

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060168.D
 Acq On : 24 Jul 2024 21:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	148640	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78498	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51770	5.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.911	69	47202	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	20472	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.628	46	141873	58.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.360%
24) Chloroform-d	5.055	84	107116	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	51601	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.721	84	210859	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	68579	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.891	98	191215	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	8.174	79	21665	4.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.627	63	108309	54.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58438	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	67701	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.383	85	47665	4.241	ug/L 99
3) Chloromethane	1.515	50	65132	4.798	ug/L 99
5) Vinyl chloride	1.599	62	71596	4.704	ug/L 98
6) Bromomethane	1.853	94	43937	4.435	ug/L 98
8) Chloroethane	1.930	64	44923	4.519	ug/L 99
9) Trichlorofluoromethane	2.132	101	84978	4.428	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55059	4.396	ug/L 96
12) 1,1-Dichloroethene	2.573	96	50684	4.467	ug/L 87
13) Acetone	2.644	43	95281	59.573	ug/L 97
14) Carbon disulfide	2.788	76	143084	4.331	ug/L 100
15) Methyl Acetate	2.952	43	22349	5.681	ug/L 97
16) Methylene chloride	3.039	84	129064	9.278	ug/L 94
17) Methyl tert-butyl Ether	3.357	73	134213	5.187	ug/L 96
18) trans-1,2-Dichloroethene	3.348	96	54226	4.595	ug/L 93
19) 1,1-Dichloroethane	3.862	63	114531	5.111	ug/L 98
21) 2-Butanone	4.708	43	154637	61.075	ug/L 98
22) cis-1,2-Dichloroethene	4.660	96	63819	4.828	ug/L 93
23) Bromochloromethane	4.968	128	29882	4.651	ug/L 88
25) Chloroform	5.081	83	115706	4.695	ug/L 100

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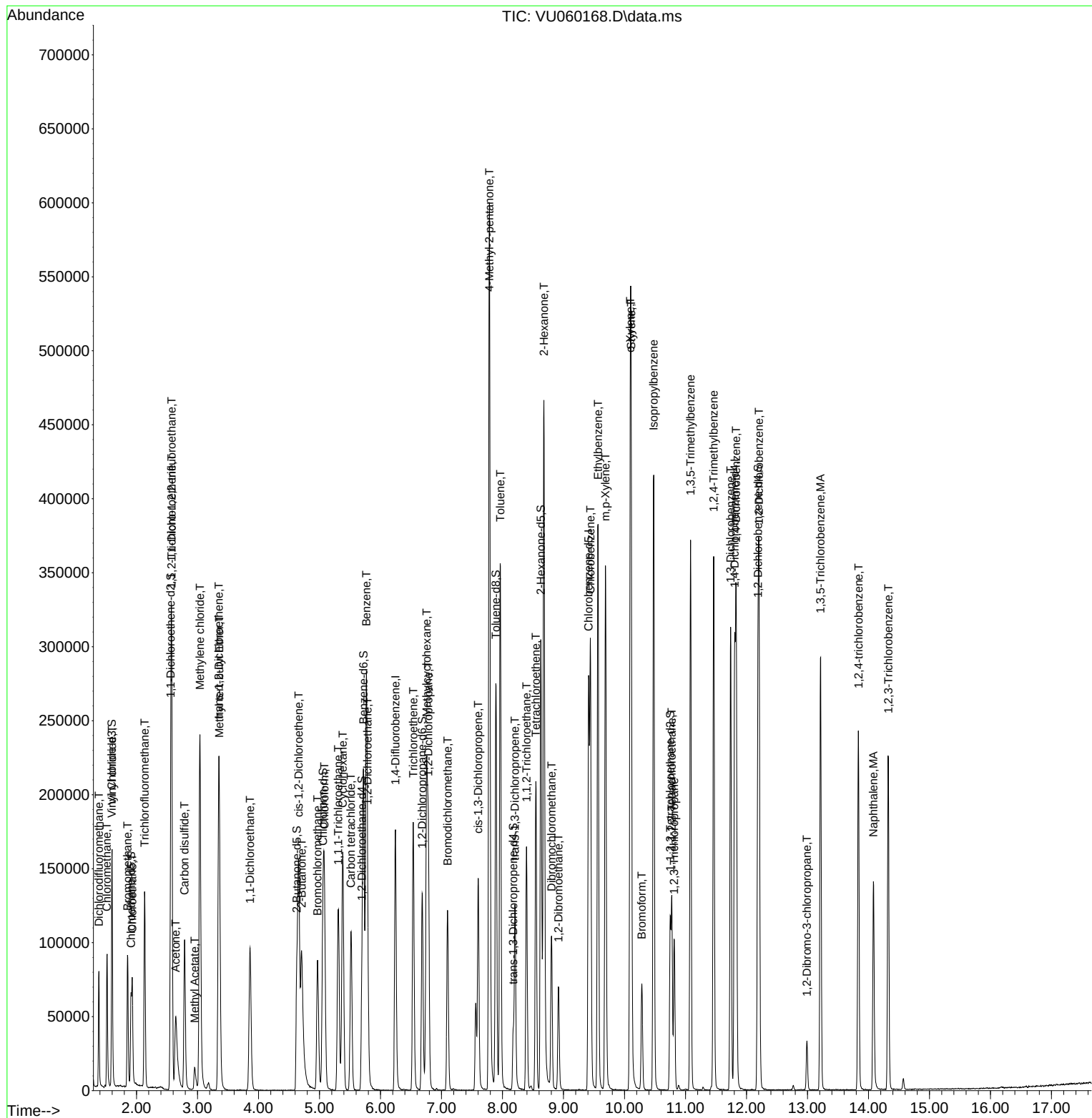
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	72432	5.142	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	90943	4.714	ug/L	98
30) Cyclohexane	5.380	56	77422	5.074	ug/L	92
31) Carbon tetrachloride	5.515	117	76030	4.568	ug/L	99
33) Benzene	5.769	78	254055	4.979	ug/L	100
34) Trichloroethene	6.537	95	63914	4.723	ug/L	95
35) Methylcyclohexane	6.756	83	80736	4.551	ug/L	94
37) 1,2-Dichloropropane	6.785	63	72772	5.279	ug/L	98
38) Bromodichloromethane	7.100	83	83532	4.836	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	90891	5.045	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	384112	62.967	ug/L	97
42) Toluene	7.965	91	276073	5.084	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	74206	4.931	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	52926	5.024	ug/L	97
47) Tetrachloroethene	8.547	164	47598	4.254	ug/L	97
48) 2-Hexanone	8.679	43	288086	64.500	ug/L	95
49) Dibromochloromethane	8.804	129	54777	4.701	ug/L	99
50) 1,2-Dibromoethane	8.917	107	47243	4.960	ug/L #	99
51) Chlorobenzene	9.441	112	167964	4.734	ug/L	97
52) Ethylbenzene	9.566	91	269317	4.973	ug/L	99
53) m,p-Xylene	9.688	106	103810	4.962	ug/L	97
54) o-Xylene	10.094	106	100324	5.014	ug/L	94
55) Styrene	10.110	104	177098	5.200	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	65064	5.049	ug/L	97
59) Bromoform	10.283	173	34027	4.770	ug/L	99
60) Isopropylbenzene	10.479	105	266779	5.196	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44412	5.366	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	202122	5.152	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	197664	5.214	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	132415	4.793	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	132482	4.711	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	123858	4.684	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	9049	5.610	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	93712	4.494	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	76966	4.850	ug/L	99
71) Naphthalene	14.081	128	120379	5.354	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71479	5.008	ug/L	99

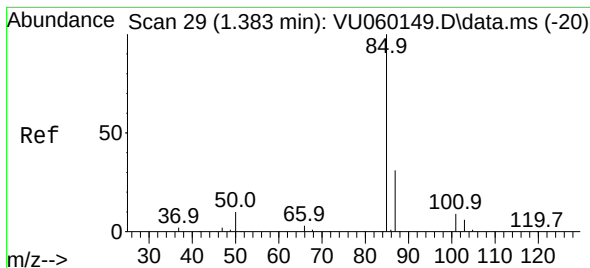
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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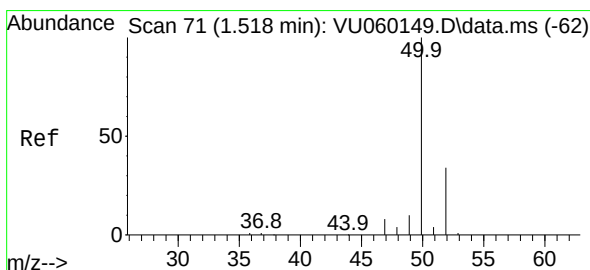
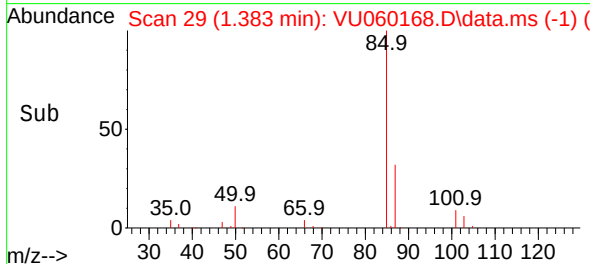
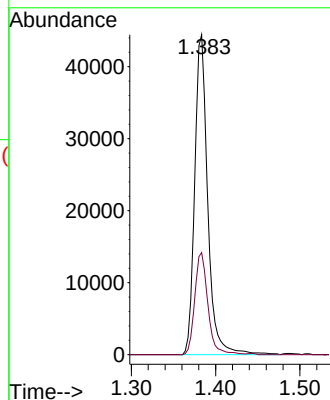
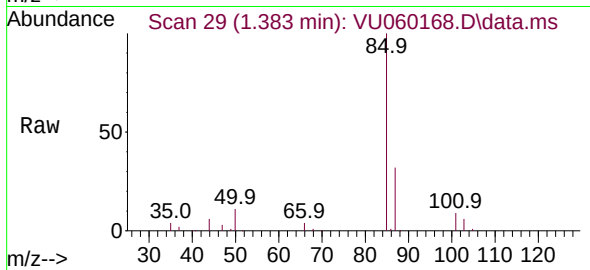




#2
 Dichlorodifluoromethane
 Concen: 4.241 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060168.D
 Acq: 24 Jul 2024 21:02

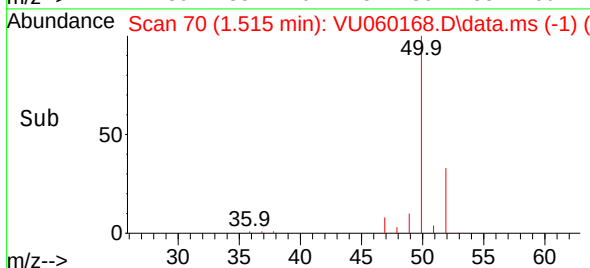
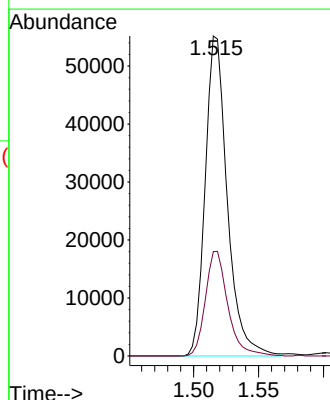
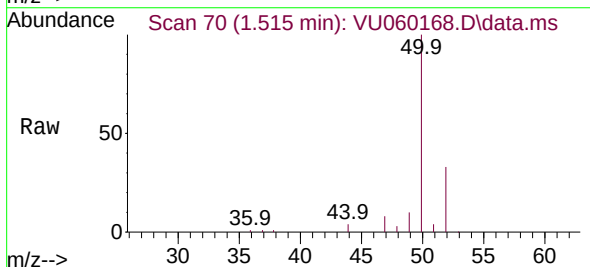
Instrument :
 MSVOA_U
 ClientSampleId :

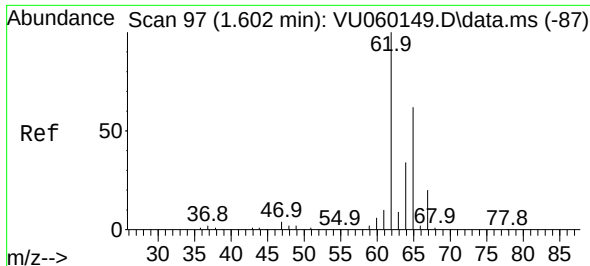
Tgt Ion: 85 Resp: 47665
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 4.798 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060168.D
 Acq: 24 Jul 2024 21:02

Tgt Ion: 50 Resp: 65132
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4

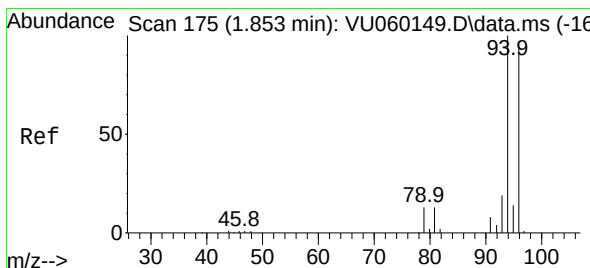
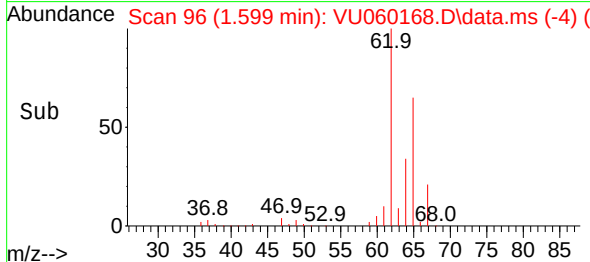
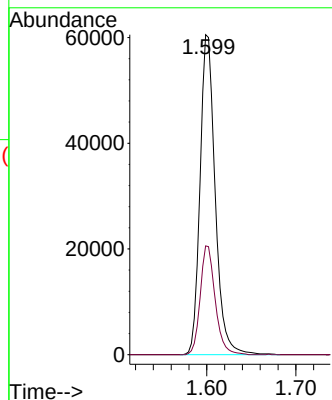
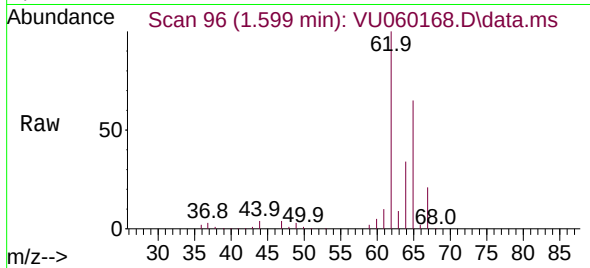




#5
 Vinyl chloride
 Concen: 4.704 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060168.D
 Acq: 24 Jul 2024 21:02

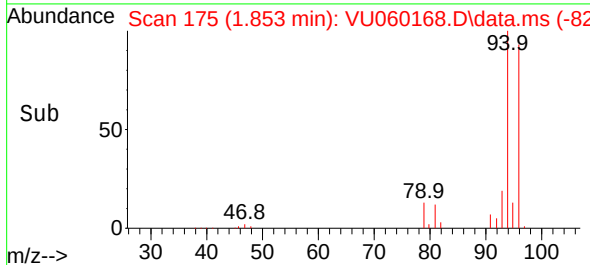
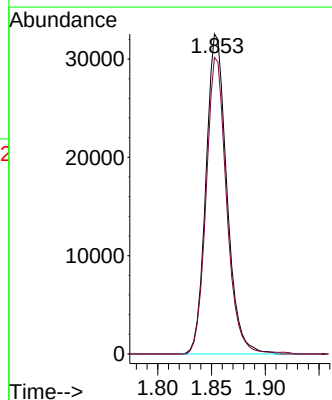
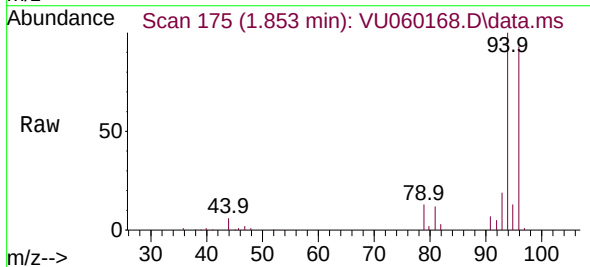
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 ClientSampleId :

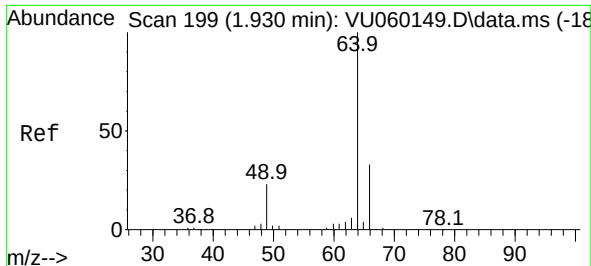
Tgt Ion: 62 Resp: 71596
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.435 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060168.D
 Acq: 24 Jul 2024 21:02

Tgt Ion: 94 Resp: 43937
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.6 123.6





#8

Chloroethane

Concen: 4.519 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

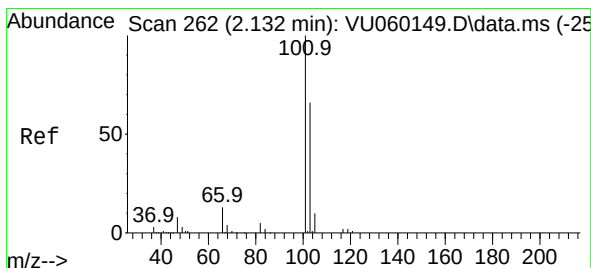
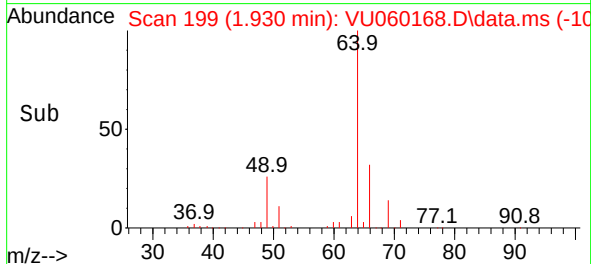
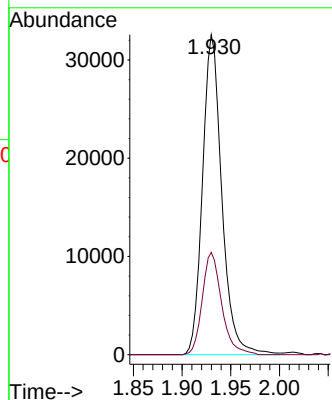
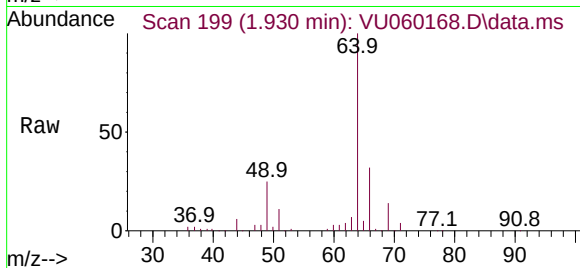
ClientSampleId :

Tgt Ion: 64 Resp: 44923

Ion Ratio Lower Upper

64 100

66 32.0 22.8 42.4



#9

Trichlorofluoromethane

Concen: 4.428 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU060168.D

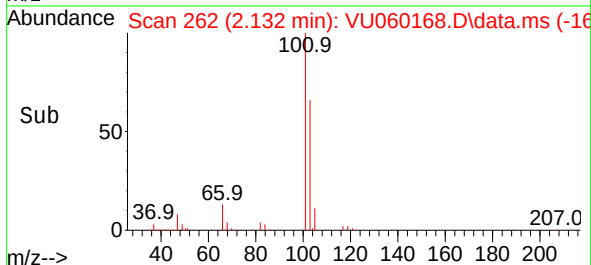
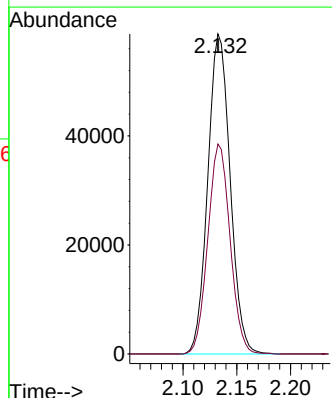
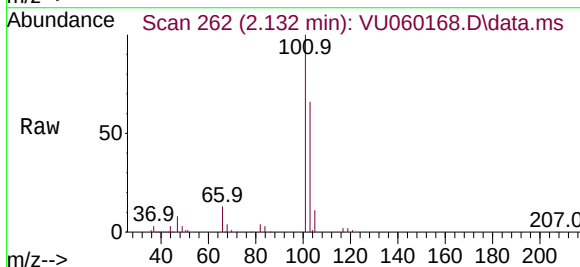
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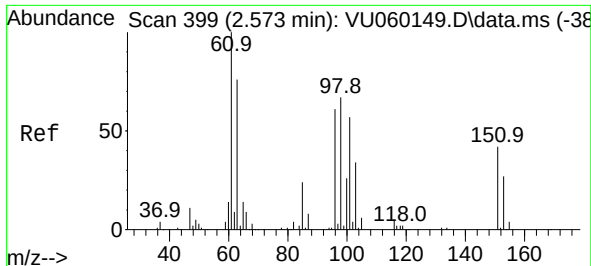
Tgt Ion:101 Resp: 84978

Ion Ratio Lower Upper

101 100

103 65.3 51.4 77.2

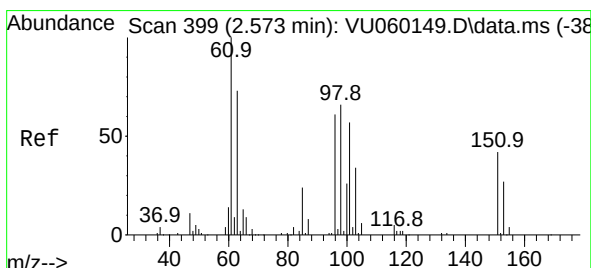
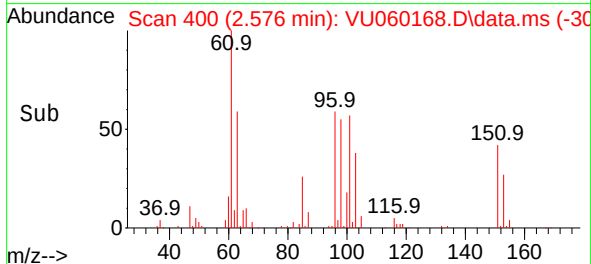
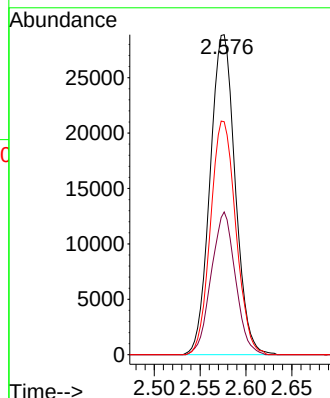
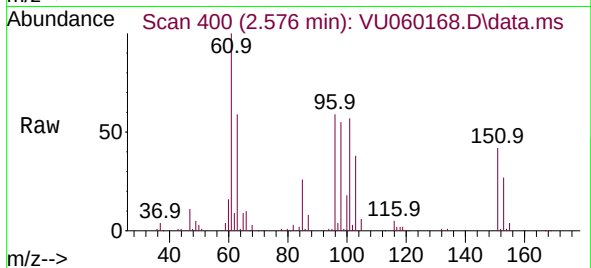




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.396 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060168.D
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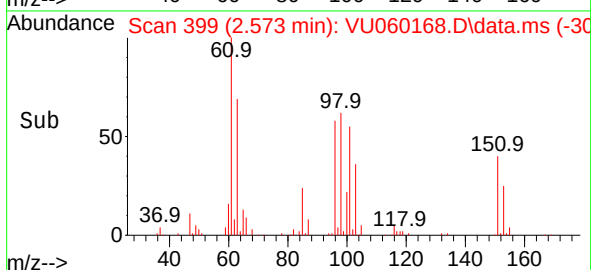
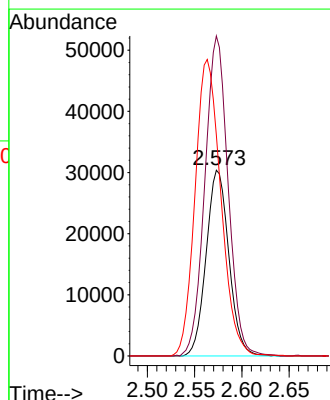
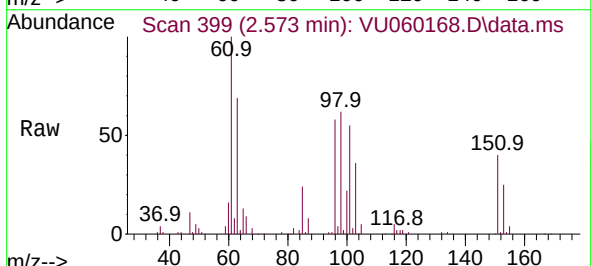
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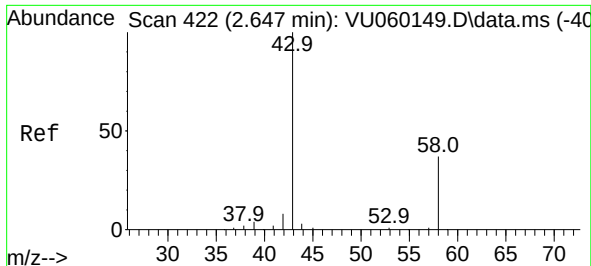
Tgt Ion:101 Resp: 55059
Ion Ratio Lower Upper
101 100
85 43.0 33.2 49.8
151 73.5 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.467 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060168.D
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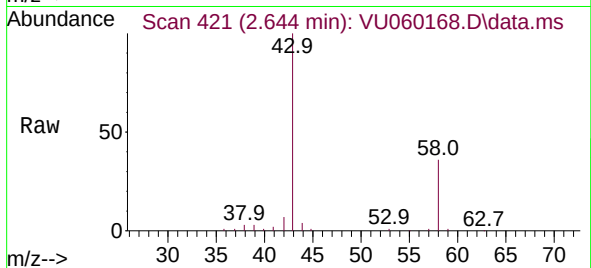
Tgt Ion: 96 Resp: 50684
Ion Ratio Lower Upper
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61 172.2 107.0 198.6
63 118.9 76.4 142.0



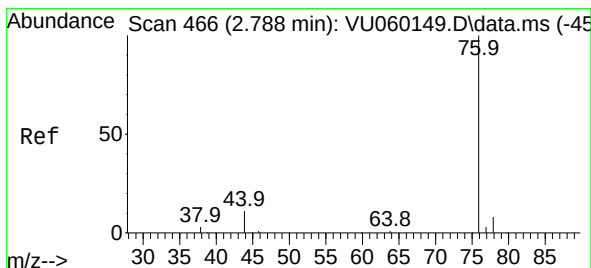
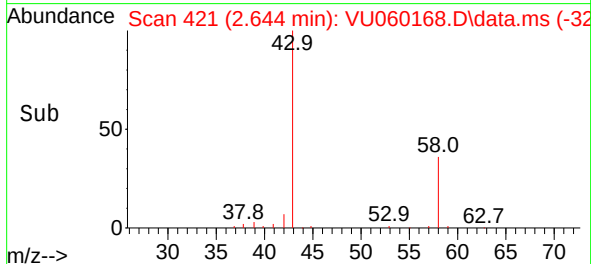
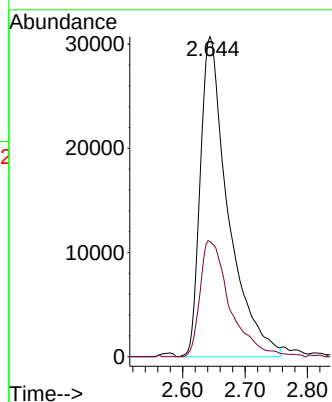


#13
Acetone
Concen: 59.573 ug/L
RT: 2.644 min Scan# 421
Delta R.T. -0.003 min
Lab File: VU060168.D
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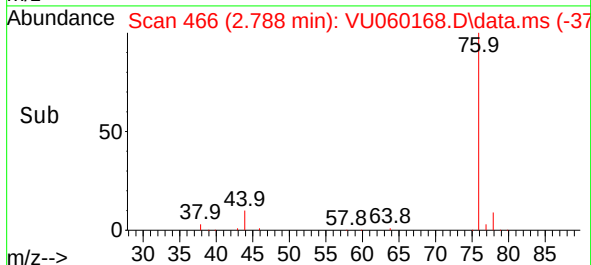
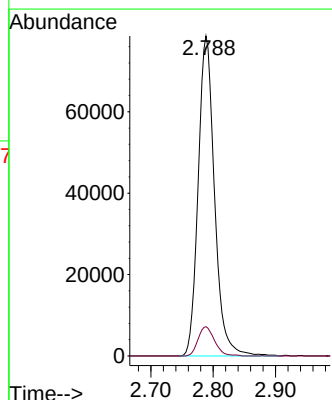
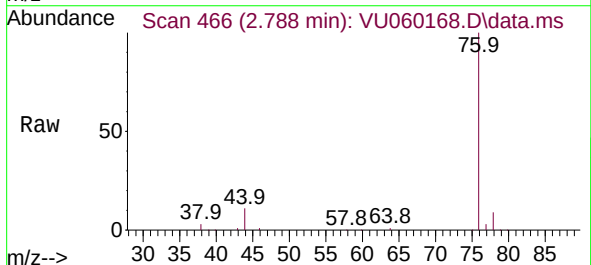


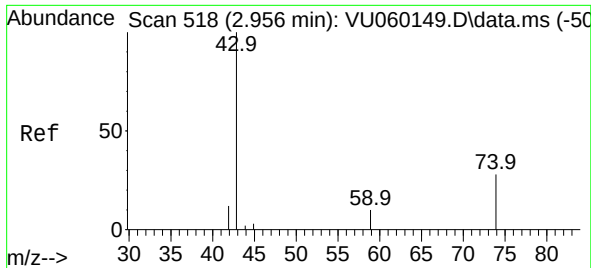
Tgt Ion: 43 Resp: 95281
Ion Ratio Lower Upper
43 100
58 39.0 0.0 82.2



#14
Carbon disulfide
Concen: 4.331 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 76 Resp: 143084
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.681 ug/L

RT: 2.952 min Scan# 518

Delta R.T. -0.003 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

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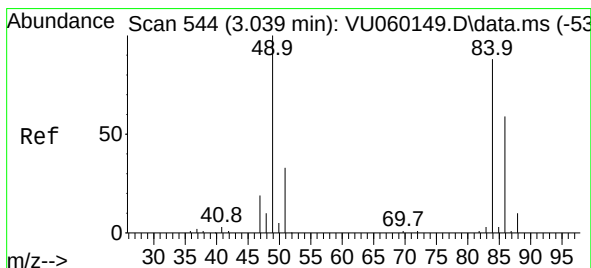
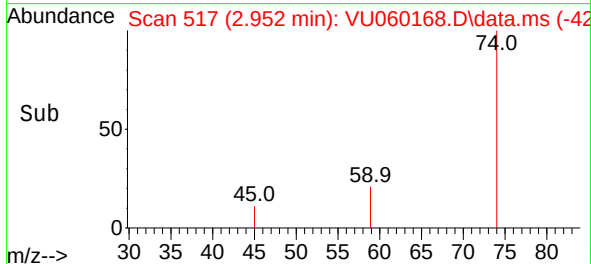
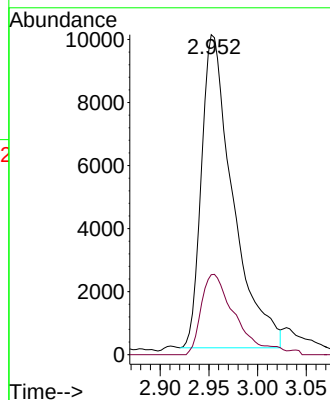
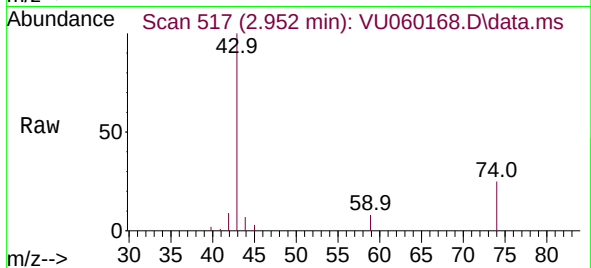
ClientSampleId :

Tgt Ion: 43 Resp: 22349

Ion Ratio Lower Upper

43 100

74 27.9 23.5 35.3



#16

Methylene chloride

Concen: 9.278 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

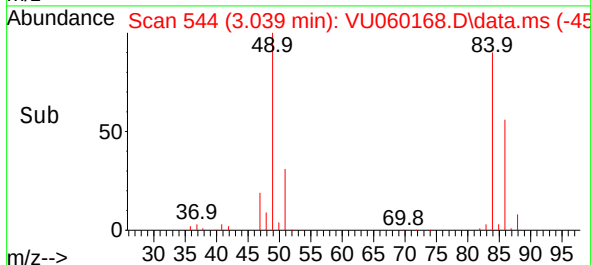
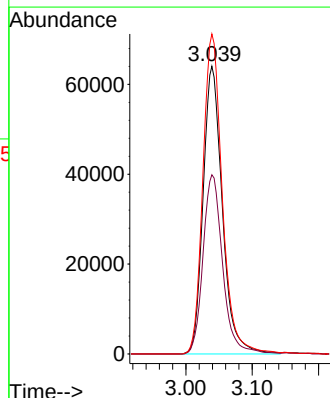
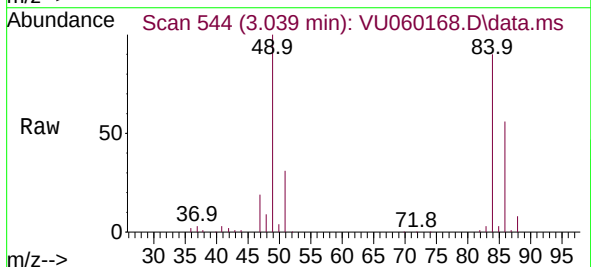
Tgt Ion: 84 Resp: 129064

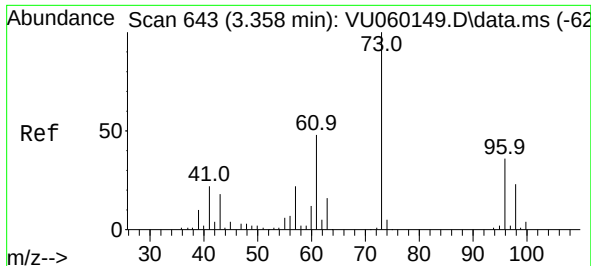
Ion Ratio Lower Upper

84 100

86 62.3 44.4 82.5

49 111.2 72.0 133.6

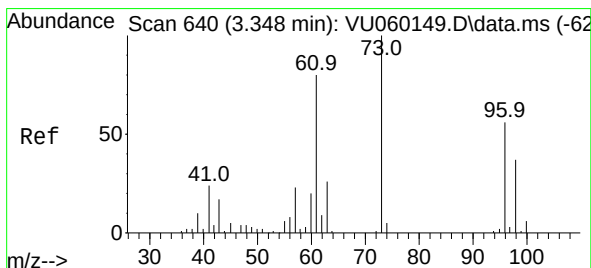
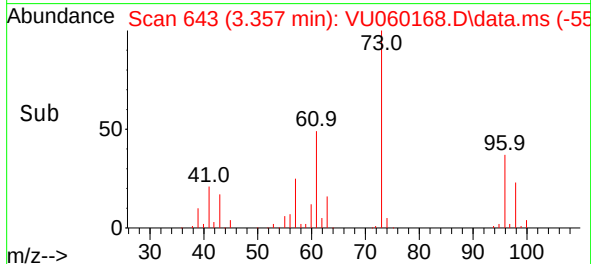
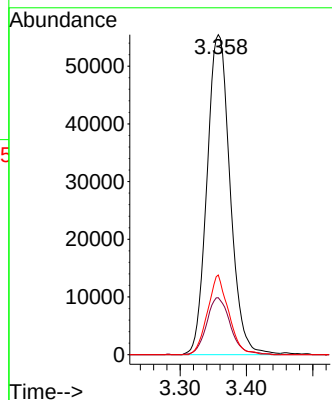
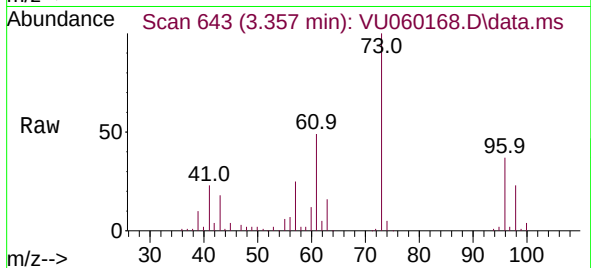




#17
Methyl tert-butyl Ether
Concen: 5.187 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

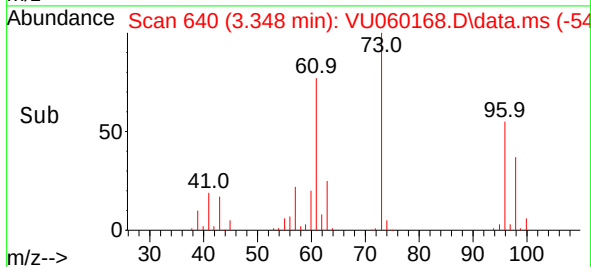
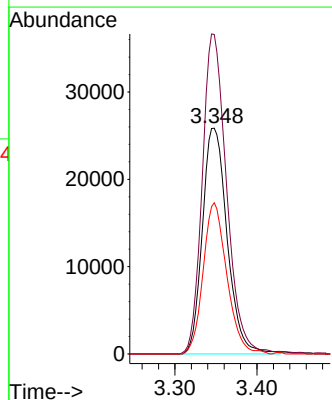
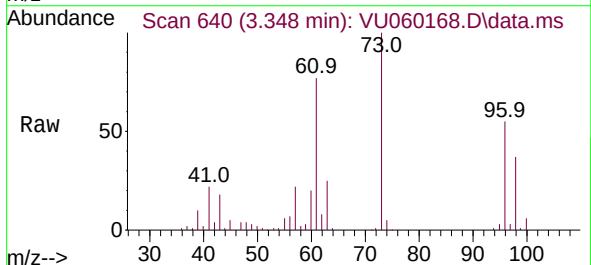
Instrument :
MSVOA_U
ClientSampleId :

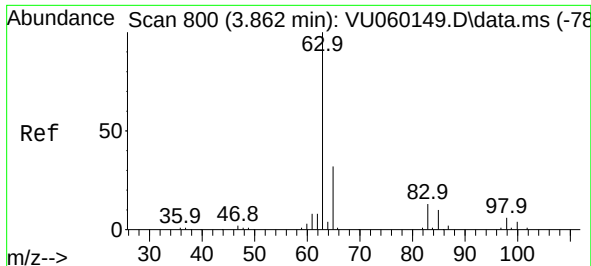
Tgt Ion: 73 Resp: 134213
Ion Ratio Lower Upper
73 100
43 18.3 13.1 19.7
57 22.8 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.595 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

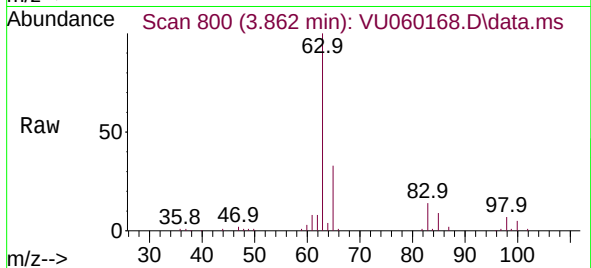
Tgt Ion: 96 Resp: 54226
Ion Ratio Lower Upper
96 100
61 141.6 91.6 170.0
98 67.0 47.7 88.5



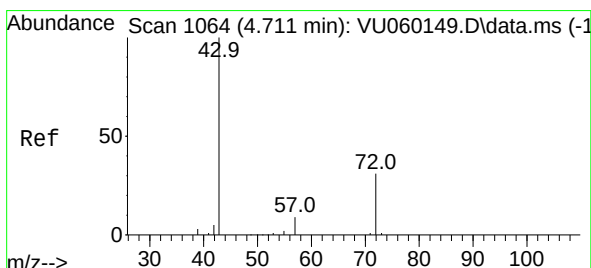
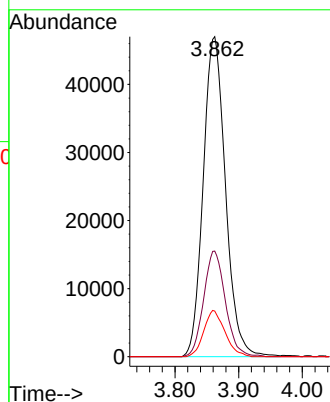
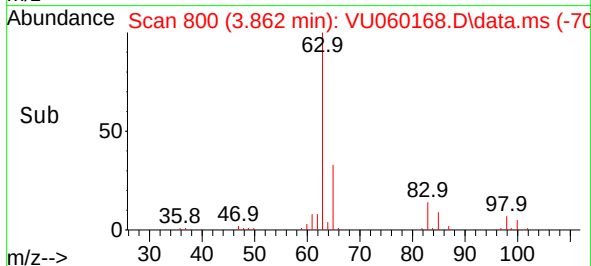


#19
1,1-Dichloroethane
Concen: 5.111 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

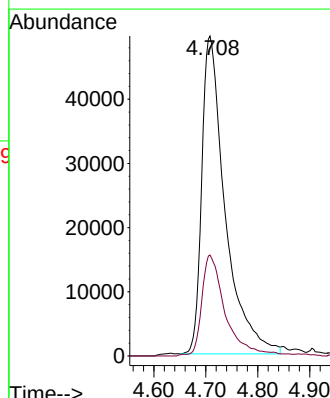
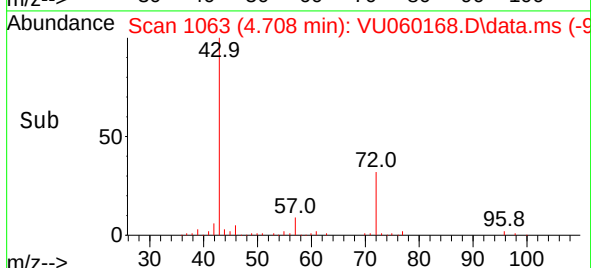
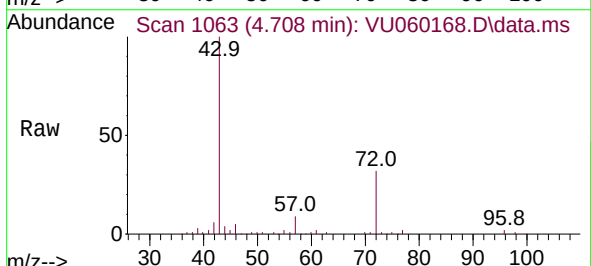


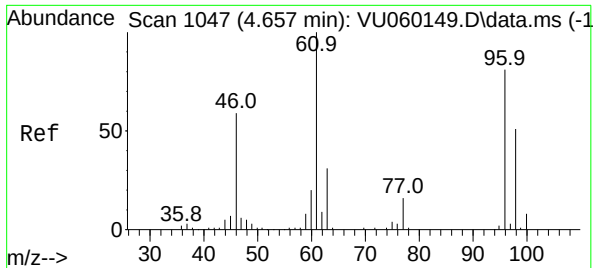
Tgt Ion: 63 Resp: 114531
Ion Ratio Lower Upper
63 100
65 33.0 22.0 40.8
83 14.2 9.7 17.9



#21
2-Butanone
Concen: 61.075 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 43 Resp: 154637
Ion Ratio Lower Upper
43 100
72 31.5 16.3 48.9

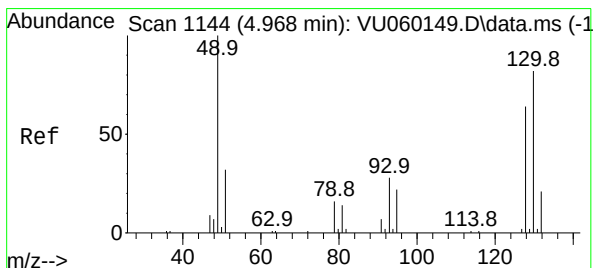
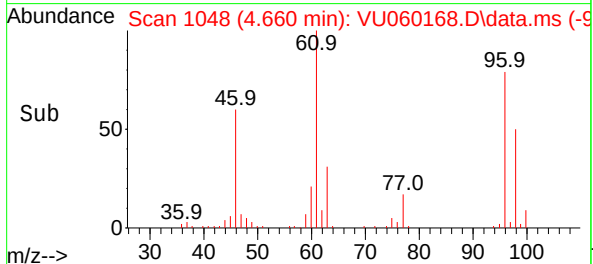
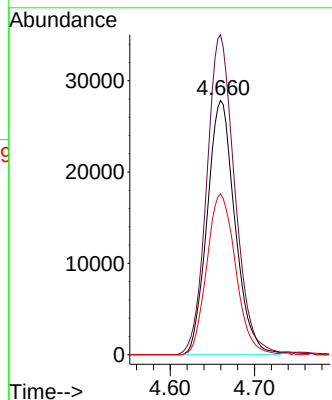
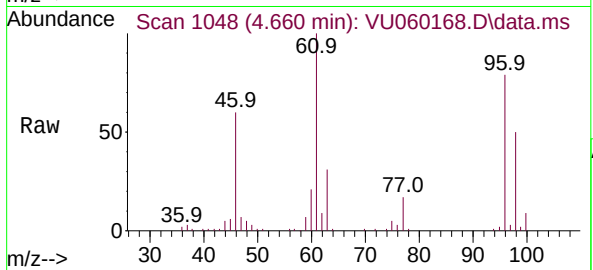




#22
cis-1,2-Dichloroethene
Concen: 4.828 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

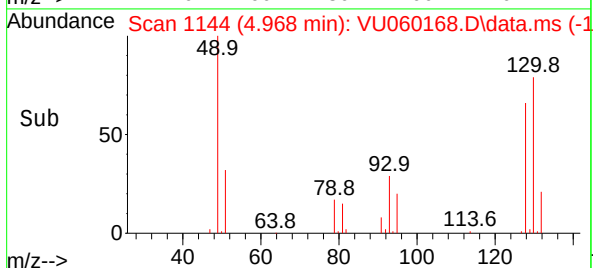
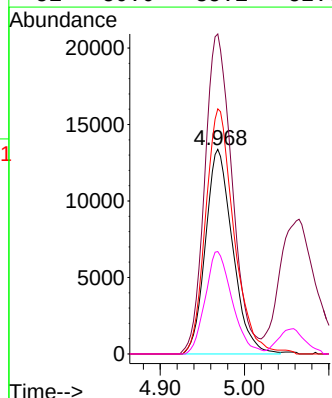
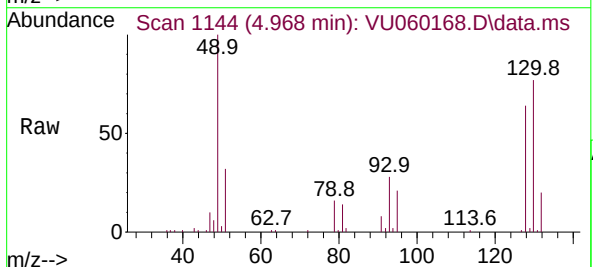
Instrument :
MSVOA_U
ClientSampleId :

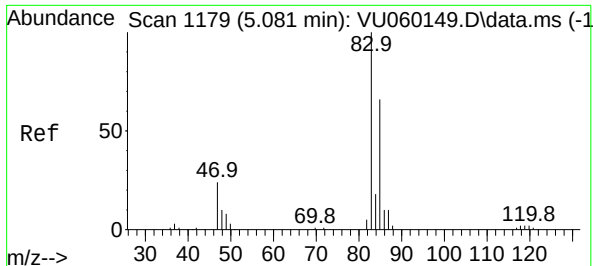
Tgt Ion: 96 Resp: 63819
Ion Ratio Lower Upper
96 100
61 125.8 80.2 148.9
98 63.3 44.7 83.1



#23
Bromochloromethane
Concen: 4.651 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion:128 Resp: 29882
Ion Ratio Lower Upper
128 100
49 156.4 92.3 171.3
130 119.8 87.1 161.7
51 50.0 35.1 52.7

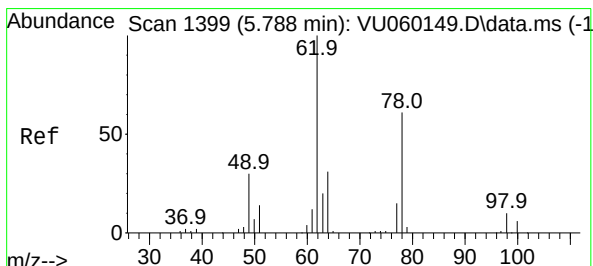
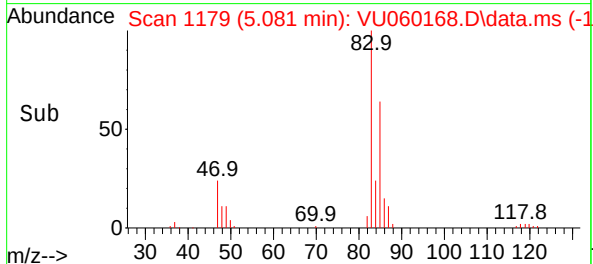
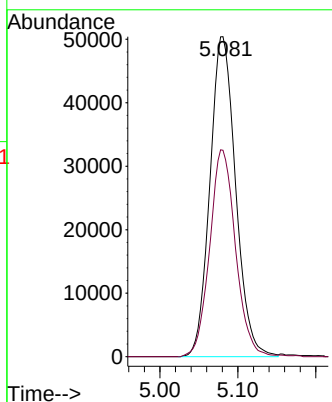
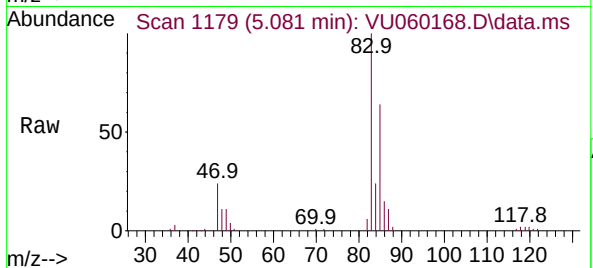




#25
Chloroform
Concen: 4.695 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

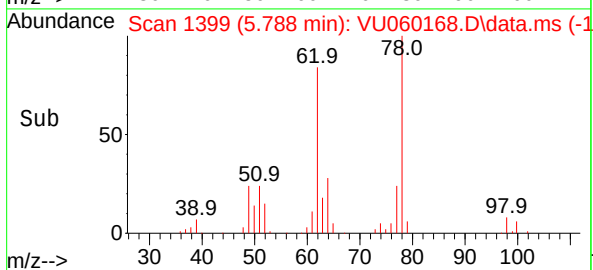
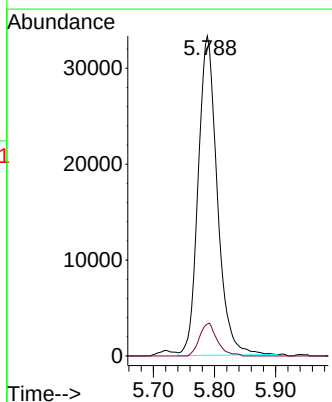
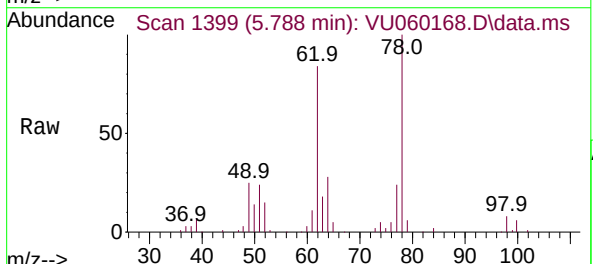
Instrument :
MSVOA_U
ClientSampleId :

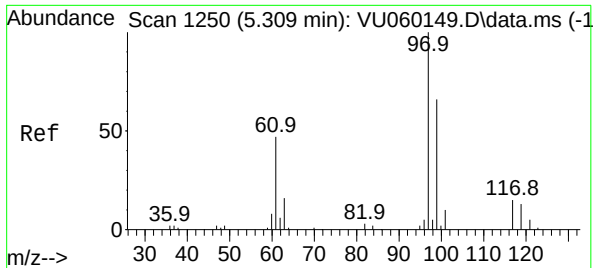
Tgt Ion: 83 Resp: 115706
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.142 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 62 Resp: 72432
Ion Ratio Lower Upper
62 100
98 10.0 7.9 11.9

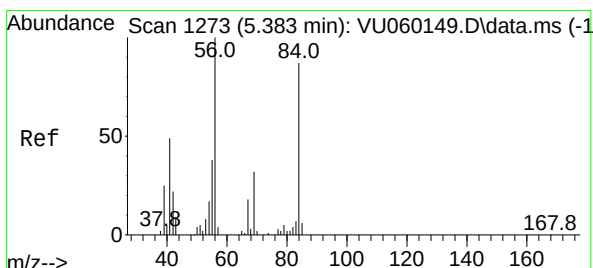
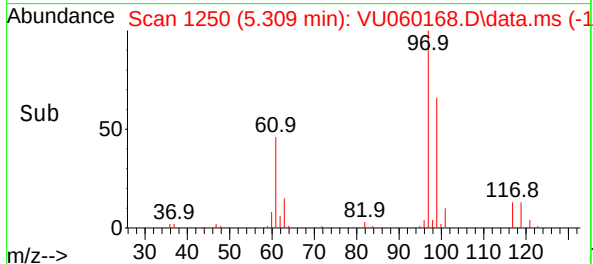
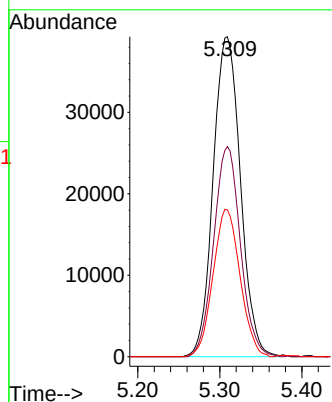
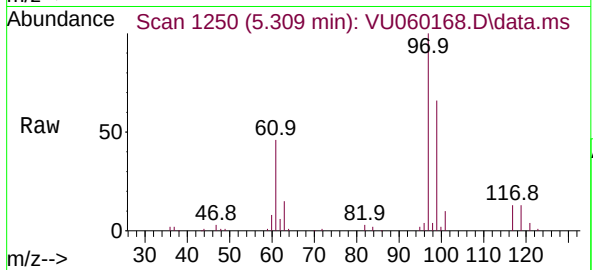




#29
1,1,1-Trichloroethane
Concen: 4.714 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

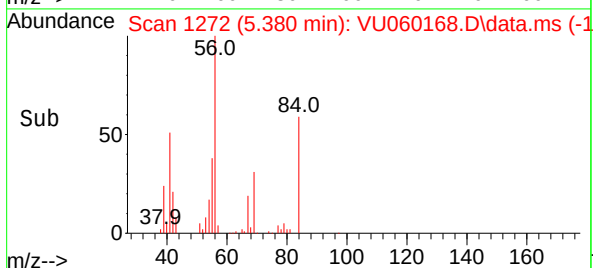
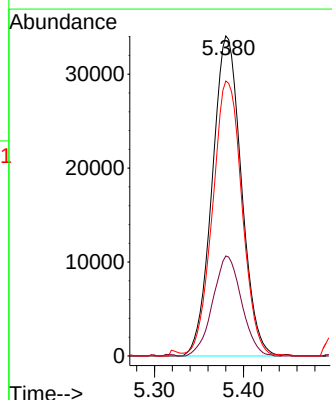
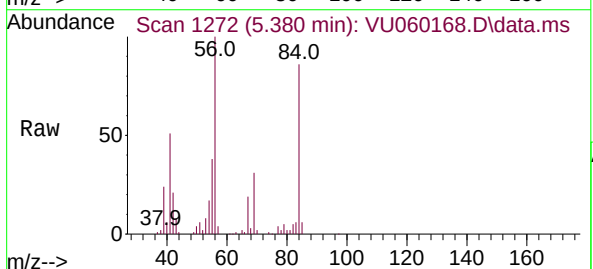
Instrument :
MSVOA_U
ClientSampleId :

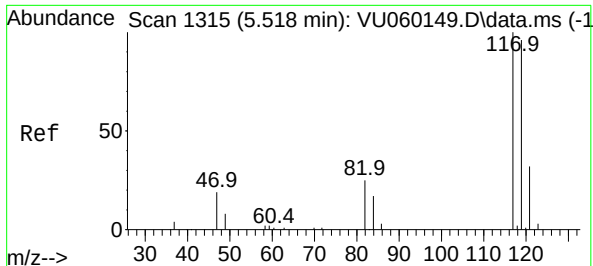
Tgt Ion: 97	Resp: 90943
Ion Ratio	Lower Upper
97 100	
99 64.4	51.0 76.4
61 45.6	34.1 51.1



#30
Cyclohexane
Concen: 5.074 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 56	Resp: 77422
Ion Ratio	Lower Upper
56 100	
69 30.8	26.6 39.8
84 87.0	77.2 115.8

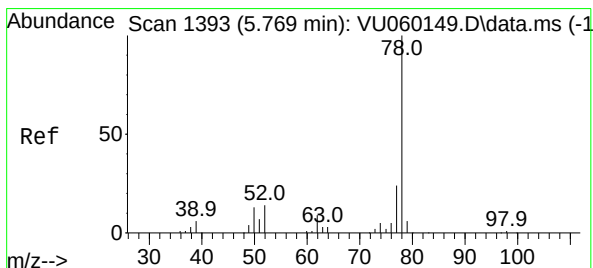
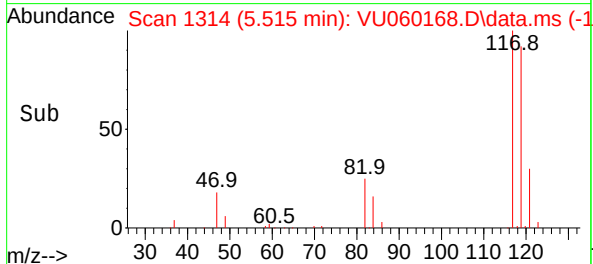
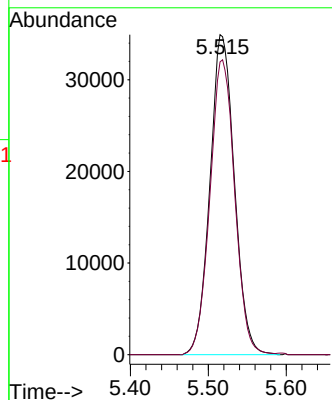
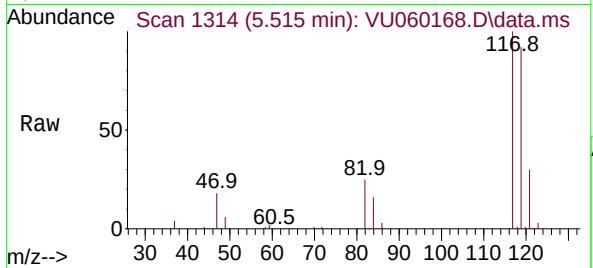




#31
Carbon tetrachloride
Concen: 4.568 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

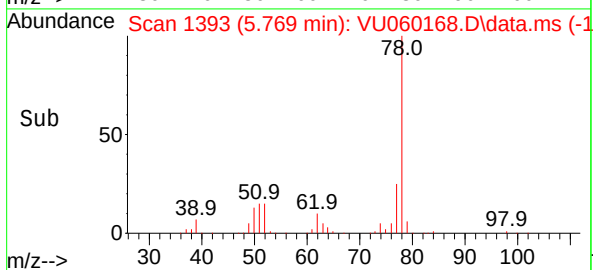
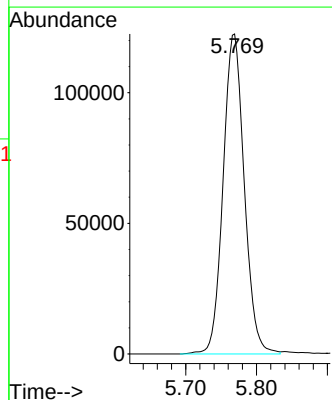
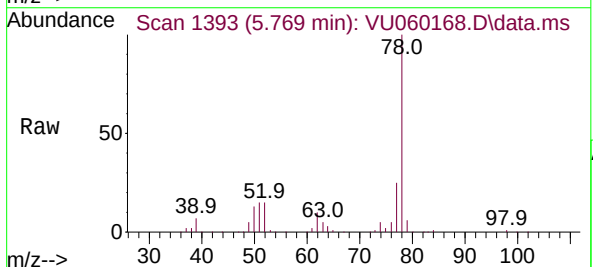
Instrument :
MSVOA_U
ClientSampleId :

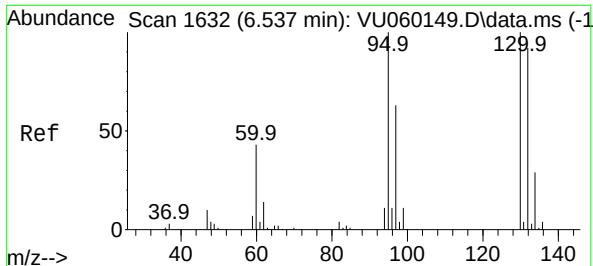
Tgt Ion:117 Resp: 76030
Ion Ratio Lower Upper
117 100
119 93.5 75.6 113.4



#33
Benzene
Concen: 4.979 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

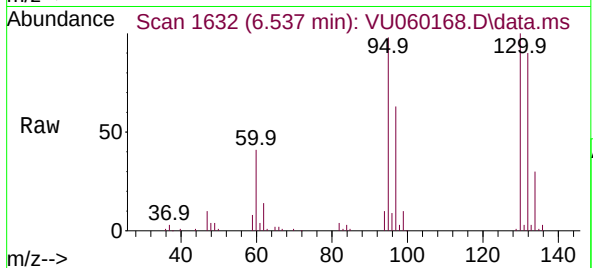
Tgt Ion: 78 Resp: 254055



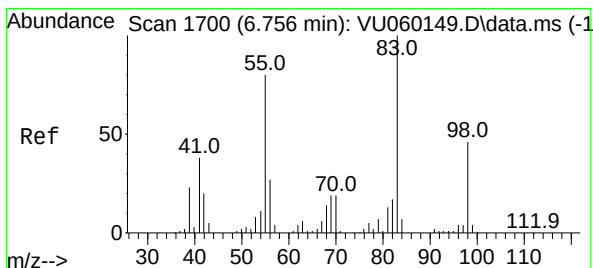
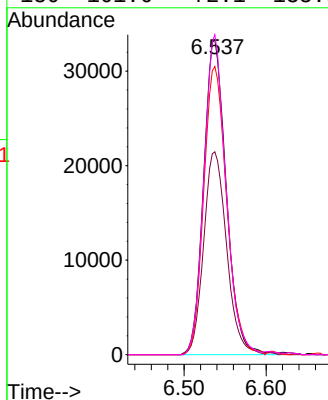
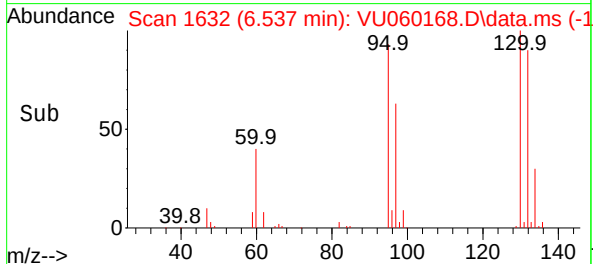


#34
Trichloroethene
Concen: 4.723 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

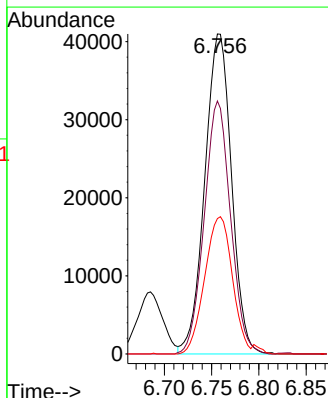
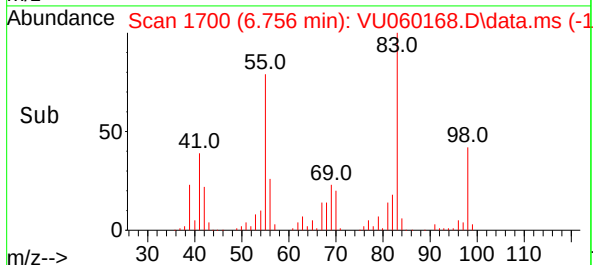
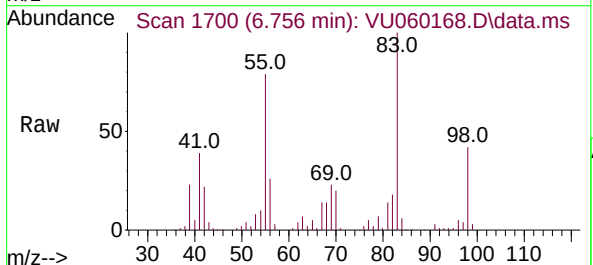


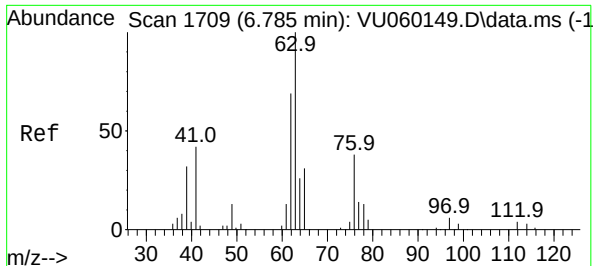
Tgt Ion: 95 Resp: 63914
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 91.5 71.4 132.6
130 101.6 72.1 133.9



#35
Methylcyclohexane
Concen: 4.551 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 83 Resp: 80736
Ion Ratio Lower Upper
83 100
55 77.6 56.7 85.1
98 44.2 36.6 55.0

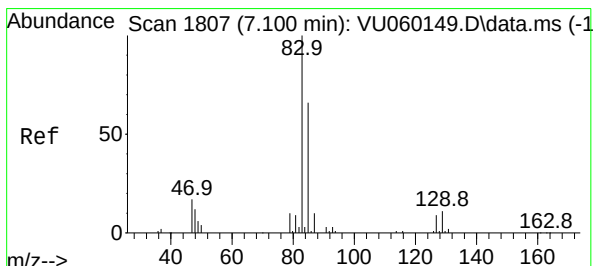
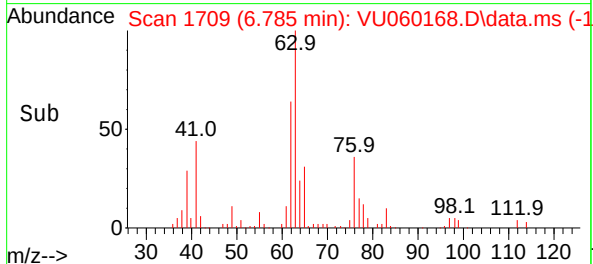
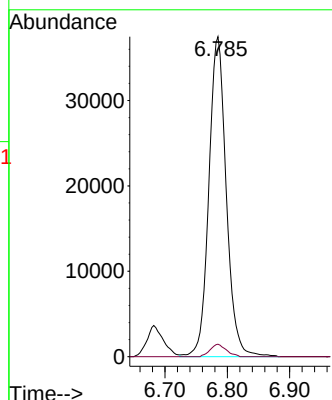
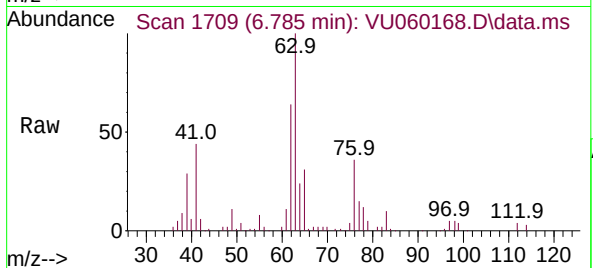




#37
1,2-Dichloropropane
Concen: 5.279 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

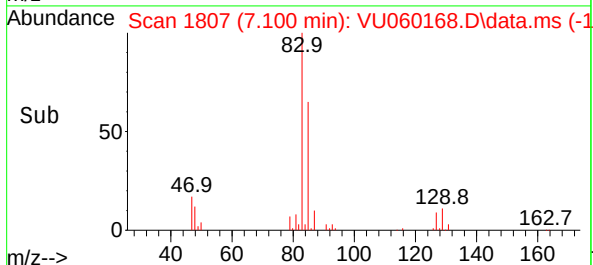
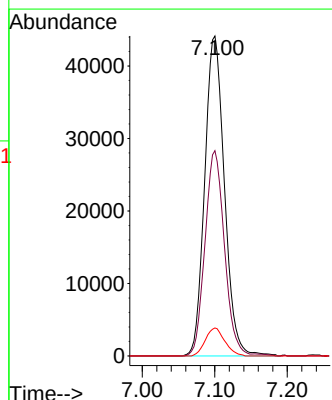
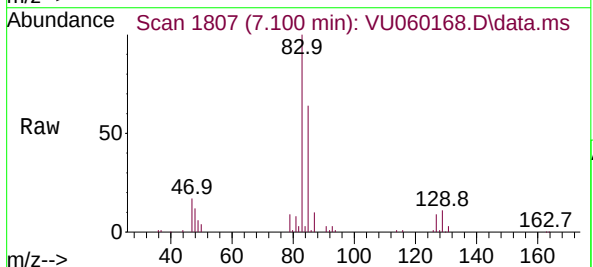
Instrument :
MSVOA_U
ClientSampleId :

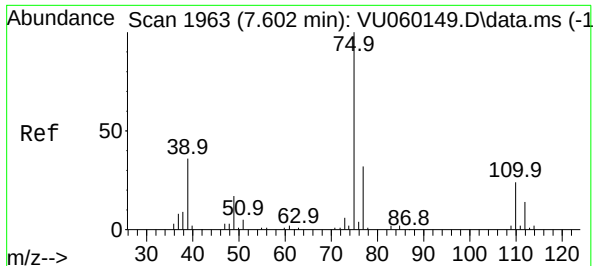
Tgt Ion: 63 Resp: 72772
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 4.836 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 83 Resp: 83532
Ion Ratio Lower Upper
83 100
85 64.2 43.5 80.7
127 8.7 7.1 10.7

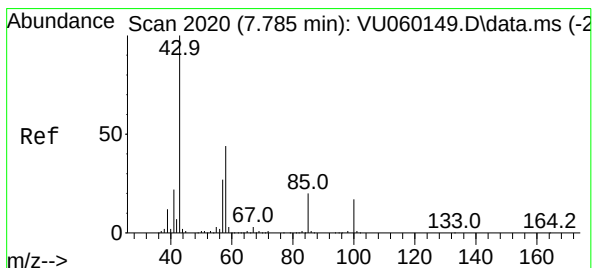
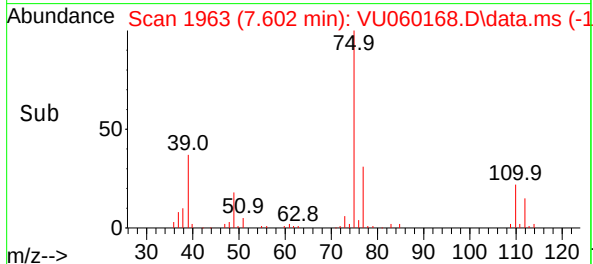
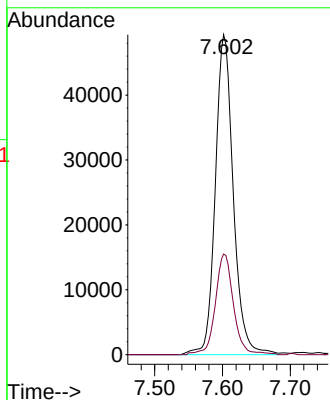
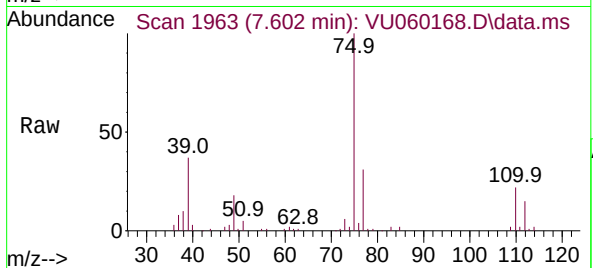




#39
 cis-1,3-Dichloropropene
 Concen: 5.045 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060168.D
 Acq: 24 Jul 2024 21:02

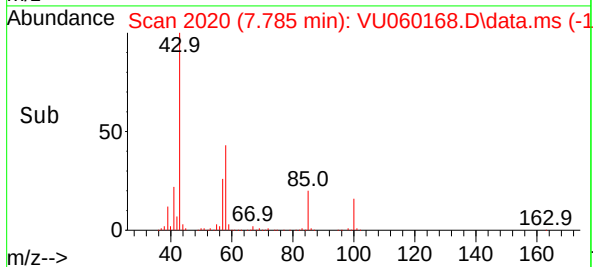
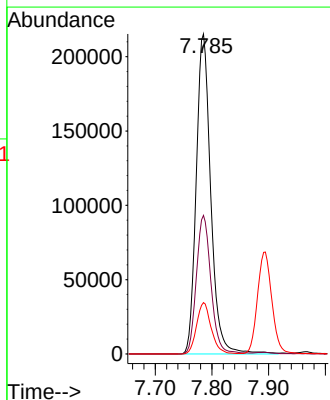
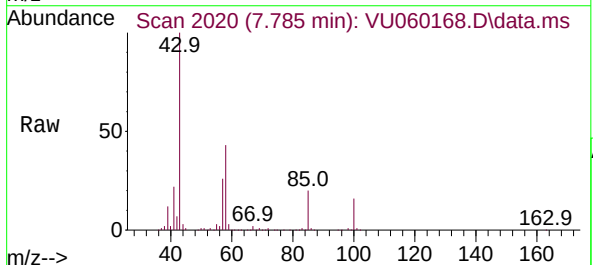
Instrument :
 MSVOA_U
 ClientSampleId :

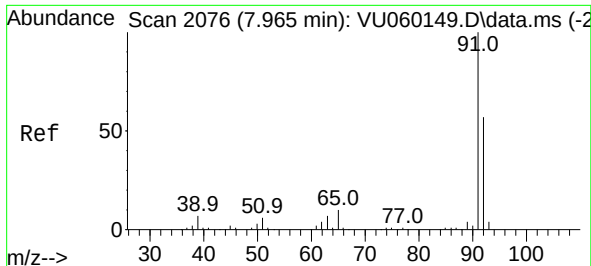
Tgt Ion: 75 Resp: 90891
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 62.967 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060168.D
 Acq: 24 Jul 2024 21:02

Tgt Ion: 43 Resp: 384112
 Ion Ratio Lower Upper
 43 100
 58 43.4 36.0 54.0
 100 16.1 14.9 22.3





#42

Toluene

Concen: 5.084 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

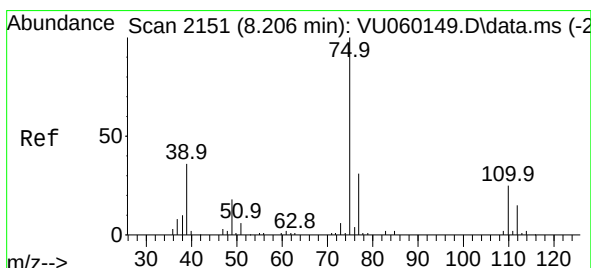
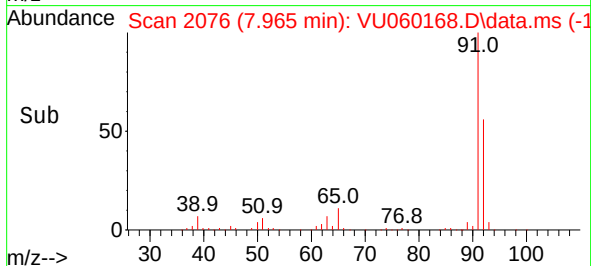
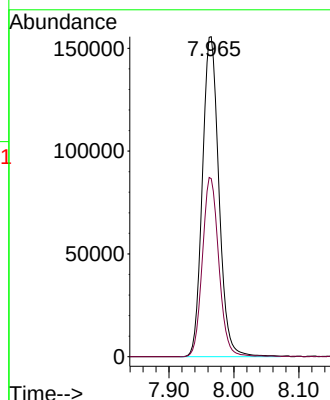
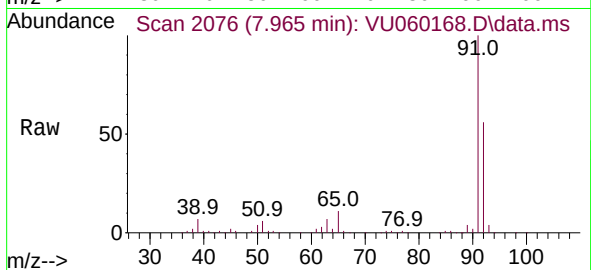
ClientSampleId :

Tgt Ion: 91 Resp: 276073

Ion Ratio Lower Upper

91 100

92 55.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.931 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060168.D

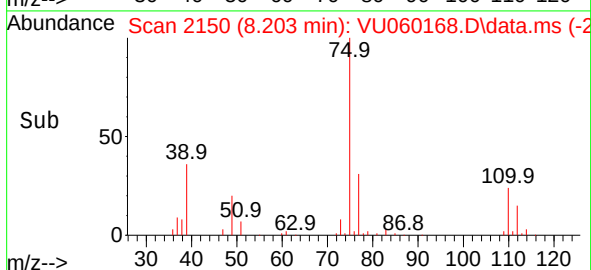
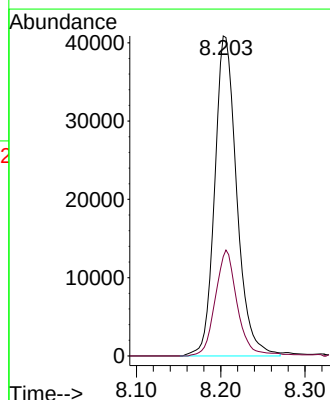
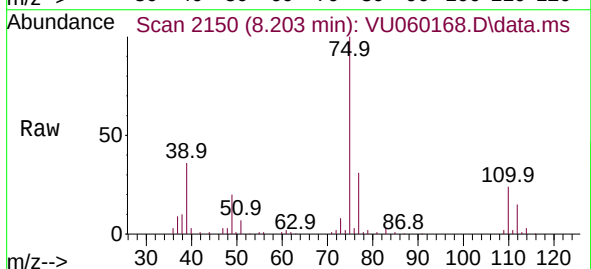
Acq: 24 Jul 2024 21:02

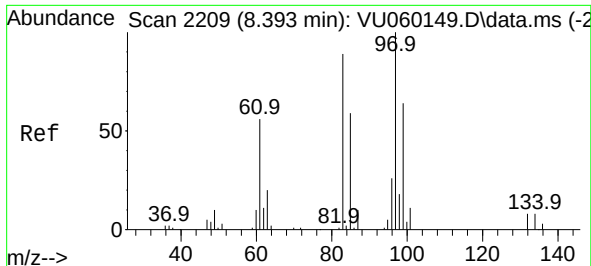
Tgt Ion: 75 Resp: 74206

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0

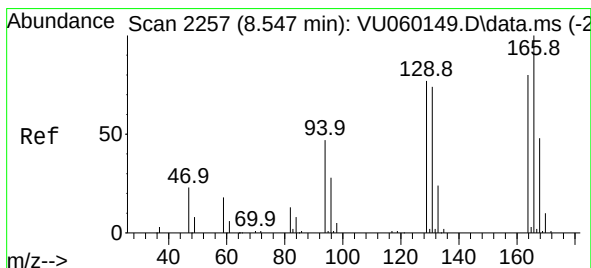
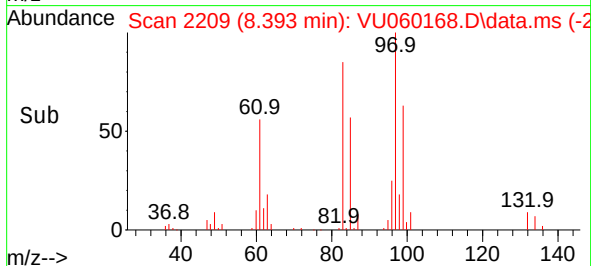
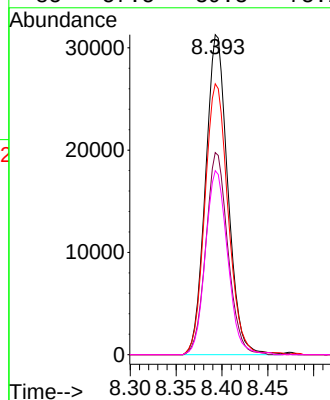
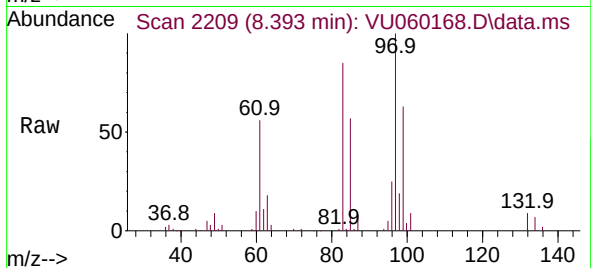




#45
1,1,2-Trichloroethane
Concen: 5.024 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

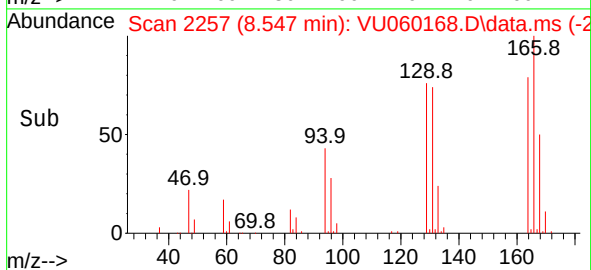
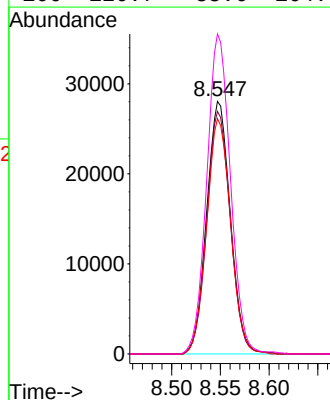
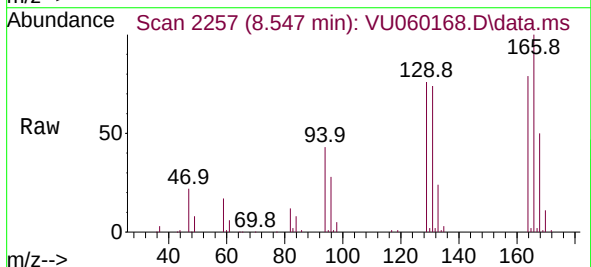
Instrument :
MSVOA_U
ClientSampleId :

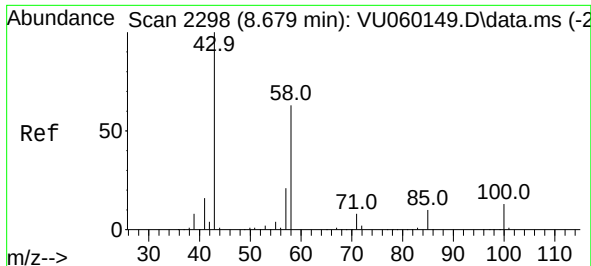
Tgt Ion:	97	Resp:	52926
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.4
83	84.7	62.1	115.3
85	57.5	39.3	73.1



#47
Tetrachloroethene
Concen: 4.254 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

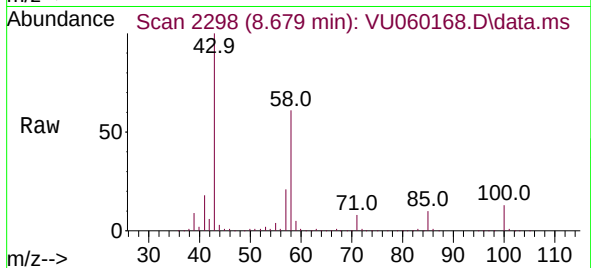
Tgt Ion:	164	Resp:	47598
Ion	Ratio	Lower	Upper
164	100		
129	96.0	64.6	120.0
131	93.2	61.2	113.8
166	126.7	88.6	164.6



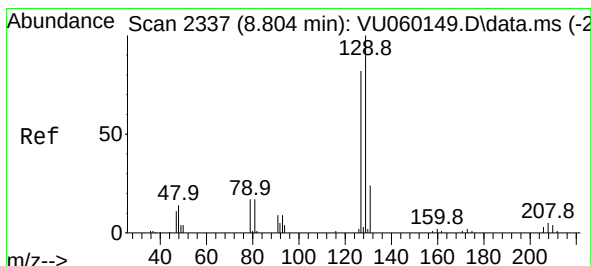
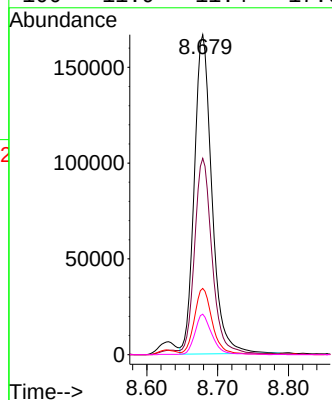
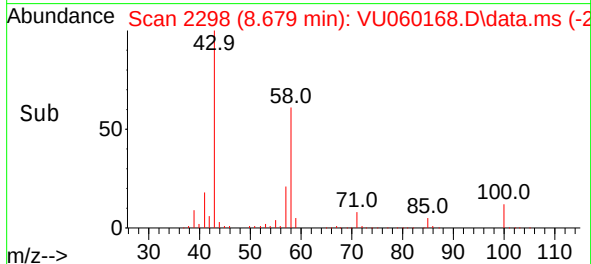


#48
2-Hexanone
Concen: 64.500 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

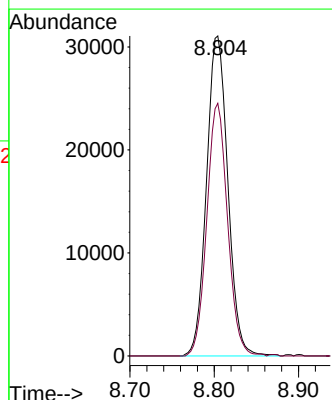
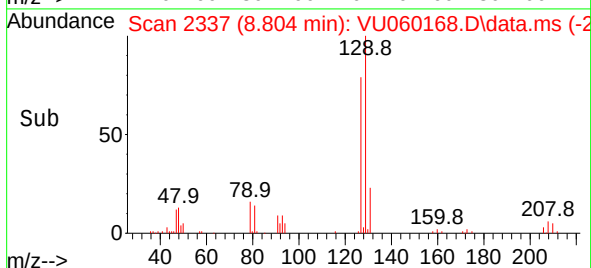
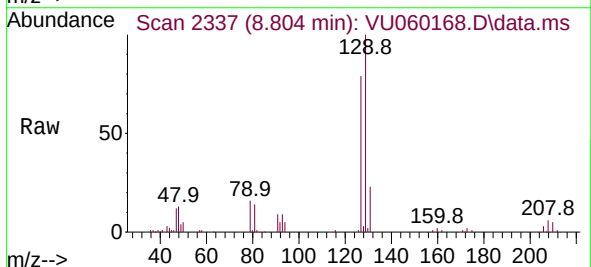


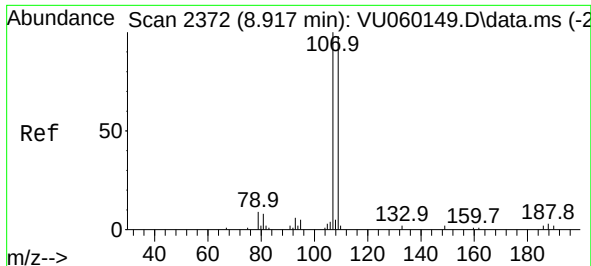
Tgt Ion: 43 Resp: 288086
Ion Ratio Lower Upper
43 100
58 60.6 52.6 78.8
57 21.1 17.8 26.8
100 11.9 11.4 17.0



#49
Dibromochloromethane
Concen: 4.701 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 129 Resp: 54777
Ion Ratio Lower Upper
129 100
127 79.0 54.6 101.4

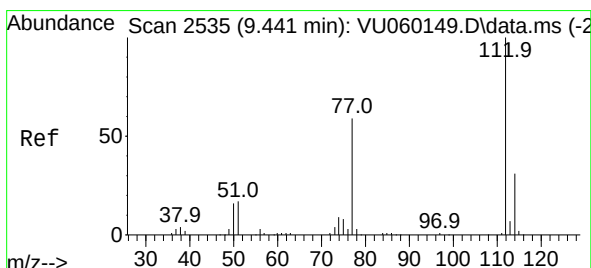
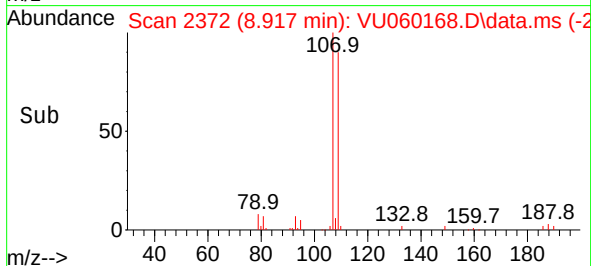
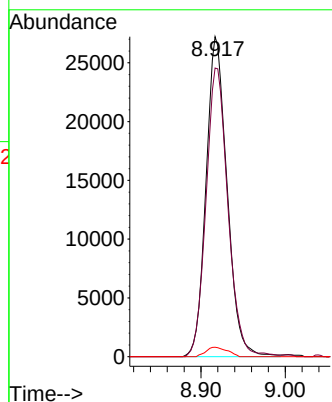
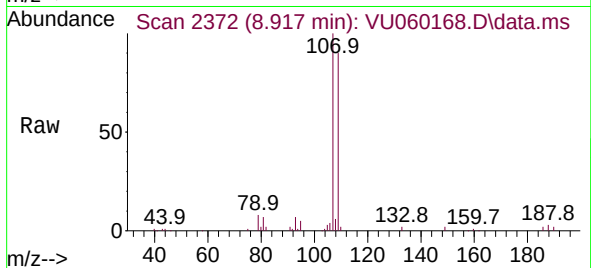




#50
1,2-Dibromoethane
Concen: 4.960 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

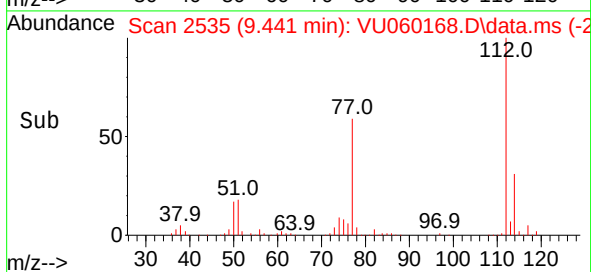
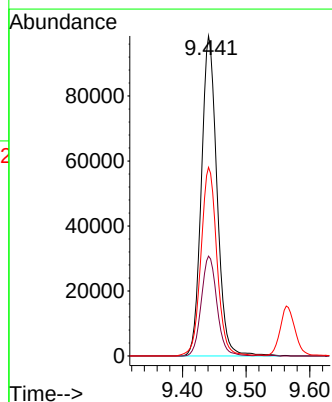
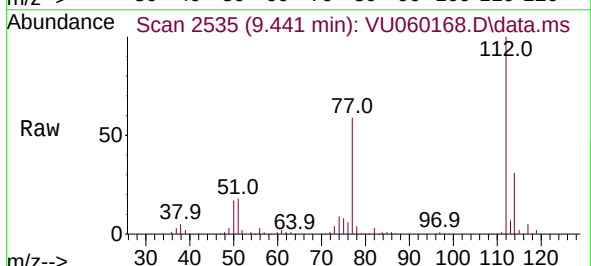
Instrument :
MSVOA_U
ClientSampleId :

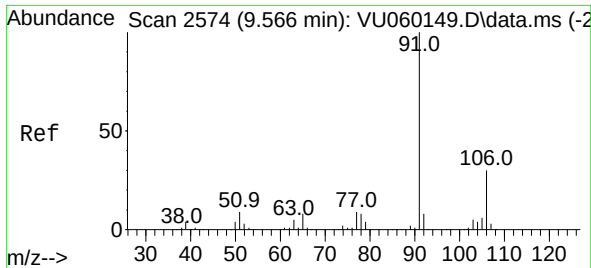
Tgt Ion:107 Resp: 47243
Ion Ratio Lower Upper
107 100
109 90.2 64.0 118.8
188 2.9 3.0 4.6#



#51
Chlorobenzene
Concen: 4.734 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion:112 Resp: 167964
Ion Ratio Lower Upper
112 100
114 31.2 22.1 41.1
77 59.0 44.7 67.1

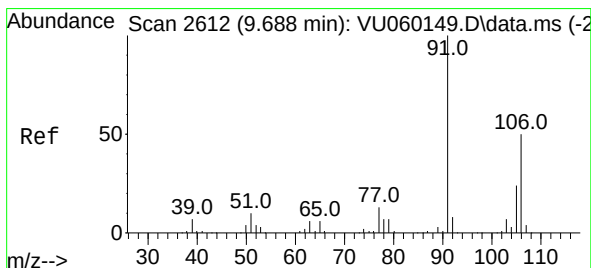
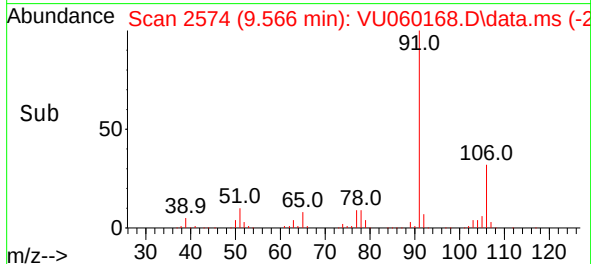
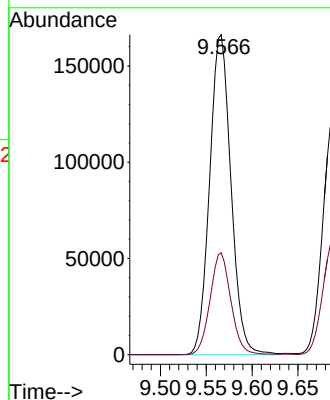
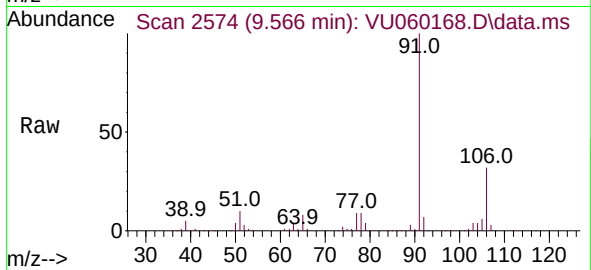




#52
Ethylbenzene
Concen: 4.973 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

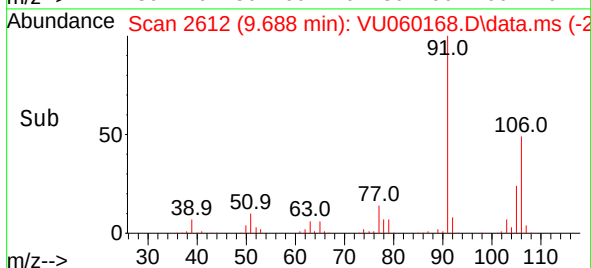
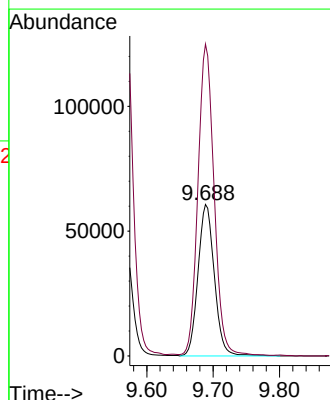
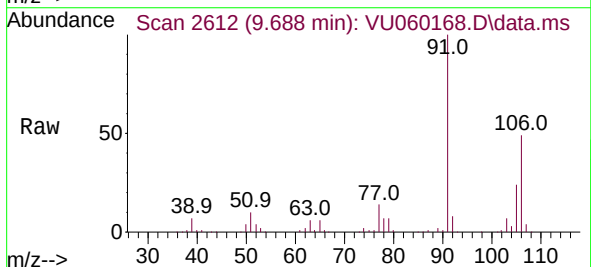
Instrument :
MSVOA_U
ClientSampleId :

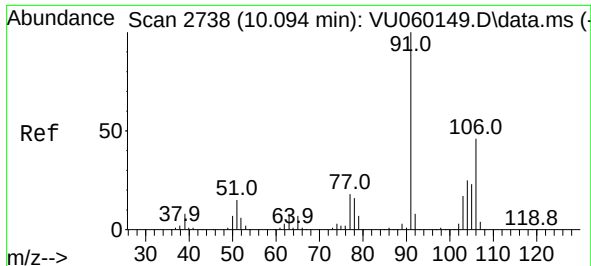
Tgt Ion: 91 Resp: 269317
Ion Ratio Lower Upper
91 100
106 31.9 21.9 40.7



#53
m,p-Xylene
Concen: 4.962 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion: 106 Resp: 103810
Ion Ratio Lower Upper
106 100
91 205.9 141.3 262.5

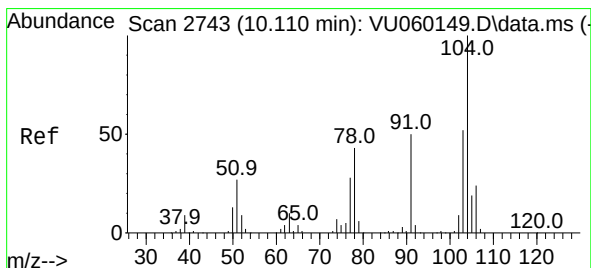
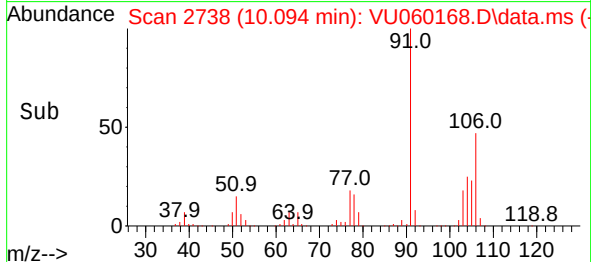
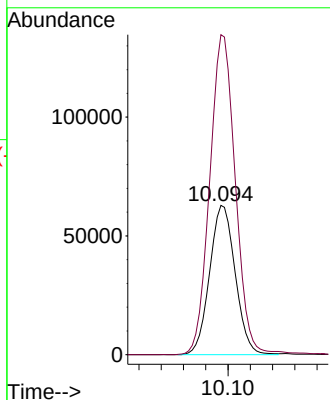
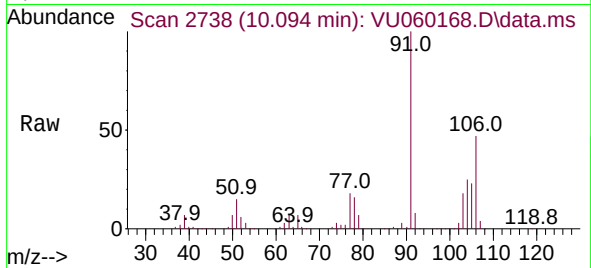




#54
o-Xylene
Concen: 5.014 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

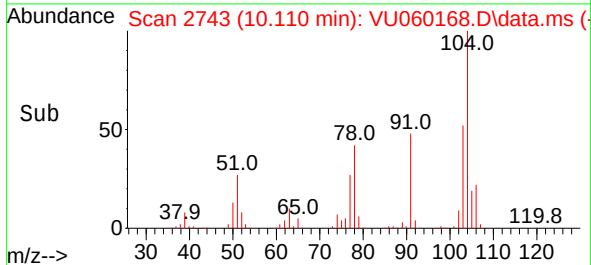
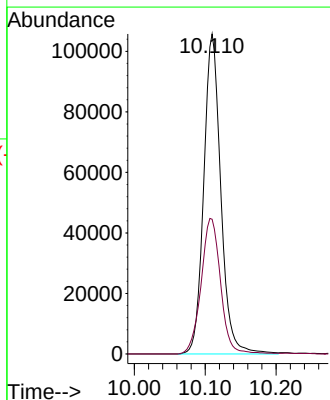
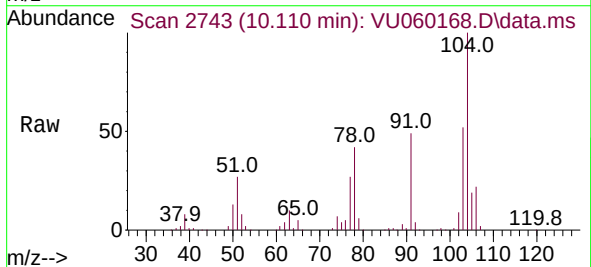
Instrument :
MSVOA_U
ClientSampleId :

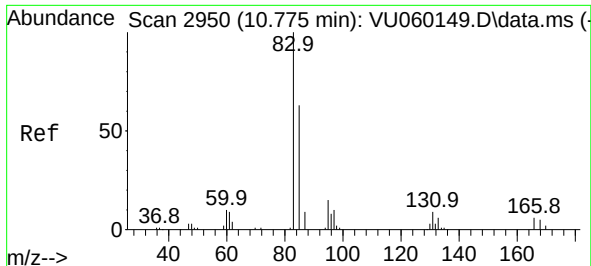
Tgt Ion:106 Resp: 100324
Ion Ratio Lower Upper
106 100
91 214.4 143.6 266.6



#55
Styrene
Concen: 5.200 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion:104 Resp: 177098
Ion Ratio Lower Upper
104 100
78 42.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.049 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :

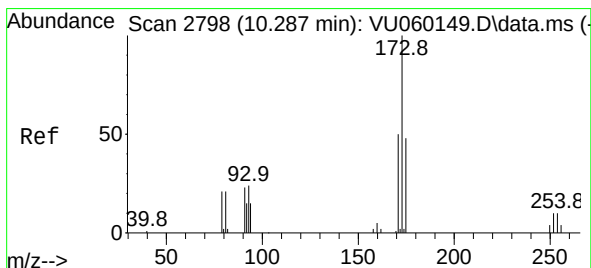
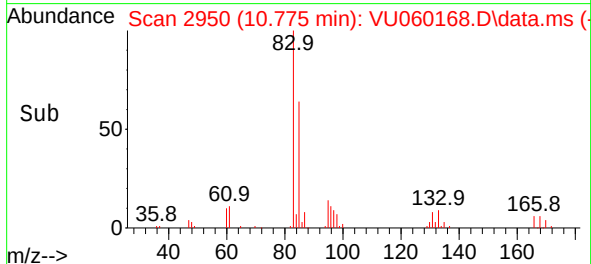
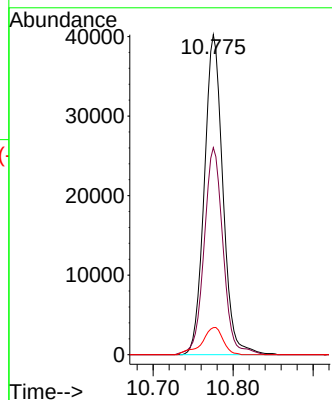
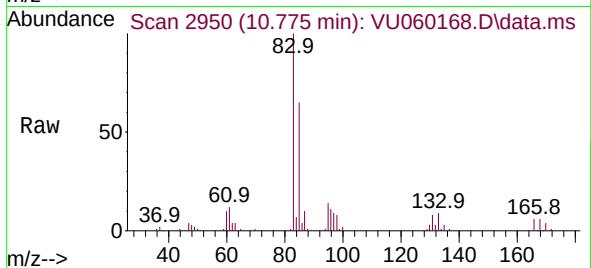
Tgt Ion: 83 Resp: 65064

Ion Ratio Lower Upper

83 100

85 64.7 46.8 87.0

131 8.5 7.8 11.6



#59

Bromoform

Concen: 4.770 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

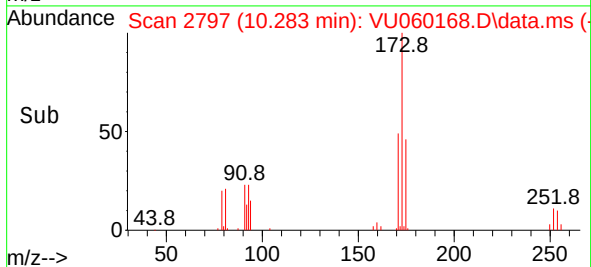
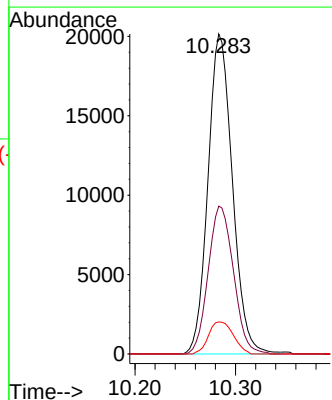
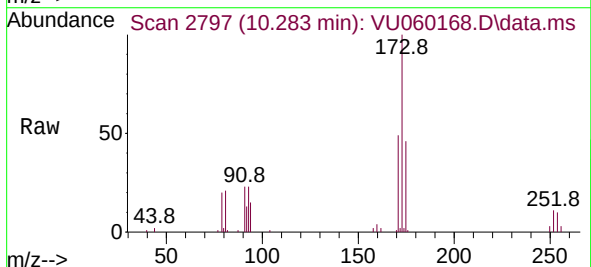
Tgt Ion:173 Resp: 34027

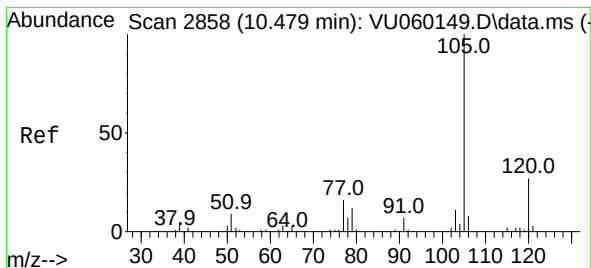
Ion Ratio Lower Upper

173 100

175 47.7 38.7 58.1

254 10.2 9.0 13.4





#60

Isopropylbenzene

Concen: 5.196 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :

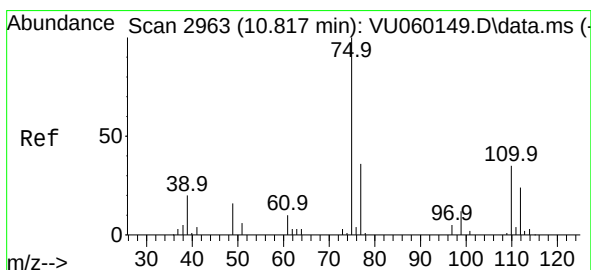
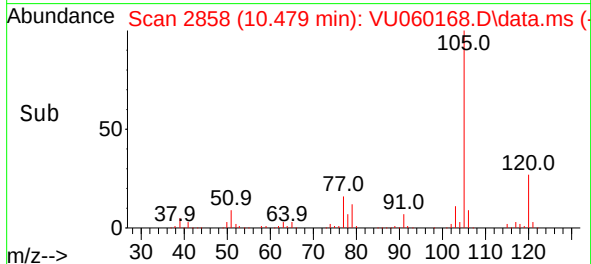
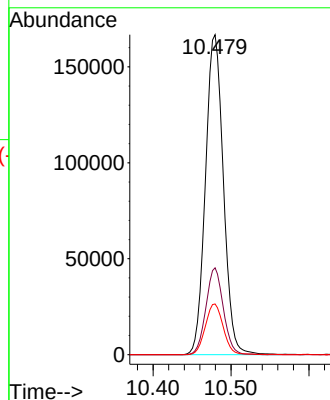
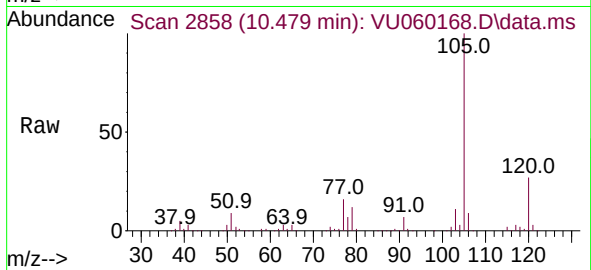
Tgt Ion:105 Resp: 266779

Ion Ratio Lower Upper

105 100

120 26.3 21.9 32.9

77 15.9 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.366 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

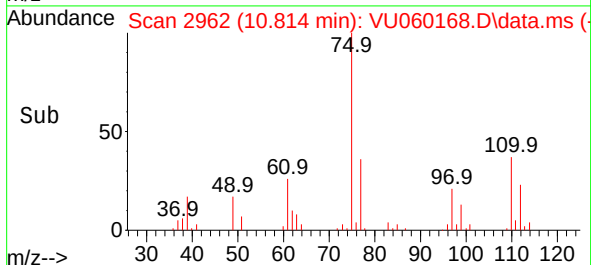
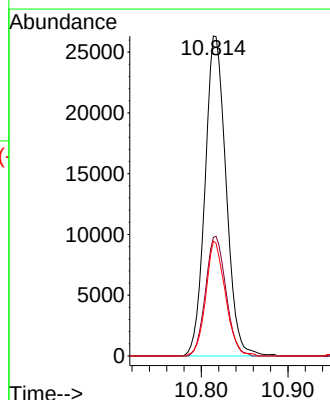
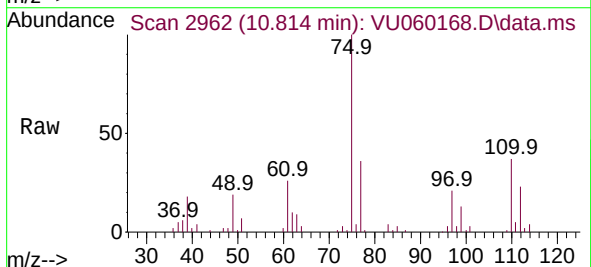
Tgt Ion: 75 Resp: 44412

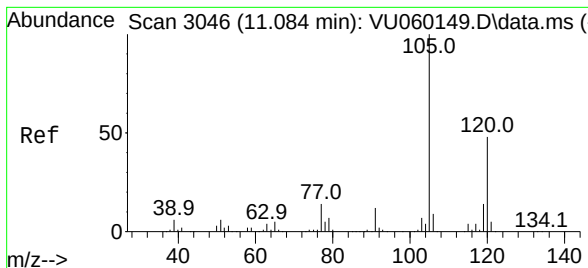
Ion Ratio Lower Upper

75 100

110 36.2 30.8 46.2

77 33.5 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.152 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

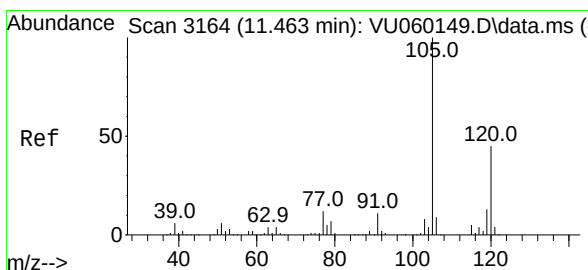
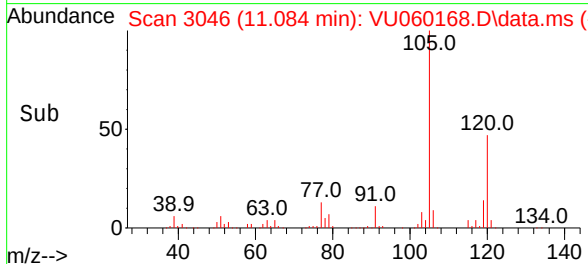
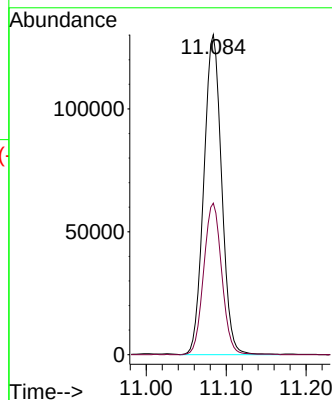
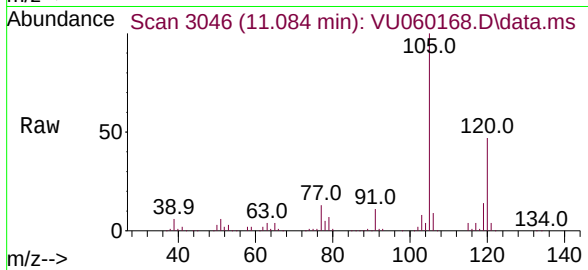
ClientSampleId :

Tgt Ion:105 Resp: 202122

Ion Ratio Lower Upper

105 100

120 48.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.214 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060168.D

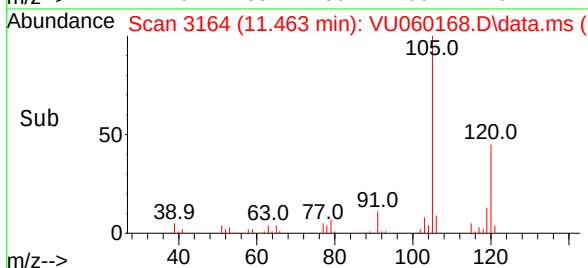
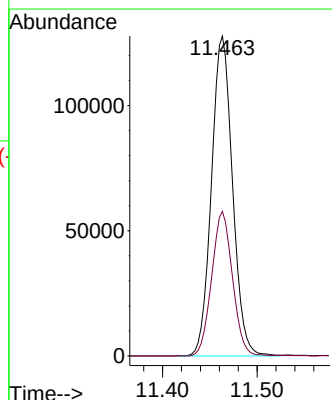
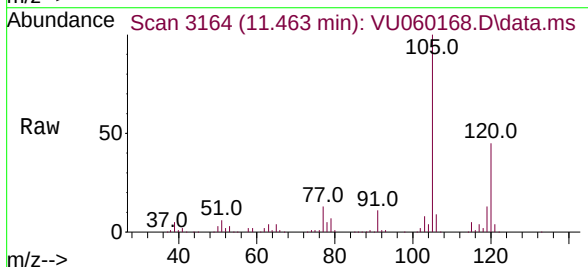
Acq: 24 Jul 2024 21:02

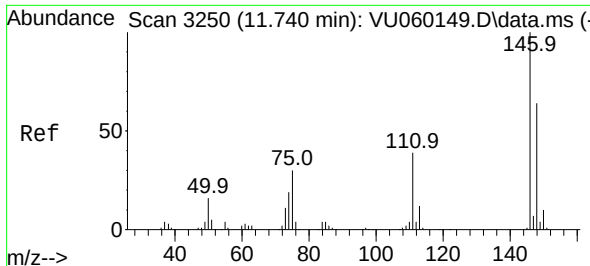
Tgt Ion:105 Resp: 197664

Ion Ratio Lower Upper

105 100

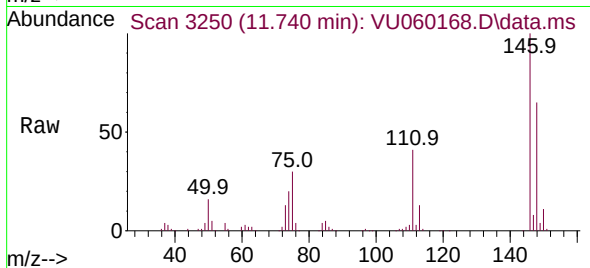
120 44.7 36.7 55.1



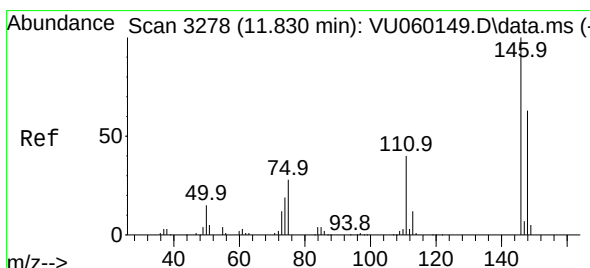
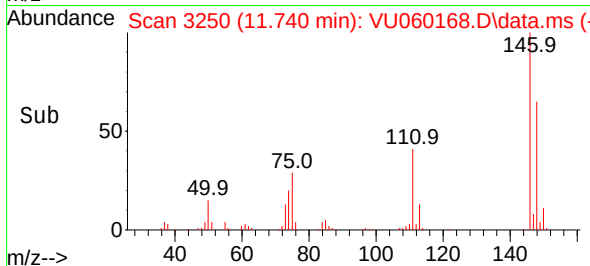
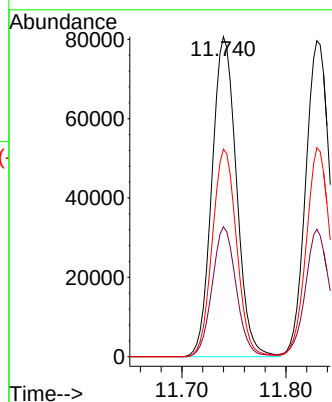


#64
1,3-Dichlorobenzene
Concen: 4.793 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

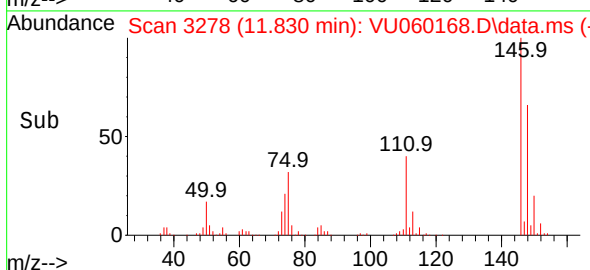
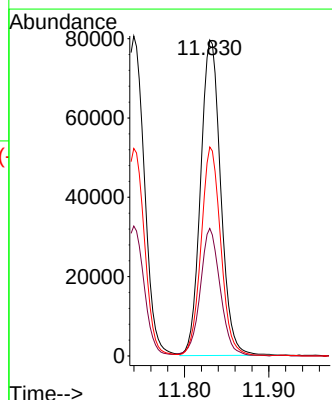
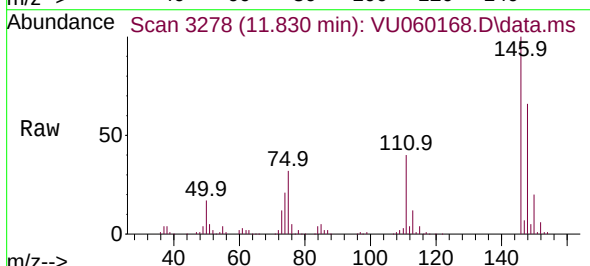


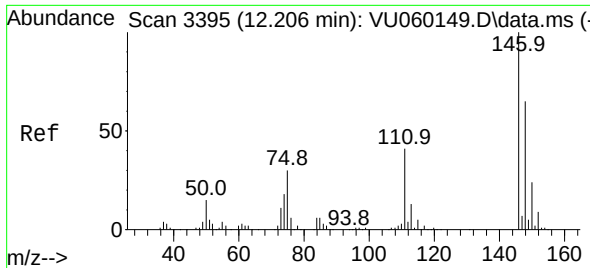
Tgt Ion:146 Resp: 132415
Ion Ratio Lower Upper
146 100
111 40.6 27.2 50.4
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.711 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion:146 Resp: 132482
Ion Ratio Lower Upper
146 100
111 40.4 26.5 49.1
148 66.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.684 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :

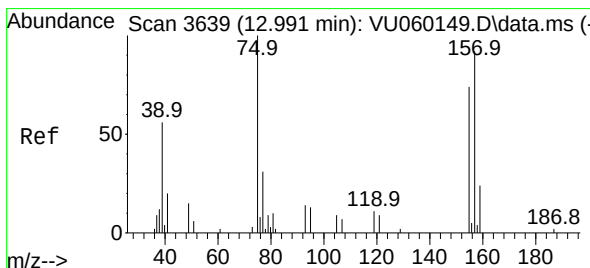
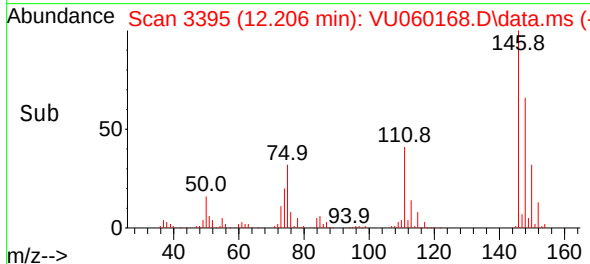
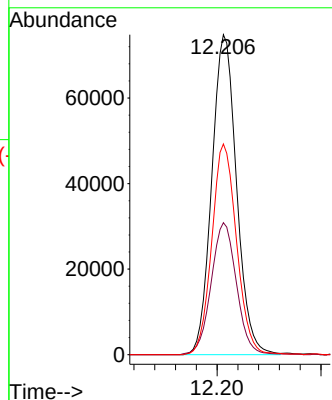
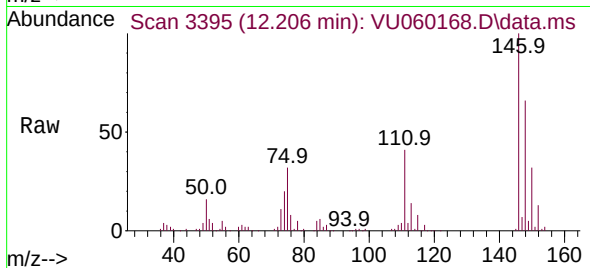
Tgt Ion:146 Resp: 123858

Ion Ratio Lower Upper

146 100

111 41.3 30.9 46.3

148 65.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.610 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

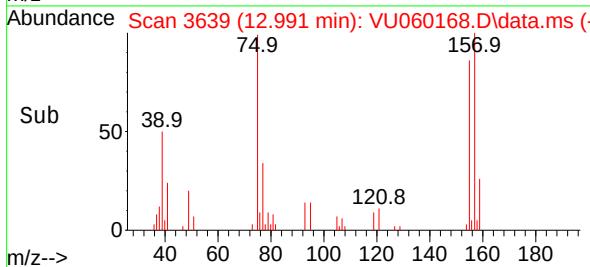
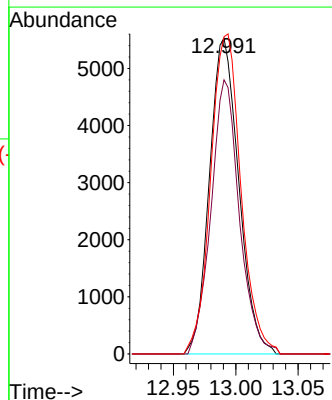
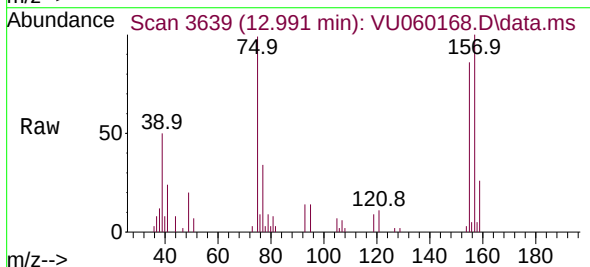
Tgt Ion: 75 Resp: 9049

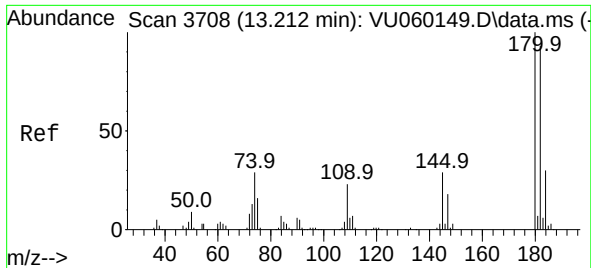
Ion Ratio Lower Upper

75 100

155 86.9 70.6 105.8

157 100.5 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.494 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

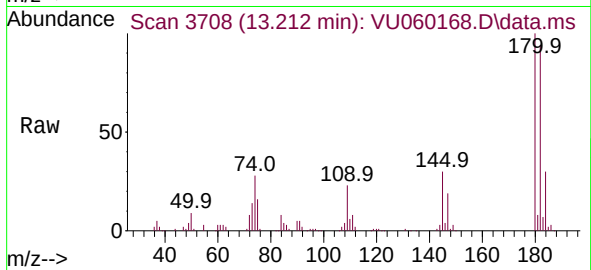
Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 93712

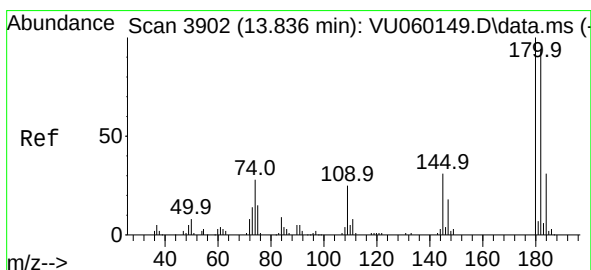
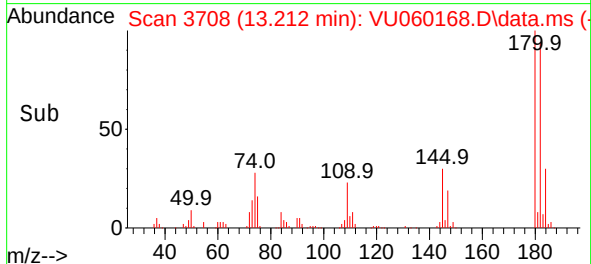
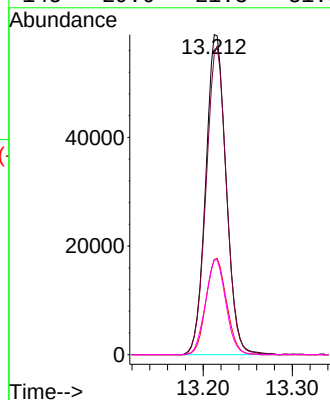
Ion Ratio Lower Upper

180 100

182 95.8 74.6 111.8

184 30.3 23.1 34.7

145 29.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.850 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060168.D

Acq: 24 Jul 2024 21:02

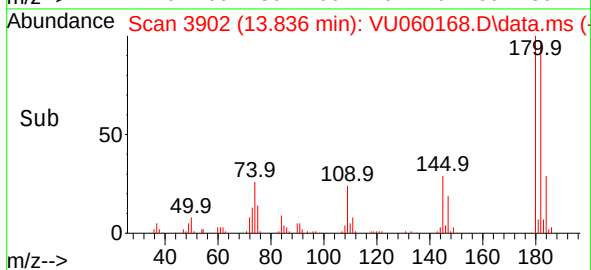
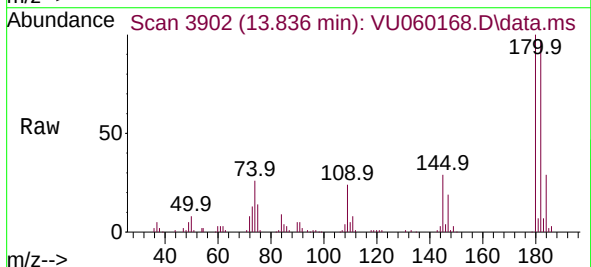
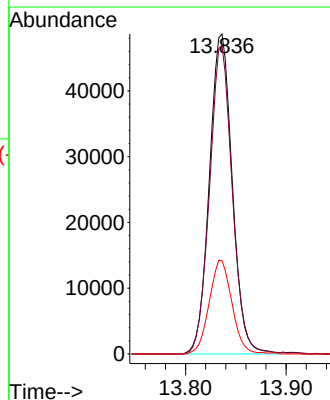
Tgt Ion:180 Resp: 76966

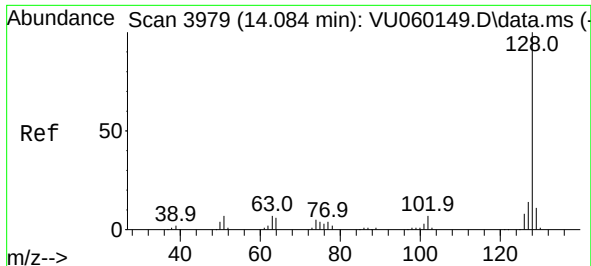
Ion Ratio Lower Upper

180 100

182 95.7 77.2 115.8

145 29.2 23.0 34.4

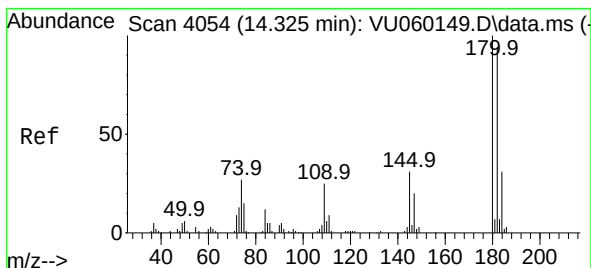
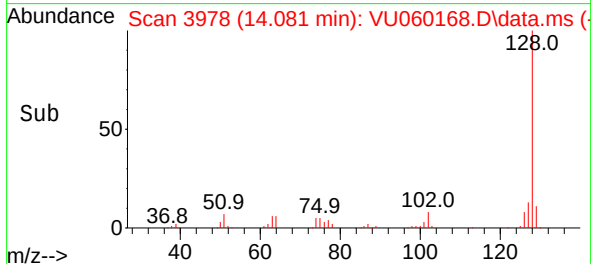
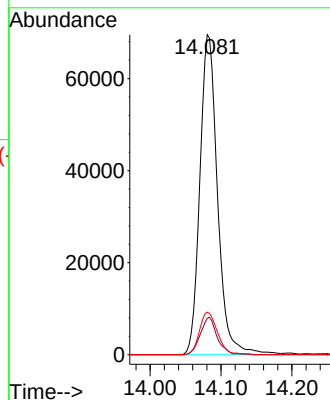
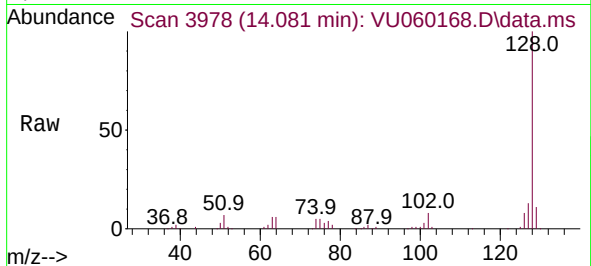




#71
Naphthalene
Concen: 5.354 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 120379
Ion Ratio Lower Upper
128 100
129 11.1 8.2 12.4
127 13.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.008 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060168.D
Acq: 24 Jul 2024 21:02

Tgt Ion:180 Resp: 71479
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 31.2 23.9 35.9

