

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058431.D
 Acq On : 05 Apr 2024 19:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81348	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24521	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	22368	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.560	65	11595	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.624	46	58113	51.201	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.052	84	54487	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.692	65	24894	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.717	84	105346	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	32587	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	92903	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.174	79	9791	4.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	43452	51.619	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21993	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	29753	4.472	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	33016	4.869	ug/L	98
3) Chloromethane	1.515	50	41017	4.943	ug/L	99
5) Vinyl chloride	1.599	62	41831	5.047	ug/L	100
6) Bromomethane	1.853	94	20161	5.142	ug/L	99
8) Chloroethane	1.930	64	27495	5.252	ug/L	99
9) Trichlorofluoromethane	2.132	101	56140	5.130	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	32433	4.987	ug/L	98
12) 1,1-Dichloroethene	2.573	96	29678	5.148	ug/L	97
13) Acetone	2.637	43	41970	43.325	ug/L	97
14) Carbon disulfide	2.788	76	90786	4.958	ug/L	100
15) Methyl Acetate	2.949	43	11630	5.088	ug/L	98
16) Methylene chloride	3.036	84	37884	4.951	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	67455	4.953	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	31741	5.253	ug/L	98
19) 1,1-Dichloroethane	3.859	63	69465	5.267	ug/L	98
21) 2-Butanone	4.705	43	68612	47.387	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	34650	5.107	ug/L	97
23) Bromochloromethane	4.965	128	14320	5.356	ug/L	95
25) Chloroform	5.078	83	68320	5.352	ug/L	99

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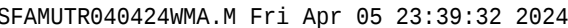
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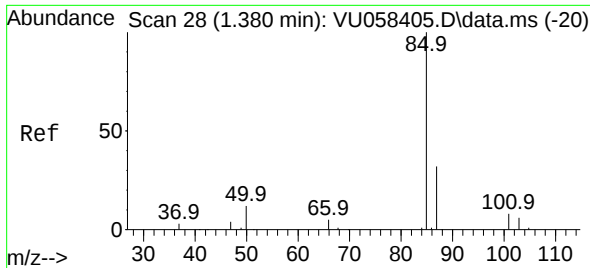
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	39918	5.135	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	54637	5.233	ug/L	99
30) Cyclohexane	5.380	56	54597	4.951	ug/L	98
31) Carbon tetrachloride	5.515	117	45630	5.161	ug/L	96
33) Benzene	5.766	78	146075	5.175	ug/L	100
34) Trichloroethene	6.534	95	36714	5.160	ug/L	98
35) Methylcyclohexane	6.756	83	52218	4.871	ug/L	98
37) 1,2-Dichloropropane	6.782	63	38662	5.206	ug/L	99
38) Bromodichloromethane	7.097	83	44077	5.199	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	47092	4.986	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	175375	50.167	ug/L	99
42) Toluene	7.962	91	152518	5.151	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	37798	5.075	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	23048	5.314	ug/L	98
47) Tetrachloroethene	8.547	164	25928	4.971	ug/L	99
48) 2-Hexanone	8.676	43	124660	50.231	ug/L	99
49) Dibromochloromethane	8.801	129	26221	5.229	ug/L	98
50) 1,2-Dibromoethane	8.917	107	20439	5.152	ug/L #	94
51) Chlorobenzene	9.441	112	90832	5.070	ug/L	99
52) Ethylbenzene	9.563	91	159947	5.099	ug/L	100
53) m,p-Xylene	9.688	106	58897	5.243	ug/L	97
54) o-Xylene	10.094	106	57573	5.228	ug/L	99
55) Styrene	10.106	104	93760	5.292	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	26945	5.036	ug/L	98
59) Bromoform	10.283	173	13058	4.947	ug/L	100
60) Isopropylbenzene	10.476	105	144273	4.989	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	19914	4.941	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	117361	4.976	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	119146	4.948	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	68523	4.878	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	65656	4.797	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	61469	4.810	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3621	5.297	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	46622	4.488	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	33351	4.163	ug/L	96
71) Naphthalene	14.084	128	37515	3.418	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	27042	4.088	ug/L	99

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

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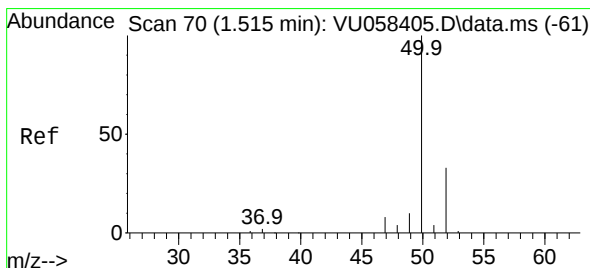
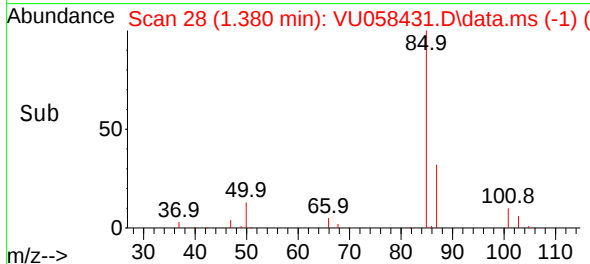
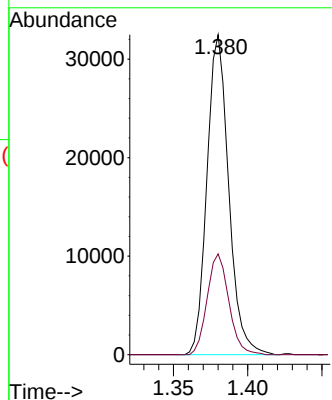
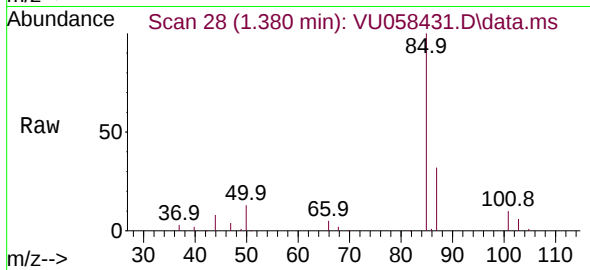




#2
Dichlorodifluoromethane
Concen: 4.869 ug/L
RT: 1.380 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

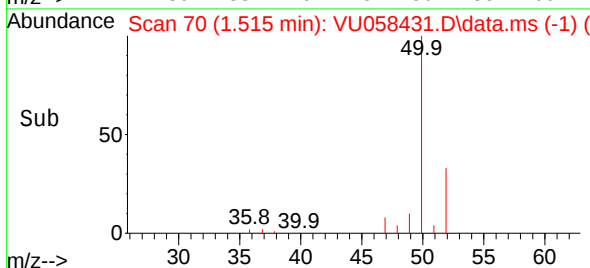
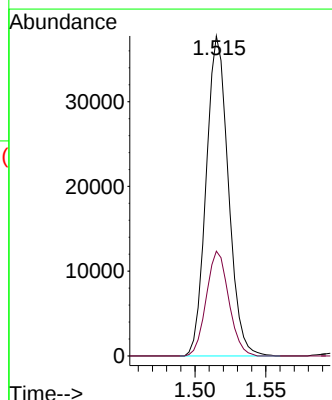
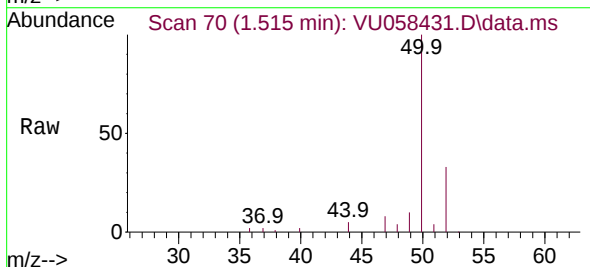
Instrument :
MSVOA_U
ClientSampleId :

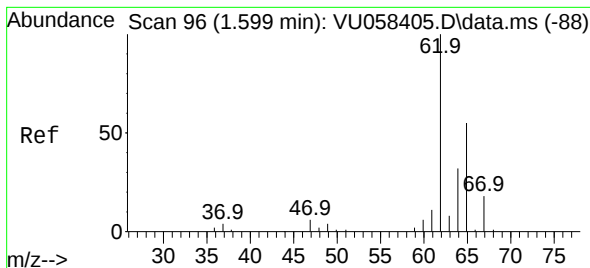
Tgt Ion: 85 Resp: 33016
Ion Ratio Lower Upper
85 100
87 31.4 25.9 38.9



#3
Chloromethane
Concen: 4.943 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion: 50 Resp: 41017
Ion Ratio Lower Upper
50 100
52 32.7 22.6 42.0





#5

Vinyl chloride

Concen: 5.047 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

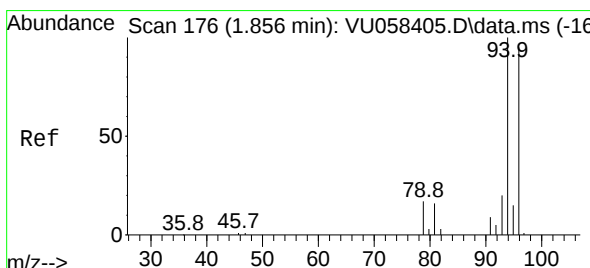
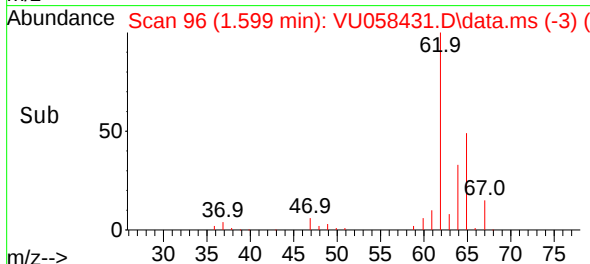
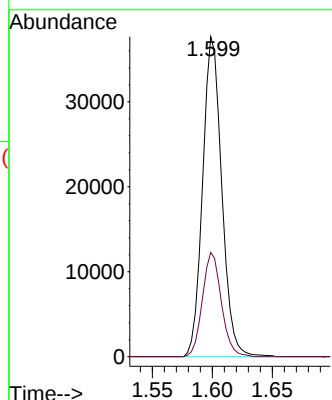
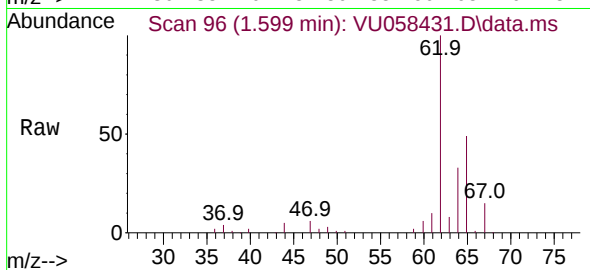
ClientSampleId :

Tgt Ion: 62 Resp: 41831

Ion Ratio Lower Upper

62 100

64 32.6 22.6 42.0



#6

Bromomethane

Concen: 5.142 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU058431.D

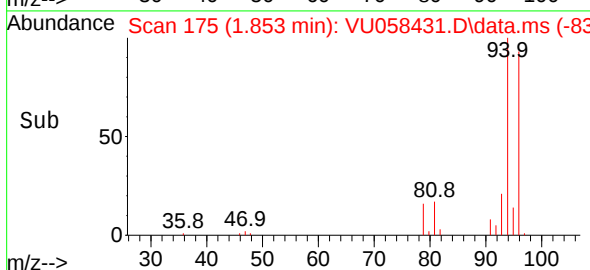
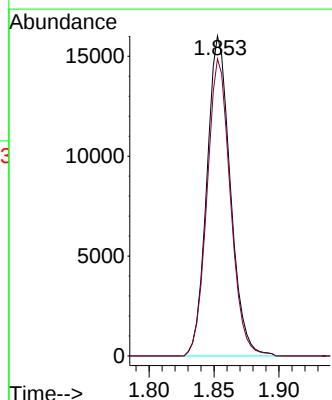
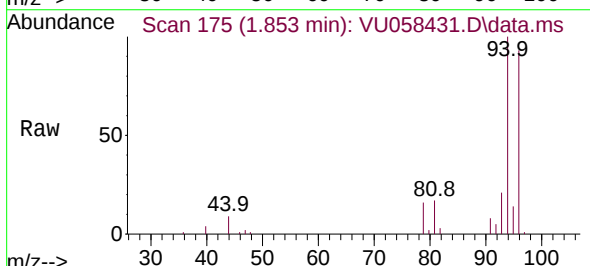
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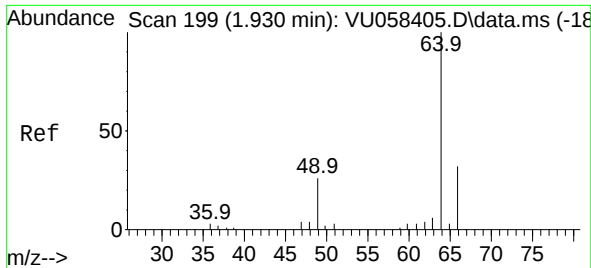
Tgt Ion: 94 Resp: 20161

Ion Ratio Lower Upper

94 100

96 92.9 65.4 121.4

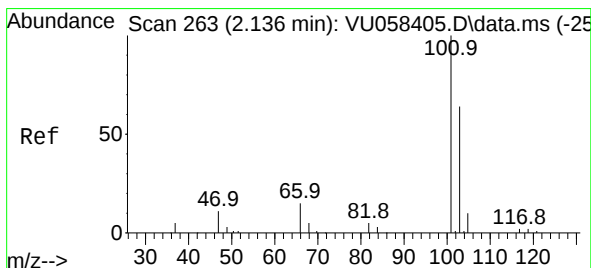
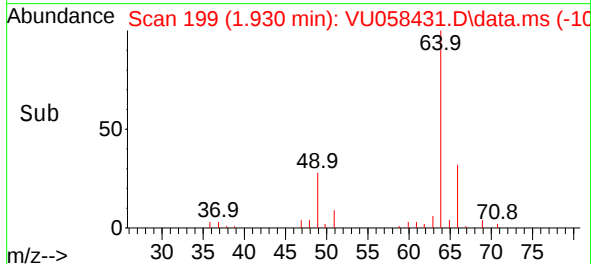
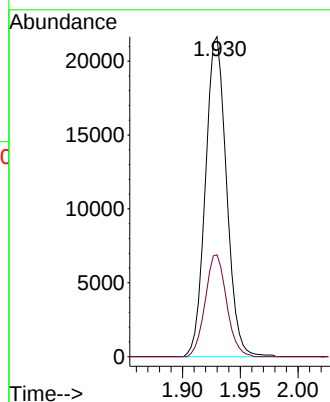
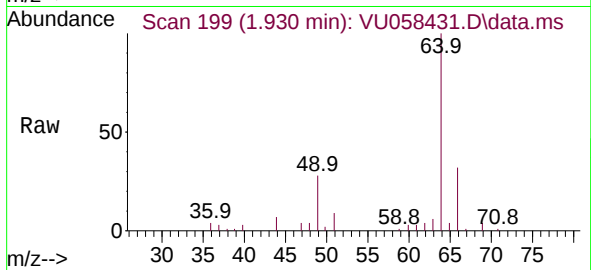




#8
Chloroethane
Concen: 5.252 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

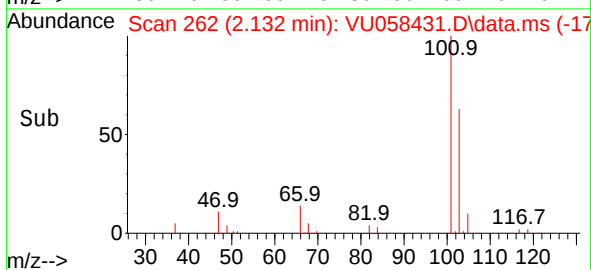
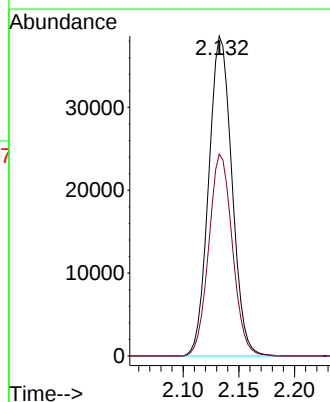
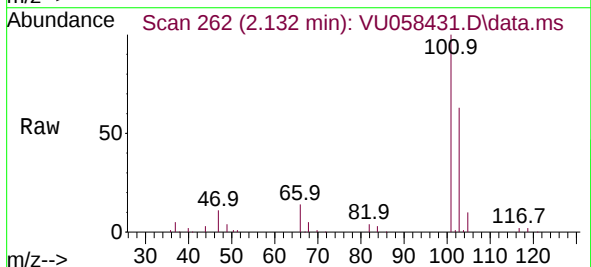
Instrument :
MSVOA_U
ClientSampleId :

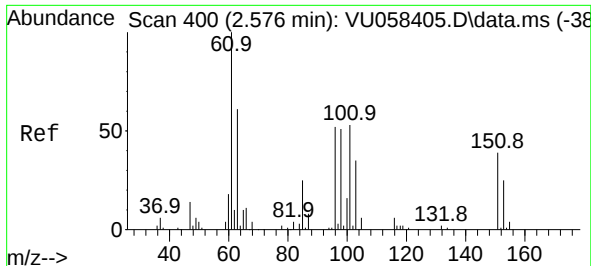
Tgt Ion: 64 Resp: 27495
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.130 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion:101 Resp: 56140
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

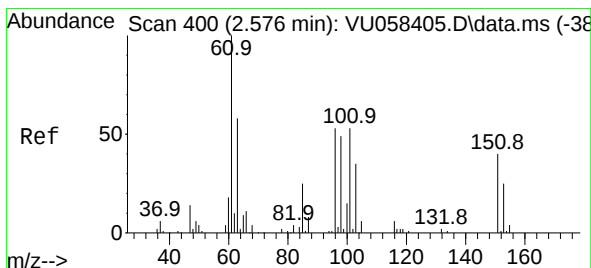
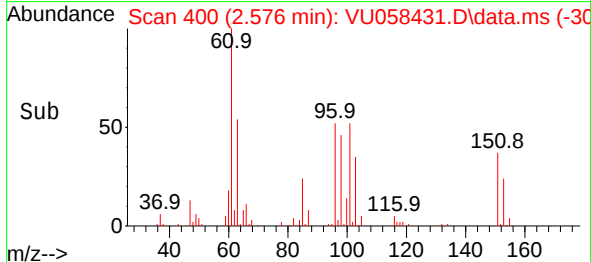
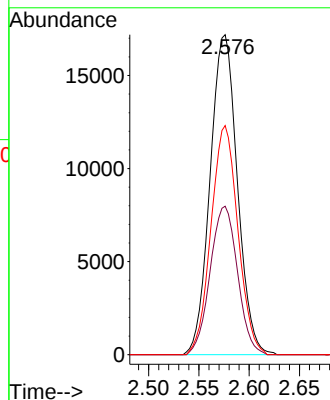
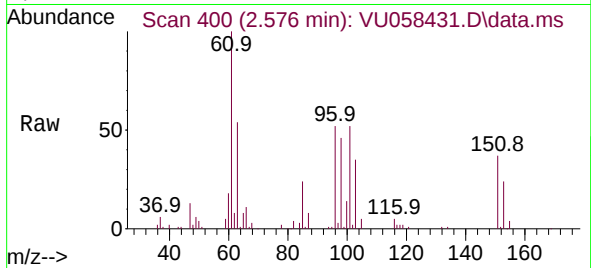




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.987 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU058431.D
 Acq: 05 Apr 2024 19:54

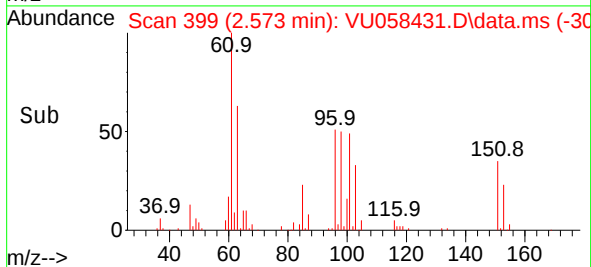
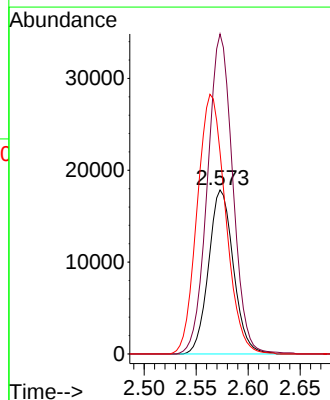
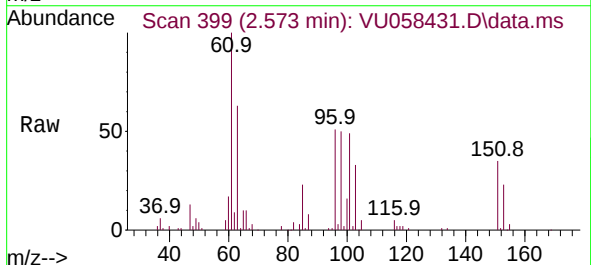
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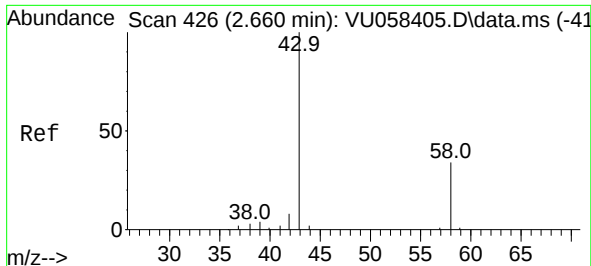
Tgt Ion:101 Resp: 32433
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.8 55.2
 151 70.7 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.148 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058431.D
 Acq: 05 Apr 2024 19:54

Tgt Ion: 96 Resp: 29678
 Ion Ratio Lower Upper
 96 100
 61 195.1 132.5 246.1
 63 123.0 87.7 162.9





#13

Acetone

Concen: 43.325 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

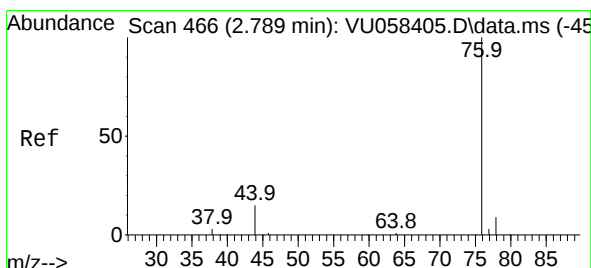
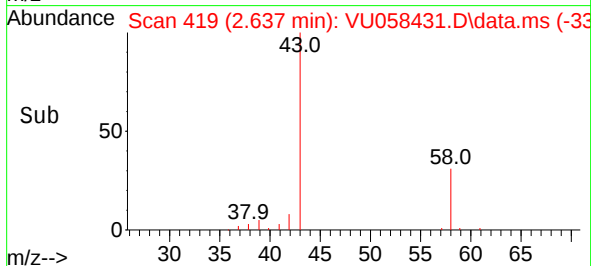
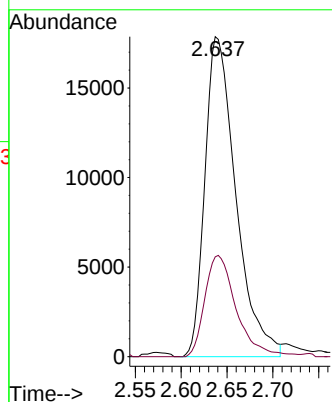
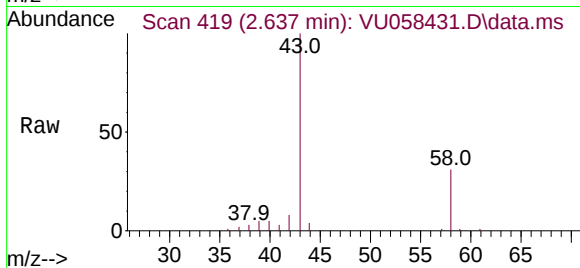
ClientSampleId :

Tgt Ion: 43 Resp: 41970

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.4



#14

Carbon disulfide

Concen: 4.958 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU058431.D

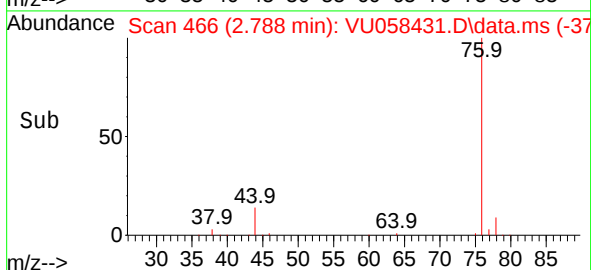
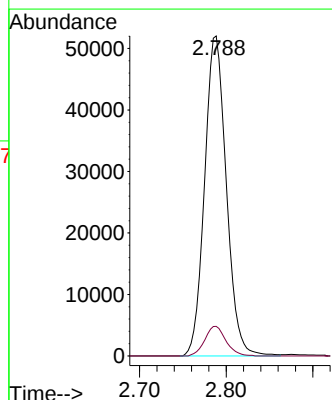
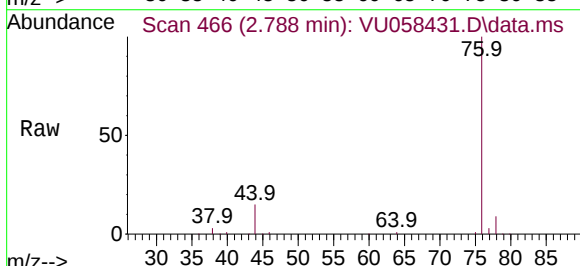
Acq: 05 Apr 2024 19:54

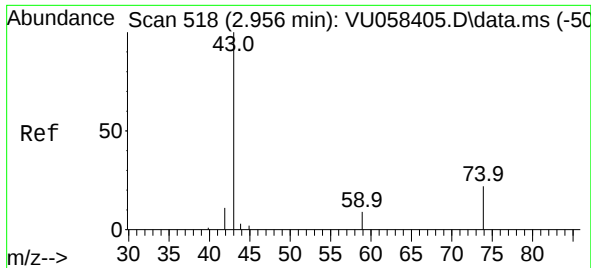
Tgt Ion: 76 Resp: 90786

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 5.088 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

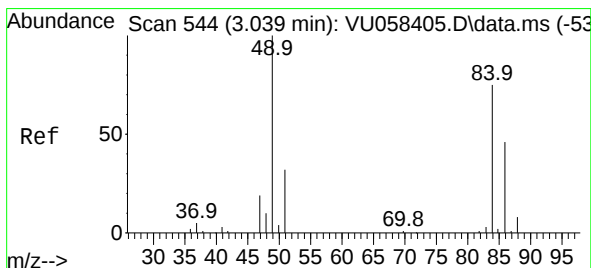
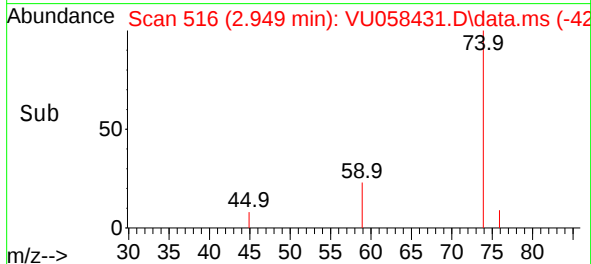
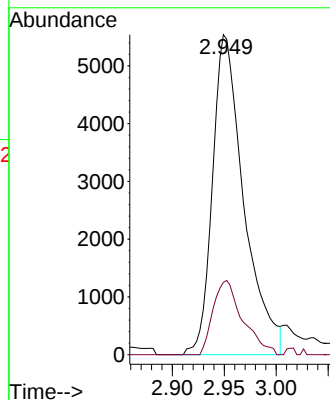
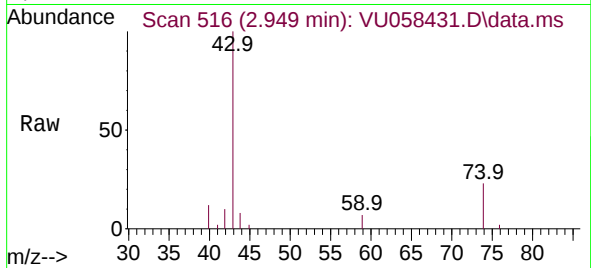
ClientSampleId :

Tgt Ion: 43 Resp: 11630

Ion Ratio Lower Upper

43 100

74 21.9 16.6 25.0



#16

Methylene chloride

Concen: 4.951 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

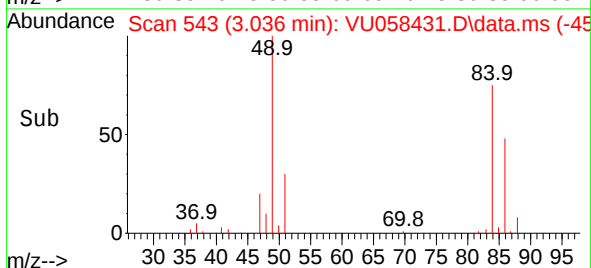
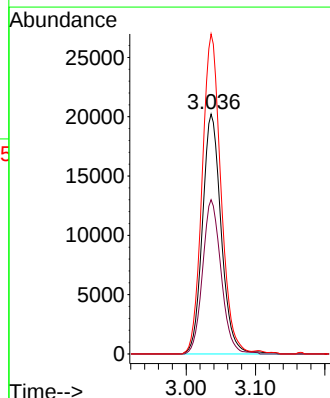
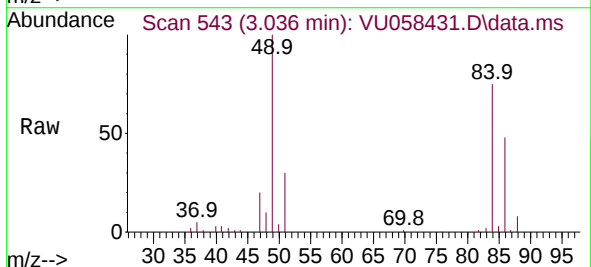
Tgt Ion: 84 Resp: 37884

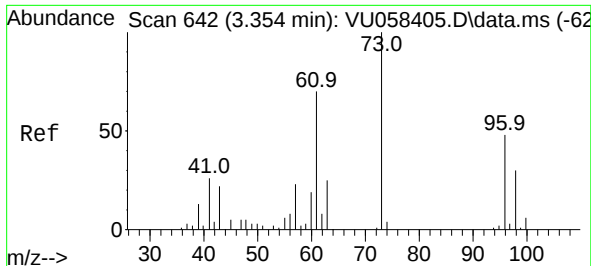
Ion Ratio Lower Upper

84 100

86 64.4 44.3 82.3

49 133.4 96.0 178.2

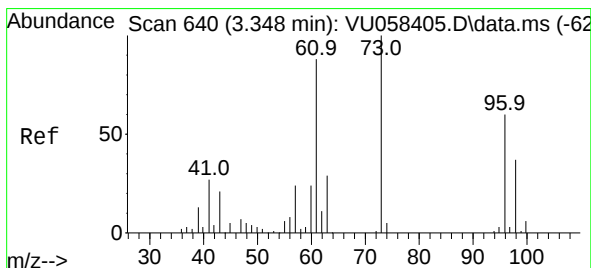
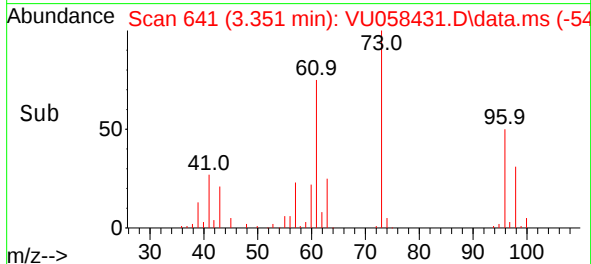
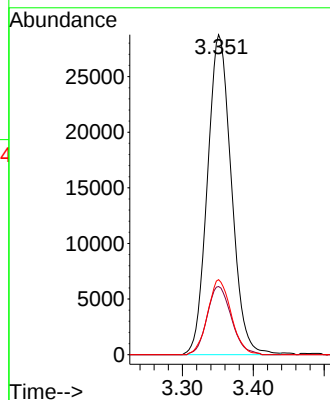
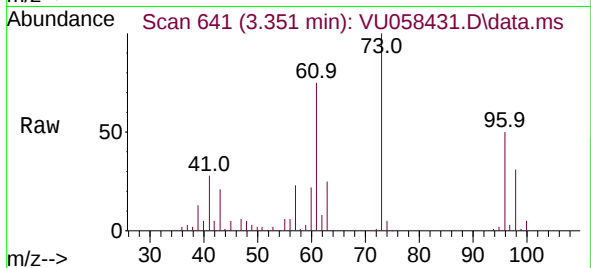




#17
Methyl tert-butyl Ether
Concen: 4.953 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

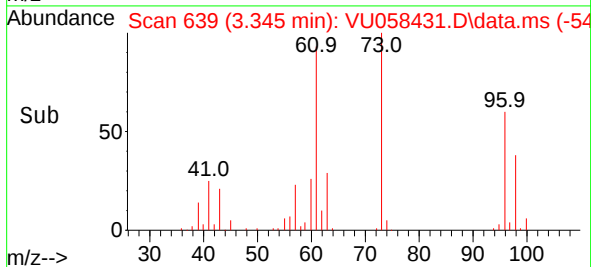
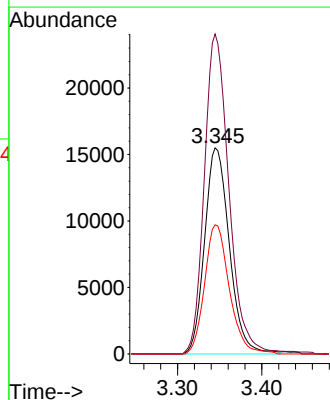
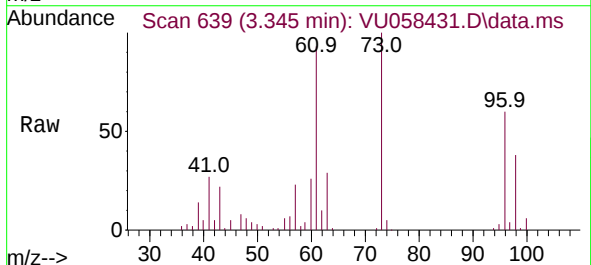
Instrument :
MSVOA_U
ClientSampleId :

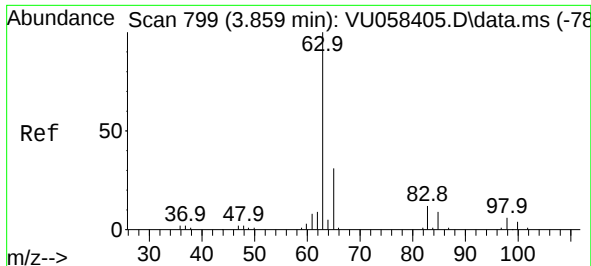
Tgt Ion: 73 Resp: 67455
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.2
57 23.1 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.253 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

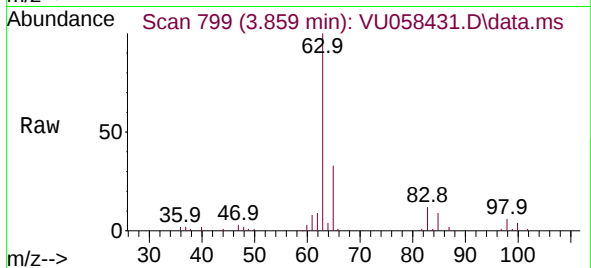
Tgt Ion: 96 Resp: 31741
Ion Ratio Lower Upper
96 100
61 155.3 107.6 199.8
98 62.7 45.1 83.7



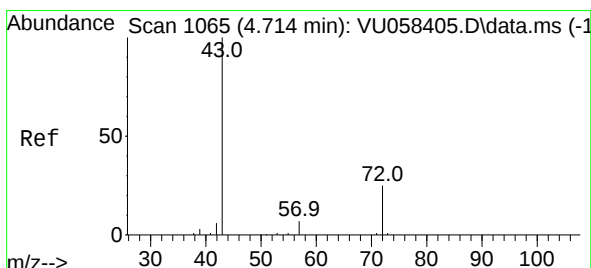
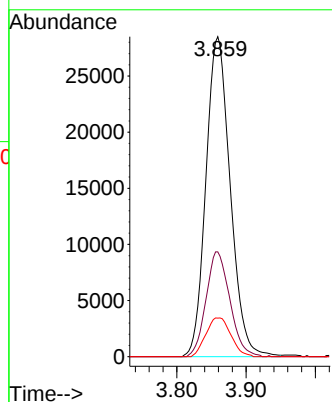
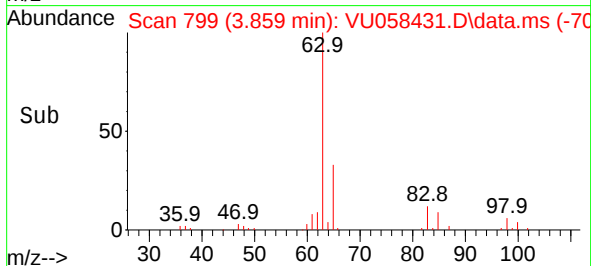


#19
1,1-Dichloroethane
Concen: 5.267 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

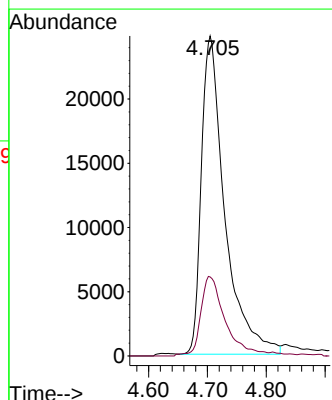
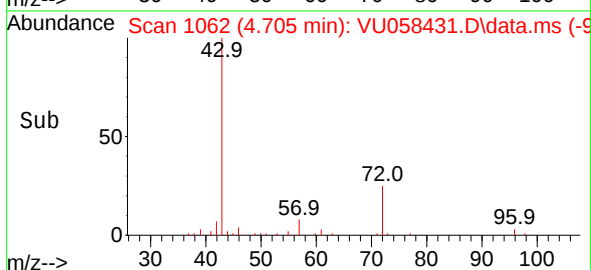
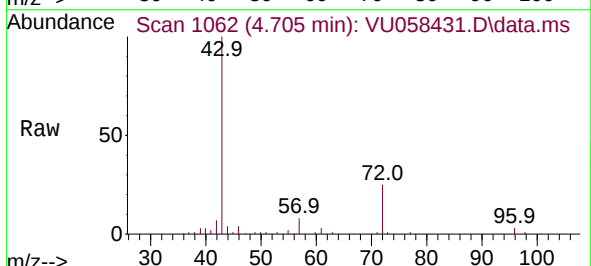


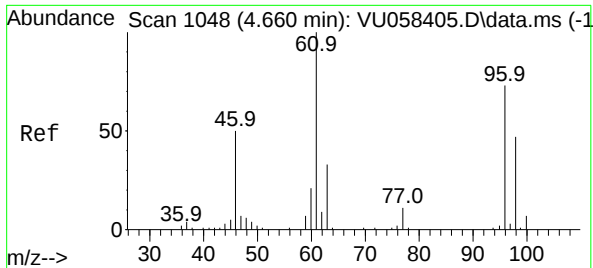
Tgt Ion: 63 Resp: 69465
Ion Ratio Lower Upper
63 100
65 33.5 22.9 42.5
83 12.1 9.6 17.8



#21
2-Butanone
Concen: 47.387 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.010 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion: 43 Resp: 68612
Ion Ratio Lower Upper
43 100
72 25.9 11.7 35.0

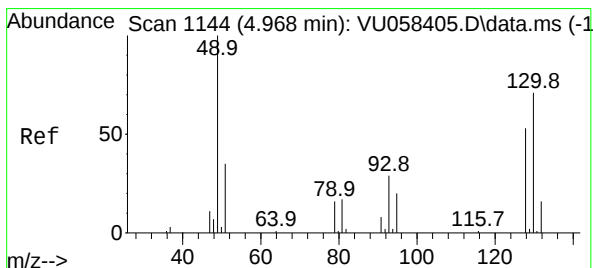
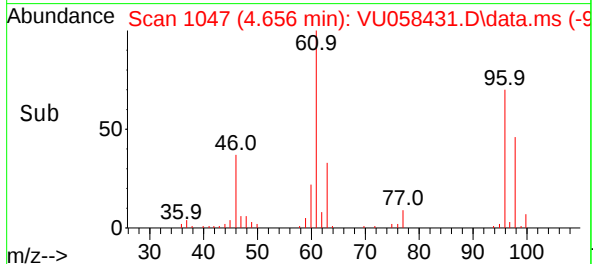
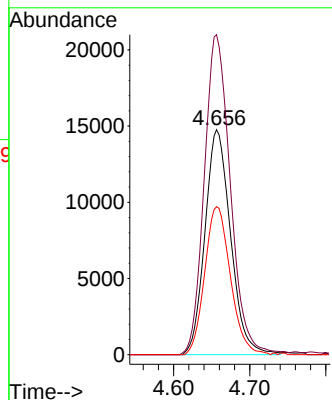
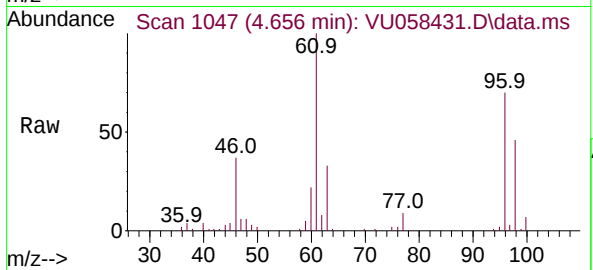




#22
 cis-1,2-Dichloroethene
 Concen: 5.107 ug/L
 RT: 4.656 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058431.D
 Acq: 05 Apr 2024 19:54

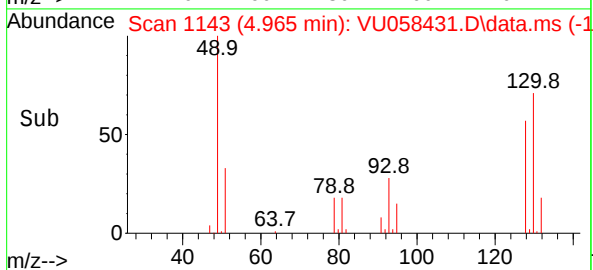
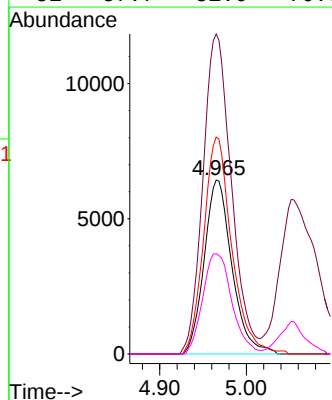
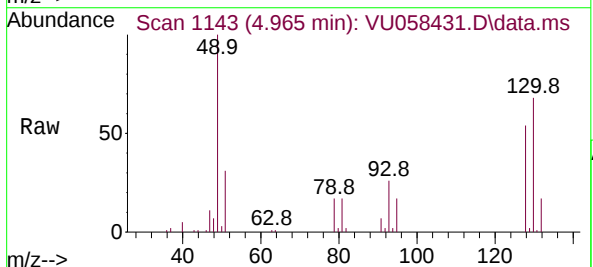
Instrument :
 MSVOA_U
 ClientSampleId :

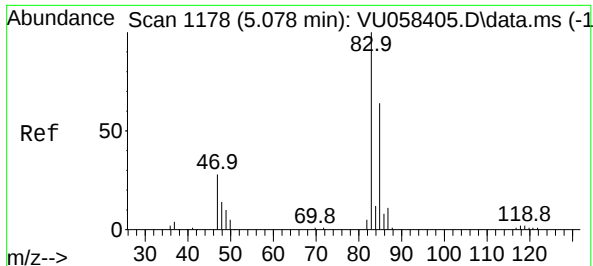
Tgt Ion: 96 Resp: 34650
 Ion Ratio Lower Upper
 96 100
 61 142.2 98.1 182.3
 98 65.8 43.6 81.0



#23
 Bromochloromethane
 Concen: 5.356 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058431.D
 Acq: 05 Apr 2024 19:54

Tgt Ion: 128 Resp: 14320
 Ion Ratio Lower Upper
 128 100
 49 183.9 134.4 249.6
 130 124.7 90.0 167.2
 51 57.7 51.0 76.6





#25

Chloroform

Concen: 5.352 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

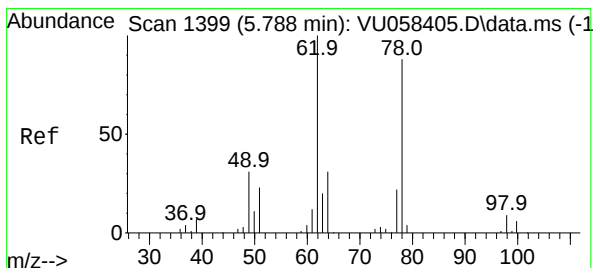
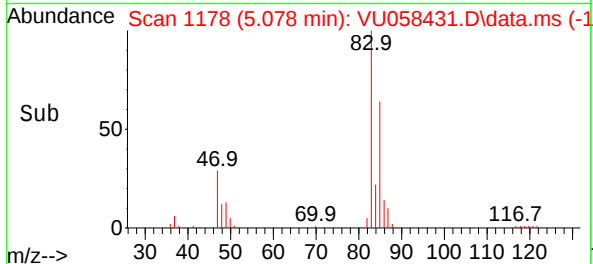
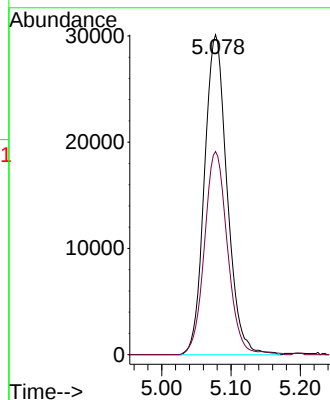
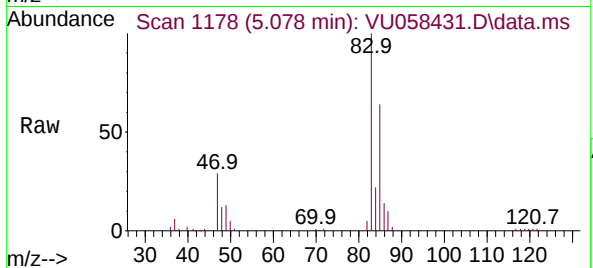
ClientSampleId :

Tgt Ion: 83 Resp: 68320

Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.135 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058431.D

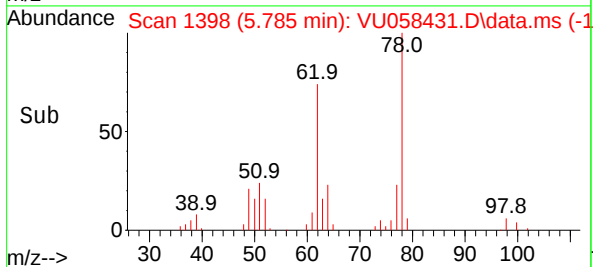
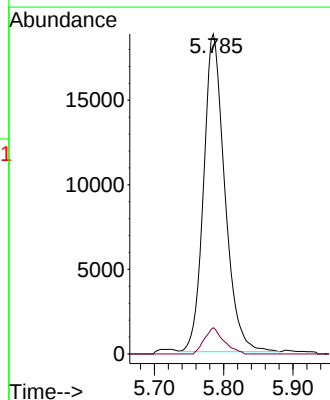
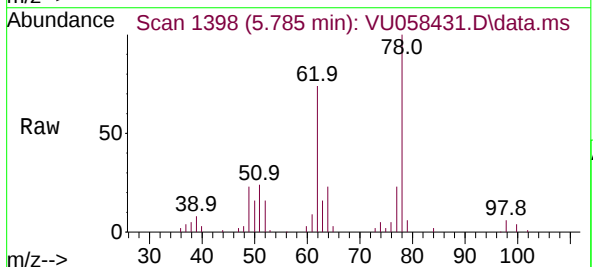
Acq: 05 Apr 2024 19:54

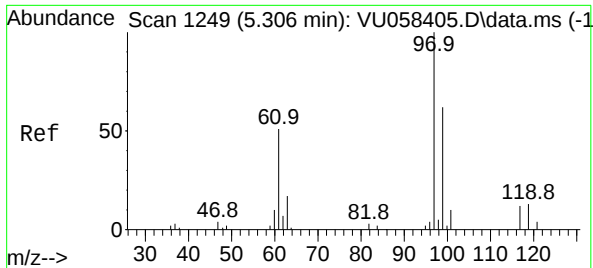
Tgt Ion: 62 Resp: 39918

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.4

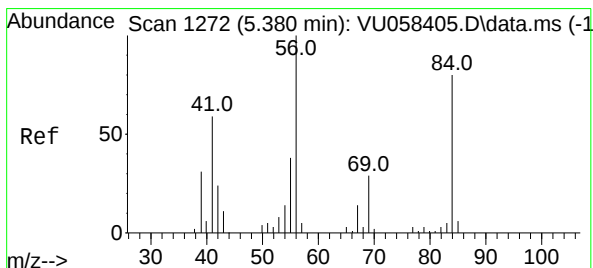
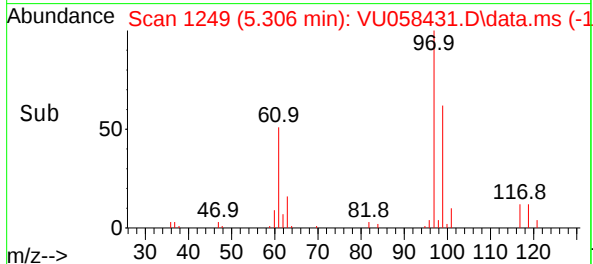
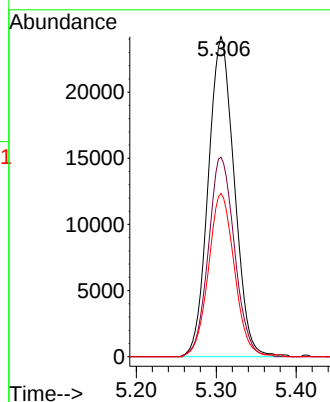
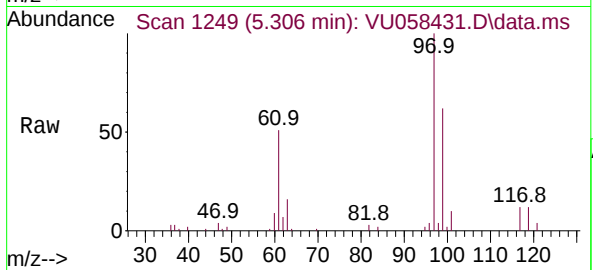




#29
1,1,1-Trichloroethane
Concen: 5.233 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

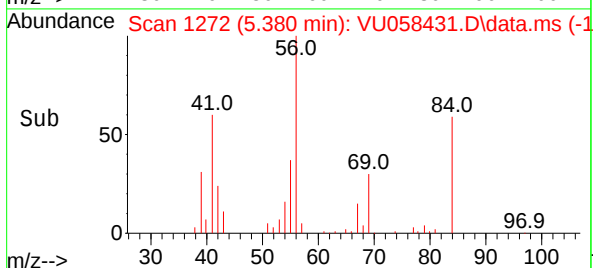
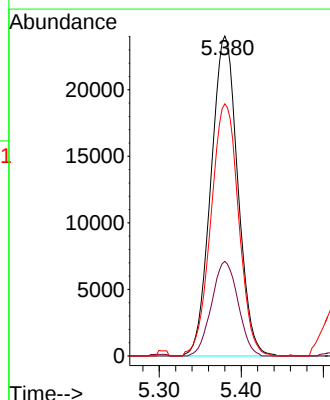
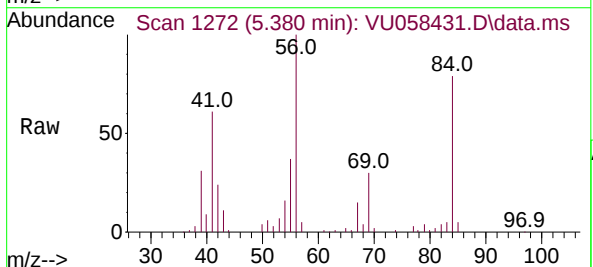
Instrument :
MSVOA_U
ClientSampleId :

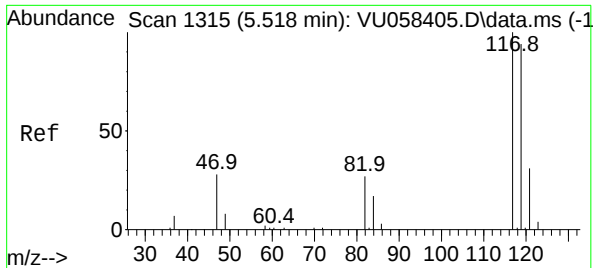
Tgt Ion:	97	Resp:	54637
Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.4	75.6
61	50.9	39.4	59.0



#30
Cyclohexane
Concen: 4.951 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion:	56	Resp:	54597
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.2	34.8
84	81.3	63.3	94.9

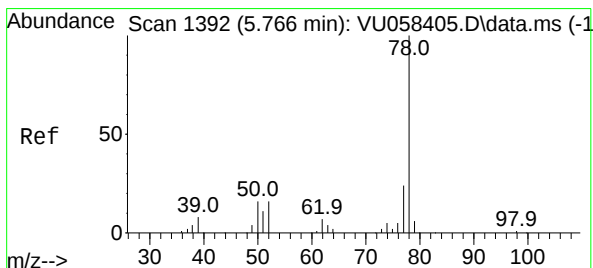
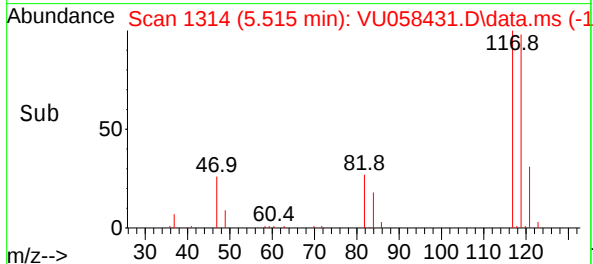
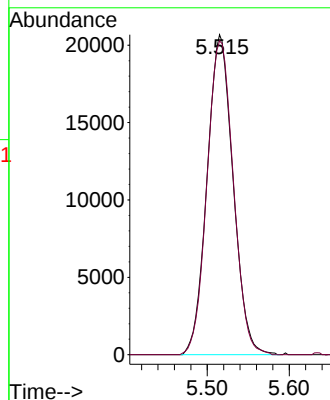
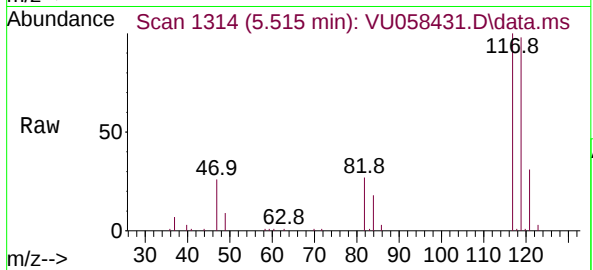




#31
Carbon tetrachloride
Concen: 5.161 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

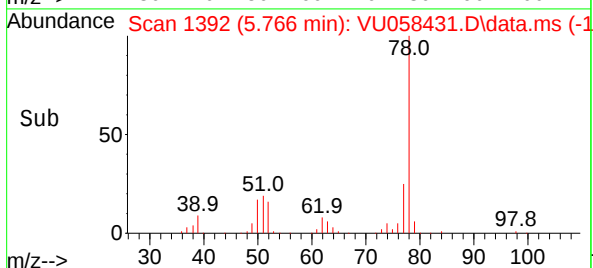
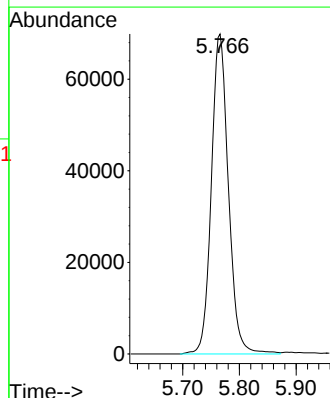
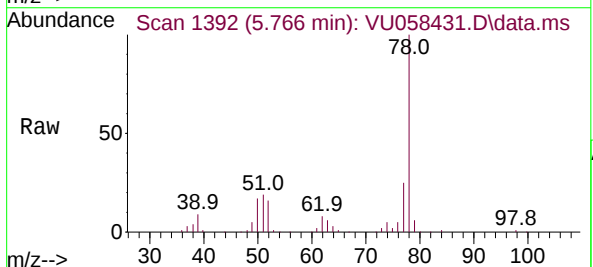
Instrument :
MSVOA_U
ClientSampleId :

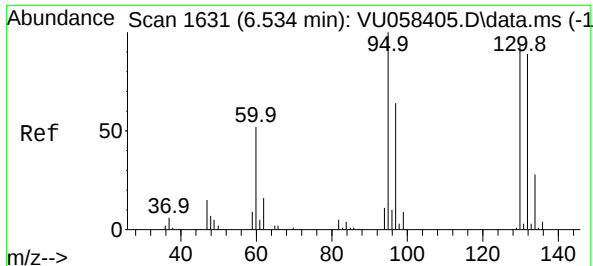
Tgt Ion:117 Resp: 45630
Ion Ratio Lower Upper
117 100
119 99.3 76.7 115.1



#33
Benzene
Concen: 5.175 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

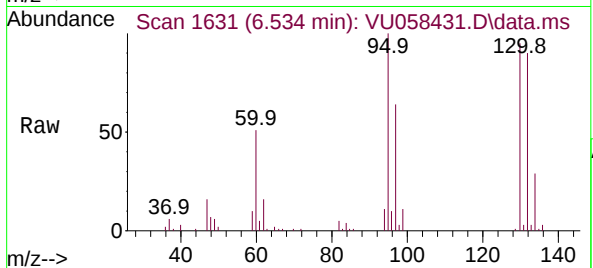
Tgt Ion: 78 Resp: 146075



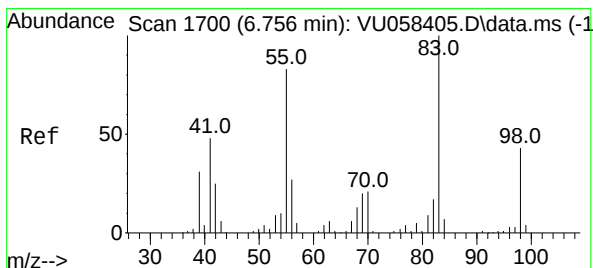
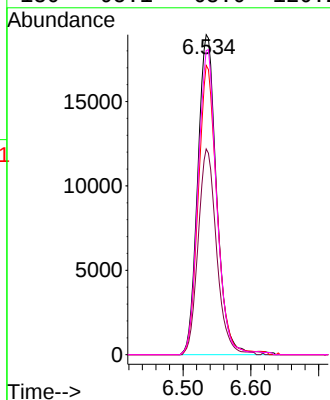
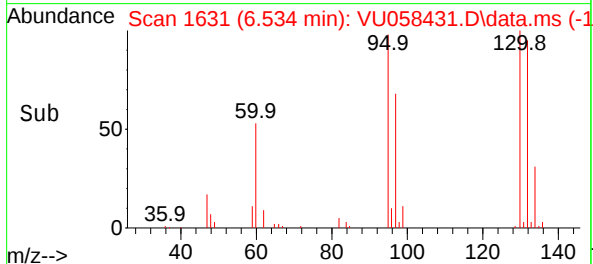


#34
Trichloroethene
Concen: 5.160 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

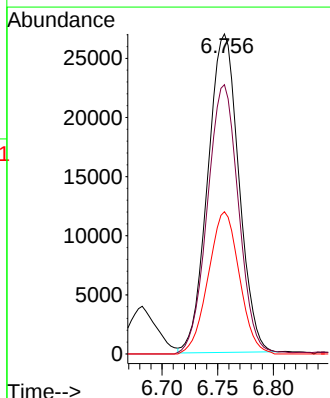
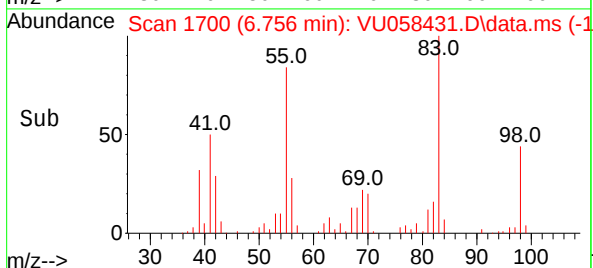
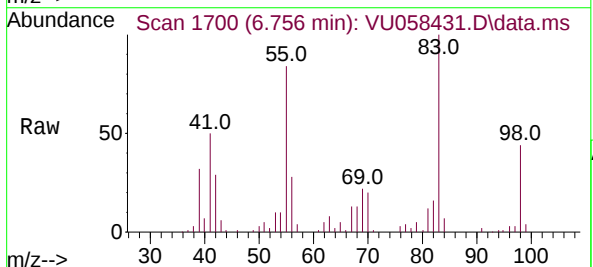


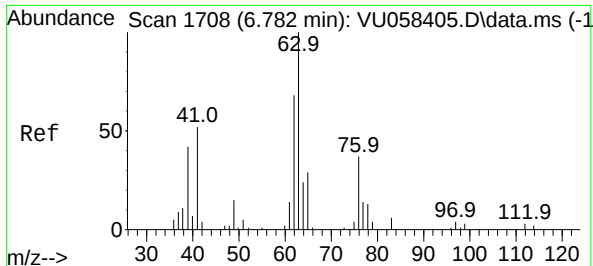
Tgt Ion: 95 Resp: 36714
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.6
132 90.4 64.8 120.3
130 95.1 68.0 126.2



#35
Methylcyclohexane
Concen: 4.871 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion: 83 Resp: 52218
Ion Ratio Lower Upper
83 100
55 85.0 66.2 99.4
98 44.8 34.6 52.0

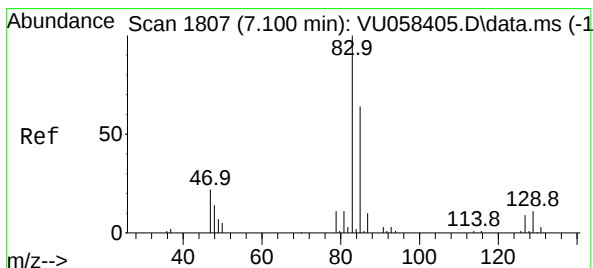
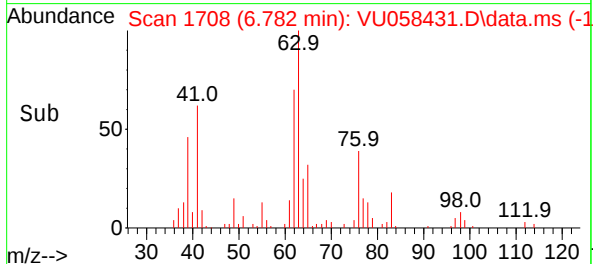
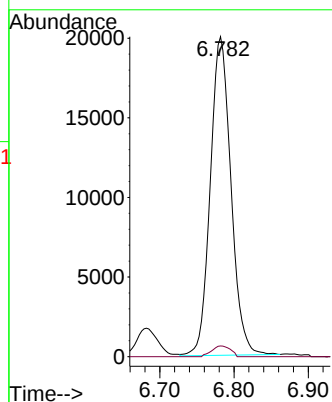
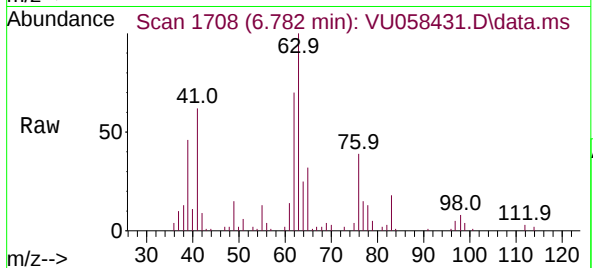




#37
1,2-Dichloropropane
Concen: 5.206 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

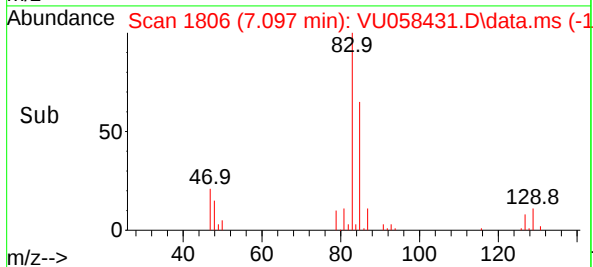
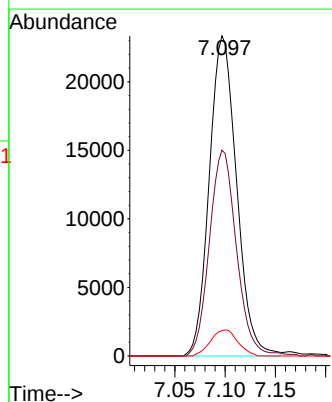
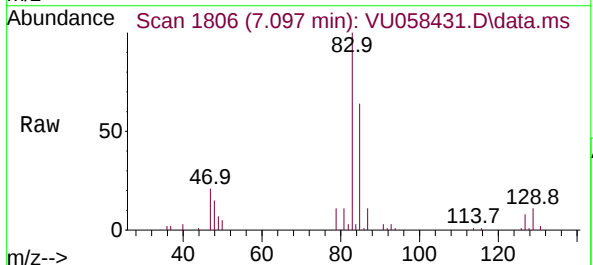
Instrument :
MSVOA_U
ClientSampleId :

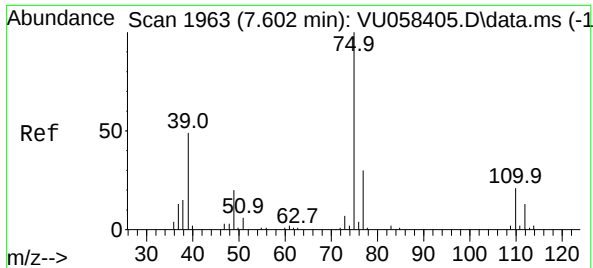
Tgt Ion: 63 Resp: 38662
Ion Ratio Lower Upper
63 100
112 3.0 2.6 4.0



#38
Bromodichloromethane
Concen: 5.199 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion: 83 Resp: 44077
Ion Ratio Lower Upper
83 100
85 64.3 44.2 82.2
127 7.9 6.5 9.7

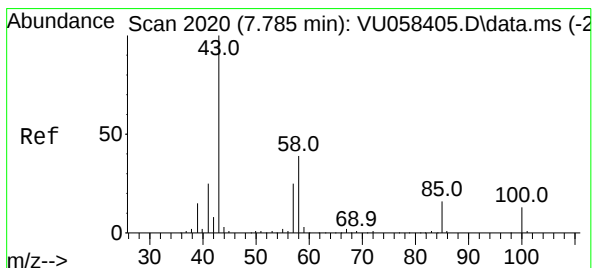
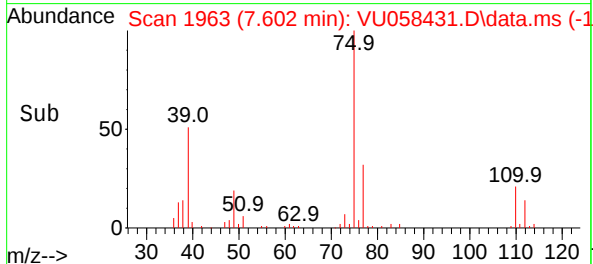
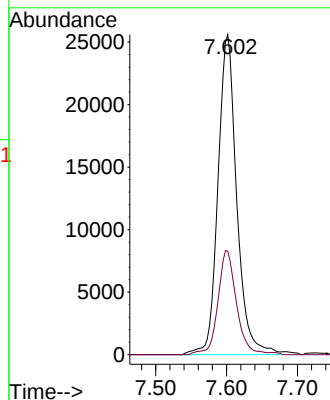
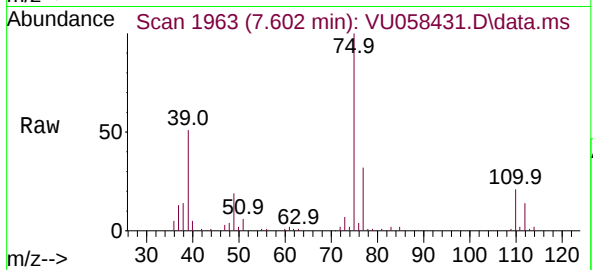




#39
 cis-1,3-Dichloropropene
 Concen: 4.986 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058431.D
 Acq: 05 Apr 2024 19:54

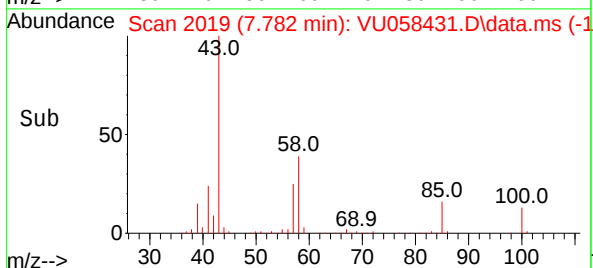
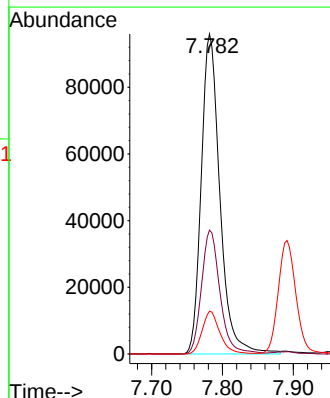
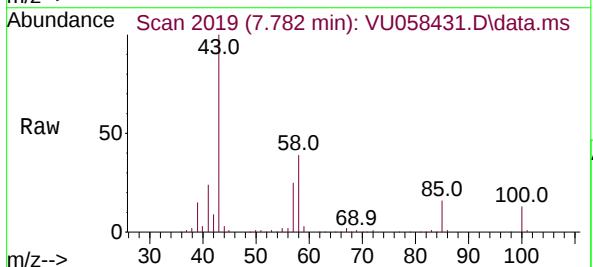
Instrument :
 MSVOA_U
 ClientSampleId :

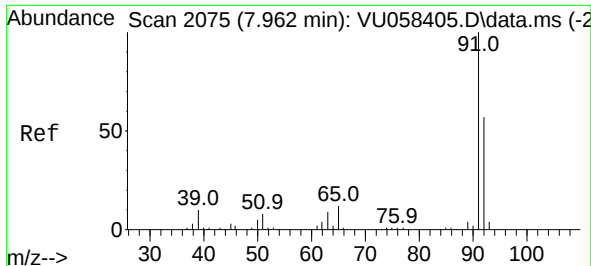
Tgt Ion: 75 Resp: 47092
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 50.167 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058431.D
 Acq: 05 Apr 2024 19:54

Tgt Ion: 43 Resp: 175375
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.4 45.6
 100 12.8 10.3 15.5





#42

Toluene

Concen: 5.151 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

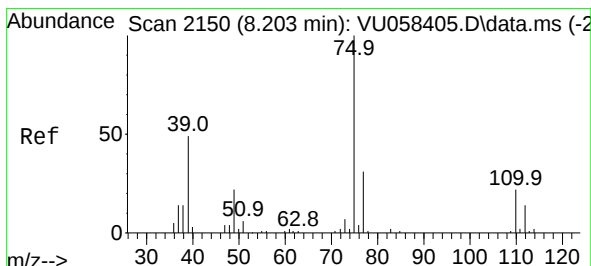
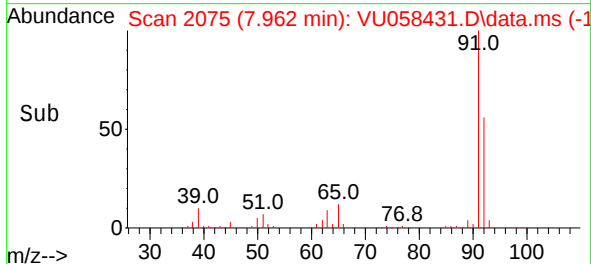
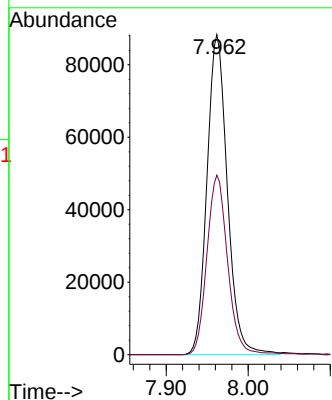
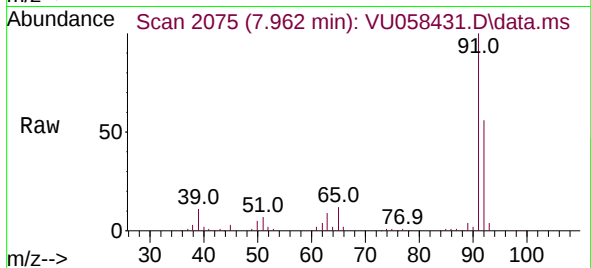
ClientSampleId :

Tgt Ion: 91 Resp: 152518

Ion Ratio Lower Upper

91 100

92 56.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.075 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058431.D

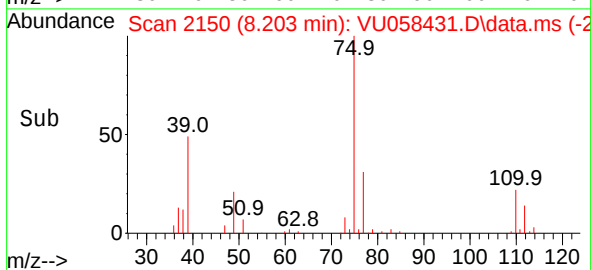
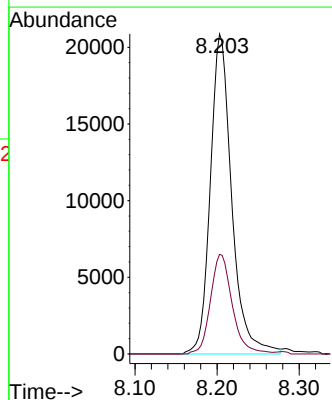
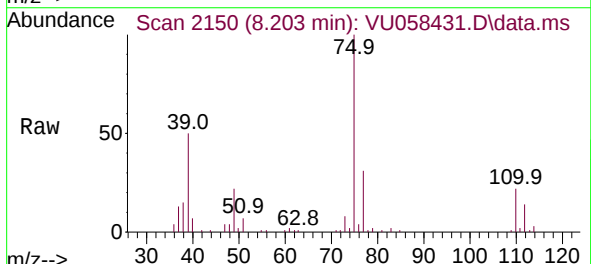
Acq: 05 Apr 2024 19:54

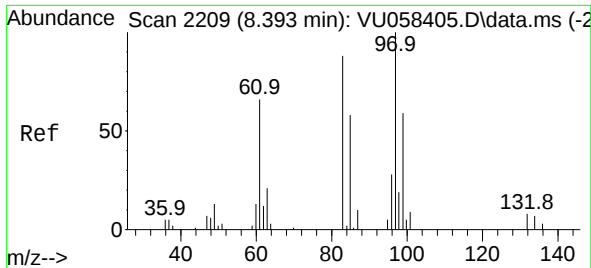
Tgt Ion: 75 Resp: 37798

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2



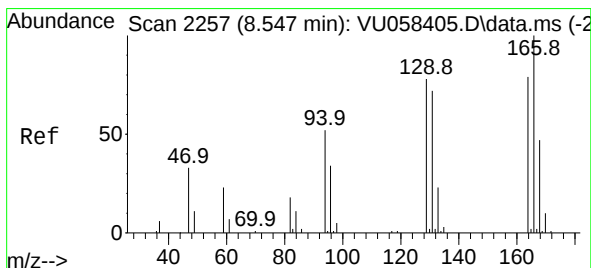
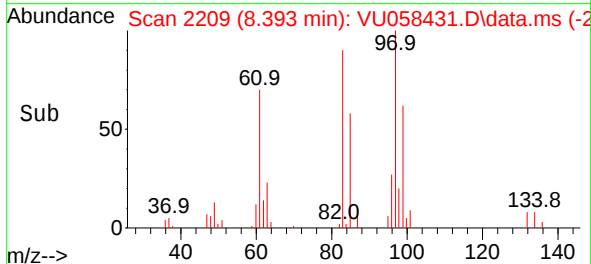
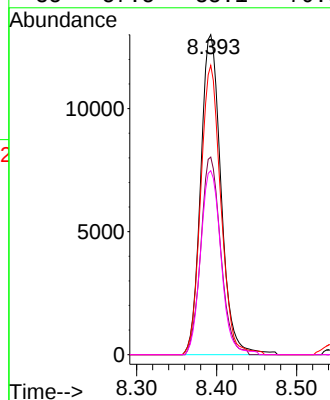
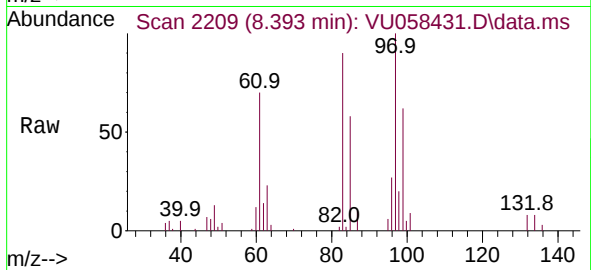


#45
1,1,2-Trichloroethane
Concen: 5.314 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 23048

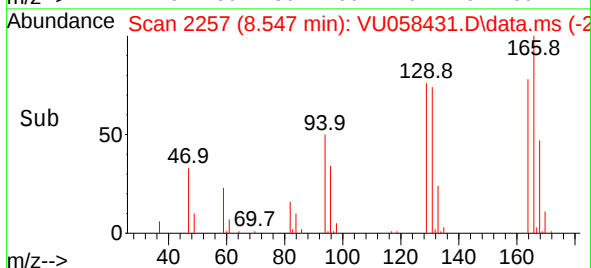
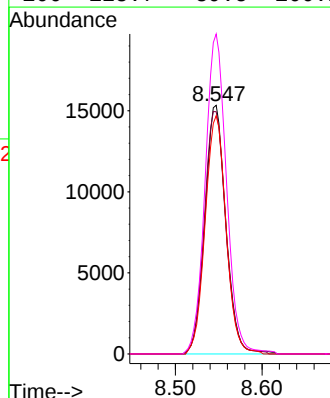
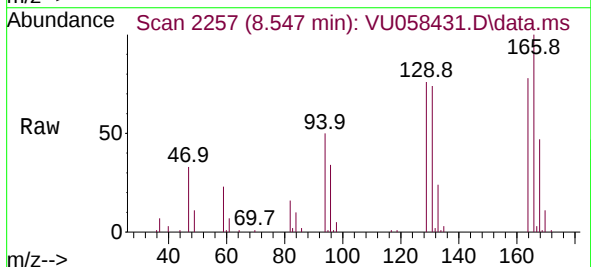
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.7	81.1
83	90.4	64.5	119.7
85	57.5	38.1	70.9

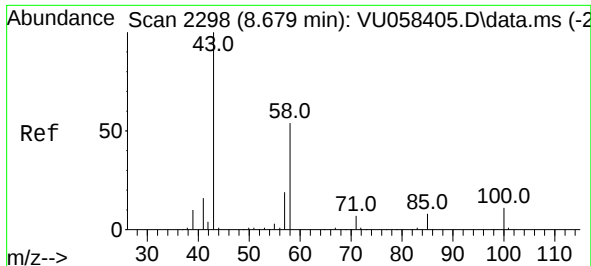


#47
Tetrachloroethene
Concen: 4.971 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion: 164 Resp: 25928

Ion	Ratio	Lower	Upper
164	100		
129	97.4	67.3	125.1
131	95.8	65.5	121.6
166	128.7	89.5	166.1

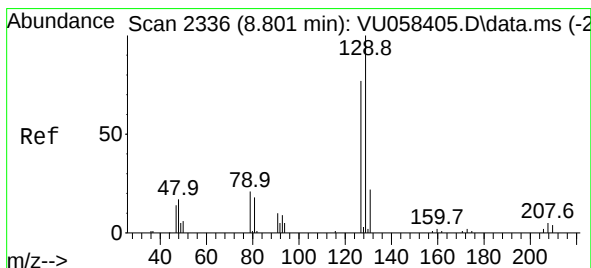
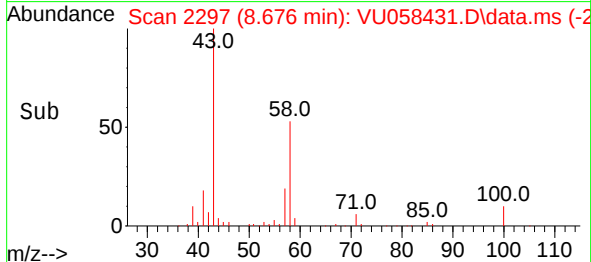
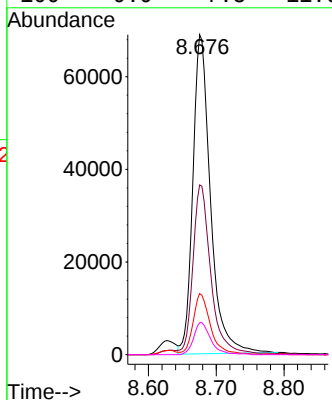
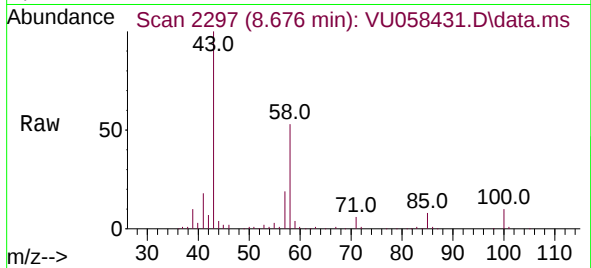




#48
2-Hexanone
Concen: 50.231 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

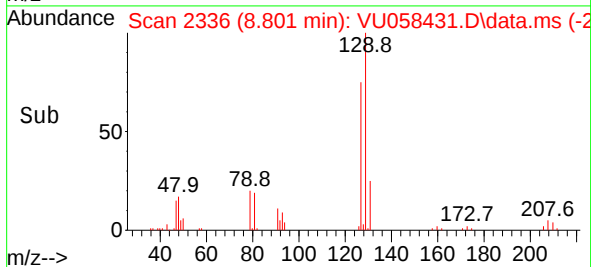
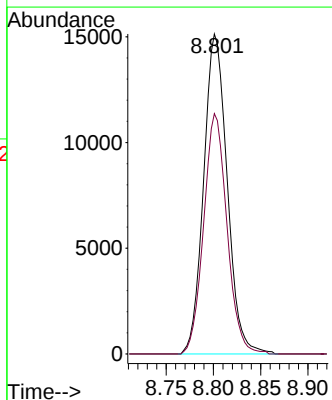
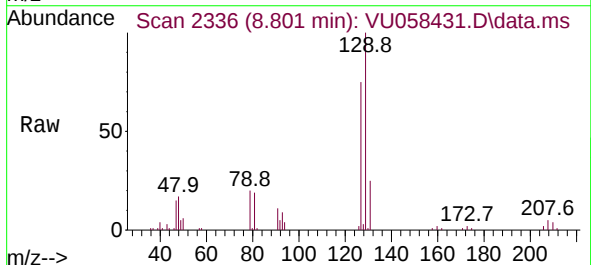
Instrument :
MSVOA_U
ClientSampleId :

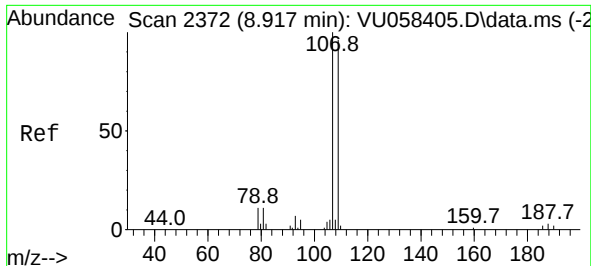
Tgt Ion: 43 Resp: 124660
Ion Ratio Lower Upper
43 100
58 53.0 43.2 64.8
57 19.1 15.4 23.0
100 9.9 7.8 11.6



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion: 129 Resp: 26221
Ion Ratio Lower Upper
129 100
127 75.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.152 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

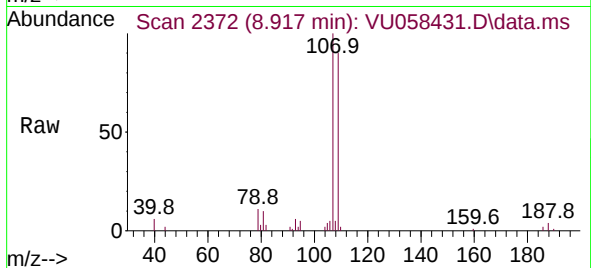
Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :



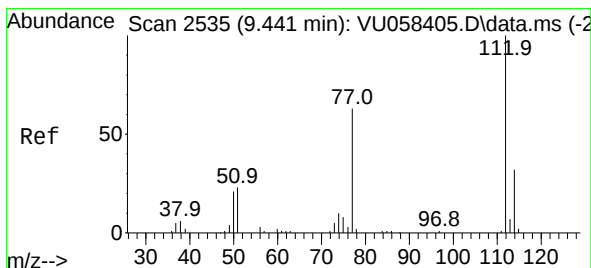
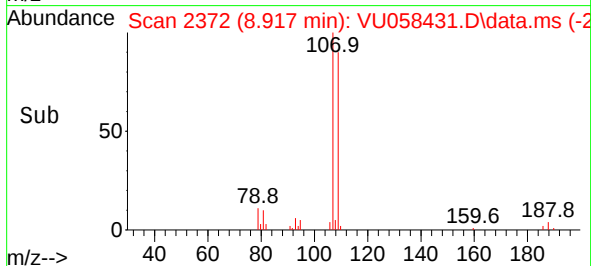
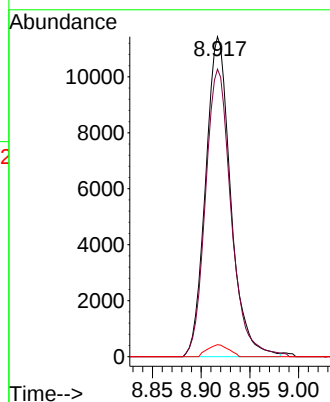
Tgt Ion:107 Resp: 20439

Ion Ratio Lower Upper

107 100

109 89.9 67.3 124.9

188 3.8 2.5 3.7#



#51

Chlorobenzene

Concen: 5.070 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

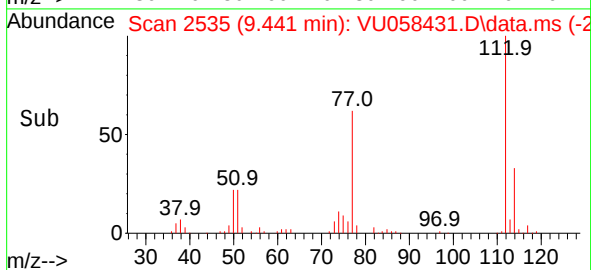
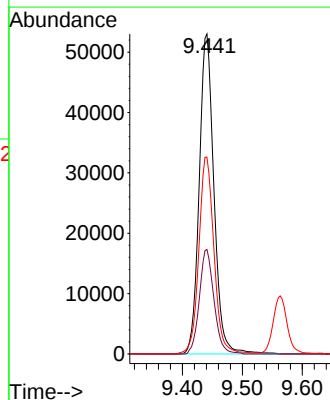
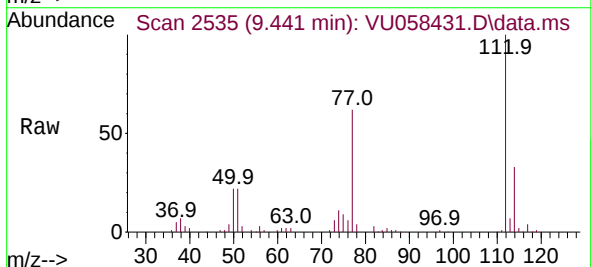
Tgt Ion:112 Resp: 90832

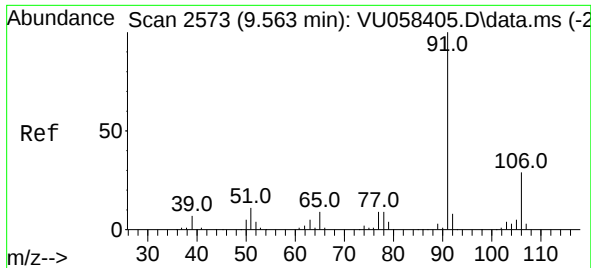
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 61.5 50.1 75.1

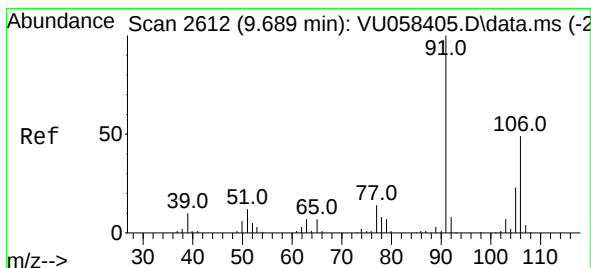
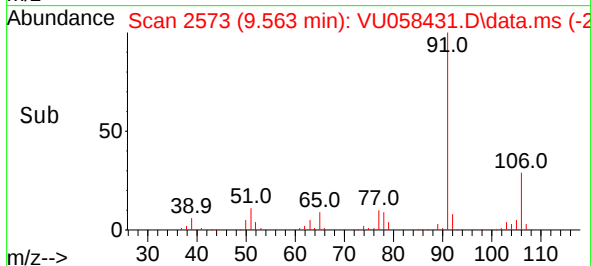
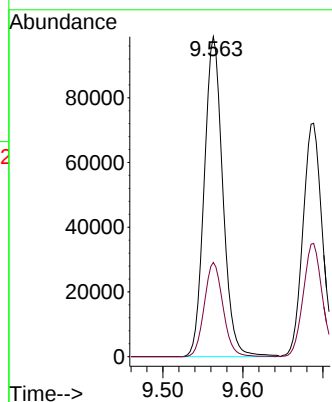
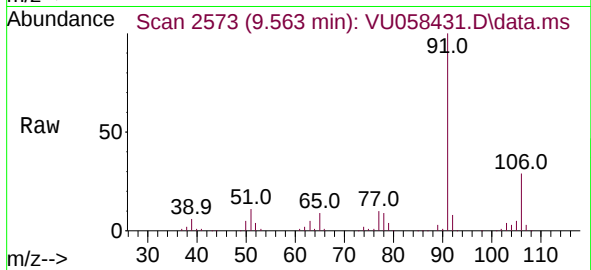




#52
Ethylbenzene
Concen: 5.099 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

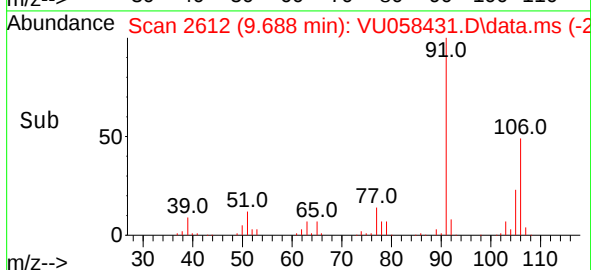
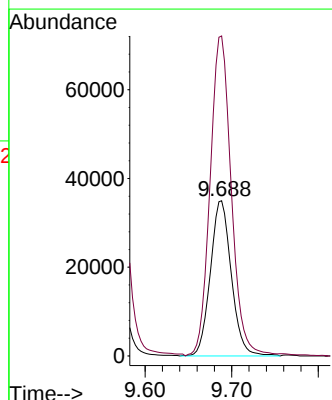
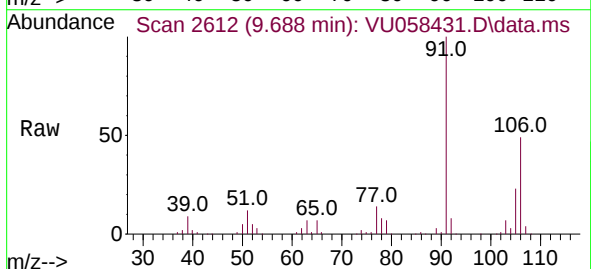
Instrument :
MSVOA_U
ClientSampleId :

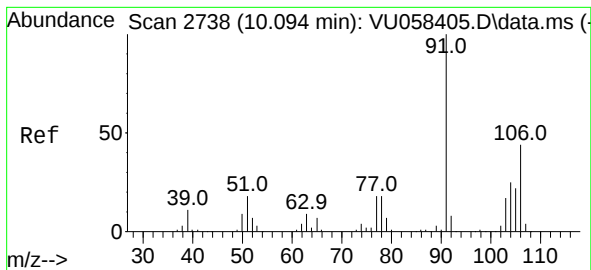
Tgt Ion: 91 Resp: 159947
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.243 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

Tgt Ion:106 Resp: 58897
Ion Ratio Lower Upper
106 100
91 206.1 147.8 274.4





#54

o-Xylene

Concen: 5.228 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

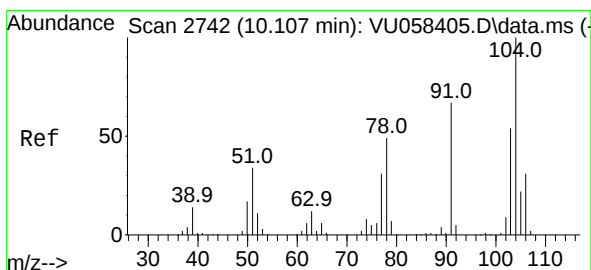
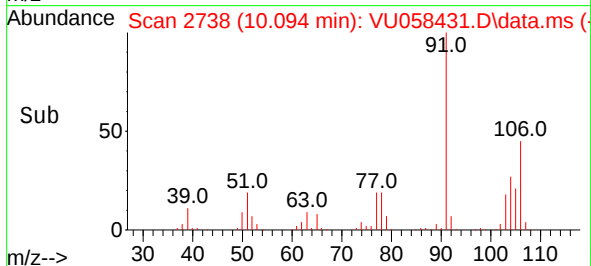
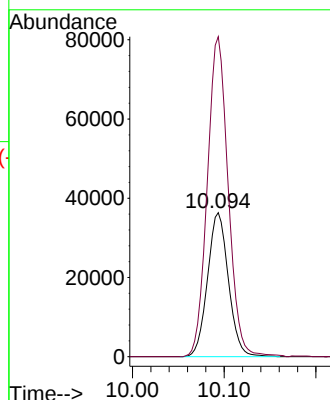
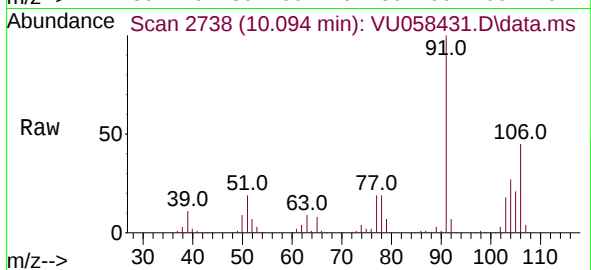
ClientSampleId :

Tgt Ion:106 Resp: 57573

Ion Ratio Lower Upper

106 100

91 222.3 156.9 291.5



#55

Styrene

Concen: 5.292 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058431.D

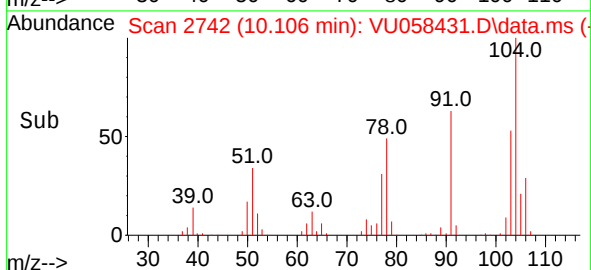
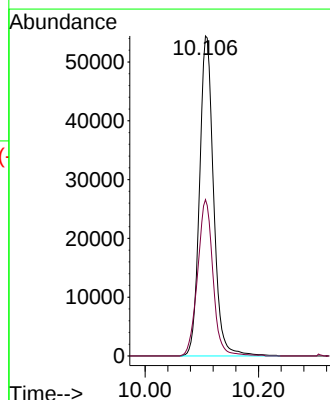
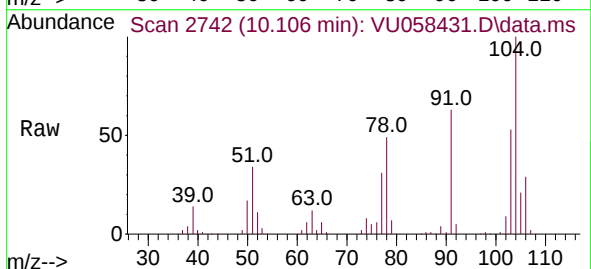
Acq: 05 Apr 2024 19:54

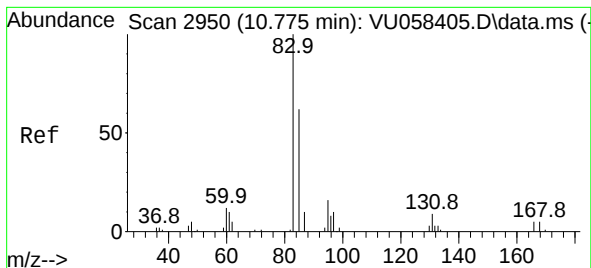
Tgt Ion:104 Resp: 93760

Ion Ratio Lower Upper

104 100

78 48.8 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.036 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

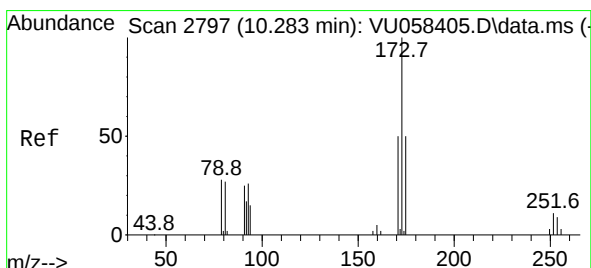
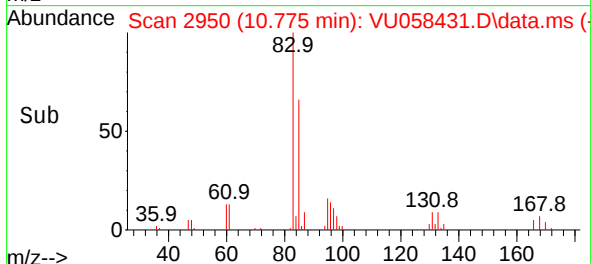
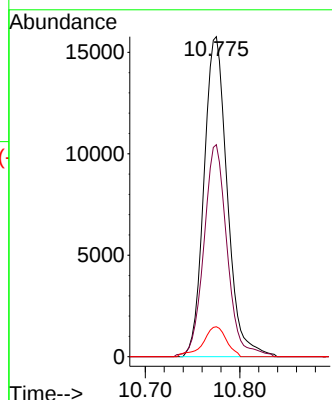
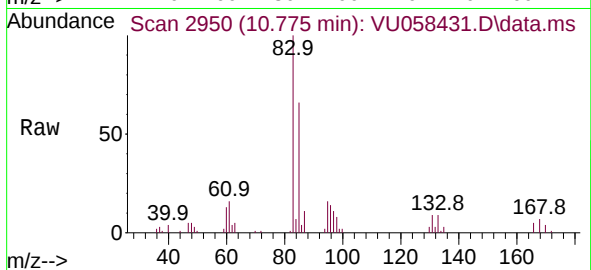
Tgt Ion: 83 Resp: 26945

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7

131 9.3 6.9 10.3



#59

Bromoform

Concen: 4.947 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

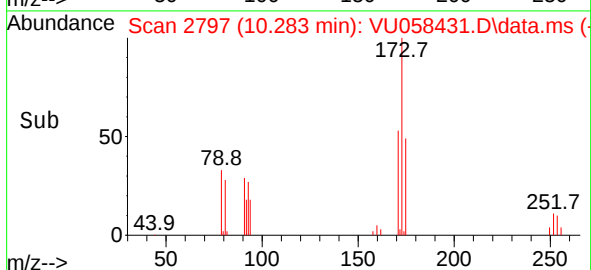
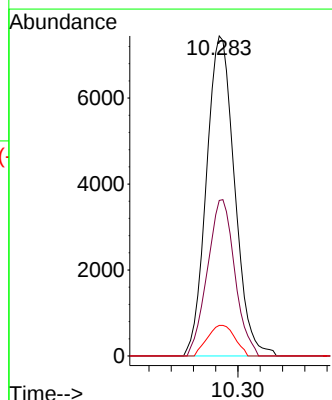
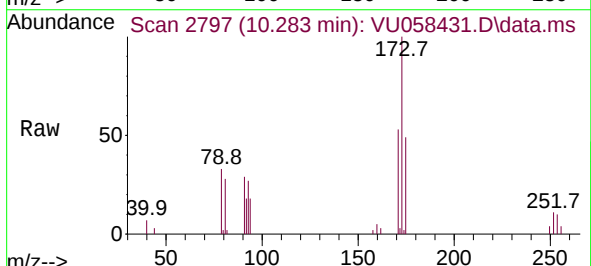
Tgt Ion:173 Resp: 13058

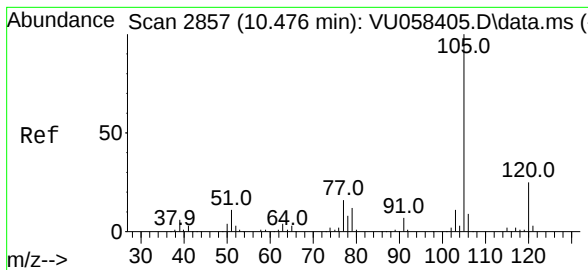
Ion Ratio Lower Upper

173 100

175 47.5 38.0 57.0

254 9.3 7.5 11.3





#60

Isopropylbenzene

Concen: 4.989 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

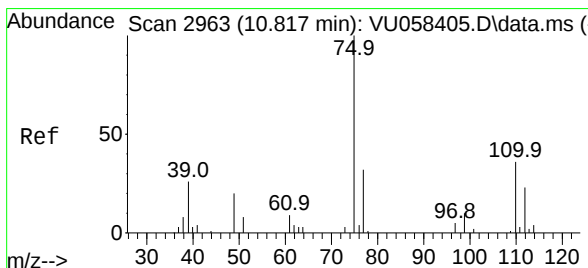
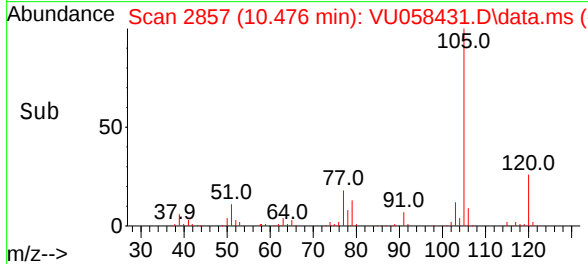
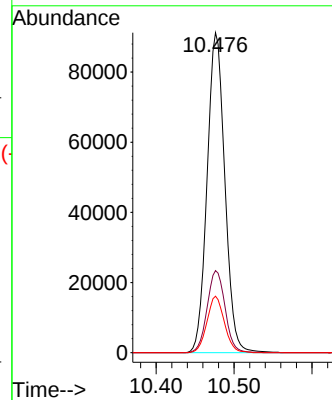
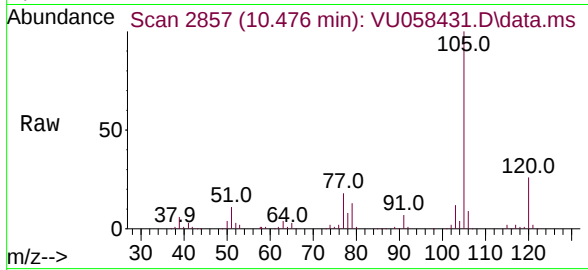
Tgt Ion:105 Resp: 144273

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.4

77 17.3 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.941 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

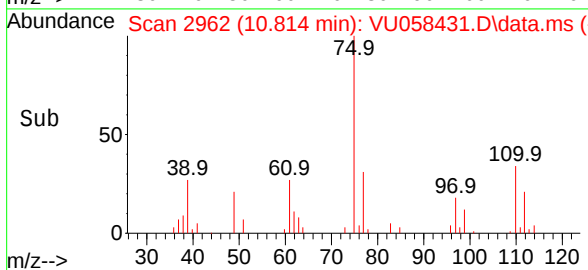
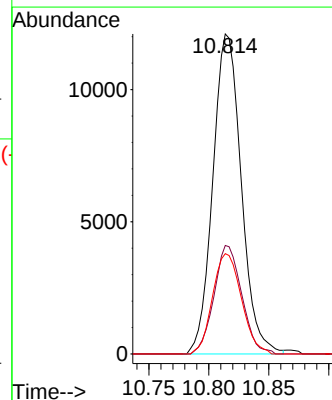
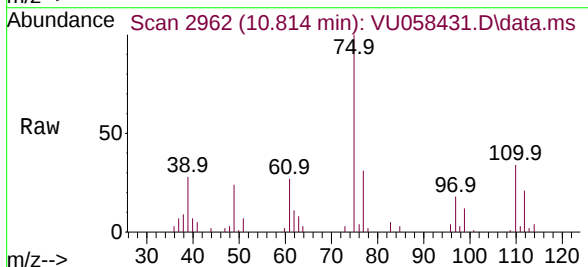
Tgt Ion: 75 Resp: 19914

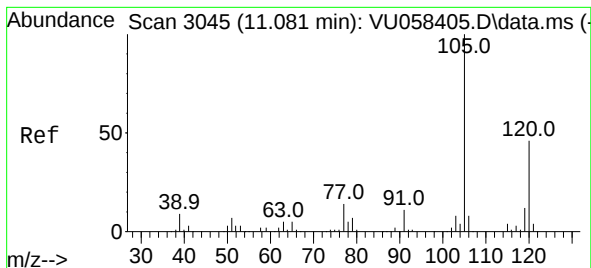
Ion Ratio Lower Upper

75 100

110 33.1 25.8 38.6

77 31.9 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.976 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

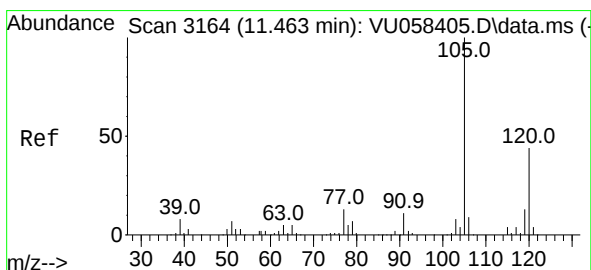
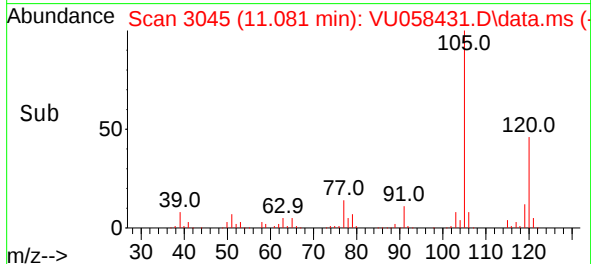
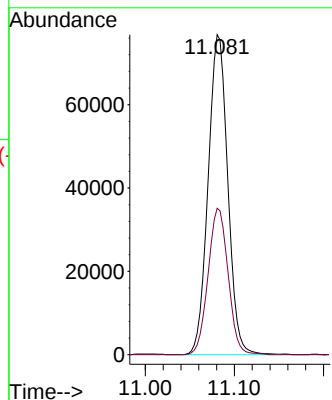
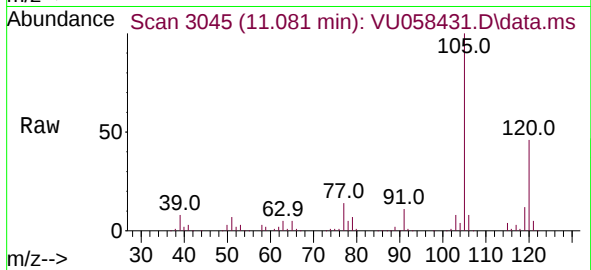
ClientSampleId :

Tgt Ion:105 Resp: 117361

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.948 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058431.D

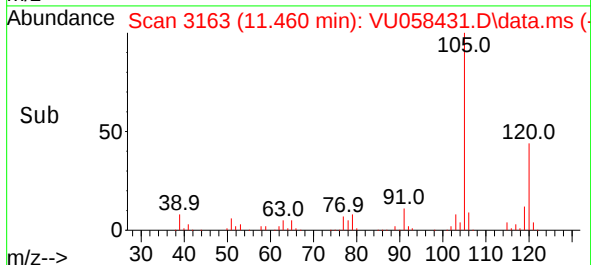
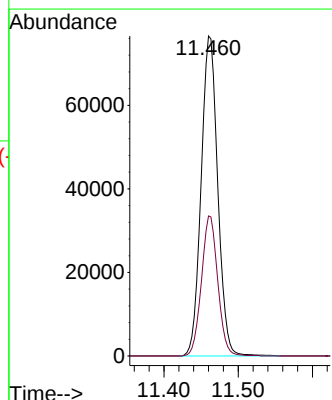
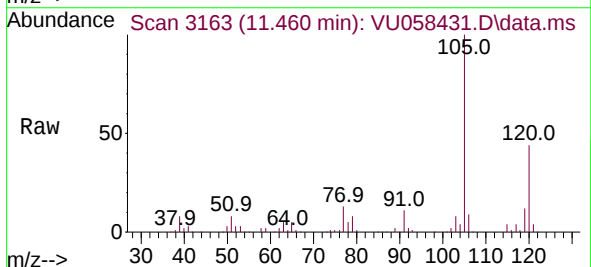
Acq: 05 Apr 2024 19:54

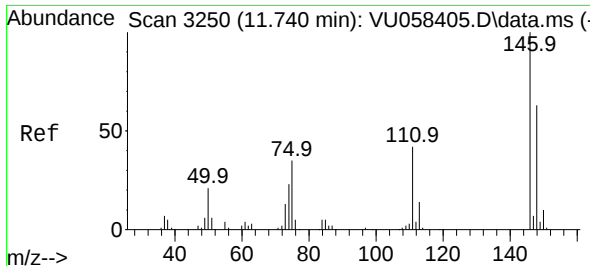
Tgt Ion:105 Resp: 119146

Ion Ratio Lower Upper

105 100

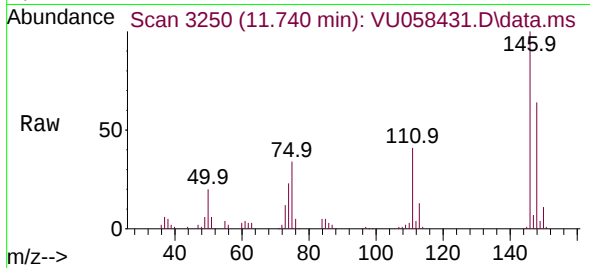
120 42.8 34.7 52.1



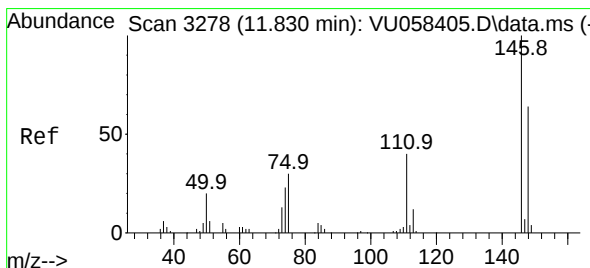
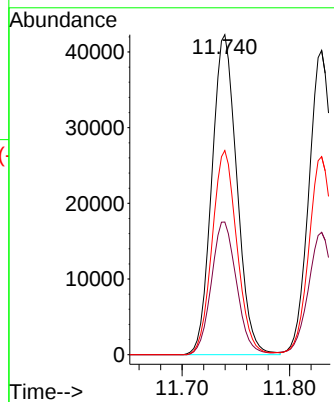
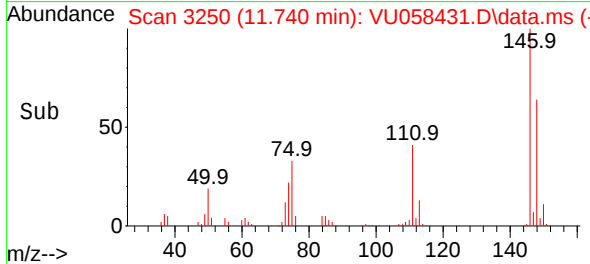


#64
1,3-Dichlorobenzene
Concen: 4.878 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

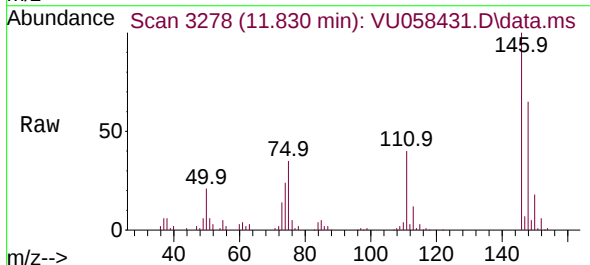
Instrument :
MSVOA_U
ClientSampleId :



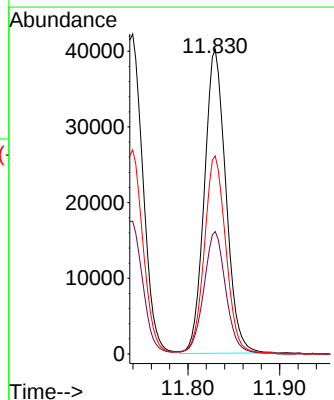
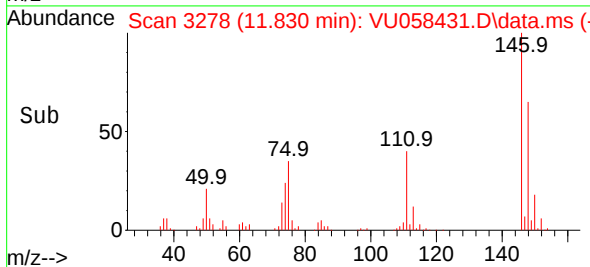
Tgt Ion:146 Resp: 68523
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.4
148 63.8 44.9 83.3

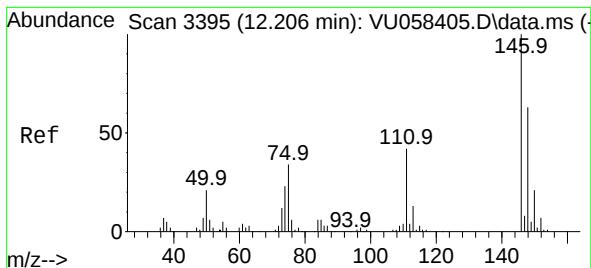


#65
1,4-Dichlorobenzene
Concen: 4.797 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54



Tgt Ion:146 Resp: 65656
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.6
148 65.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.810 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

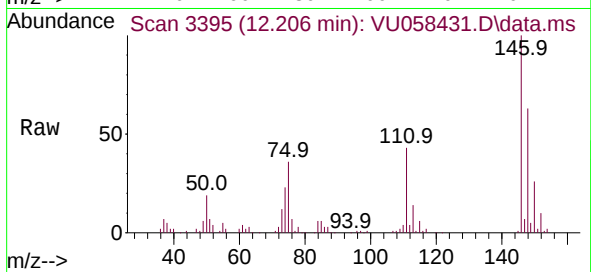
Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :



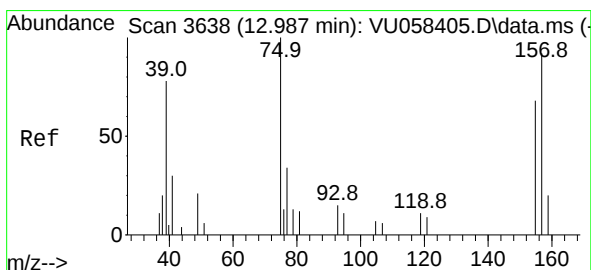
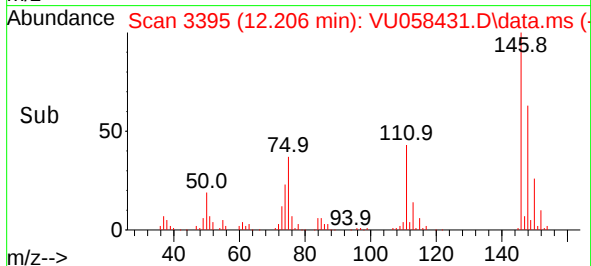
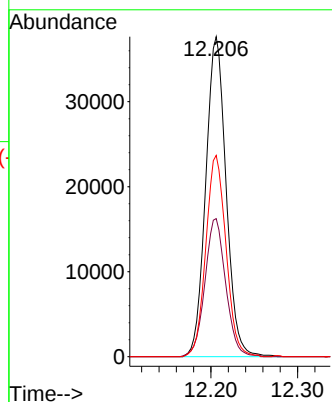
Tgt Ion:146 Resp: 61469

Ion Ratio Lower Upper

146 100

111 43.1 35.0 52.4

148 62.9 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.297 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

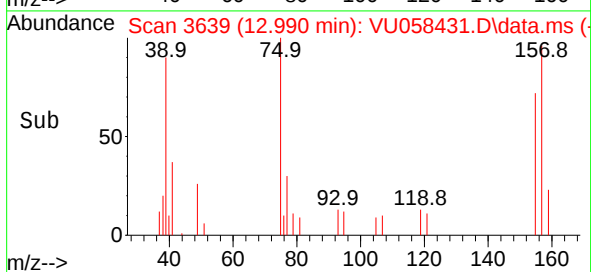
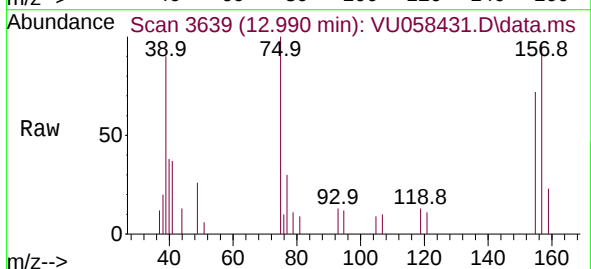
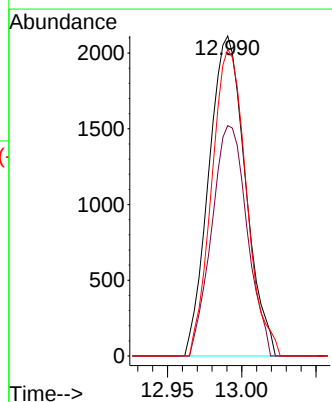
Tgt Ion: 75 Resp: 3621

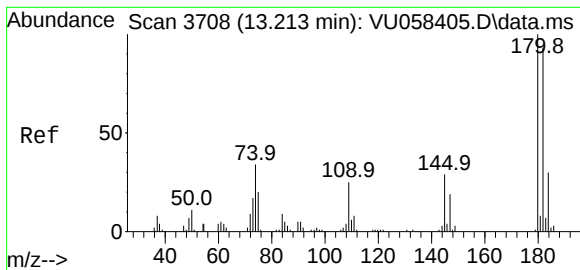
Ion Ratio Lower Upper

75 100

155 72.0 61.4 92.0

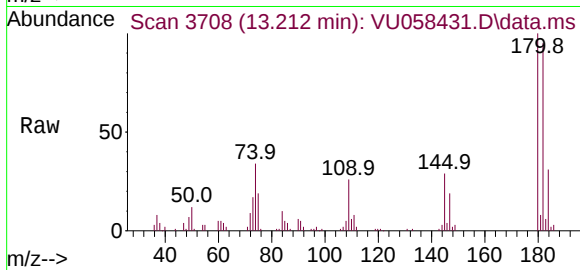
157 95.8 81.7 122.5



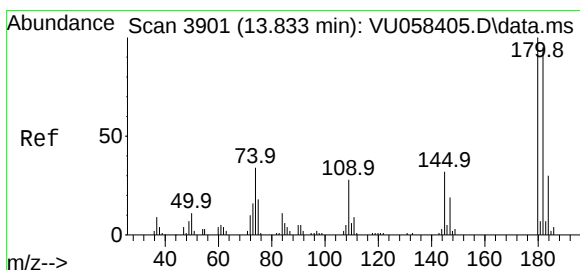
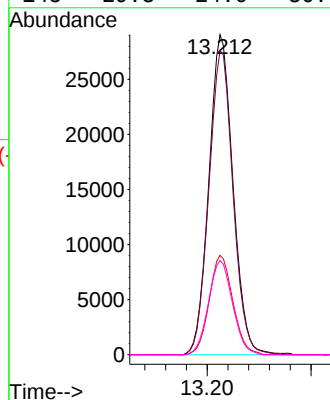
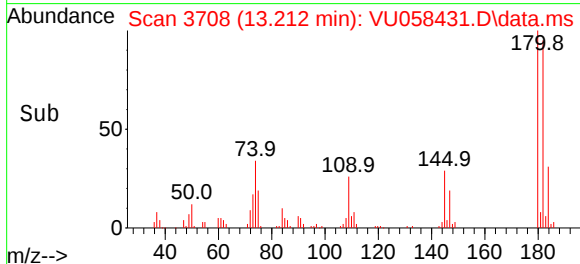


#69
1,3,5-Trichlorobenzene
Concen: 4.488 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54

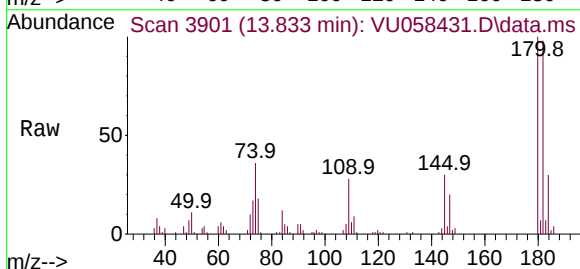
Instrument :
MSVOA_U
ClientSampleId :



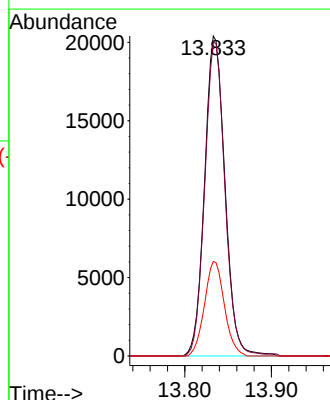
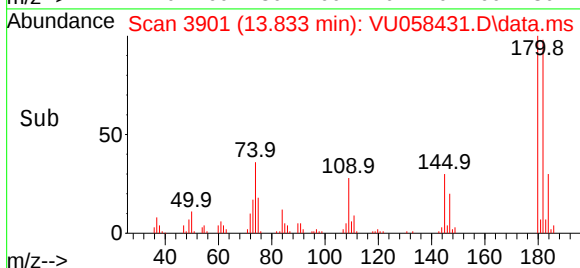
Tgt Ion:180 Resp: 46622
Ion Ratio Lower Upper
180 100
182 95.0 75.7 113.5
184 30.4 24.3 36.5
145 29.3 24.0 36.0

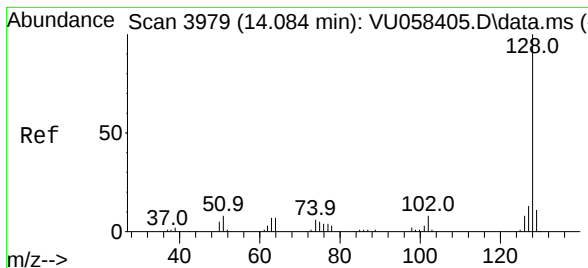


#70
1,2,4-trichlorobenzene
Concen: 4.163 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU058431.D
Acq: 05 Apr 2024 19:54



Tgt Ion:180 Resp: 33351
Ion Ratio Lower Upper
180 100
182 96.8 74.4 111.6
145 28.8 24.1 36.1





#71

Naphthalene

Concen: 3.418 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

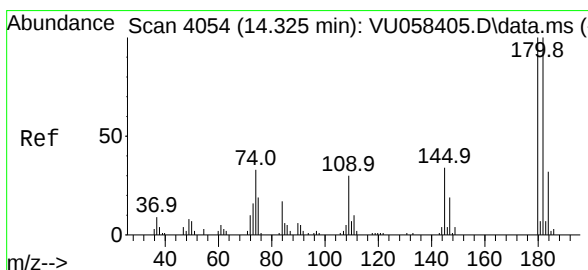
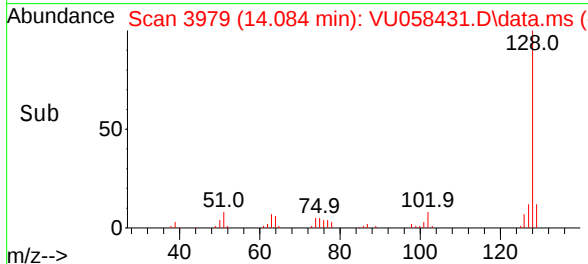
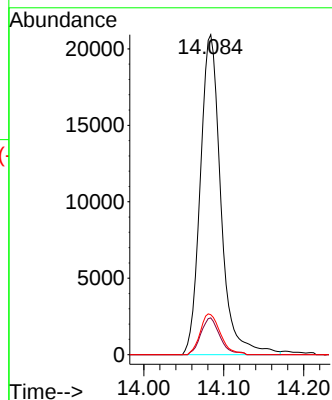
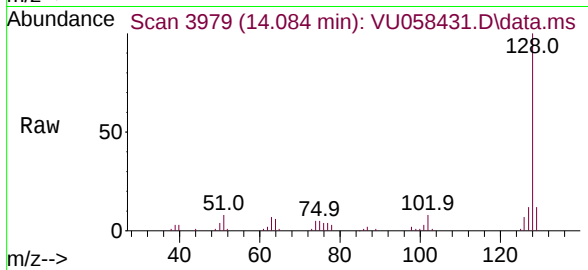
Tgt Ion:128 Resp: 37515

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.5 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.088 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU058431.D

Acq: 05 Apr 2024 19:54

Tgt Ion:180 Resp: 27042

Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 32.8 25.2 37.8

