

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060245.D
 Acq On : 29 Jul 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:19:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43639	4.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	43091	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.560	65	17353	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.621	46	149112	66.909	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.820%#
24) Chloroform-d	5.055	84	108873	5.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.695	65	51363	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.721	84	192043	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.682	67	69554	5.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.400%
41) Toluene-d8	7.891	98	163481	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.174	79	22017	5.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.627	63	110161	59.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	64441	5.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	66148	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48147	4.648	ug/L	98
3) Chloromethane	1.515	50	63500	5.075	ug/L	100
5) Vinyl chloride	1.602	62	72376	5.159	ug/L	97
6) Bromomethane	1.853	94	44138	4.833	ug/L	98
8) Chloroethane	1.930	64	47124	5.143	ug/L	98
9) Trichlorofluoromethane	2.132	101	90204	5.099	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59385	5.144	ug/L	95
12) 1,1-Dichloroethene	2.573	96	52652	5.035	ug/L	96
13) Acetone	2.634	43	91831	62.292	ug/L	95
14) Carbon disulfide	2.788	76	146110	4.799	ug/L	97
15) Methyl Acetate	2.952	43	22306	6.152	ug/L	89
16) Methylene chloride	3.039	84	65646	5.120	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	126375	5.299	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	54406	5.002	ug/L	91
19) 1,1-Dichloroethane	3.859	63	114775	5.557	ug/L	97
21) 2-Butanone	4.702	43	143215	61.369	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	64570	5.300	ug/L	95
23) Bromochloromethane	4.968	128	28568	4.825	ug/L	85
25) Chloroform	5.081	83	121073	5.330	ug/L	99

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 Data File : VU060245.D
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:19:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
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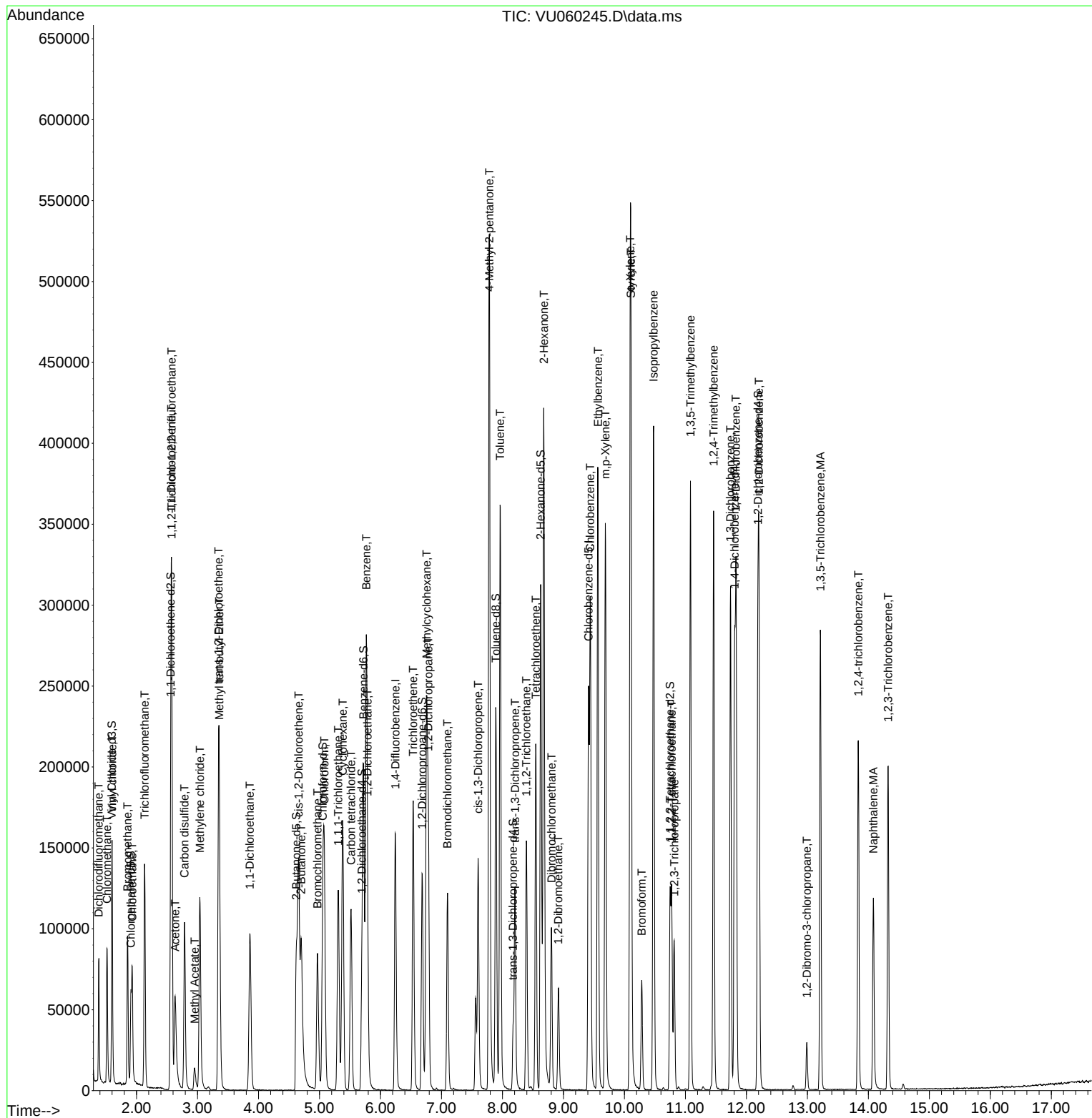
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	66403	5.114	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	91756	5.160	ug/L	96
30) Cyclohexane	5.380	56	79001	5.617	ug/L	92
31) Carbon tetrachloride	5.518	117	79832	5.204	ug/L	98
33) Benzene	5.769	78	259057	5.508	ug/L	100
34) Trichloroethene	6.537	95	64913	5.204	ug/L	95
35) Methylcyclohexane	6.756	83	86343	5.280	ug/L	93
37) 1,2-Dichloropropane	6.785	63	71344	5.615	ug/L	99
38) Bromodichloromethane	7.100	83	83622	5.253	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	91635	5.519	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	339624	60.404	ug/L	98
42) Toluene	7.962	91	273574	5.466	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	74366	5.361	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	50269	5.177	ug/L	99
47) Tetrachloroethene	8.547	164	47315	4.588	ug/L	93
48) 2-Hexanone	8.679	43	260082	63.176	ug/L	97
49) Dibromochloromethane	8.804	129	52625	4.900	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43751	4.984	ug/L #	100
51) Chlorobenzene	9.441	112	167690	5.128	ug/L	97
52) Ethylbenzene	9.566	91	274050	5.490	ug/L	98
53) m,p-Xylene	9.688	106	101389	5.258	ug/L	95
54) o-Xylene	10.097	106	99742	5.409	ug/L	93
55) Styrene	10.110	104	175550	5.593	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	63658	5.359	ug/L	95
59) Bromoform	10.283	173	31155	4.889	ug/L	99
60) Isopropylbenzene	10.479	105	268317	5.850	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	41367	5.595	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	202688	5.784	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	197178	5.823	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	130001	5.268	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	129677	5.162	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	121265	5.133	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	8418	5.842	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	92844	4.985	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	70806	4.995	ug/L	99
71) Naphthalene	14.084	128	105202	5.238	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	63915	5.013	ug/L	98

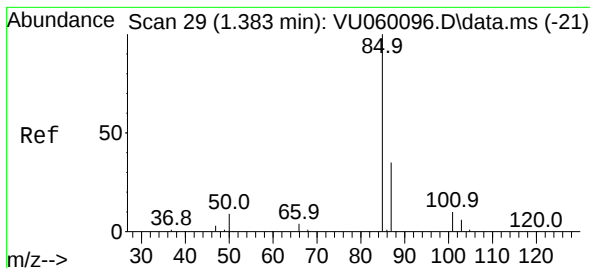
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060245.D
 Acq On : 29 Jul 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:19:14 2024
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#2

Dichlorodifluoromethane

Concen: 4.648 ug/L

RT: 1.380 min Scan# 21

Delta R.T. -0.003 min MSVOA_U

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

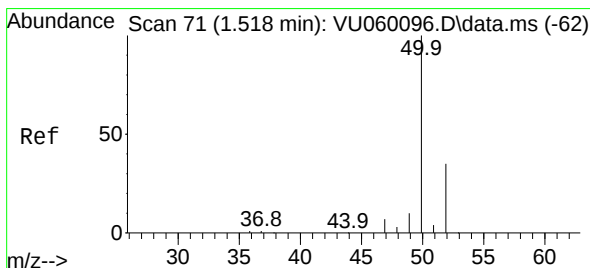
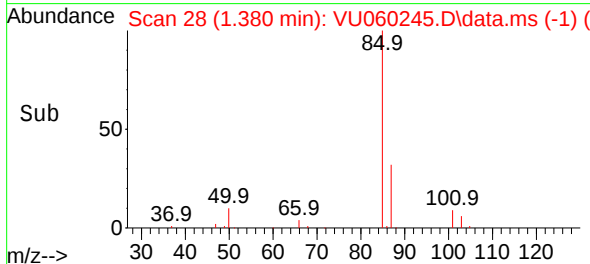
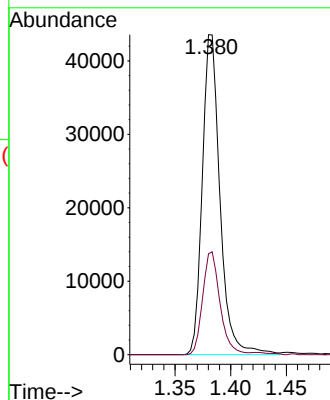
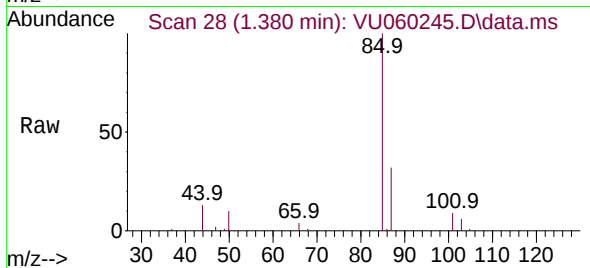
ClientSampleId :

Tgt Ion: 85 Resp: 48147

Ion Ratio Lower Upper

85 100

87 31.5 26.1 39.1



#3

Chloromethane

Concen: 5.075 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU060245.D

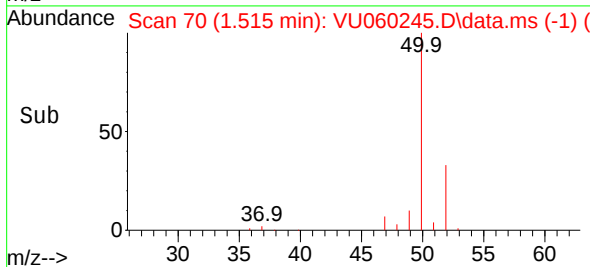
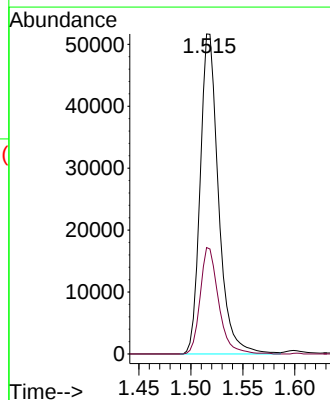
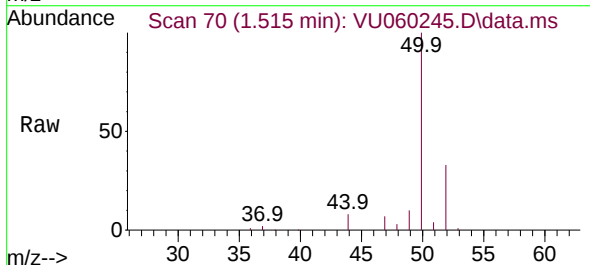
Acq: 29 Jul 2024 10:32

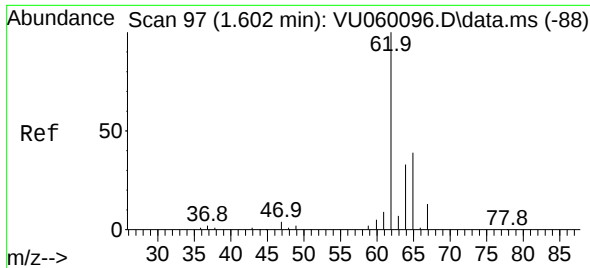
Tgt Ion: 50 Resp: 63500

Ion Ratio Lower Upper

50 100

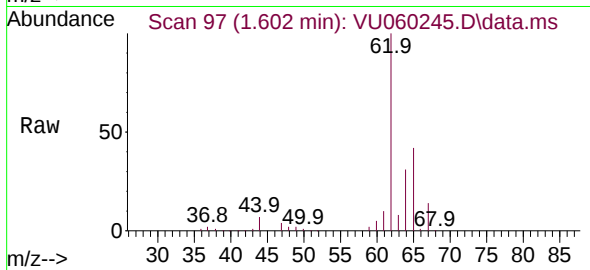
52 33.3 23.4 43.4



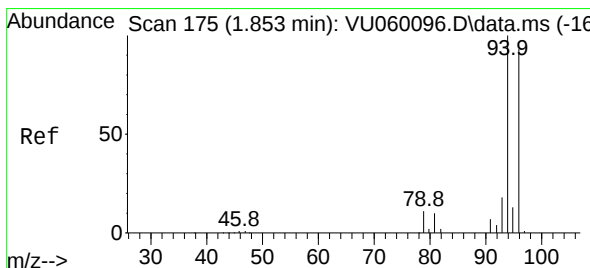
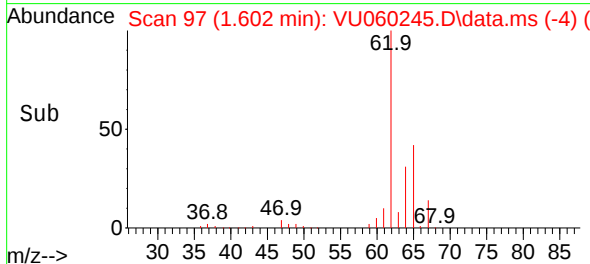
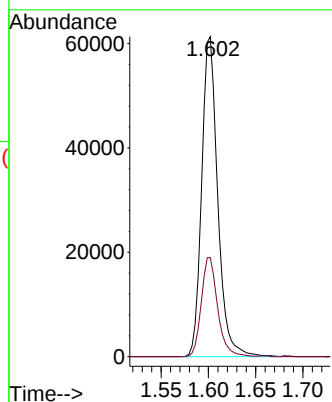


#5
 Vinyl chloride
 Concen: 5.159 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060245.D
 Acq: 29 Jul 2024 10:32

Instrument :
 MSVOA_U
 ClientSampleId :

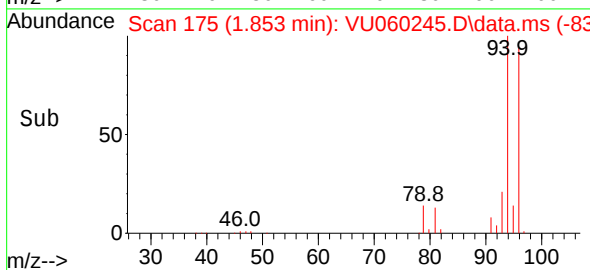
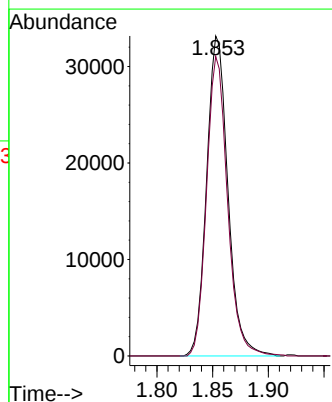
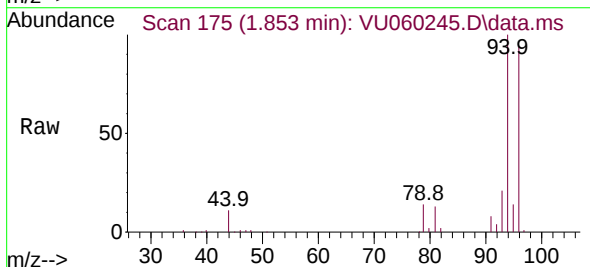


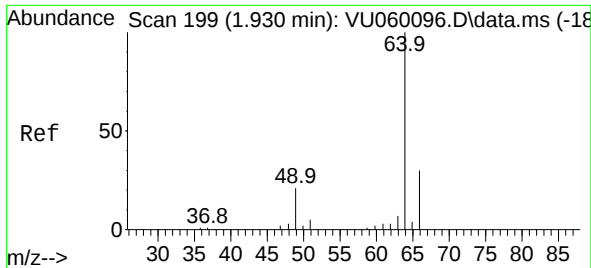
Tgt Ion: 62 Resp: 72376
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.833 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU060245.D
 Acq: 29 Jul 2024 10:32

Tgt Ion: 94 Resp: 44138
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.6 123.6

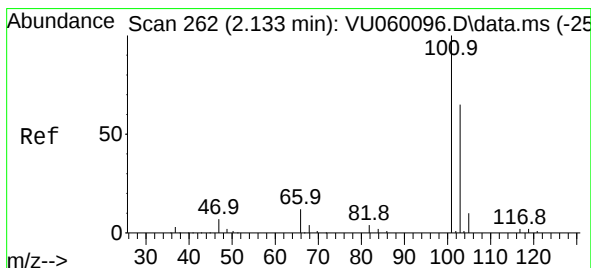
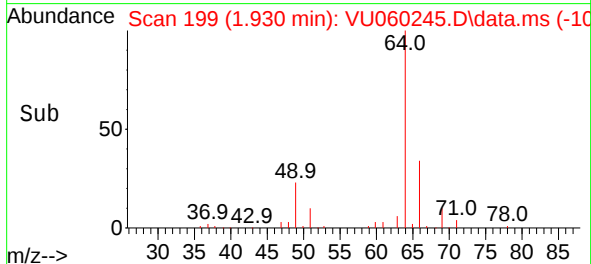
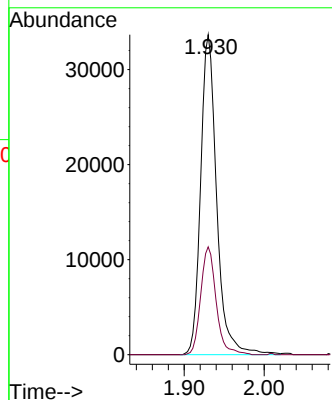
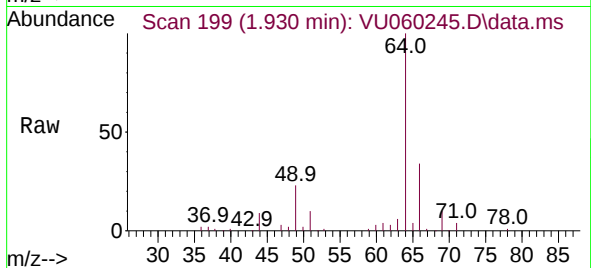




#8
Chloroethane
Concen: 5.143 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

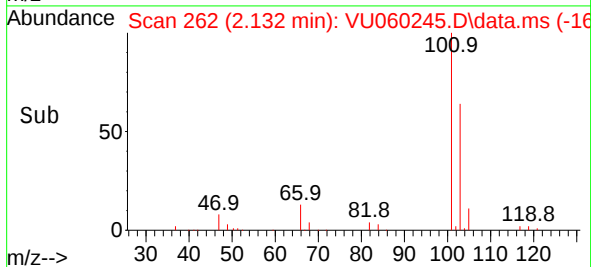
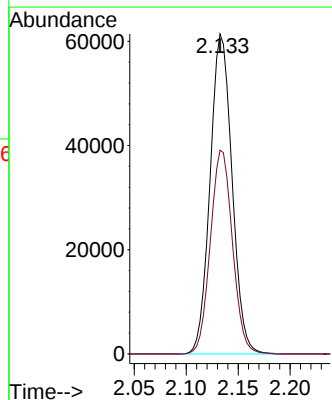
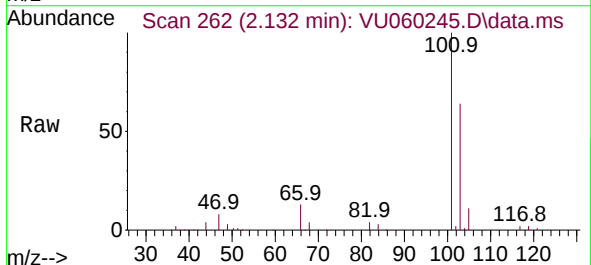
Instrument :
MSVOA_U
ClientSampleId :

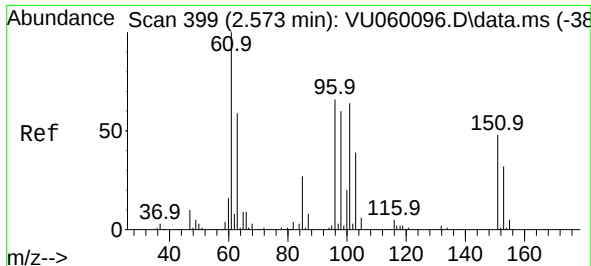
Tgt Ion: 64 Resp: 47124
Ion Ratio Lower Upper
64 100
66 33.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.099 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion:101 Resp: 90204
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

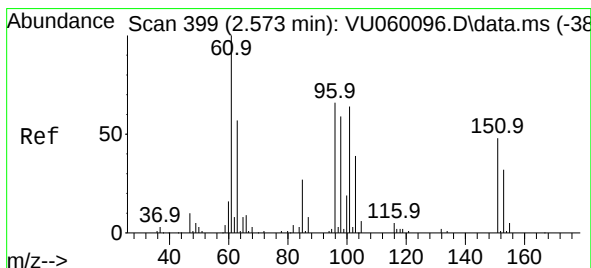
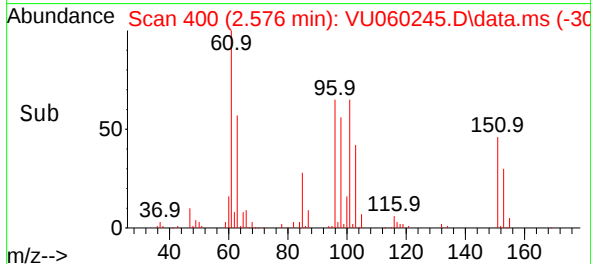
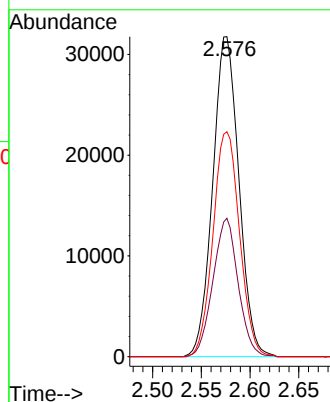
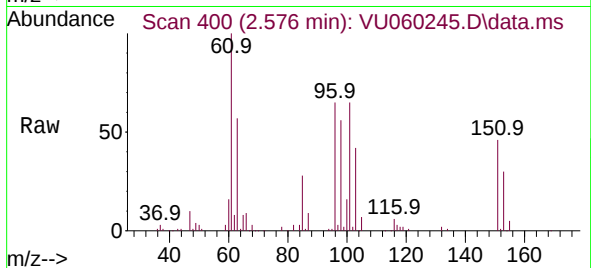




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.144 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

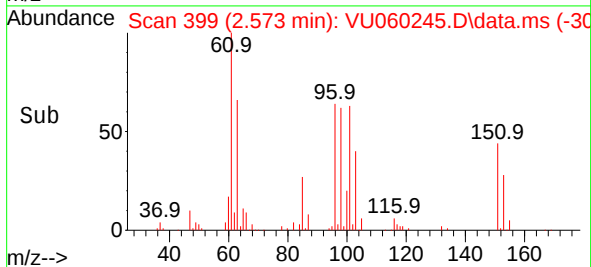
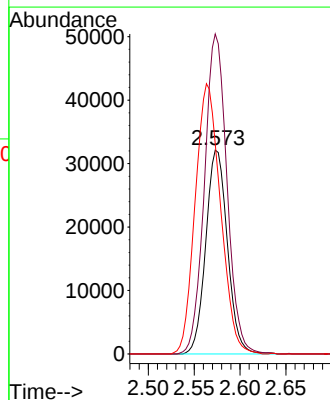
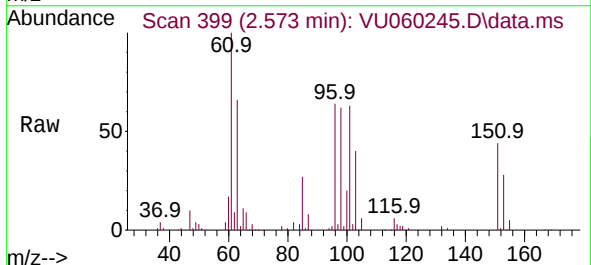
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ClientSampleId :

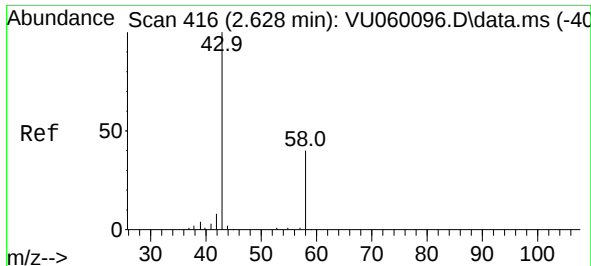
Tgt Ion:101 Resp: 59385
Ion Ratio Lower Upper
101 100
85 41.6 33.2 49.8
151 71.2 61.8 92.8



#12
1,1-Dichloroethene
Concen: 5.035 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 96 Resp: 52652
Ion Ratio Lower Upper
96 100
61 156.9 107.0 198.6
63 103.0 76.4 142.0





#13

Acetone

Concen: 62.292 ug/L

RT: 2.634 min Scan# 416

Delta R.T. -0.010 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

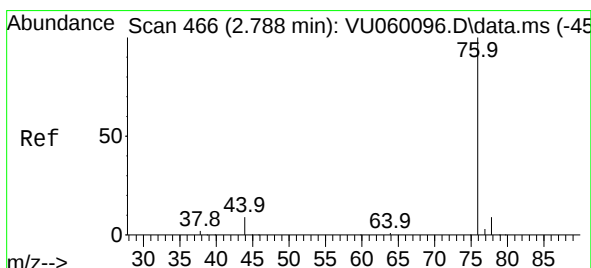
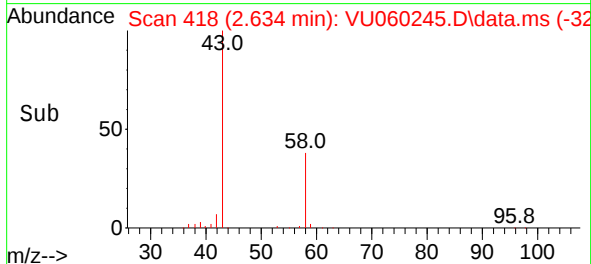
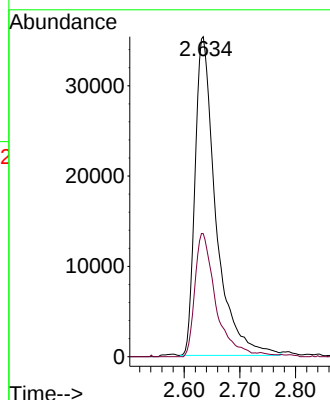
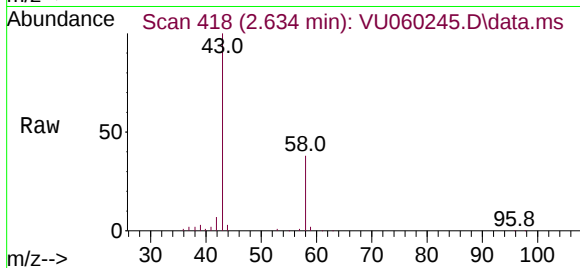
ClientSampleId :

Tgt Ion: 43 Resp: 91831

Ion Ratio Lower Upper

43 100

58 38.3 0.0 82.2



#14

Carbon disulfide

Concen: 4.799 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060245.D

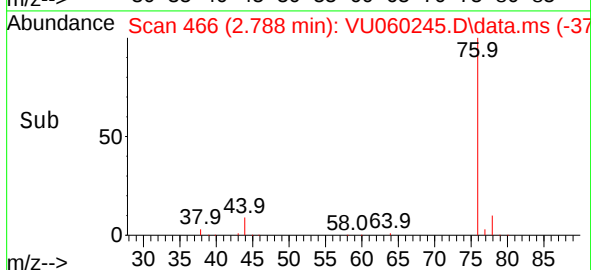
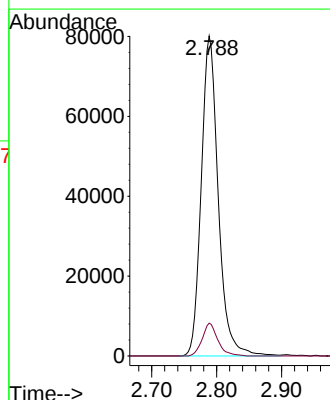
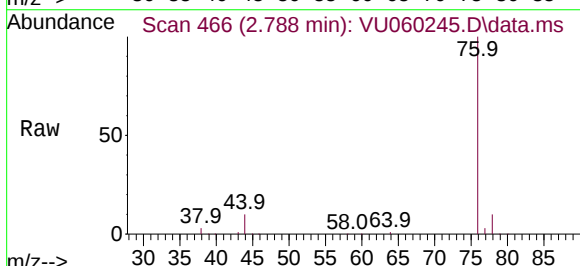
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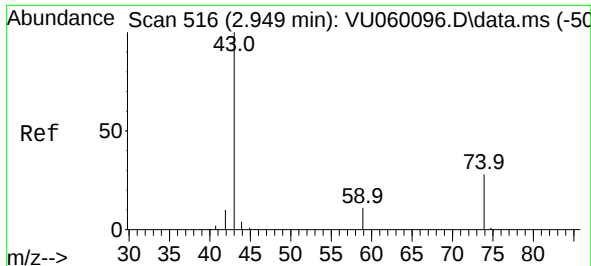
Tgt Ion: 76 Resp: 146110

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0





#15

Methyl Acetate

Concen: 6.152 ug/L

RT: 2.952 min Scan# 516

Delta R.T. -0.003 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

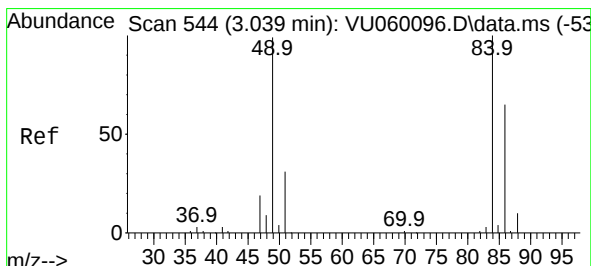
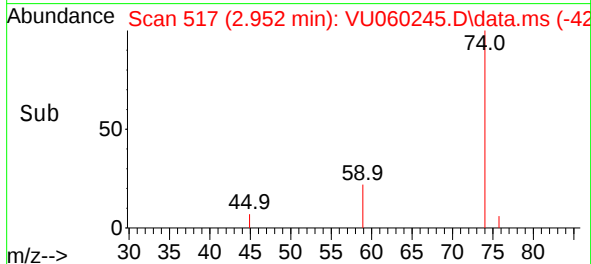
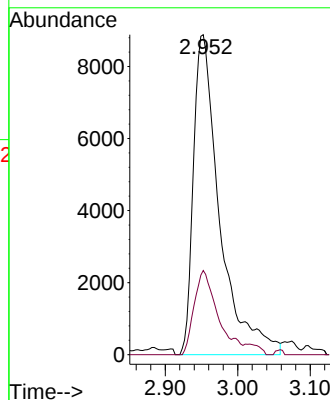
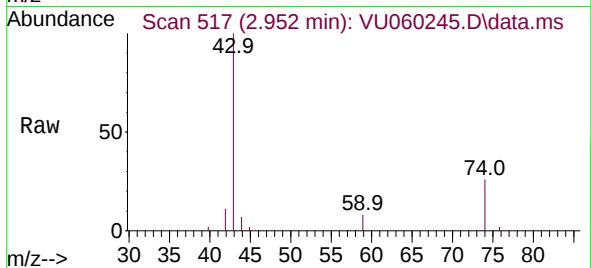
ClientSampleId :

Tgt Ion: 43 Resp: 22306

Ion Ratio Lower Upper

43 100

74 23.7 23.5 35.3



#16

Methylene chloride

Concen: 5.120 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

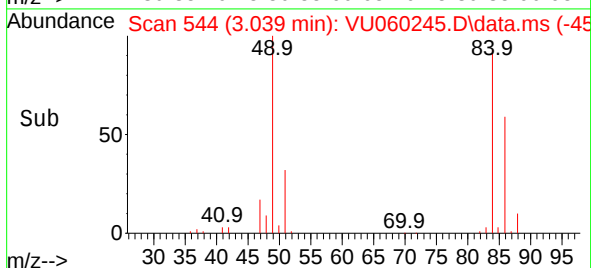
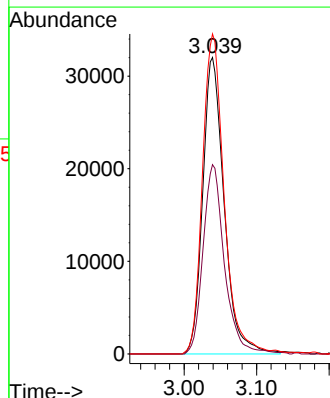
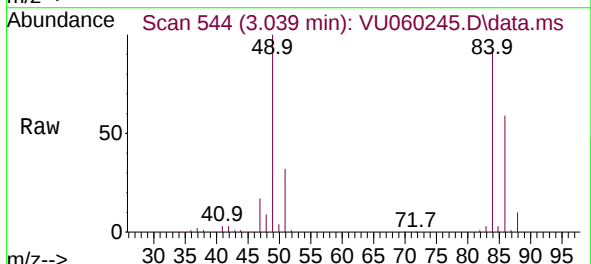
Tgt Ion: 84 Resp: 65646

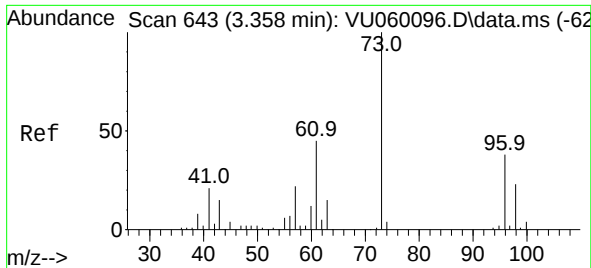
Ion Ratio Lower Upper

84 100

86 63.8 44.4 82.5

49 107.9 72.0 133.6

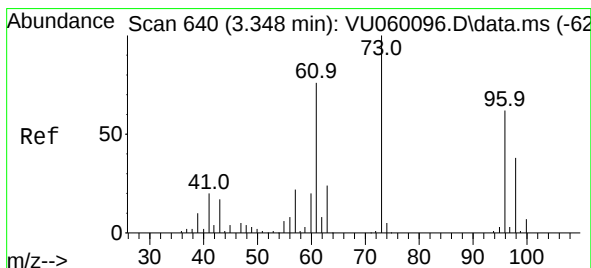
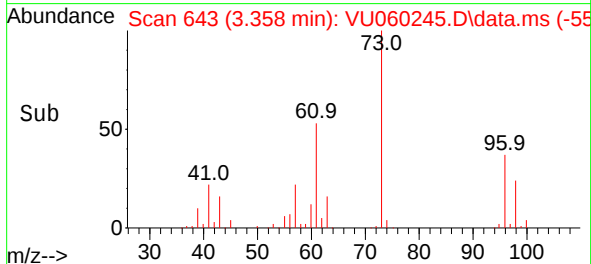
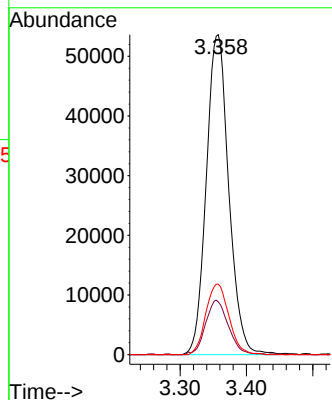
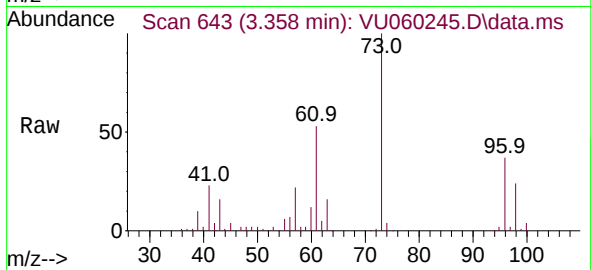




#17
Methyl tert-butyl Ether
Concen: 5.299 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

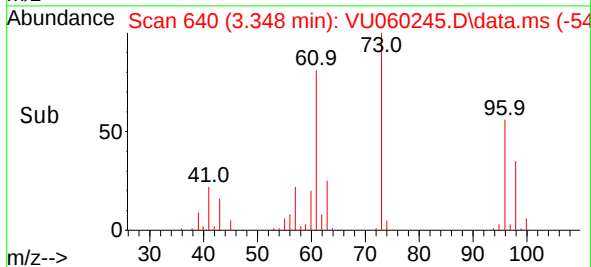
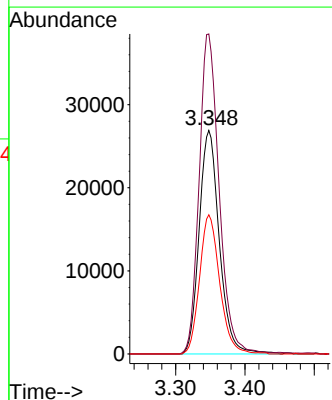
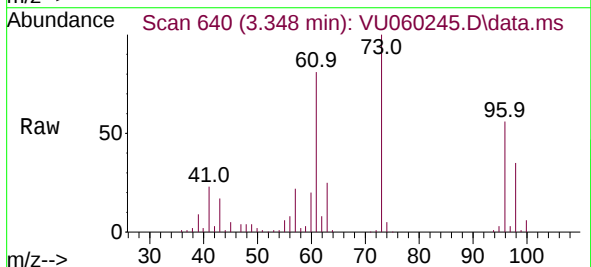
Instrument :
MSVOA_U
ClientSampleId :

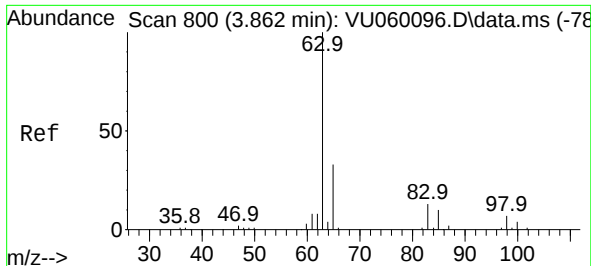
Tgt Ion: 73 Resp: 126375
Ion Ratio Lower Upper
73 100
43 17.2 13.1 19.7
57 22.7 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.002 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 96 Resp: 54406
Ion Ratio Lower Upper
96 100
61 143.1 91.6 170.0
98 62.3 47.7 88.5

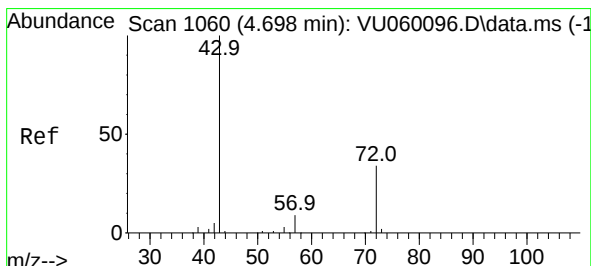
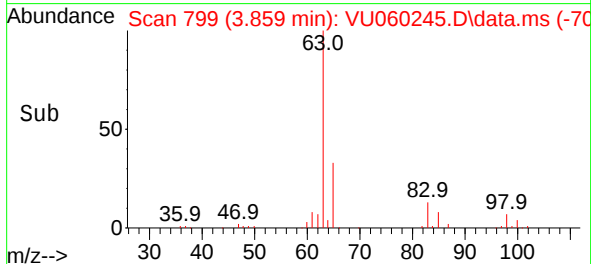
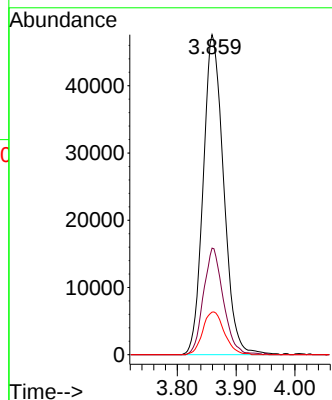
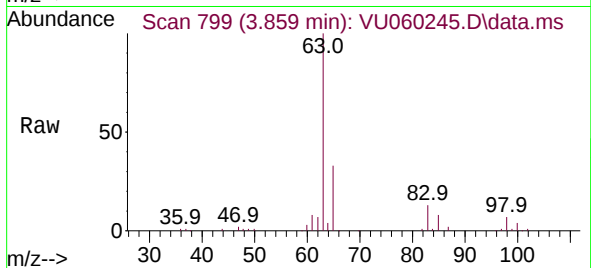




#19
1,1-Dichloroethane
Concen: 5.557 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

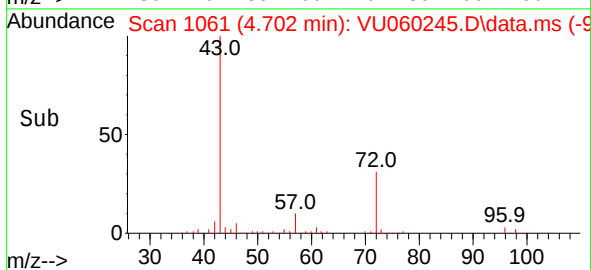
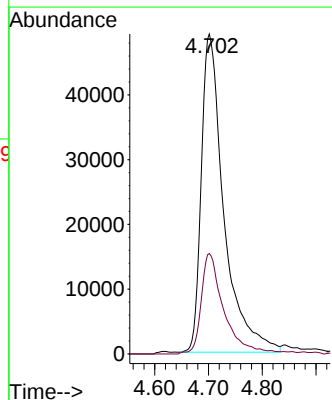
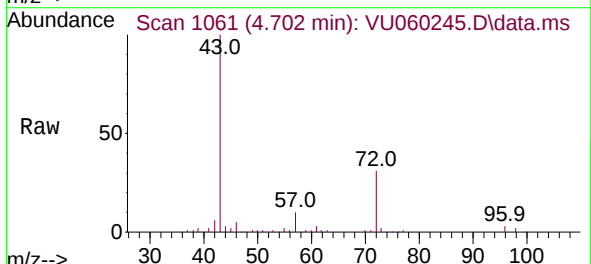
Instrument :
MSVOA_U
ClientSampleId :

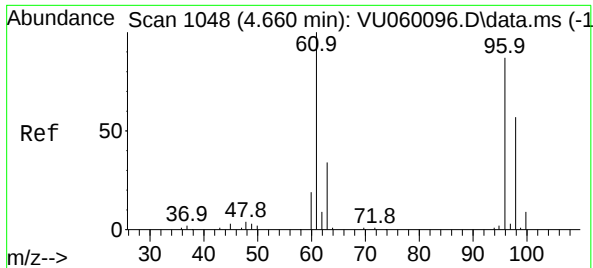
Tgt Ion: 63 Resp: 114775
Ion Ratio Lower Upper
63 100
65 33.3 22.0 40.8
83 13.3 9.7 17.9



#21
2-Butanone
Concen: 61.369 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.010 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

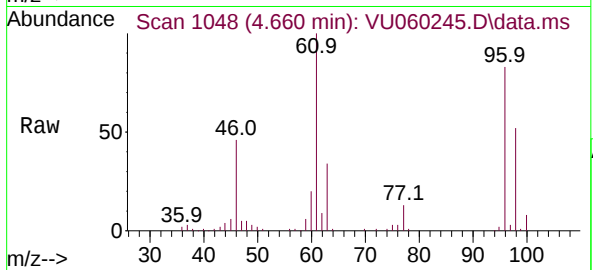
Tgt Ion: 43 Resp: 143215
Ion Ratio Lower Upper
43 100
72 31.1 16.3 48.9



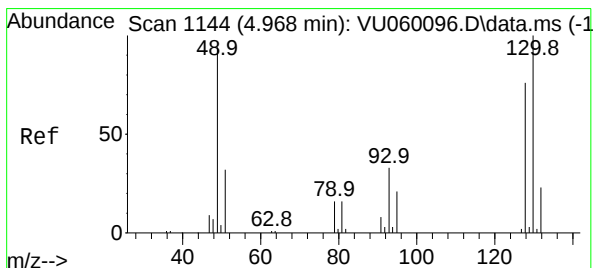
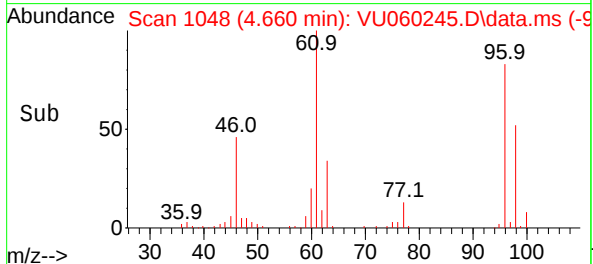
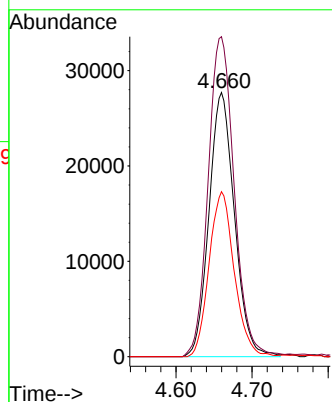


#22
cis-1,2-Dichloroethene
Concen: 5.300 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Instrument :
MSVOA_U
ClientSampleId :

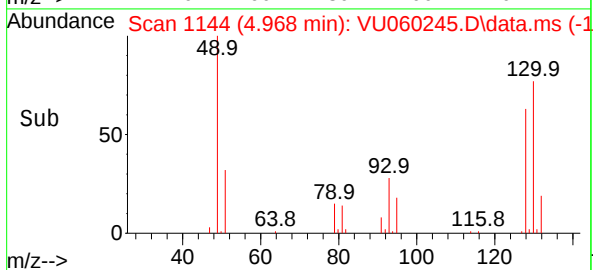
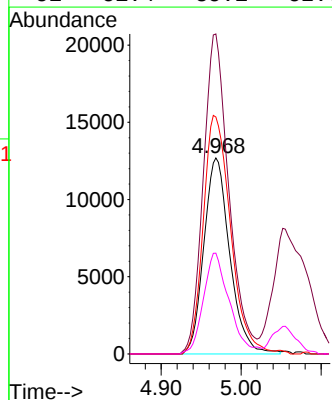
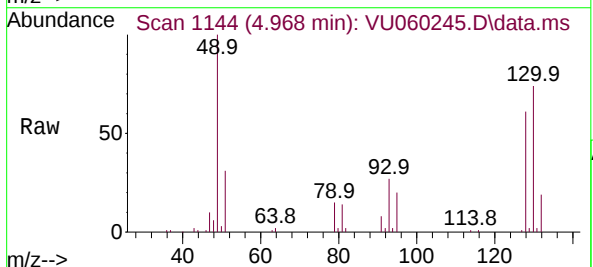


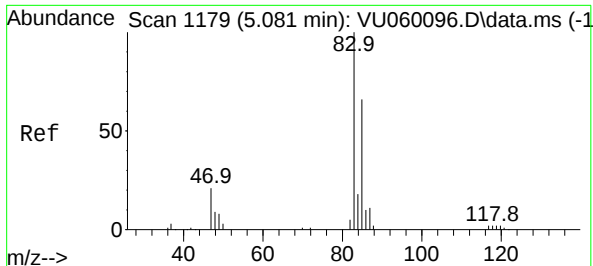
Tgt Ion: 96 Resp: 64570
Ion Ratio Lower Upper
96 100
61 121.1 80.2 148.9
98 62.4 44.7 83.1



#23
Bromochloromethane
Concen: 4.825 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion:128 Resp: 28568
Ion Ratio Lower Upper
128 100
49 163.3 92.3 171.3
130 120.9 87.1 161.7
51 51.4 35.1 52.7

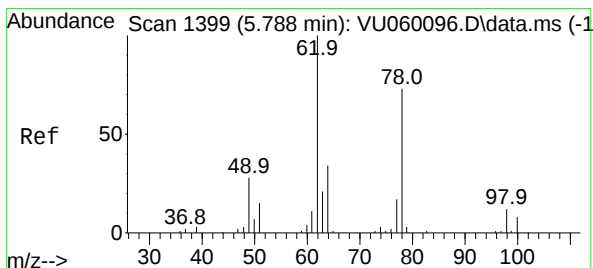
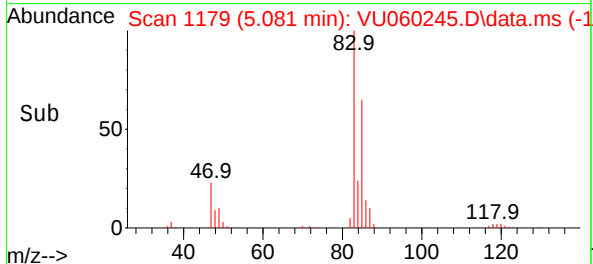
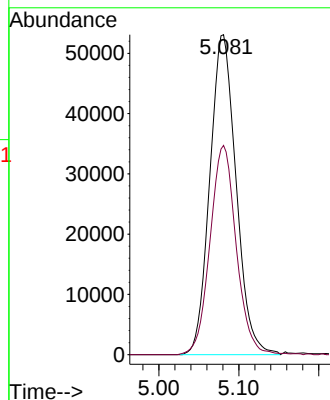
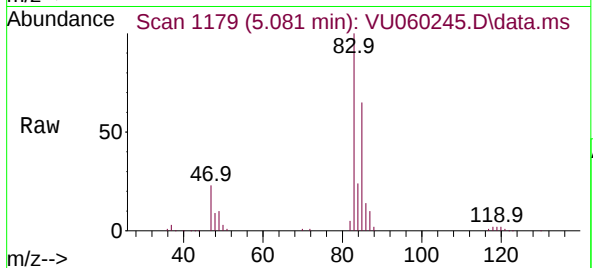




#25
Chloroform
Concen: 5.330 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

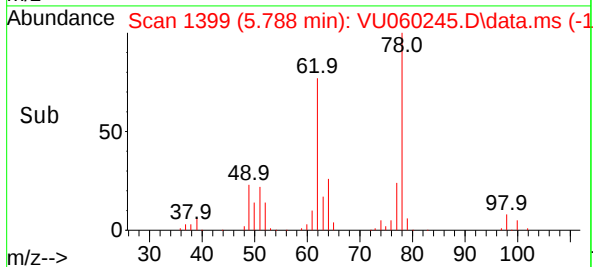
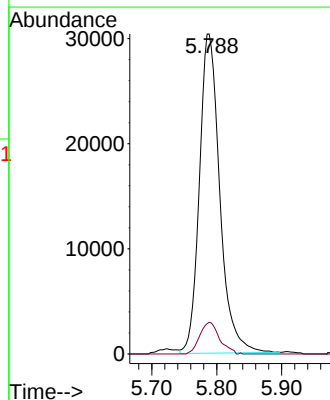
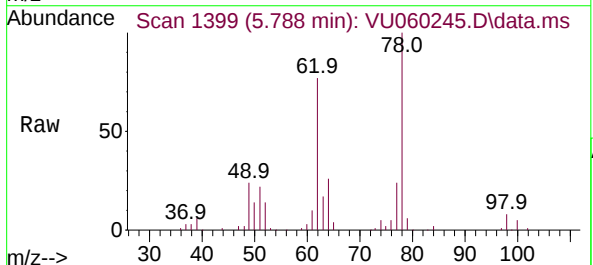
Instrument :
MSVOA_U
ClientSampleId :

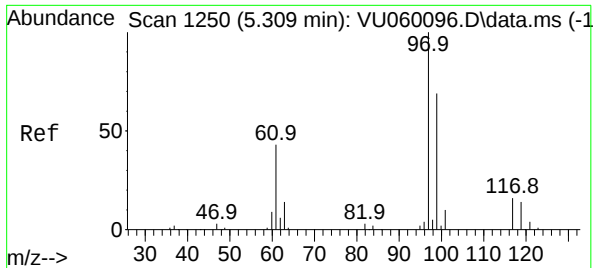
Tgt Ion: 83 Resp: 121073
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.114 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 62 Resp: 66403
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9

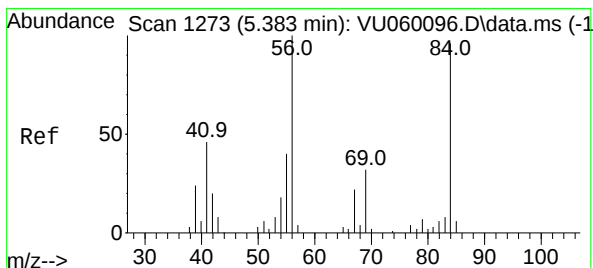
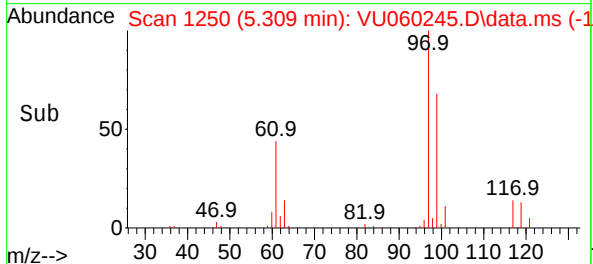
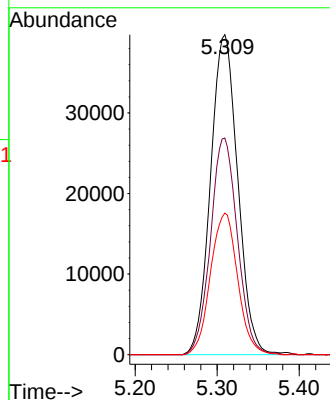
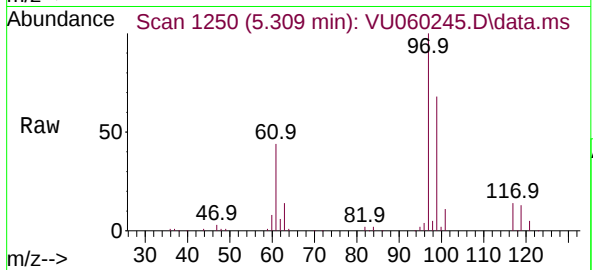




#29
1,1,1-Trichloroethane
Concen: 5.160 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

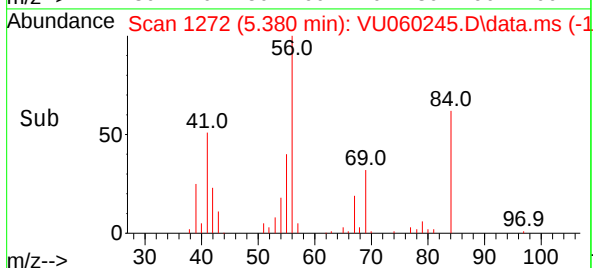
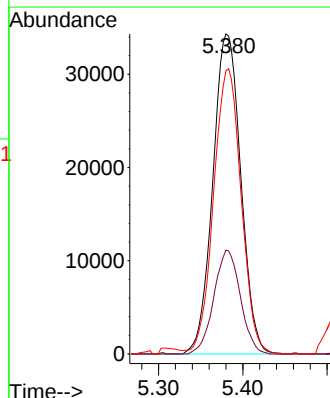
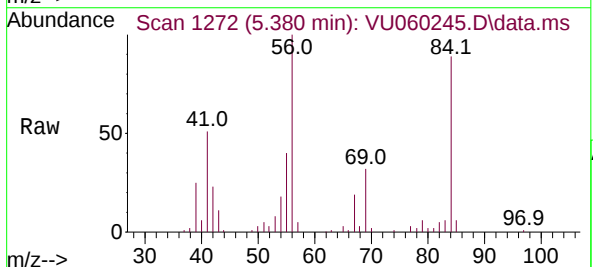
Instrument :
MSVOA_U
ClientSampleId :

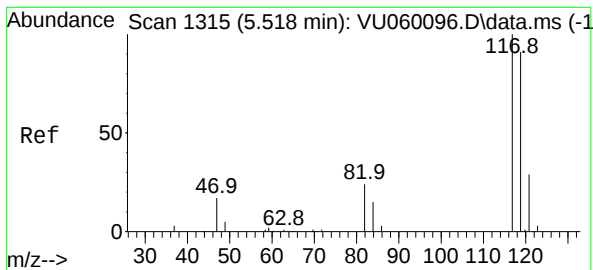
Tgt Ion: 97 Resp: 91756
Ion Ratio Lower Upper
97 100
99 67.0 51.0 76.4
61 44.2 34.1 51.1



#30
Cyclohexane
Concen: 5.617 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 56 Resp: 79001
Ion Ratio Lower Upper
56 100
69 30.7 26.6 39.8
84 88.1 77.2 115.8

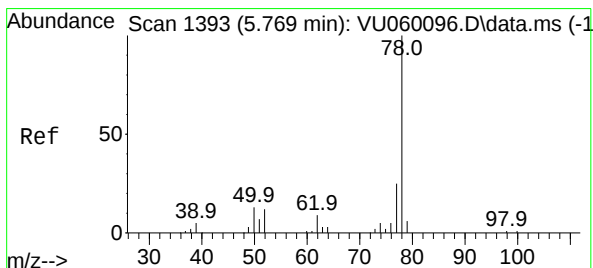
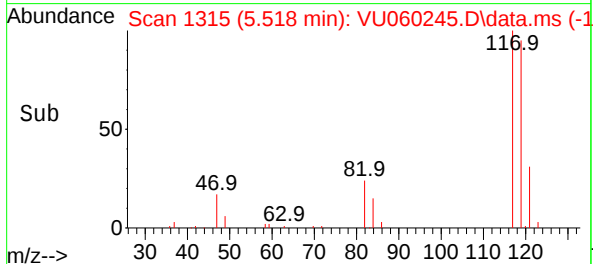
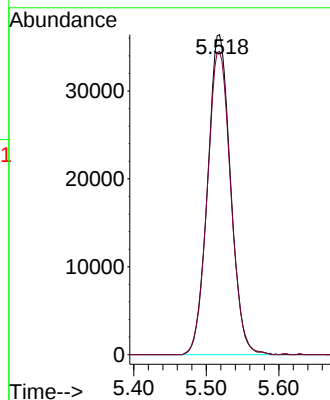
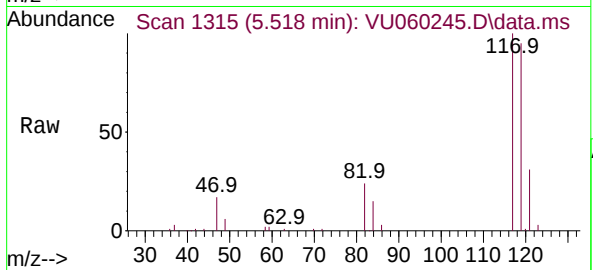




#31
Carbon tetrachloride
Concen: 5.204 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

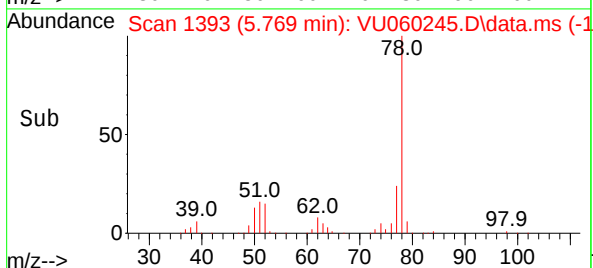
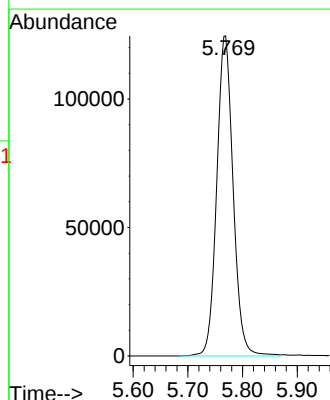
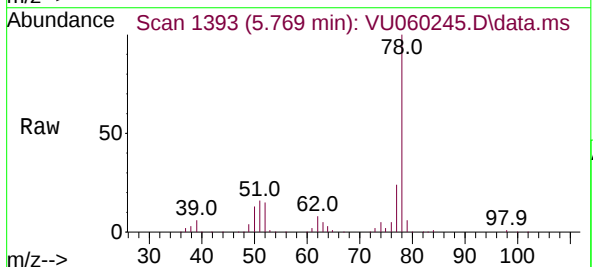
Instrument :
MSVOA_U
ClientSampleId :

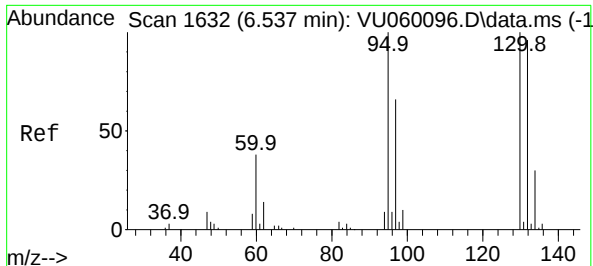
Tgt Ion:117 Resp: 79832
Ion Ratio Lower Upper
117 100
119 96.8 75.6 113.4



#33
Benzene
Concen: 5.508 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 78 Resp: 259057

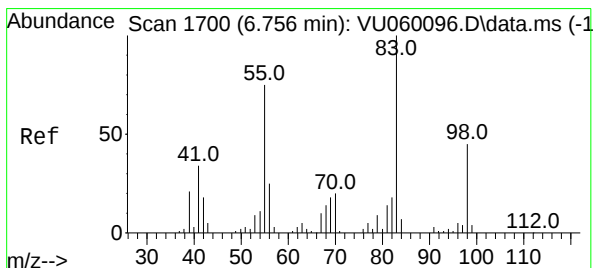
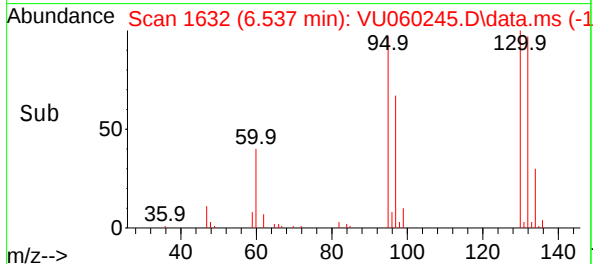
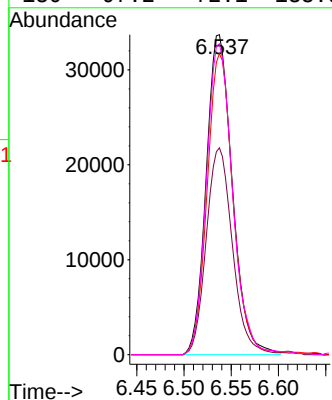
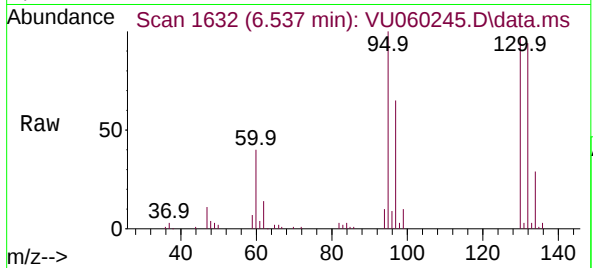




#34
Trichloroethene
Concen: 5.204 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

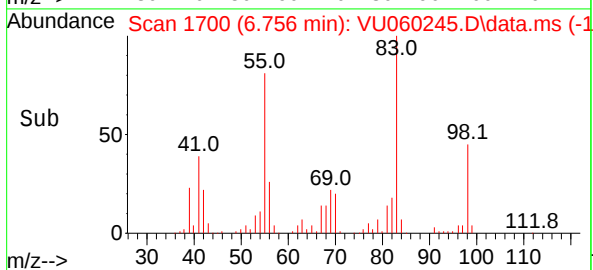
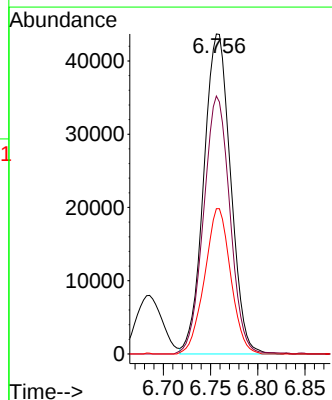
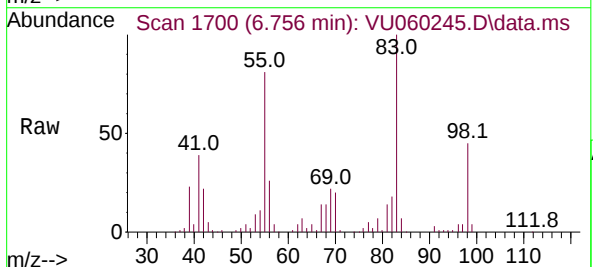
Instrument :
MSVOA_U
ClientSampleId :

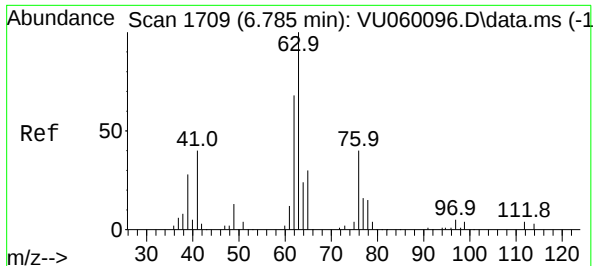
Tgt Ion: 95 Resp: 64913
Ion Ratio Lower Upper
95 100
97 64.7 45.9 85.3
132 94.1 71.4 132.6
130 97.2 72.1 133.9



#35
Methylcyclohexane
Concen: 5.280 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 83 Resp: 86343
Ion Ratio Lower Upper
83 100
55 79.1 56.7 85.1
98 44.1 36.6 55.0

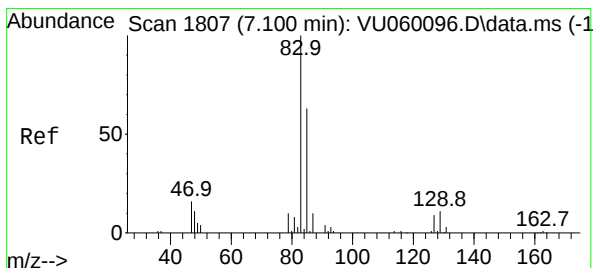
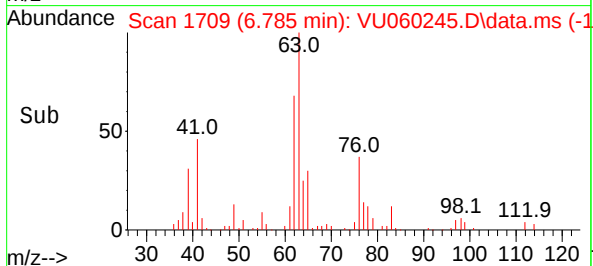
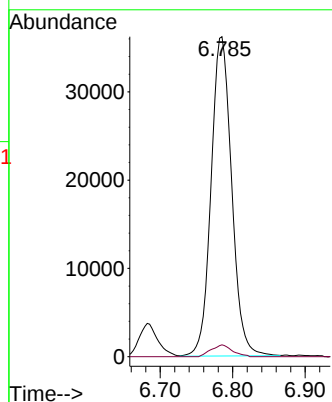
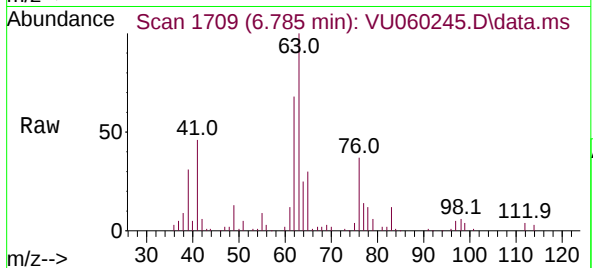




#37
1,2-Dichloropropane
Concen: 5.615 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

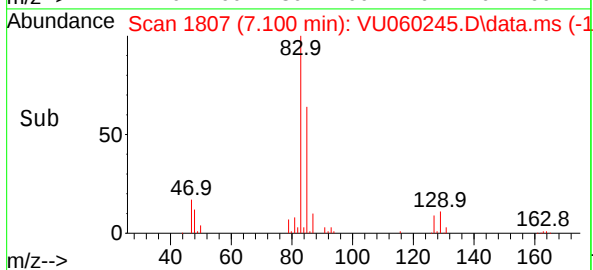
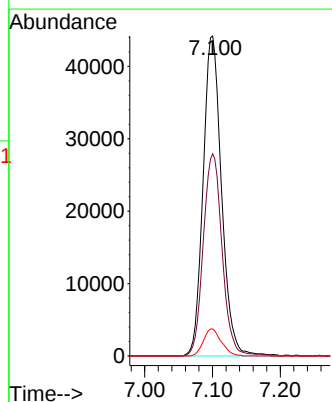
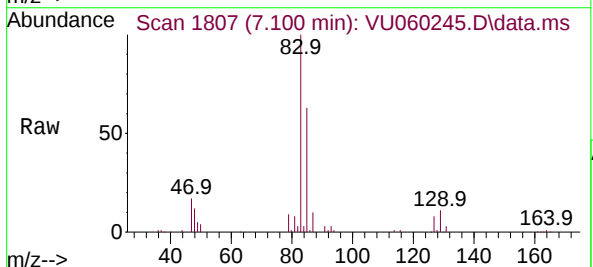
Instrument :
MSVOA_U
ClientSampleId :

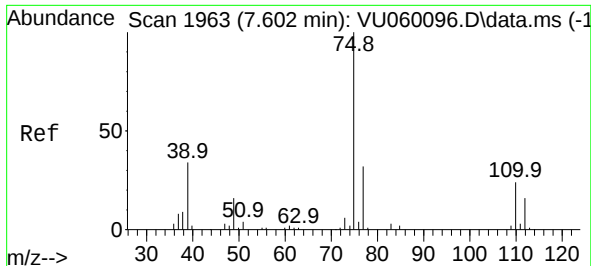
Tgt Ion: 63 Resp: 71344
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 5.253 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 83 Resp: 83622
Ion Ratio Lower Upper
83 100
85 63.2 43.5 80.7
127 8.4 7.1 10.7

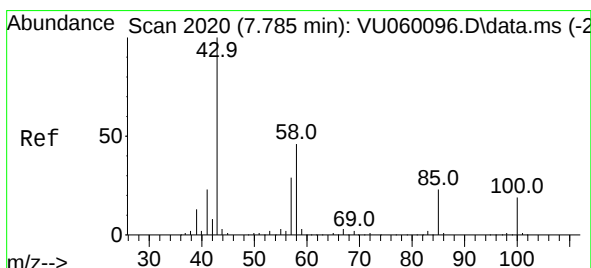
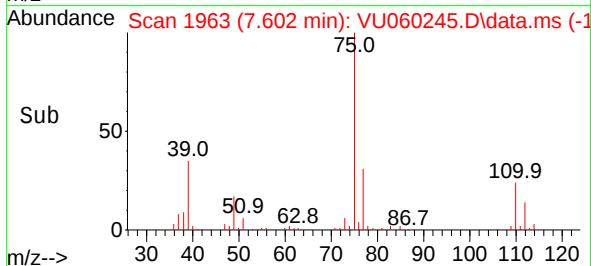
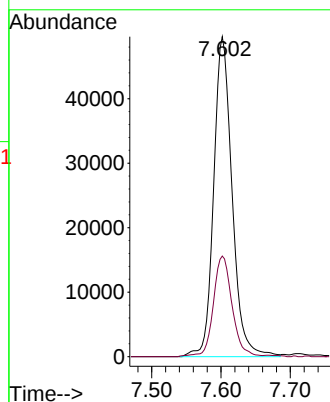
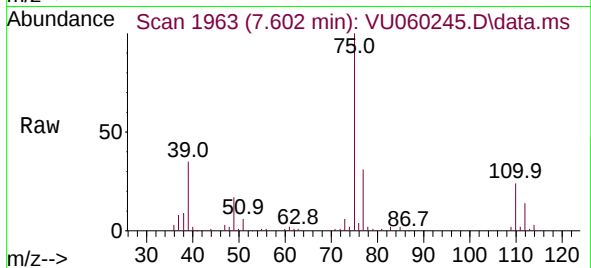




#39
 cis-1,3-Dichloropropene
 Concen: 5.519 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060245.D
 Acq: 29 Jul 2024 10:32

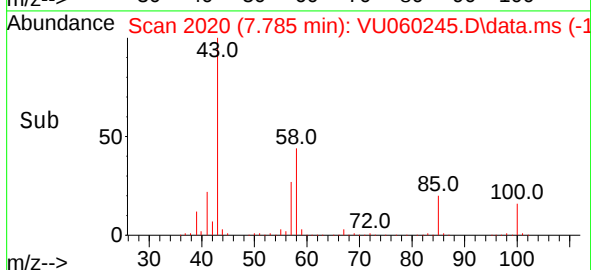
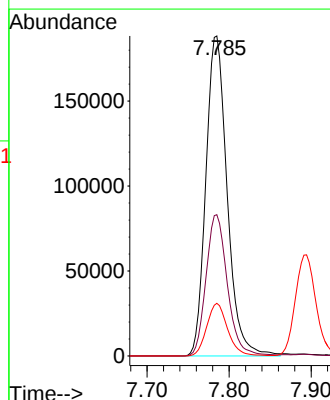
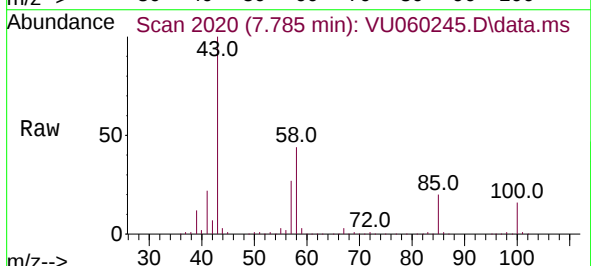
Instrument :
 MSVOA_U
 ClientSampleId :

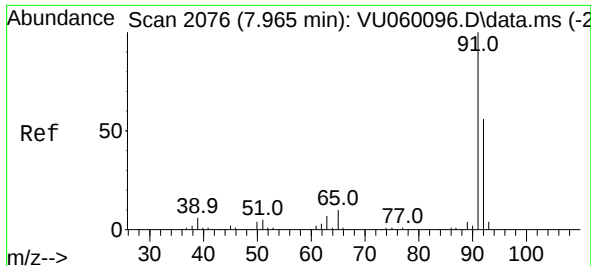
Tgt Ion: 75 Resp: 91635
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 60.404 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060245.D
 Acq: 29 Jul 2024 10:32

Tgt Ion: 43 Resp: 339624
 Ion Ratio Lower Upper
 43 100
 58 44.3 36.0 54.0
 100 16.2 14.9 22.3





#42

Toluene

Concen: 5.466 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

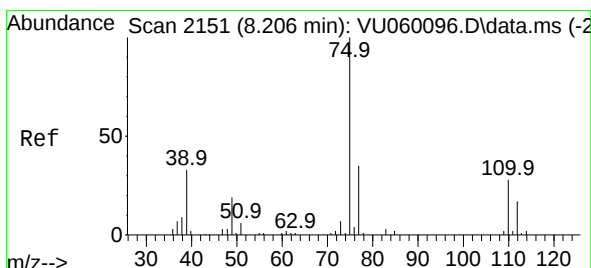
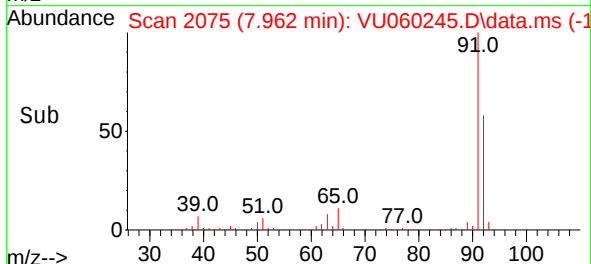
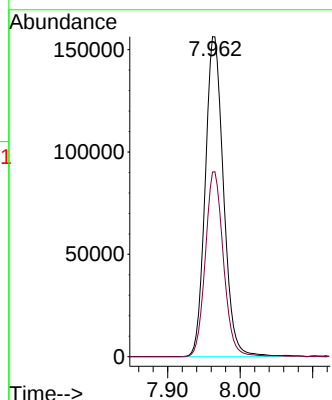
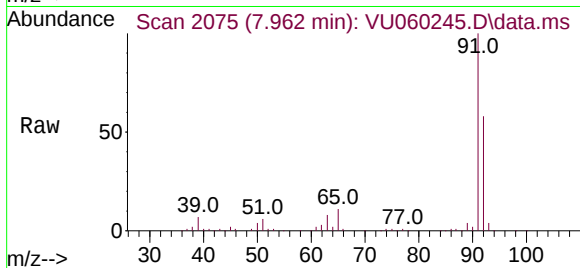
ClientSampleId :

Tgt Ion: 91 Resp: 273574

Ion Ratio Lower Upper

91 100

92 57.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 5.361 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060245.D

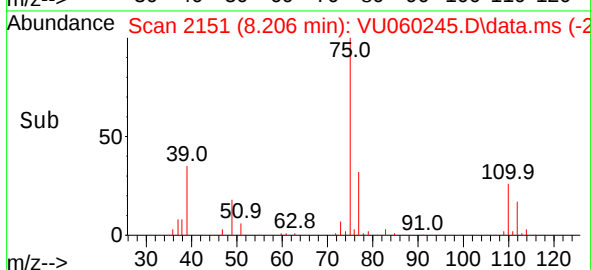
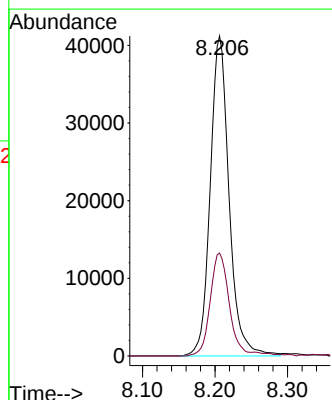
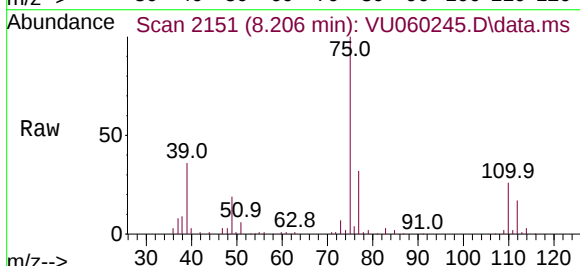
Acq: 29 Jul 2024 10:32

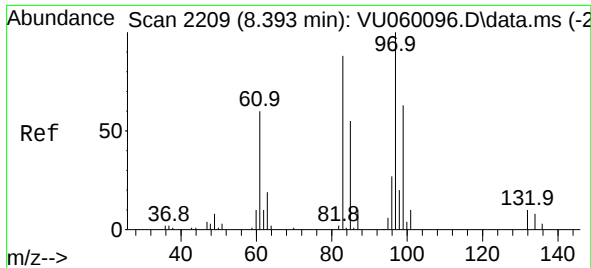
Tgt Ion: 75 Resp: 74366

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0

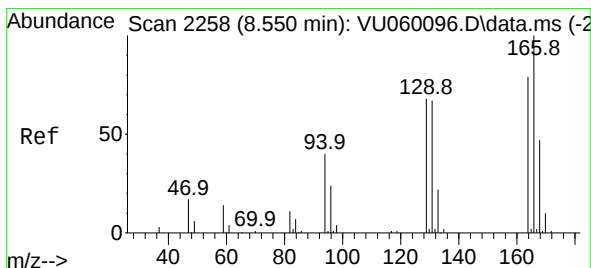
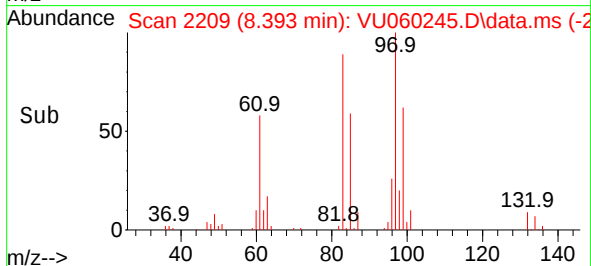
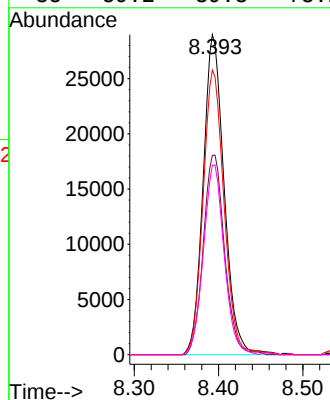
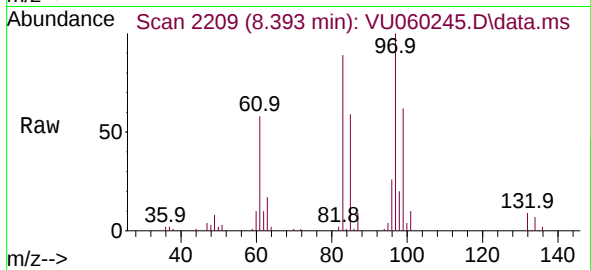




#45
1,1,2-Trichloroethane
Concen: 5.177 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

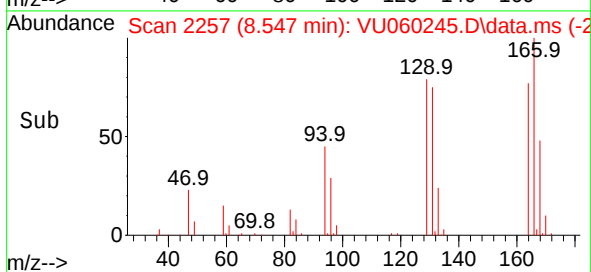
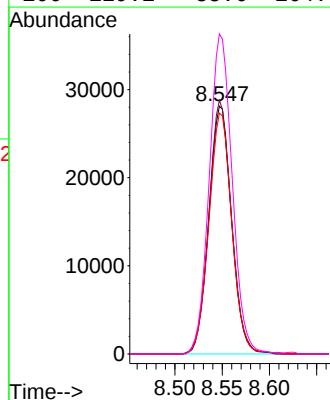
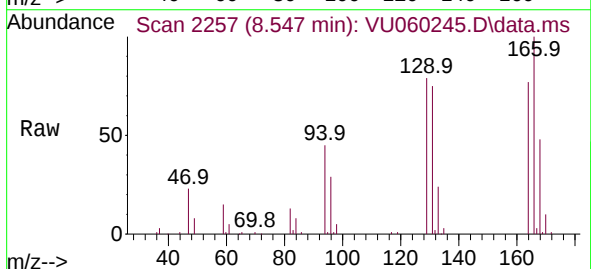
Instrument :
MSVOA_U
ClientSampleId :

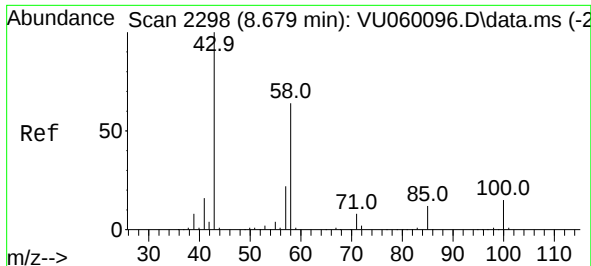
Tgt Ion:	97	Resp:	50269
Ion Ratio	Lower	Upper	
97	100		
99	62.3	43.8	81.4
83	89.0	62.1	115.3
85	59.2	39.3	73.1



#47
Tetrachloroethene
Concen: 4.588 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

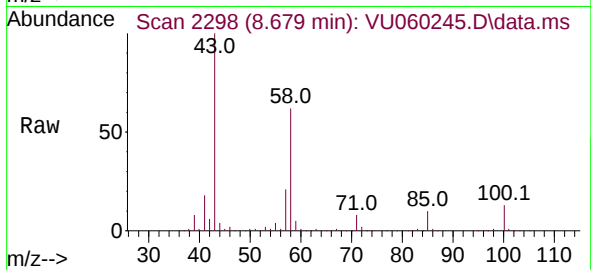
Tgt Ion:	164	Resp:	47315
Ion Ratio	Lower	Upper	
164	100		
129	102.4	64.6	120.0
131	97.2	61.2	113.8
166	129.1	88.6	164.6



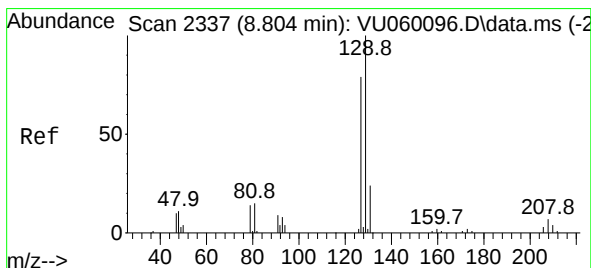
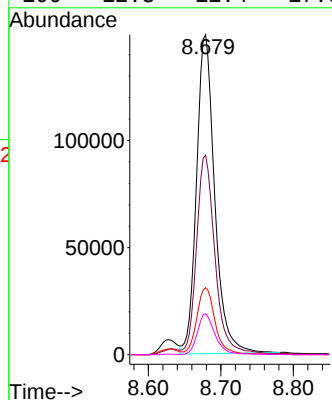
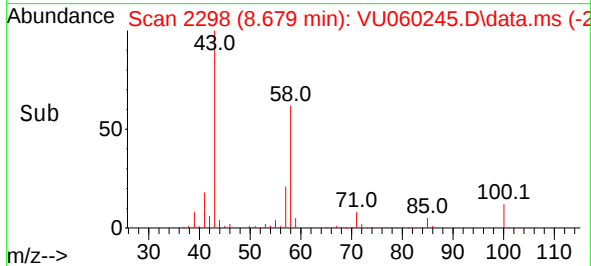


#48
2-Hexanone
Concen: 63.176 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Instrument :
MSVOA_U
ClientSampleId :

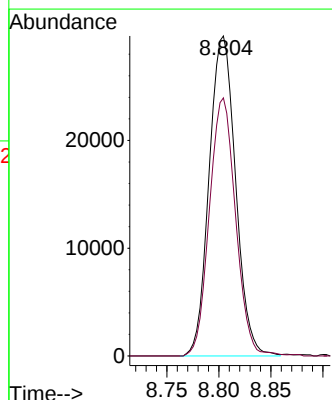
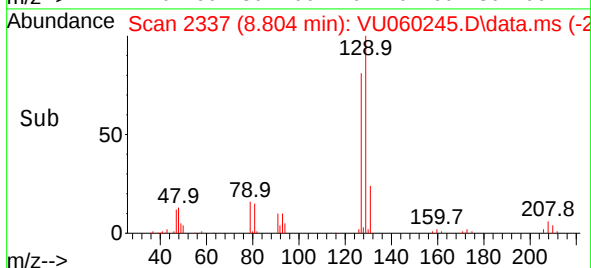
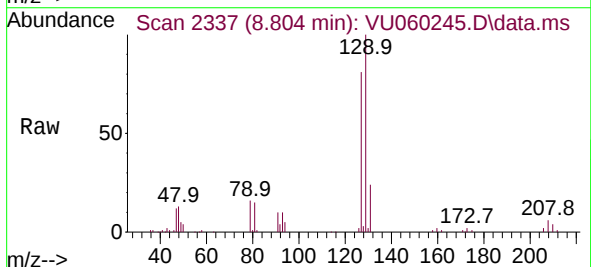


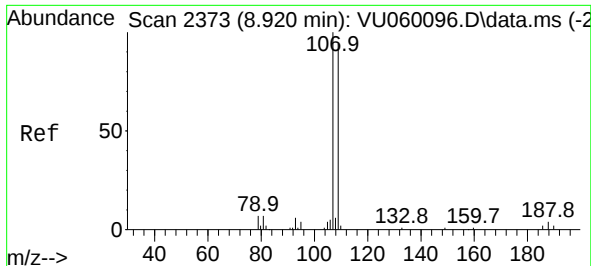
Tgt Ion: 43 Resp: 260082
Ion Ratio Lower Upper
43 100
58 63.2 52.6 78.8
57 20.8 17.8 26.8
100 12.3 11.4 17.0



#49
Dibromochloromethane
Concen: 4.900 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion: 129 Resp: 52625
Ion Ratio Lower Upper
129 100
127 80.7 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.984 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.003 min MSVOA_U

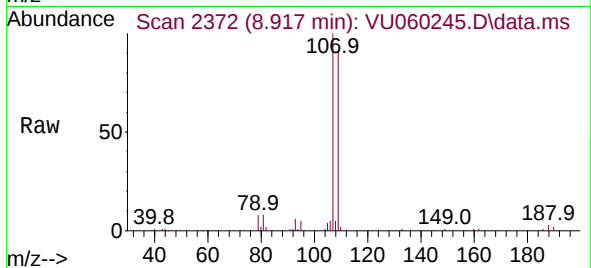
Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :



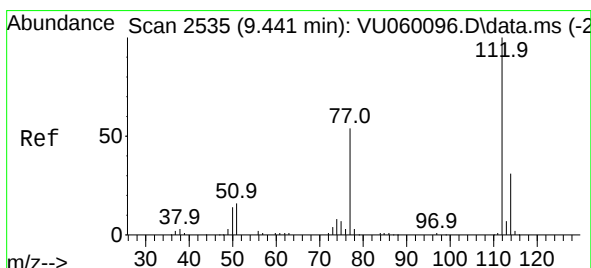
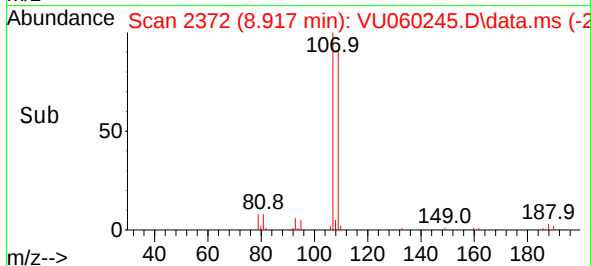
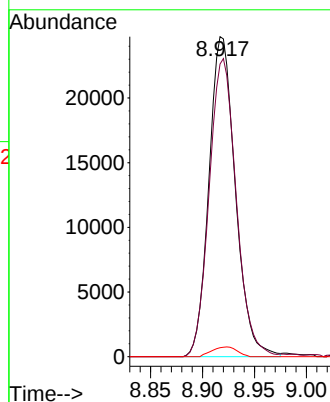
Tgt Ion:107 Resp: 43751

Ion Ratio Lower Upper

107 100

109 91.5 64.0 118.8

188 2.8 3.0 4.6#



#51

Chlorobenzene

Concen: 5.128 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

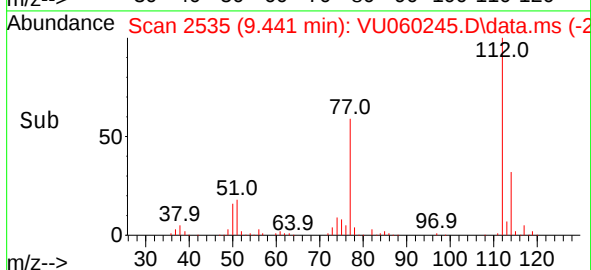
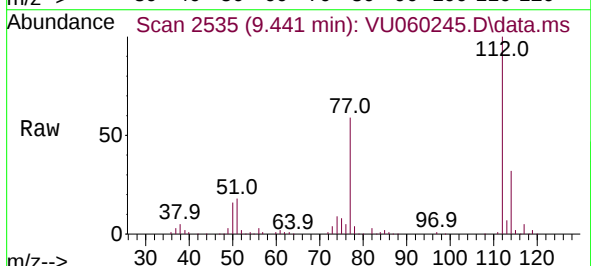
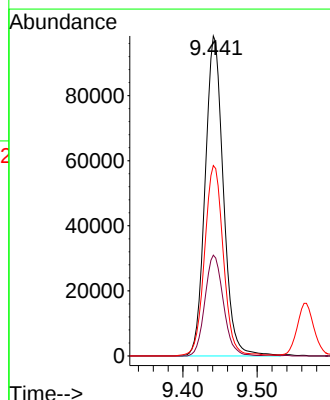
Tgt Ion:112 Resp: 167690

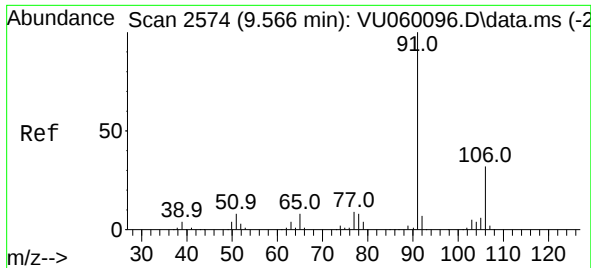
Ion Ratio Lower Upper

112 100

114 31.5 22.1 41.1

77 59.5 44.7 67.1

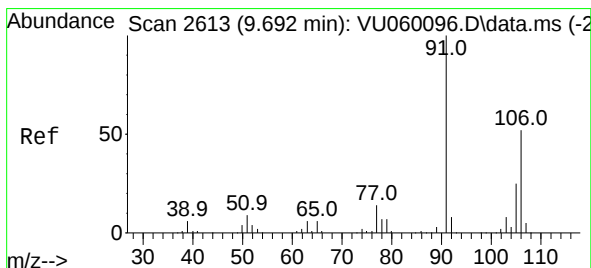
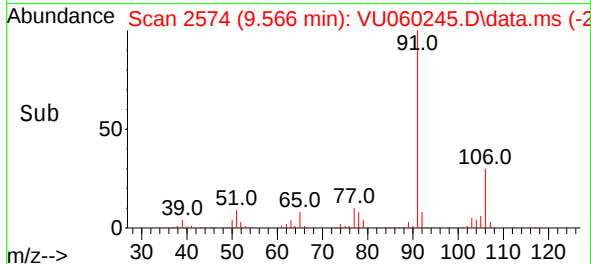
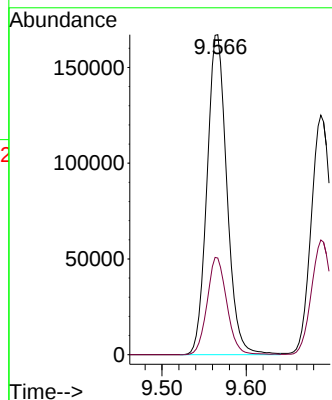
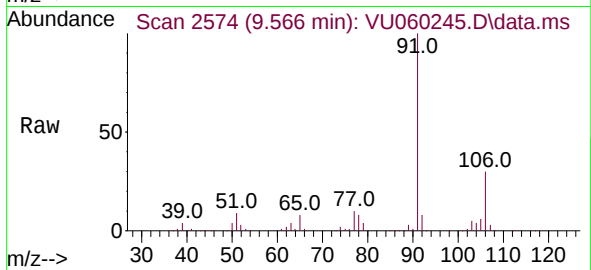




#52
Ethylbenzene
Concen: 5.490 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

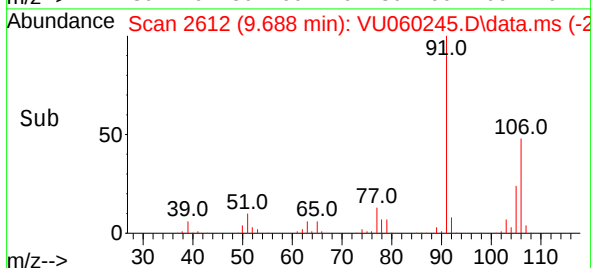
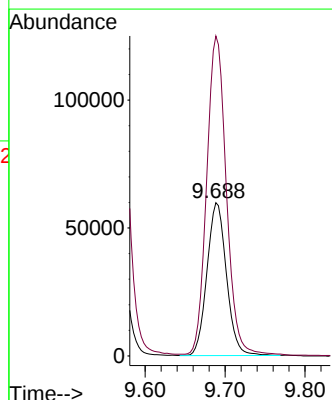
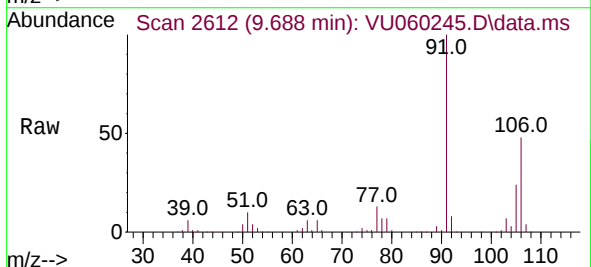
Instrument :
MSVOA_U
ClientSampleId :

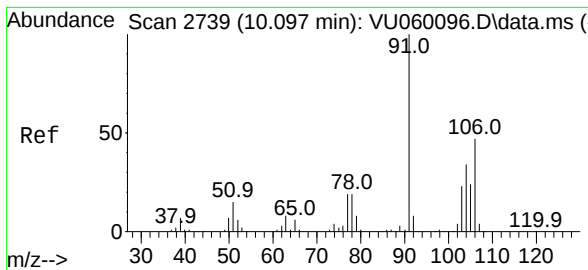
Tgt Ion: 91 Resp: 274050
Ion Ratio Lower Upper
91 100
106 30.2 21.9 40.7



#53
m,p-Xylene
Concen: 5.258 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion:106 Resp: 101389
Ion Ratio Lower Upper
106 100
91 208.8 141.3 262.5

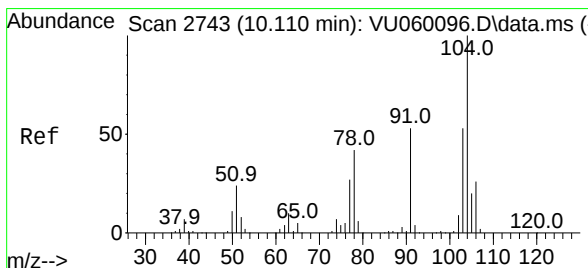
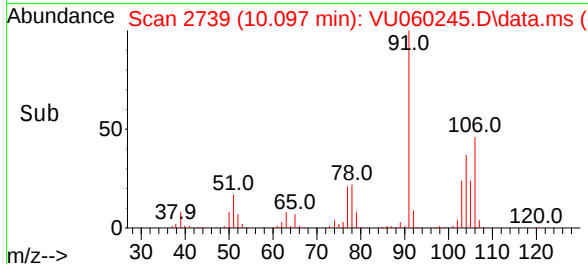
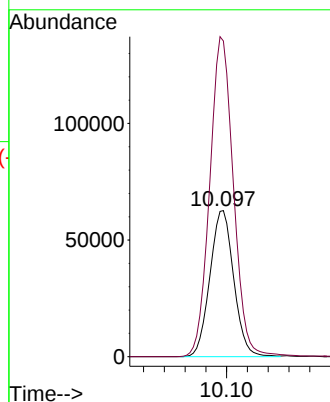
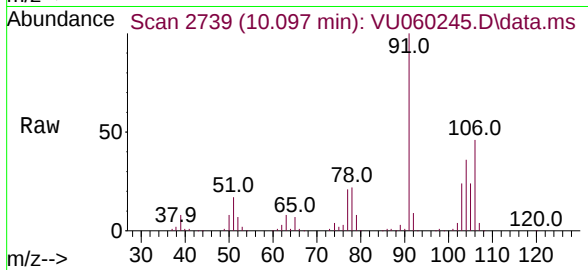




#54
o-Xylene
Concen: 5.409 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

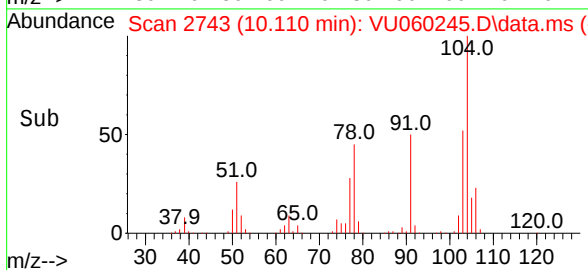
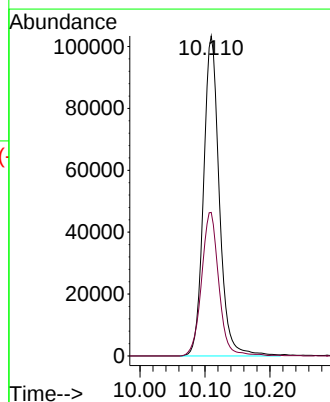
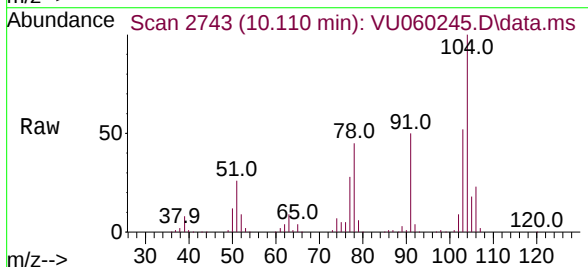
Instrument :
MSVOA_U
ClientSampleId :

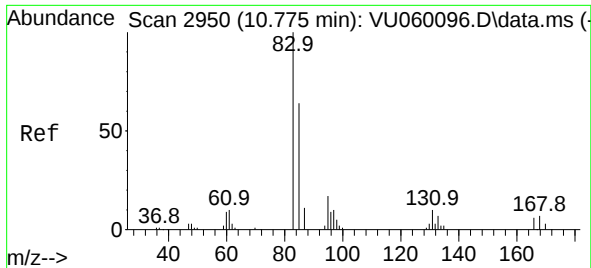
Tgt Ion:106 Resp: 99742
Ion Ratio Lower Upper
106 100
91 216.0 143.6 266.6



#55
Styrene
Concen: 5.593 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060245.D
Acq: 29 Jul 2024 10:32

Tgt Ion:104 Resp: 175550
Ion Ratio Lower Upper
104 100
78 44.9 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.359 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

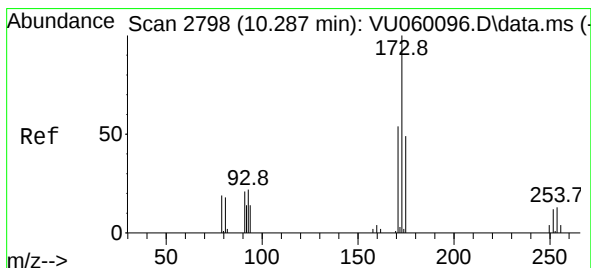
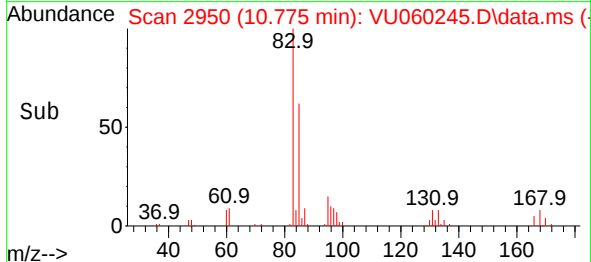
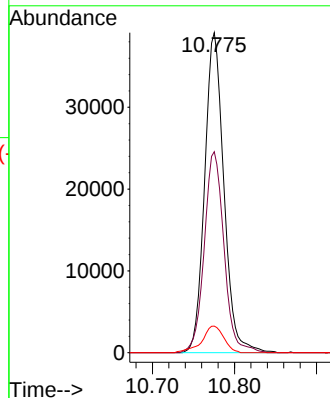
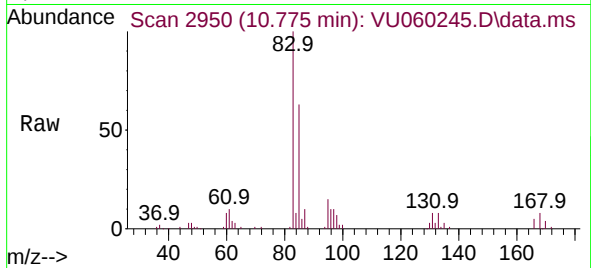
Tgt Ion: 83 Resp: 63658

Ion Ratio Lower Upper

83 100

85 62.8 46.8 87.0

131 8.3 7.8 11.6



#59

Bromoform

Concen: 4.889 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

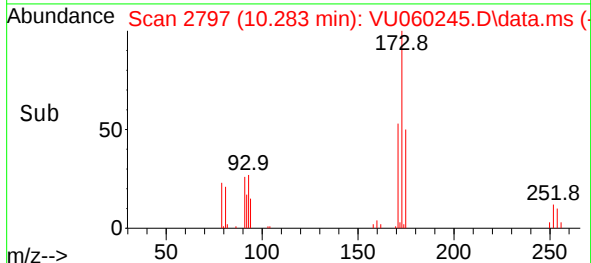
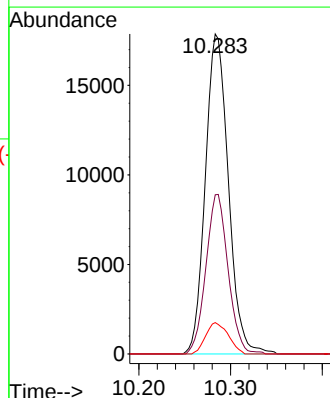
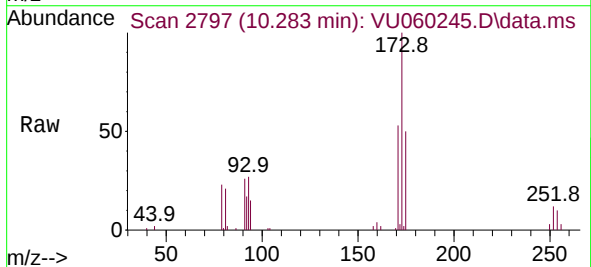
Tgt Ion:173 Resp: 31155

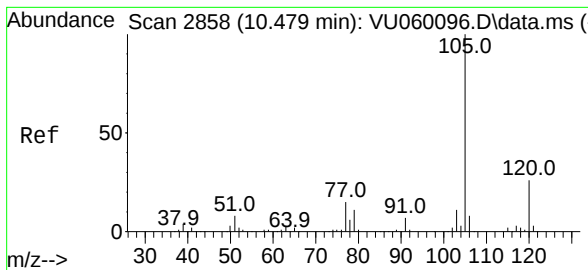
Ion Ratio Lower Upper

173 100

175 48.1 38.7 58.1

254 9.6 9.0 13.4





#60

Isopropylbenzene

Concen: 5.850 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

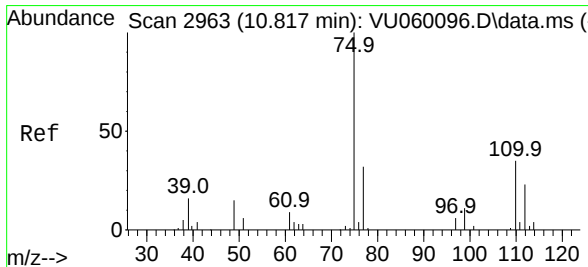
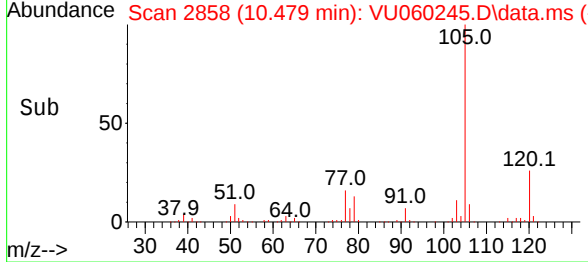
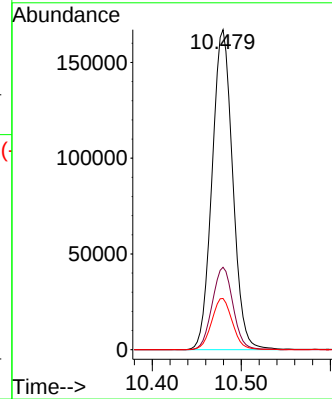
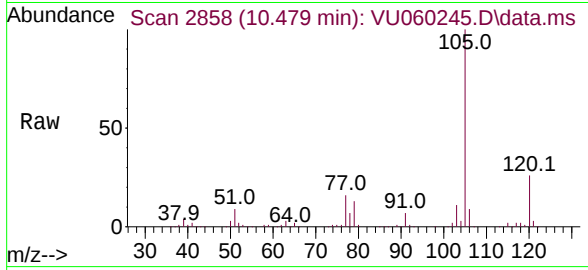
Tgt Ion:105 Resp: 268317

Ion Ratio Lower Upper

105 100

120 26.0 21.9 32.9

77 16.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.595 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

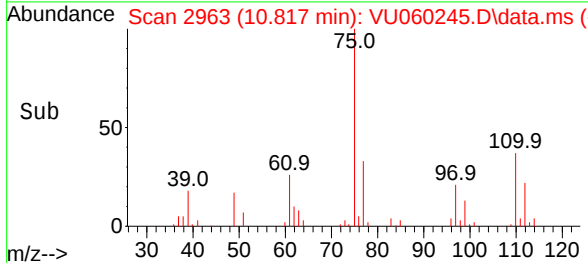
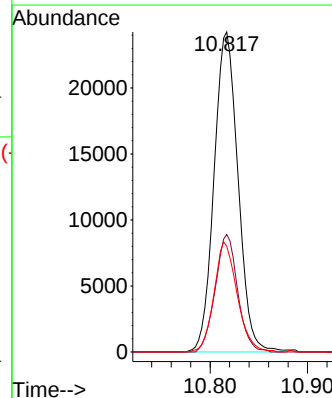
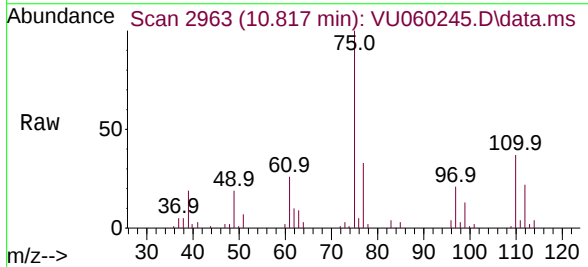
Tgt Ion: 75 Resp: 41367

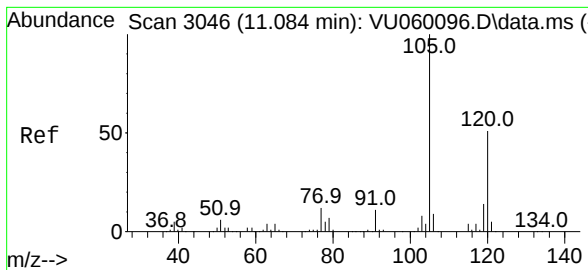
Ion Ratio Lower Upper

75 100

110 34.4 30.8 46.2

77 33.2 26.2 39.2

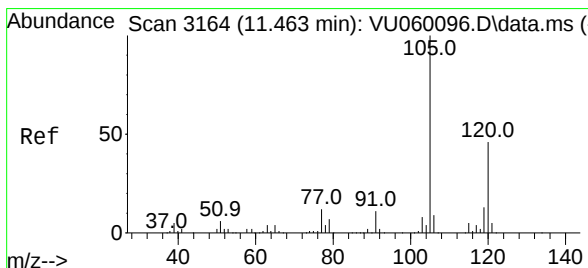
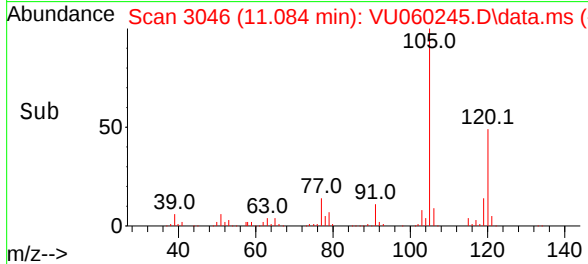
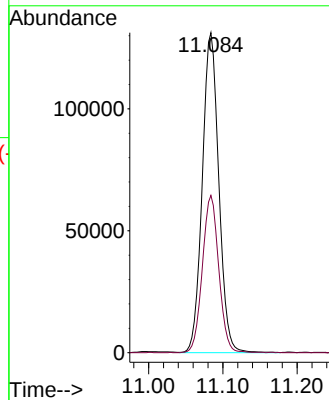
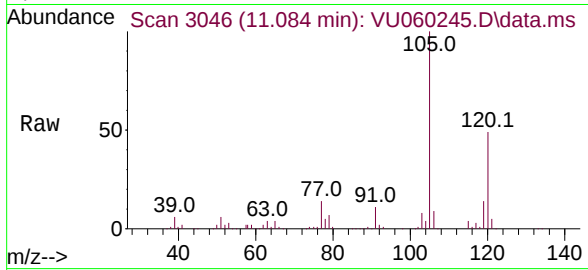




#62
 1,3,5-Trimethylbenzene
 Concen: 5.784 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU060245.D
 Acq: 29 Jul 2024 10:32

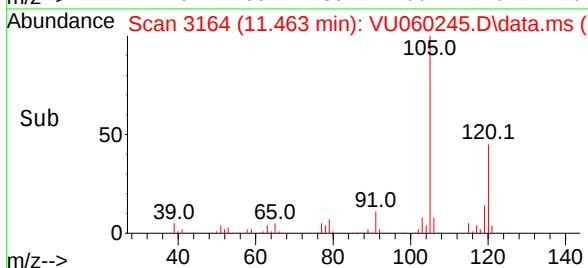
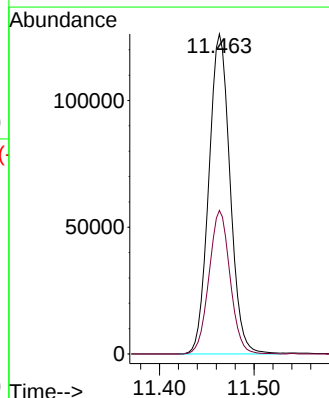
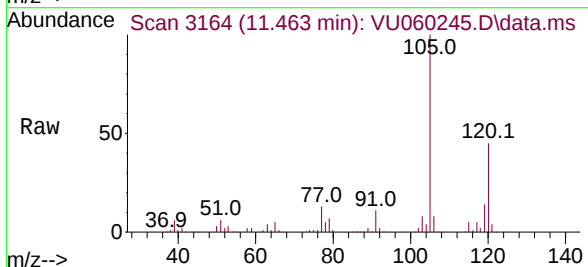
Instrument :
 MSVOA_U
 ClientSampleId :

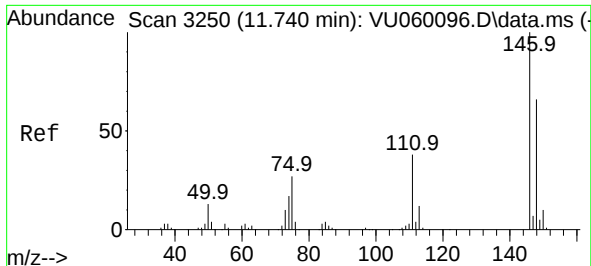
Tgt Ion:105 Resp: 202688
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.823 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU060245.D
 Acq: 29 Jul 2024 10:32

Tgt Ion:105 Resp: 197178
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.268 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

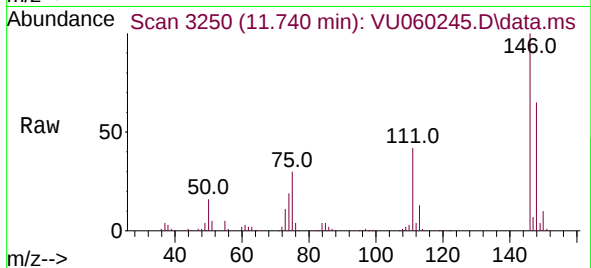
Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :



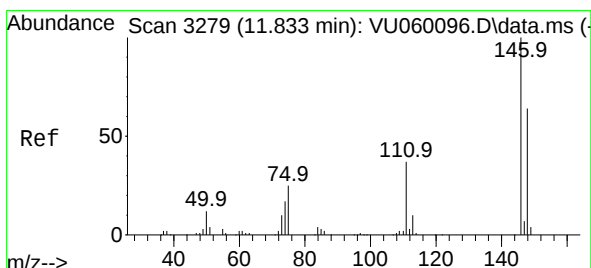
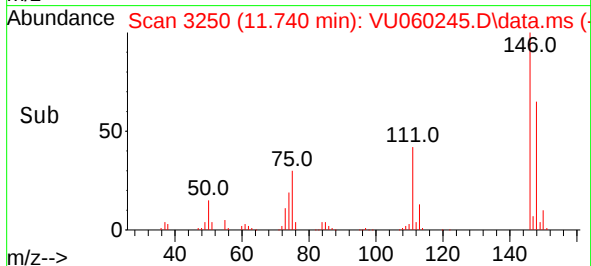
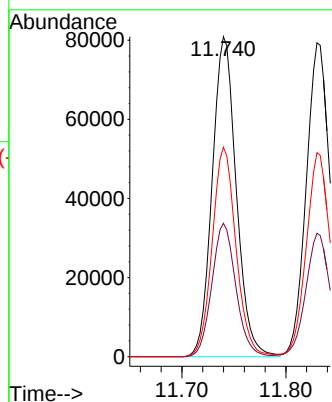
Tgt Ion:146 Resp: 130001

Ion Ratio Lower Upper

146 100

111 41.7 27.2 50.4

148 65.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 5.162 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

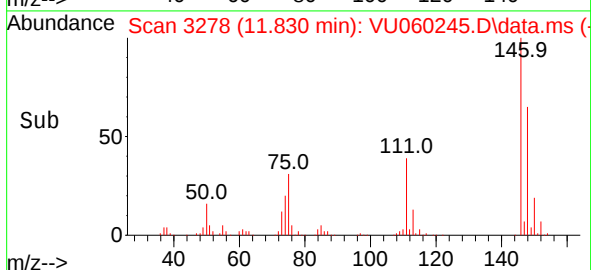
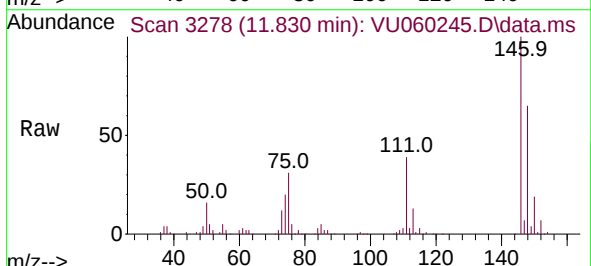
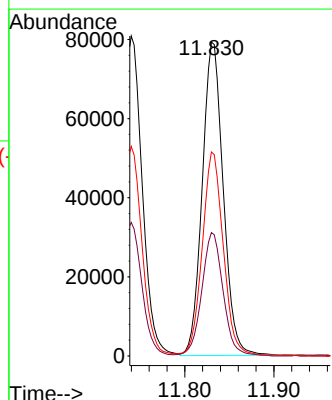
Tgt Ion:146 Resp: 129677

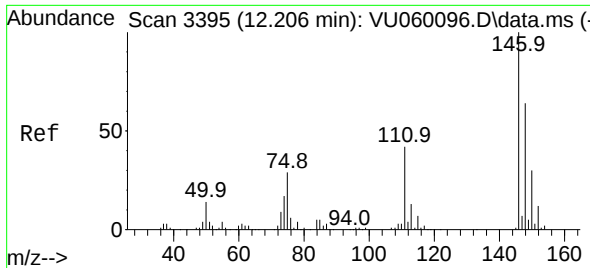
Ion Ratio Lower Upper

146 100

111 39.3 26.5 49.1

148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.133 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

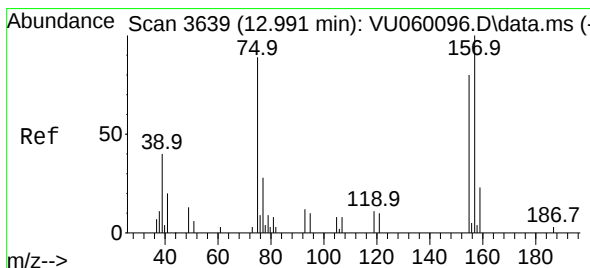
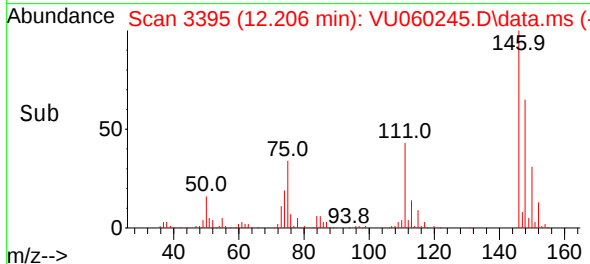
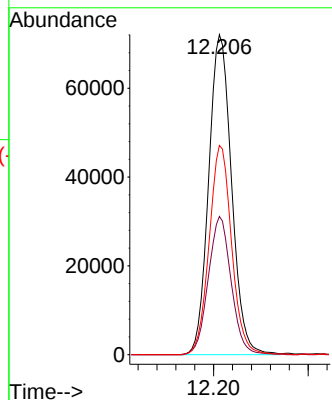
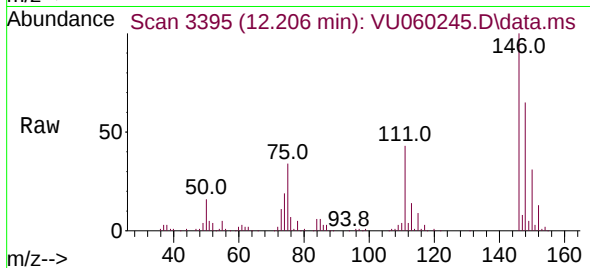
Tgt Ion:146 Resp: 121265

Ion Ratio Lower Upper

146 100

111 43.2 30.9 46.3

148 65.4 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.842 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

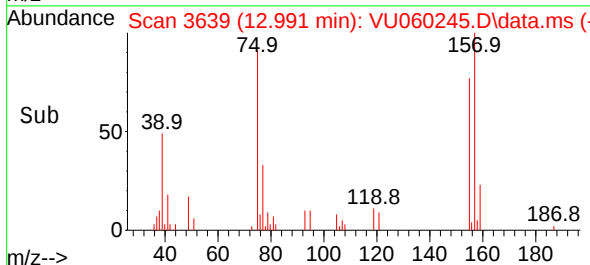
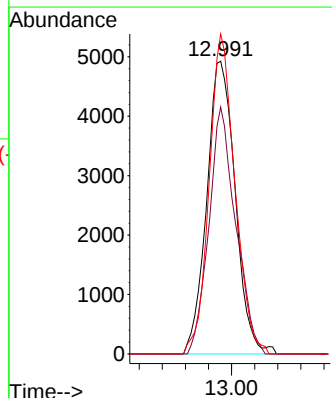
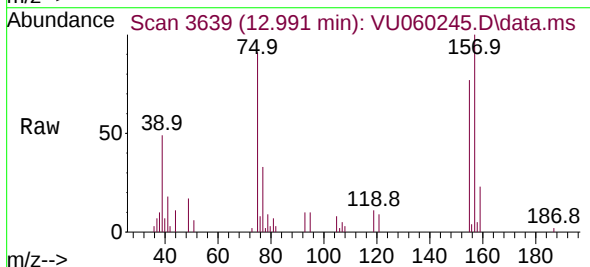
Tgt Ion: 75 Resp: 8418

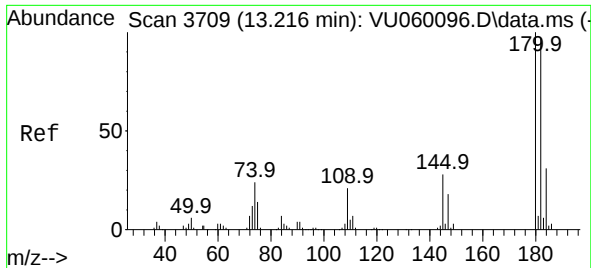
Ion Ratio Lower Upper

75 100

155 84.3 70.6 105.8

157 109.3 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.985 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

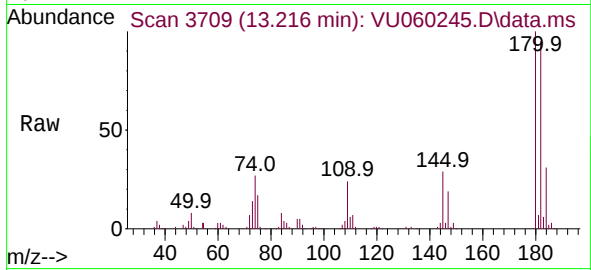
Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 92844

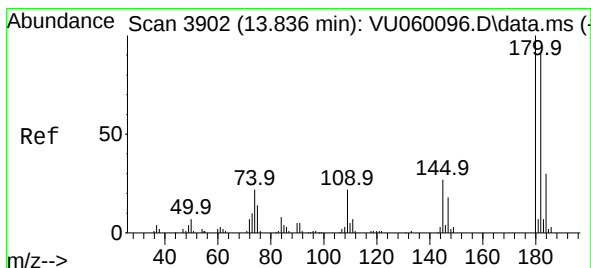
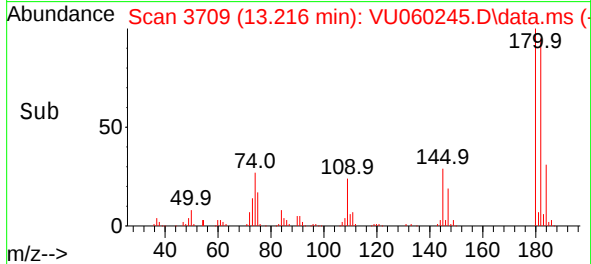
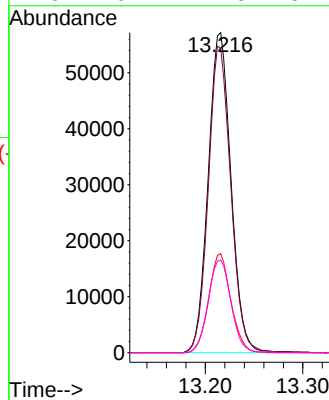
Ion Ratio Lower Upper

180 100

182 94.7 74.6 111.8

184 30.1 23.1 34.7

145 29.1 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.995 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

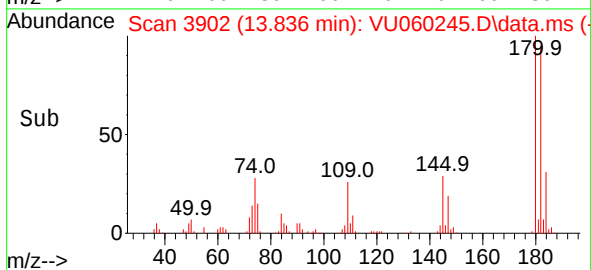
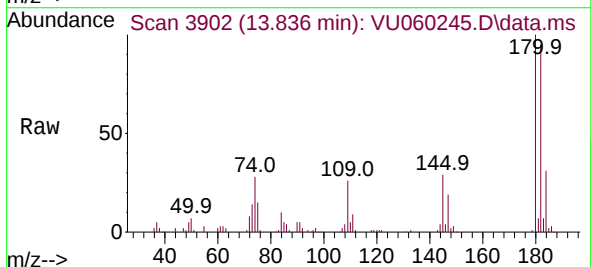
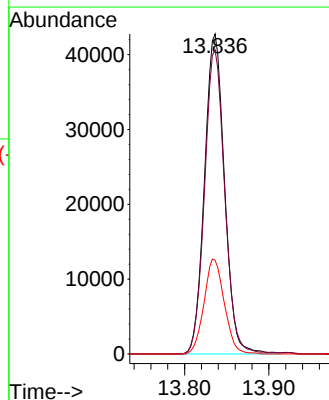
Tgt Ion:180 Resp: 70806

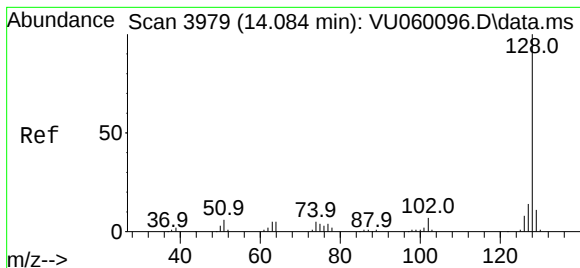
Ion Ratio Lower Upper

180 100

182 95.7 77.2 115.8

145 30.0 23.0 34.4





#71

Naphthalene

Concen: 5.238 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

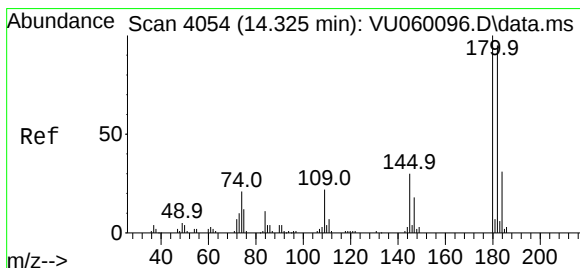
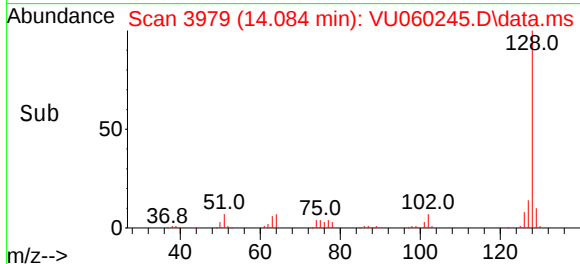
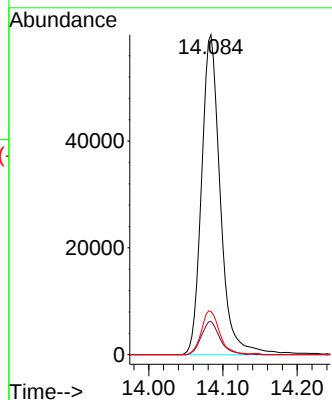
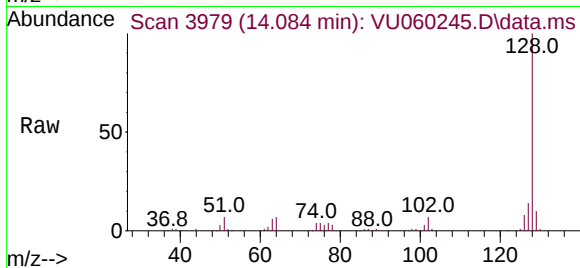
Tgt Ion:128 Resp: 105202

Ion Ratio Lower Upper

128 100

129 10.3 8.2 12.4

127 13.4 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.013 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU060245.D

Acq: 29 Jul 2024 10:32

Tgt Ion:180 Resp: 63915

Ion Ratio Lower Upper

180 100

182 96.9 76.3 114.5

145 31.5 23.9 35.9

