

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061731.D
 Acq On : 15 Nov 2024 19:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	176417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48958	4.295	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.908	69	51636	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.560	65	21473	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.624	46	130514	53.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	5.052	84	111919	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	54087	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	220501	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	66631	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.891	98	200074	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	23185	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.628	63	113447	56.519	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56953	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	71420	4.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	68167	5.199	ug/L	98
3) Chloromethane	1.515	50	59762	5.024	ug/L	99
5) Vinyl chloride	1.599	62	69187	5.271	ug/L	98
6) Bromomethane	1.853	94	40957	5.229	ug/L	95
8) Chloroethane	1.930	64	55513	6.096	ug/L	98
9) Trichlorofluoromethane	2.133	101	99325	5.147	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61109	5.357	ug/L	98
12) 1,1-Dichloroethene	2.573	96	55766	5.236	ug/L	90
13) Acetone	2.637	43	83327	54.667	ug/L	99
14) Carbon disulfide	2.785	76	165986	4.853	ug/L	99
15) Methyl Acetate	2.953	43	20054	5.266	ug/L	98
16) Methylene chloride	3.036	84	66408	5.411	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	140717	5.391	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	61171	5.237	ug/L	96
19) 1,1-Dichloroethane	3.859	63	113315	5.321	ug/L	97
21) 2-Butanone	4.705	43	134763	54.135	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	70170	5.326	ug/L	98
23) Bromochloromethane	4.965	128	31865	5.446	ug/L	97
25) Chloroform	5.078	83	120302	5.359	ug/L	97

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

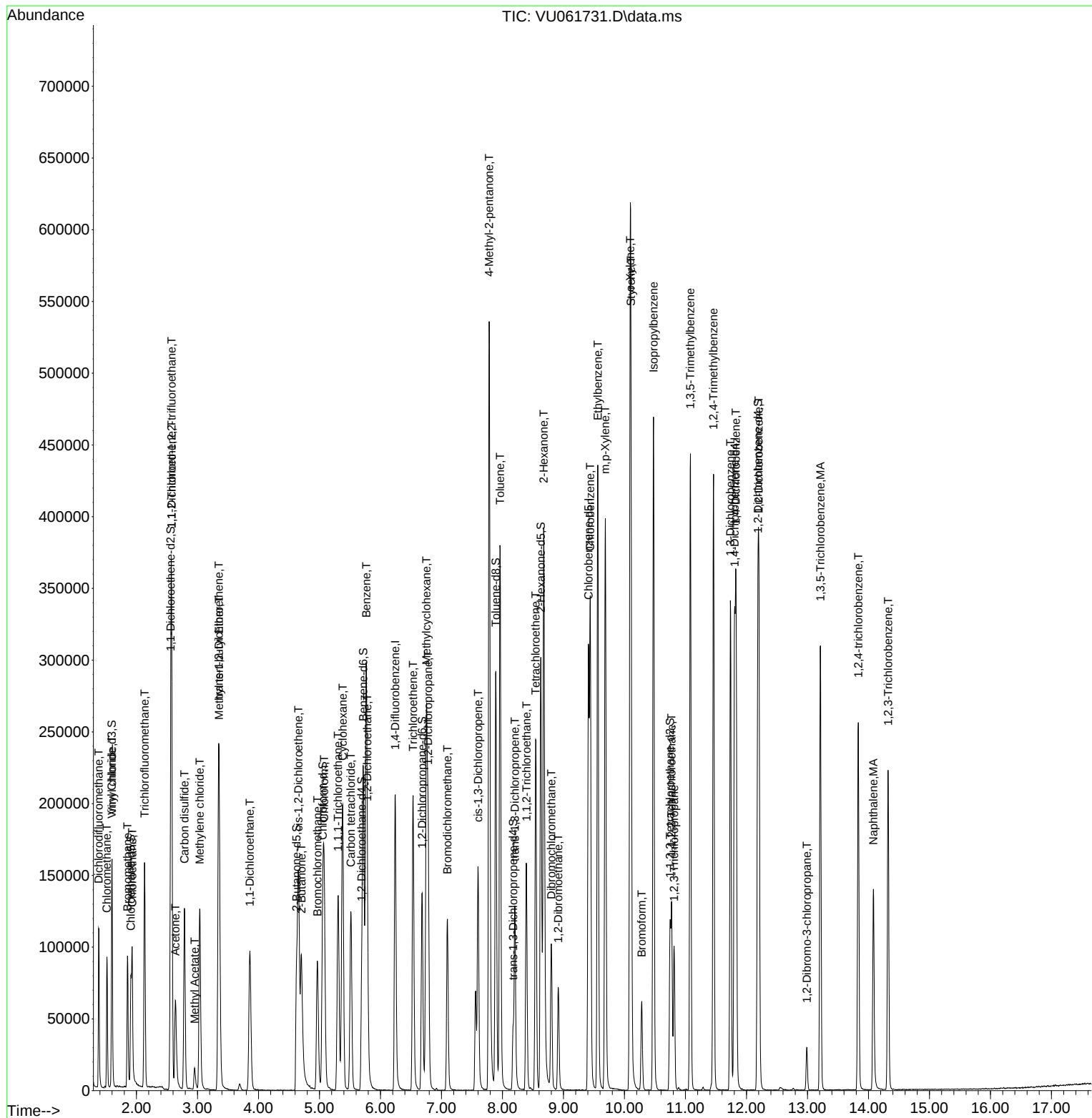
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	74579	5.295	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	98972	5.146	ug/L	100
30) Cyclohexane	5.380	56	99306	5.169	ug/L	99
31) Carbon tetrachloride	5.515	117	85751	5.235	ug/L	100
33) Benzene	5.766	78	269922	5.277	ug/L	100
34) Trichloroethene	6.534	95	71373	5.168	ug/L	97
35) Methylcyclohexane	6.753	83	109375	5.251	ug/L	100
37) 1,2-Dichloropropane	6.782	63	69405	5.348	ug/L	99
38) Bromodichloromethane	7.097	83	79825	5.127	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	95823	5.188	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	346413	55.675	ug/L	99
42) Toluene	7.962	91	293683	5.332	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75636	5.163	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	50964	5.387	ug/L	98
47) Tetrachloroethene	8.544	164	53608	5.165	ug/L	98
48) 2-Hexanone	8.676	43	252922	56.850	ug/L	99
49) Dibromochloromethane	8.801	129	51489	5.191	ug/L	100
50) 1,2-Dibromoethane	8.914	107	47996	5.379	ug/L	97
51) Chlorobenzene	9.438	112	188234	5.310	ug/L	99
52) Ethylbenzene	9.563	91	313913	5.351	ug/L	99
53) m,p-Xylene	9.685	106	119976	5.345	ug/L	99
54) o-Xylene	10.094	106	117574	5.389	ug/L	98
55) Styrene	10.107	104	191204	5.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	62375	5.418	ug/L	94
59) Bromoform	10.283	173	27935	5.084	ug/L	100
60) Isopropylbenzene	10.476	105	311948	5.418	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41958	5.365	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	244198	5.298	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	243058	5.417	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	139896	5.299	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	139384	5.199	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	128927	5.251	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7388	5.410	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	99015	5.371	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	80002	5.600	ug/L	98
71) Naphthalene	14.081	128	122971	5.996	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	69307	5.779	ug/L	99

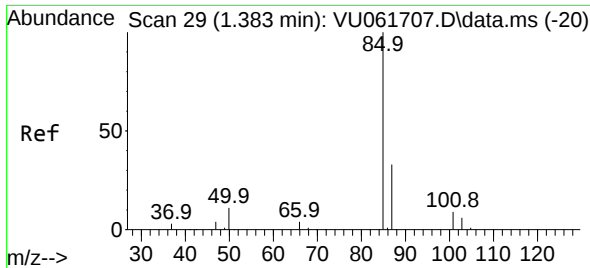
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 22:26:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
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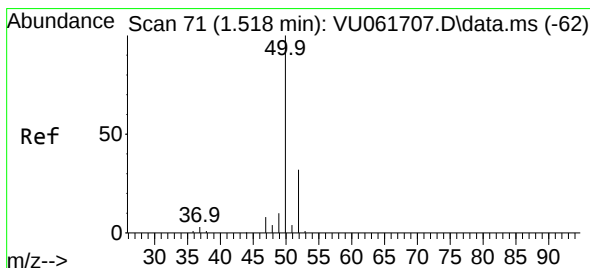
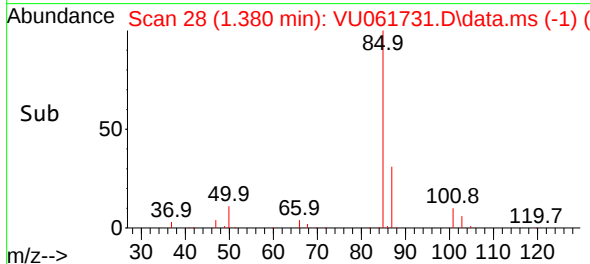
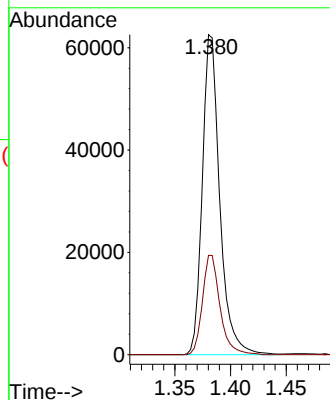
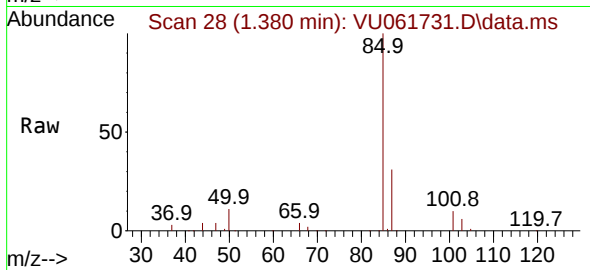




#2
 Dichlorodifluoromethane
 Concen: 5.199 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

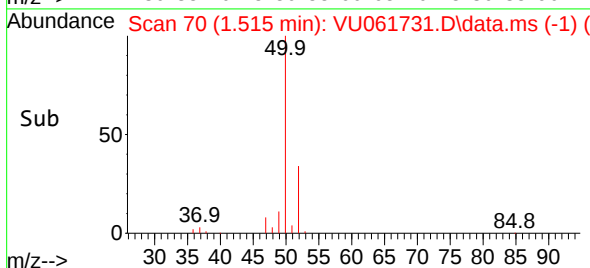
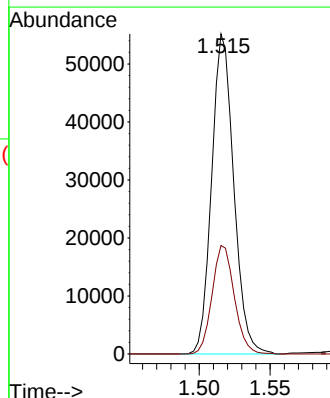
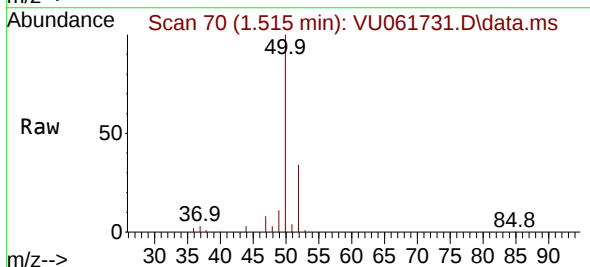
Instrument :
 MSVOA_U
 ClientSampleId :

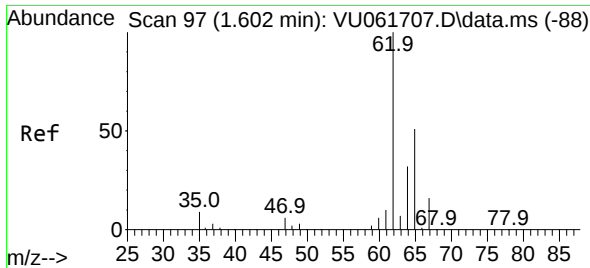
Tgt Ion: 85 Resp: 68167
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.0 39.0



#3
 Chloromethane
 Concen: 5.024 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

Tgt Ion: 50 Resp: 59762
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.2 43.2

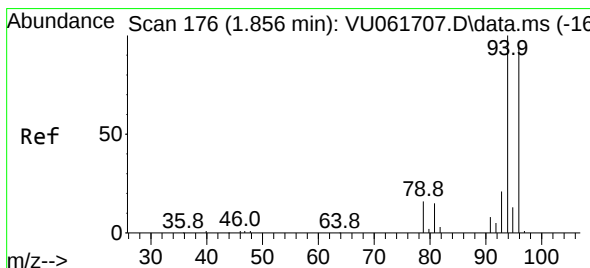
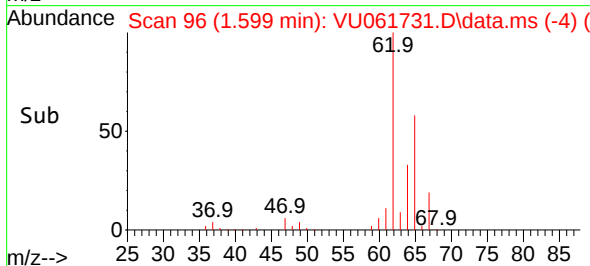
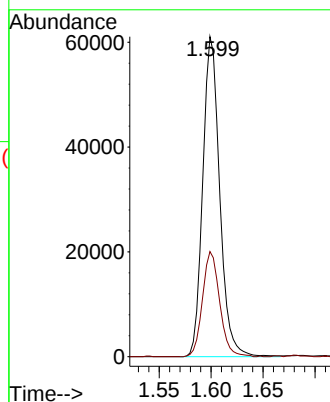
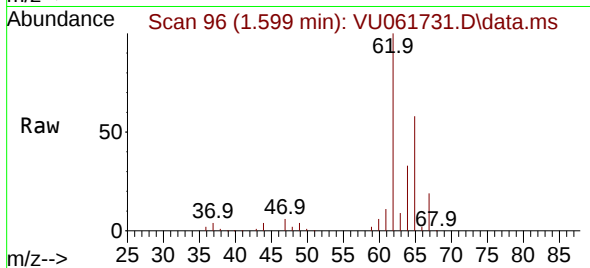




#5
 Vinyl chloride
 Concen: 5.271 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

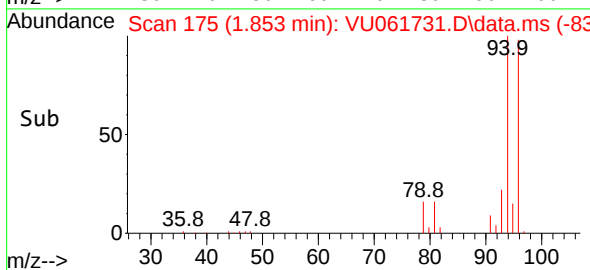
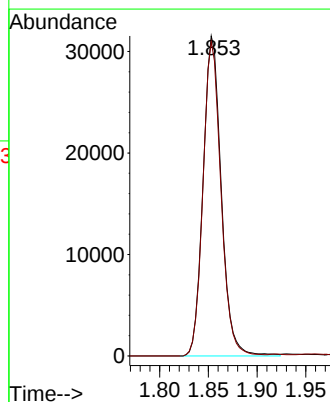
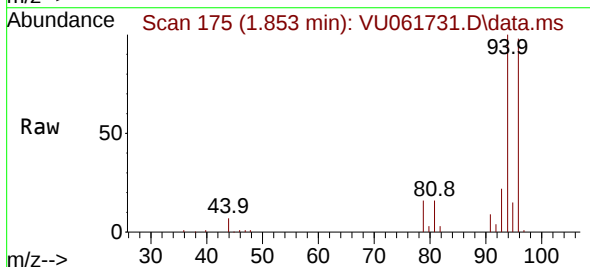
Instrument :
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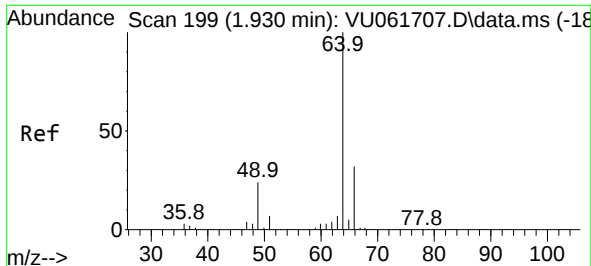
Tgt Ion: 62 Resp: 69187
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 44.1



#6
 Bromomethane
 Concen: 5.229 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

Tgt Ion: 94 Resp: 40957
 Ion Ratio Lower Upper
 94 100
 96 98.2 65.7 121.9

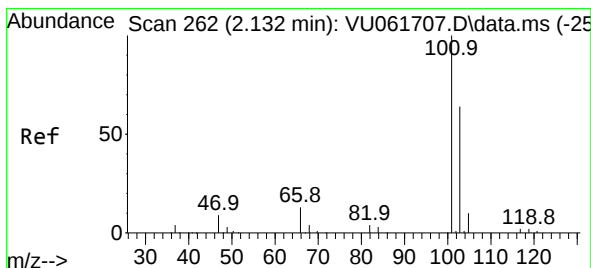
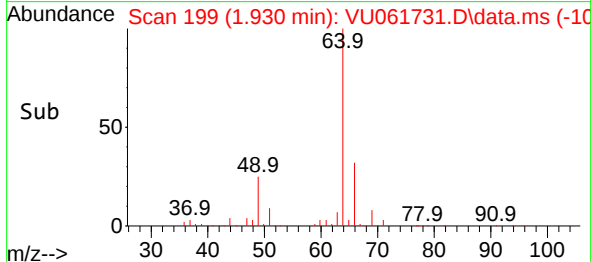
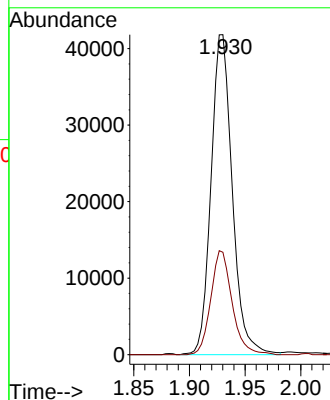
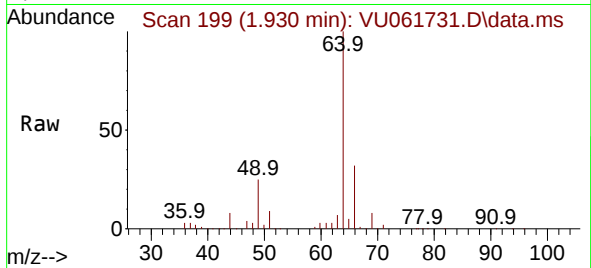




#8
Chloroethane
Concen: 6.096 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

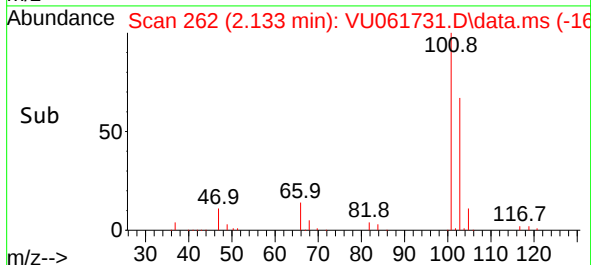
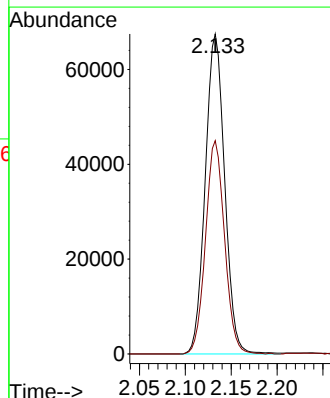
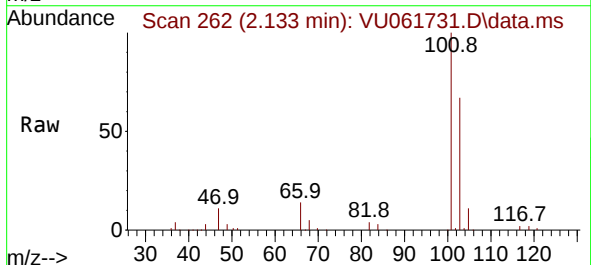
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MSVOA_U
ClientSampleId :

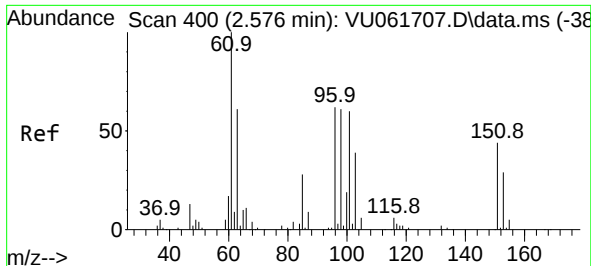
Tgt Ion: 64 Resp: 55513
Ion Ratio Lower Upper
64 100
66 32.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.147 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion:101 Resp: 99325
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.2

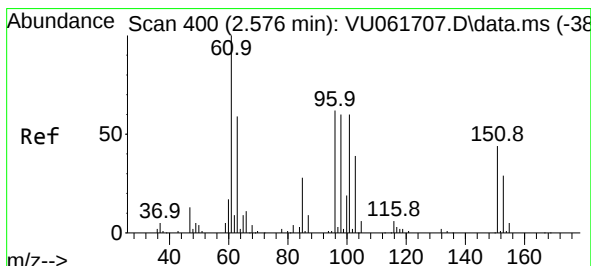
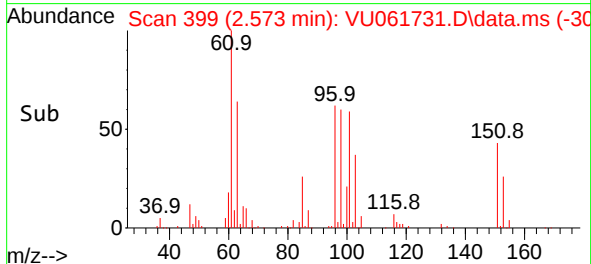
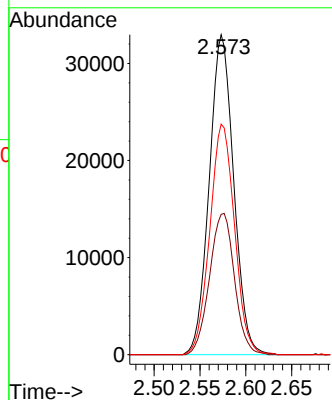
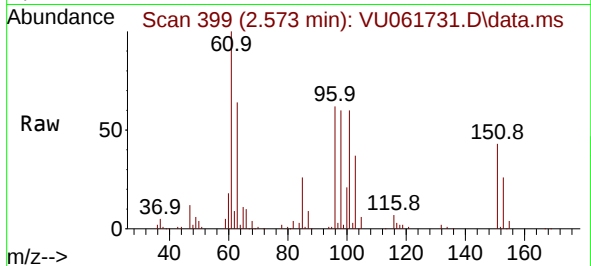




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.357 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

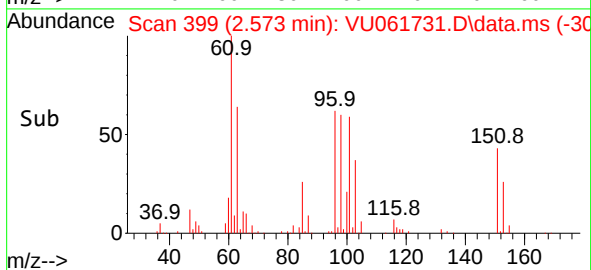
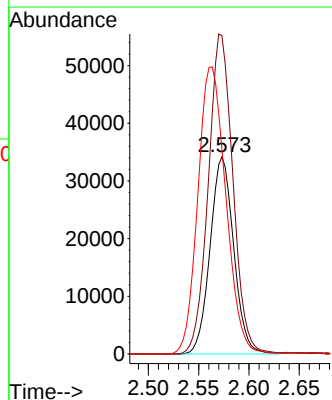
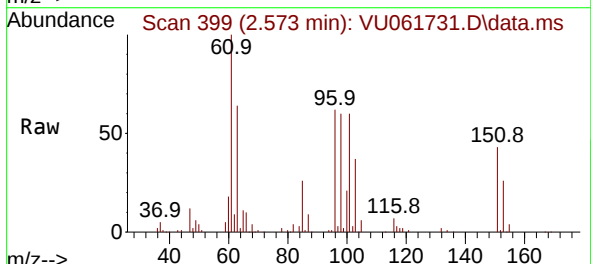
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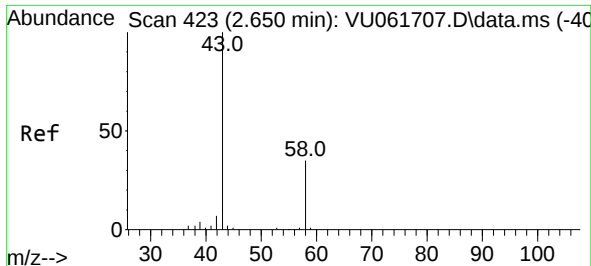
Tgt Ion:101 Resp: 61109
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.1 52.7
 151 73.1 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.236 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

Tgt Ion: 96 Resp: 55766
 Ion Ratio Lower Upper
 96 100
 61 161.4 116.8 217.0
 63 103.6 86.1 159.9





#13

Acetone

Concen: 54.667 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

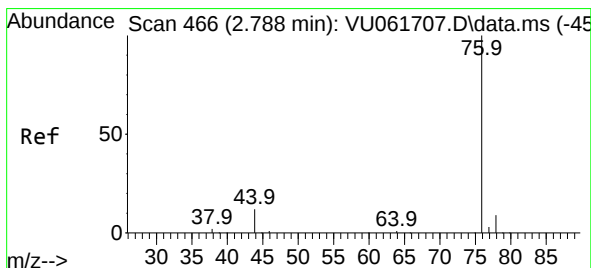
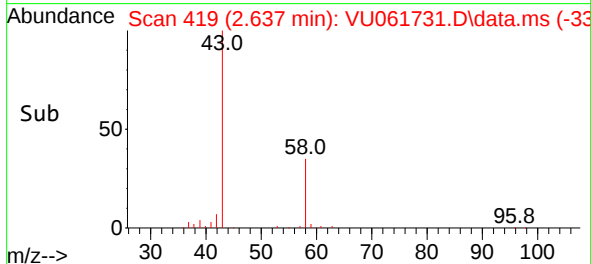
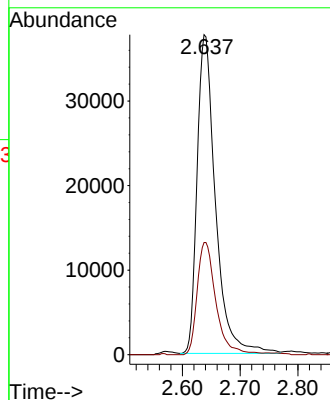
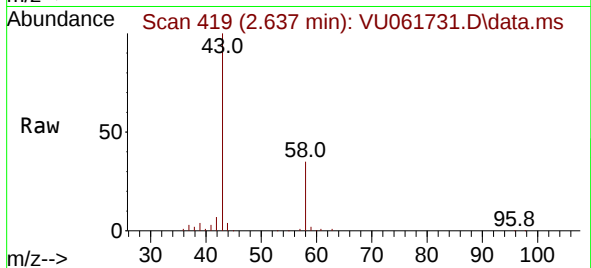
ClientSampleId :

Tgt Ion: 43 Resp: 83327

Ion Ratio Lower Upper

43 100

58 35.5 0.0 69.8



#14

Carbon disulfide

Concen: 4.853 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061731.D

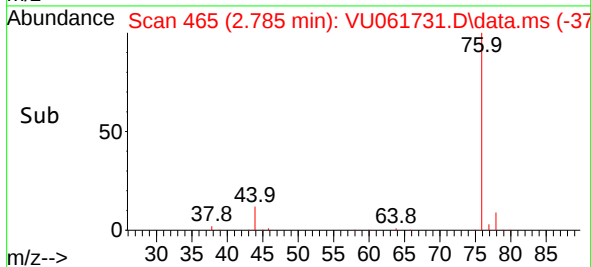
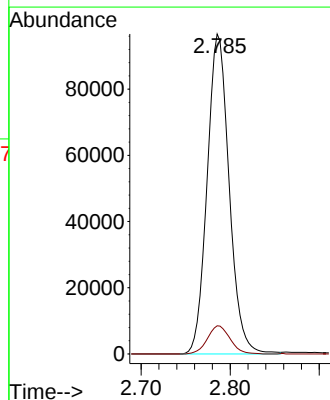
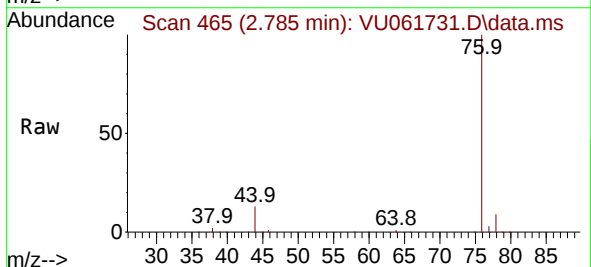
Acq: 15 Nov 2024 19:29

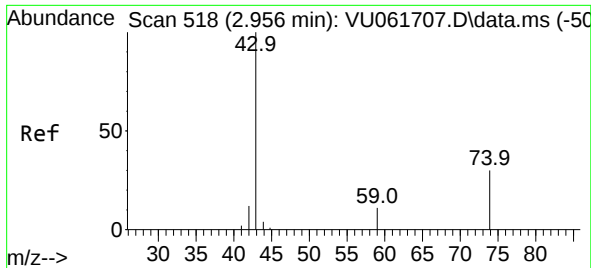
Tgt Ion: 76 Resp: 165986

Ion Ratio Lower Upper

76 100

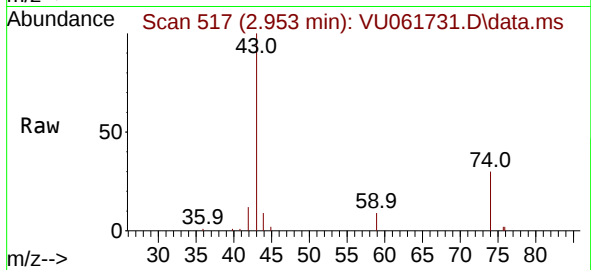
78 8.8 7.3 10.9



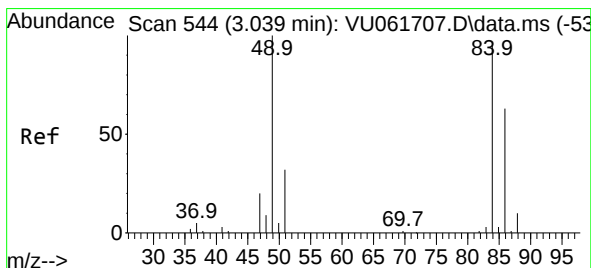
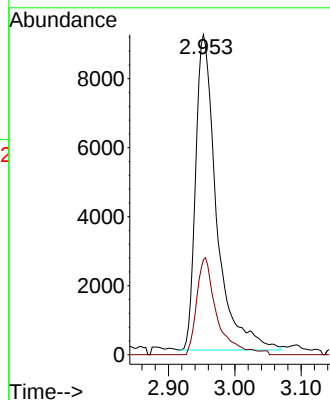
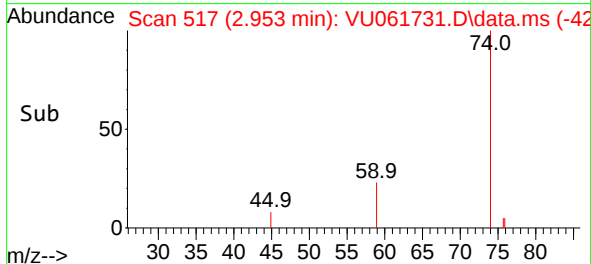


#15
Methyl Acetate
Concen: 5.266 ug/L
RT: 2.953 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Instrument :
MSVOA_U
ClientSampleId :

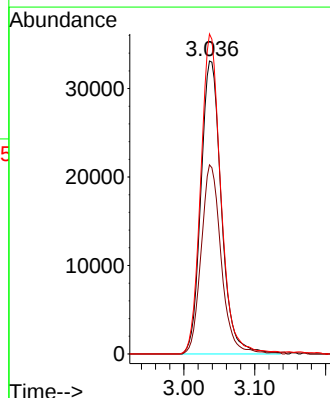
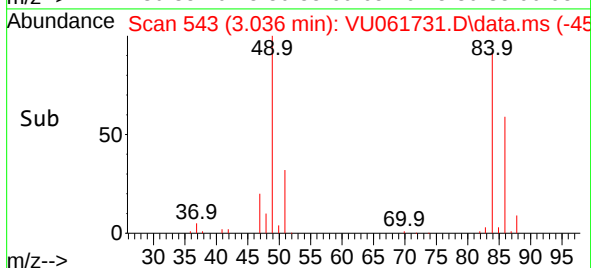
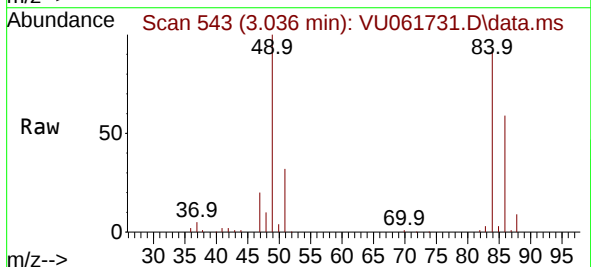


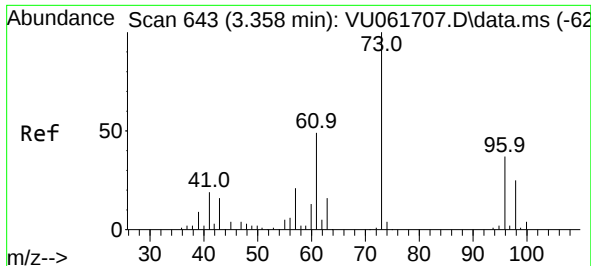
Tgt Ion: 43 Resp: 20054
Ion Ratio Lower Upper
43 100
74 29.2 22.5 33.7



#16
Methylene chloride
Concen: 5.411 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 84 Resp: 66408
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.7
49 109.3 76.3 141.7

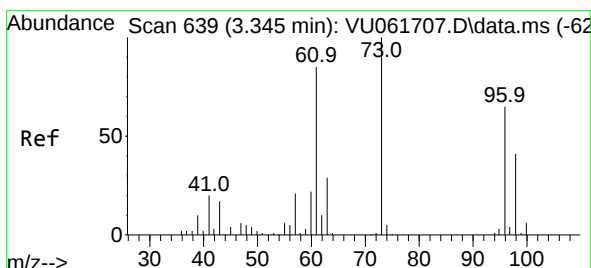
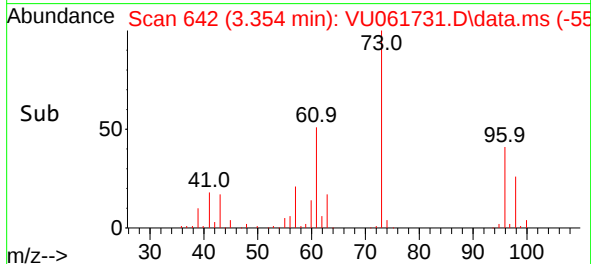
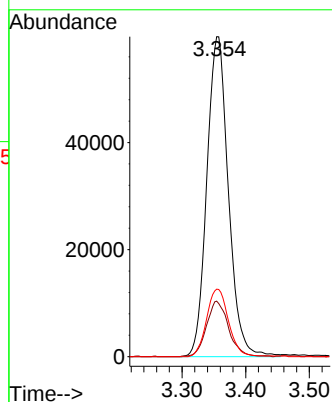
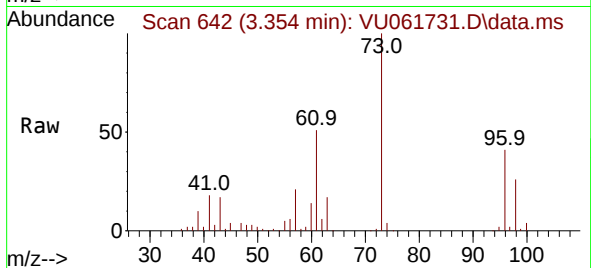




#17
Methyl tert-butyl Ether
Concen: 5.391 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

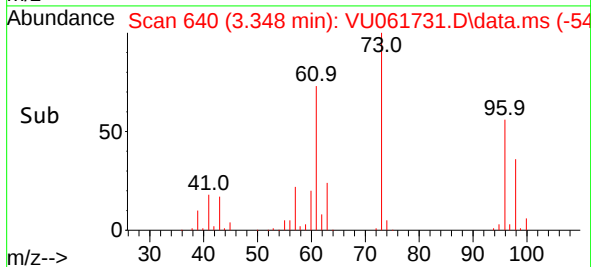
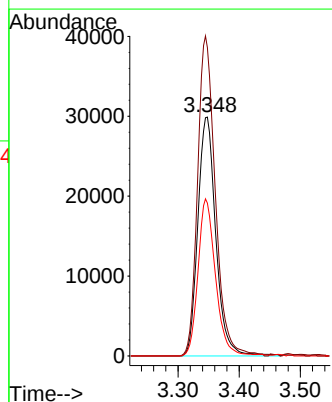
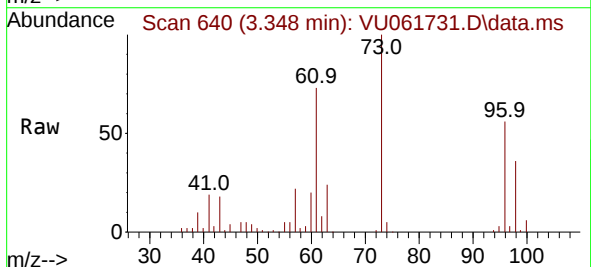
Instrument :
MSVOA_U
ClientSampleId :

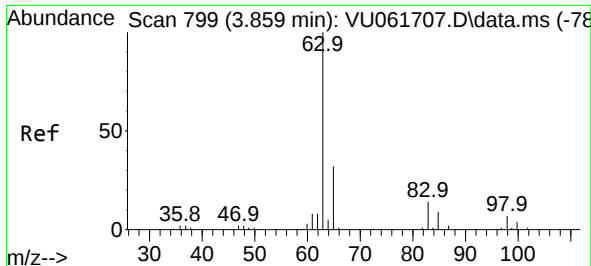
Tgt Ion: 73 Resp: 140717
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 21.4 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.237 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 96 Resp: 61171
Ion Ratio Lower Upper
96 100
61 129.1 94.1 174.8
98 64.0 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.321 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

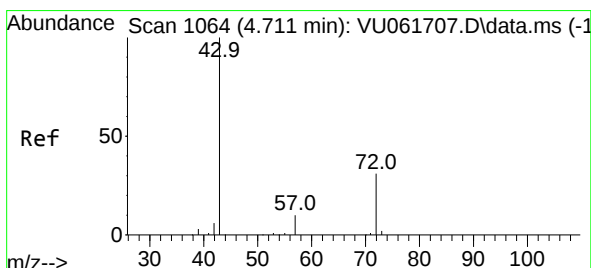
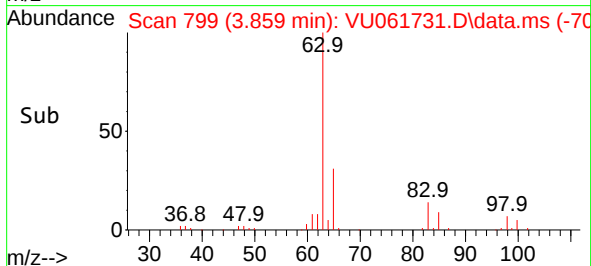
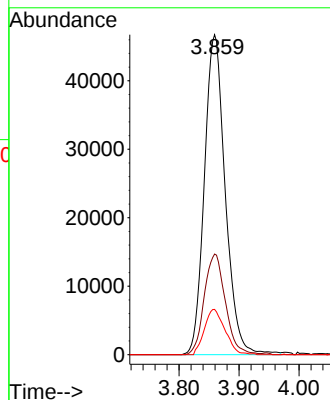
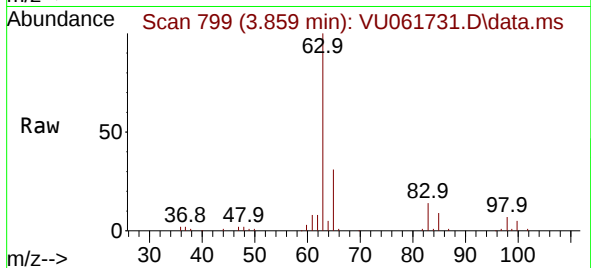
Tgt Ion: 63 Resp: 113315

Ion Ratio Lower Upper

63 100

65 31.5 23.4 43.4

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 54.135 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VU061731.D

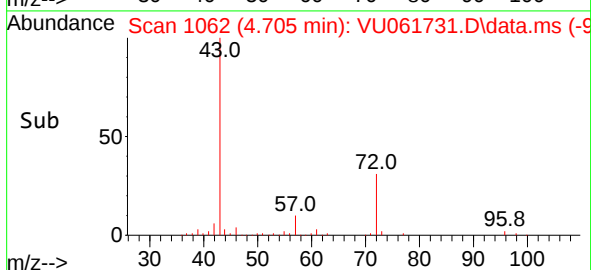
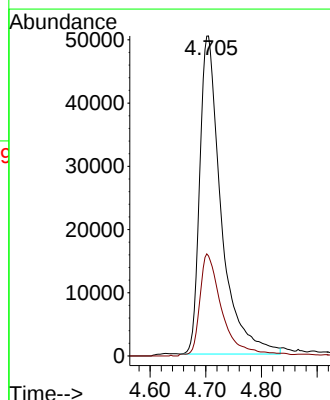
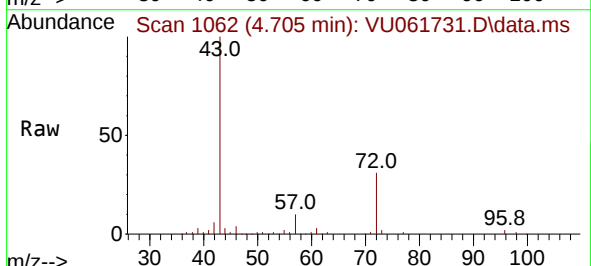
Acq: 15 Nov 2024 19:29

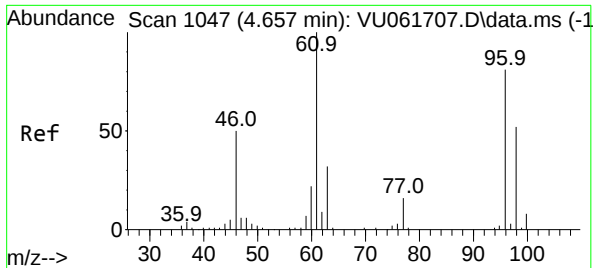
Tgt Ion: 43 Resp: 134763

Ion Ratio Lower Upper

43 100

72 33.2 15.8 47.3

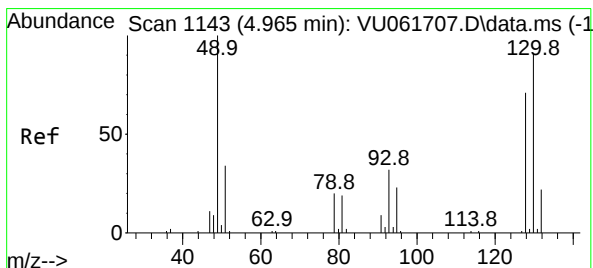
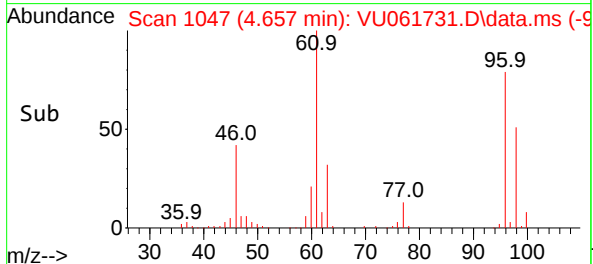
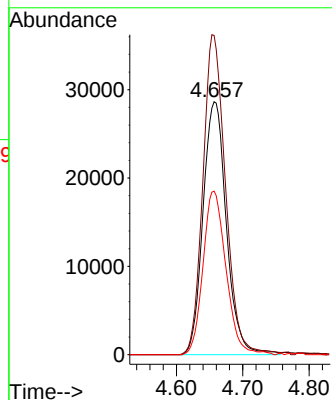
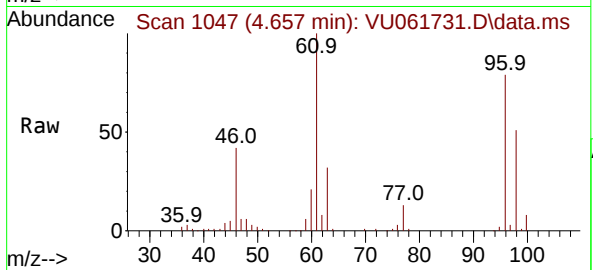




#22
 cis-1,2-Dichloroethene
 Concen: 5.326 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

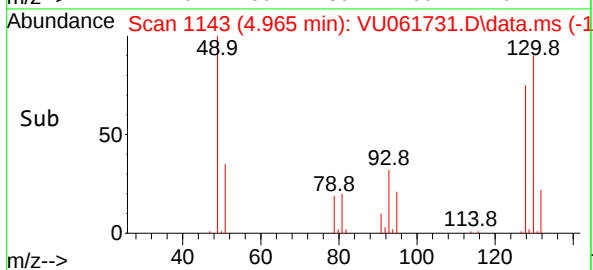
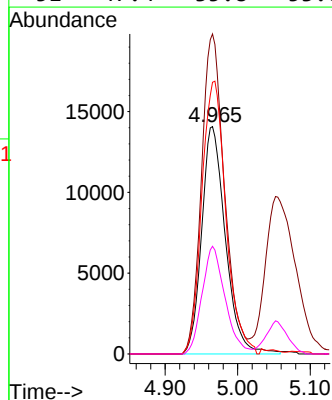
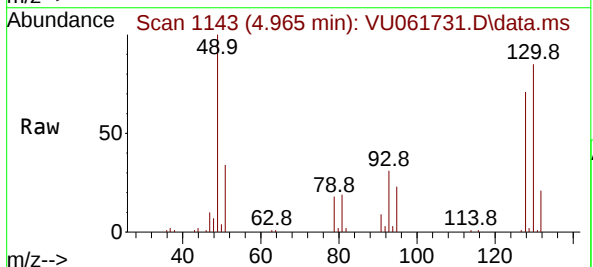
Instrument :
 MSVOA_U
 ClientSampleId :

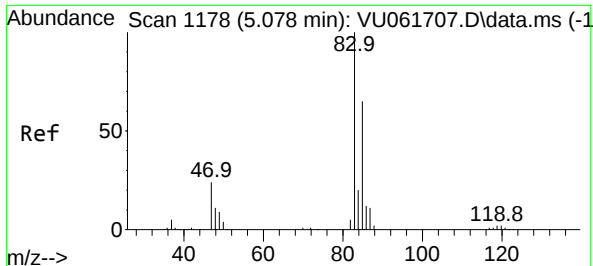
Tgt Ion: 96 Resp: 70170
 Ion Ratio Lower Upper
 96 100
 61 126.2 85.6 159.0
 98 64.6 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.446 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061731.D
 Acq: 15 Nov 2024 19:29

Tgt Ion:128 Resp: 31865
 Ion Ratio Lower Upper
 128 100
 49 140.7 99.1 184.1
 130 119.5 88.6 164.6
 51 47.4 35.8 53.6





#25

Chloroform

Concen: 5.359 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

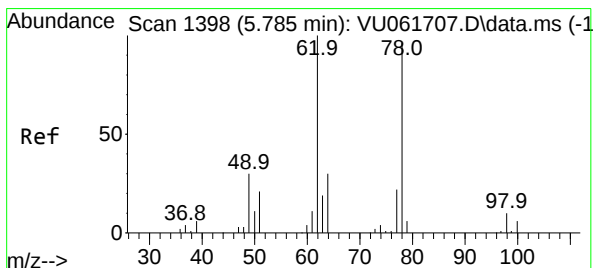
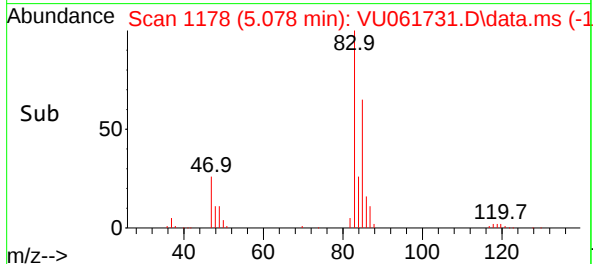
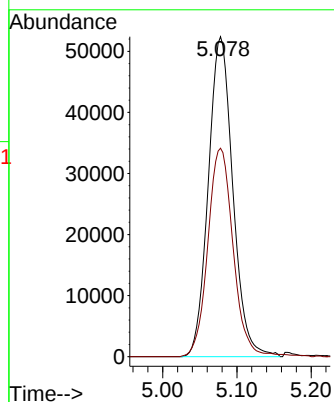
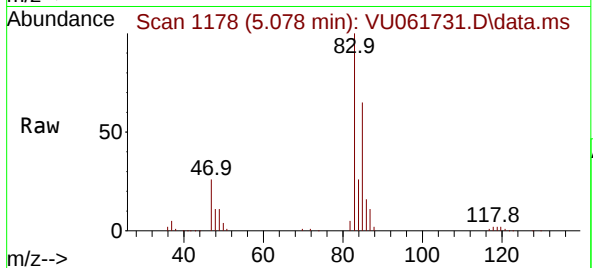
ClientSampleId :

Tgt Ion: 83 Resp: 120302

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.295 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061731.D

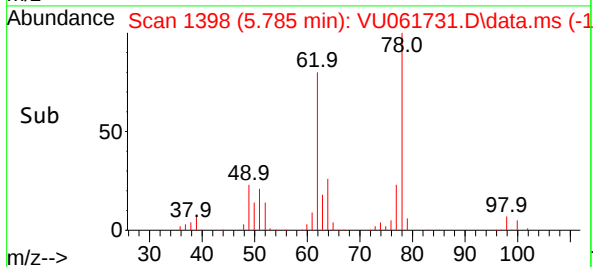
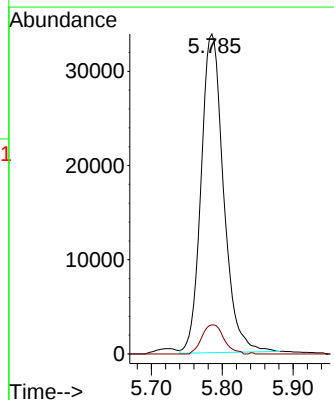
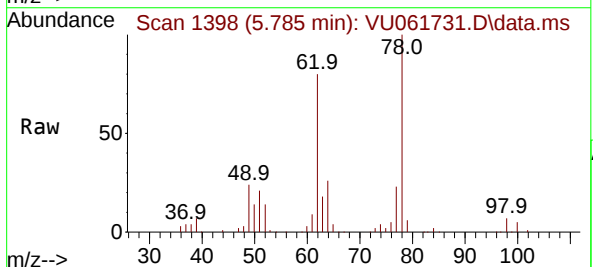
Acq: 15 Nov 2024 19:29

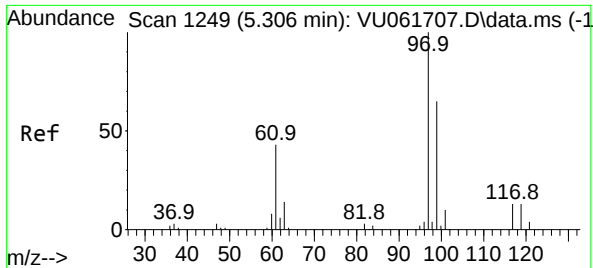
Tgt Ion: 62 Resp: 74579

Ion Ratio Lower Upper

62 100

98 9.1 7.7 11.5

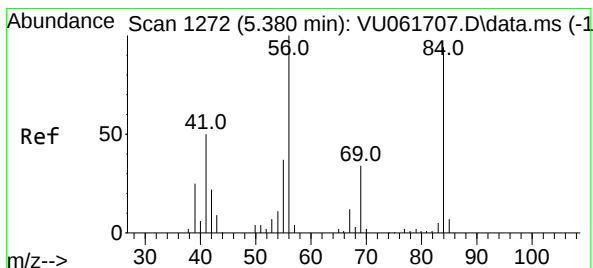
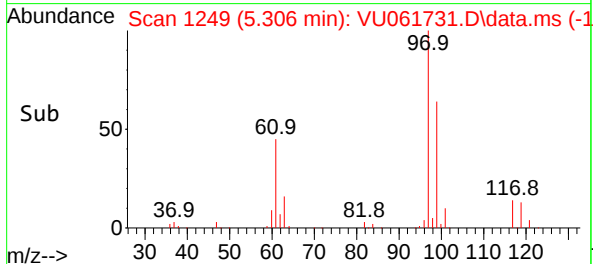
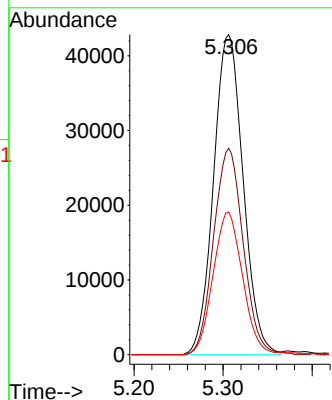
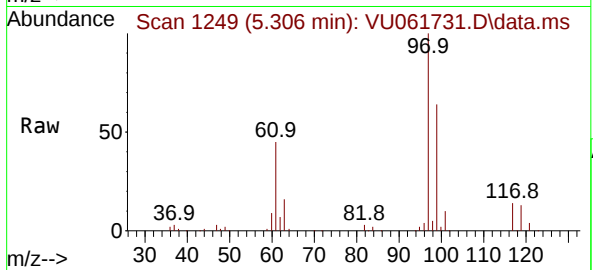




#29
1,1,1-Trichloroethane
Concen: 5.146 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

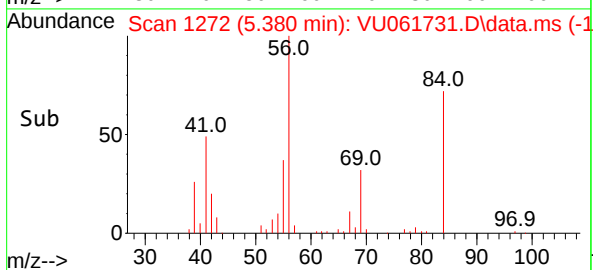
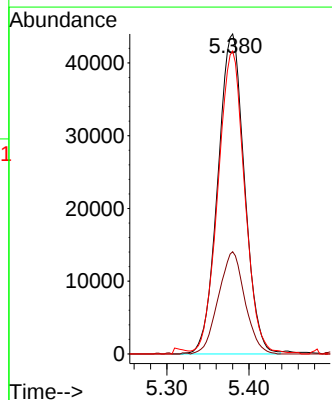
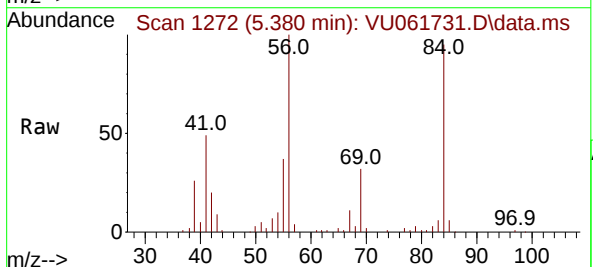
Instrument :
MSVOA_U
ClientSampleId :

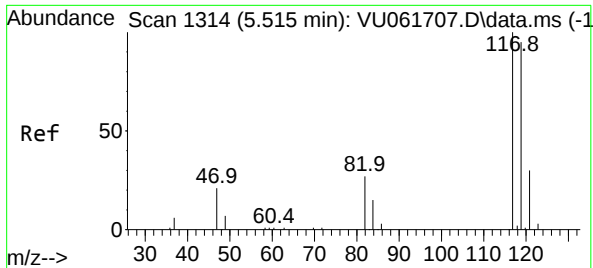
Tgt Ion:	97	Resp:	98972
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	44.2	35.4	53.0



#30
Cyclohexane
Concen: 5.169 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion:	56	Resp:	99306
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.6	38.4
84	93.7	74.3	111.5

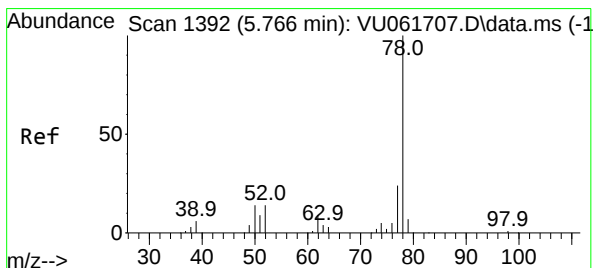
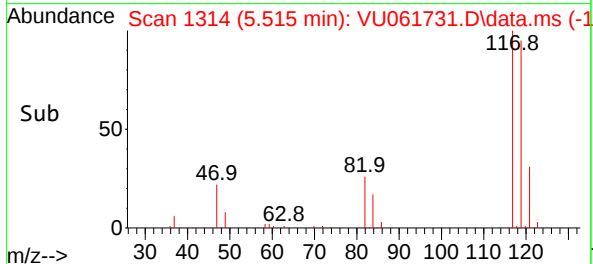
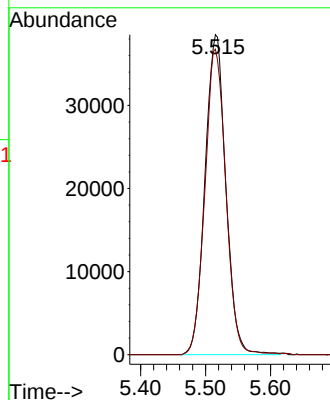
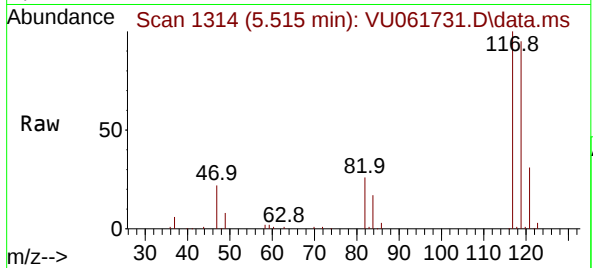




#31
Carbon tetrachloride
Concen: 5.235 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

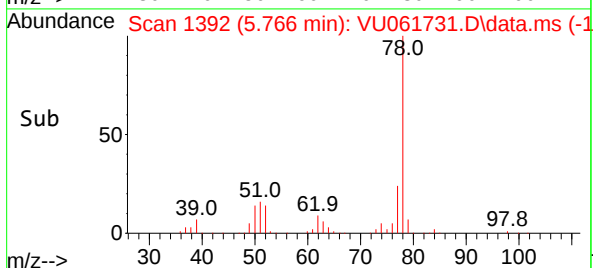
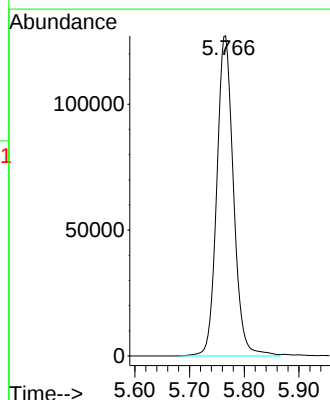
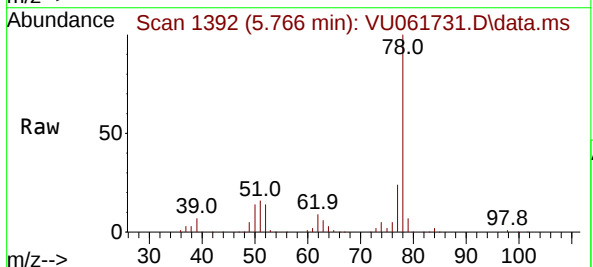
Instrument :
MSVOA_U
ClientSampleId :

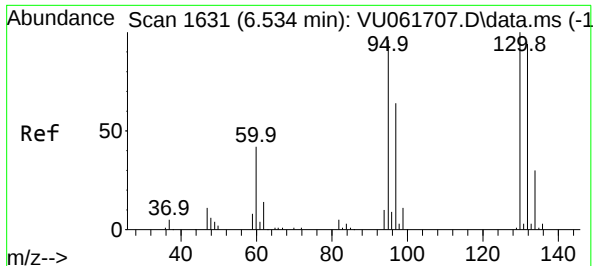
Tgt Ion:117 Resp: 85751
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 5.277 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 78 Resp: 269922

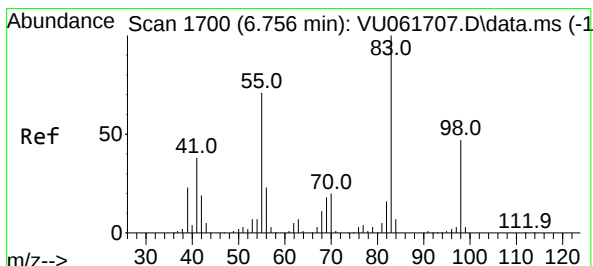
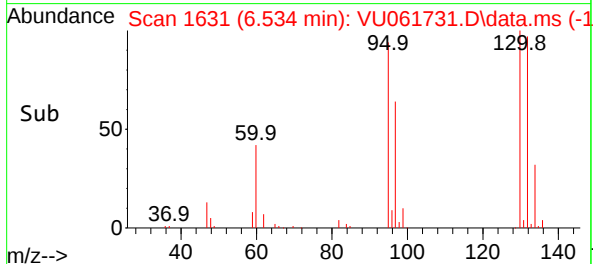
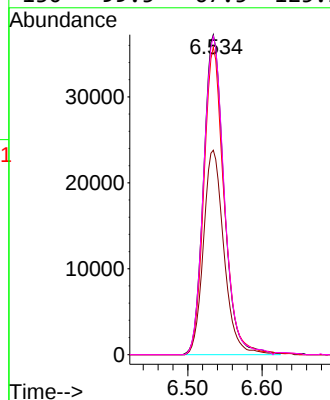
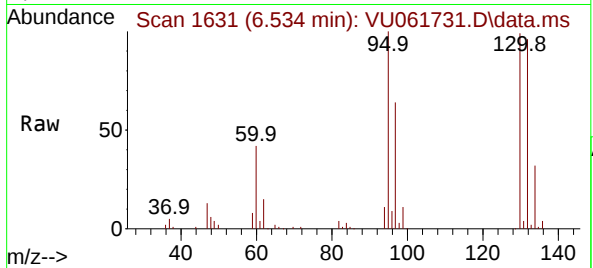




#34
Trichloroethene
Concen: 5.168 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

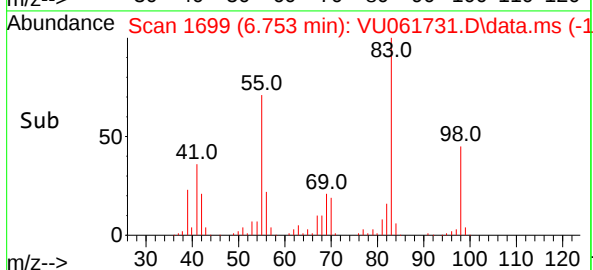
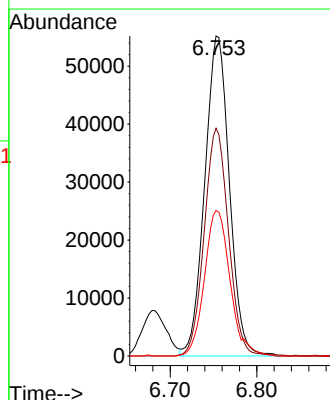
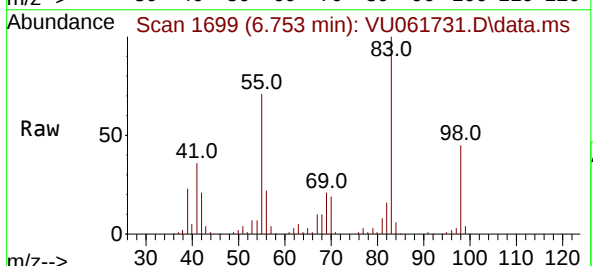
Instrument :
MSVOA_U
ClientSampleId :

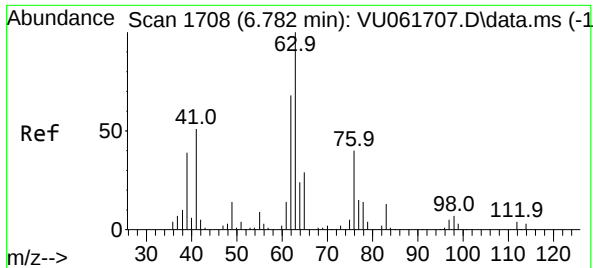
Tgt Ion: 95 Resp: 71373
Ion Ratio Lower Upper
95 100
97 63.9 43.5 80.9
132 96.1 65.2 121.0
130 99.5 67.5 125.3



#35
Methylcyclohexane
Concen: 5.251 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 83 Resp: 109375
Ion Ratio Lower Upper
83 100
55 70.0 56.4 84.6
98 47.0 37.7 56.5

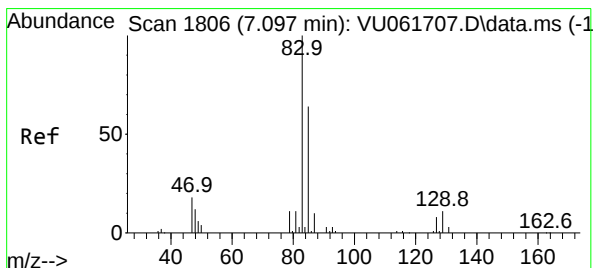
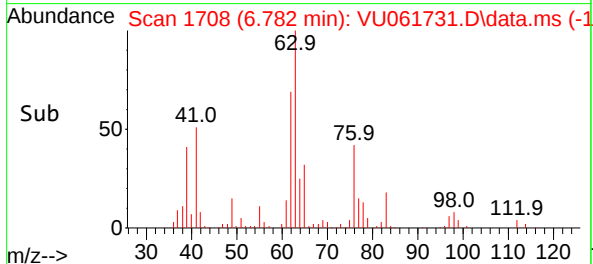
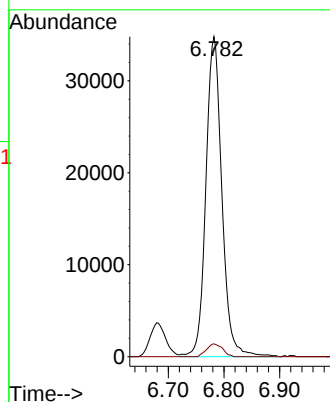
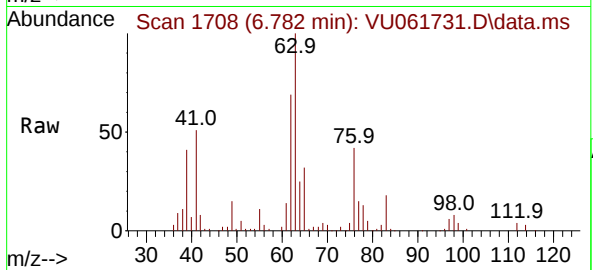




#37
1,2-Dichloropropane
Concen: 5.348 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

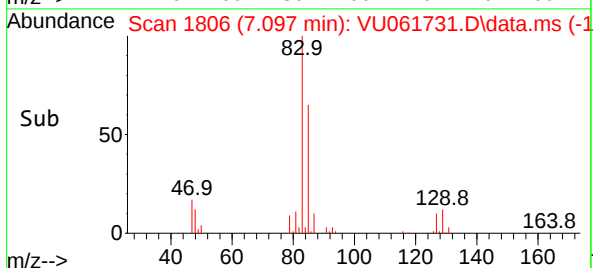
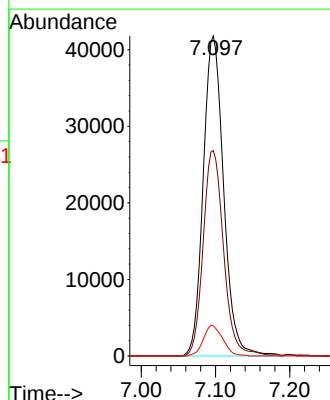
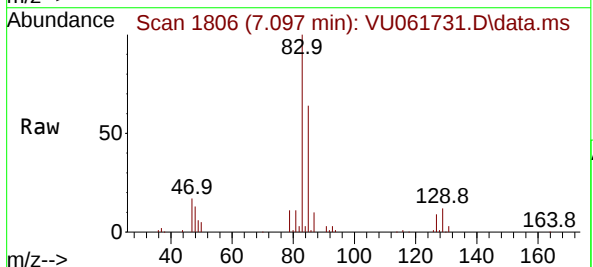
Instrument :
MSVOA_U
ClientSampleId :

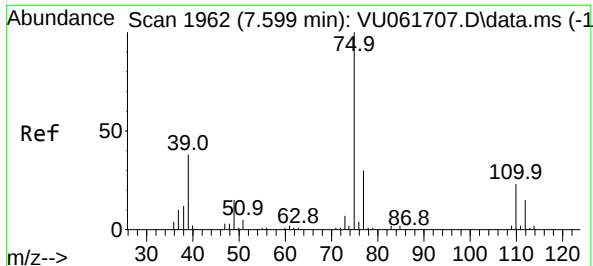
Tgt Ion: 63 Resp: 69405
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 5.127 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 83 Resp: 79825
Ion Ratio Lower Upper
83 100
85 64.2 45.0 83.6
127 9.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.188 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

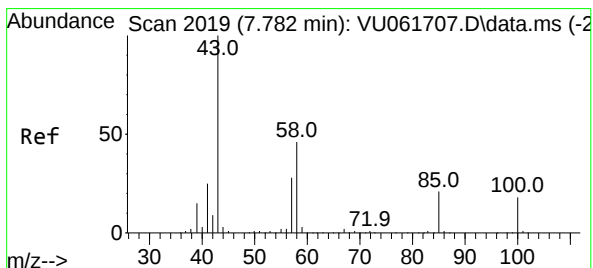
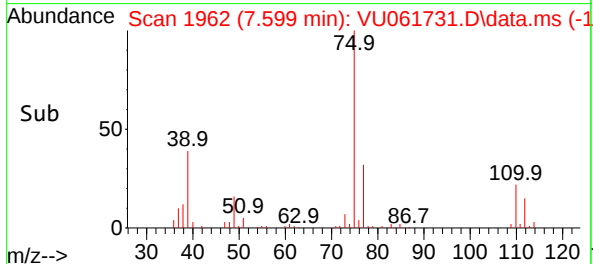
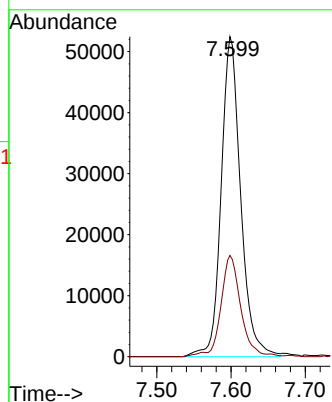
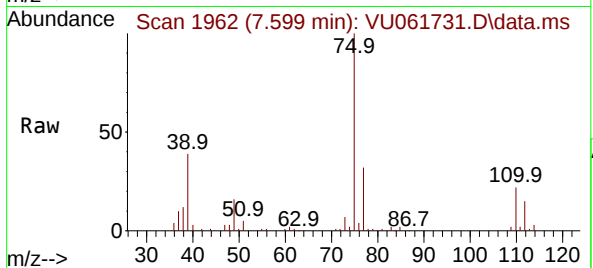
ClientSampleId :

Tgt Ion: 75 Resp: 95823

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 55.675 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

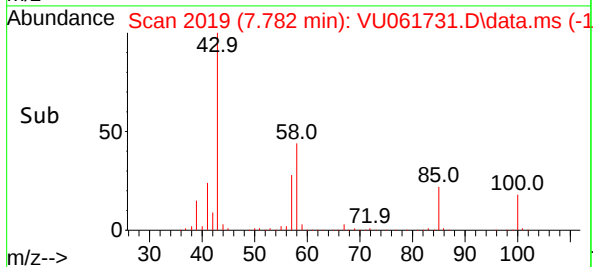
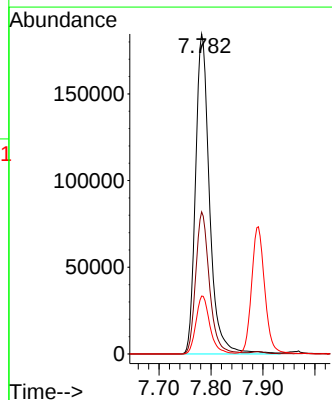
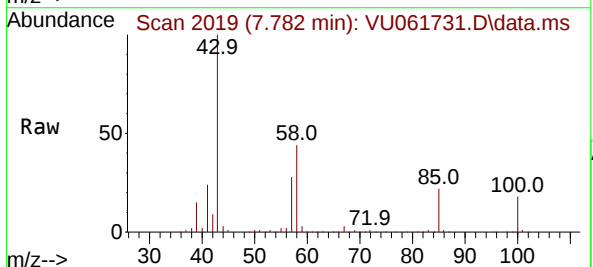
Tgt Ion: 43 Resp: 346413

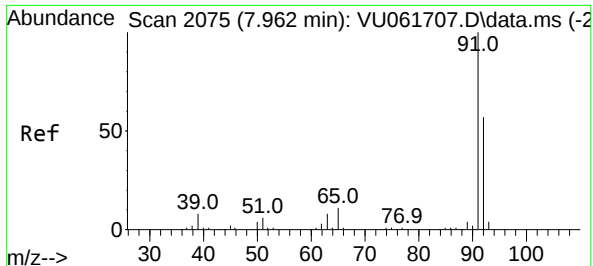
Ion Ratio Lower Upper

43 100

58 43.6 35.7 53.5

100 17.9 14.2 21.2





#42

Toluene

Concen: 5.332 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

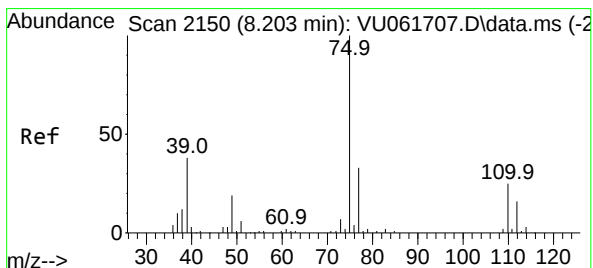
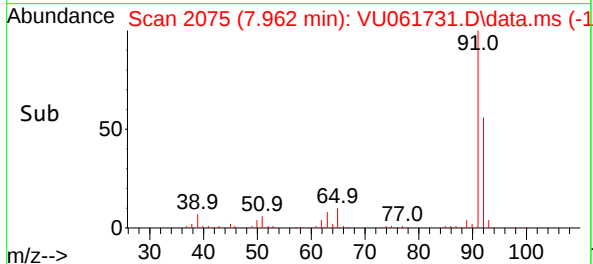
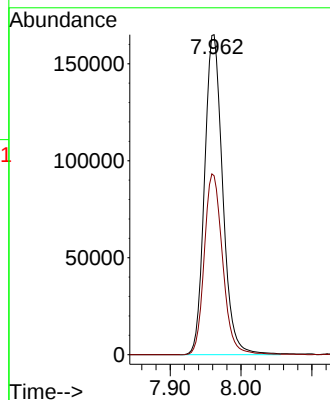
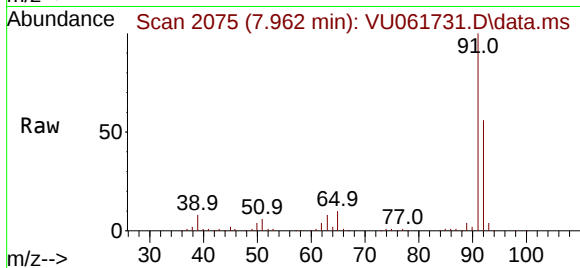
ClientSampleId :

Tgt Ion: 91 Resp: 293683

Ion Ratio Lower Upper

91 100

92 55.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.163 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061731.D

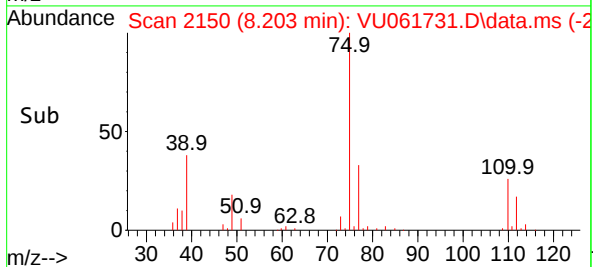
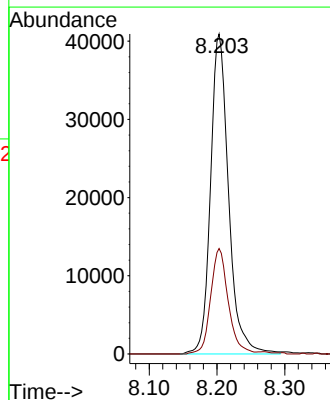
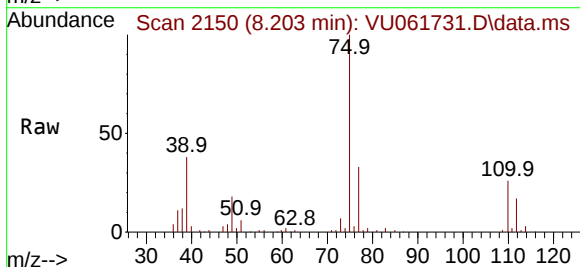
Acq: 15 Nov 2024 19:29

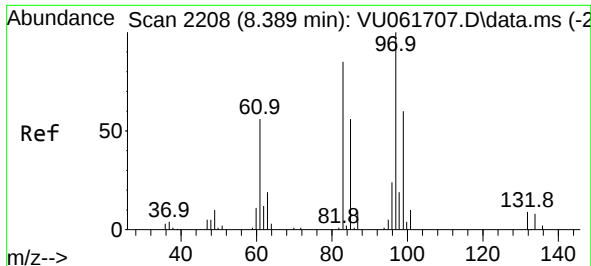
Tgt Ion: 75 Resp: 75636

Ion Ratio Lower Upper

75 100

77 33.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.387 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 50964

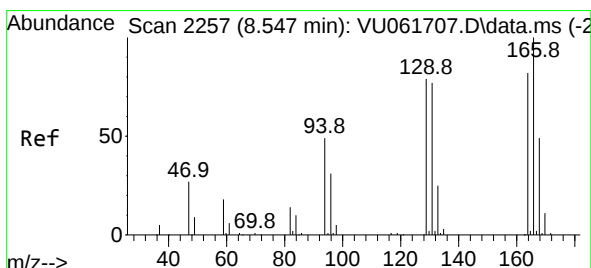
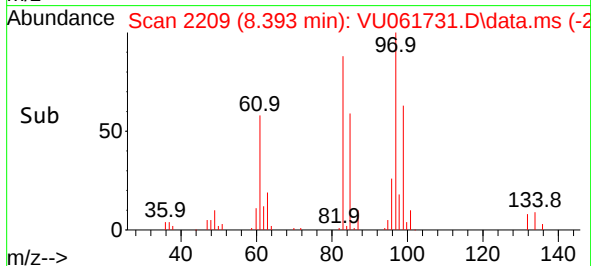
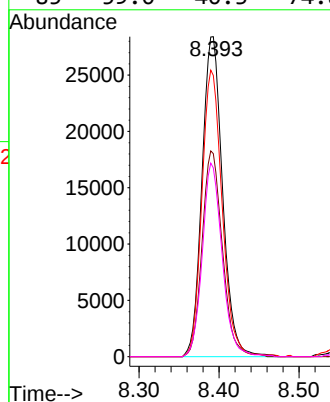
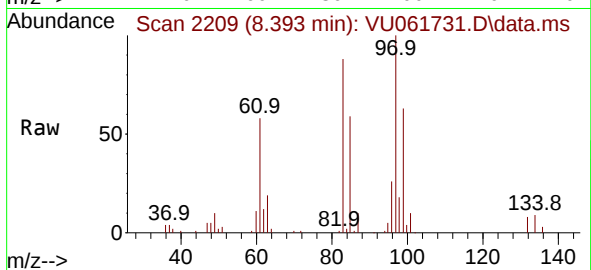
Ion Ratio Lower Upper

97 100

99 63.5 43.8 81.3

83 87.9 63.2 117.4

85 59.0 40.3 74.8



#47

Tetrachloroethene

Concen: 5.165 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Tgt Ion: 164 Resp: 53608

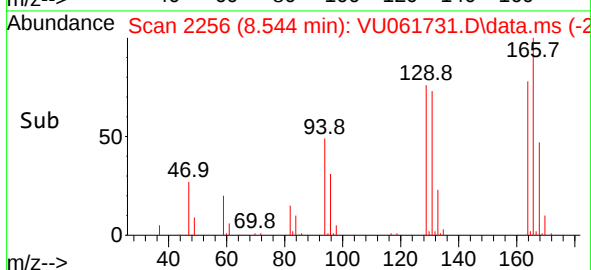
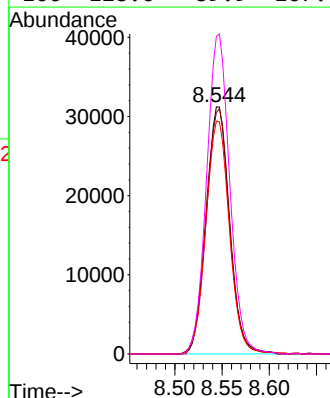
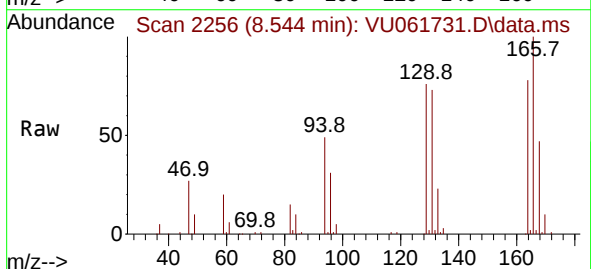
Ion Ratio Lower Upper

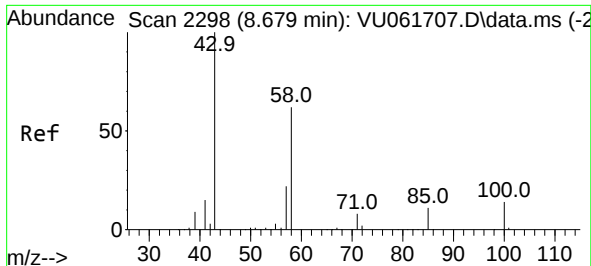
164 100

129 97.7 71.7 133.3

131 94.2 68.2 126.6

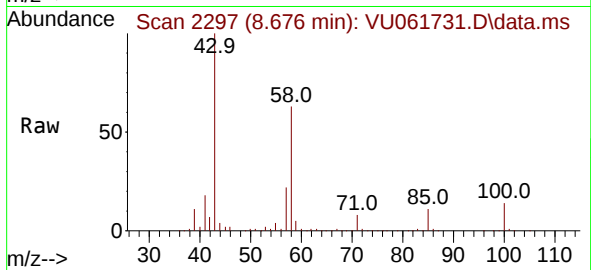
166 128.6 89.9 167.0



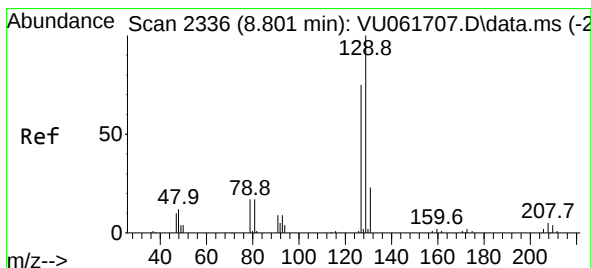
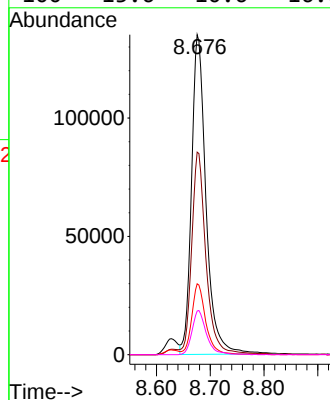
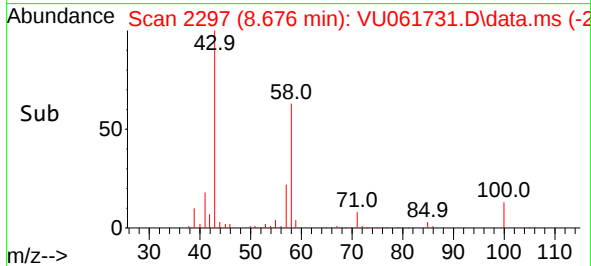


#48
2-Hexanone
Concen: 56.850 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Instrument :
MSVOA_U
ClientSampleId :

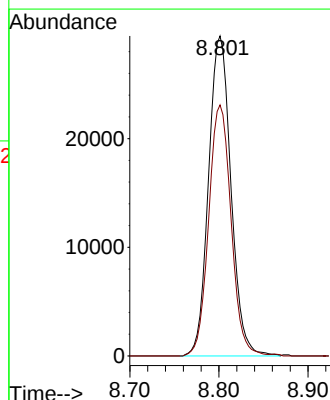
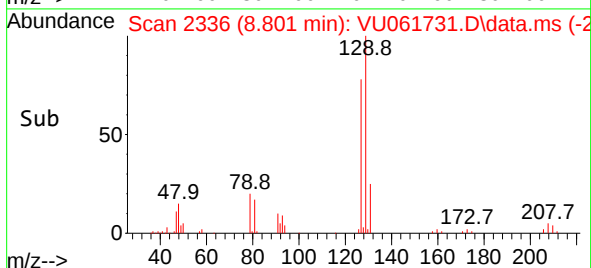
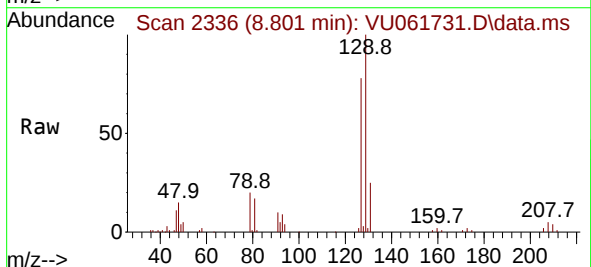


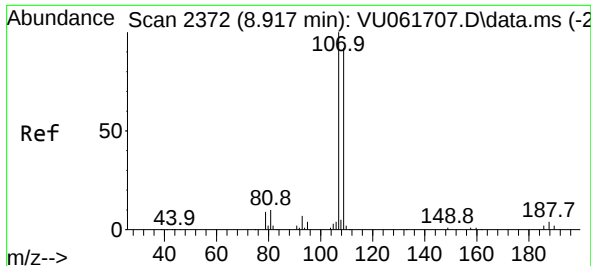
Tgt Ion: 43 Resp: 252922
Ion Ratio Lower Upper
43 100
58 62.8 49.4 74.2
57 21.1 16.3 24.5
100 13.6 10.6 16.0



#49
Dibromochloromethane
Concen: 5.191 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 129 Resp: 51489
Ion Ratio Lower Upper
129 100
127 78.5 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.379 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061731.D

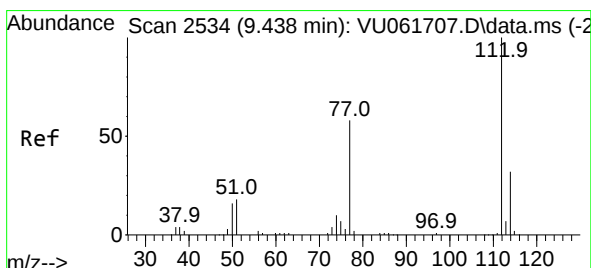
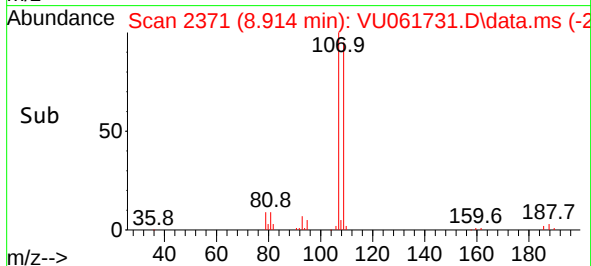
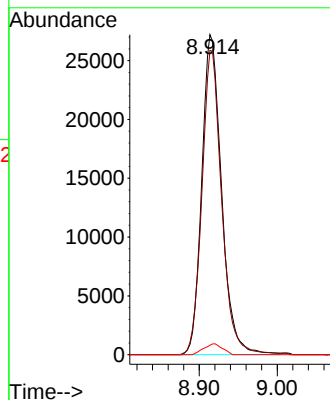
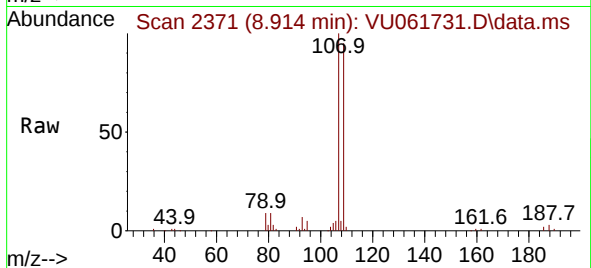
Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	47996
Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.8	120.4
188	2.9	2.5	3.7



#51

Chlorobenzene

Concen: 5.310 ug/L

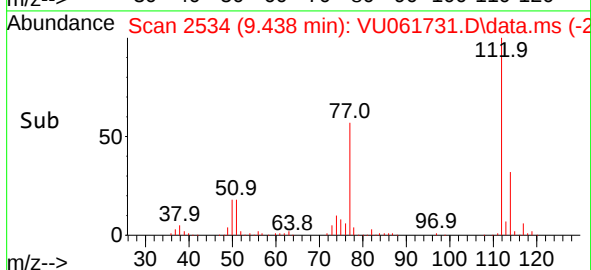
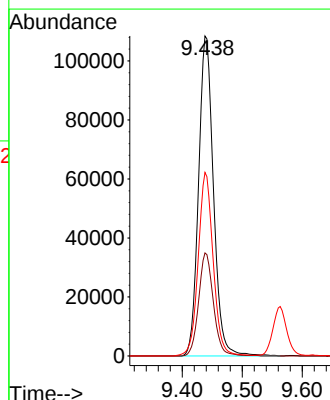
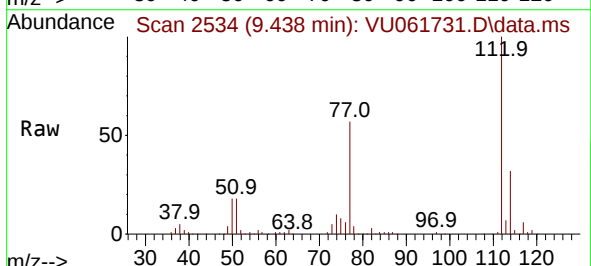
RT: 9.438 min Scan# 2534

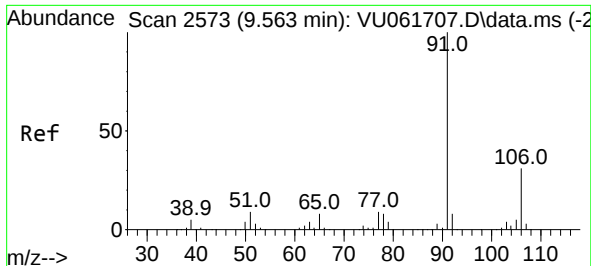
Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Tgt Ion:	112	Resp:	188234
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	57.4	45.3	67.9

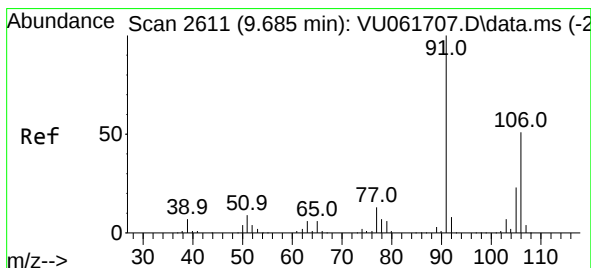
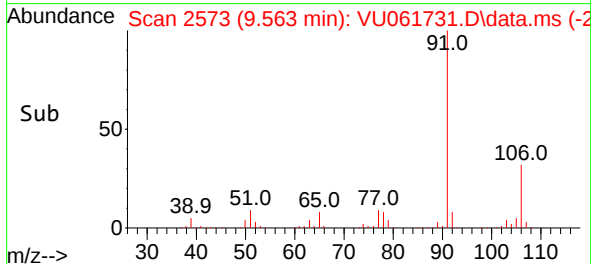
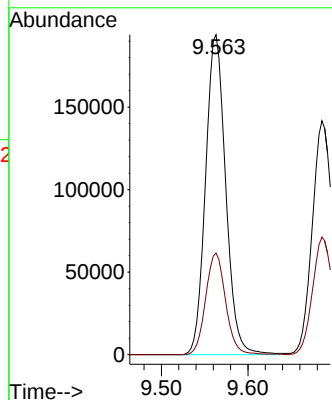
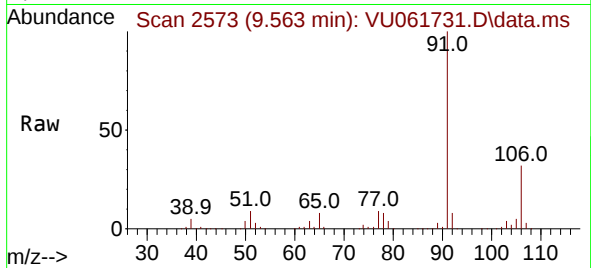




#52
Ethylbenzene
Concen: 5.351 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

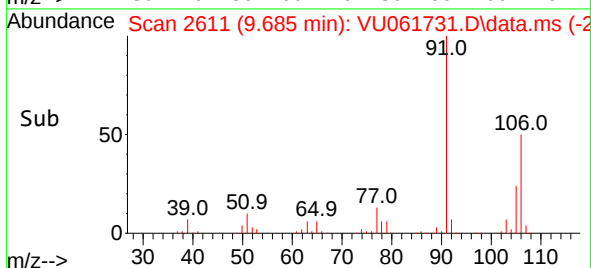
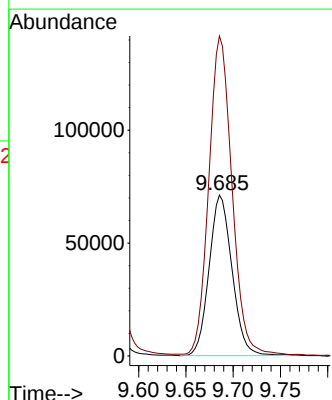
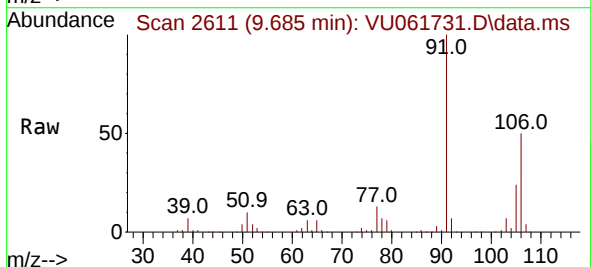
Instrument :
MSVOA_U
ClientSampleId :

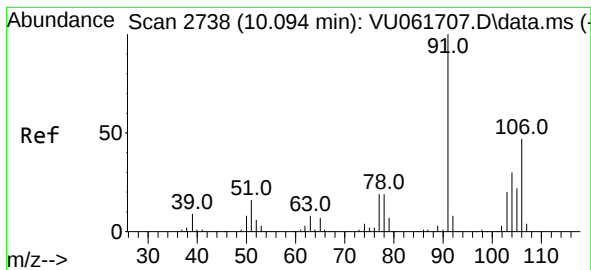
Tgt Ion: 91 Resp: 313913
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 5.345 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion: 106 Resp: 119976
Ion Ratio Lower Upper
106 100
91 198.9 140.4 260.8





#54

o-Xylene

Concen: 5.389 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

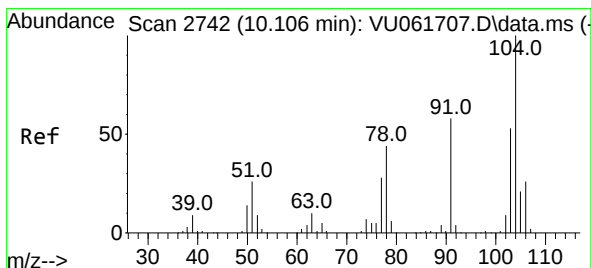
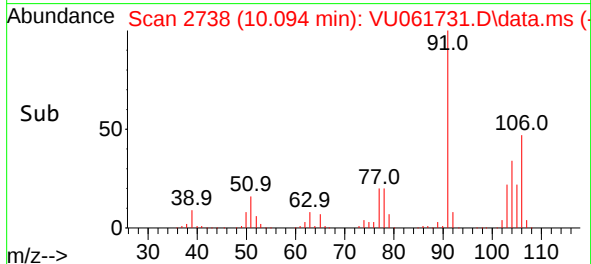
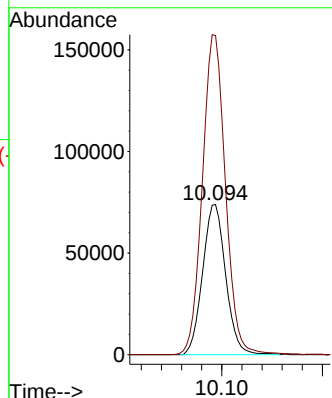
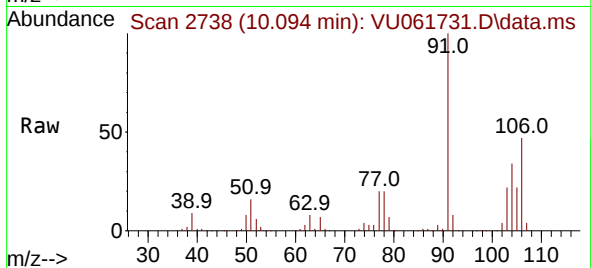
ClientSampleId :

Tgt Ion:106 Resp: 117574

Ion Ratio Lower Upper

106 100

91 212.7 151.3 280.9



#55

Styrene

Concen: 5.504 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061731.D

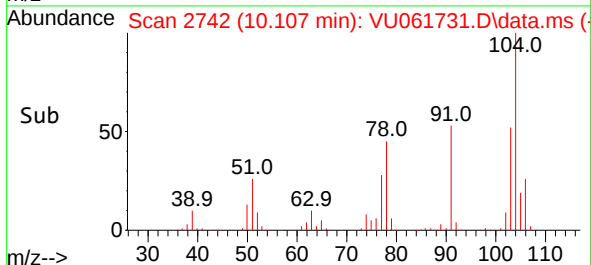
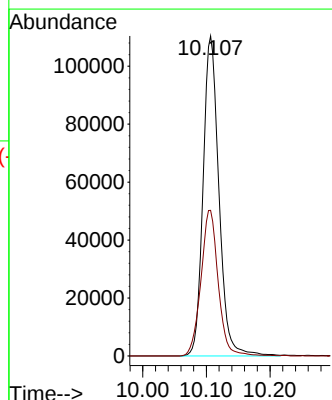
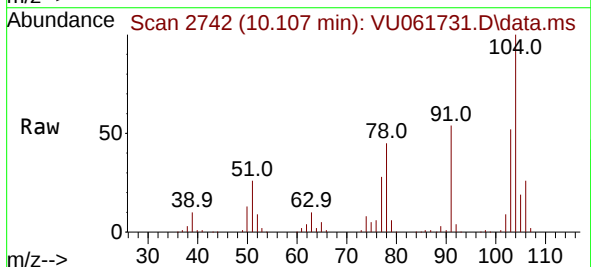
Acq: 15 Nov 2024 19:29

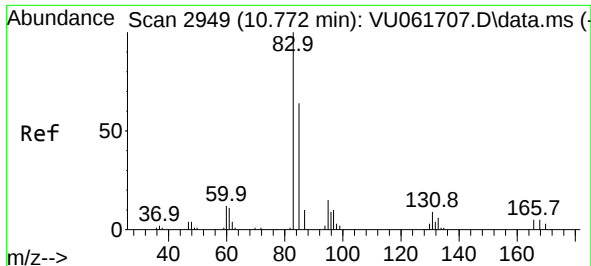
Tgt Ion:104 Resp: 191204

Ion Ratio Lower Upper

104 100

78 45.5 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.418 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

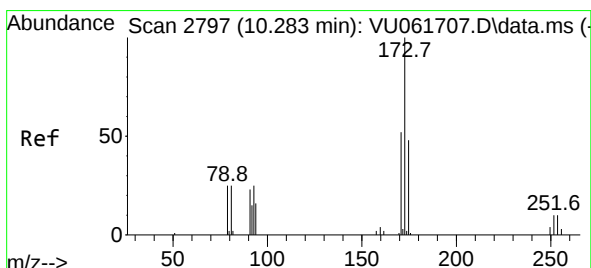
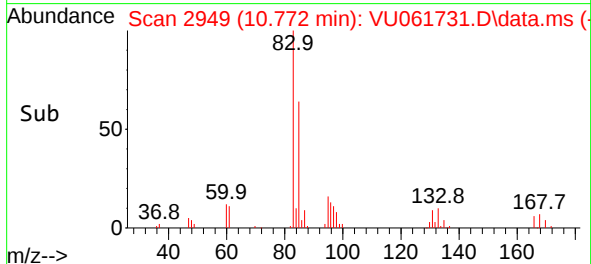
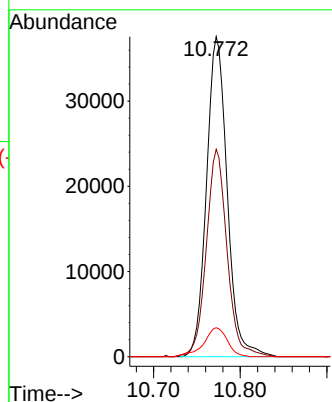
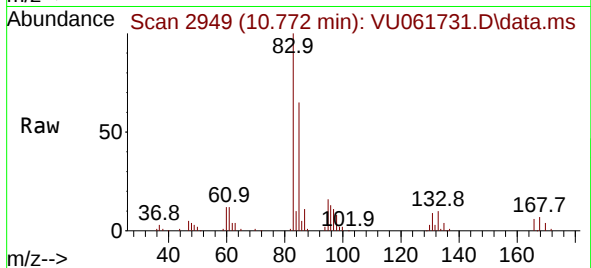
Tgt Ion: 83 Resp: 62375

Ion Ratio Lower Upper

83 100

85 64.8 41.9 77.9

131 9.1 7.8 11.6



#59

Bromoform

Concen: 5.084 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

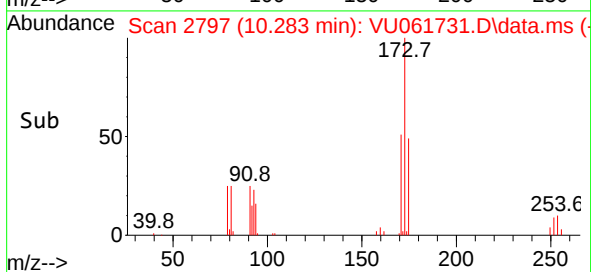
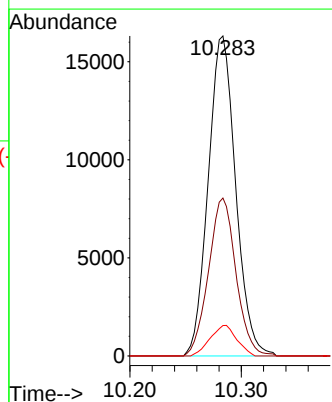
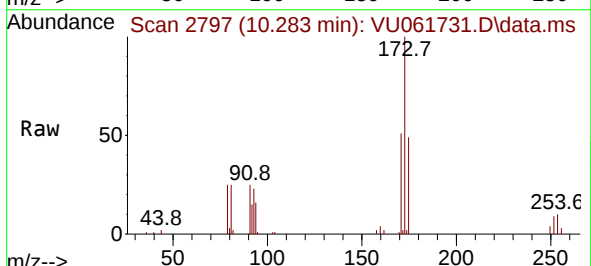
Tgt Ion:173 Resp: 27935

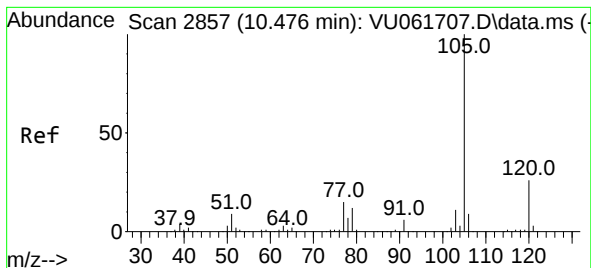
Ion Ratio Lower Upper

173 100

175 49.3 39.3 58.9

254 9.2 7.8 11.8





#60

Isopropylbenzene

Concen: 5.418 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

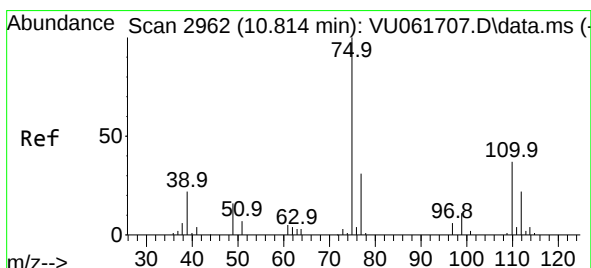
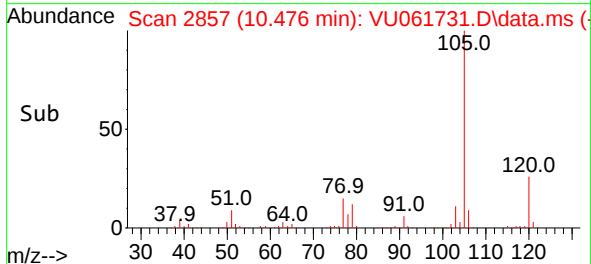
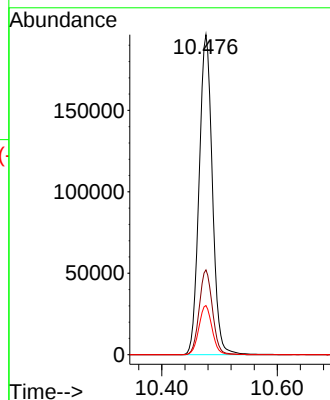
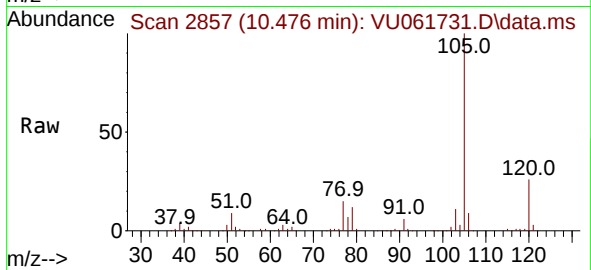
Tgt Ion:105 Resp: 311948

Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

77 15.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.365 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

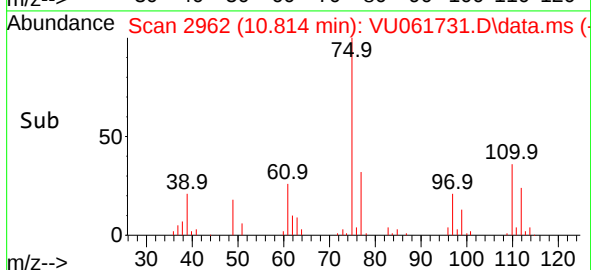
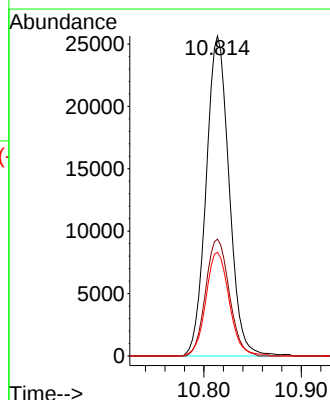
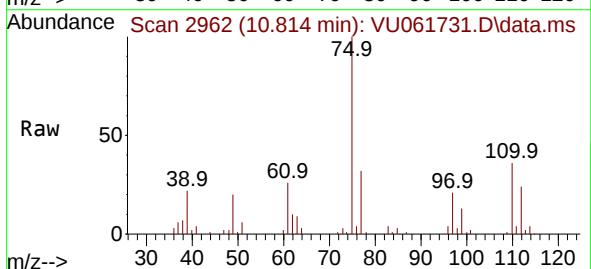
Tgt Ion: 75 Resp: 41958

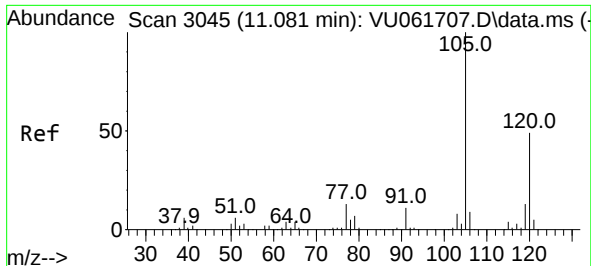
Ion Ratio Lower Upper

75 100

110 37.5 31.3 46.9

77 33.1 26.0 39.0

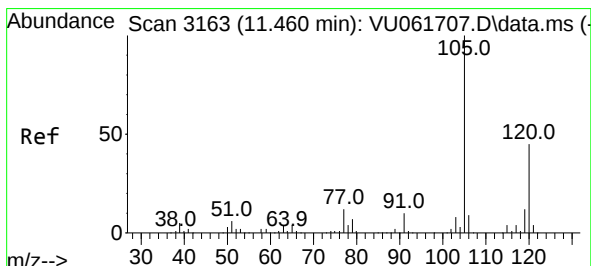
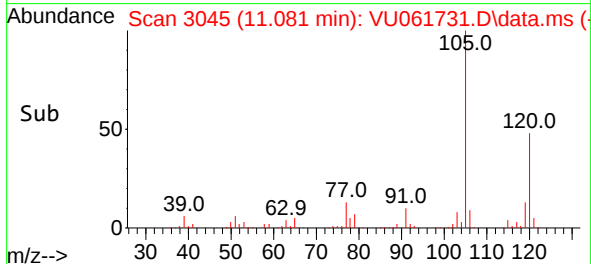
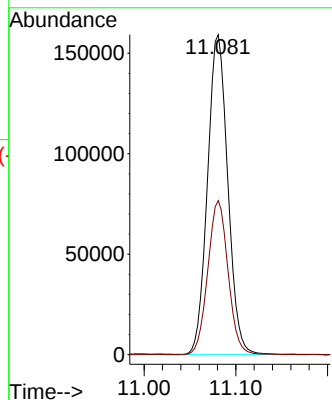
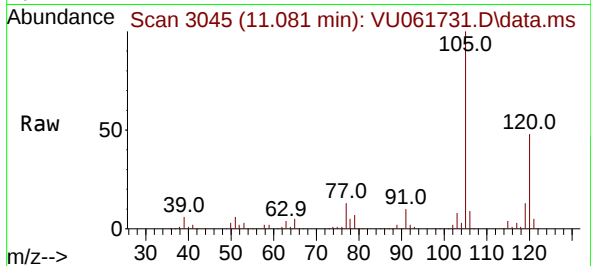




#62
1,3,5-Trimethylbenzene
Concen: 5.298 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

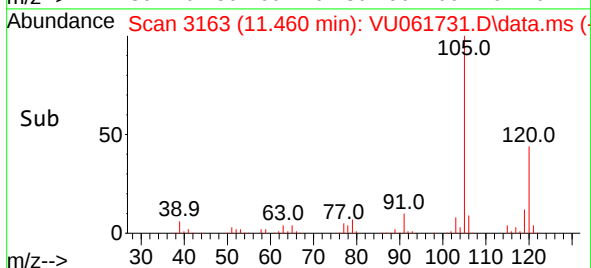
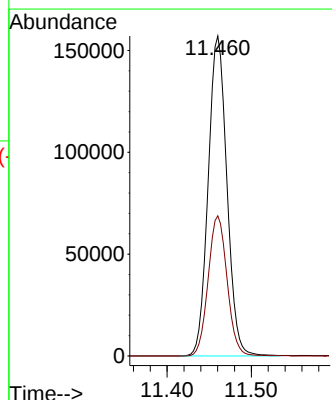
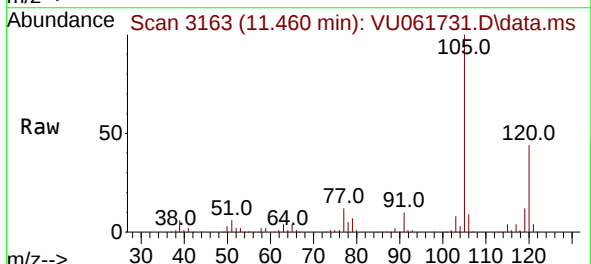
Instrument :
MSVOA_U
ClientSampleId :

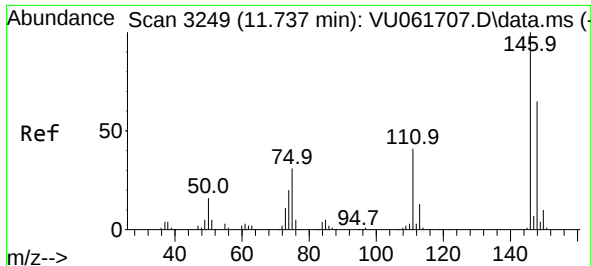
Tgt Ion:105 Resp: 244198
Ion Ratio Lower Upper
105 100
120 48.4 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.417 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion:105 Resp: 243058
Ion Ratio Lower Upper
105 100
120 44.3 36.3 54.5

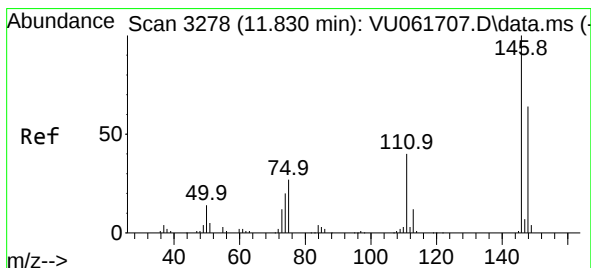
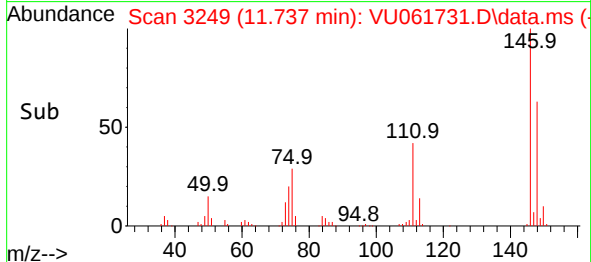
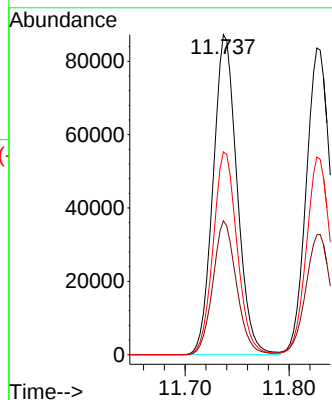
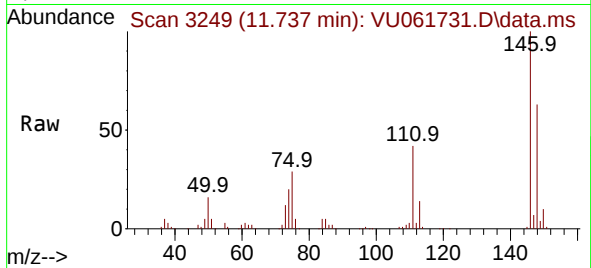




#64
1,3-Dichlorobenzene
Concen: 5.299 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

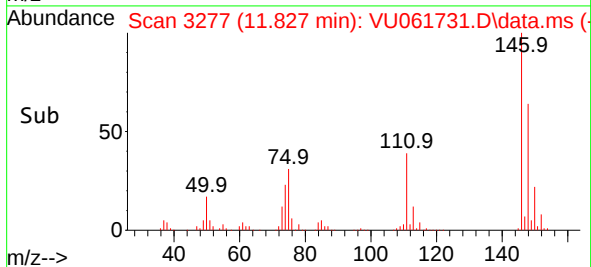
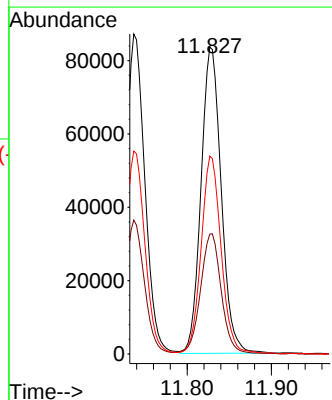
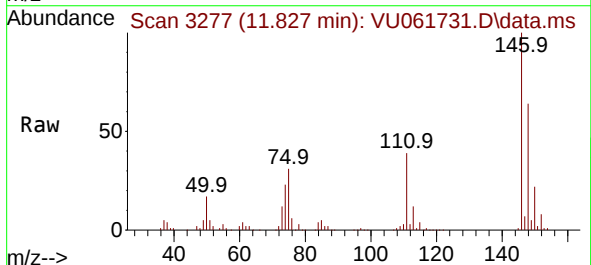
Instrument :
MSVOA_U
ClientSampleId :

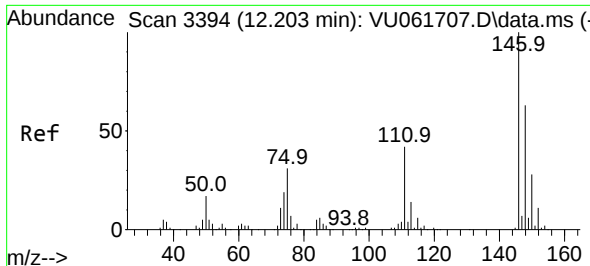
Tgt Ion:146 Resp: 139896
Ion Ratio Lower Upper
146 100
111 41.8 29.3 54.3
148 63.4 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.199 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion:146 Resp: 139384
Ion Ratio Lower Upper
146 100
111 39.1 28.8 53.4
148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.251 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

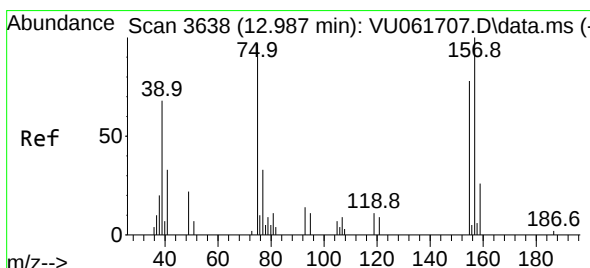
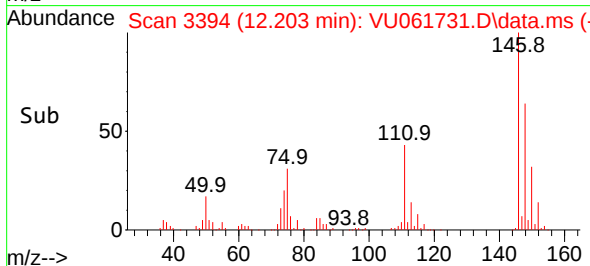
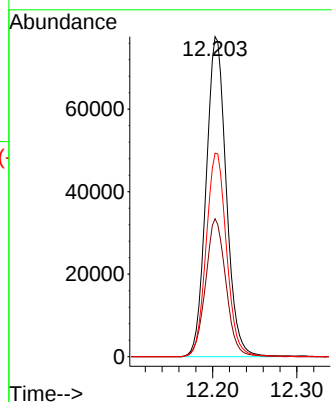
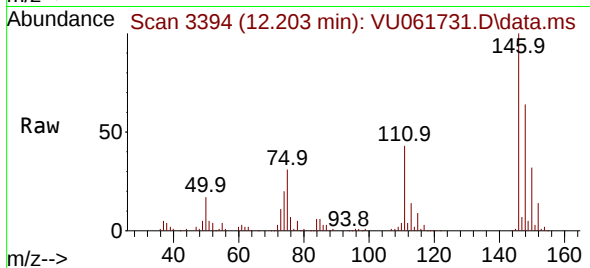
Tgt Ion:146 Resp: 128927

Ion Ratio Lower Upper

146 100

111 43.1 35.2 52.8

148 63.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.410 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

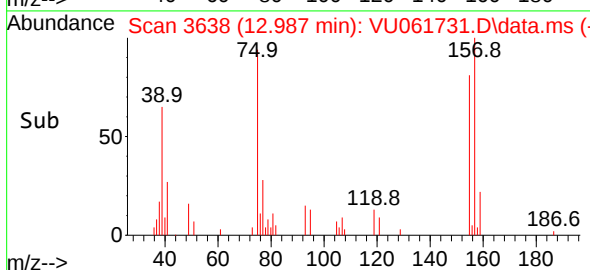
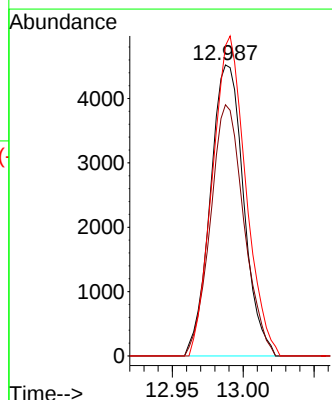
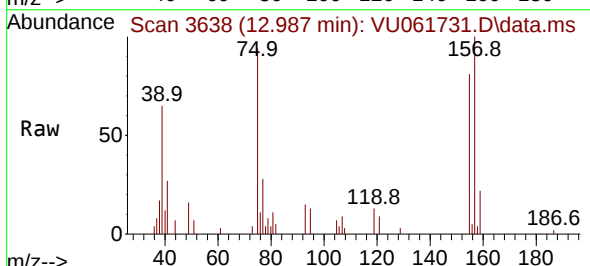
Tgt Ion: 75 Resp: 7388

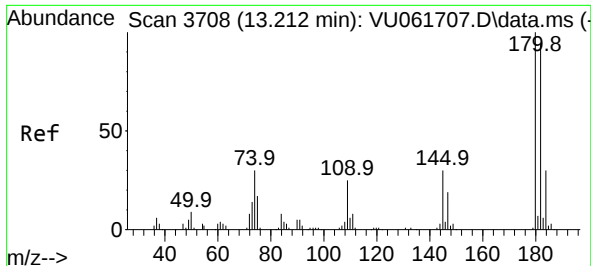
Ion Ratio Lower Upper

75 100

155 86.3 62.6 93.8

157 106.6 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 5.371 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

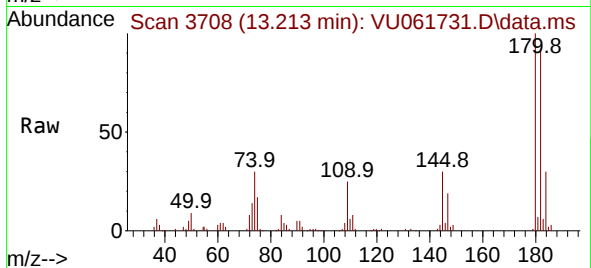
Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 99015

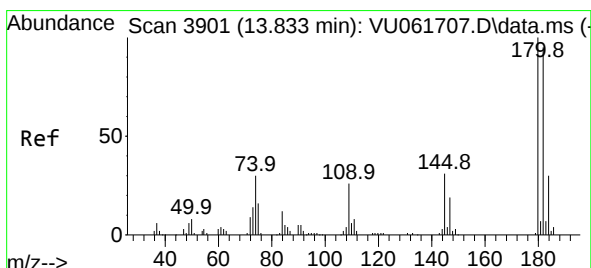
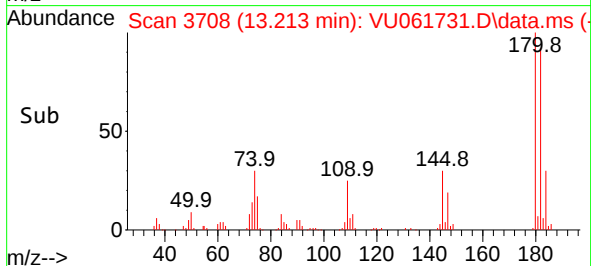
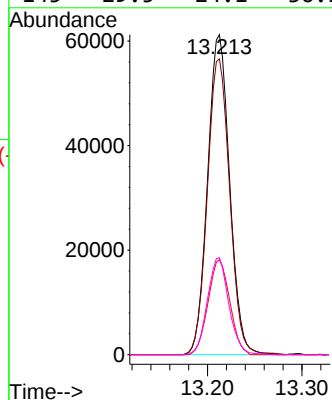
Ion Ratio Lower Upper

180 100

182 94.0 77.1 115.7

184 29.2 24.7 37.1

145 29.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.600 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061731.D

Acq: 15 Nov 2024 19:29

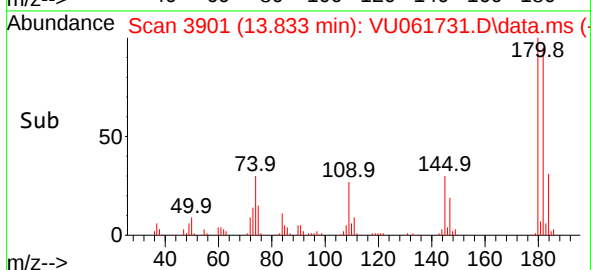
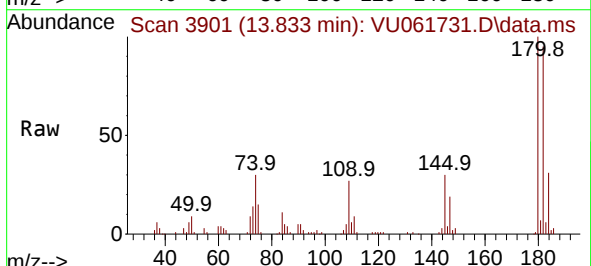
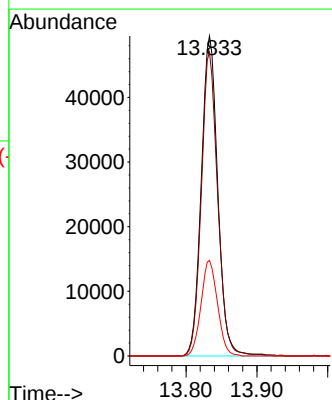
Tgt Ion:180 Resp: 80002

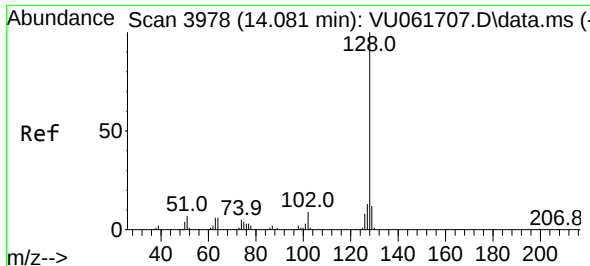
Ion Ratio Lower Upper

180 100

182 94.1 77.4 116.0

145 29.8 24.5 36.7

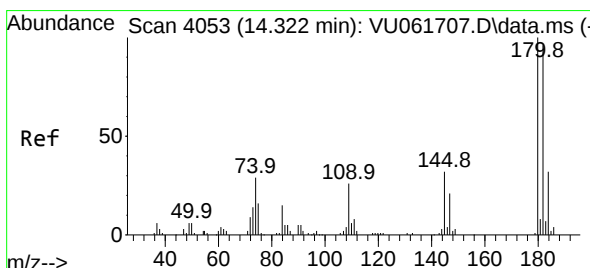
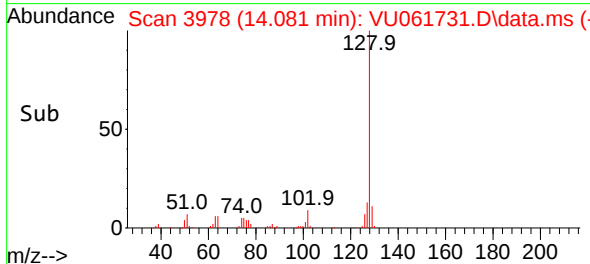
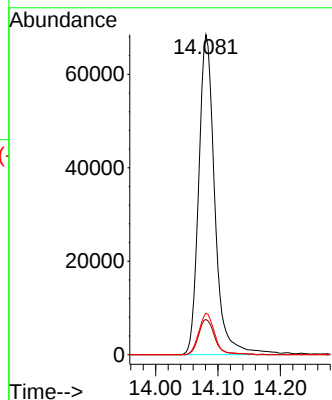
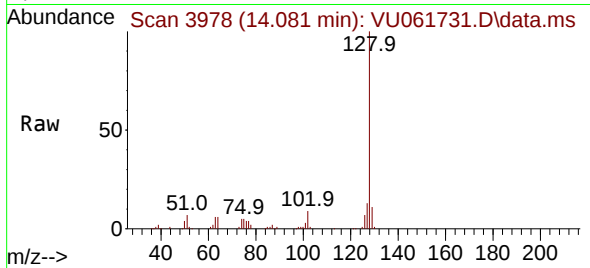




#71
Naphthalene
Concen: 5.996 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 122971
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.779 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061731.D
Acq: 15 Nov 2024 19:29

Tgt Ion:180 Resp: 69307
Ion Ratio Lower Upper
180 100
182 94.3 76.6 114.8
145 32.2 26.3 39.5

