

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058545.D
 Acq On : 10 Apr 2024 03:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 04:42:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23347	5.228	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.907	69	19221	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.557	65	10099	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.627	46	42828	45.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.020%
24) Chloroform-d	5.052	84	44745	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.692	65	20298	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.717	84	85671	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	26505	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	76898	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.174	79	7996	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.627	63	31061	44.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16510	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	23182	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	29124	5.180	ug/L	98
3) Chloromethane	1.512	50	37911	5.510	ug/L	98
5) Vinyl chloride	1.595	62	38231	5.563	ug/L	100
6) Bromomethane	1.849	94	17672	5.436	ug/L	99
8) Chloroethane	1.927	64	24976	5.753	ug/L	100
9) Trichlorofluoromethane	2.132	101	51030	5.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29292	5.432	ug/L	98
12) 1,1-Dichloroethene	2.573	96	25824	5.402	ug/L	93
13) Acetone	2.640	43	41287	51.398	ug/L	99
14) Carbon disulfide	2.785	76	80665	5.312	ug/L	99
15) Methyl Acetate	2.949	43	11174	5.895	ug/L	96
16) Methylene chloride	3.036	84	34185	5.388	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	61790	5.472	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	28183	5.625	ug/L	95
19) 1,1-Dichloroethane	3.856	63	63429	5.800	ug/L	99
21) 2-Butanone	4.705	43	65507	54.560	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	31883	5.667	ug/L	96
23) Bromochloromethane	4.965	128	12662	5.712	ug/L	95
25) Chloroform	5.078	83	61777	5.837	ug/L	100

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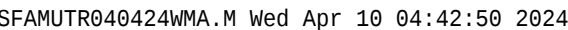
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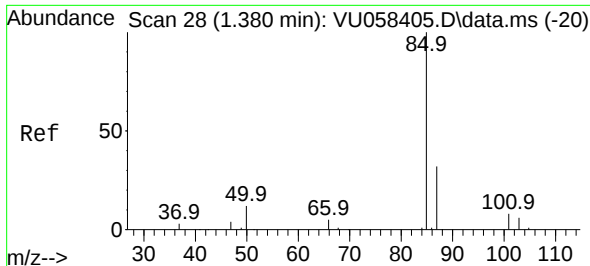
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36790	5.708	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	50043	5.823	ug/L	98
30) Cyclohexane	5.380	56	49330	5.435	ug/L	98
31) Carbon tetrachloride	5.515	117	42027	5.774	ug/L	99
33) Benzene	5.766	78	135366	5.825	ug/L	100
34) Trichloroethene	6.534	95	33489	5.718	ug/L	94
35) Methylcyclohexane	6.756	83	47083	5.335	ug/L	98
37) 1,2-Dichloropropane	6.782	63	36882	6.033	ug/L	100
38) Bromodichloromethane	7.097	83	41642	5.968	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	42565	5.475	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	166420	57.833	ug/L	98
42) Toluene	7.962	91	137835	5.655	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	34491	5.626	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	21004	5.883	ug/L	96
47) Tetrachloroethene	8.547	164	23081	5.375	ug/L	97
48) 2-Hexanone	8.679	43	115771	56.671	ug/L	98
49) Dibromochloromethane	8.801	129	23600	5.717	ug/L	100
50) 1,2-Dibromoethane	8.917	107	18450	5.650	ug/L	96
51) Chlorobenzene	9.441	112	81873	5.552	ug/L	99
52) Ethylbenzene	9.563	91	144843	5.609	ug/L	99
53) m,p-Xylene	9.688	106	52862	5.717	ug/L	99
54) o-Xylene	10.094	106	51283	5.657	ug/L	99
55) Styrene	10.110	104	85373	5.854	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	25500	5.790	ug/L	98
59) Bromoform	10.283	173	11869	5.423	ug/L	98
60) Isopropylbenzene	10.476	105	131145	5.469	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	18796	5.624	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	104266	5.332	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	106651	5.341	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	61339	5.266	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	59497	5.243	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	55501	5.238	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	3457	6.099	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	42962	4.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29779	4.483	ug/L	97
71) Naphthalene	14.080	128	33094	3.636	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	24707	4.504	ug/L	97

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

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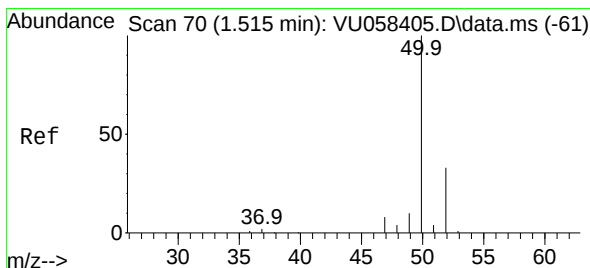
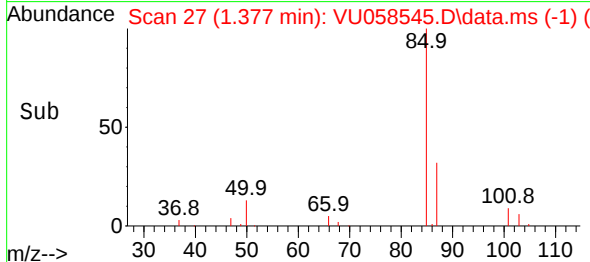
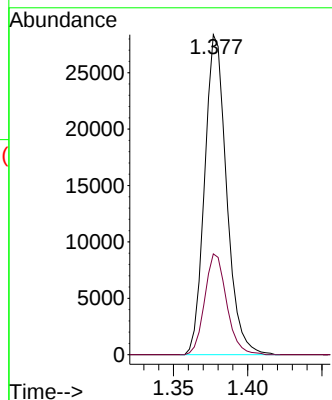
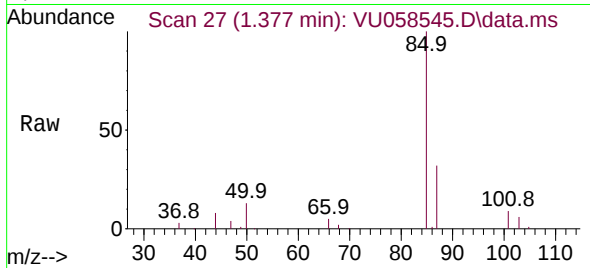




#2
Dichlorodifluoromethane
Concen: 5.180 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

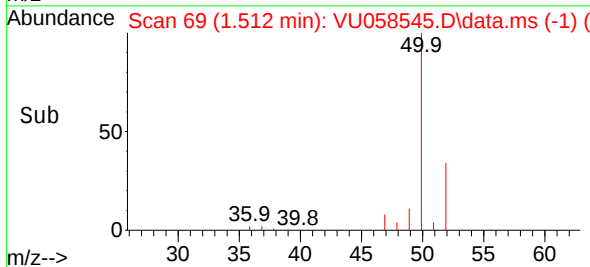
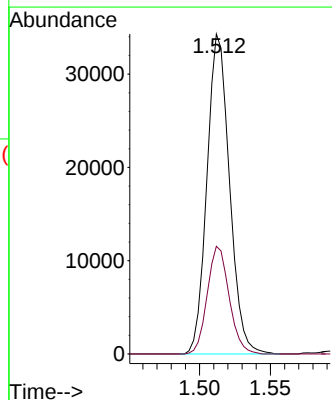
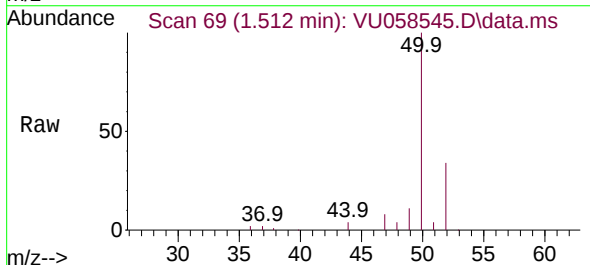
Instrument :
MSVOA_U
ClientSampleId :

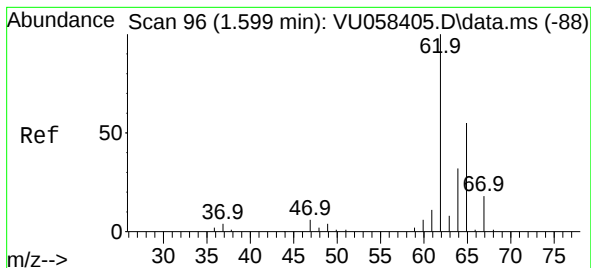
Tgt Ion: 85 Resp: 29124
Ion Ratio Lower Upper
85 100
87 31.4 25.9 38.9



#3
Chloromethane
Concen: 5.510 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion: 50 Resp: 37911
Ion Ratio Lower Upper
50 100
52 33.6 22.6 42.0





#5

Vinyl chloride

Concen: 5.563 ug/L

RT: 1.595 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

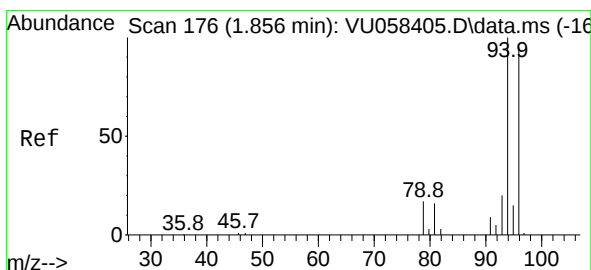
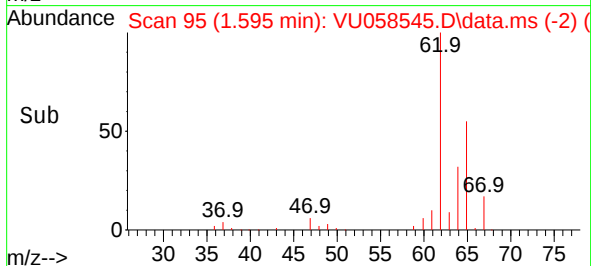
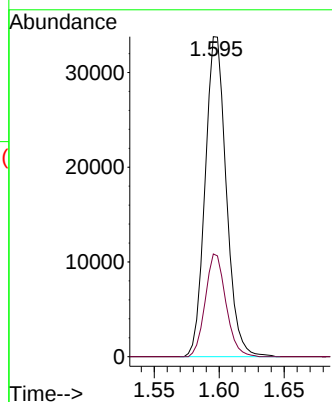
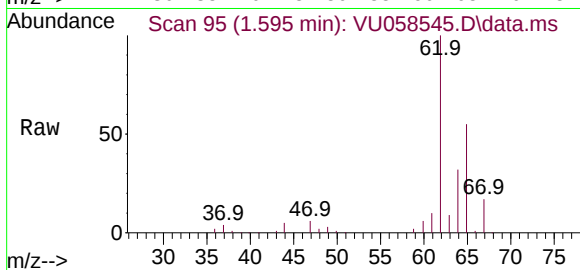
ClientSampleId :

Tgt Ion: 62 Resp: 38231

Ion Ratio Lower Upper

62 100

64 32.1 22.6 42.0



#6

Bromomethane

Concen: 5.436 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU058545.D

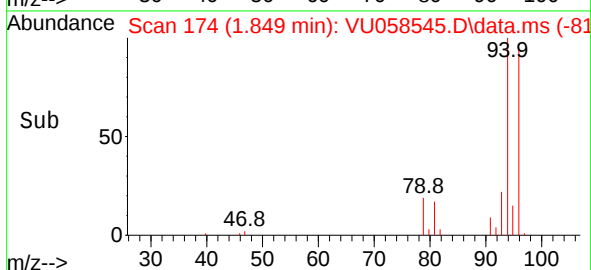
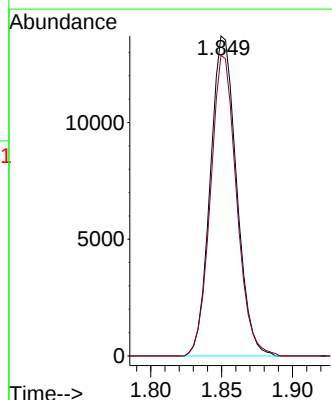
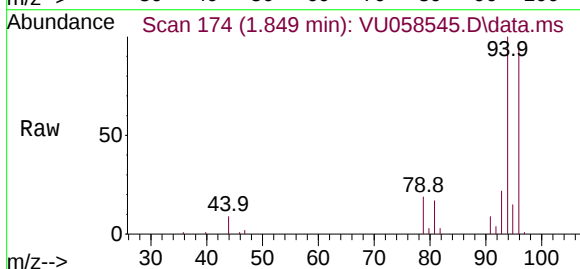
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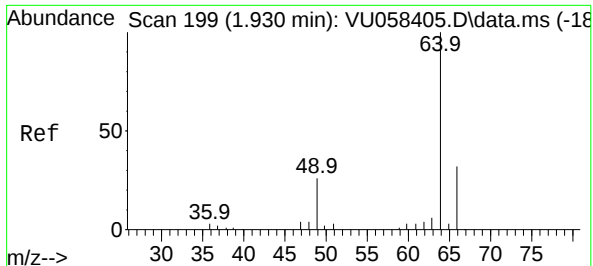
Tgt Ion: 94 Resp: 17672

Ion Ratio Lower Upper

94 100

96 94.0 65.4 121.4

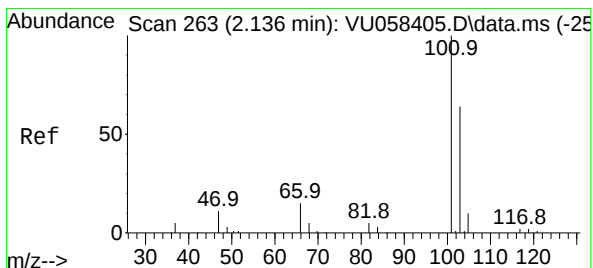
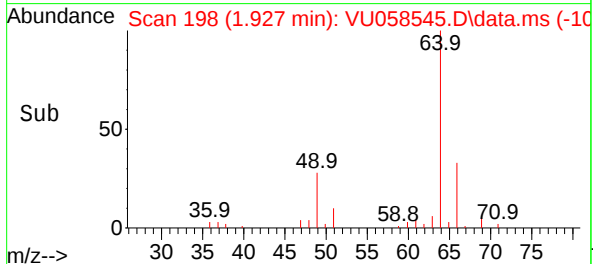
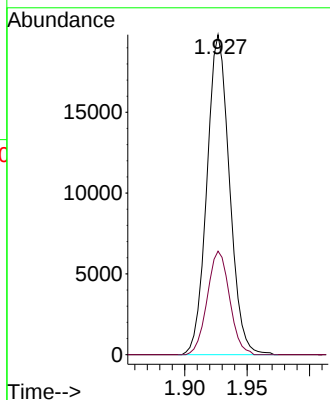
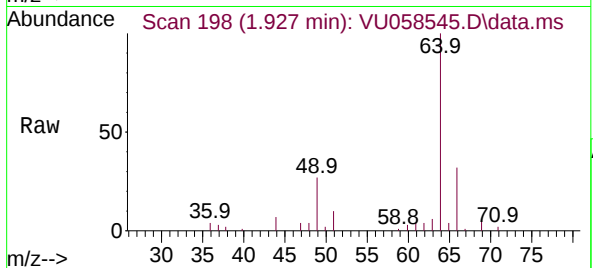




#8
Chloroethane
Concen: 5.753 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

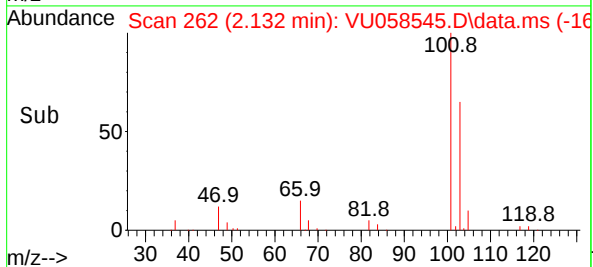
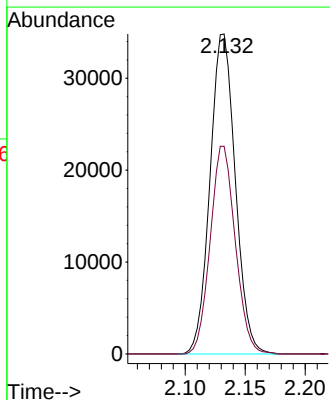
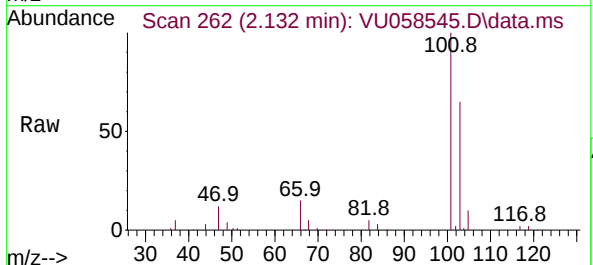
Instrument :
MSVOA_U
ClientSampleId :

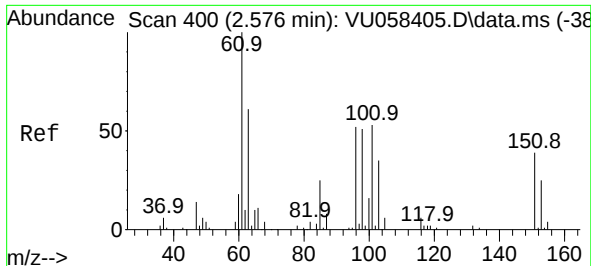
Tgt Ion: 64 Resp: 24976
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.623 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion:101 Resp: 51030
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.432 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

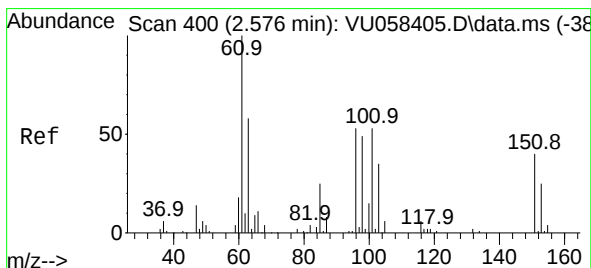
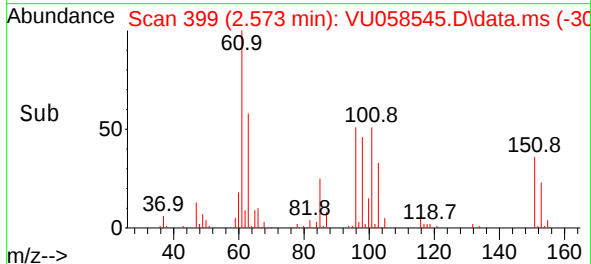
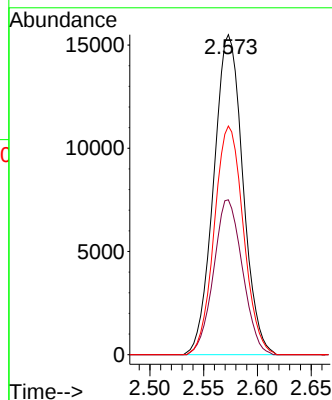
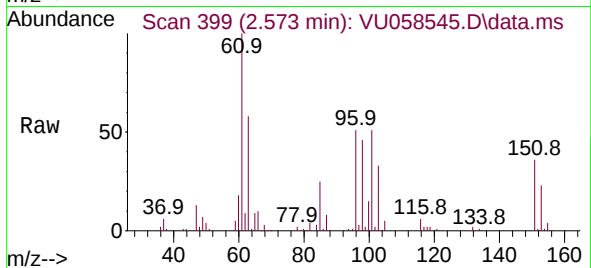
Tgt Ion:101 Resp: 29292

Ion Ratio Lower Upper

101 100

85 47.9 36.8 55.2

151 71.3 58.2 87.4



#12

1,1-Dichloroethene

Concen: 5.402 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

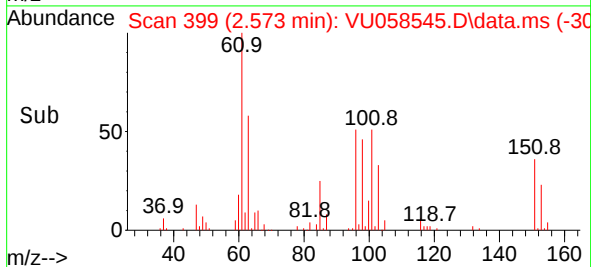
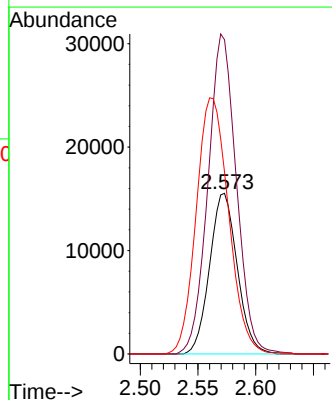
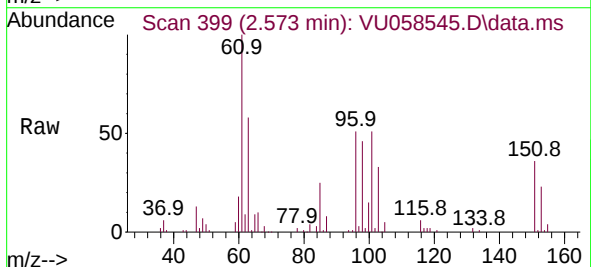
Tgt Ion: 96 Resp: 25824

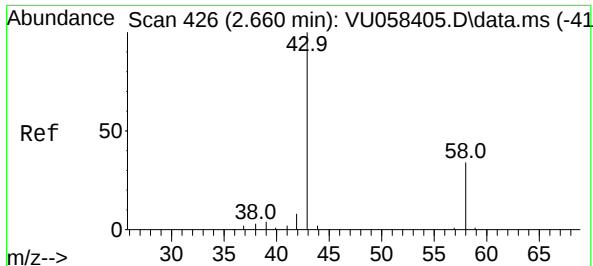
Ion Ratio Lower Upper

96 100

61 195.7 132.5 246.1

63 113.3 87.7 162.9





#13

Acetone

Concen: 51.398 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

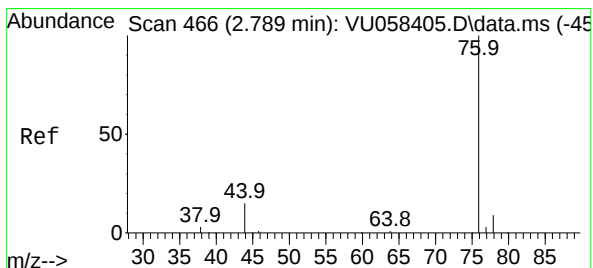
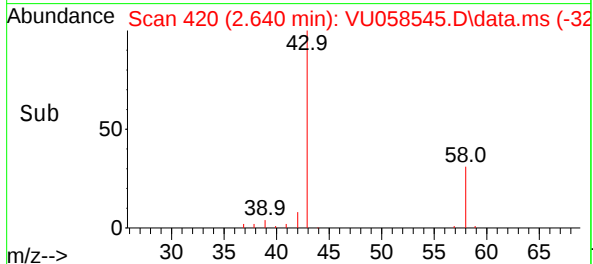
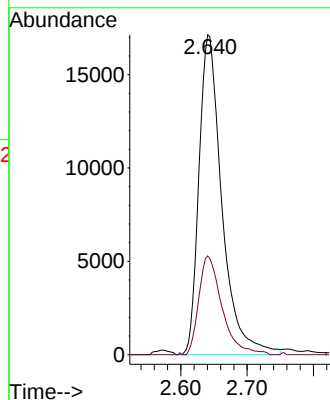
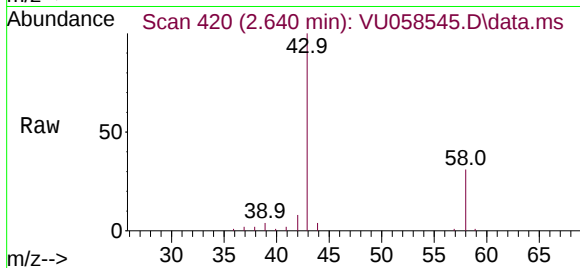
ClientSampleId :

Tgt Ion: 43 Resp: 41287

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.4



#14

Carbon disulfide

Concen: 5.312 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058545.D

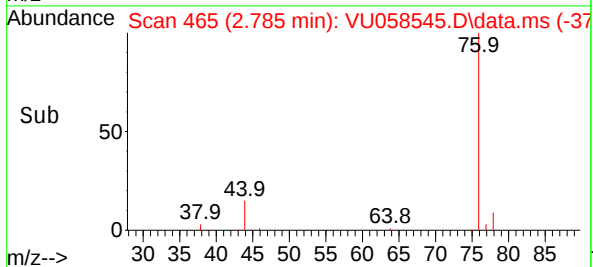
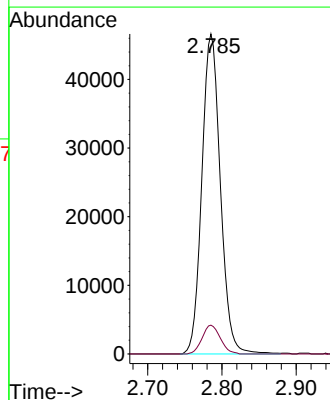
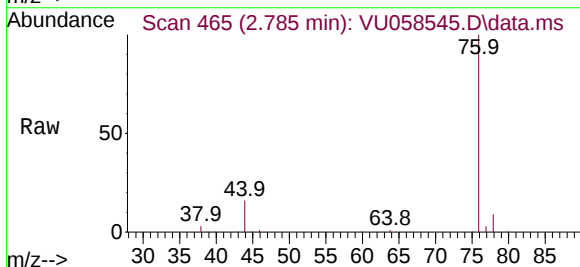
Acq: 10 Apr 2024 03:49

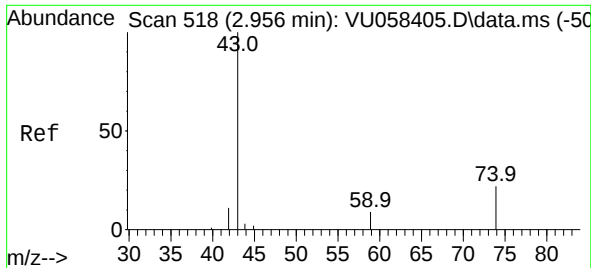
Tgt Ion: 76 Resp: 80665

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.895 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

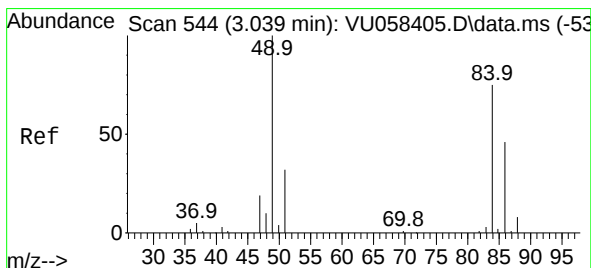
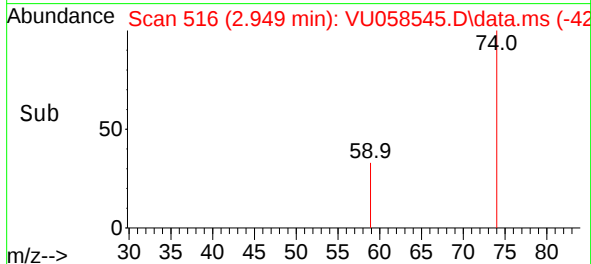
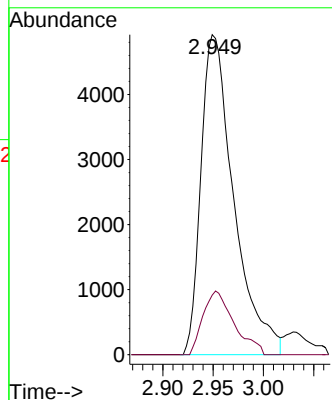
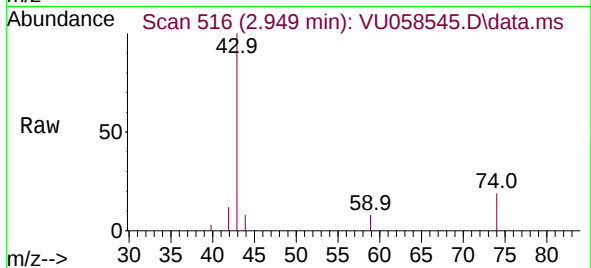
ClientSampleId :

Tgt Ion: 43 Resp: 11174

Ion Ratio Lower Upper

43 100

74 18.7 16.6 25.0



#16

Methylene chloride

Concen: 5.388 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

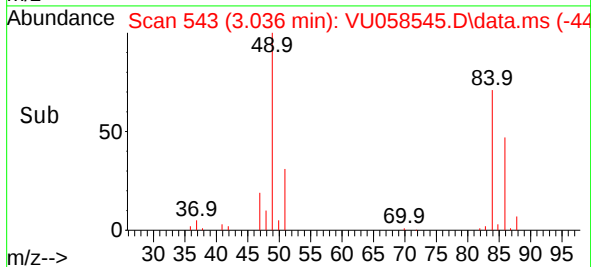
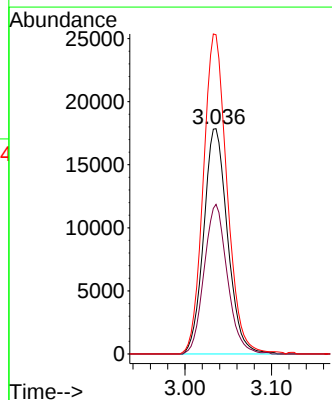
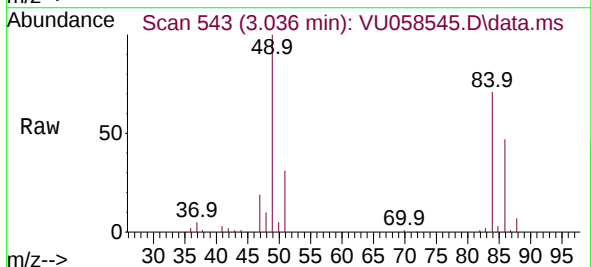
Tgt Ion: 84 Resp: 34185

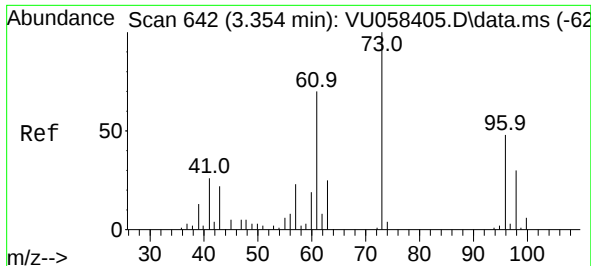
Ion Ratio Lower Upper

84 100

86 66.4 44.3 82.3

49 141.7 96.0 178.2

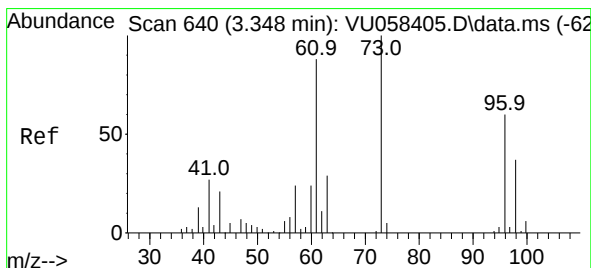
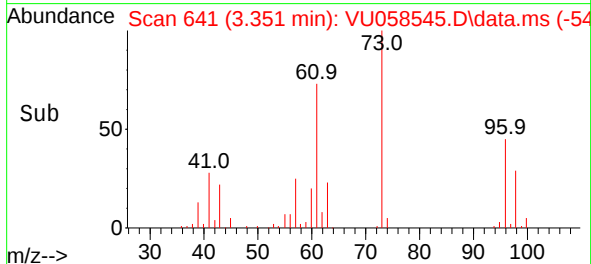
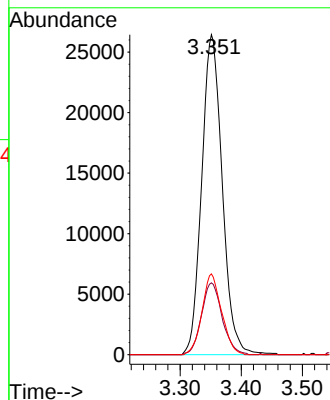
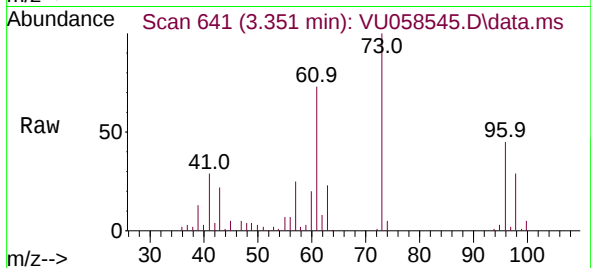




#17
Methyl tert-butyl Ether
Concen: 5.472 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

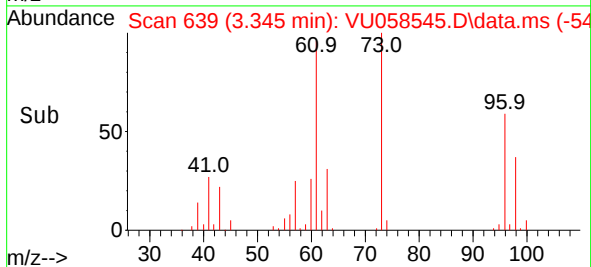
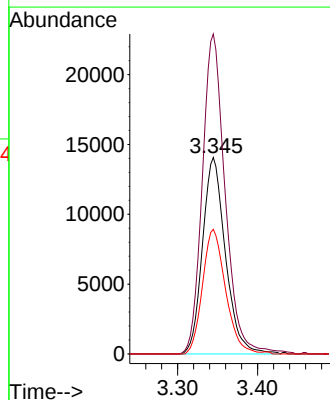
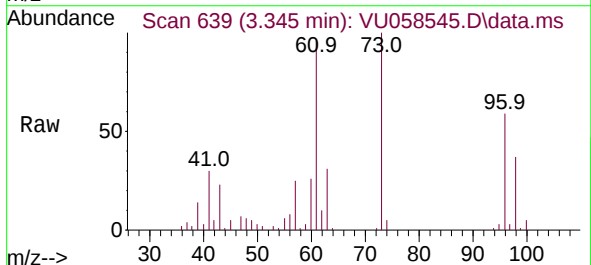
Instrument :
MSVOA_U
ClientSampleId :

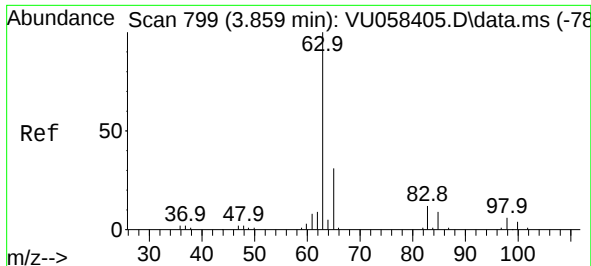
Tgt Ion: 73 Resp: 61790
Ion Ratio Lower Upper
73 100
43 22.6 17.4 26.2
57 24.0 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.625 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

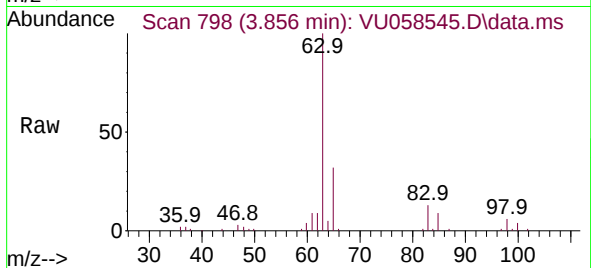
Tgt Ion: 96 Resp: 28183
Ion Ratio Lower Upper
96 100
61 162.9 107.6 199.8
98 63.4 45.1 83.7



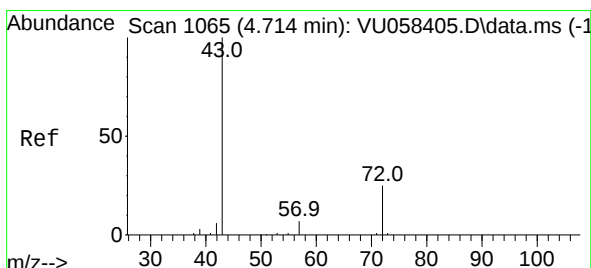
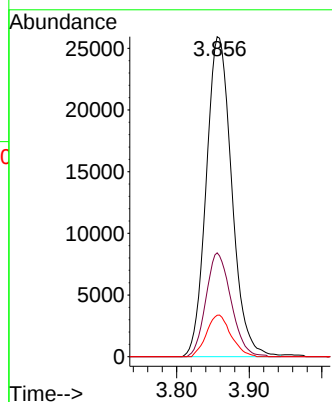
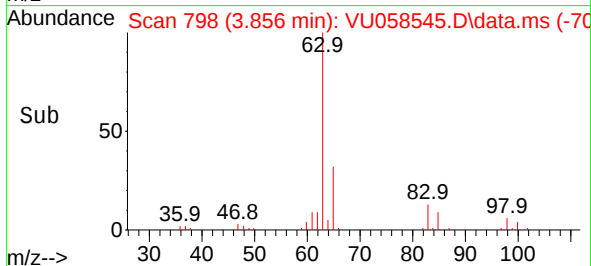


#19
1,1-Dichloroethane
Concen: 5.800 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Instrument :
MSVOA_U
ClientSampleId :

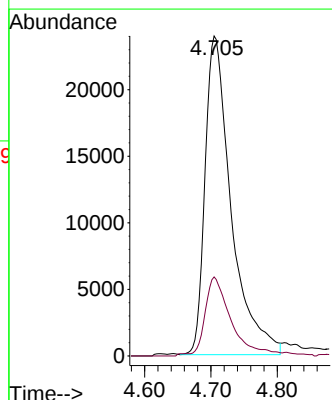
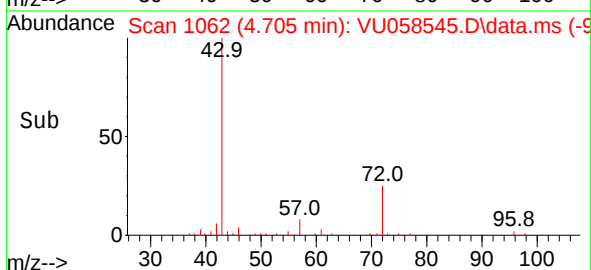
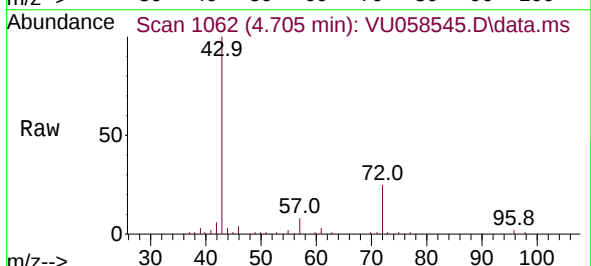


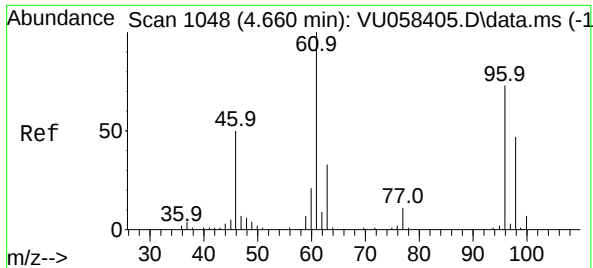
Tgt Ion: 63 Resp: 63429
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 13.0 9.6 17.8



#21
2-Butanone
Concen: 54.560 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion: 43 Resp: 65507
Ion Ratio Lower Upper
43 100
72 24.8 11.7 35.0

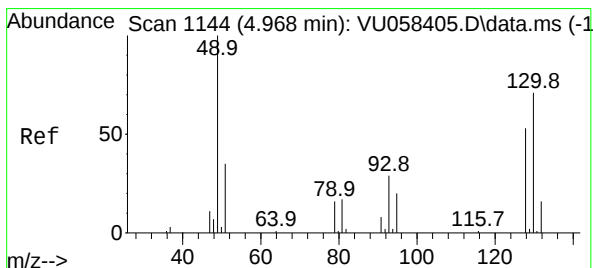
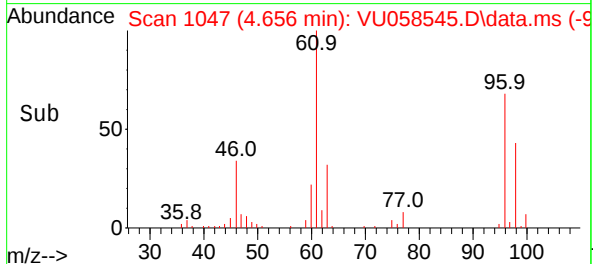
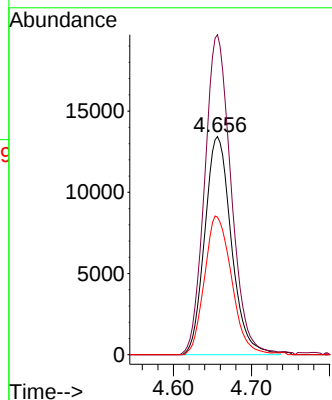
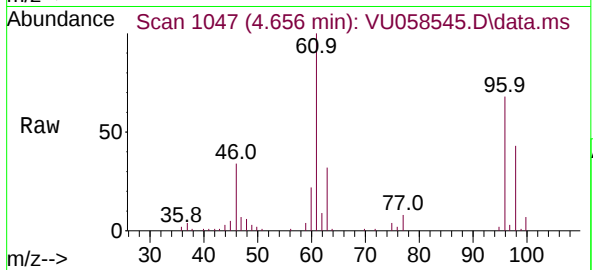




#22
 cis-1,2-Dichloroethene
 Concen: 5.667 ug/L
 RT: 4.656 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058545.D
 Acq: 10 Apr 2024 03:49

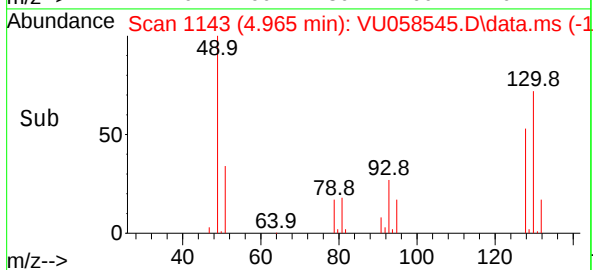
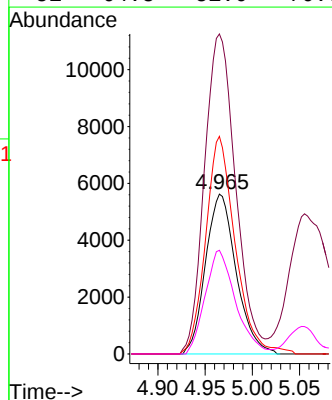
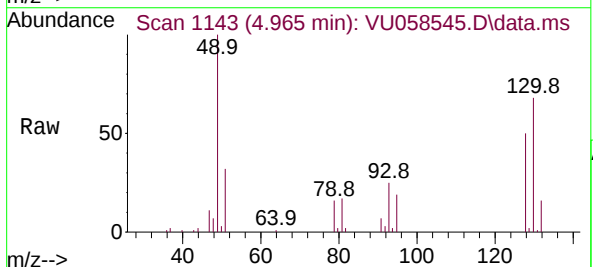
Instrument :
 MSVOA_U
 ClientSampleId :

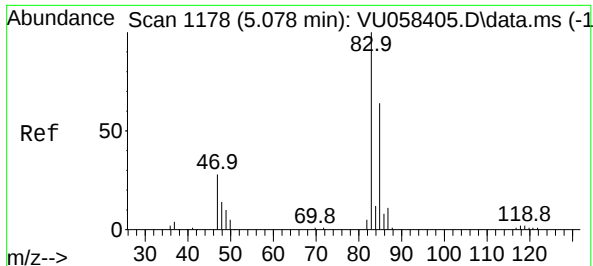
Tgt Ion: 96 Resp: 31883
 Ion Ratio Lower Upper
 96 100
 61 146.7 98.1 182.3
 98 63.1 43.6 81.0



#23
 Bromochloromethane
 Concen: 5.712 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058545.D
 Acq: 10 Apr 2024 03:49

Tgt Ion:128 Resp: 12662
 Ion Ratio Lower Upper
 128 100
 49 200.3 134.4 249.6
 130 136.2 90.0 167.2
 51 64.8 51.0 76.6





#25

Chloroform

Concen: 5.837 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

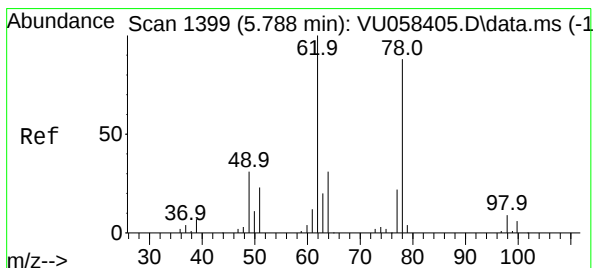
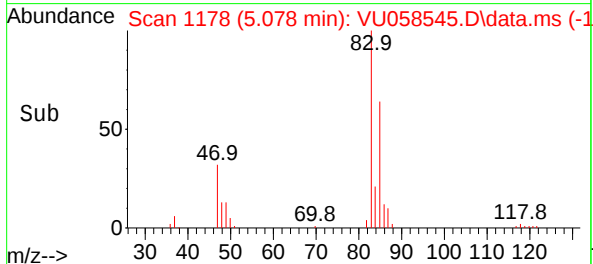
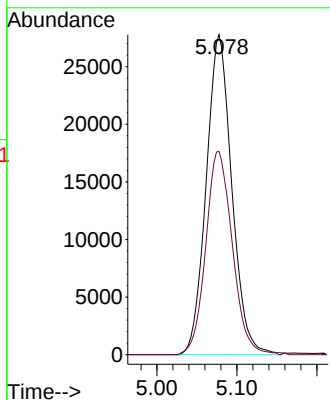
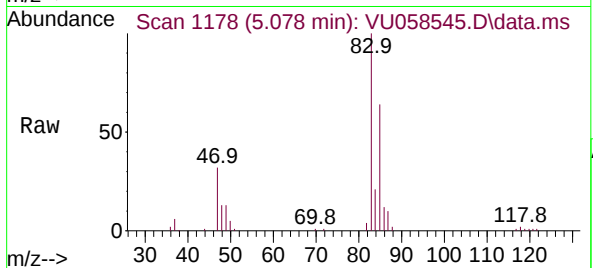
ClientSampleId :

Tgt Ion: 83 Resp: 61777

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.708 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058545.D

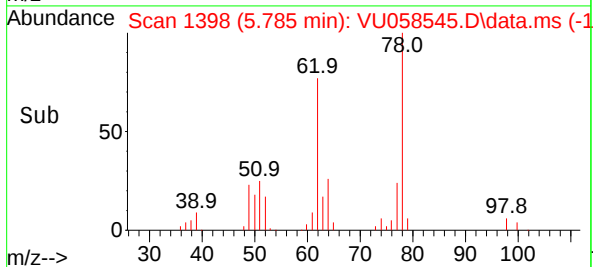
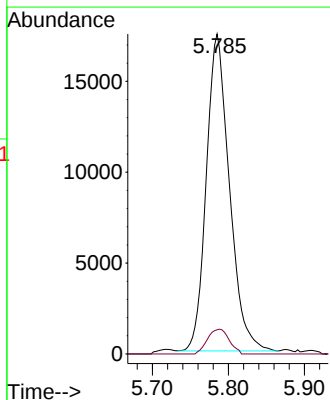
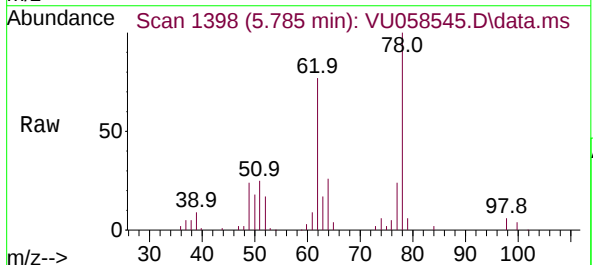
Acq: 10 Apr 2024 03:49

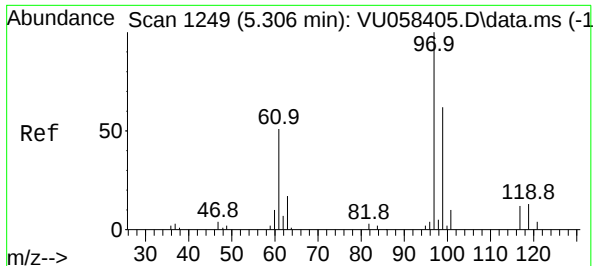
Tgt Ion: 62 Resp: 36790

Ion Ratio Lower Upper

62 100

98 7.6 7.0 10.4

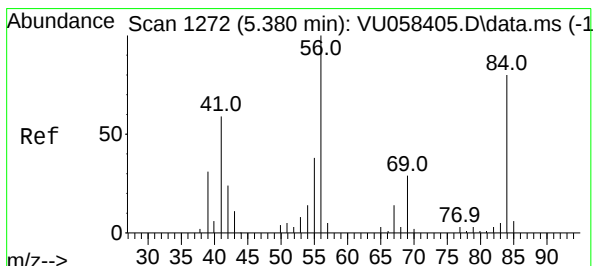
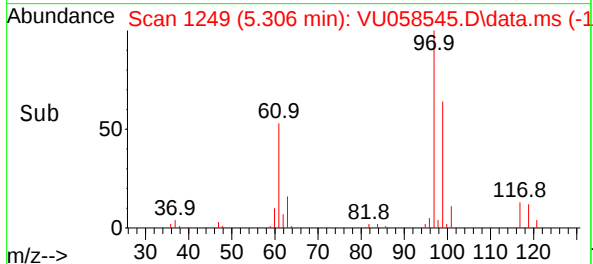
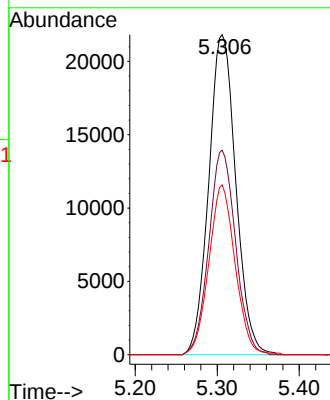
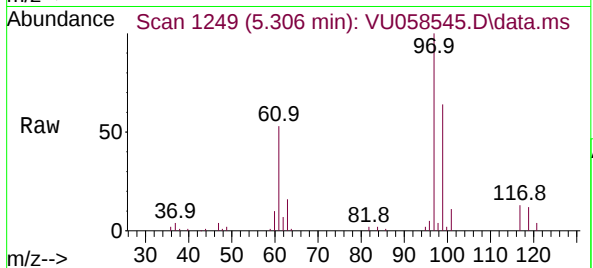




#29
1,1,1-Trichloroethane
Concen: 5.823 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

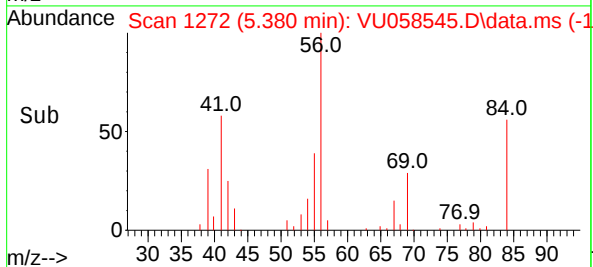
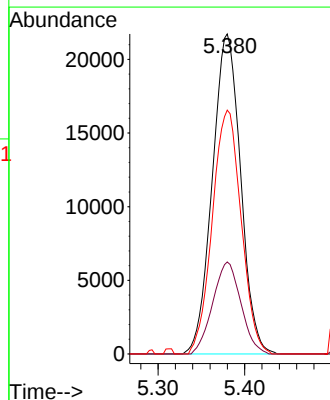
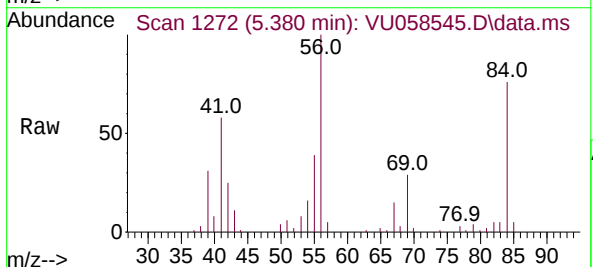
Instrument :
MSVOA_U
ClientSampleId :

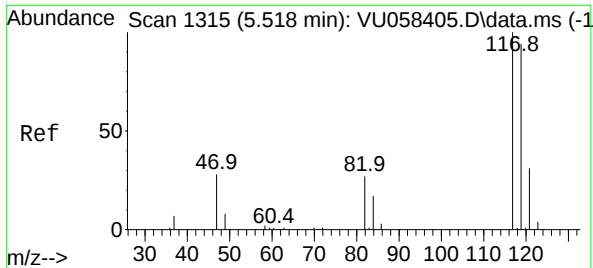
Tgt Ion: 97 Resp: 50043
Ion Ratio Lower Upper
97 100
99 63.2 50.4 75.6
61 51.4 39.4 59.0



#30
Cyclohexane
Concen: 5.435 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion: 56 Resp: 49330
Ion Ratio Lower Upper
56 100
69 28.6 23.2 34.8
84 77.5 63.3 94.9

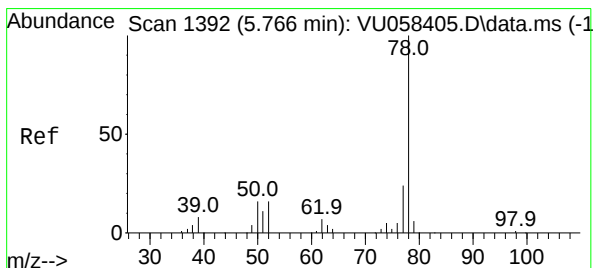
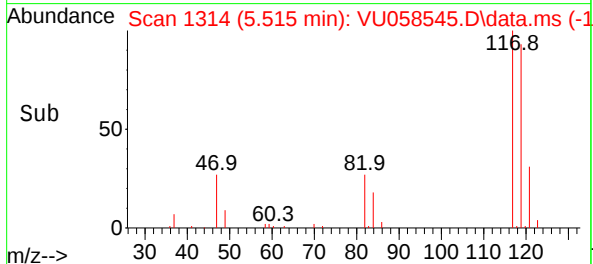
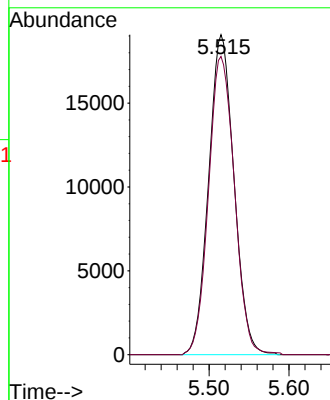
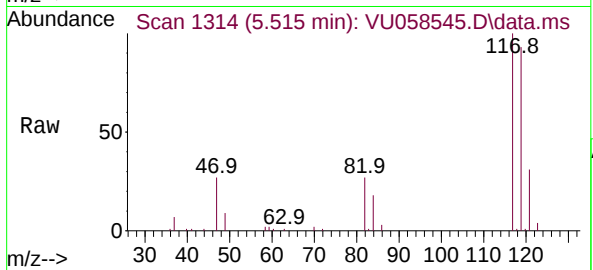




#31
Carbon tetrachloride
Concen: 5.774 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

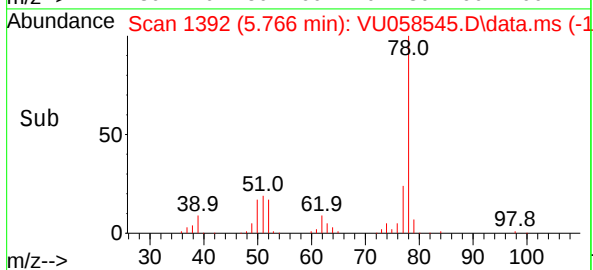
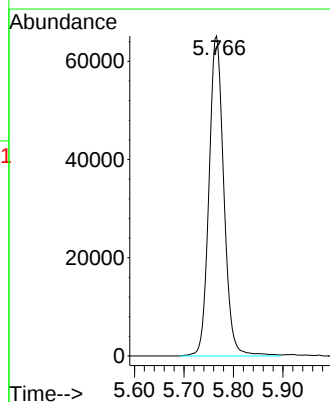
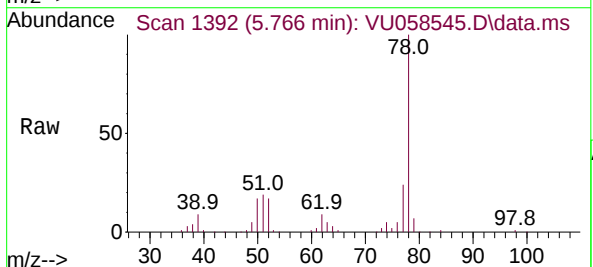
Instrument :
MSVOA_U
ClientSampleId :

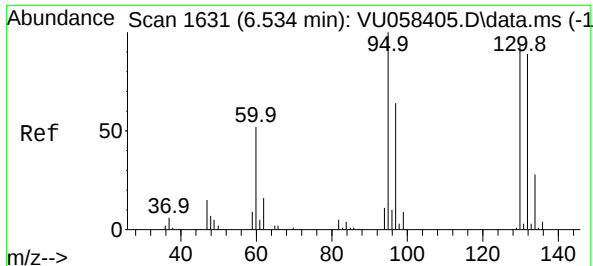
Tgt Ion:117 Resp: 42027
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1



#33
Benzene
Concen: 5.825 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

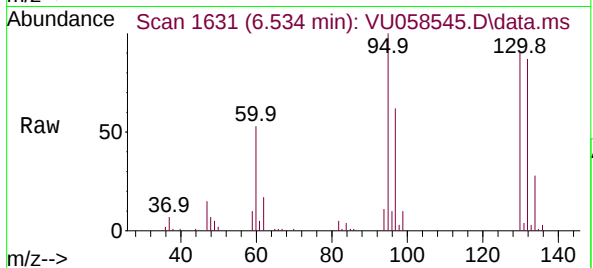
Tgt Ion: 78 Resp: 135366



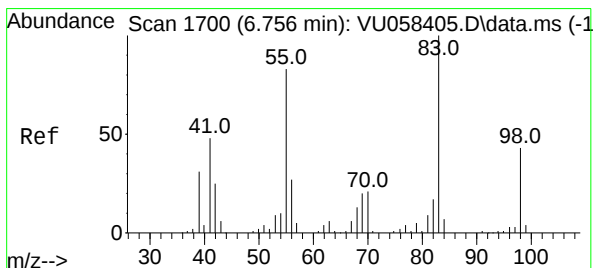
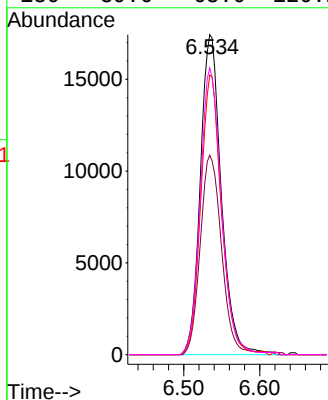
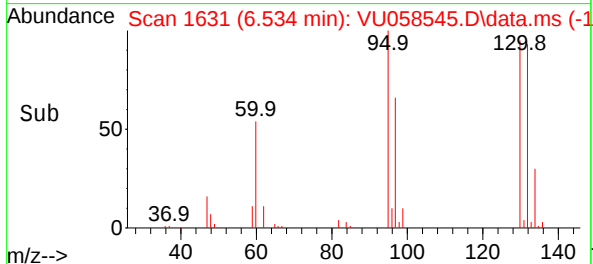


#34
Trichloroethene
Concen: 5.718 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

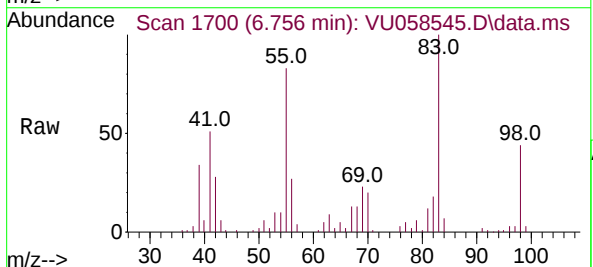
Instrument :
MSVOA_U
ClientSampleId :



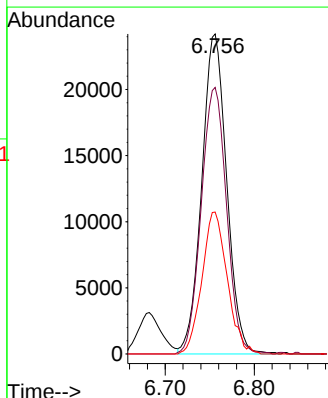
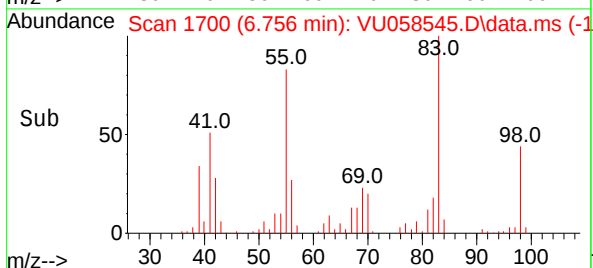
Tgt Ion: 95 Resp: 33489
Ion Ratio Lower Upper
95 100
97 62.3 45.6 84.6
132 87.4 64.8 120.3
130 89.6 68.0 126.2

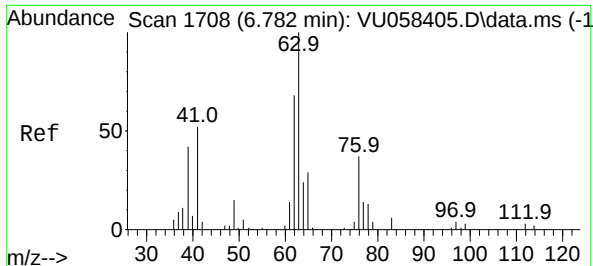


#35
Methylcyclohexane
Concen: 5.335 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49



Tgt Ion: 83 Resp: 47083
Ion Ratio Lower Upper
83 100
55 84.6 66.2 99.4
98 44.9 34.6 52.0

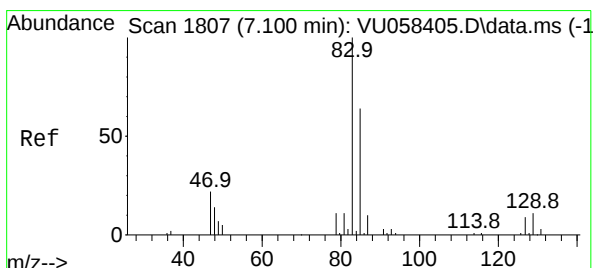
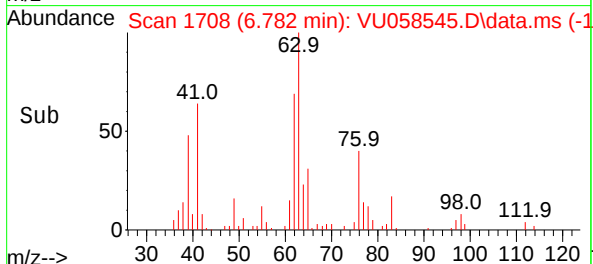
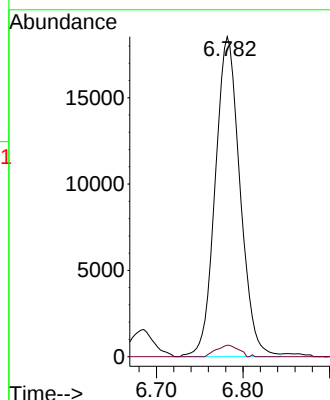
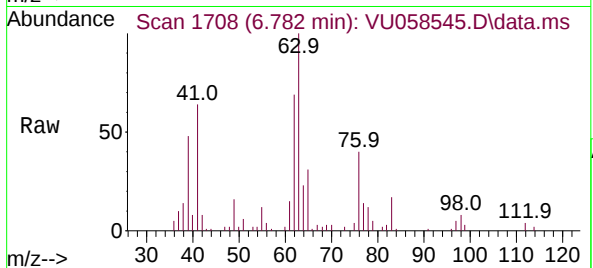




#37
1,2-Dichloropropane
Concen: 6.033 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

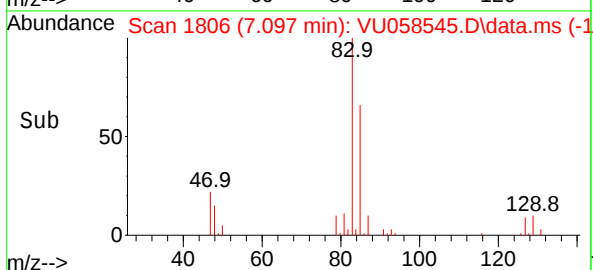
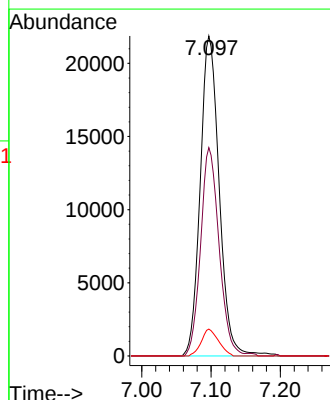
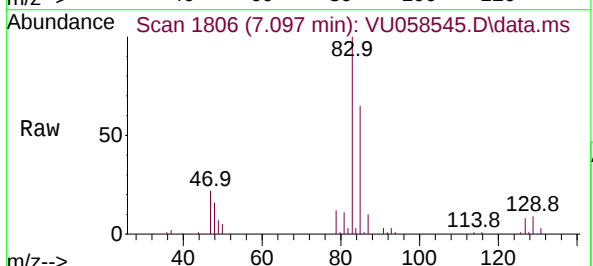
Instrument :
MSVOA_U
ClientSampleId :

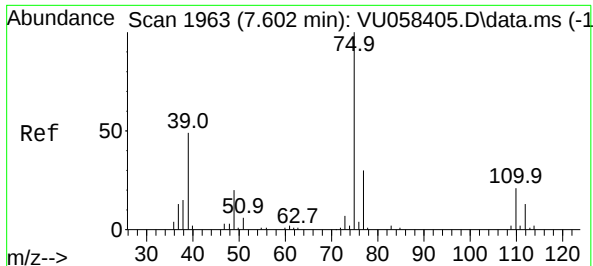
Tgt Ion: 63 Resp: 36882
Ion Ratio Lower Upper
63 100
112 3.2 2.6 4.0



#38
Bromodichloromethane
Concen: 5.968 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion: 83 Resp: 41642
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2
127 8.4 6.5 9.7

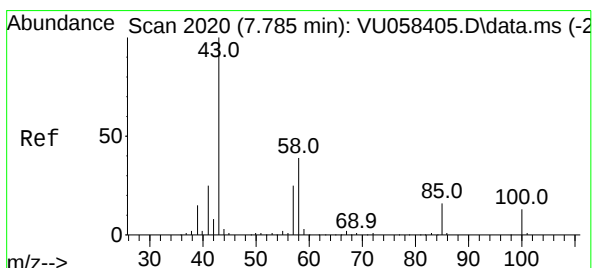
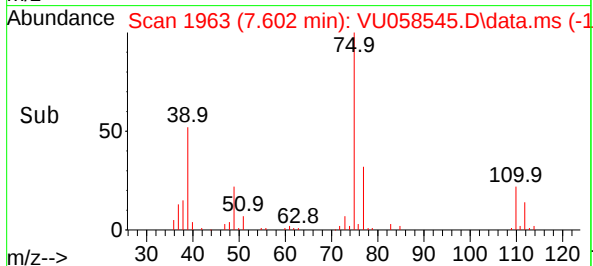
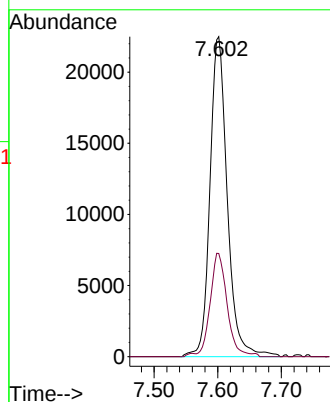
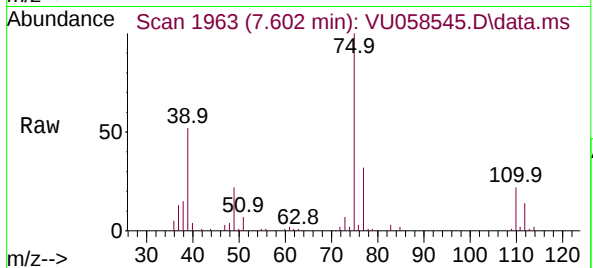




#39
 cis-1,3-Dichloropropene
 Concen: 5.475 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058545.D
 Acq: 10 Apr 2024 03:49

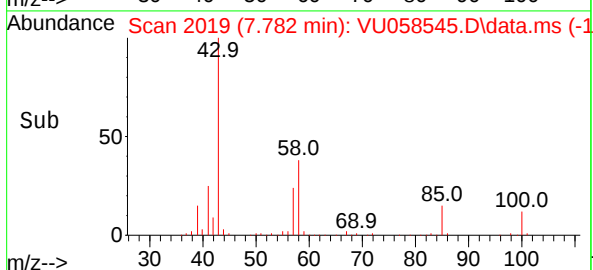
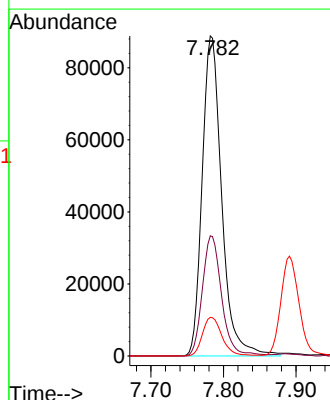
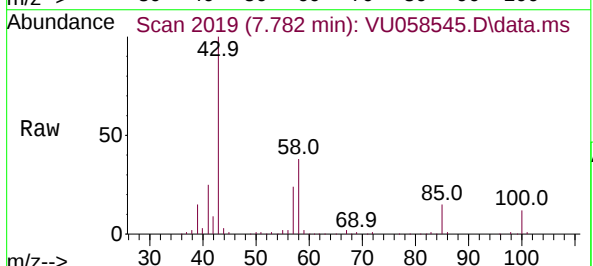
Instrument :
 MSVOA_U
 ClientSampleId :

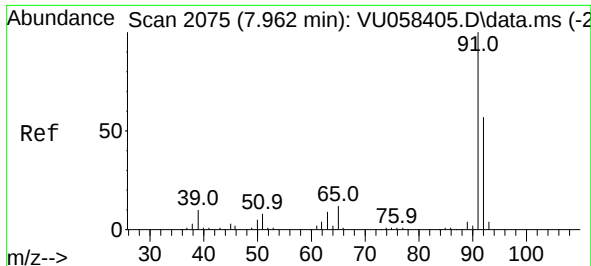
Tgt Ion: 75 Resp: 42565
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 57.833 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058545.D
 Acq: 10 Apr 2024 03:49

Tgt Ion: 43 Resp: 166420
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.4 45.6
 100 12.1 10.3 15.5





#42

Toluene

Concen: 5.655 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

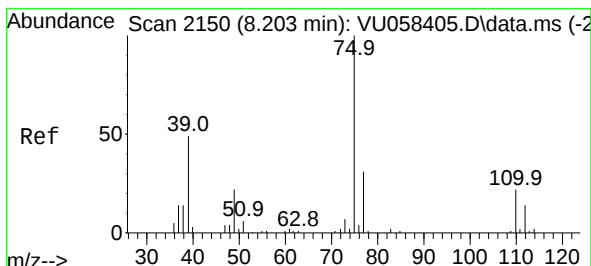
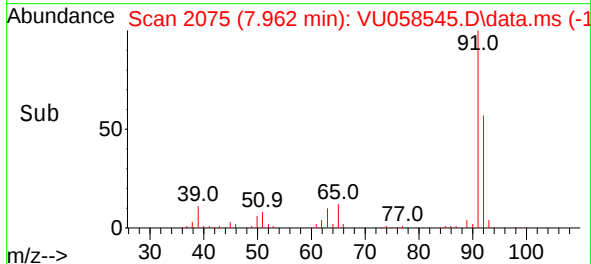
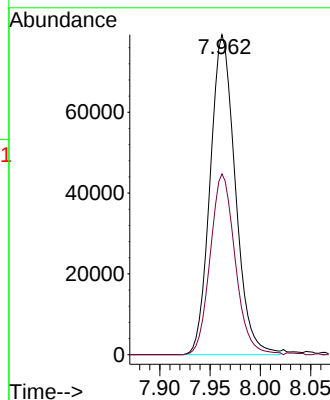
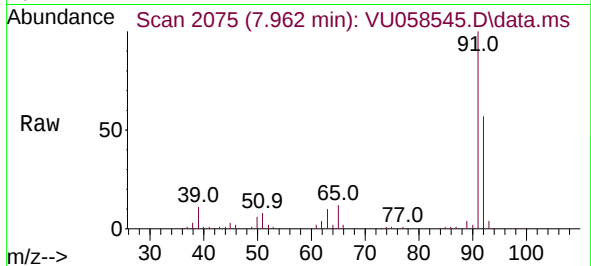
ClientSampleId :

Tgt Ion: 91 Resp: 137835

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.626 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058545.D

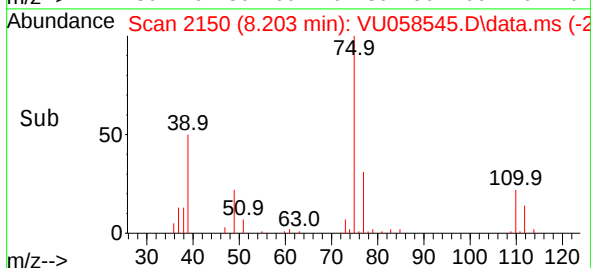
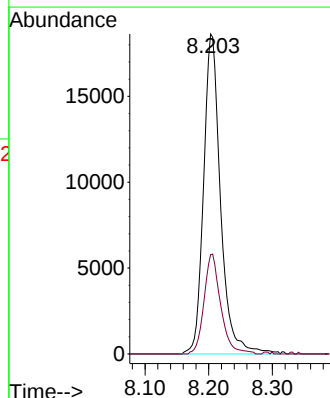
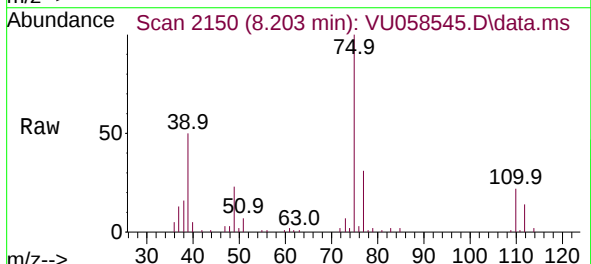
Acq: 10 Apr 2024 03:49

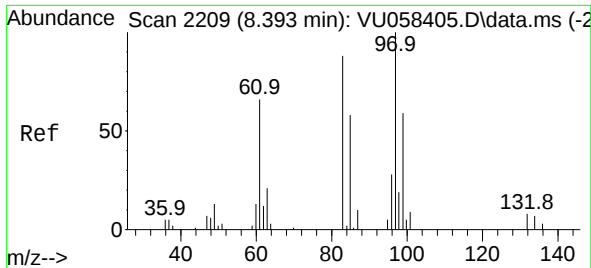
Tgt Ion: 75 Resp: 34491

Ion Ratio Lower Upper

75 100

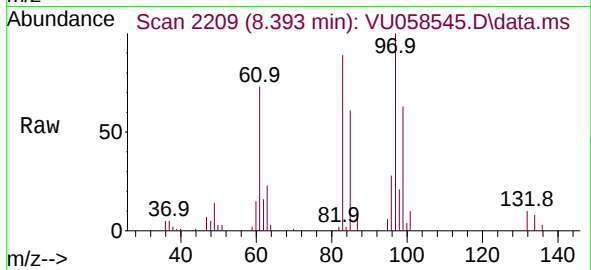
77 31.1 22.2 41.2





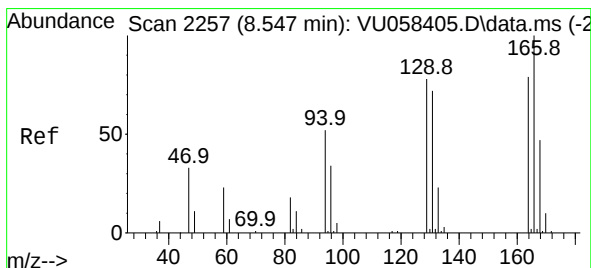
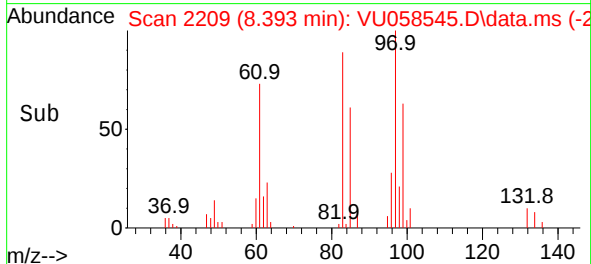
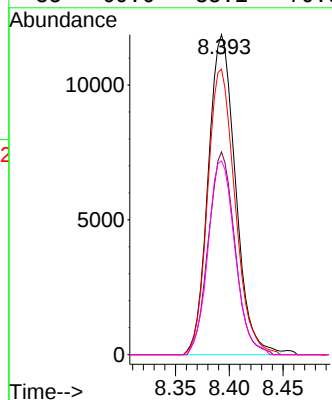
#45
1,1,2-Trichloroethane
Concen: 5.883 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 21004

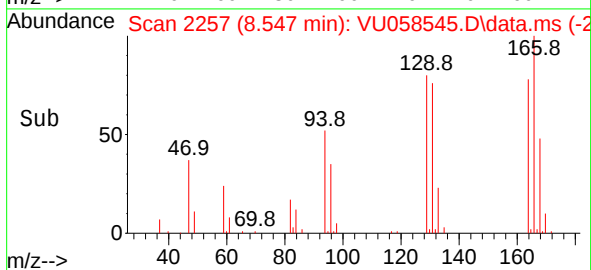
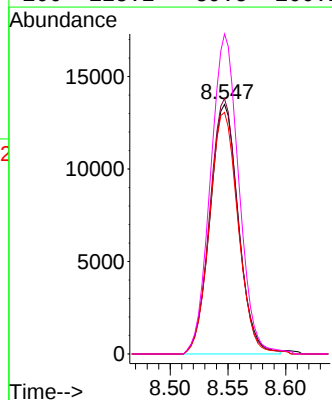
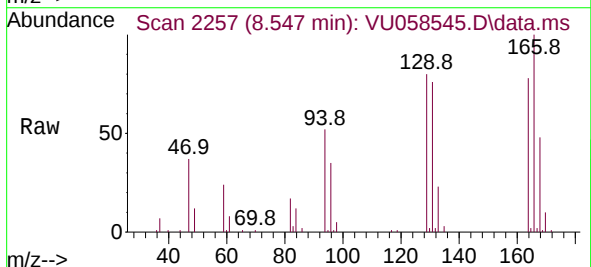
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.7	81.1
83	89.3	64.5	119.7
85	60.6	38.1	70.9

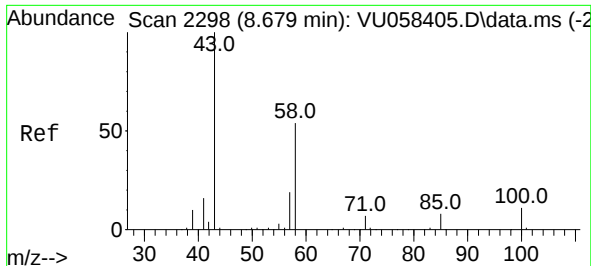


#47
Tetrachloroethene
Concen: 5.375 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion: 164 Resp: 23081

Ion	Ratio	Lower	Upper
164	100		
129	102.3	67.3	125.1
131	96.8	65.5	121.6
166	128.2	89.5	166.1





#48

2-Hexanone

Concen: 56.671 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 115771

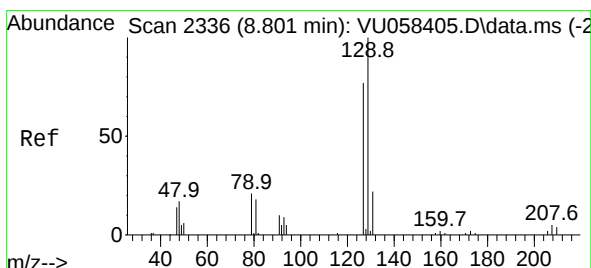
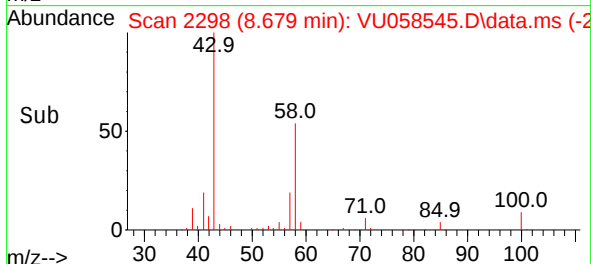
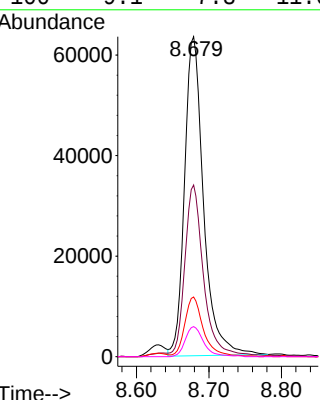
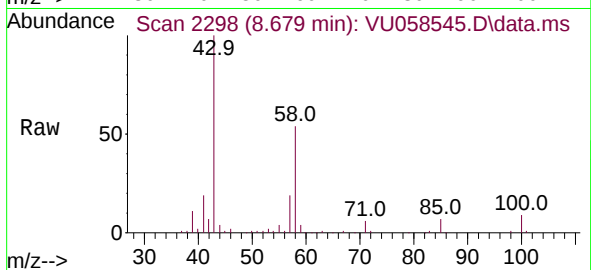
Ion Ratio Lower Upper

43 100

58 52.9 43.2 64.8

57 18.5 15.4 23.0

100 9.1 7.8 11.6



#49

Dibromochloromethane

Concen: 5.717 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU058545.D

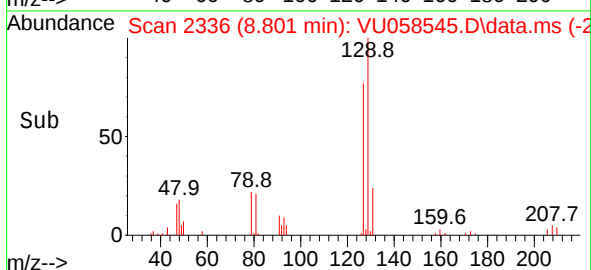
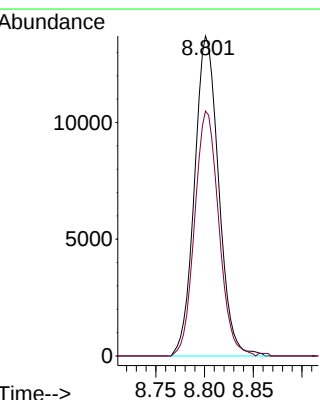
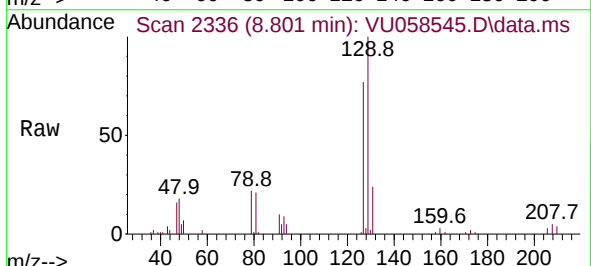
Acq: 10 Apr 2024 03:49

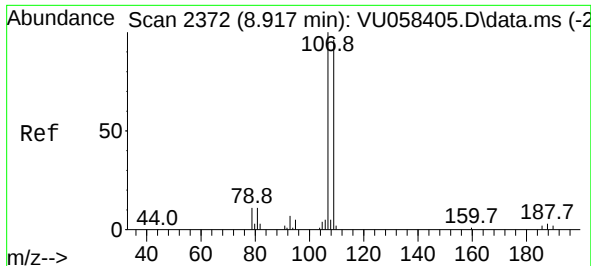
Tgt Ion:129 Resp: 23600

Ion Ratio Lower Upper

129 100

127 76.6 53.5 99.5

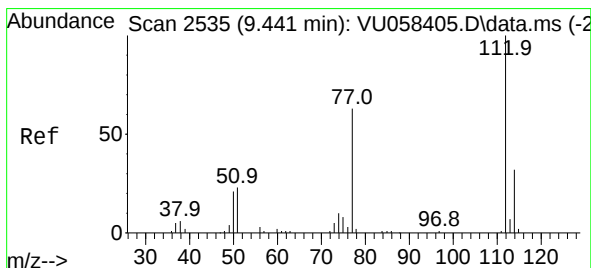
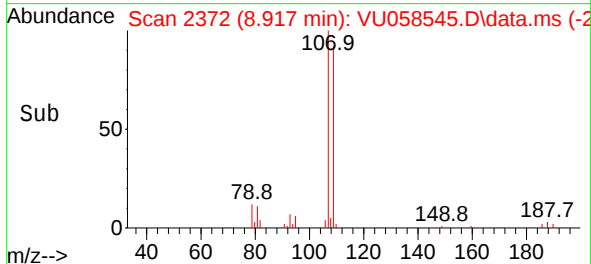
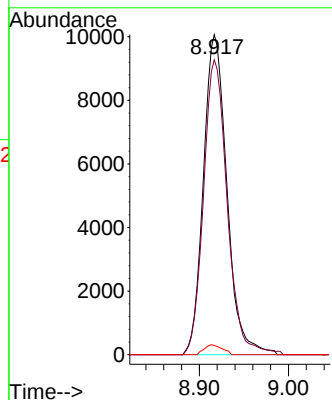
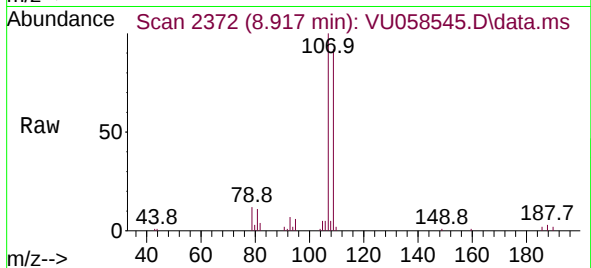




#50
1,2-Dibromoethane
Concen: 5.650 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

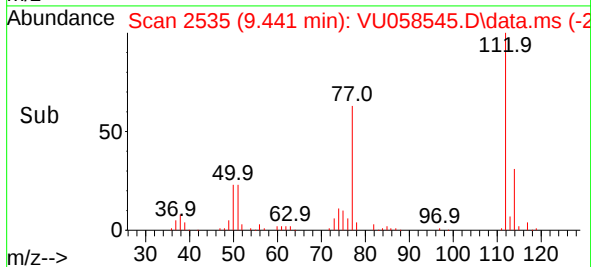
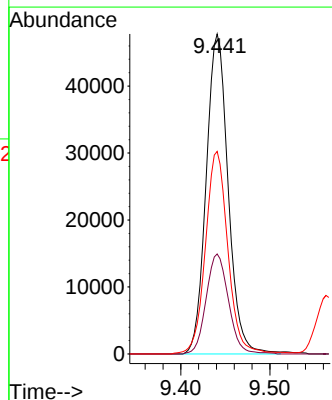
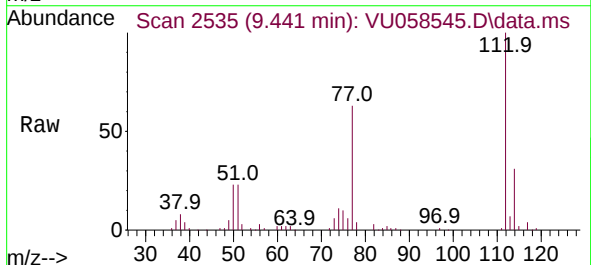
Instrument :
MSVOA_U
ClientSampleId :

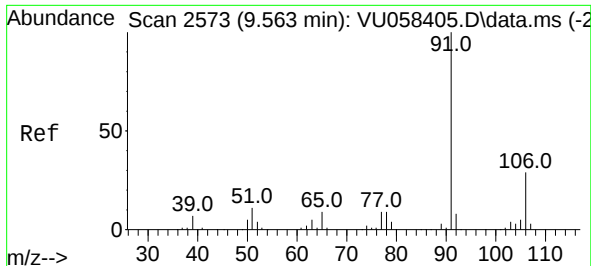
Tgt Ion:107 Resp: 18450
Ion Ratio Lower Upper
107 100
109 92.2 67.3 124.9
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 5.552 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion:112 Resp: 81873
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 63.3 50.1 75.1

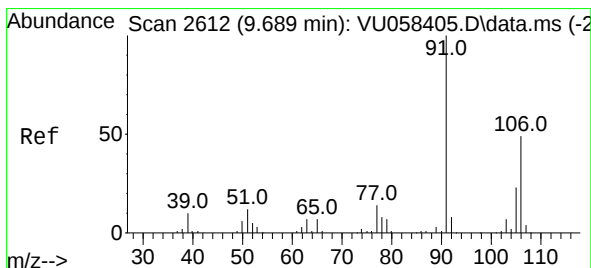
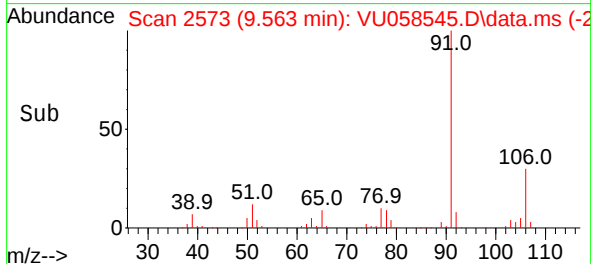
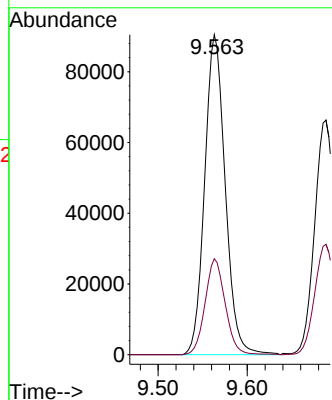
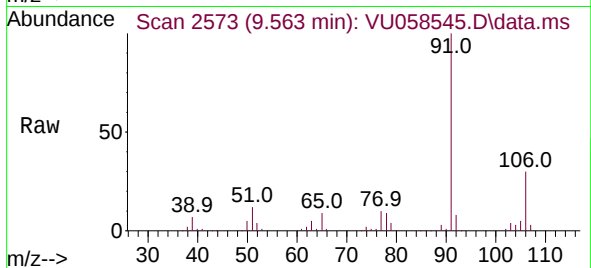




#52
Ethylbenzene
Concen: 5.609 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

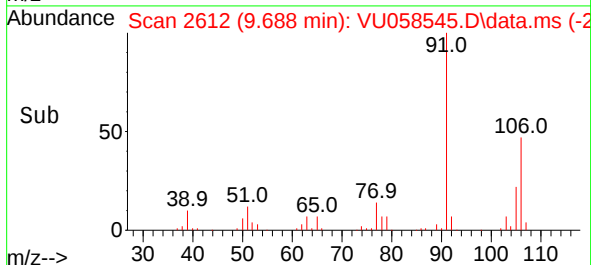
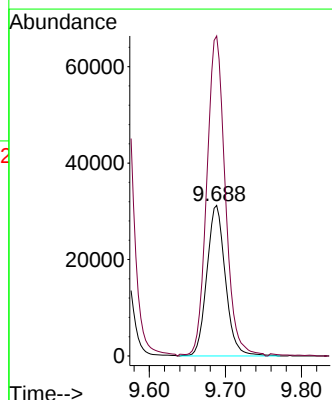
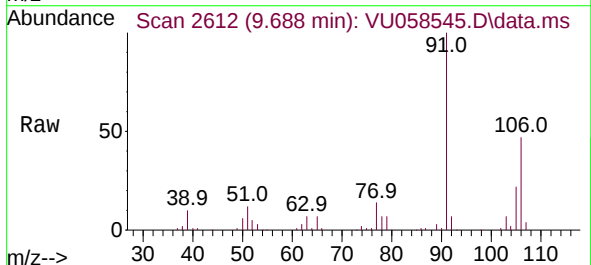
Instrument :
MSVOA_U
ClientSampleId :

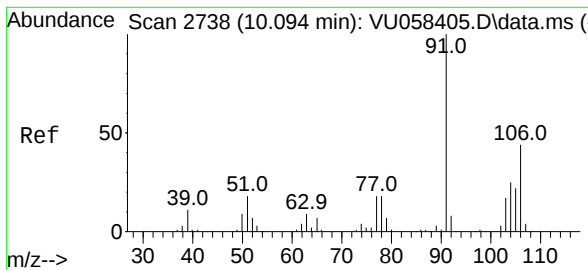
Tgt Ion: 91 Resp: 144843
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 5.717 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion: 106 Resp: 52862
Ion Ratio Lower Upper
106 100
91 212.6 147.8 274.4

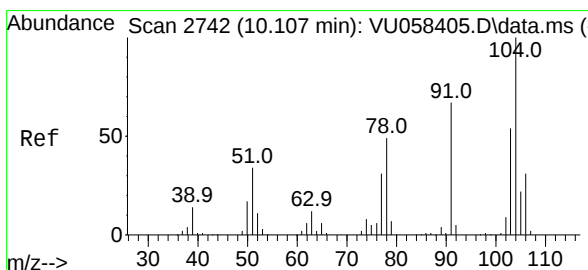
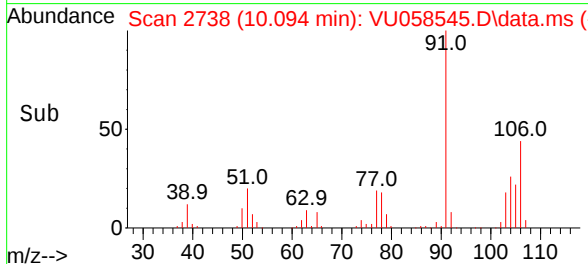
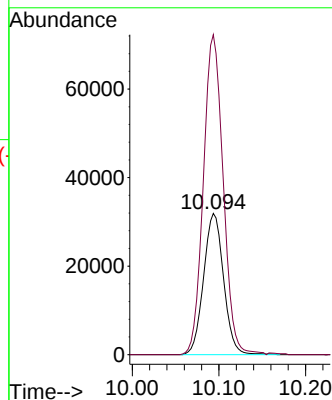
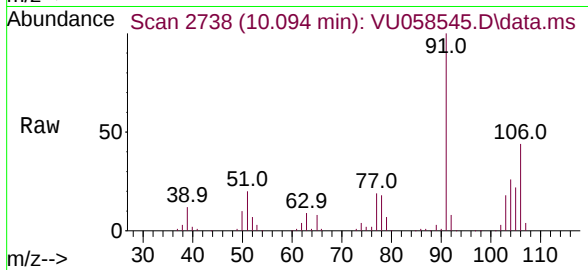




#54
o-Xylene
Concen: 5.657 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

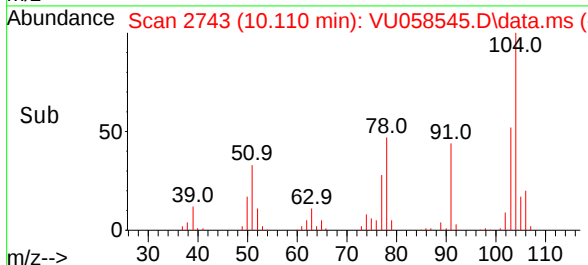
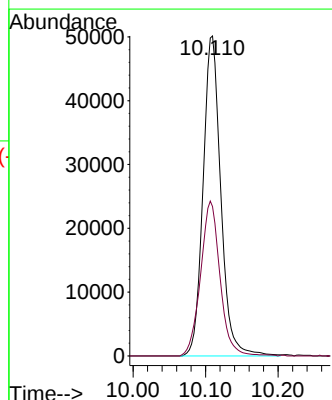
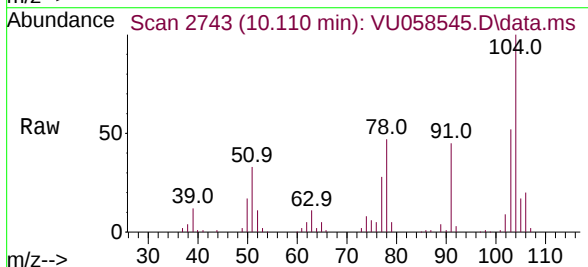
Instrument :
MSVOA_U
ClientSampleId :

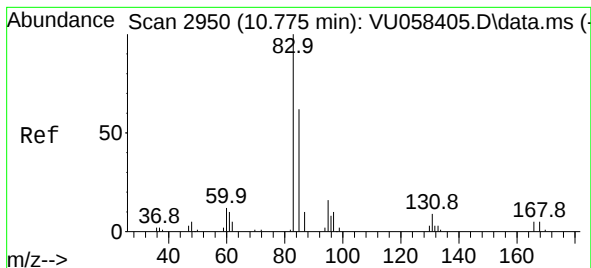
Tgt Ion:106 Resp: 51283
Ion Ratio Lower Upper
106 100
91 226.6 156.9 291.5



#55
Styrene
Concen: 5.854 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion:104 Resp: 85373
Ion Ratio Lower Upper
104 100
78 46.7 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.790 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

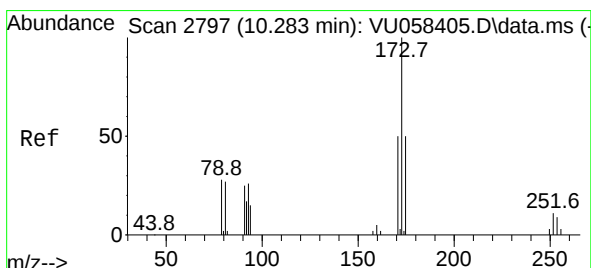
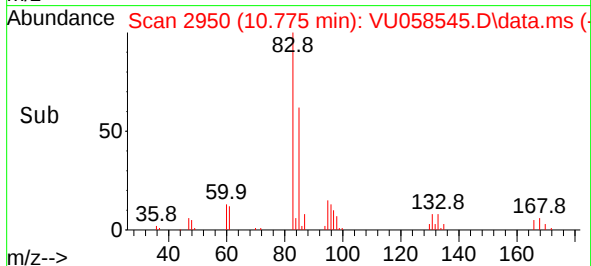
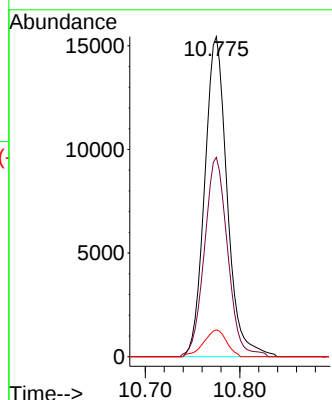
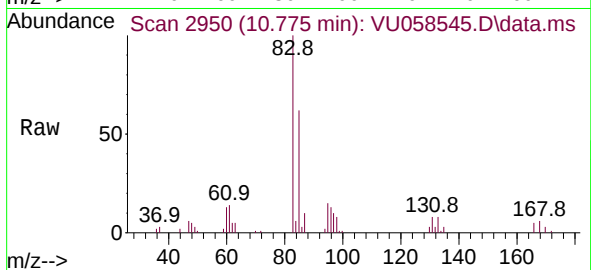
Tgt Ion: 83 Resp: 25500

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.7

131 8.4 6.9 10.3



#59

Bromoform

Concen: 5.423 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

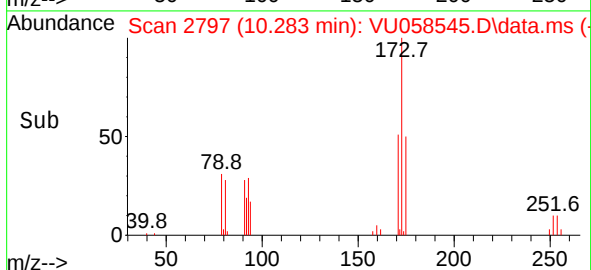
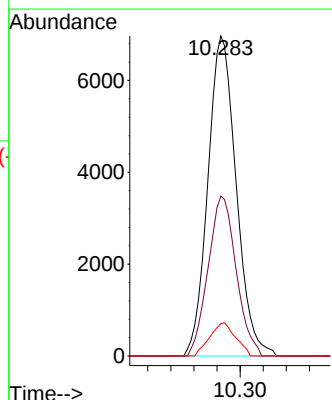
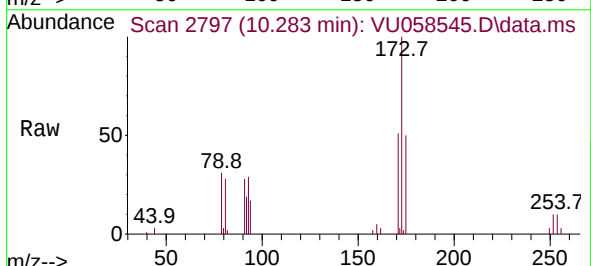
Tgt Ion:173 Resp: 11869

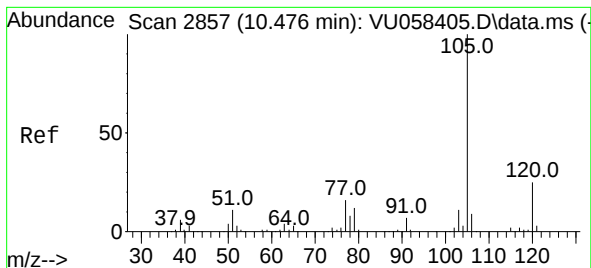
Ion Ratio Lower Upper

173 100

175 49.4 38.0 57.0

254 9.5 7.5 11.3





#60

Isopropylbenzene

Concen: 5.469 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

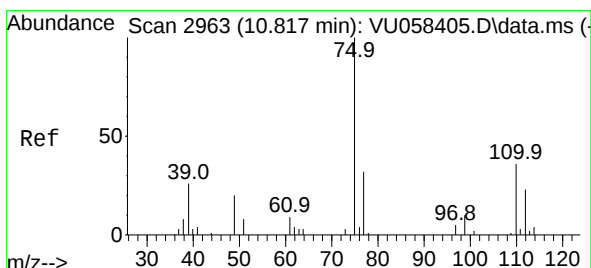
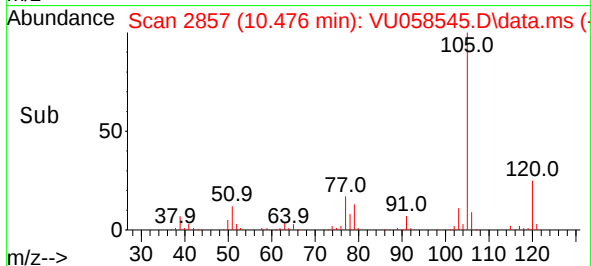
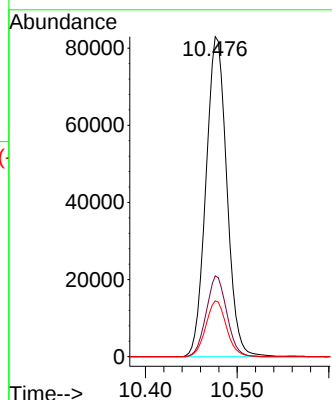
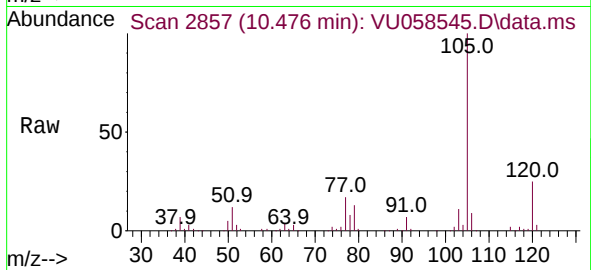
Tgt Ion:105 Resp: 131145

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.4

77 17.3 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 5.624 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

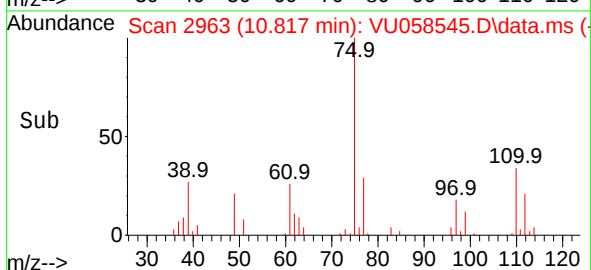
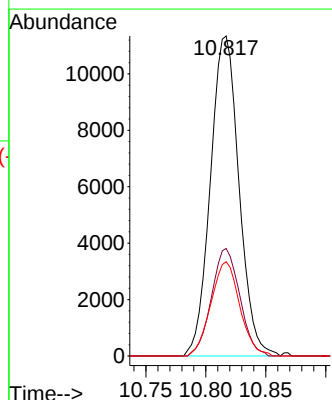
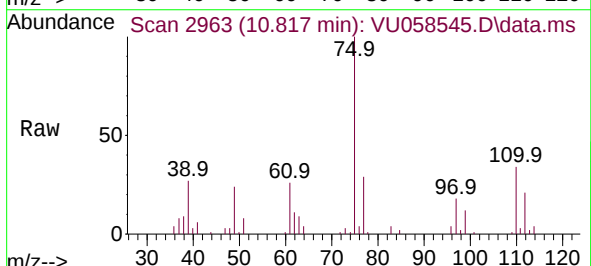
Tgt Ion: 75 Resp: 18796

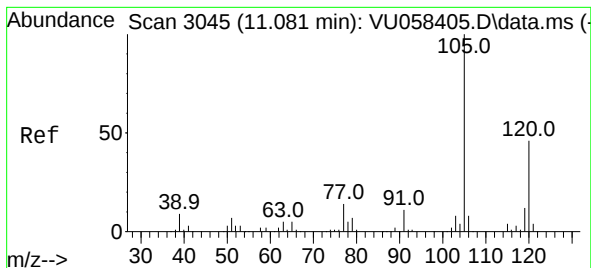
Ion Ratio Lower Upper

75 100

110 33.1 25.8 38.6

77 29.7 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.332 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

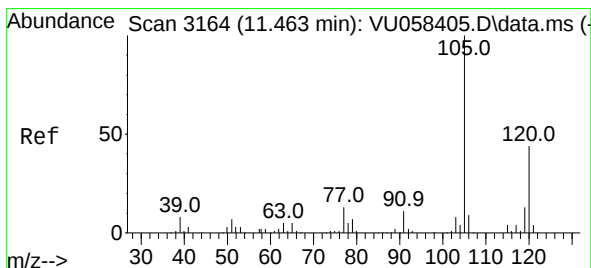
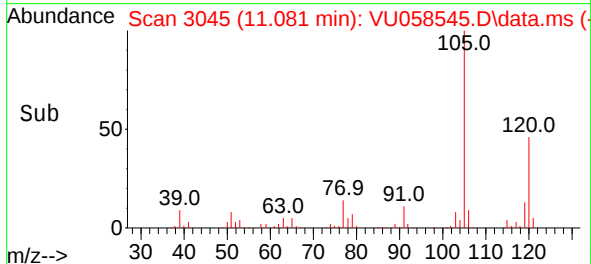
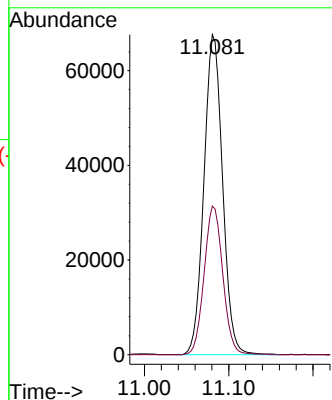
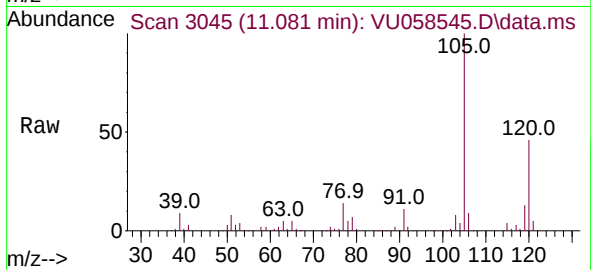
ClientSampleId :

Tgt Ion:105 Resp: 104266

Ion Ratio Lower Upper

105 100

120 46.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.341 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058545.D

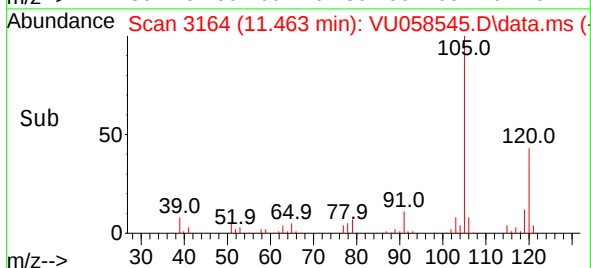
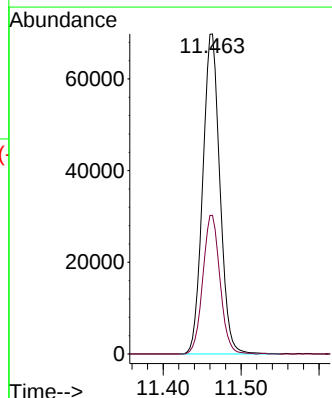
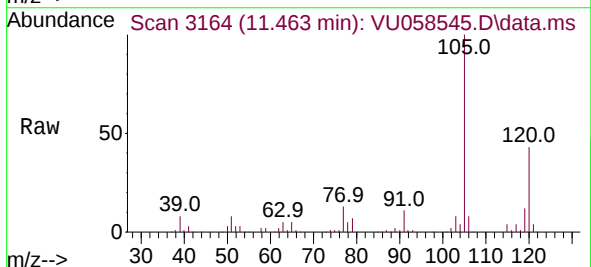
Acq: 10 Apr 2024 03:49

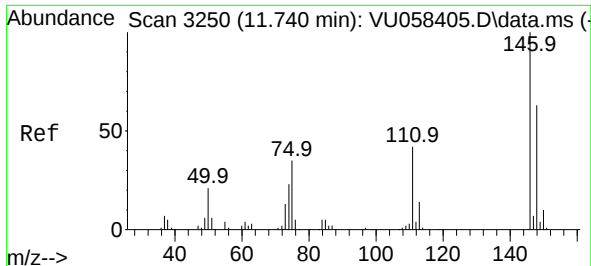
Tgt Ion:105 Resp: 106651

Ion Ratio Lower Upper

105 100

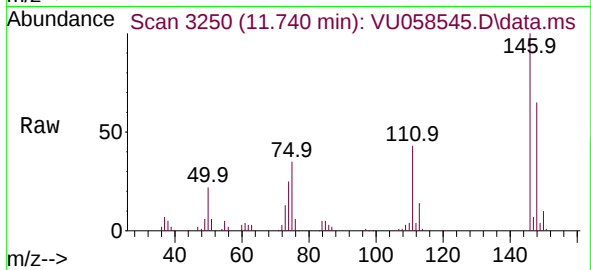
120 43.4 34.7 52.1



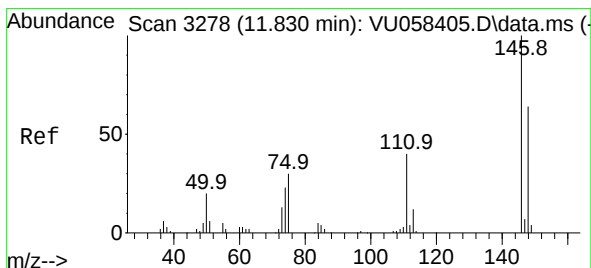
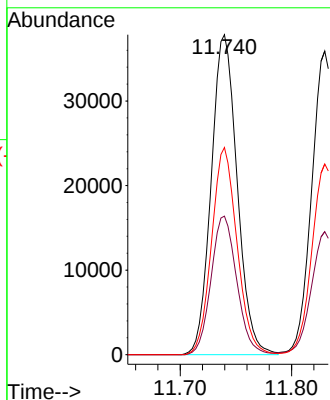
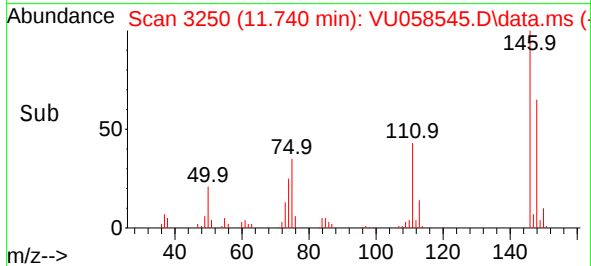


#64
1,3-Dichlorobenzene
Concen: 5.266 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

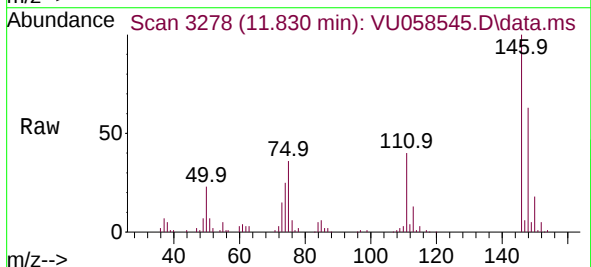
Instrument :
MSVOA_U
ClientSampleId :



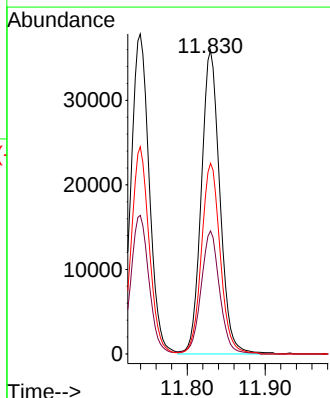
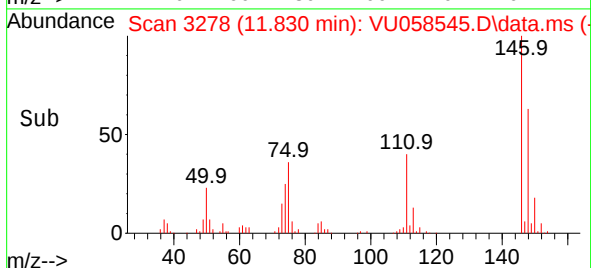
Tgt Ion:146 Resp: 61339
Ion Ratio Lower Upper
146 100
111 43.3 28.8 53.4
148 64.8 44.9 83.3

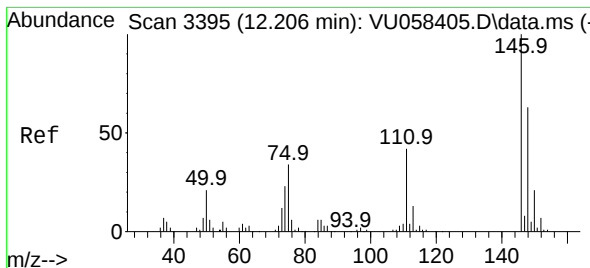


#65
1,4-Dichlorobenzene
Concen: 5.243 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49



Tgt Ion:146 Resp: 59497
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.6
148 62.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.238 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :

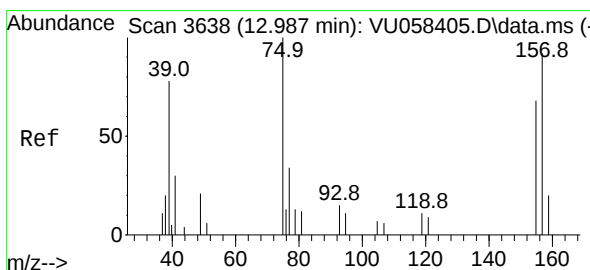
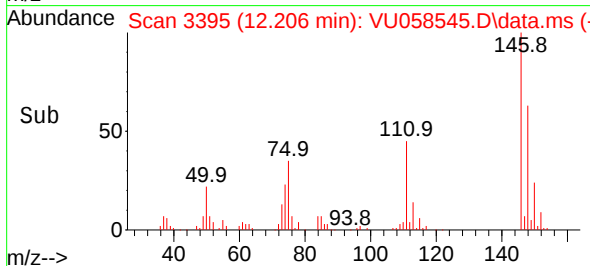
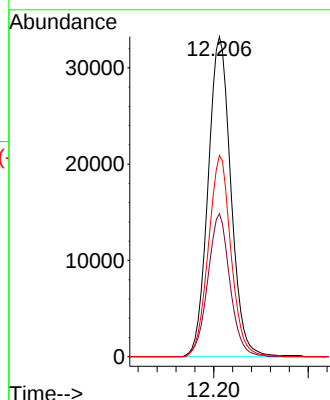
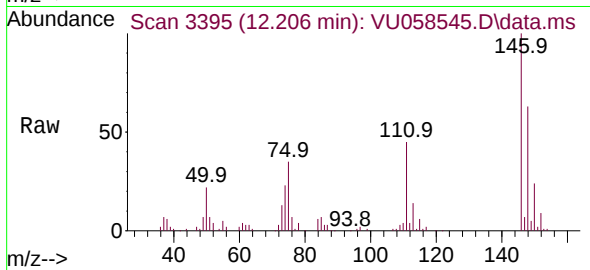
Tgt Ion:146 Resp: 55501

Ion Ratio Lower Upper

146 100

111 44.7 35.0 52.4

148 62.9 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.099 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

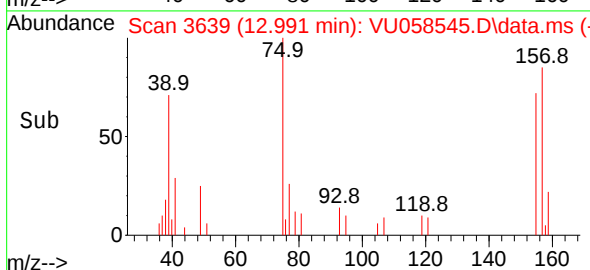
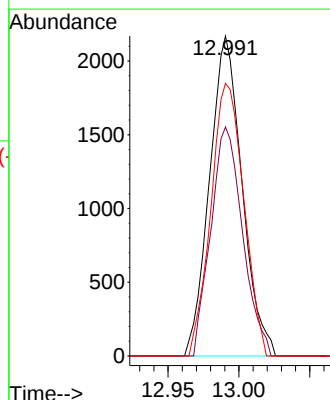
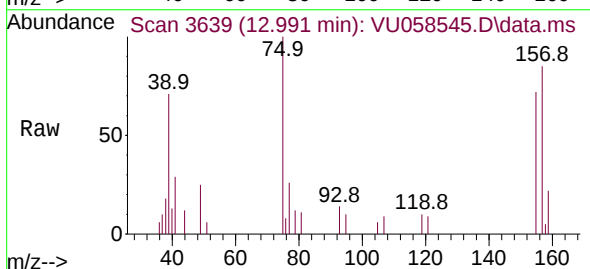
Tgt Ion: 75 Resp: 3457

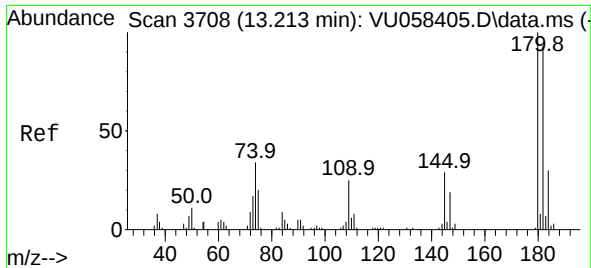
Ion Ratio Lower Upper

75 100

155 71.6 61.4 92.0

157 85.2 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.988 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

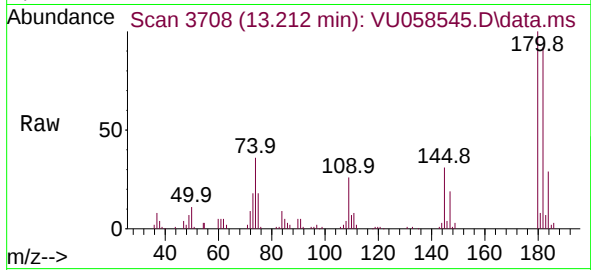
Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 42962

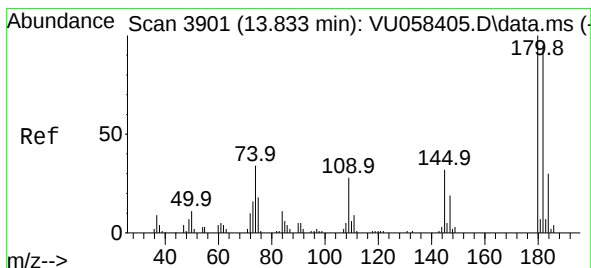
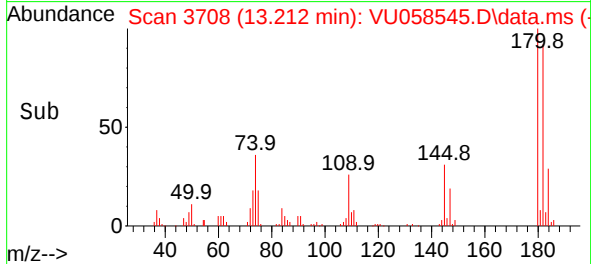
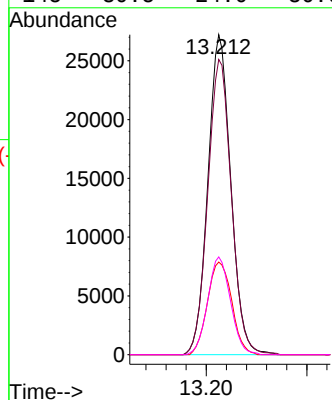
Ion Ratio Lower Upper

180 100

182 95.2 75.7 113.5

184 30.7 24.3 36.5

145 30.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.483 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058545.D

Acq: 10 Apr 2024 03:49

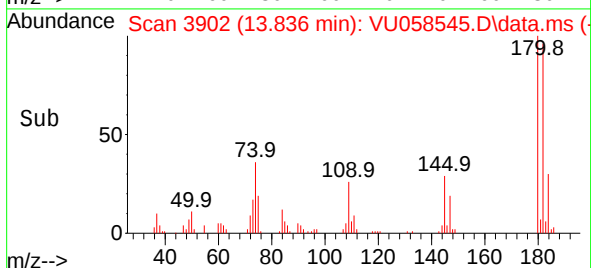
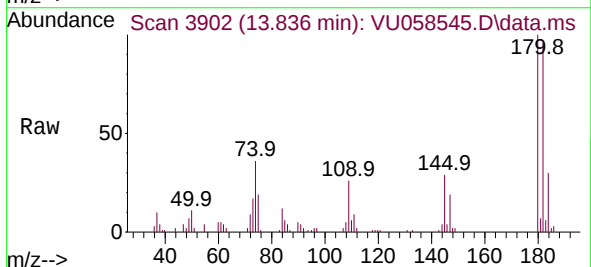
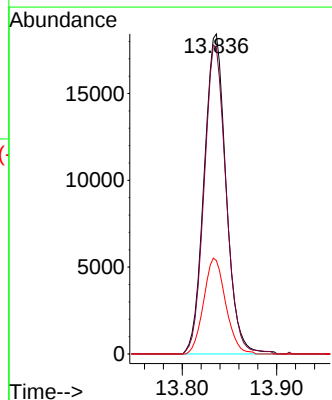
Tgt Ion:180 Resp: 29779

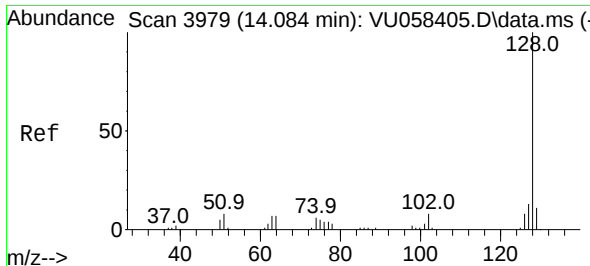
Ion Ratio Lower Upper

180 100

182 96.2 74.4 111.6

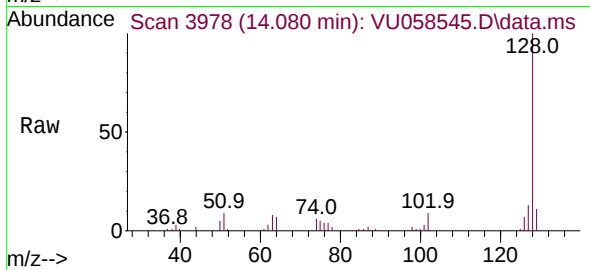
145 29.9 24.1 36.1



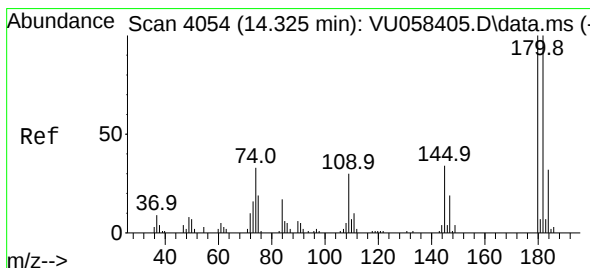
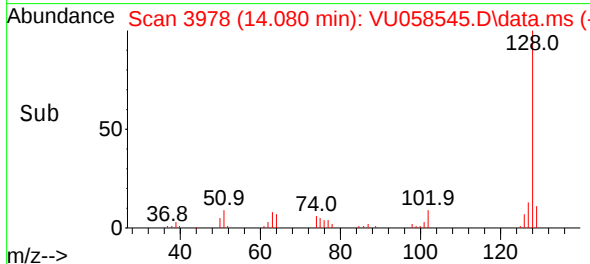
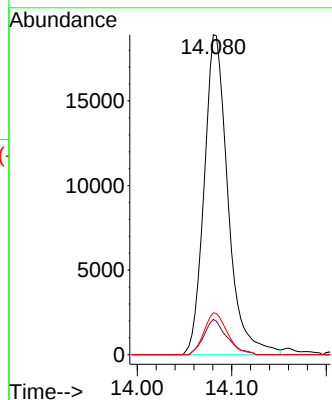


#71
Naphthalene
Concen: 3.636 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 33094
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.504 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058545.D
Acq: 10 Apr 2024 03:49

Tgt Ion:180 Resp: 24707
Ion Ratio Lower Upper
180 100
182 97.3 75.9 113.9
145 33.0 25.2 37.8

