

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058527.D
 Acq On : 09 Apr 2024 19:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:18:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24750	5.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.904	69	21140	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.557	65	11157	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	4.624	46	44988	44.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.660%
24) Chloroform-d	5.052	84	47403	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	21112	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.718	84	93019	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.682	67	28238	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	83994	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.174	79	8394	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.628	63	33144	43.585	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17505	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	24628	4.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	30208	5.039	ug/L	100
3) Chloromethane	1.512	50	38295	5.219	ug/L	99
5) Vinyl chloride	1.596	62	39145	5.342	ug/L	97
6) Bromomethane	1.850	94	18468	5.327	ug/L	100
8) Chloroethane	1.927	64	24851	5.368	ug/L	98
9) Trichlorofluoromethane	2.133	101	51205	5.292	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30049	5.226	ug/L	96
12) 1,1-Dichloroethene	2.573	96	26944	5.286	ug/L	95
13) Acetone	2.637	43	41565	48.527	ug/L	98
14) Carbon disulfide	2.785	76	82592	5.101	ug/L	99
15) Methyl Acetate	2.949	43	11858	5.867	ug/L	96
16) Methylene chloride	3.033	84	33258	4.916	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	63535	5.277	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	28856	5.401	ug/L	94
19) 1,1-Dichloroethane	3.856	63	64677	5.546	ug/L	99
21) 2-Butanone	4.702	43	65546	51.198	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	32640	5.440	ug/L	99
23) Bromochloromethane	4.965	128	13018	5.507	ug/L	97
25) Chloroform	5.075	83	63855	5.658	ug/L	100

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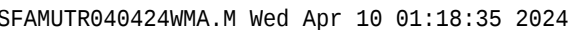
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 MSVOA_U
 ClientSampleId :

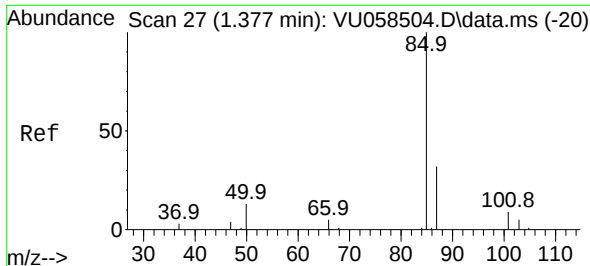
Quant Time: Apr 10 01:18:25 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37927	5.518	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	49843	5.285	ug/L	97
30) Cyclohexane	5.380	56	50754	5.095	ug/L	99
31) Carbon tetrachloride	5.515	117	43068	5.392	ug/L	98
33) Benzene	5.763	78	136222	5.342	ug/L	100
34) Trichloroethene	6.534	95	33429	5.201	ug/L	99
35) Methylcyclohexane	6.753	83	48079	4.964	ug/L	96
37) 1,2-Dichloropropane	6.782	63	37266	5.554	ug/L	100
38) Bromodichloromethane	7.097	83	41896	5.471	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	43877	5.143	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	169040	53.528	ug/L	100
42) Toluene	7.962	91	140811	5.264	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	35402	5.262	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	21273	5.429	ug/L	99
47) Tetrachloroethene	8.547	164	23027	4.887	ug/L	96
48) 2-Hexanone	8.676	43	117319	52.330	ug/L	99
49) Dibromochloromethane	8.801	129	24086	5.317	ug/L	99
50) 1,2-Dibromoethane	8.917	107	18799	5.246	ug/L	96
51) Chlorobenzene	9.441	112	83490	5.159	ug/L	99
52) Ethylbenzene	9.563	91	145750	5.143	ug/L	100
53) m,p-Xylene	9.685	106	51583	5.084	ug/L	97
54) o-Xylene	10.094	106	52300	5.257	ug/L	99
55) Styrene	10.107	104	85037	5.313	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	25672	5.311	ug/L	97
59) Bromoform	10.283	173	12291	5.224	ug/L	97
60) Isopropylbenzene	10.476	105	131529	5.102	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18331	5.102	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	106837	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	108084	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	61167	4.884	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	59897	4.909	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	55899	4.907	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	3460	5.678	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	42560	4.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	29587	4.143	ug/L	98
71) Naphthalene	14.084	128	33441	3.417	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24012	4.072	ug/L	99

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

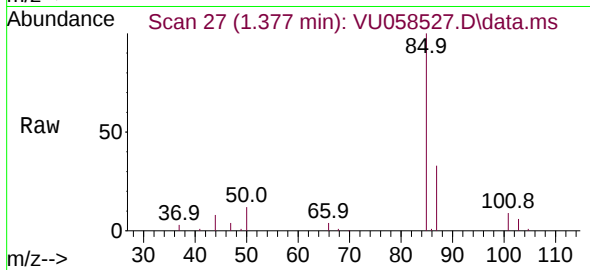
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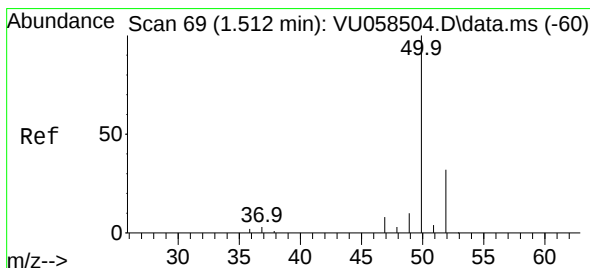
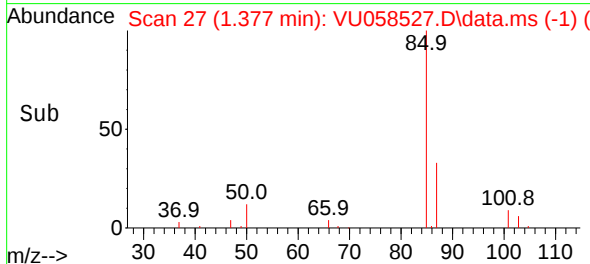
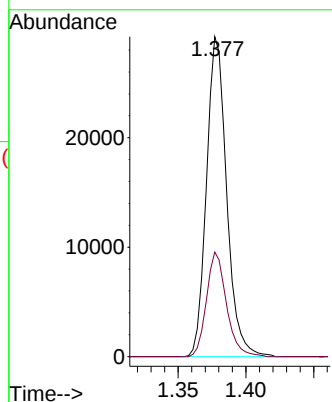


#2
 Dichlorodifluoromethane
 Concen: 5.039 ug/L
 RT: 1.377 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VU058527.D
 Acq: 09 Apr 2024 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

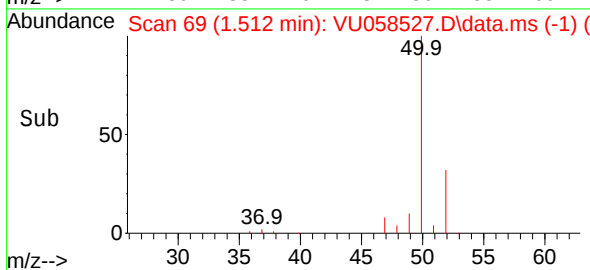
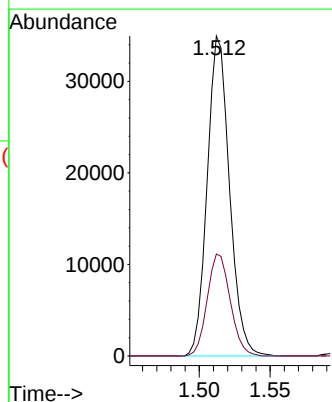
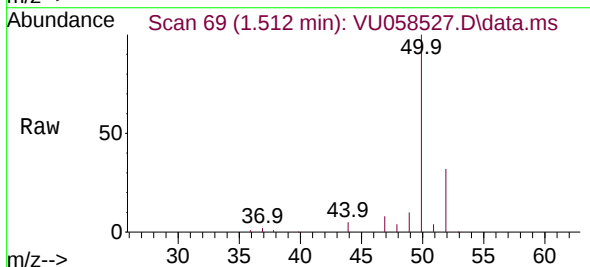


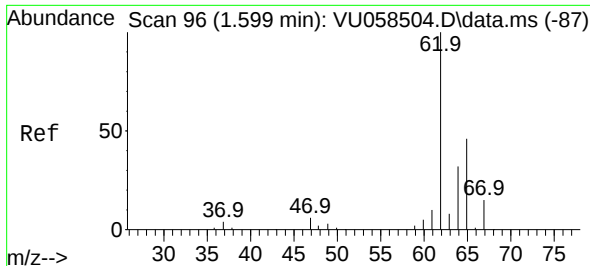
Tgt Ion: 85 Resp: 30208
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 5.219 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VU058527.D
 Acq: 09 Apr 2024 19:58

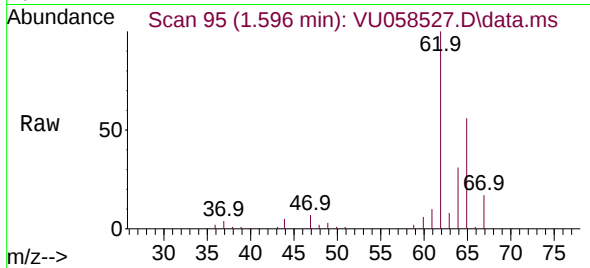
Tgt Ion: 50 Resp: 38295
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.6 42.0



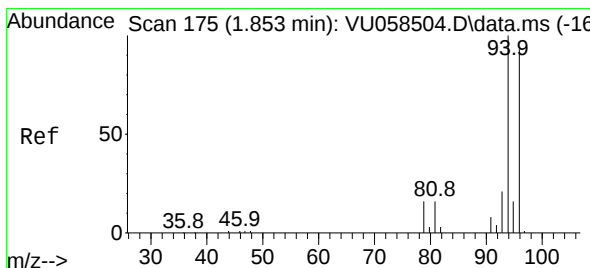
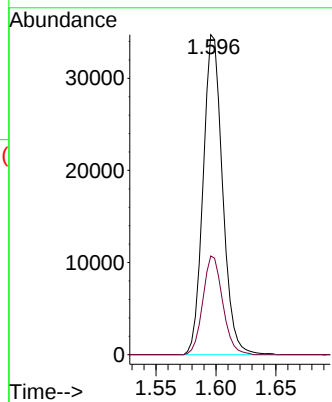
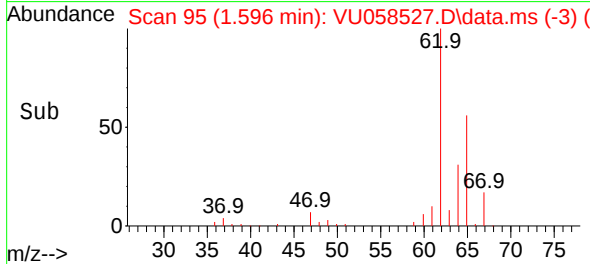


#5
 Vinyl chloride
 Concen: 5.342 ug/L
 RT: 1.596 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU058527.D
 Acq: 09 Apr 2024 19:58

Instrument :
 MSVOA_U
 ClientSampleId :

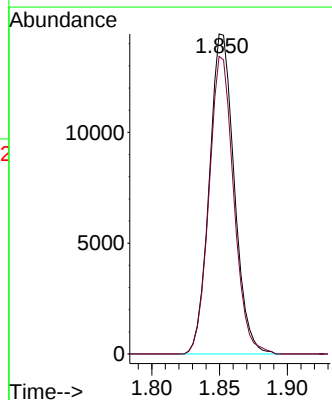
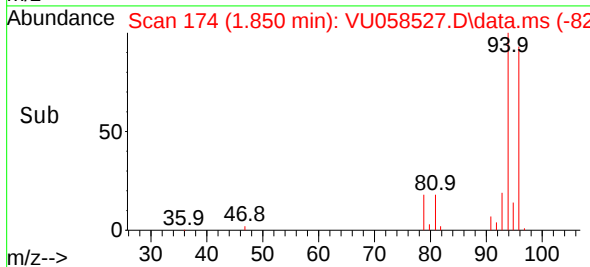
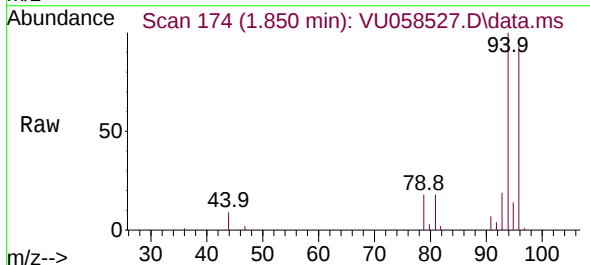


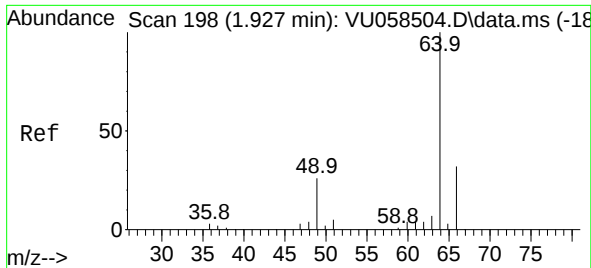
Tgt Ion: 62 Resp: 39145
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.6 42.0



#6
 Bromomethane
 Concen: 5.327 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU058527.D
 Acq: 09 Apr 2024 19:58

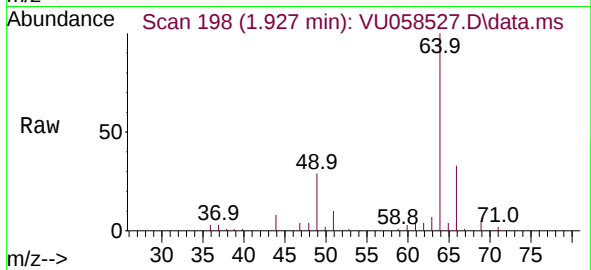
Tgt Ion: 94 Resp: 18468
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.4 121.4



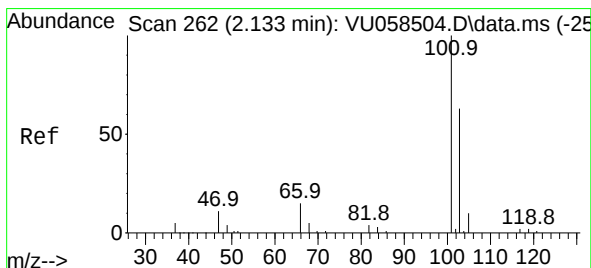
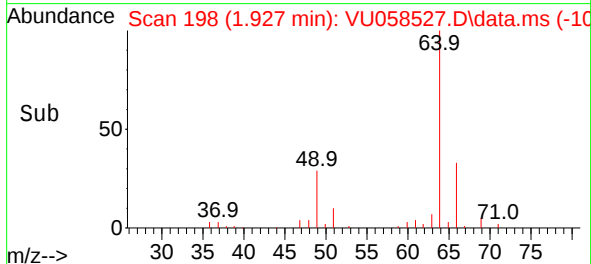
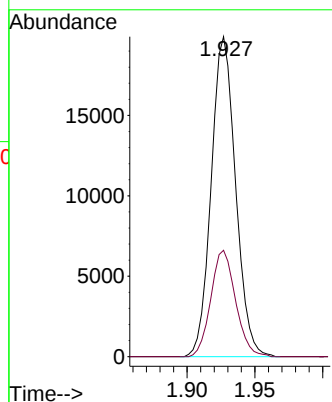


#8
Chloroethane
Concen: 5.368 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Instrument :
MSVOA_U
ClientSampleId :

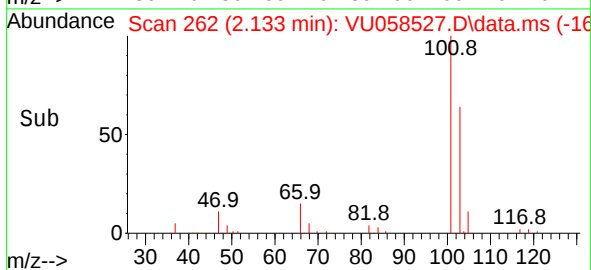
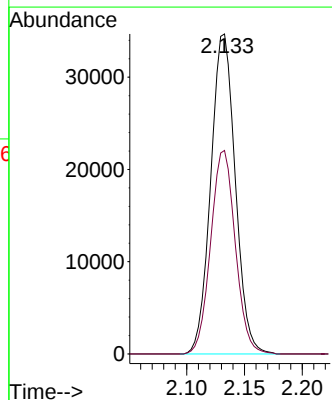
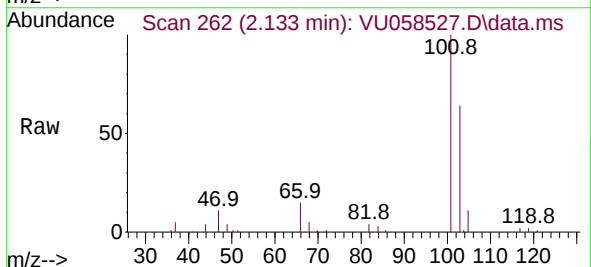


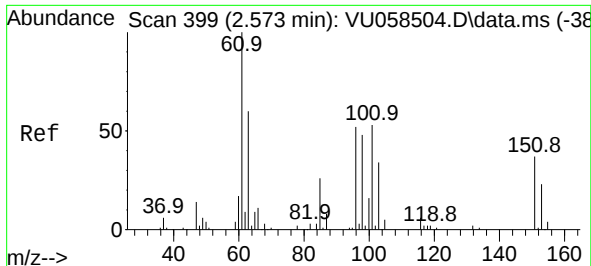
Tgt Ion: 64 Resp: 24851
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.292 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion:101 Resp: 51205
Ion Ratio Lower Upper
101 100
103 63.8 51.2 76.8

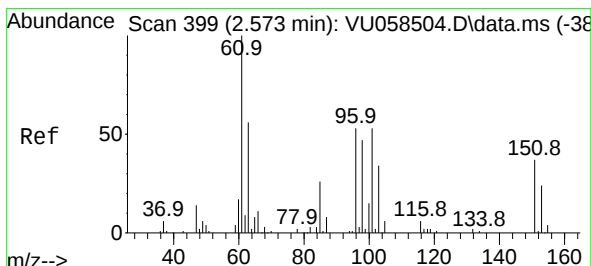
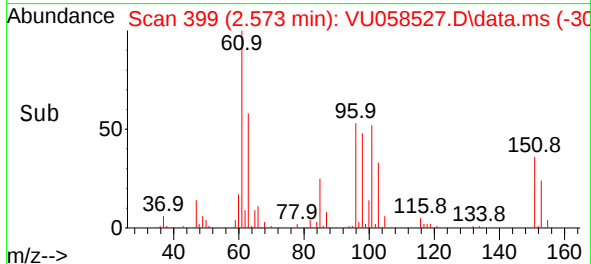
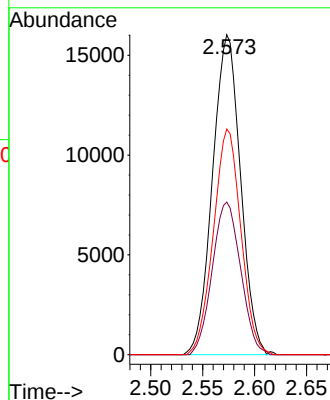
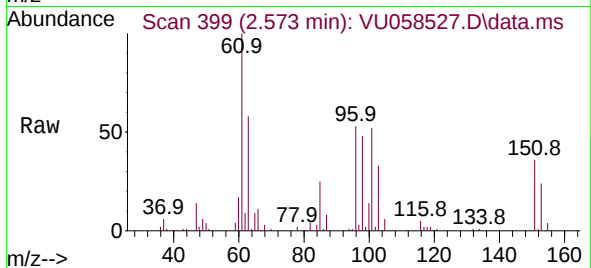




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.226 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

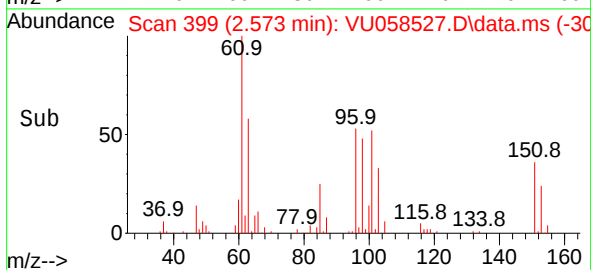
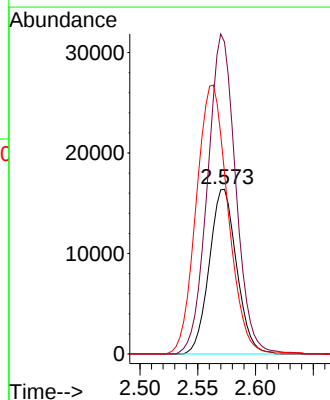
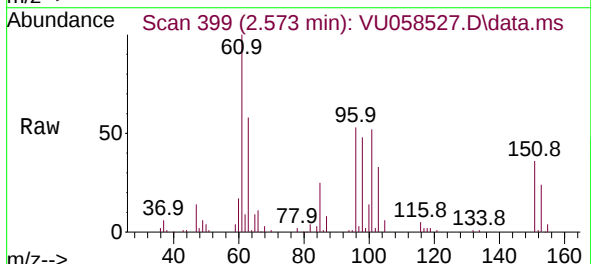
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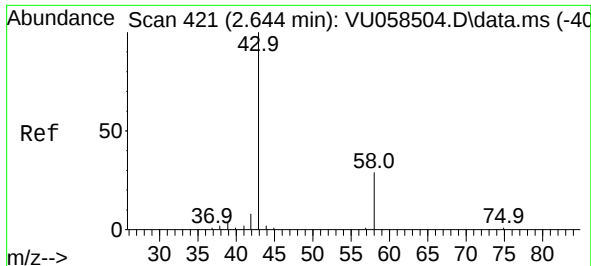
Tgt Ion:101 Resp: 30049
Ion Ratio Lower Upper
101 100
85 48.3 36.8 55.2
151 69.4 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.286 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 96 Resp: 26944
Ion Ratio Lower Upper
96 100
61 189.3 132.5 246.1
63 110.0 87.7 162.9





#13

Acetone

Concen: 48.527 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

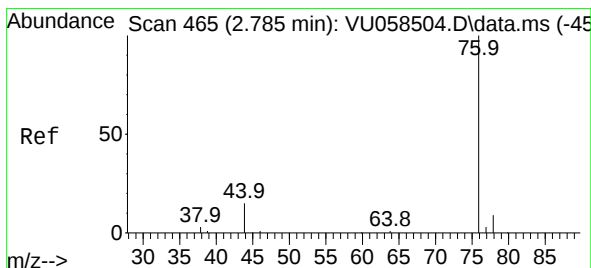
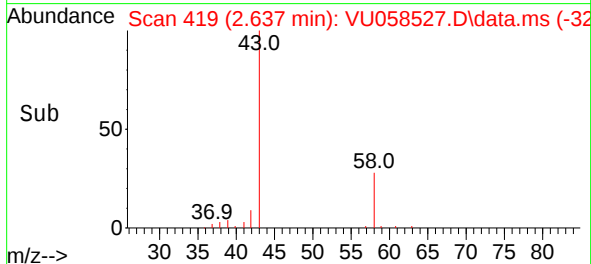
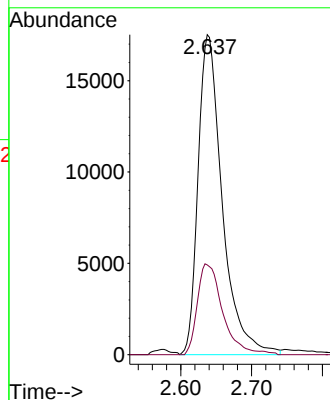
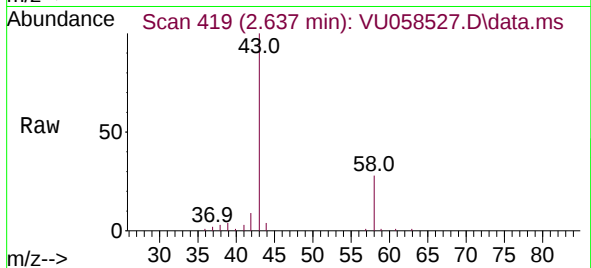
ClientSampleId :

Tgt Ion: 43 Resp: 41565

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.4



#14

Carbon disulfide

Concen: 5.101 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058527.D

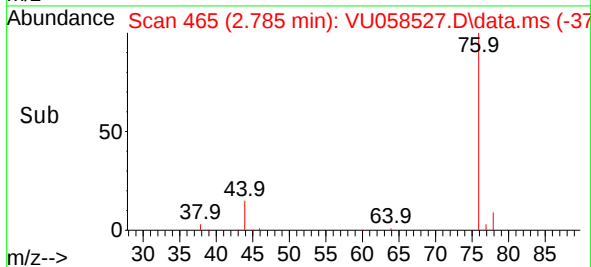
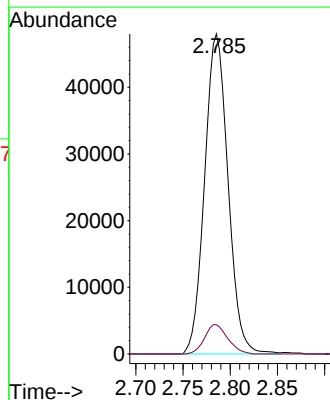
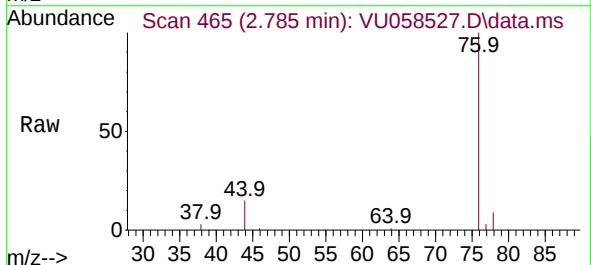
Acq: 09 Apr 2024 19:58

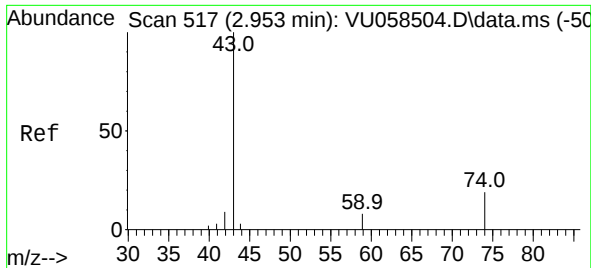
Tgt Ion: 76 Resp: 82592

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 5.867 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

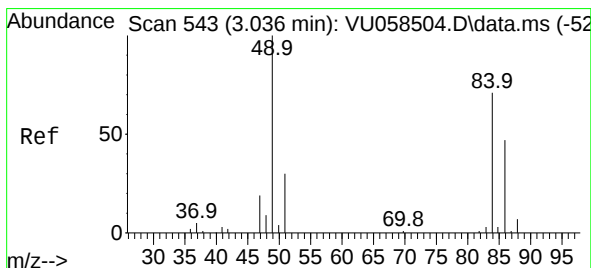
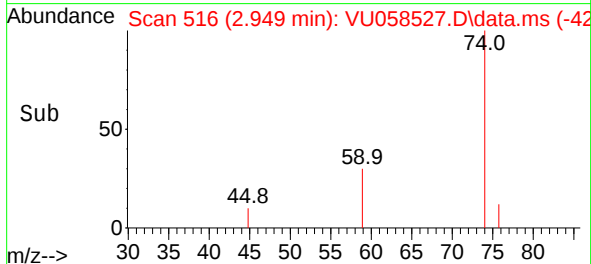
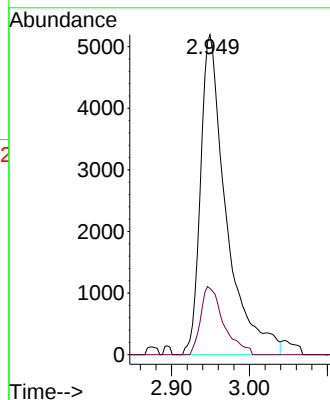
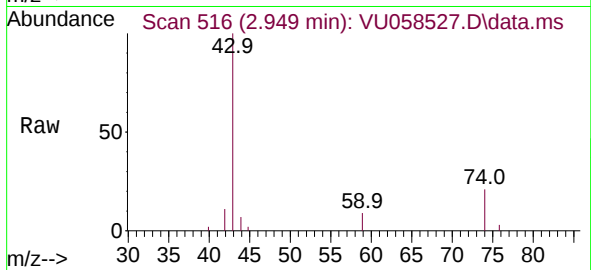
ClientSampleId :

Tgt Ion: 43 Resp: 11858

Ion Ratio Lower Upper

43 100

74 19.0 16.6 25.0



#16

Methylene chloride

Concen: 4.916 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

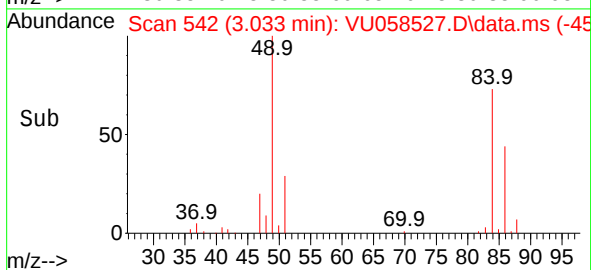
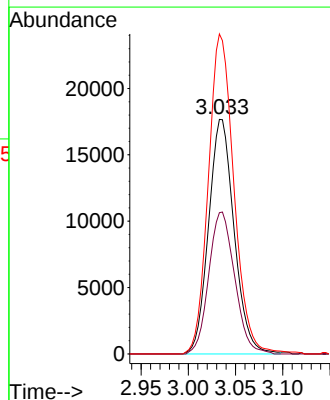
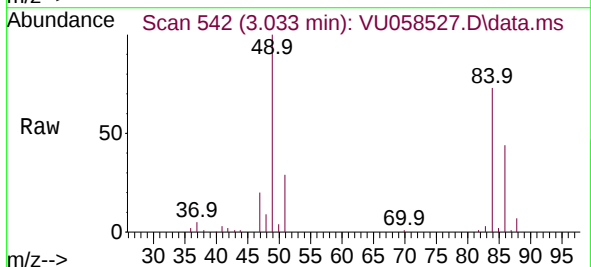
Tgt Ion: 84 Resp: 33258

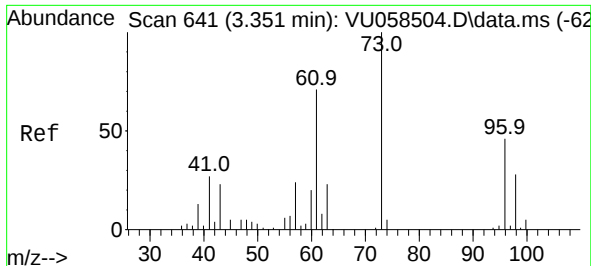
Ion Ratio Lower Upper

84 100

86 60.2 44.3 82.3

49 136.4 96.0 178.2

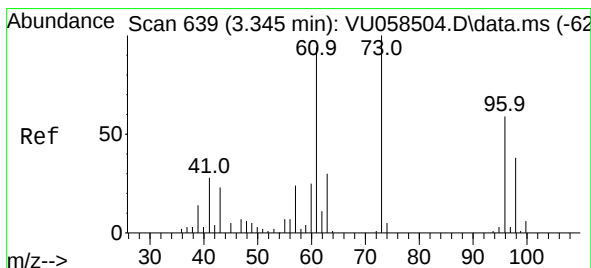
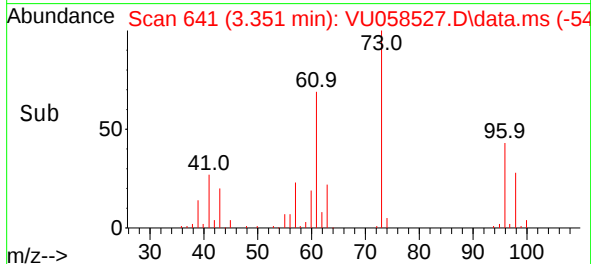
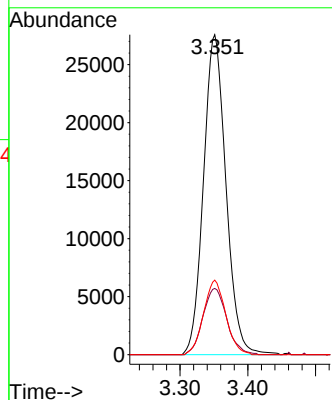
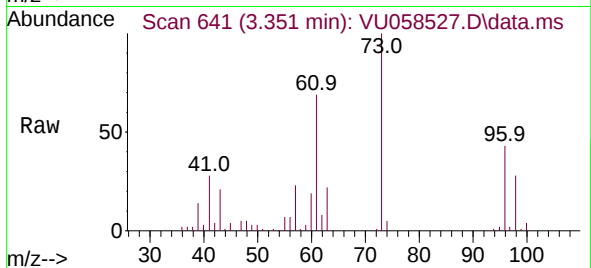




#17
Methyl tert-butyl Ether
Concen: 5.277 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

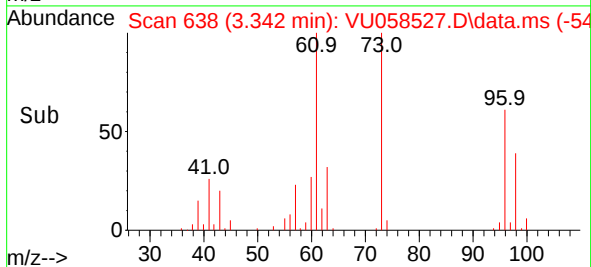
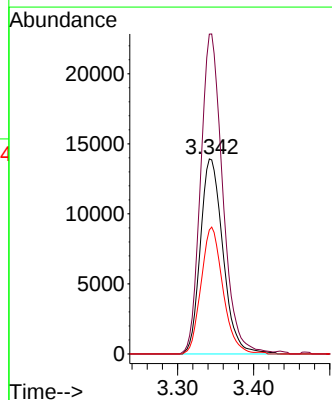
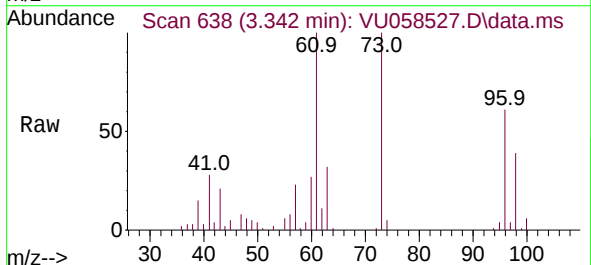
Instrument :
MSVOA_U
ClientSampleId :

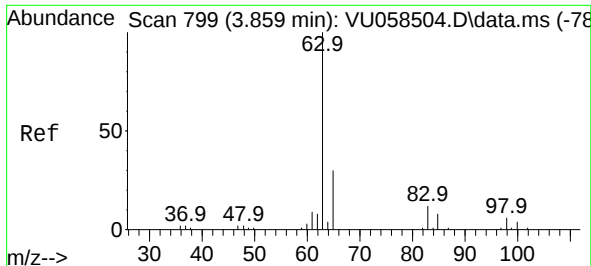
Tgt Ion: 73 Resp: 63535
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.2
57 23.0 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.401 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 96 Resp: 28856
Ion Ratio Lower Upper
96 100
61 164.0 107.6 199.8
98 63.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.546 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.003 min MSVOA_U

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :

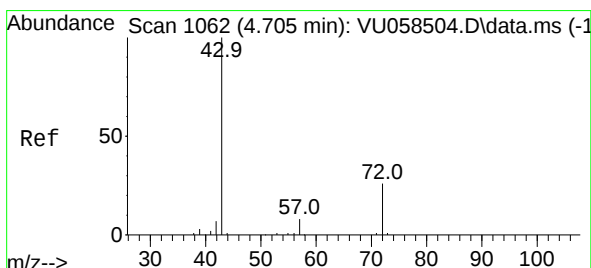
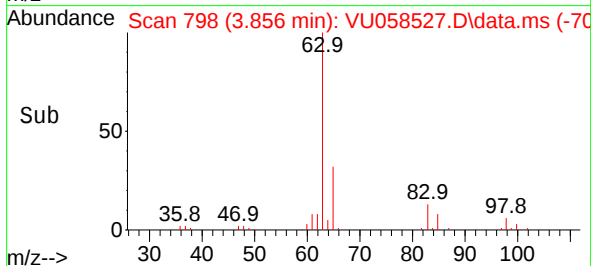
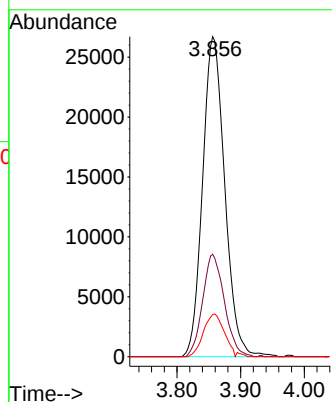
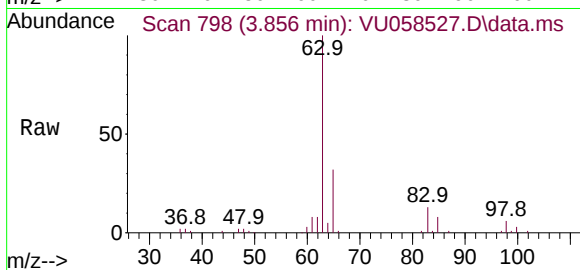
Tgt Ion: 63 Resp: 64677

Ion Ratio Lower Upper

63 100

65 32.0 22.9 42.5

83 13.2 9.6 17.8



#21

2-Butanone

Concen: 51.198 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.003 min

Lab File: VU058527.D

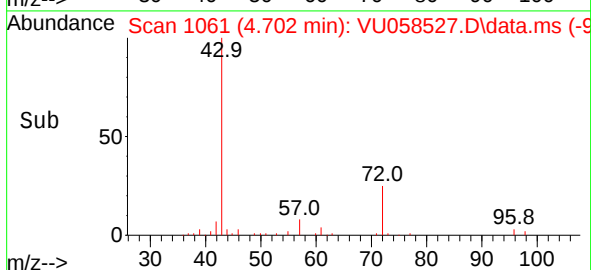
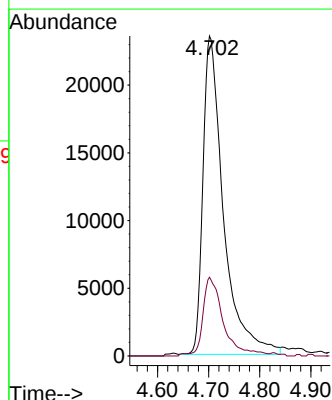
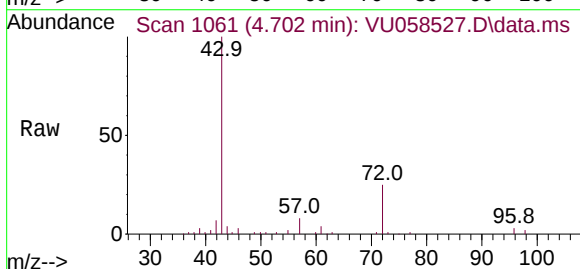
Acq: 09 Apr 2024 19:58

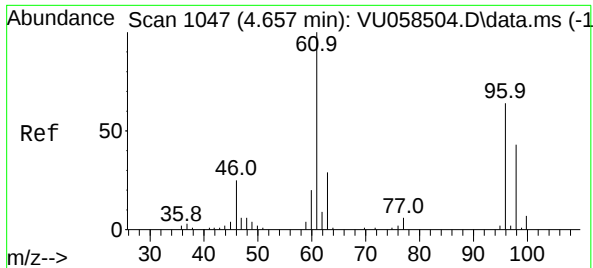
Tgt Ion: 43 Resp: 65546

Ion Ratio Lower Upper

43 100

72 22.0 11.7 35.0

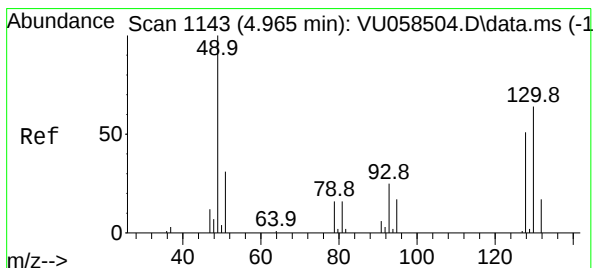
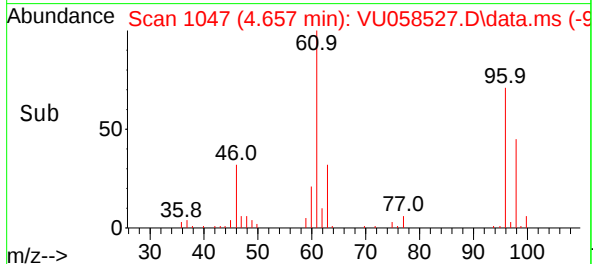
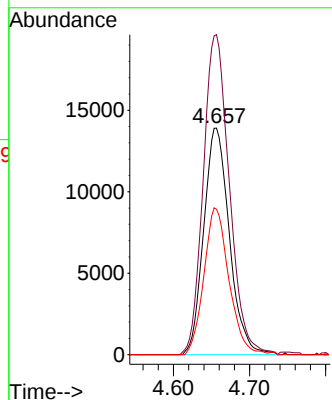
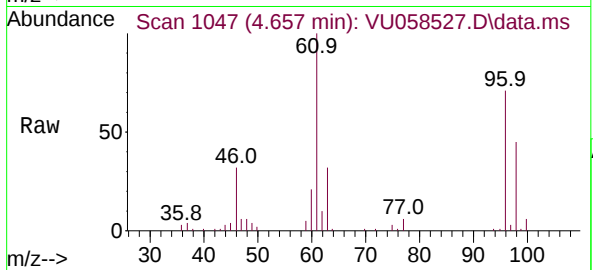




#22
cis-1,2-Dichloroethene
Concen: 5.440 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

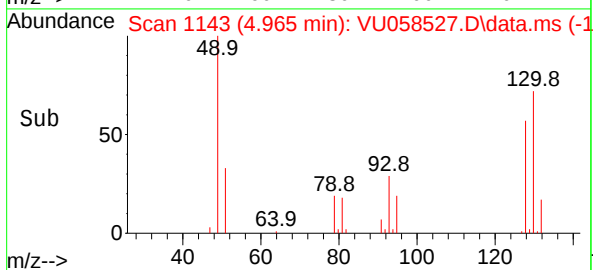
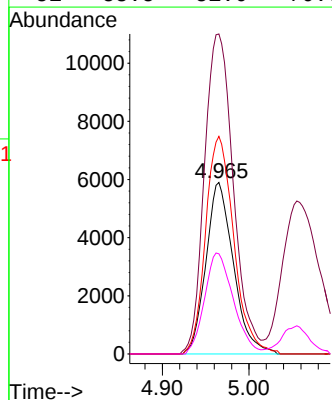
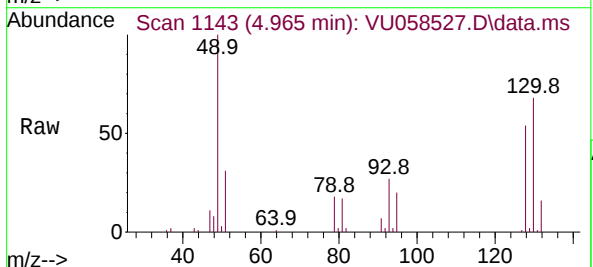
Instrument :
MSVOA_U
ClientSampleId :

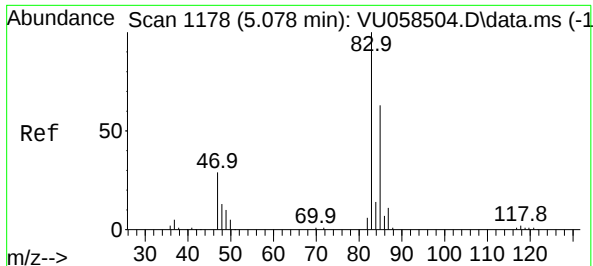
Tgt Ion: 96 Resp: 32640
Ion Ratio Lower Upper
96 100
61 141.3 98.1 182.3
98 64.2 43.6 81.0



#23
Bromochloromethane
Concen: 5.507 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 128 Resp: 13018
Ion Ratio Lower Upper
128 100
49 186.6 134.4 249.6
130 126.9 90.0 167.2
51 58.5 51.0 76.6





#25

Chloroform

Concen: 5.658 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

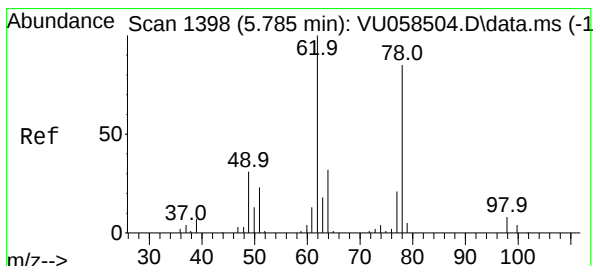
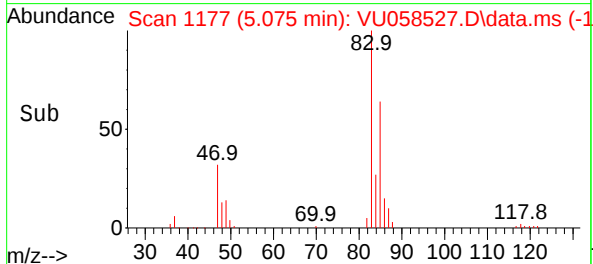
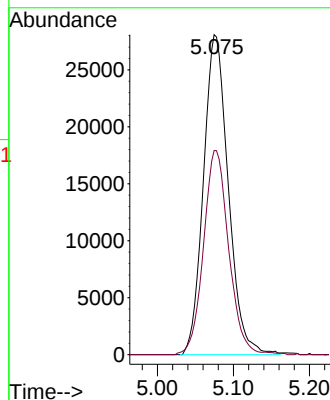
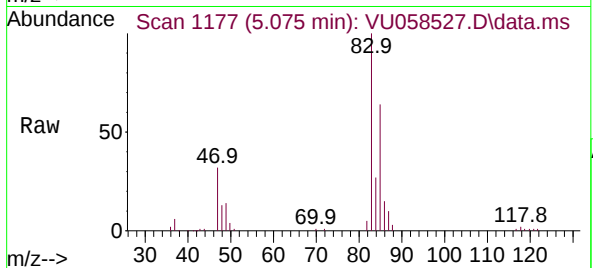
ClientSampleId :

Tgt Ion: 83 Resp: 63855

Ion Ratio Lower Upper

83 100

85 63.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.518 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058527.D

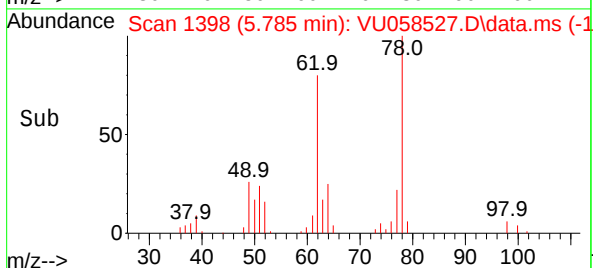
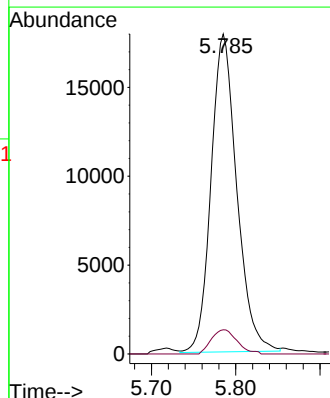
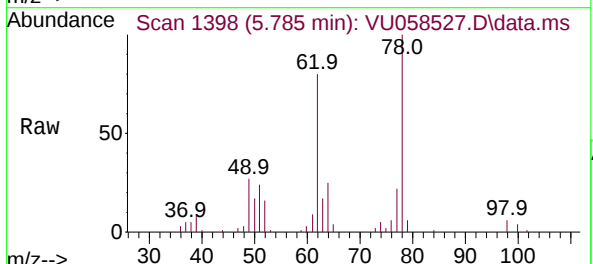
Acq: 09 Apr 2024 19:58

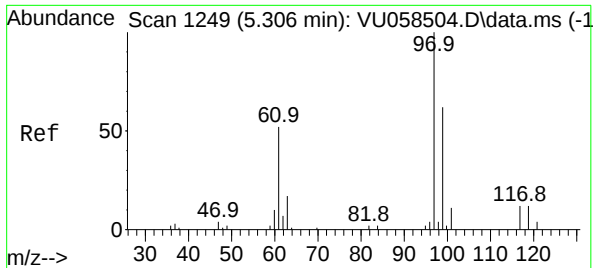
Tgt Ion: 62 Resp: 37927

Ion Ratio Lower Upper

62 100

98 7.6 7.0 10.4

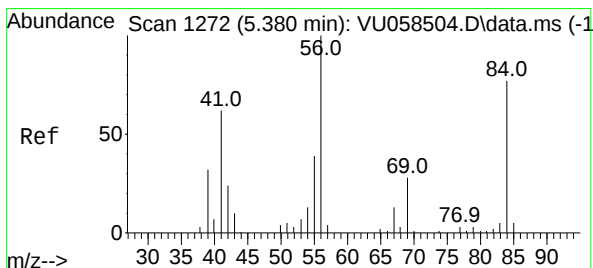
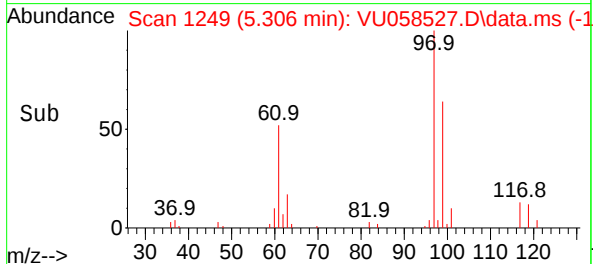
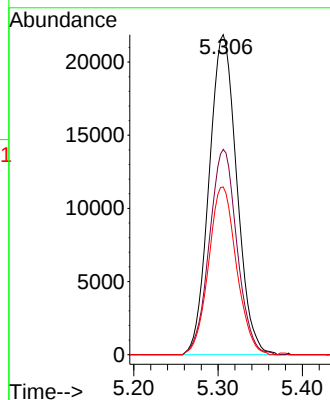
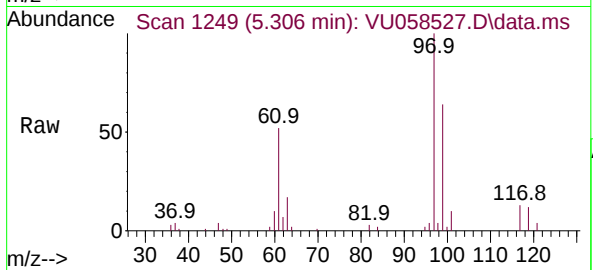




#29
1,1,1-Trichloroethane
Concen: 5.285 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

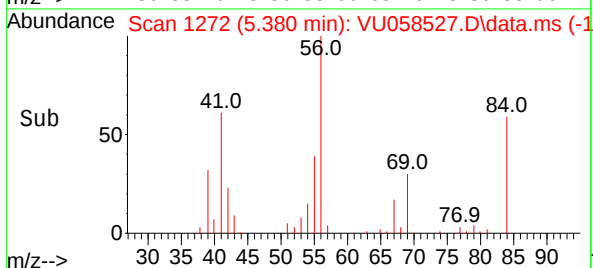
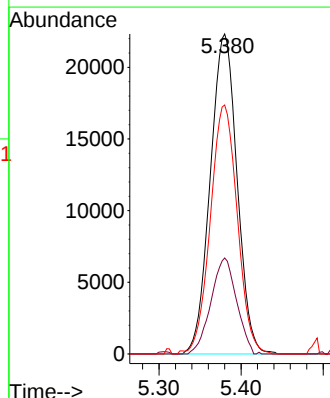
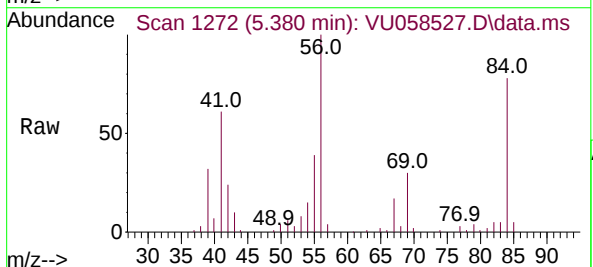
Instrument :
MSVOA_U
ClientSampleId :

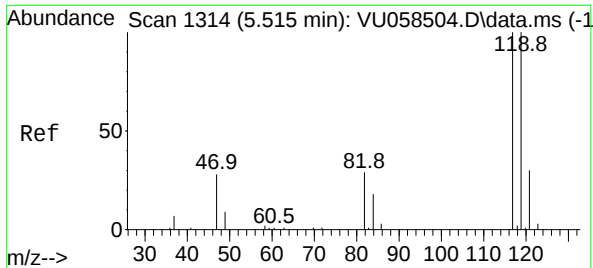
Tgt Ion:	97	Resp:	49843
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.4	75.6
61	52.8	39.4	59.0



#30
Cyclohexane
Concen: 5.095 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion:	56	Resp:	50754
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.2	34.8
84	78.2	63.3	94.9

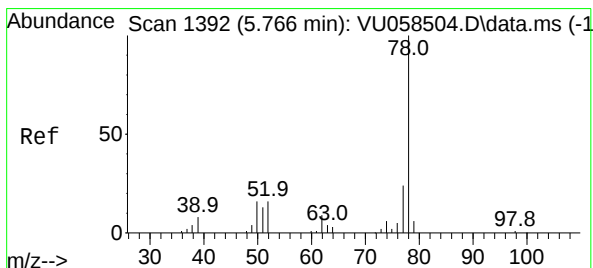
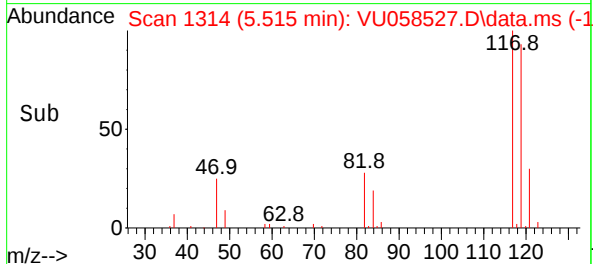
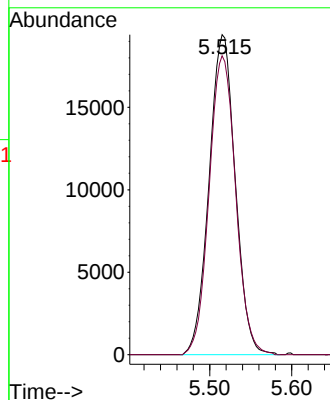
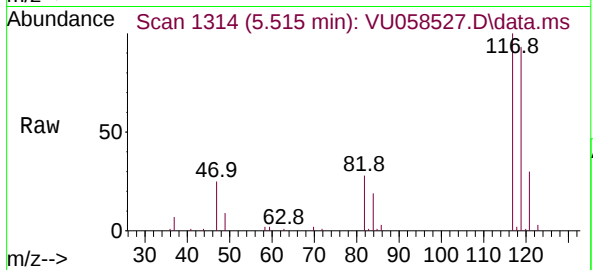




#31
Carbon tetrachloride
Concen: 5.392 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

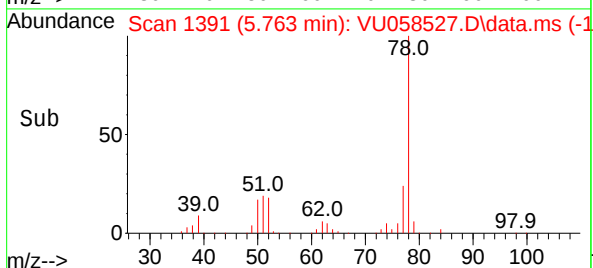
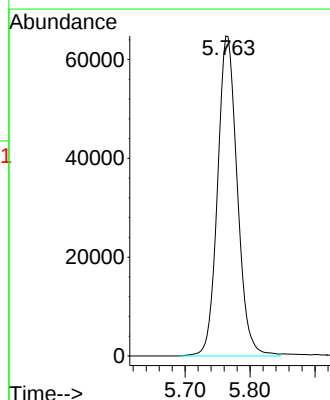
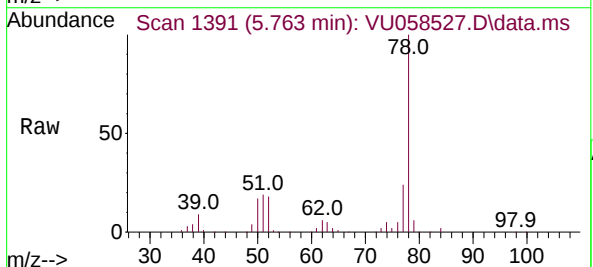
Instrument :
MSVOA_U
ClientSampleId :

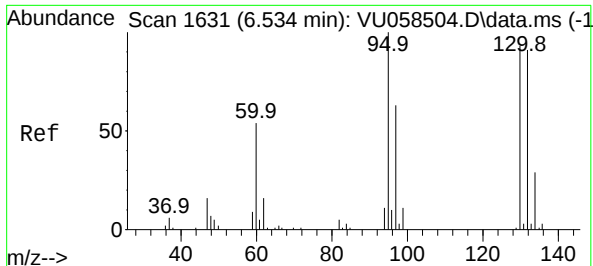
Tgt Ion:117 Resp: 43068
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1



#33
Benzene
Concen: 5.342 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 78 Resp: 136222

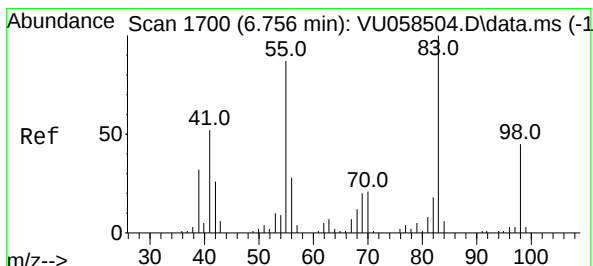
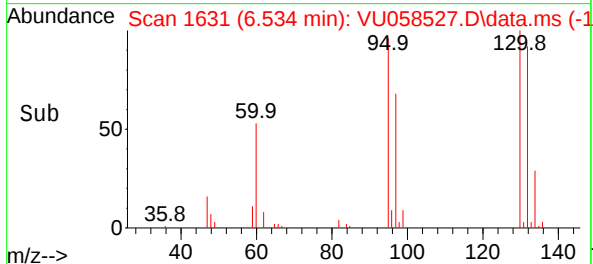
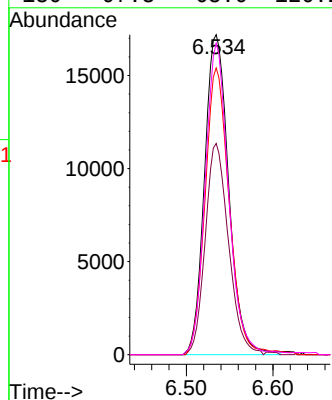
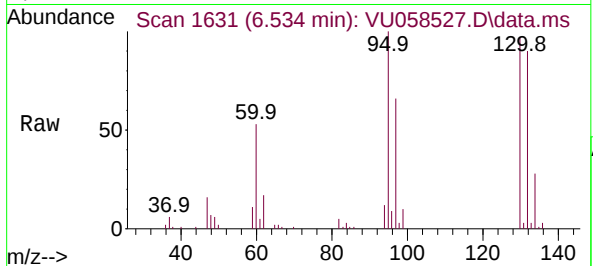




#34
Trichloroethene
Concen: 5.201 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

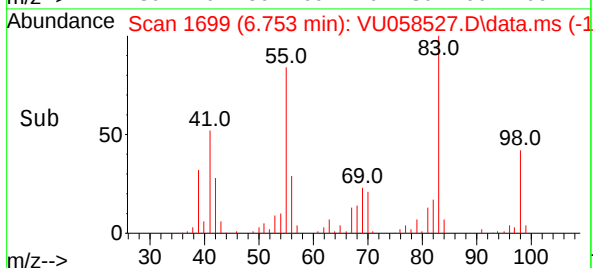
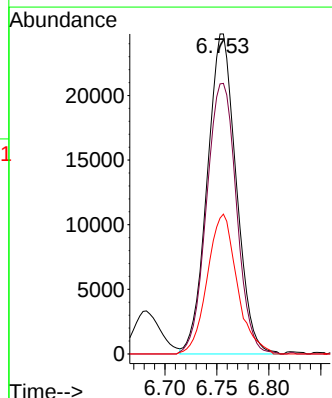
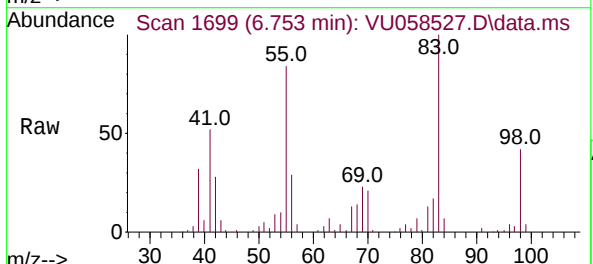
Instrument :
MSVOA_U
ClientSampleId :

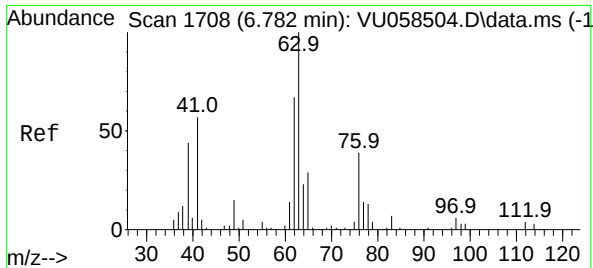
Tgt Ion: 95 Resp: 33429
Ion Ratio Lower Upper
95 100
97 66.0 45.6 84.6
132 89.6 64.8 120.3
130 97.3 68.0 126.2



#35
Methylcyclohexane
Concen: 4.964 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 83 Resp: 48079
Ion Ratio Lower Upper
83 100
55 87.1 66.2 99.4
98 44.8 34.6 52.0

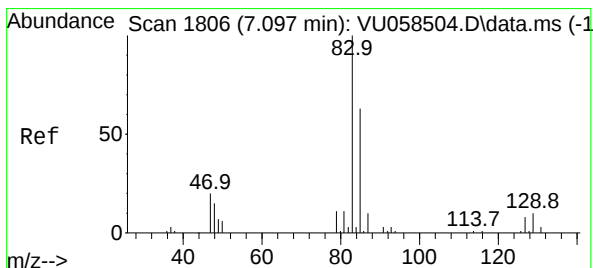
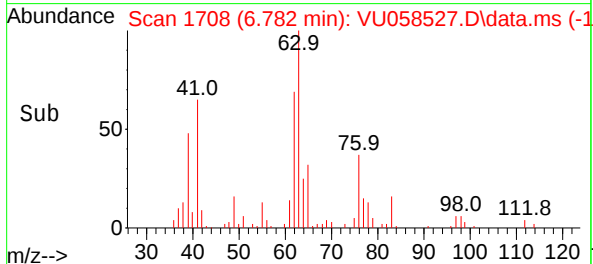
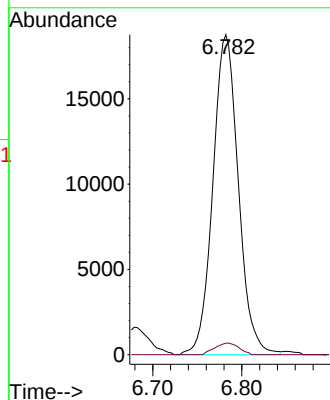
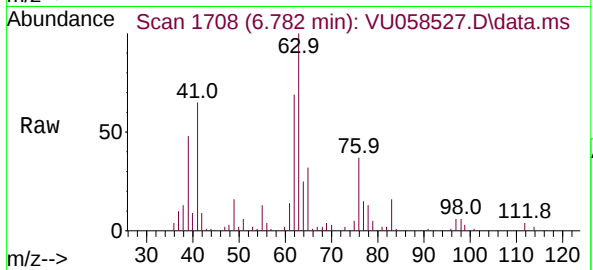




#37
1,2-Dichloropropane
Concen: 5.554 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

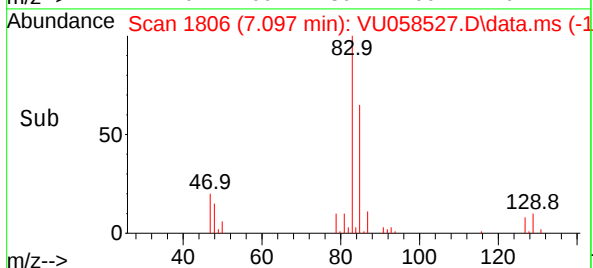
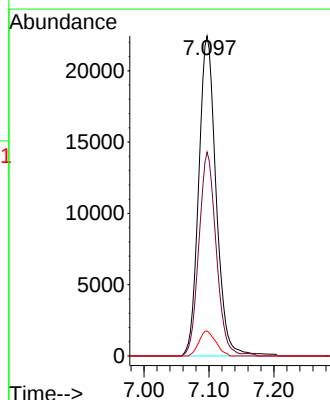
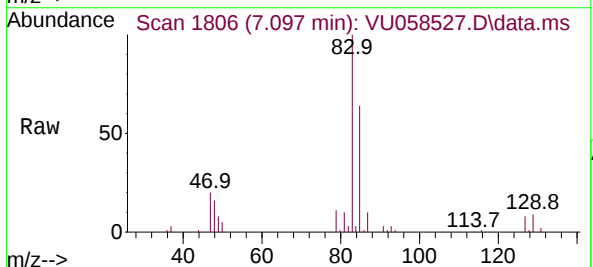
Instrument :
MSVOA_U
ClientSampleId :

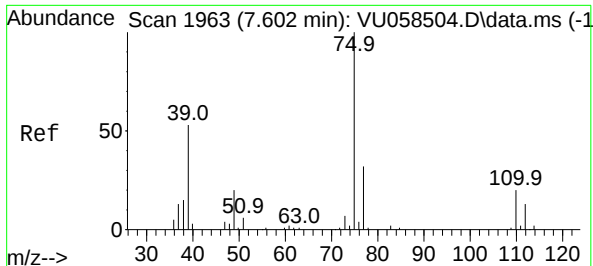
Tgt Ion: 63 Resp: 37266
Ion Ratio Lower Upper
63 100
112 3.4 2.6 4.0



#38
Bromodichloromethane
Concen: 5.471 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 83 Resp: 41896
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.2
127 7.8 6.5 9.7

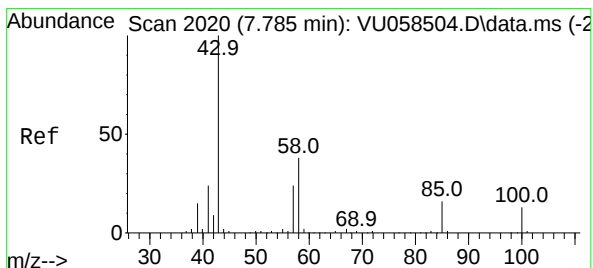
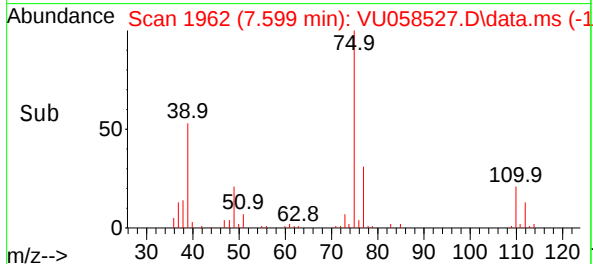
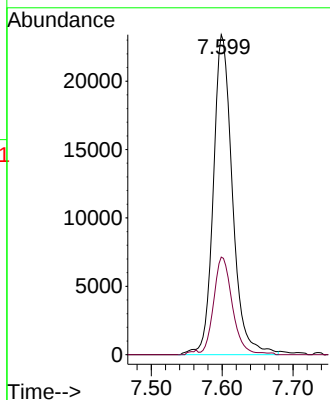
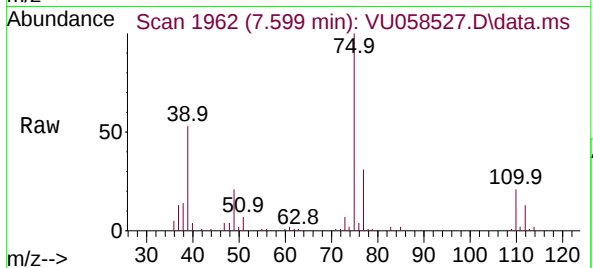




#39
 cis-1,3-Dichloropropene
 Concen: 5.143 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058527.D
 Acq: 09 Apr 2024 19:58

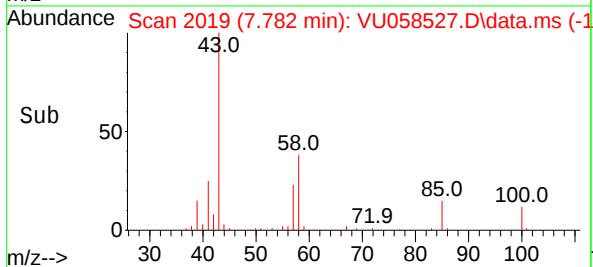
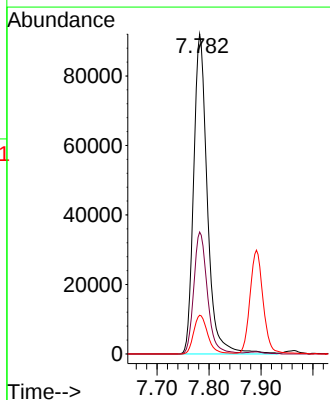
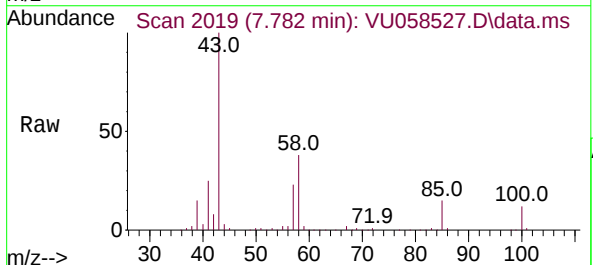
Instrument :
 MSVOA_U
 ClientSampleId :

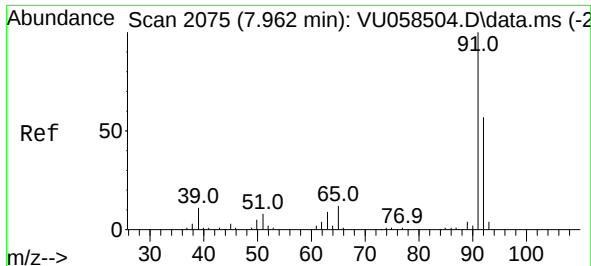
Tgt Ion: 75 Resp: 43877
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 53.528 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058527.D
 Acq: 09 Apr 2024 19:58

Tgt Ion: 43 Resp: 169040
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.4 45.6
 100 12.4 10.3 15.5





#42

Toluene

Concen: 5.264 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

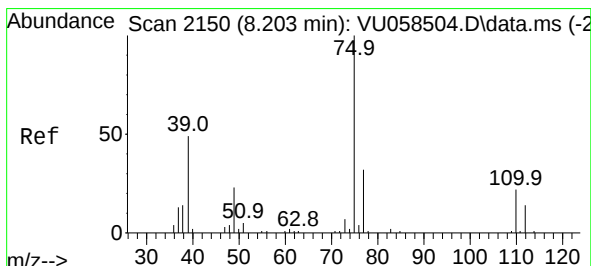
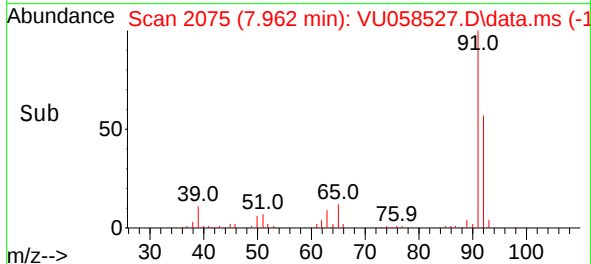
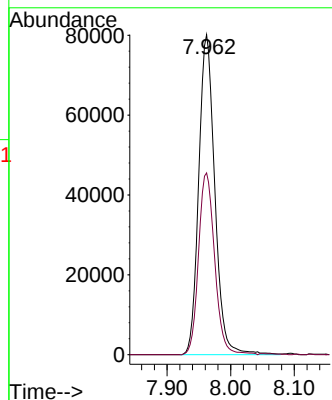
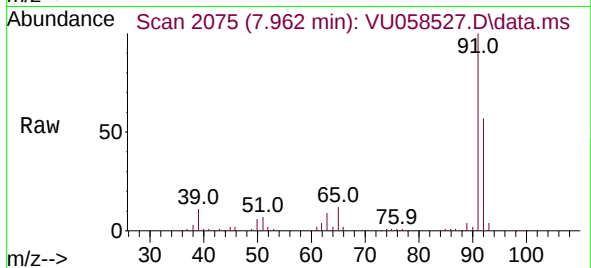
ClientSampleId :

Tgt Ion: 91 Resp: 140811

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.262 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058527.D

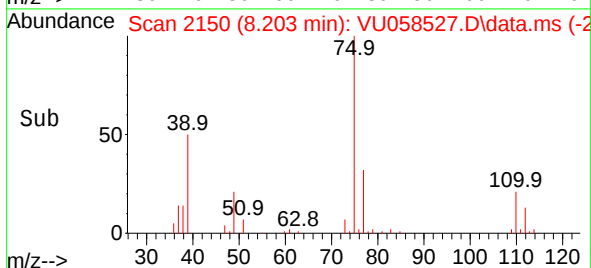
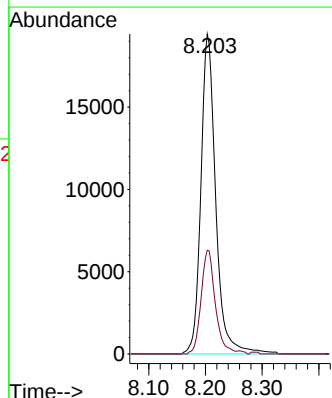
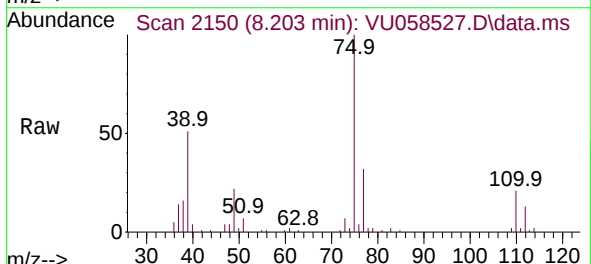
Acq: 09 Apr 2024 19:58

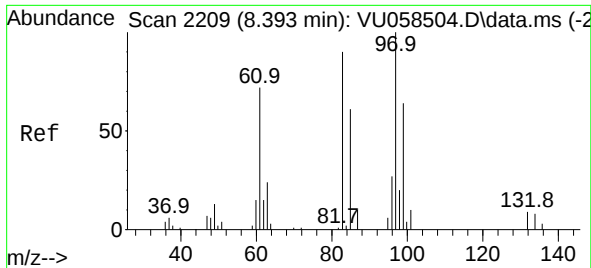
Tgt Ion: 75 Resp: 35402

Ion Ratio Lower Upper

75 100

77 32.4 22.2 41.2

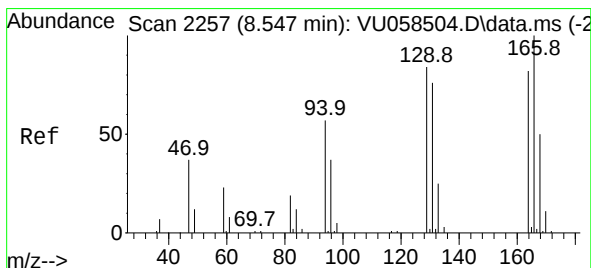
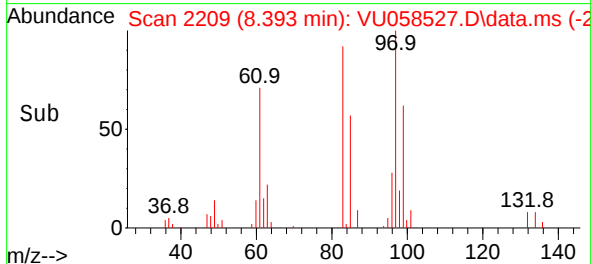
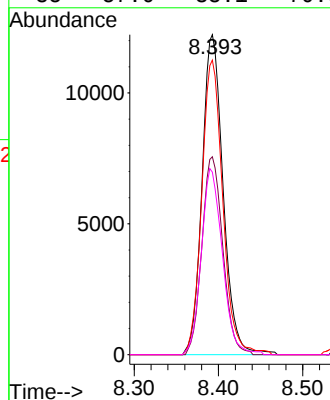
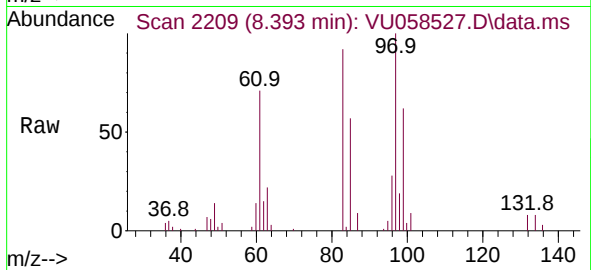




#45
1,1,2-Trichloroethane
Concen: 5.429 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

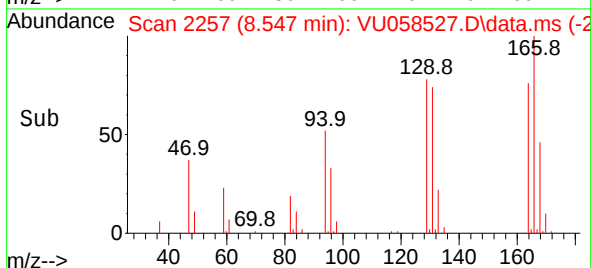
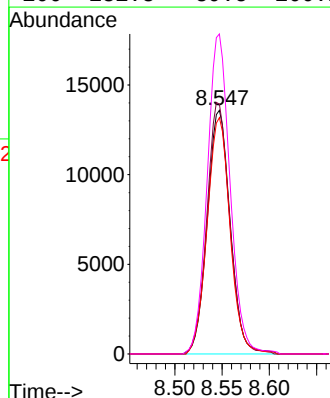
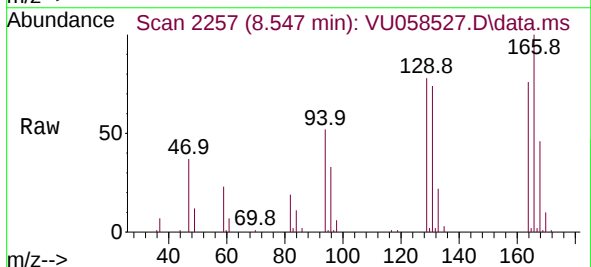
Instrument :
MSVOA_U
ClientSampleId :

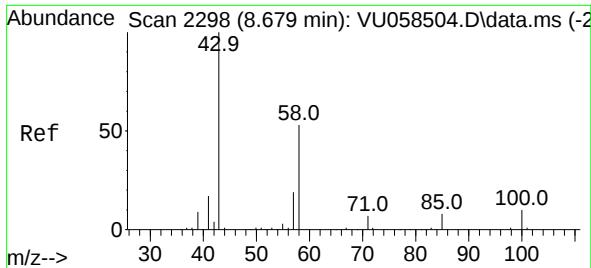
Tgt Ion:	97	Resp:	21273
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.7	81.1
83	92.0	64.5	119.7
85	57.0	38.1	70.9



#47
Tetrachloroethene
Concen: 4.887 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

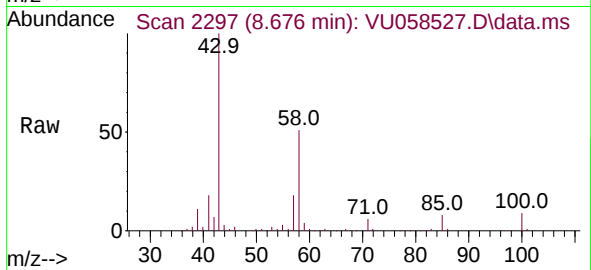
Tgt Ion:	164	Resp:	23027
Ion	Ratio	Lower	Upper
164	100		
129	102.6	67.3	125.1
131	96.9	65.5	121.6
166	131.3	89.5	166.1



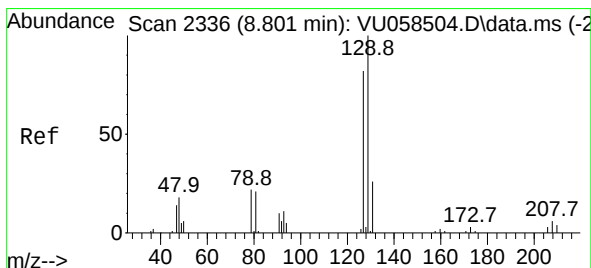
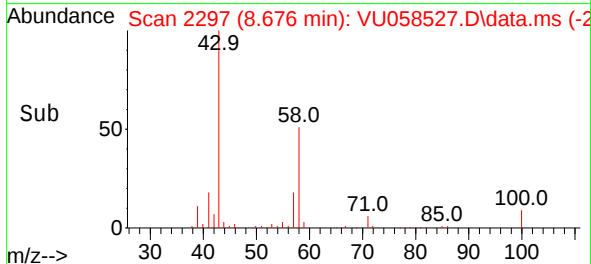
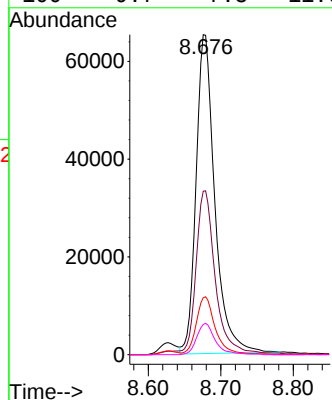


#48
2-Hexanone
Concen: 52.330 ug/L
RT: 8.676 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Instrument :
MSVOA_U
ClientSampleId :

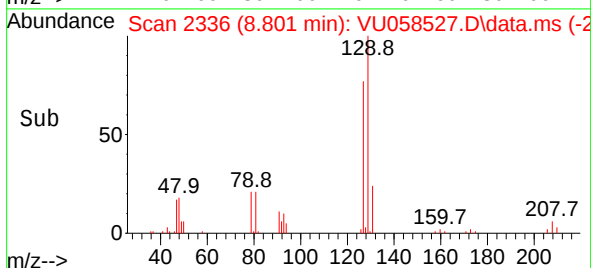
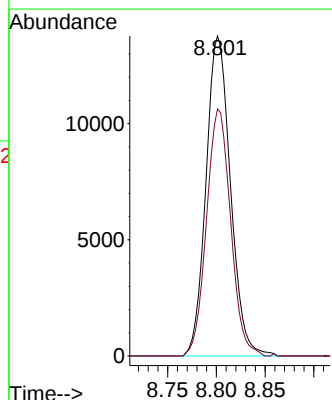
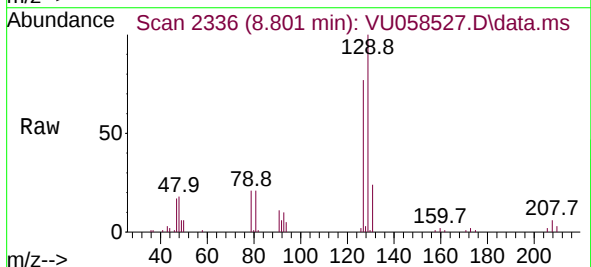


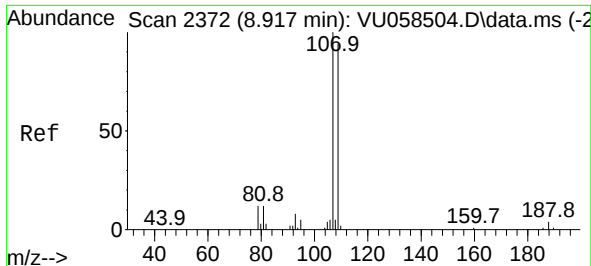
Tgt Ion: 43 Resp: 117319
Ion Ratio Lower Upper
43 100
58 54.2 43.2 64.8
57 18.6 15.4 23.0
100 9.7 7.8 11.6



#49
Dibromochloromethane
Concen: 5.317 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion: 129 Resp: 24086
Ion Ratio Lower Upper
129 100
127 77.2 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.246 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

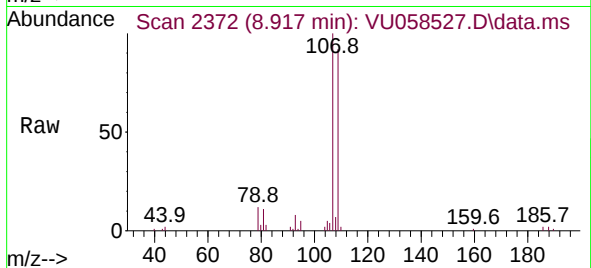
Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

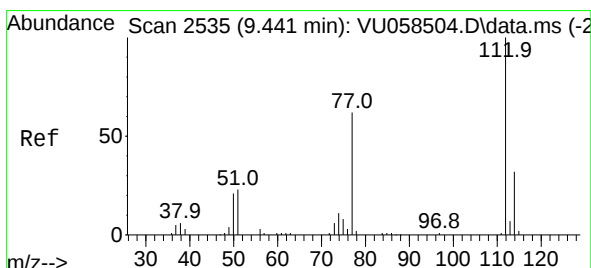
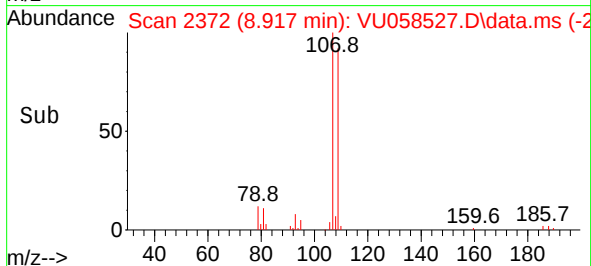
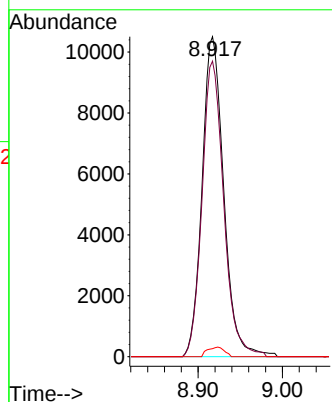
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	18799
Ion	Ratio	Lower	Upper
107	100		
109	92.3	67.3	124.9
188	2.5	2.5	3.7



#51

Chlorobenzene

Concen: 5.159 ug/L

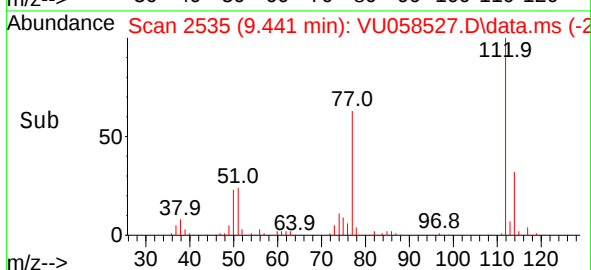
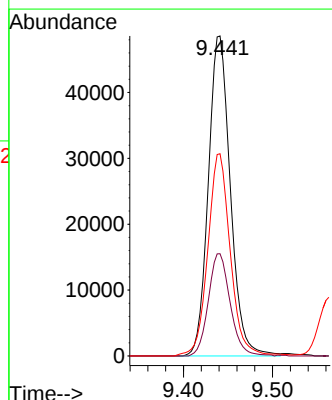
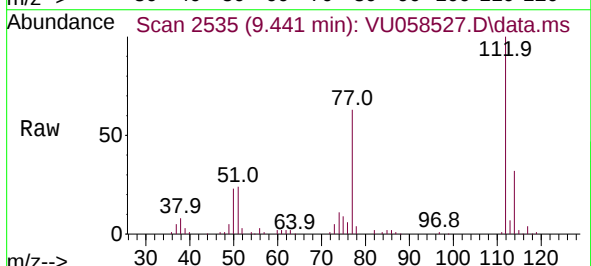
RT: 9.441 min Scan# 2535

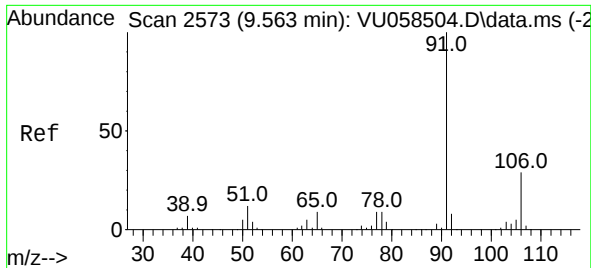
Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Tgt Ion:	112	Resp:	83490
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	63.2	50.1	75.1

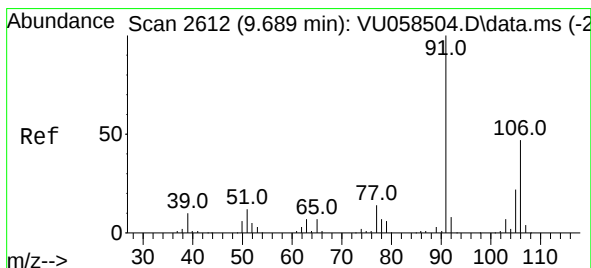
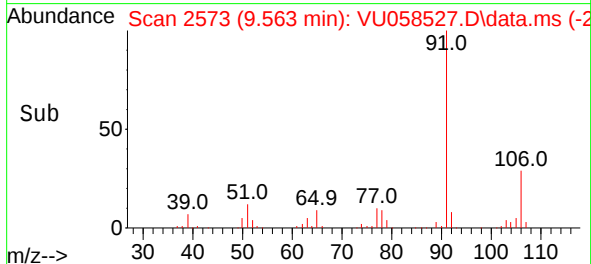
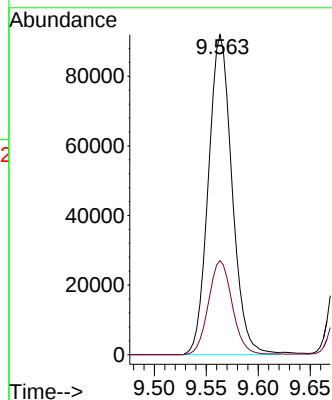
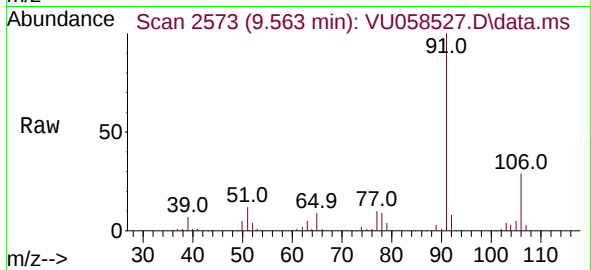




#52
Ethylbenzene
Concen: 5.143 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

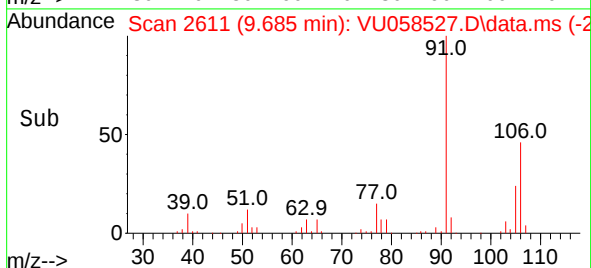
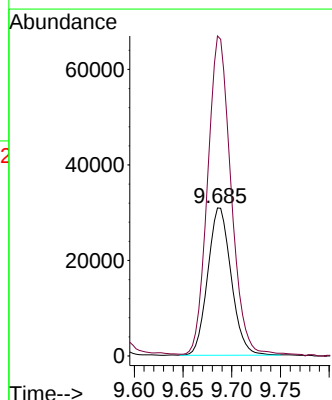
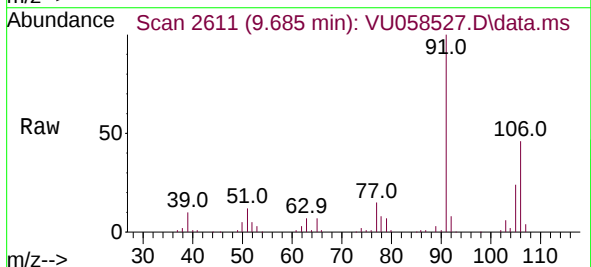
Instrument :
MSVOA_U
ClientSampleId :

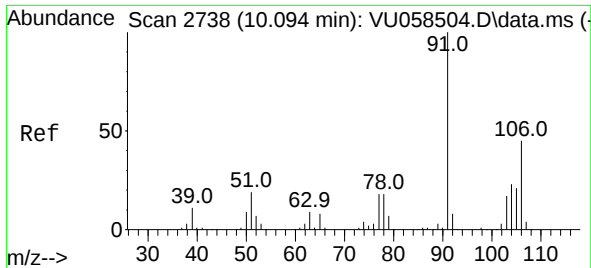
Tgt Ion: 91 Resp: 145750
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.4



#53
m,p-Xylene
Concen: 5.084 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion:106 Resp: 51583
Ion Ratio Lower Upper
106 100
91 216.1 147.8 274.4

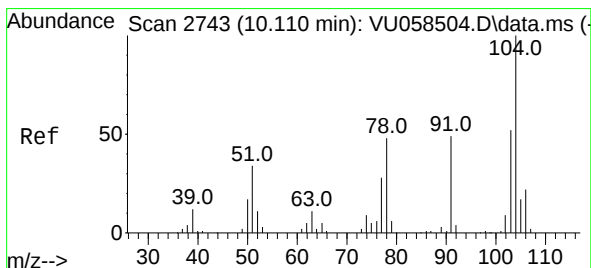
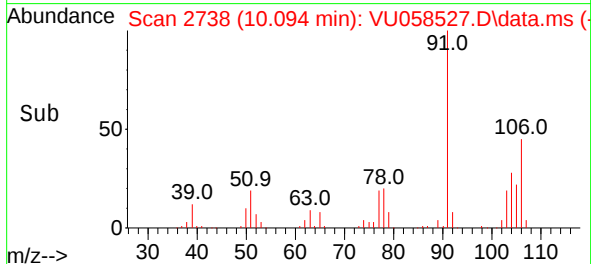
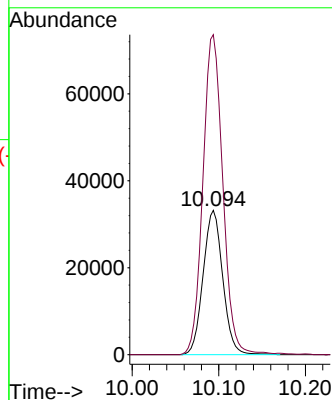
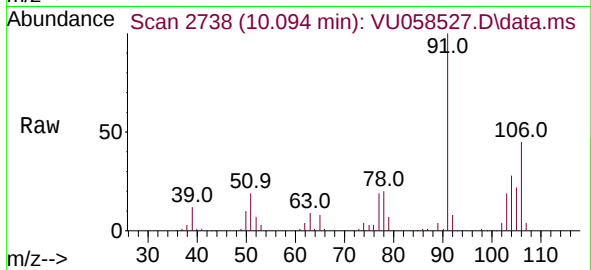




#54
o-Xylene
Concen: 5.257 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

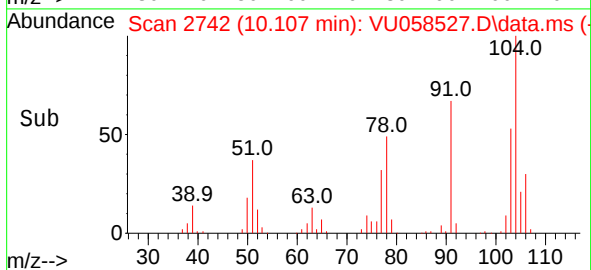
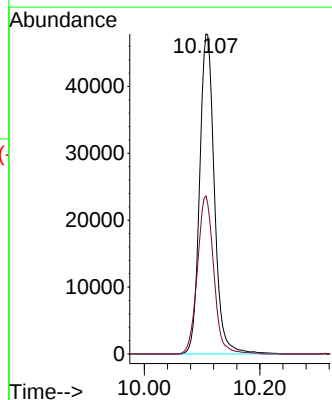
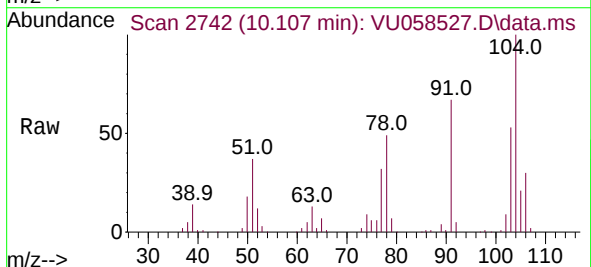
Instrument :
MSVOA_U
ClientSampleId :

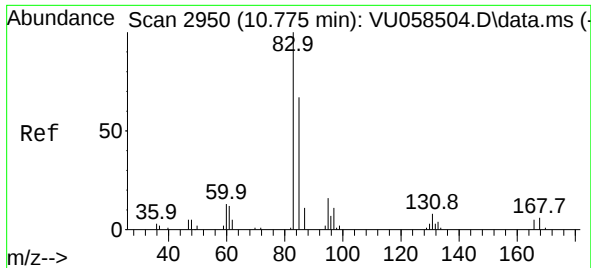
Tgt Ion:106 Resp: 52300
Ion Ratio Lower Upper
106 100
91 221.8 156.9 291.5



#55
Styrene
Concen: 5.313 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion:104 Resp: 85037
Ion Ratio Lower Upper
104 100
78 49.4 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.311 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :

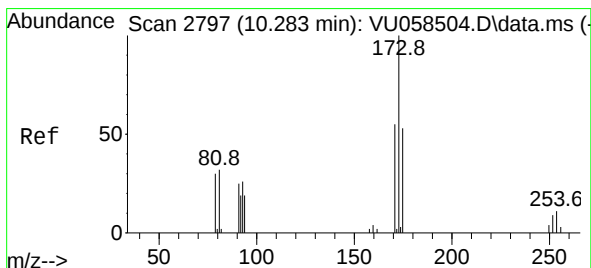
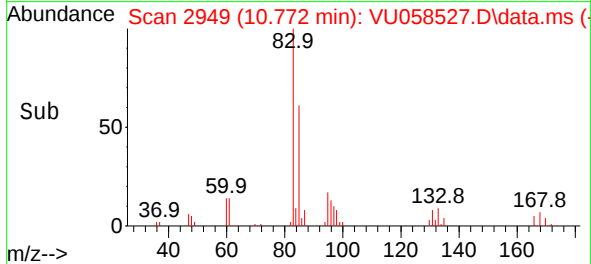
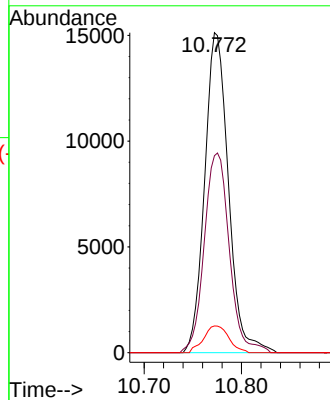
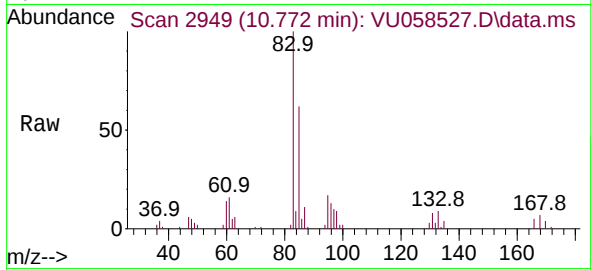
Tgt Ion: 83 Resp: 25672

Ion Ratio Lower Upper

83 100

85 61.6 45.1 83.7

131 8.4 6.9 10.3



#59

Bromoform

Concen: 5.224 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

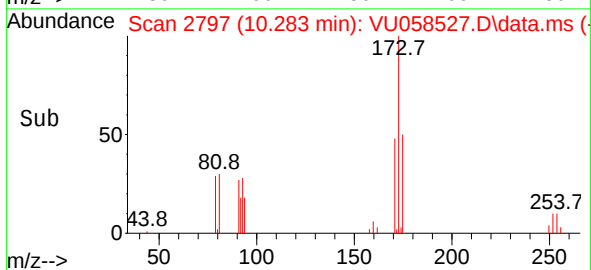
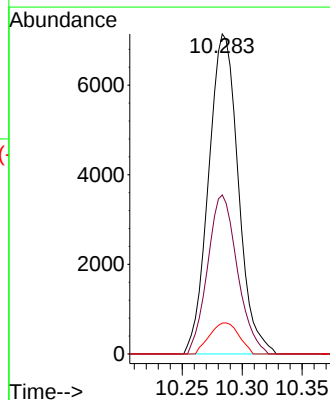
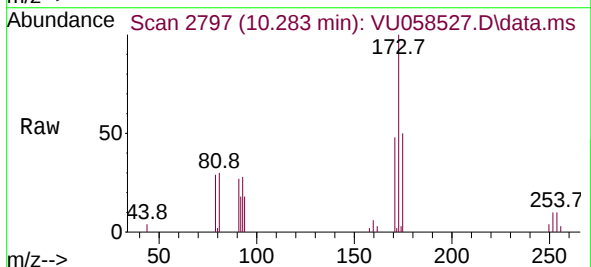
Tgt Ion:173 Resp: 12291

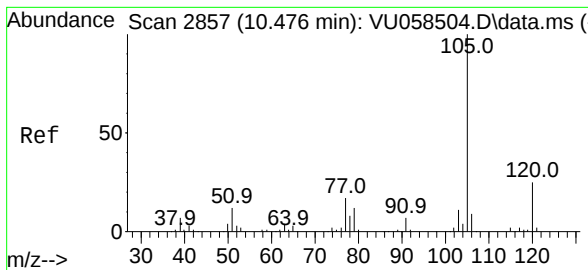
Ion Ratio Lower Upper

173 100

175 49.7 38.0 57.0

254 9.6 7.5 11.3





#60

Isopropylbenzene

Concen: 5.102 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :

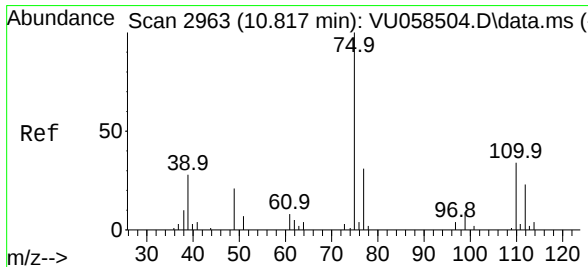
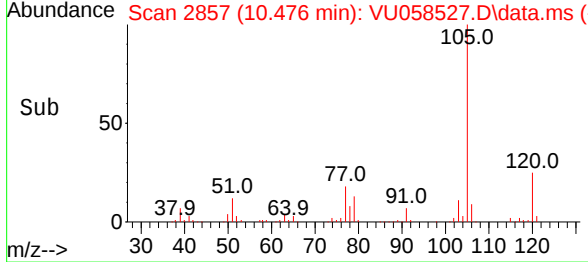
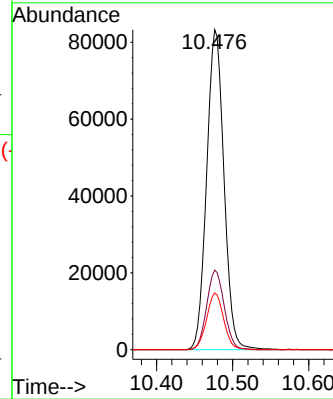
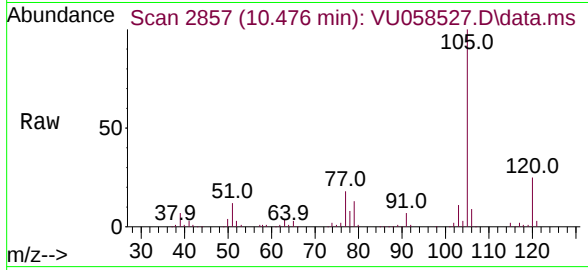
Tgt Ion:105 Resp: 131529

Ion Ratio Lower Upper

105 100

120 25.1 20.2 30.4

77 17.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 5.102 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

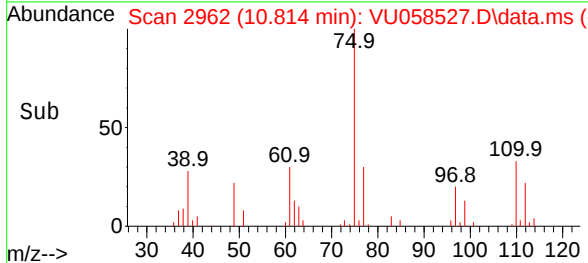
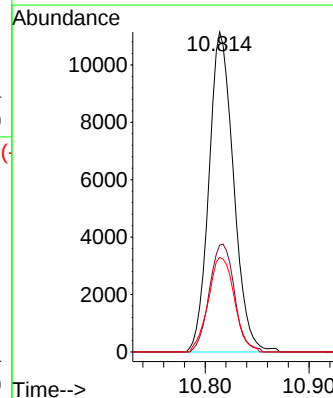
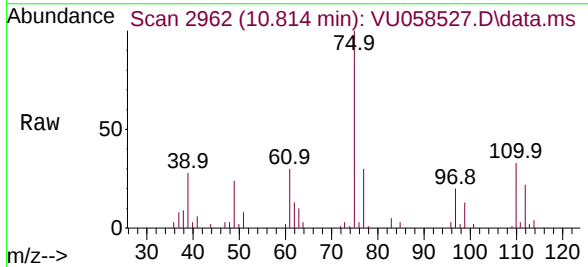
Tgt Ion: 75 Resp: 18331

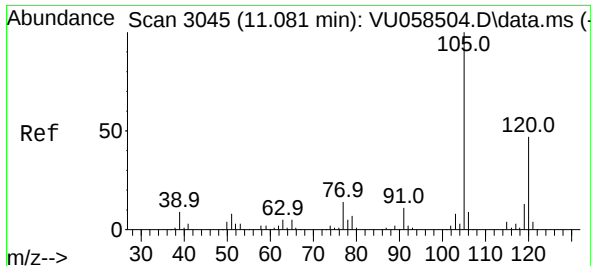
Ion Ratio Lower Upper

75 100

110 34.2 25.8 38.6

77 31.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.082 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

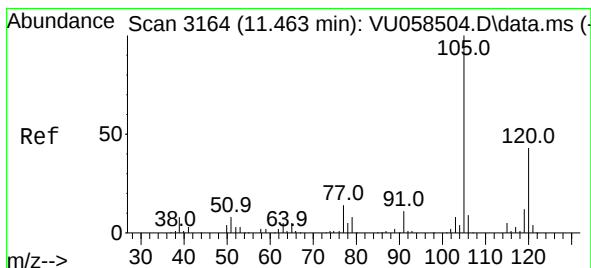
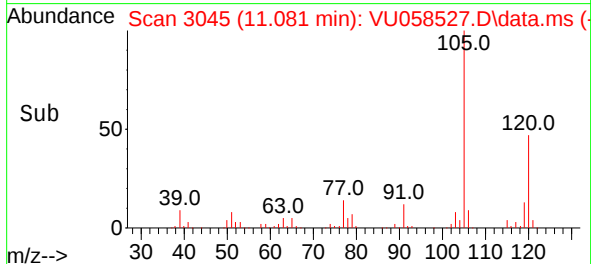
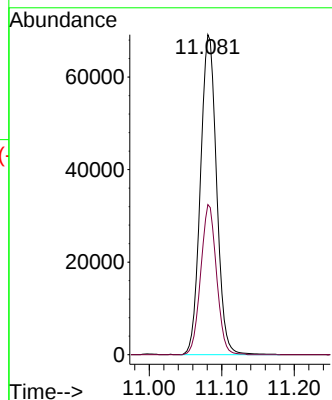
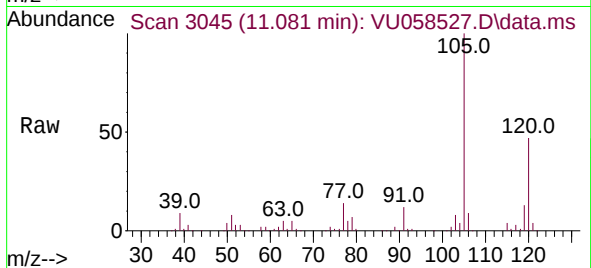
ClientSampleId :

Tgt Ion:105 Resp: 106837

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.035 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058527.D

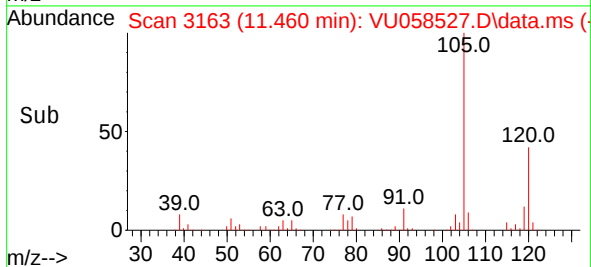
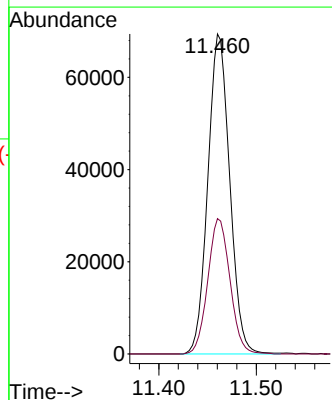
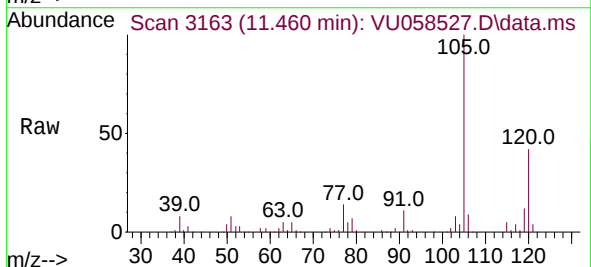
Acq: 09 Apr 2024 19:58

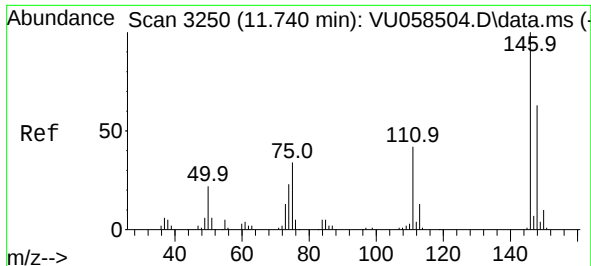
Tgt Ion:105 Resp: 108084

Ion Ratio Lower Upper

105 100

120 42.9 34.7 52.1

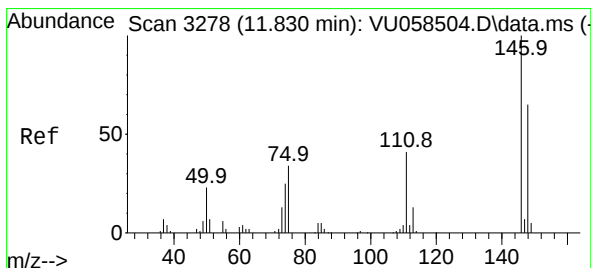
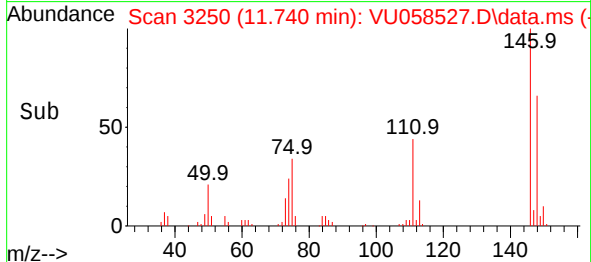
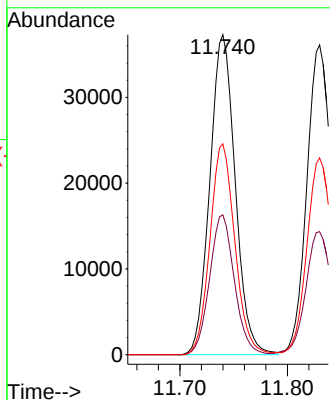
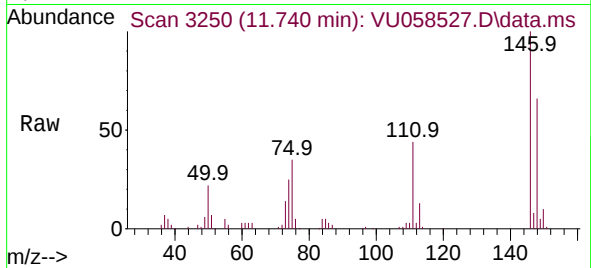




#64
1,3-Dichlorobenzene
Concen: 4.884 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

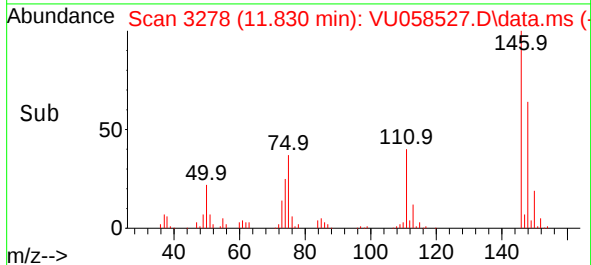
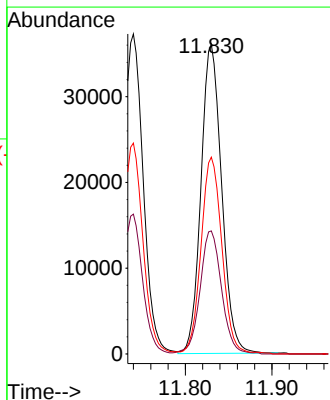
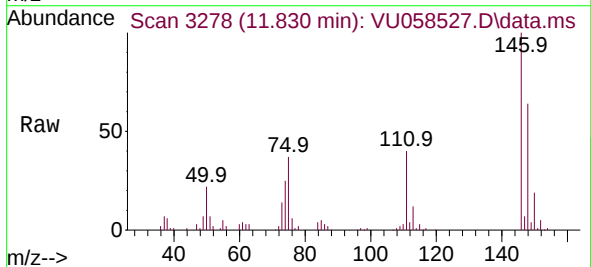
Instrument :
MSVOA_U
ClientSampleId :

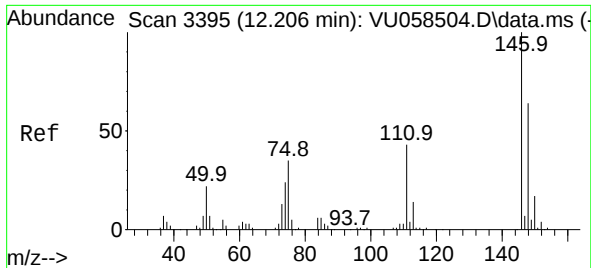
Tgt Ion:146 Resp: 61167
Ion Ratio Lower Upper
146 100
111 43.7 28.8 53.4
148 65.9 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.909 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058527.D
Acq: 09 Apr 2024 19:58

Tgt Ion:146 Resp: 59897
Ion Ratio Lower Upper
146 100
111 39.7 28.8 53.6
148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.907 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

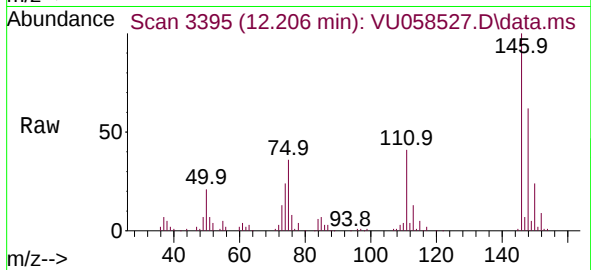
Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :



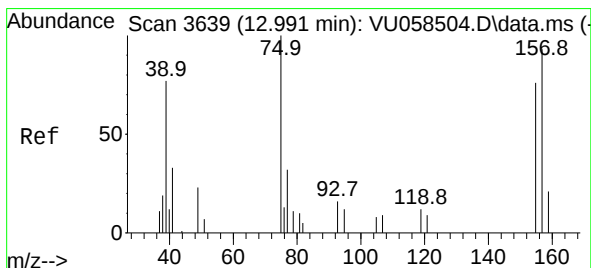
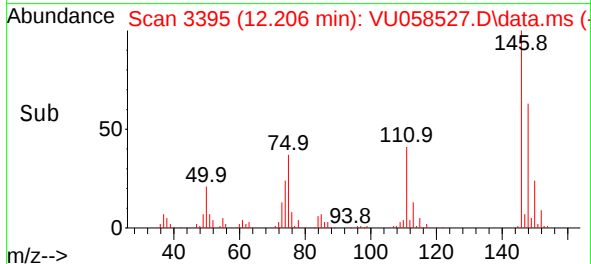
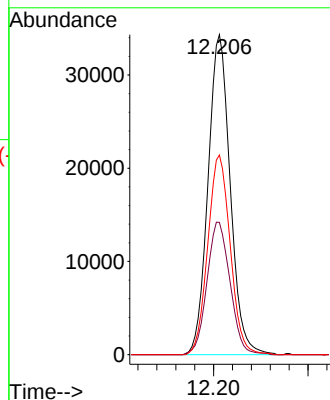
Tgt Ion:146 Resp: 55899

Ion Ratio Lower Upper

146 100

111 41.3 35.0 52.4

148 62.4 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.678 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

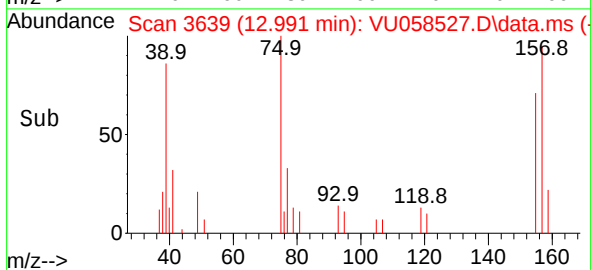
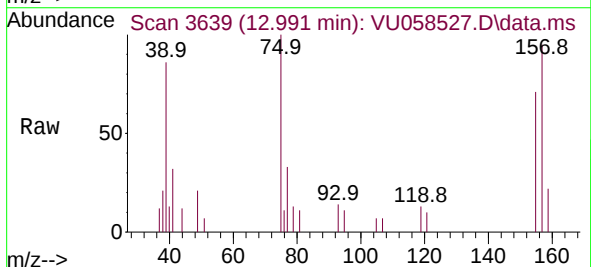
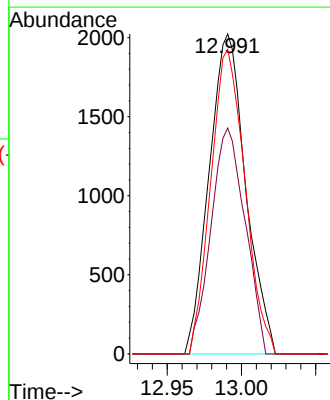
Tgt Ion: 75 Resp: 3460

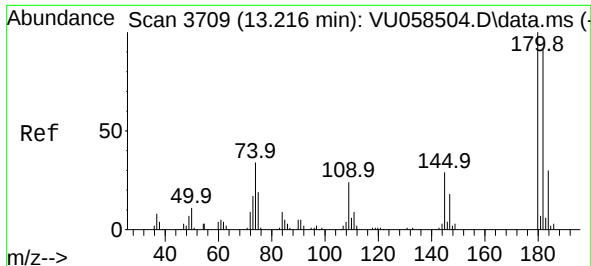
Ion Ratio Lower Upper

75 100

155 70.6 61.4 92.0

157 95.2 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.596 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

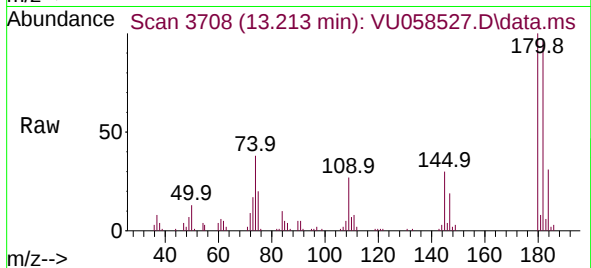
Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 42560

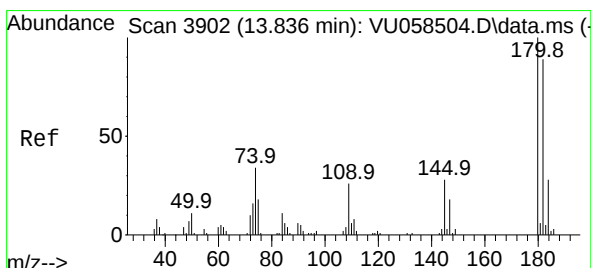
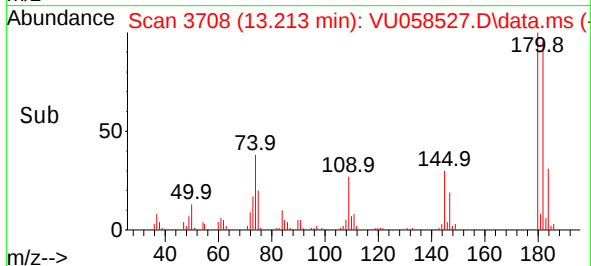
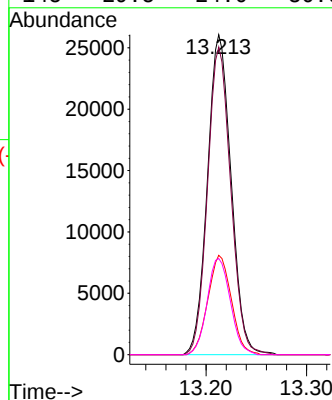
Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

184 30.9 24.3 36.5

145 29.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.143 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

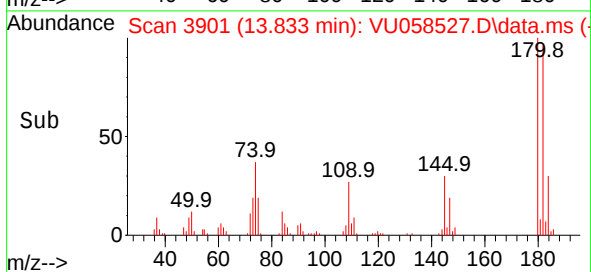
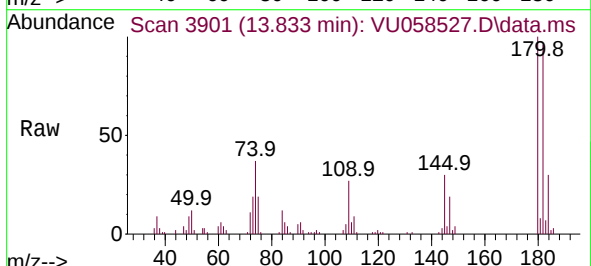
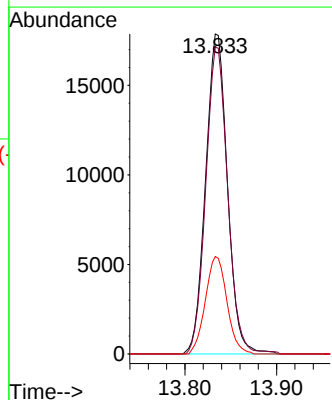
Tgt Ion:180 Resp: 29587

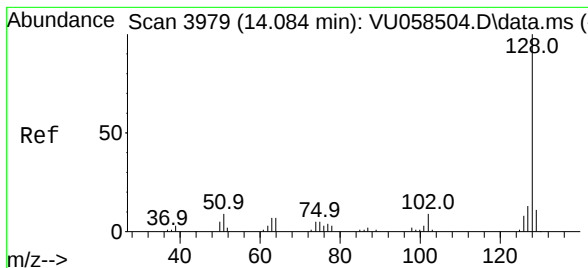
Ion Ratio Lower Upper

180 100

182 96.1 74.4 111.6

145 30.0 24.1 36.1





#71

Naphthalene

Concen: 3.417 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Instrument :

MSVOA_U

ClientSampleId :

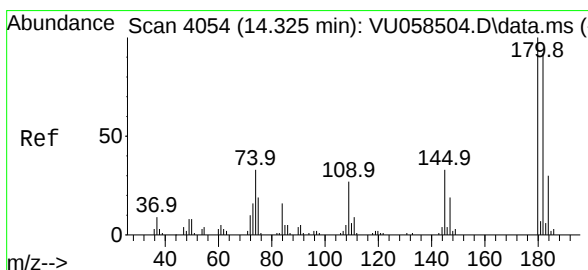
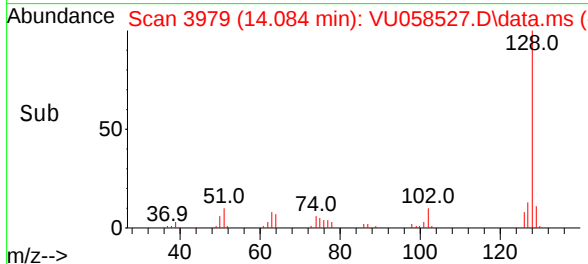
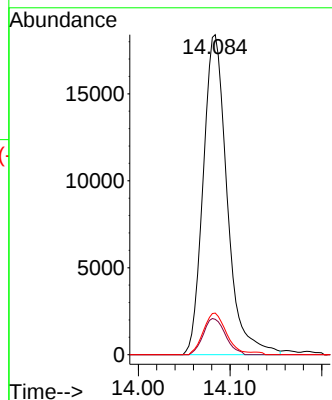
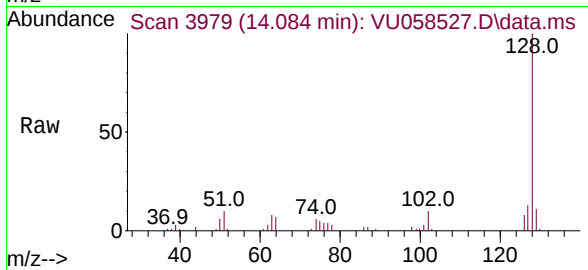
Tgt Ion:128 Resp: 33441

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

127 12.8 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.072 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU058527.D

Acq: 09 Apr 2024 19:58

Tgt Ion:180 Resp: 24012

Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

145 32.8 25.2 37.8

