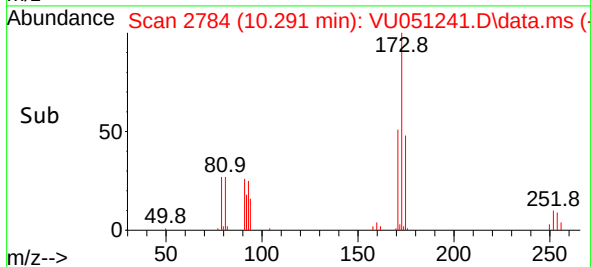
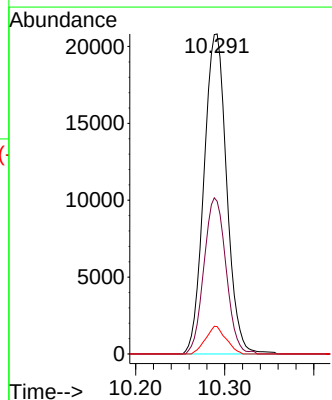
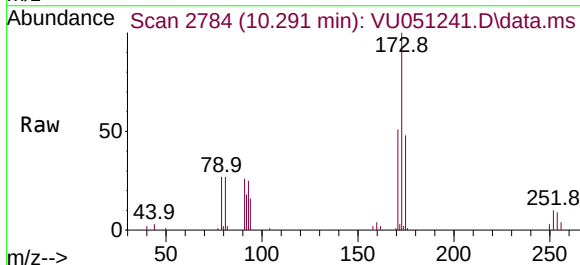
Instrument :
 MSVOA_U
 ClientSampleId :
 EXFTOMS

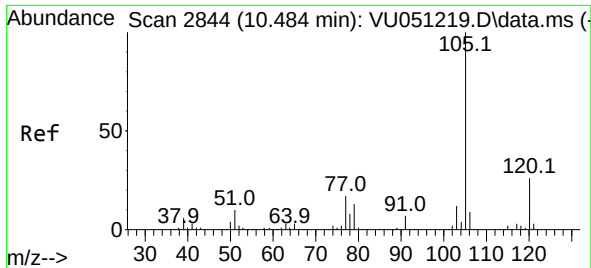
Tgt Ion: 83 Resp: 83507
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.9 85.3
 131 9.2 7.4 11.2



#59
 Bromoform
 Concen: 4.969 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU051241.D
 Acq: 08 Oct 2022 00:45

Tgt Ion: 173 Resp: 36820
 Ion Ratio Lower Upper
 173 100
 175 47.5 39.0 58.4
 254 7.7 7.5 11.3

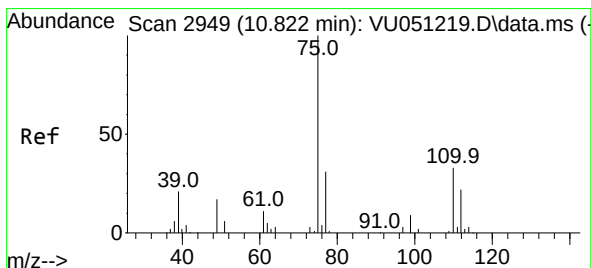
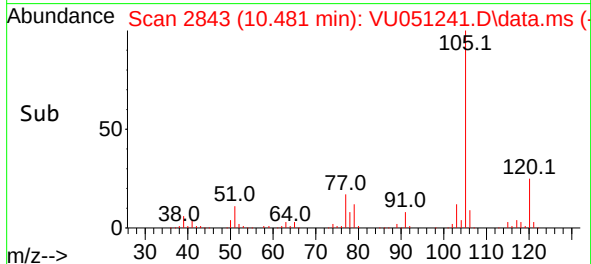
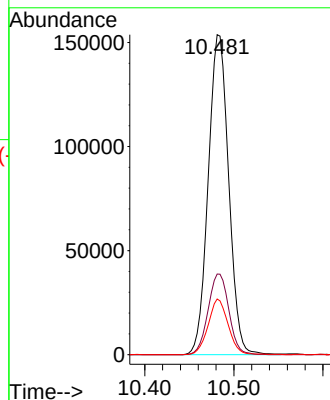
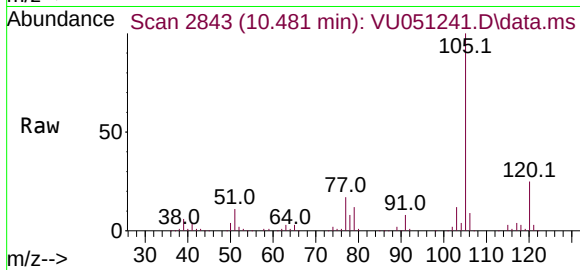




#60
Isopropylbenzene
Concen: 4.338 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

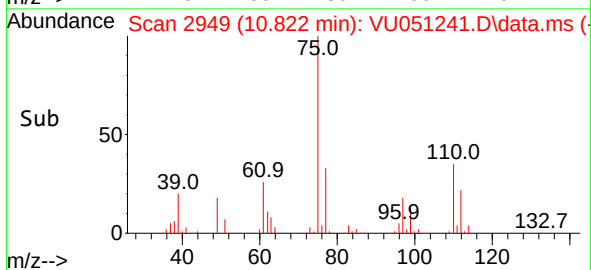
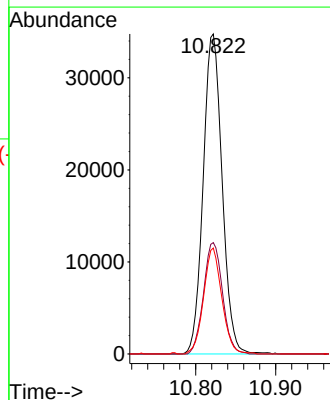
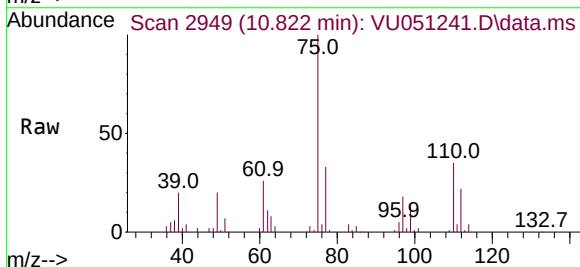
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

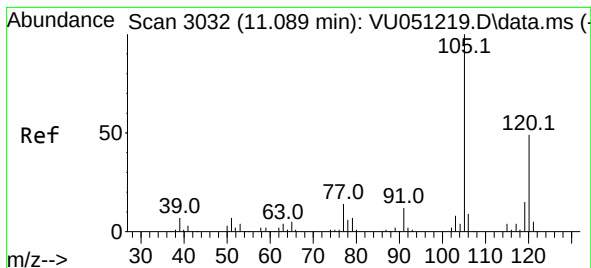
Tgt Ion:105 Resp: 244739
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.108 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion: 75 Resp: 57452
Ion Ratio Lower Upper
75 100
110 34.8 27.0 40.6
77 32.0 26.4 39.6





#62

1,3,5-Trimethylbenzene

Concen: 3.962 ug/L

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

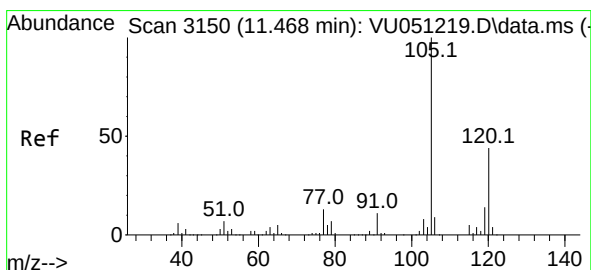
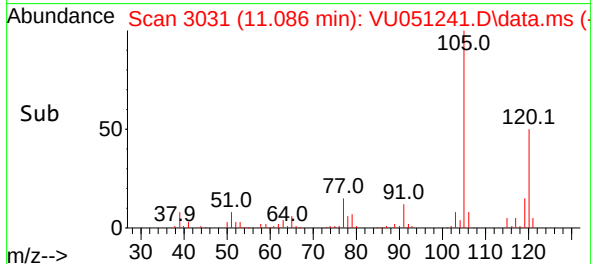
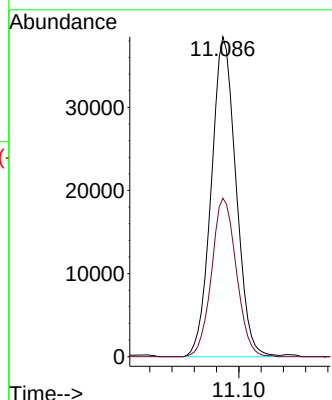
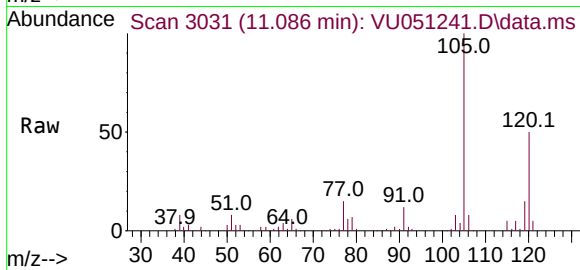
EXFTOMS

Tgt Ion:105 Resp: 59285

Ion Ratio Lower Upper

105 100

120 49.6 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 3.936 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051241.D

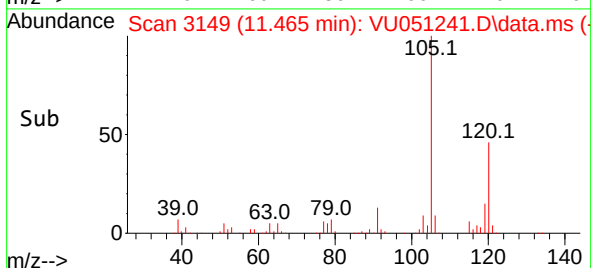
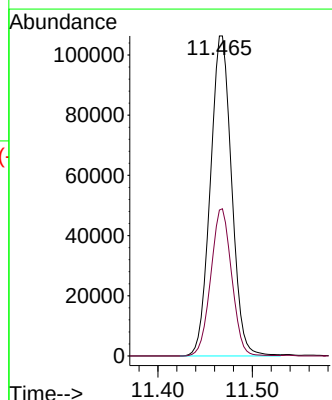
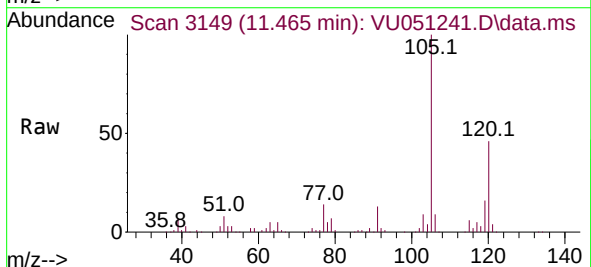
Acq: 08 Oct 2022 00:45

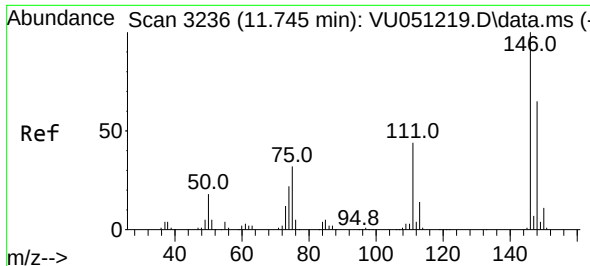
Tgt Ion:105 Resp: 166586

Ion Ratio Lower Upper

105 100

120 45.0 35.6 53.4

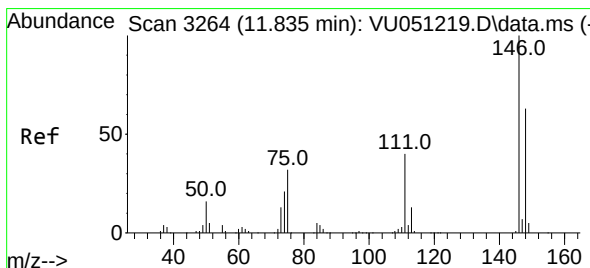
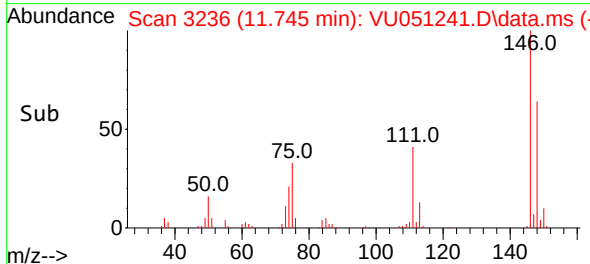
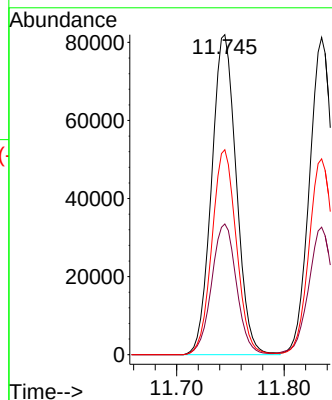
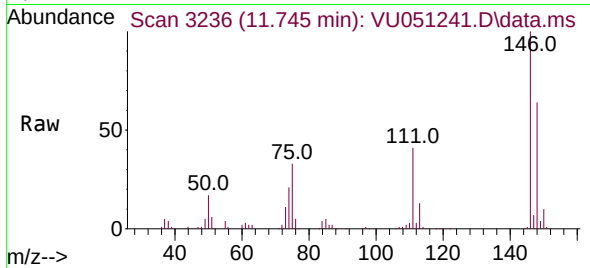




#64
1,3-Dichlorobenzene
Concen: 4.696 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

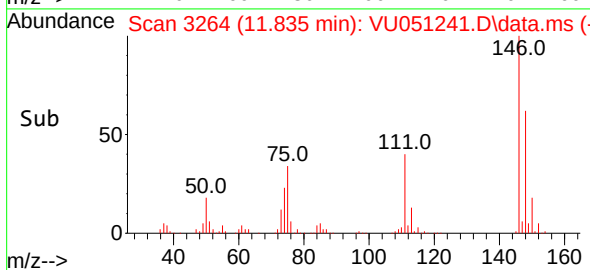
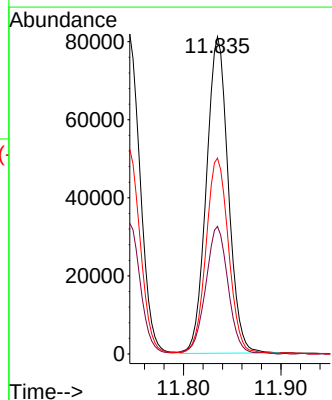
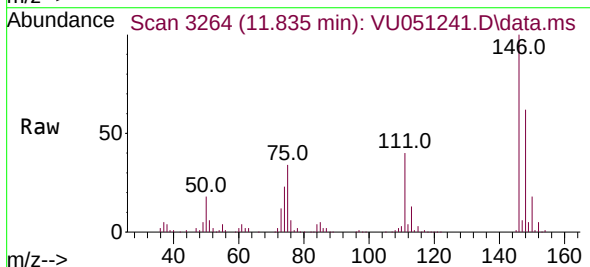
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMS

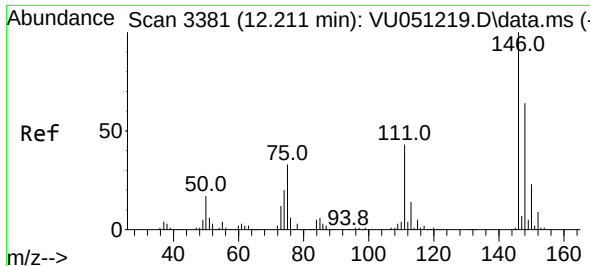
Tgt Ion:146 Resp: 131042
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.7
148 64.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.609 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051241.D
Acq: 08 Oct 2022 00:45

Tgt Ion:146 Resp: 126769
Ion Ratio Lower Upper
146 100
111 40.2 29.1 54.1
148 61.7 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.840 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

EXFTOMS

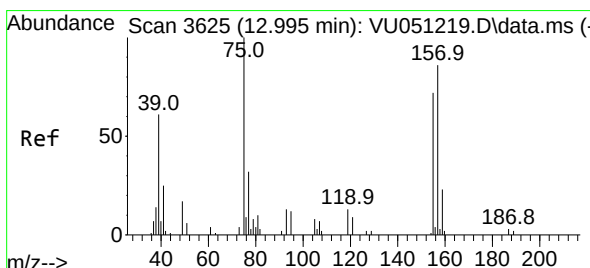
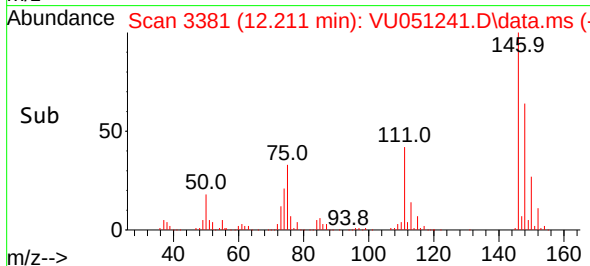
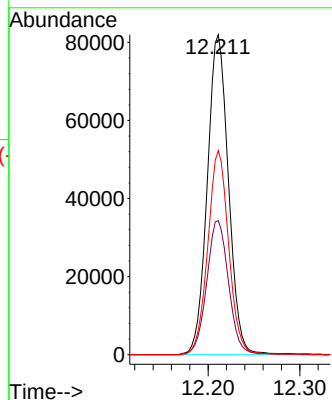
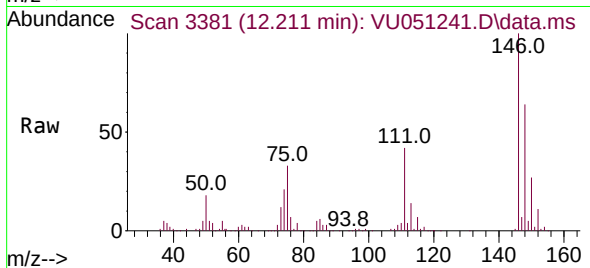
Tgt Ion:146 Resp: 131301

Ion Ratio Lower Upper

146 100

111 41.9 35.5 53.3

148 63.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.139 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

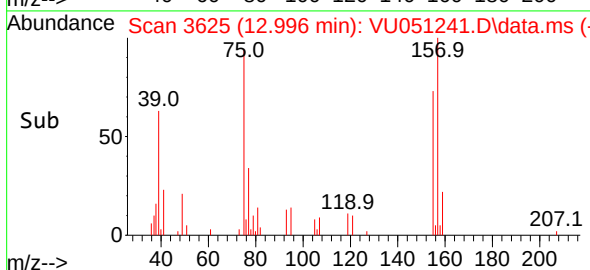
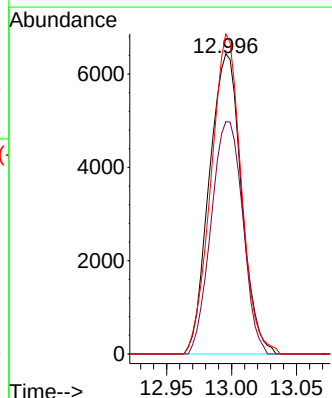
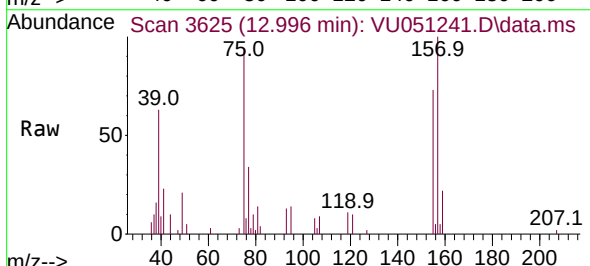
Tgt Ion: 75 Resp: 11055

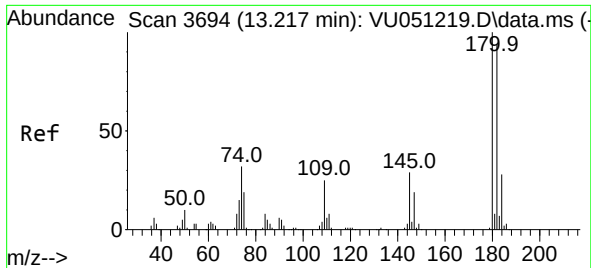
Ion Ratio Lower Upper

75 100

155 77.4 62.7 94.1

157 106.6 78.3 117.5

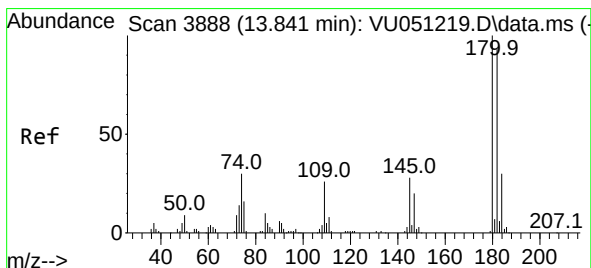
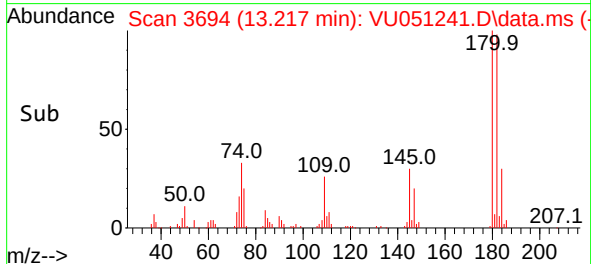
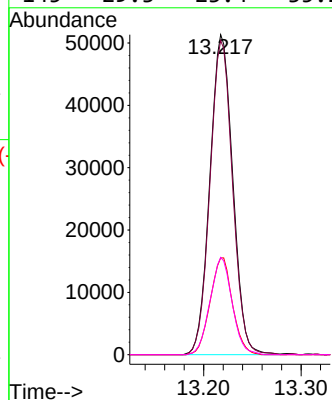
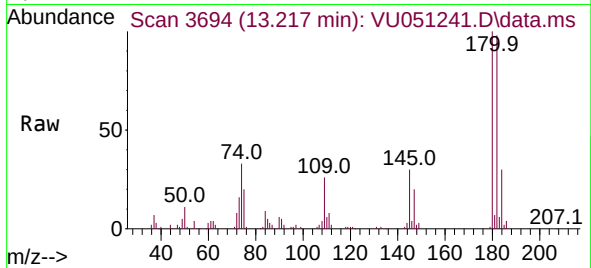




#69
 1,3,5-Trichlorobenzene
 Concen: 4.349 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU051241.D
 Acq: 08 Oct 2022 00:45

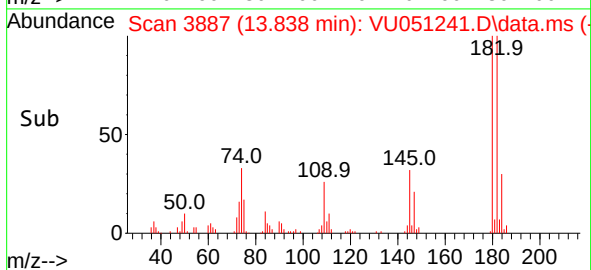
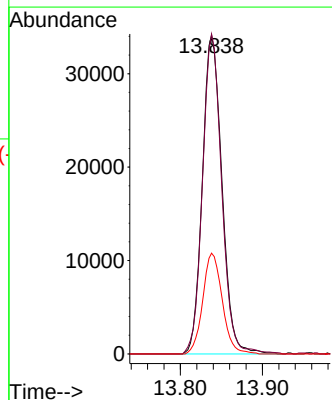
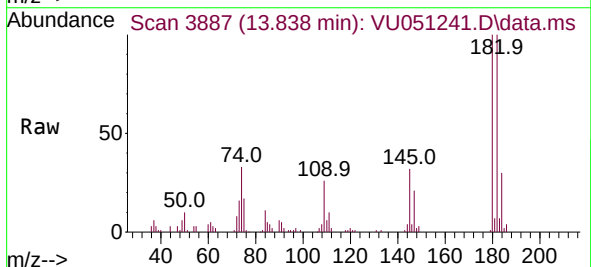
Instrument :
 MSVOA_U
 ClientSampleId :
 EXFTOMS

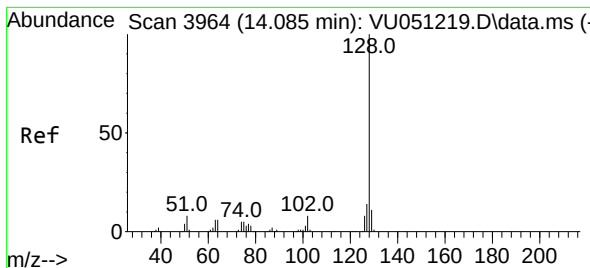
Tgt Ion:180	Resp:	83641
Ion Ratio	Lower	Upper
180	100	
182	96.8	77.7 116.5
184	29.5	23.6 35.4
145	29.3	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.136 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU051241.D
 Acq: 08 Oct 2022 00:45

Tgt Ion:180	Resp:	56545
Ion Ratio	Lower	Upper
180	100	
182	98.3	78.7 118.1
145	31.5	25.0 37.4





#71

Naphthalene

Concen: 3.790 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Instrument :

MSVOA_U

ClientSampleId :

EXFTOMS

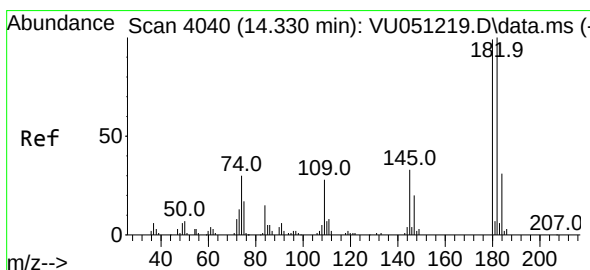
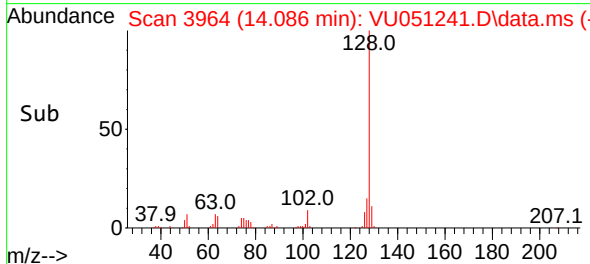
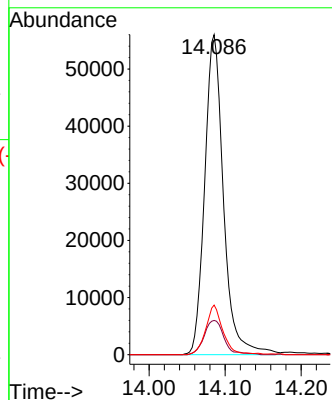
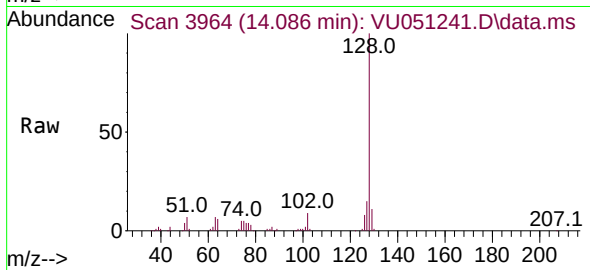
Tgt Ion:128 Resp: 96315

Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

127 14.0 11.1 16.7



#72

1,2,3-Trichlorobenzene

Concen: 4.139 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU051241.D

Acq: 08 Oct 2022 00:45

Tgt Ion:180 Resp: 58531

Ion Ratio Lower Upper

180 100

182 94.4 76.6 114.8

145 32.4 25.8 38.8

