

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061730.D
 Acq On : 15 Nov 2024 19:04
 Operator : MD/SY
 Sample : P4800-16MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:25:32 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	172410	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48803	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.908	69	55251	5.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.560	65	21170	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	126866	53.657	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.052	84	112013	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	55353	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.718	84	220889	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	67556	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.888	98	202465	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	23769	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.628	63	109396	56.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55667	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	72939	5.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	67310	5.253	ug/L	100
3) Chloromethane	1.515	50	60692	5.221	ug/L	99
5) Vinyl chloride	1.599	62	69182	5.393	ug/L	98
6) Bromomethane	1.853	94	44184	5.772	ug/L	99
8) Chloroethane	1.927	64	51936	5.836	ug/L	98
9) Trichlorofluoromethane	2.133	101	96035	5.092	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61031	5.474	ug/L	99
12) 1,1-Dichloroethene	2.573	96	55041	5.289	ug/L	95
13) Acetone	2.631	43	116234	78.029	ug/L	98
14) Carbon disulfide	2.785	76	162529	4.862	ug/L	100
15) Methyl Acetate	2.949	43	17159	4.610	ug/L	99
16) Methylene chloride	3.036	84	63337	5.281	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	139436	5.466	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	58450	5.120	ug/L	95
19) 1,1-Dichloroethane	3.859	63	114258	5.490	ug/L	99
21) 2-Butanone	4.698	43	134414	55.249	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	69939	5.432	ug/L	100
23) Bromochloromethane	4.965	128	31342	5.481	ug/L	95
25) Chloroform	5.078	83	120066	5.473	ug/L	99

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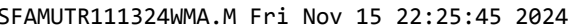
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 MSVOA_U
 ClientSampleId :

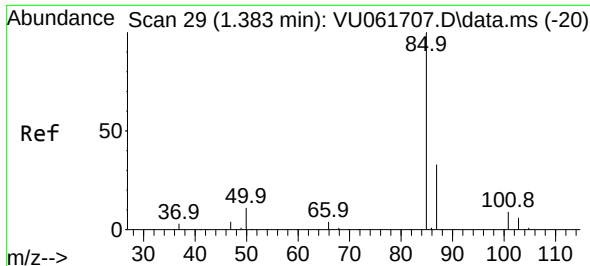
Quant Time: Nov 15 22:25:32 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75581	5.490	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	98529	5.289	ug/L	99
30) Cyclohexane	5.377	56	97072	5.216	ug/L	100
31) Carbon tetrachloride	5.515	117	83785	5.280	ug/L	99
33) Benzene	5.763	78	268745	5.424	ug/L	100
34) Trichloroethene	6.534	95	68908	5.150	ug/L	96
35) Methylcyclohexane	6.753	83	104624	5.185	ug/L	99
37) 1,2-Dichloropropane	6.779	63	69056	5.493	ug/L	99
38) Bromodichloromethane	7.097	83	79414	5.265	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	94443	5.279	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	340419	56.481	ug/L	100
42) Toluene	7.962	91	287919	5.397	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73544	5.183	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	51099	5.576	ug/L	96
47) Tetrachloroethene	8.544	164	52395	5.212	ug/L	97
48) 2-Hexanone	8.676	43	252129	58.505	ug/L	99
49) Dibromochloromethane	8.801	129	51136	5.322	ug/L	98
50) 1,2-Dibromoethane	8.914	107	47633	5.511	ug/L	95
51) Chlorobenzene	9.438	112	182990	5.329	ug/L	99
52) Ethylbenzene	9.563	91	307064	5.403	ug/L	100
53) m,p-Xylene	9.685	106	118781	5.463	ug/L	99
54) o-Xylene	10.094	106	115699	5.474	ug/L	98
55) Styrene	10.107	104	181706	5.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61993	5.559	ug/L	93
59) Bromoform	10.283	173	27346	5.175	ug/L	99
60) Isopropylbenzene	10.476	105	301322	5.442	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41072	5.461	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	234702	5.294	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	233927	5.421	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	138498	5.455	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	133677	5.185	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	129614	5.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7375	5.616	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	93818	5.292	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	76272	5.551	ug/L	99
71) Naphthalene	14.081	128	119056	6.036	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	65819	5.707	ug/L	99

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

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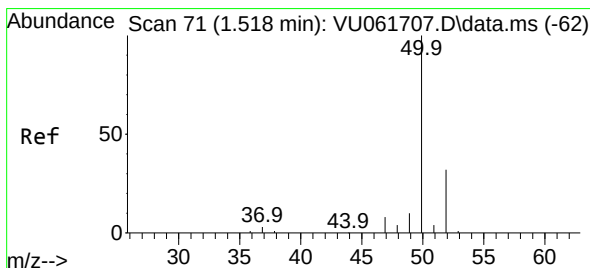
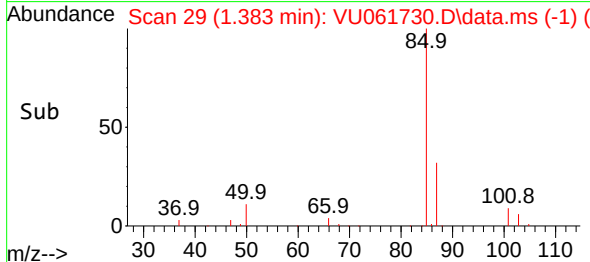
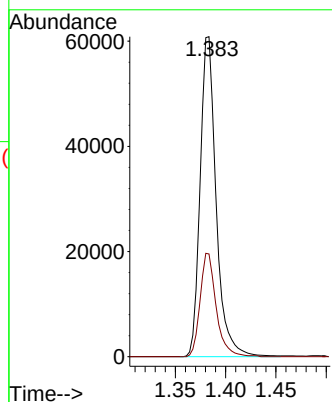
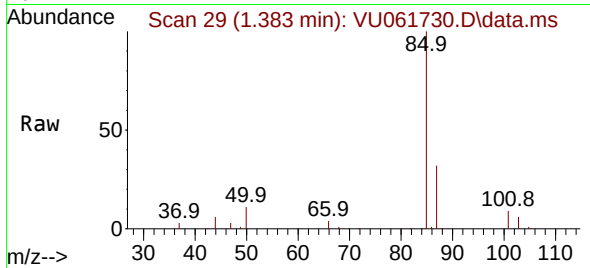




#2
 Dichlorodifluoromethane
 Concen: 5.253 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061730.D
 Acq: 15 Nov 2024 19:04

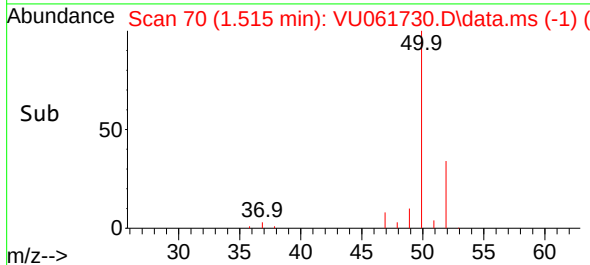
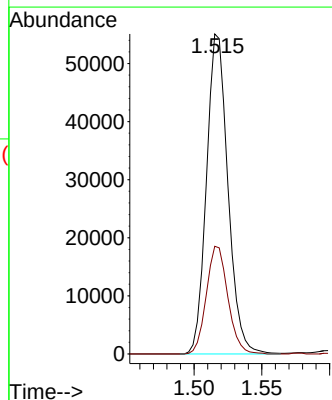
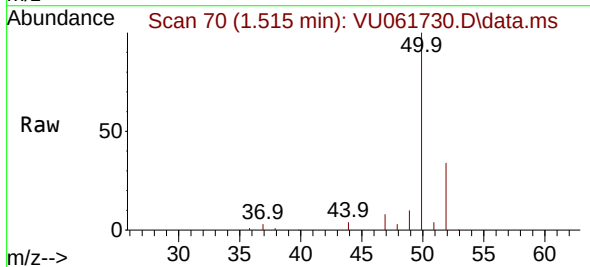
Instrument :
 MSVOA_U
 ClientSampleId :

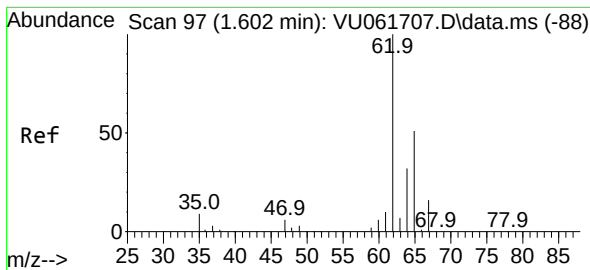
Tgt Ion: 85 Resp: 67310
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.221 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061730.D
 Acq: 15 Nov 2024 19:04

Tgt Ion: 50 Resp: 60692
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2





#5

Vinyl chloride

Concen: 5.393 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

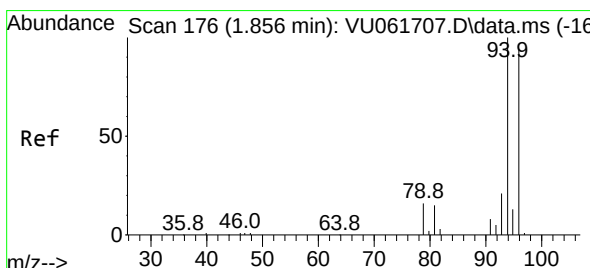
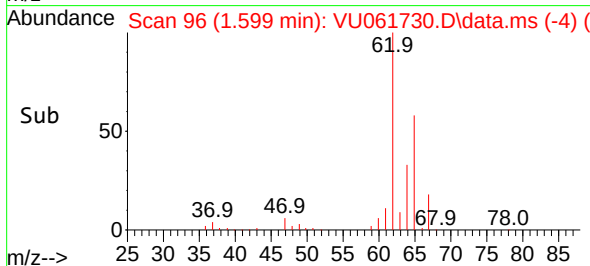
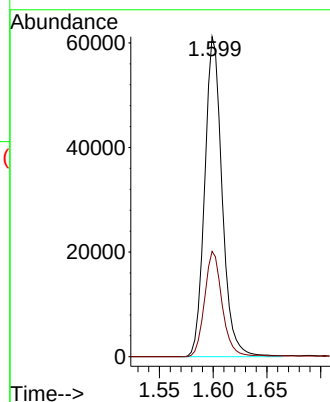
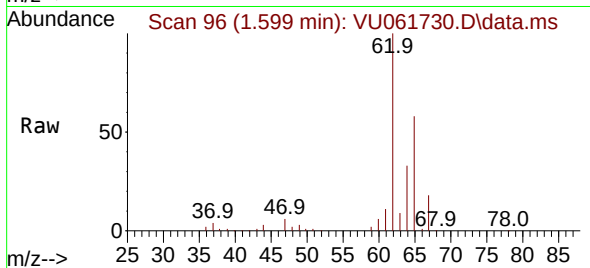
ClientSampleId :

Tgt Ion: 62 Resp: 69182

Ion Ratio Lower Upper

62 100

64 32.9 23.7 44.1



#6

Bromomethane

Concen: 5.772 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061730.D

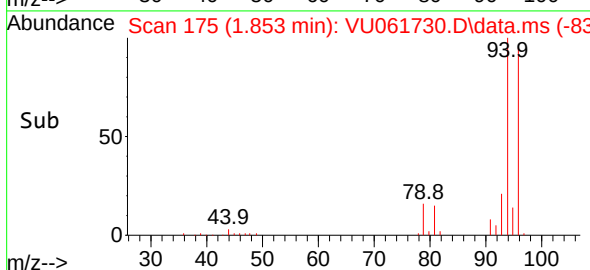
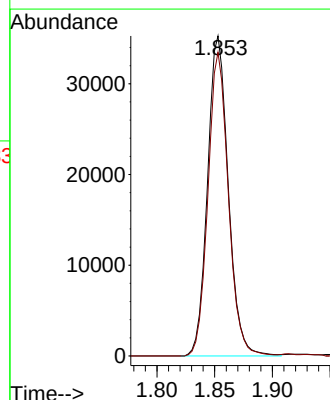
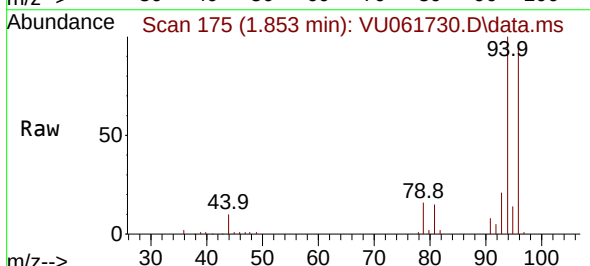
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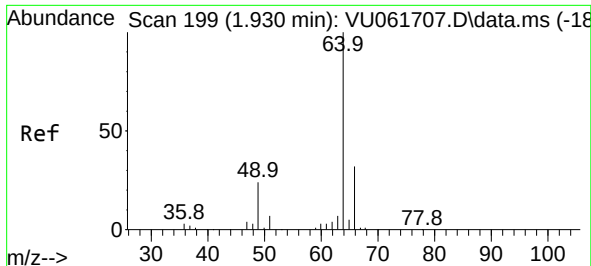
Tgt Ion: 94 Resp: 44184

Ion Ratio Lower Upper

94 100

96 94.9 65.7 121.9





#8

Chloroethane

Concen: 5.836 ug/L

RT: 1.927 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

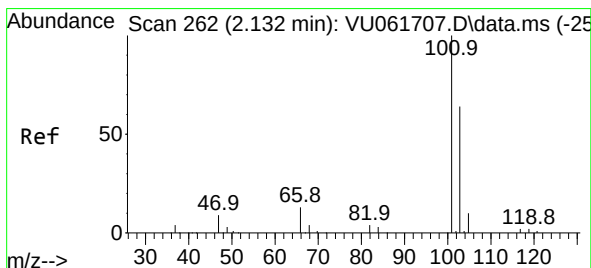
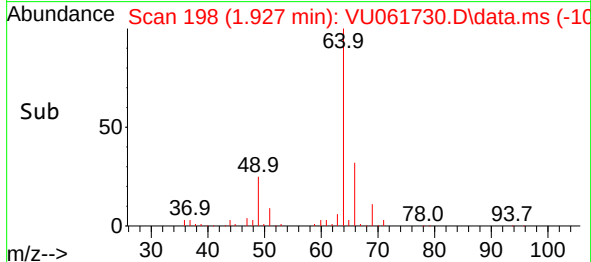
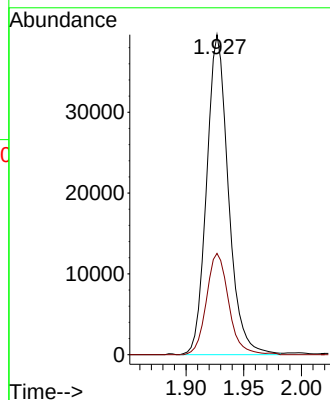
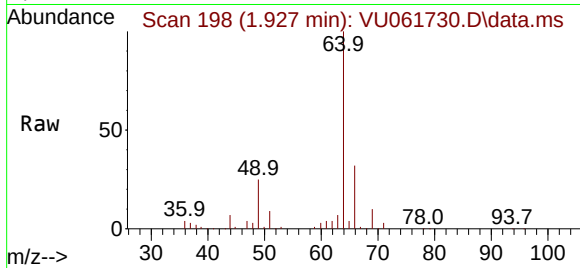
ClientSampleId :

Tgt Ion: 64 Resp: 51936

Ion Ratio Lower Upper

64 100

66 31.7 23.1 42.9



#9

Trichlorofluoromethane

Concen: 5.092 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061730.D

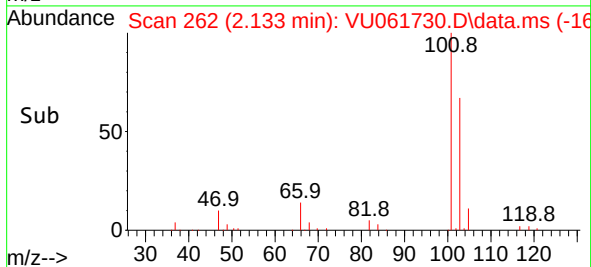
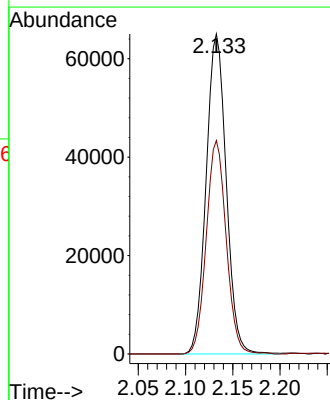
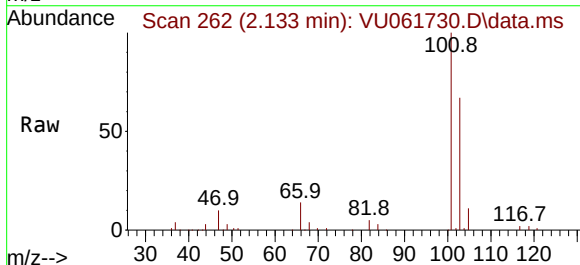
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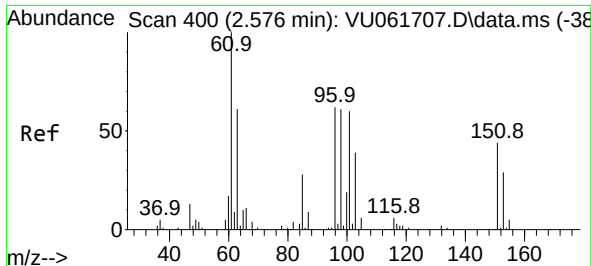
Tgt Ion:101 Resp: 96035

Ion Ratio Lower Upper

101 100

103 66.1 52.2 78.2

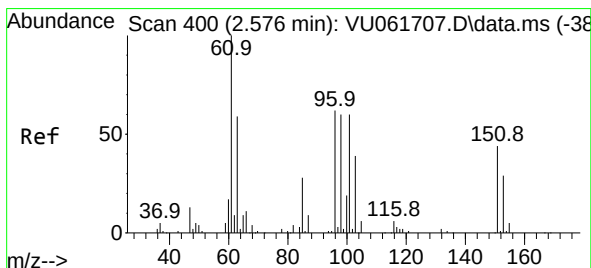
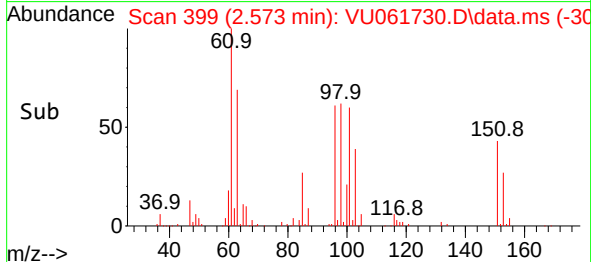
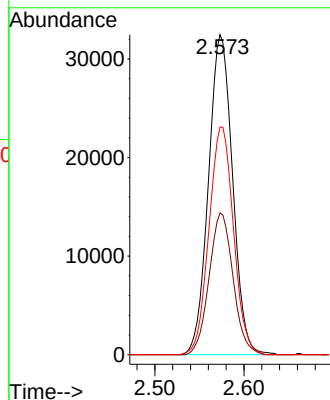
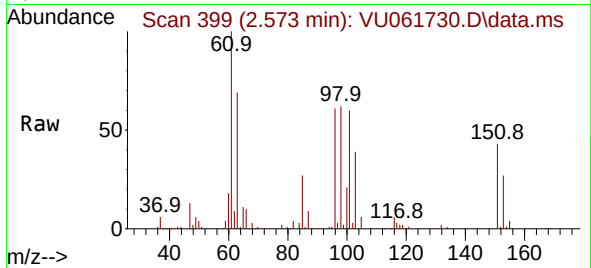




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.474 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061730.D
 Acq: 15 Nov 2024 19:04

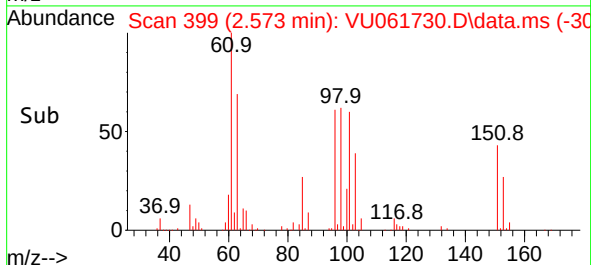
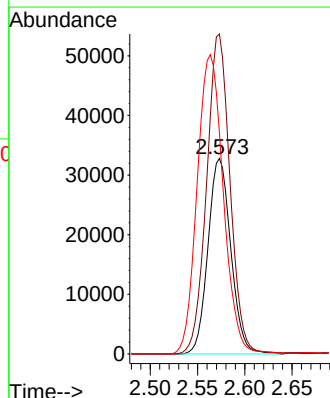
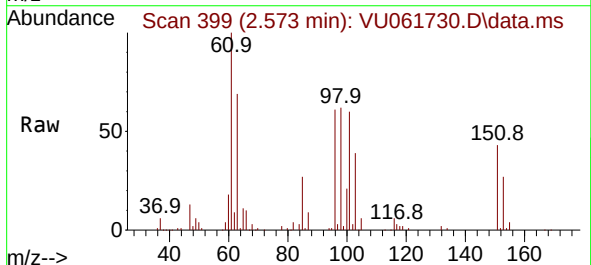
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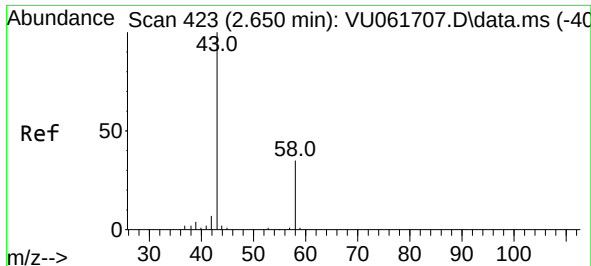
Tgt Ion:101 Resp: 61031
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 72.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.289 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061730.D
 Acq: 15 Nov 2024 19:04

Tgt Ion: 96 Resp: 55041
 Ion Ratio Lower Upper
 96 100
 61 163.7 116.8 217.0
 63 113.4 86.1 159.9





#13

Acetone

Concen: 78.029 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.019 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

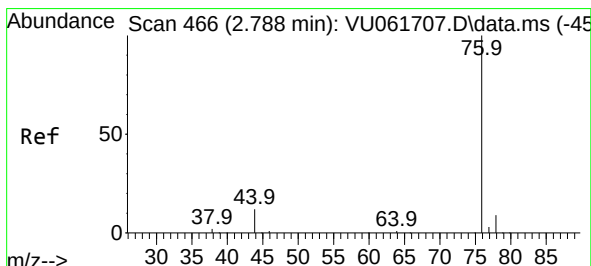
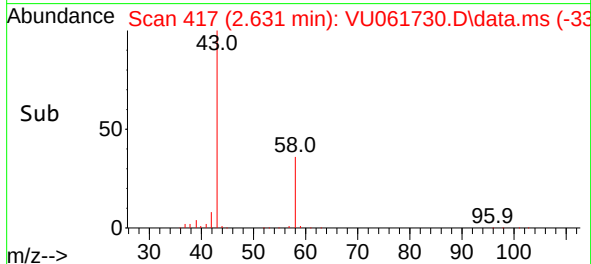
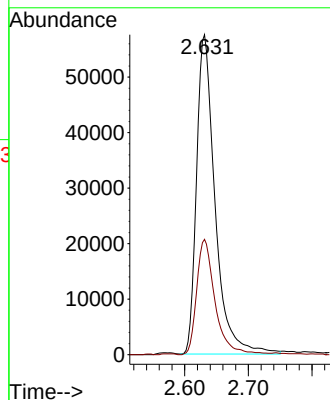
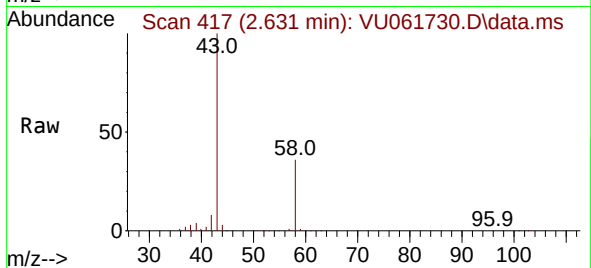
ClientSampleId :

Tgt Ion: 43 Resp: 116234

Ion Ratio Lower Upper

43 100

58 36.0 0.0 69.8



#14

Carbon disulfide

Concen: 4.862 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061730.D

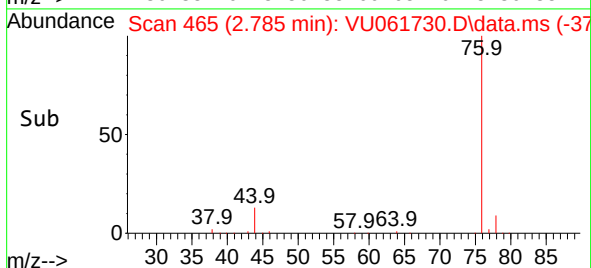
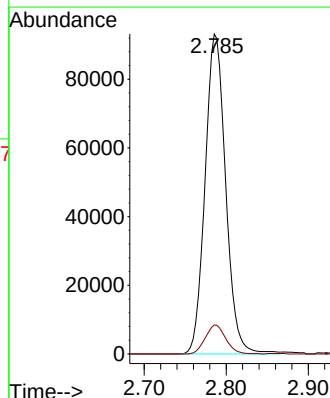
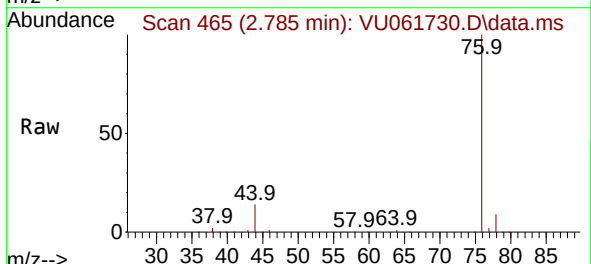
Acq: 15 Nov 2024 19:04

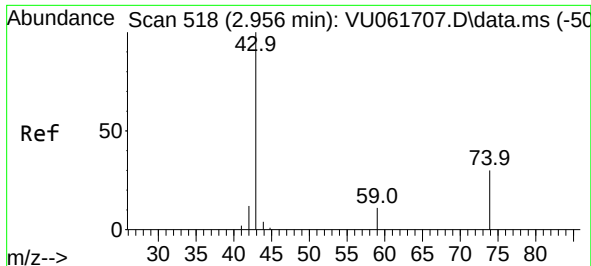
Tgt Ion: 76 Resp: 162529

Ion Ratio Lower Upper

76 100

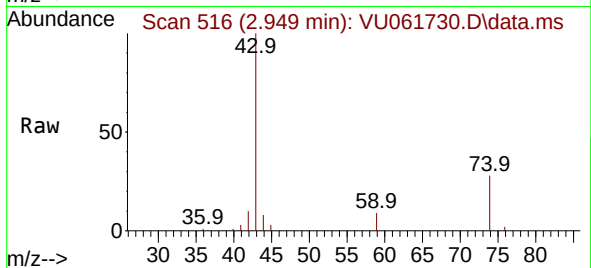
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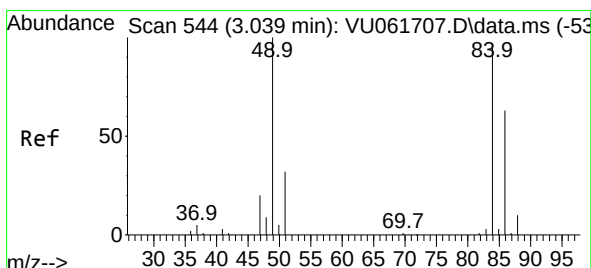
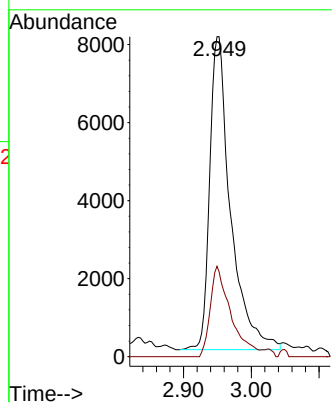
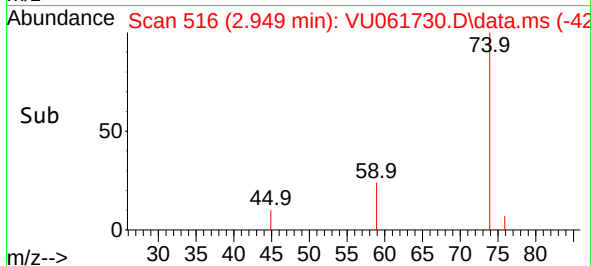


#15
Methyl Acetate
Concen: 4.610 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Instrument :
MSVOA_U
ClientSampleId :

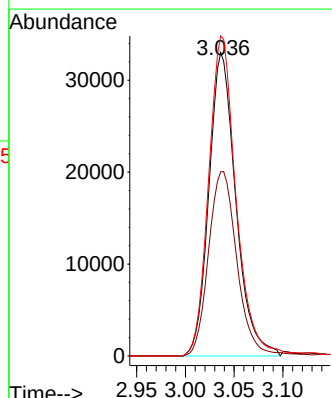
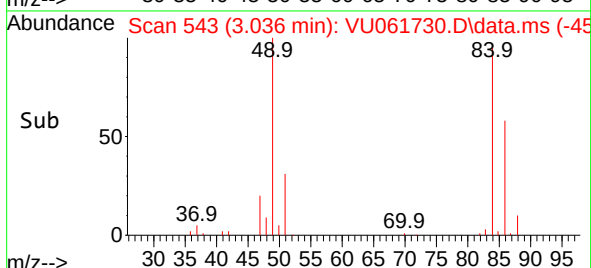
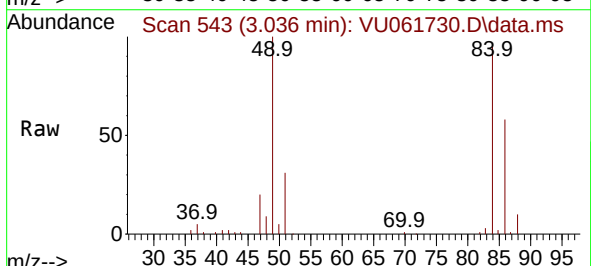


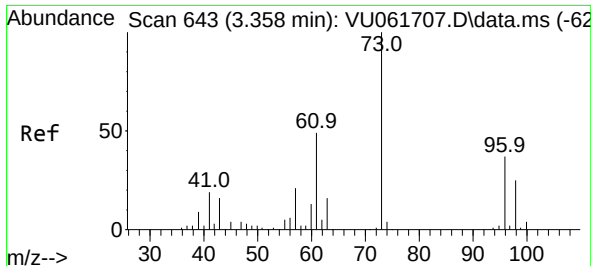
Tgt Ion: 43 Resp: 17159
Ion Ratio Lower Upper
43 100
74 28.5 22.5 33.7



#16
Methylene chloride
Concen: 5.281 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 84 Resp: 63337
Ion Ratio Lower Upper
84 100
86 60.7 45.1 83.7
49 105.5 76.3 141.7

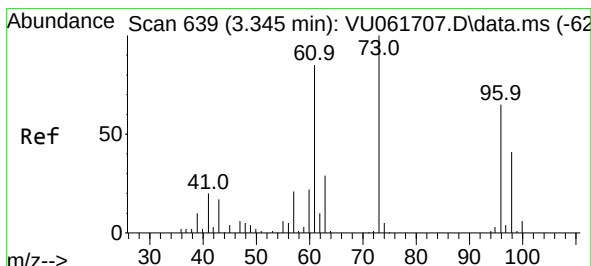
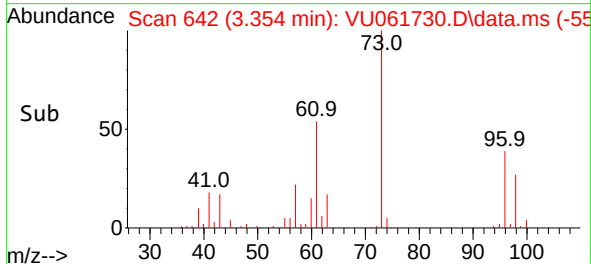
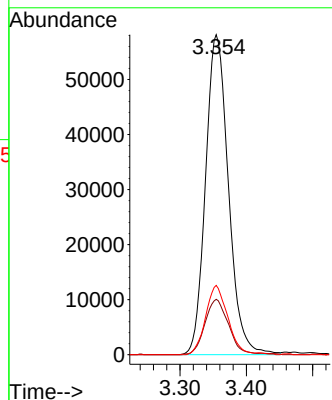
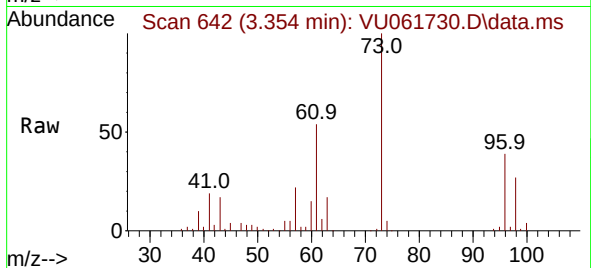




#17
Methyl tert-butyl Ether
Concen: 5.466 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

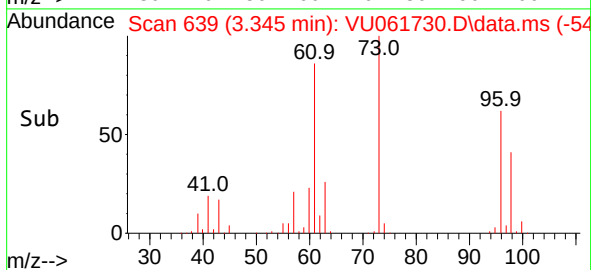
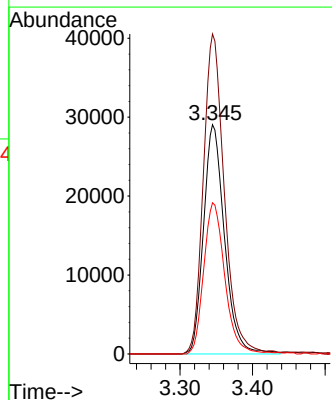
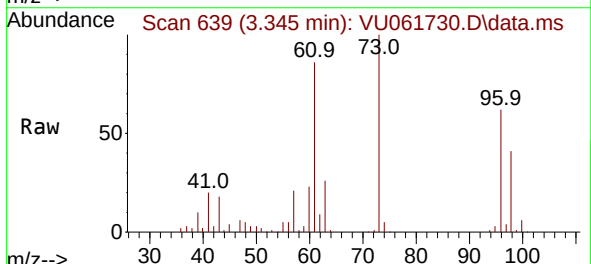
Instrument :
MSVOA_U
ClientSampleId :

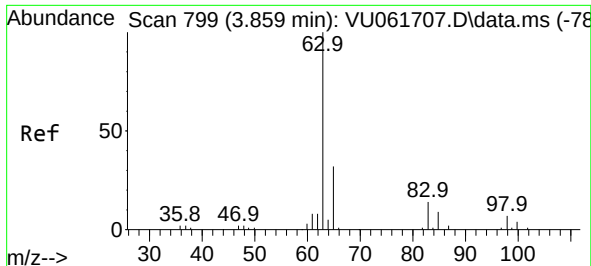
Tgt Ion: 73 Resp: 139436
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.4
57 20.9 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.120 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 96 Resp: 58450
Ion Ratio Lower Upper
96 100
61 139.5 94.1 174.8
98 65.9 43.2 80.2

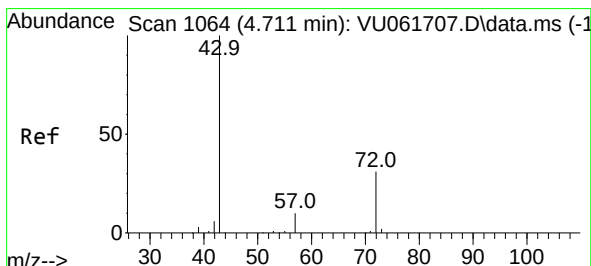
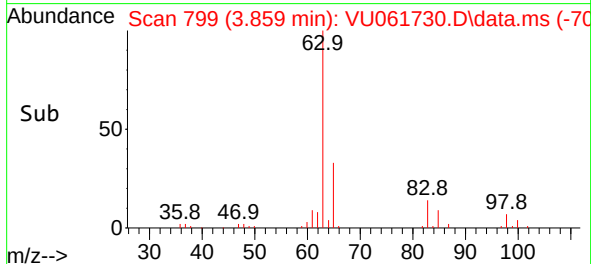
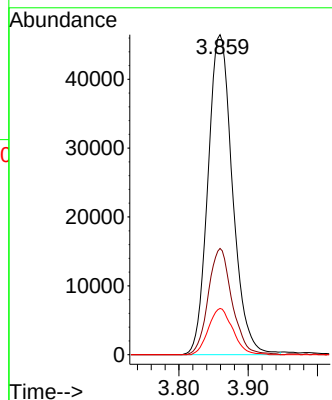
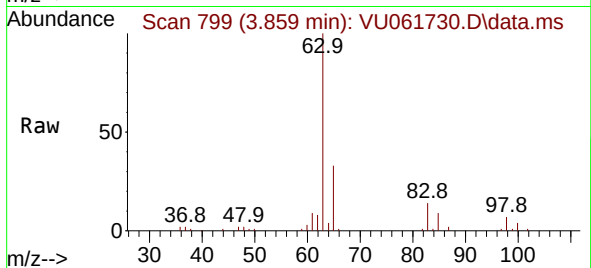




#19
1,1-Dichloroethane
Concen: 5.490 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

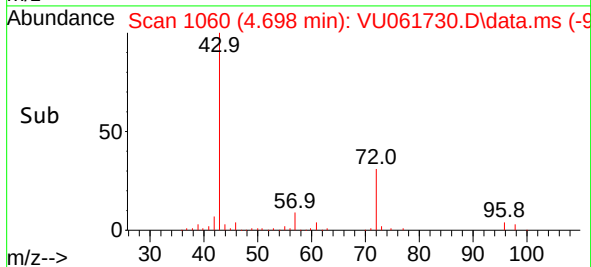
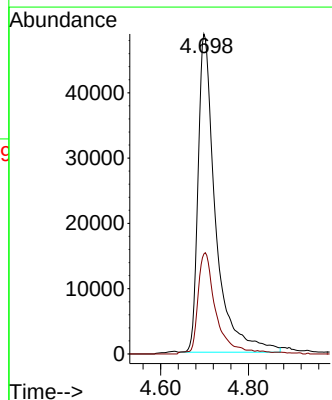
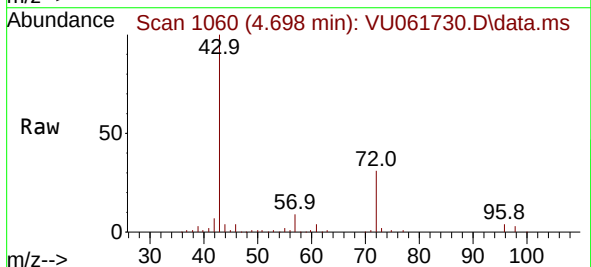
Instrument :
MSVOA_U
ClientSampleId :

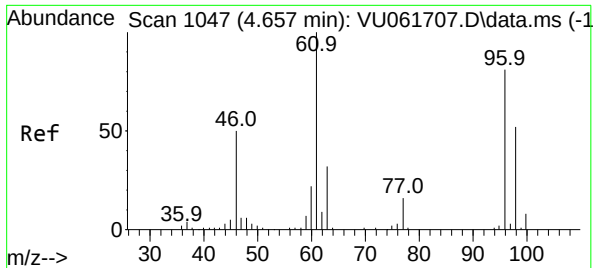
Tgt Ion: 63 Resp: 114258
Ion Ratio Lower Upper
63 100
65 33.2 23.4 43.4
83 14.4 9.6 17.8



#21
2-Butanone
Concen: 55.249 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.013 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 43 Resp: 134414
Ion Ratio Lower Upper
43 100
72 32.3 15.8 47.3

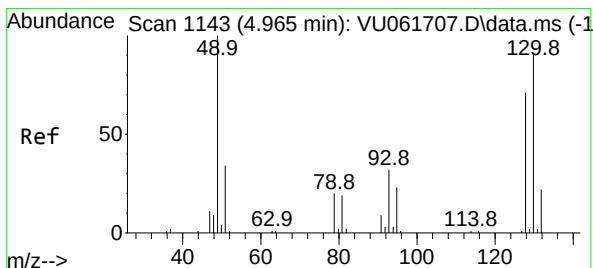
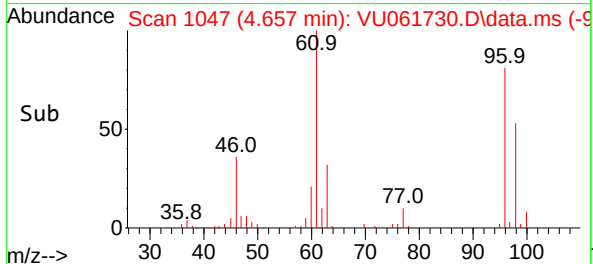
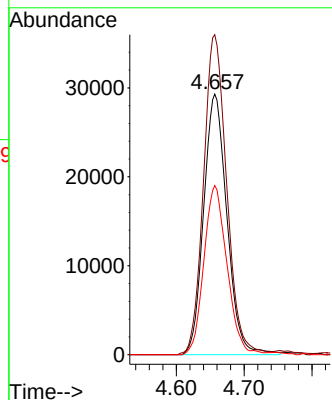
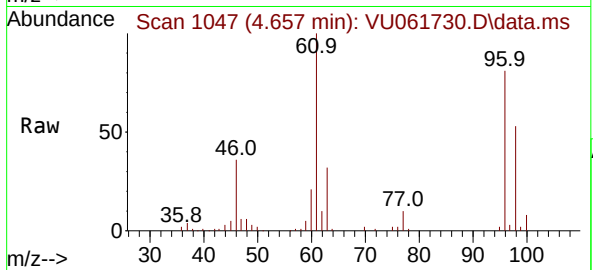




#22
 cis-1,2-Dichloroethene
 Concen: 5.432 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061730.D
 Acq: 15 Nov 2024 19:04

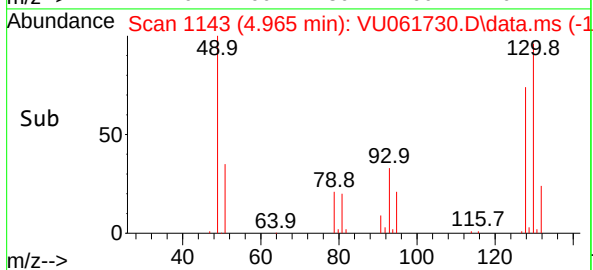
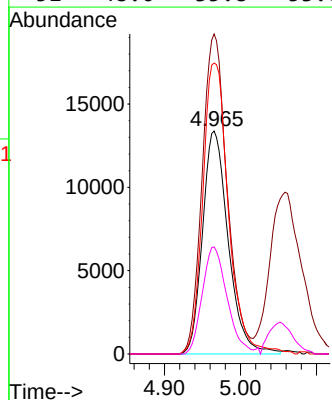
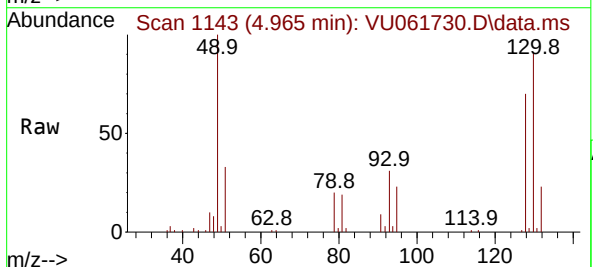
Instrument :
 MSVOA_U
 ClientSampleId :

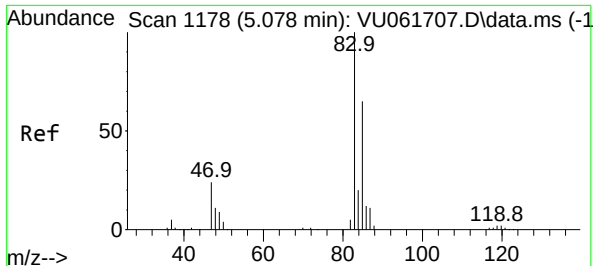
Tgt Ion: 96 Resp: 69939
 Ion Ratio Lower Upper
 96 100
 61 122.8 85.6 159.0
 98 64.9 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.481 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061730.D
 Acq: 15 Nov 2024 19:04

Tgt Ion: 128 Resp: 31342
 Ion Ratio Lower Upper
 128 100
 49 148.2 99.1 184.1
 130 130.4 88.6 164.6
 51 48.0 35.8 53.6





#25

Chloroform

Concen: 5.473 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

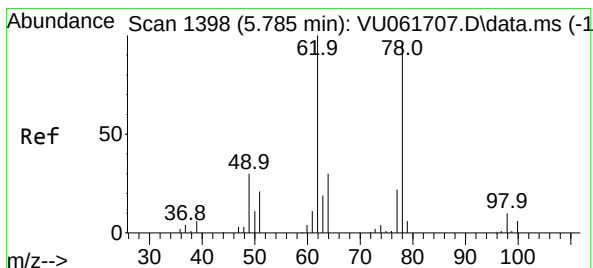
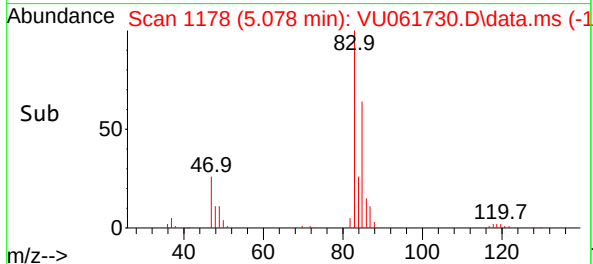
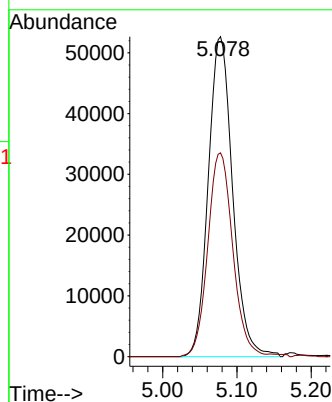
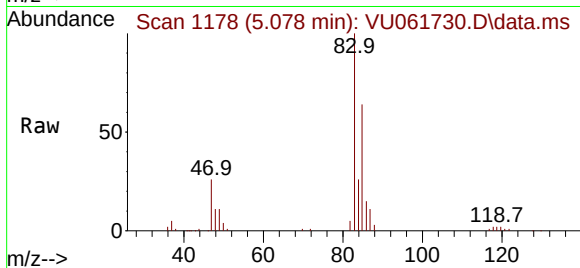
ClientSampleId :

Tgt Ion: 83 Resp: 120066

Ion Ratio Lower Upper

83 100

85 63.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.490 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061730.D

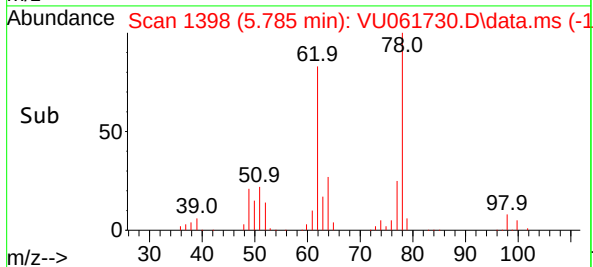
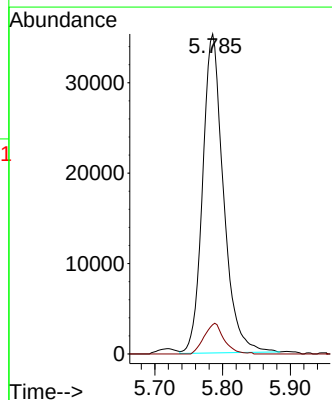
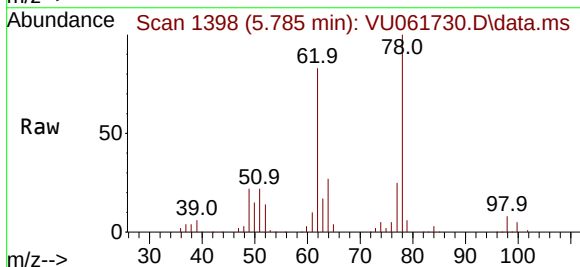
Acq: 15 Nov 2024 19:04

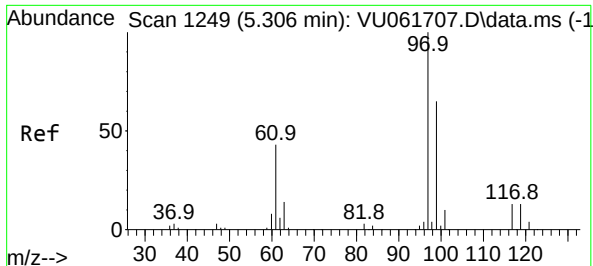
Tgt Ion: 62 Resp: 75581

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5

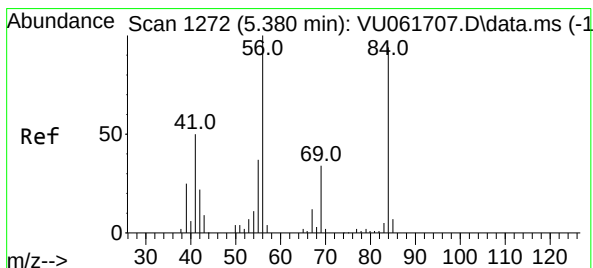
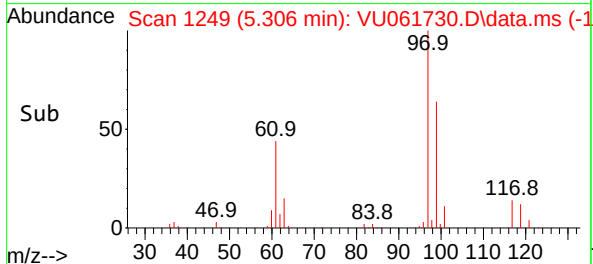
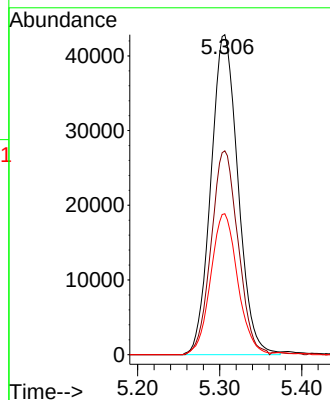
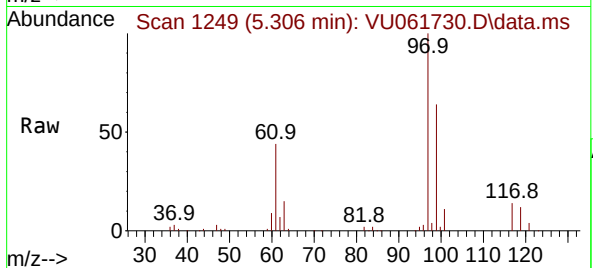




#29
1,1,1-Trichloroethane
Concen: 5.289 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

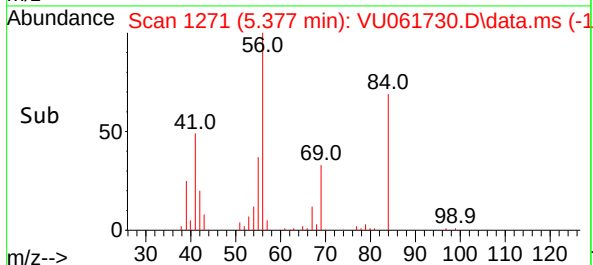
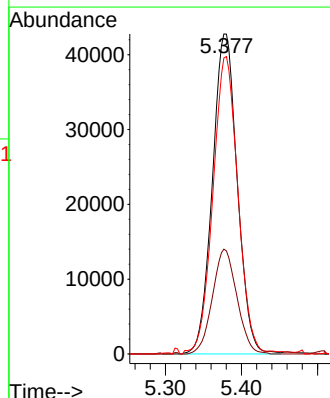
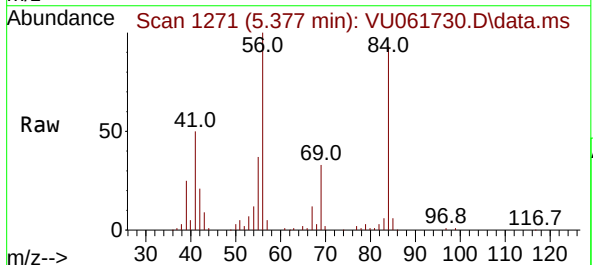
Instrument :
MSVOA_U
ClientSampleId :

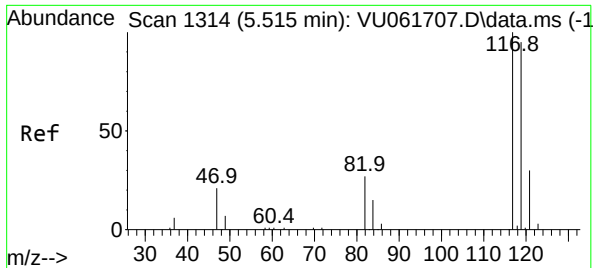
Tgt Ion: 97 Resp: 98529
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 44.0 35.4 53.0



#30
Cyclohexane
Concen: 5.216 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 56 Resp: 97072
Ion Ratio Lower Upper
56 100
69 32.2 25.6 38.4
84 93.3 74.3 111.5

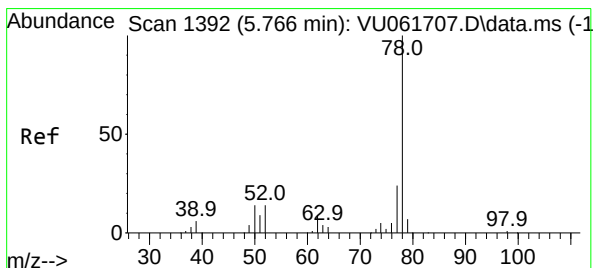
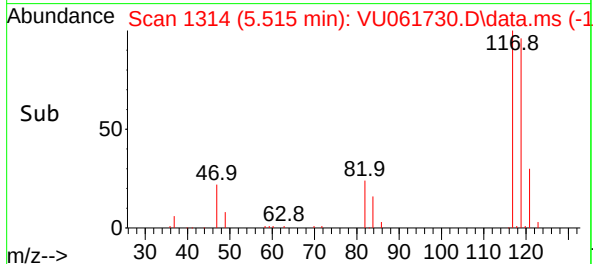
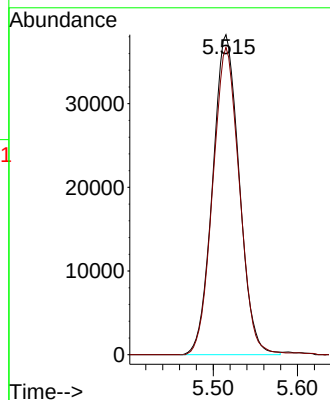
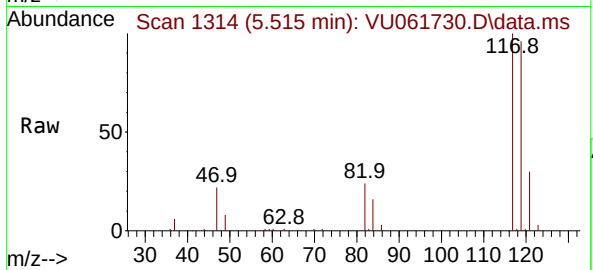




#31
Carbon tetrachloride
Concen: 5.280 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

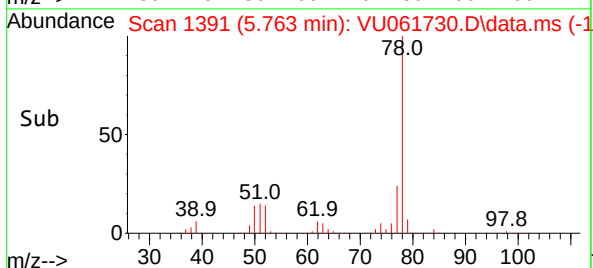
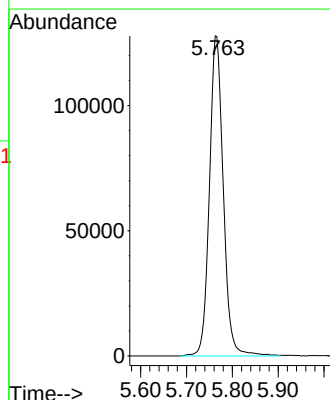
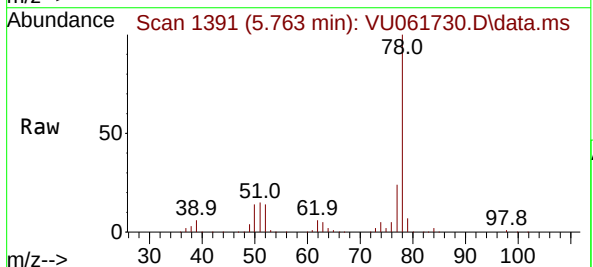
Instrument :
MSVOA_U
ClientSampleId :

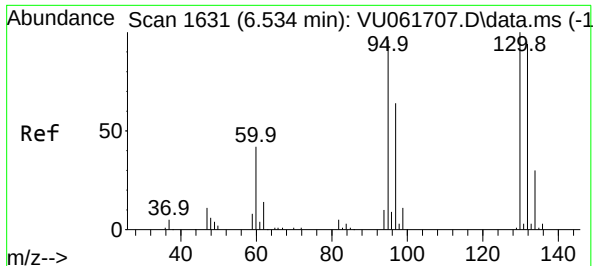
Tgt Ion:117 Resp: 83785
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 5.424 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 78 Resp: 268745





#34

Trichloroethene

Concen: 5.150 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 68908

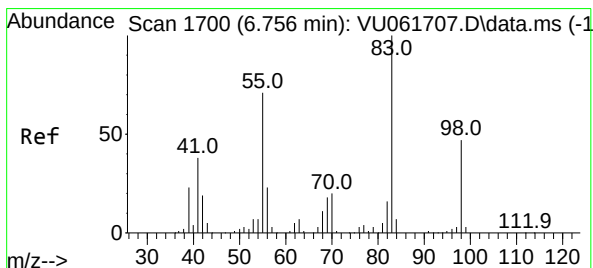
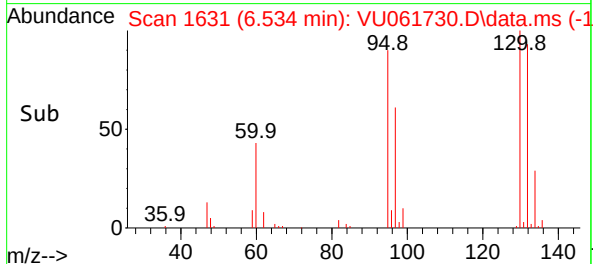
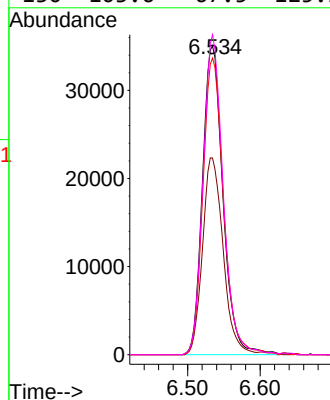
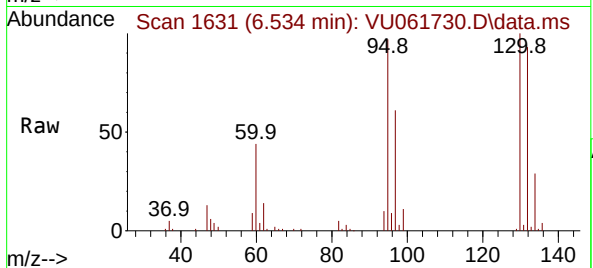
Ion Ratio Lower Upper

95 100

97 63.7 43.5 80.9

132 96.1 65.2 121.0

130 103.6 67.5 125.3



#35

Methylcyclohexane

Concen: 5.185 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

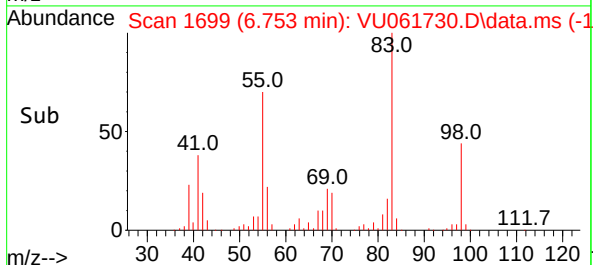
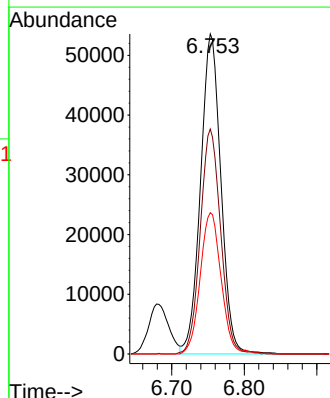
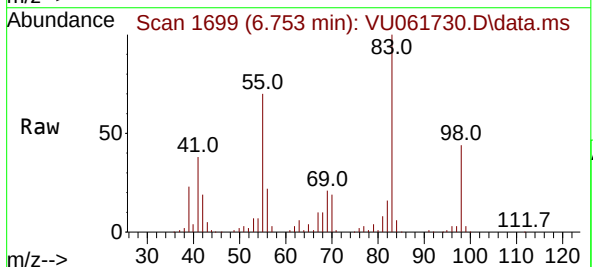
Tgt Ion: 83 Resp: 104624

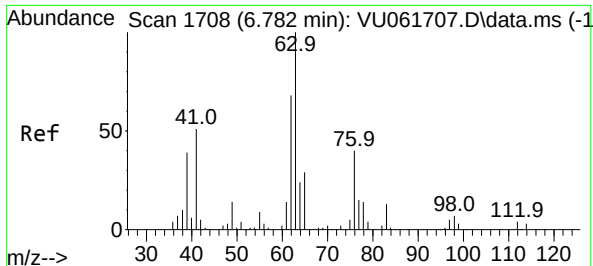
Ion Ratio Lower Upper

83 100

55 70.3 56.4 84.6

98 44.8 37.7 56.5

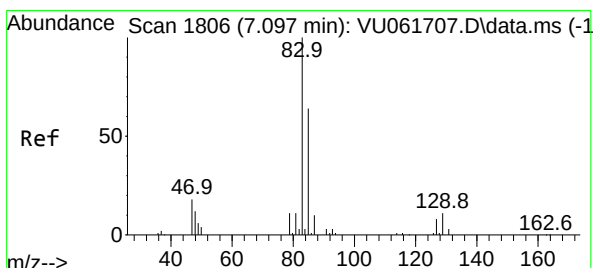
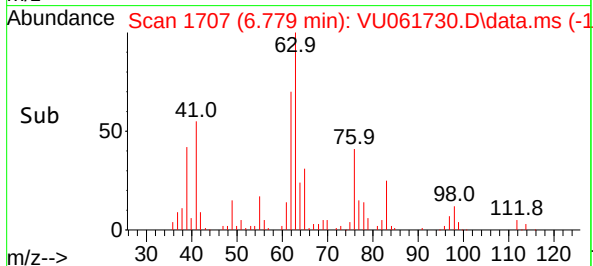
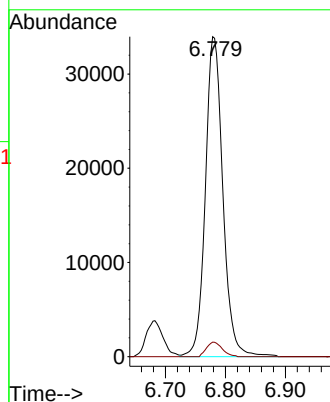
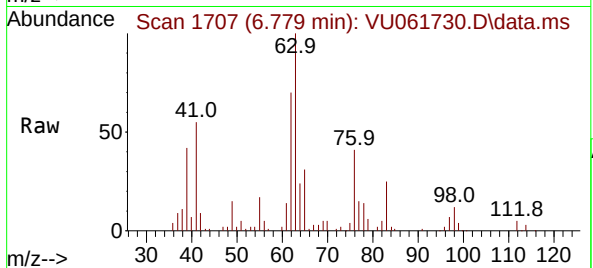




#37
1,2-Dichloropropane
Concen: 5.493 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

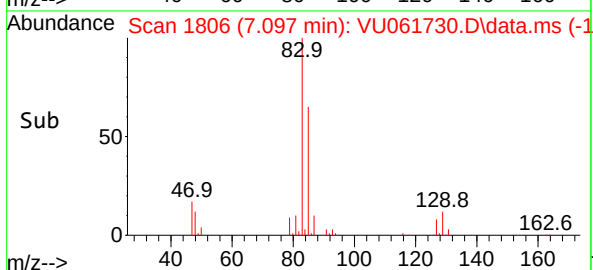
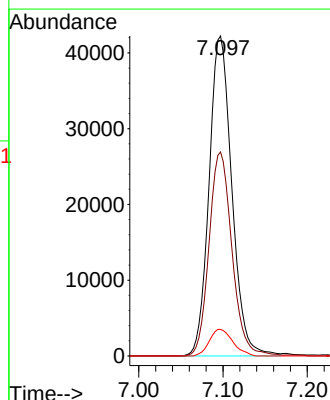
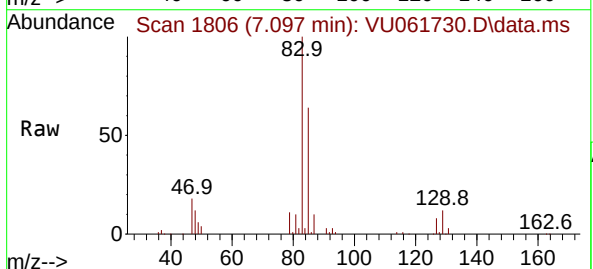
Instrument :
MSVOA_U
ClientSampleId :

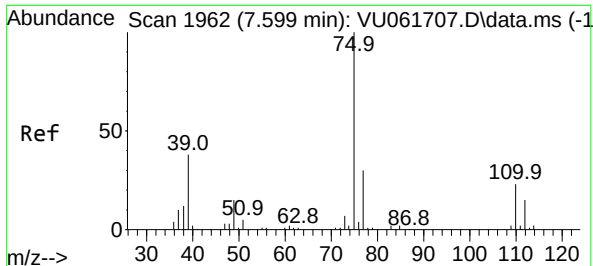
Tgt Ion: 63 Resp: 69056
Ion Ratio Lower Upper
63 100
112 4.1 3.0 4.4



#38
Bromodichloromethane
Concen: 5.265 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 83 Resp: 79414
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.279 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

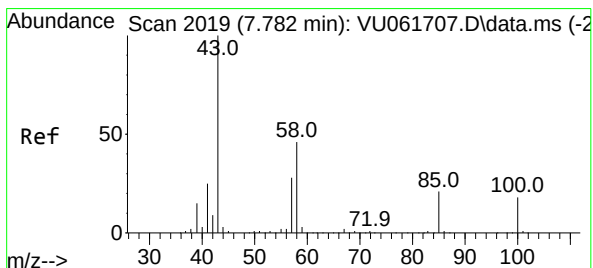
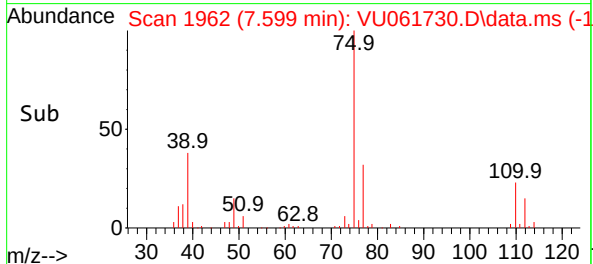
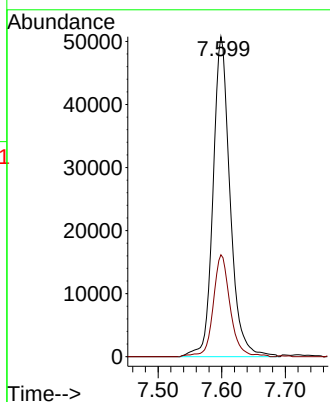
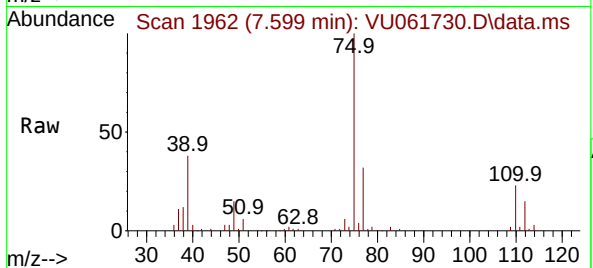
ClientSampleId :

Tgt Ion: 75 Resp: 94443

Ion Ratio Lower Upper

75 100

77 31.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.481 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

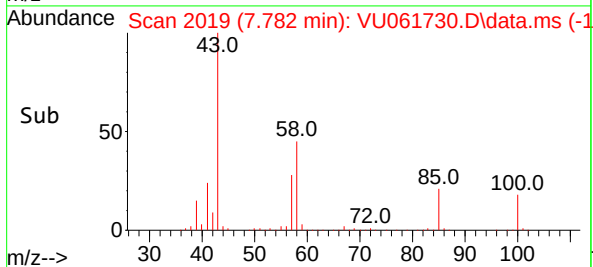
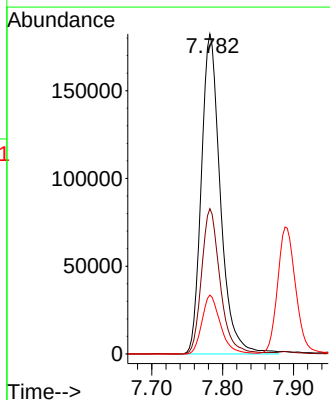
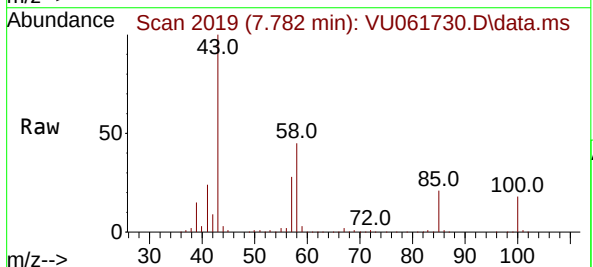
Tgt Ion: 43 Resp: 340419

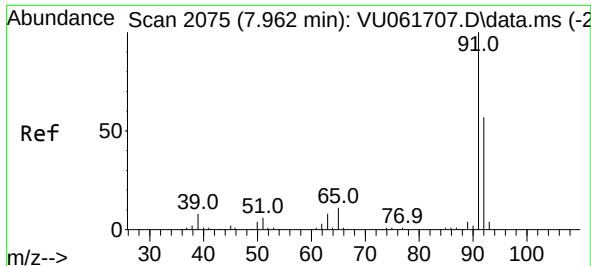
Ion Ratio Lower Upper

43 100

58 44.4 35.7 53.5

100 17.9 14.2 21.2





#42

Toluene

Concen: 5.397 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

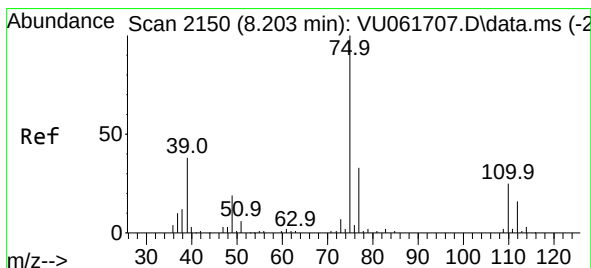
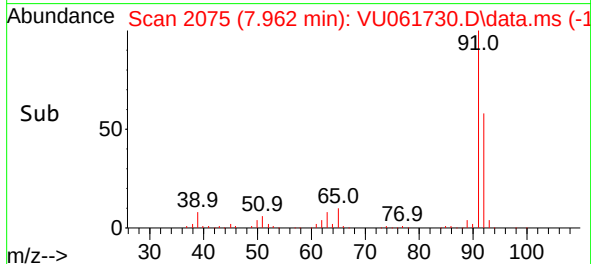
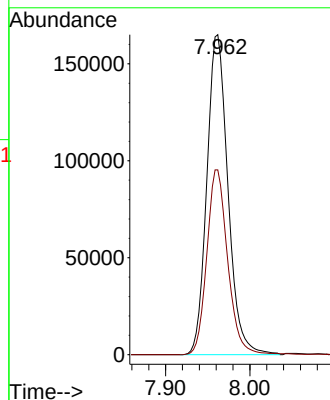
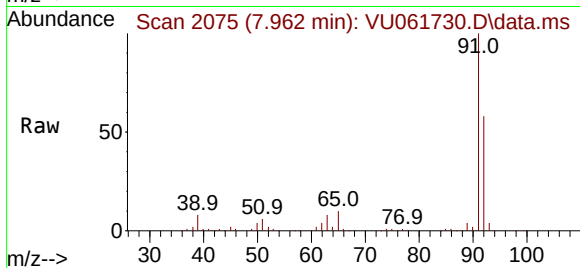
ClientSampleId :

Tgt Ion: 91 Resp: 287919

Ion Ratio Lower Upper

91 100

92 57.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.183 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061730.D

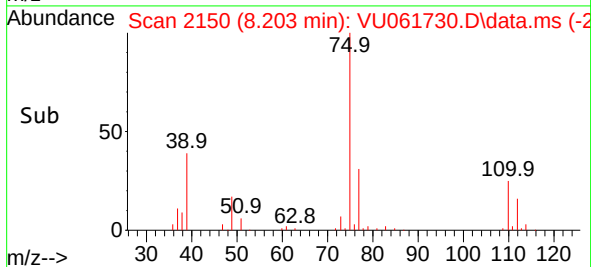
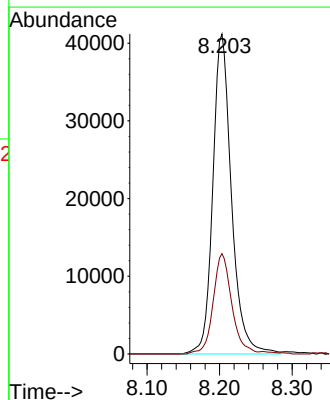
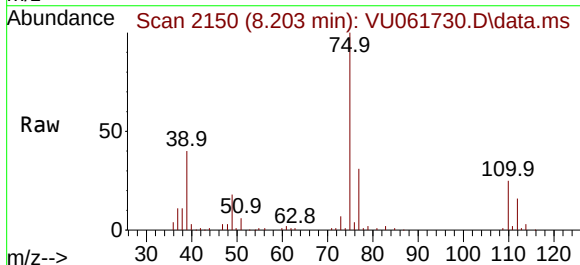
Acq: 15 Nov 2024 19:04

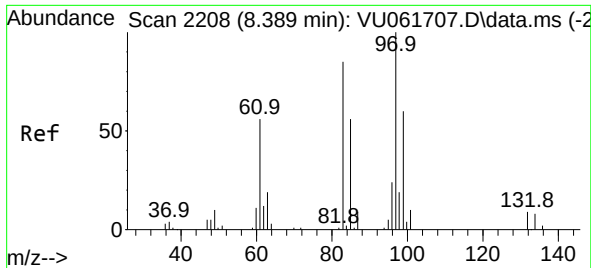
Tgt Ion: 75 Resp: 73544

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



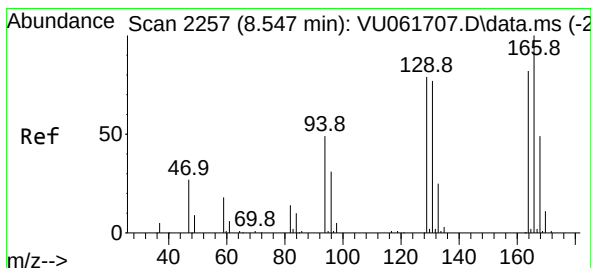
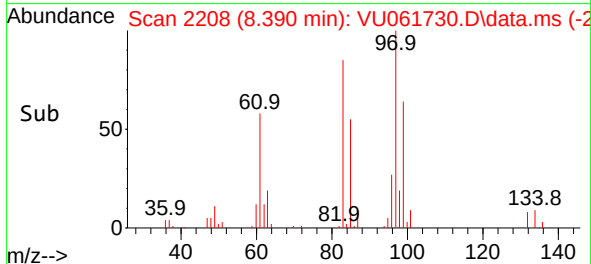
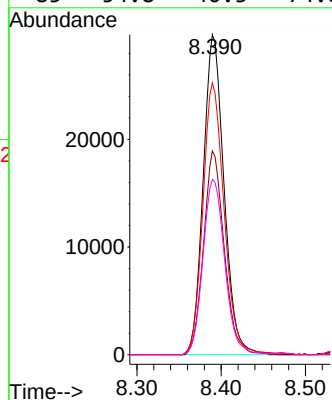
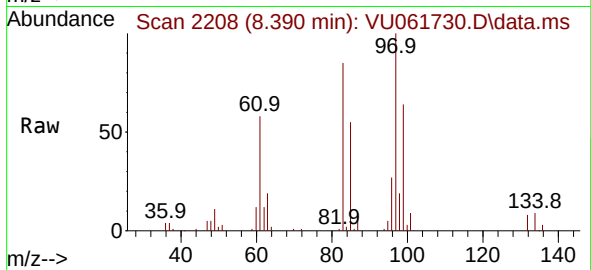


#45
1,1,2-Trichloroethane
Concen: 5.576 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51099

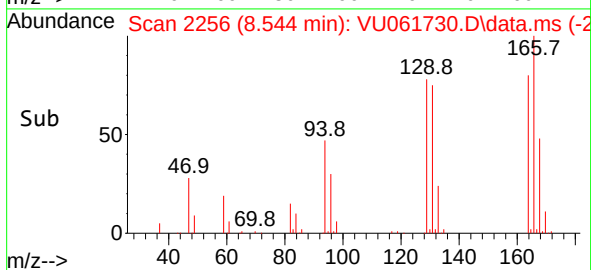
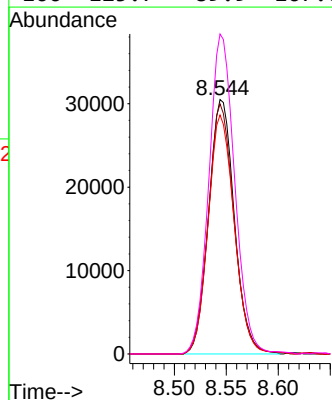
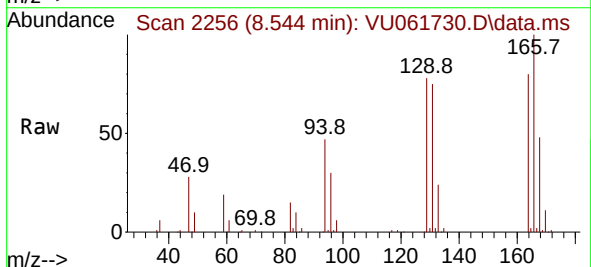
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.3
83	85.0	63.2	117.4
85	54.8	40.3	74.8

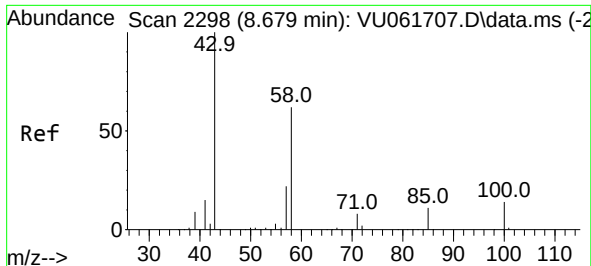


#47
Tetrachloroethene
Concen: 5.212 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 164 Resp: 52395

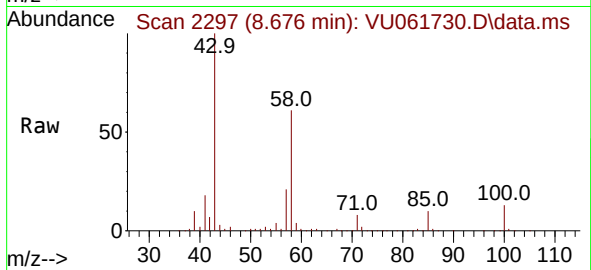
Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.7	133.3
131	93.9	68.2	126.6
166	125.7	89.9	167.0





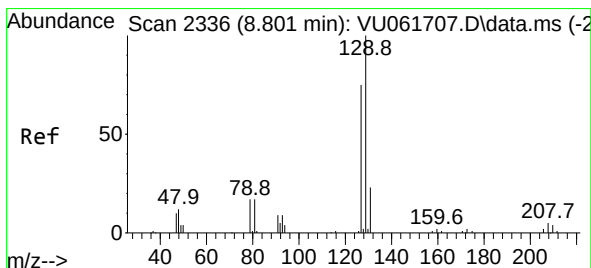
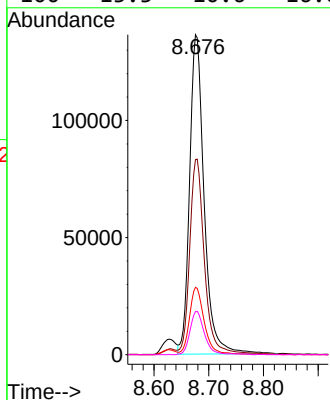
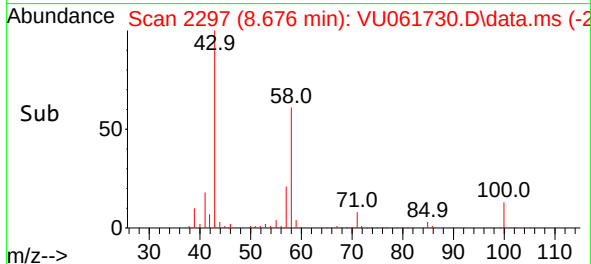
#48
2-Hexanone
Concen: 58.505 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 252129

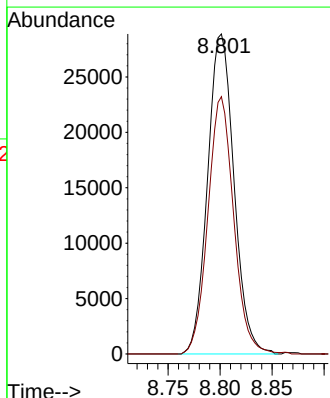
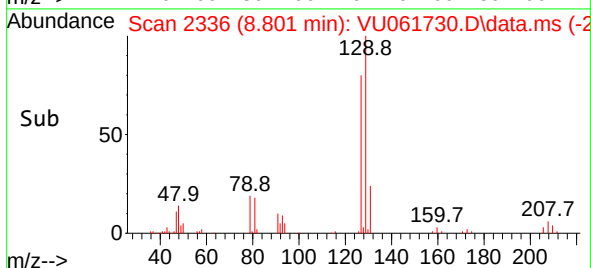
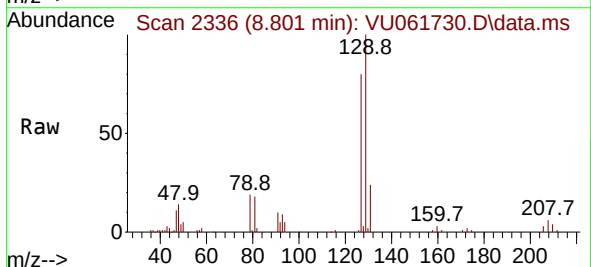
Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.4	74.2
57	21.2	16.3	24.5
100	13.3	10.6	16.0

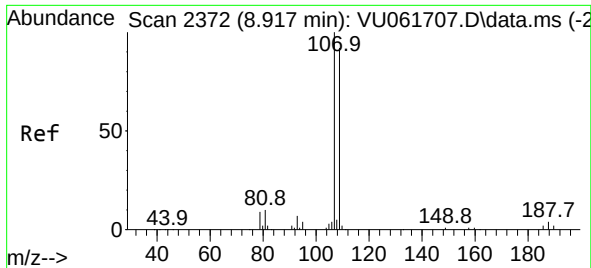


#49
Dibromochloromethane
Concen: 5.322 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 129 Resp: 51136

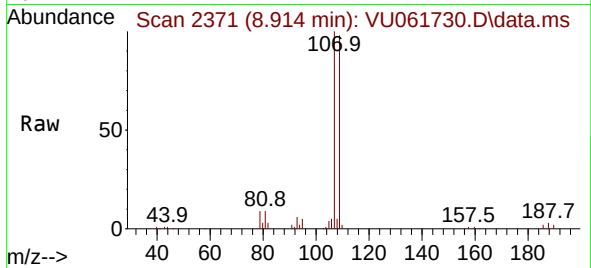
Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.1	102.3



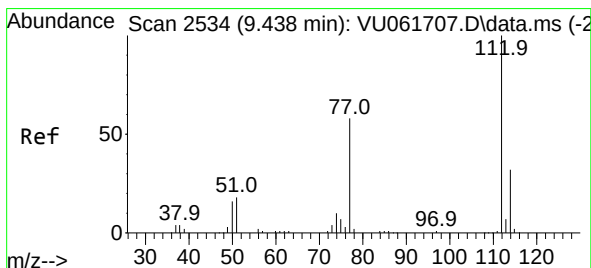
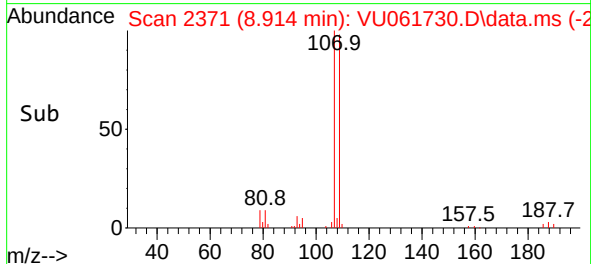
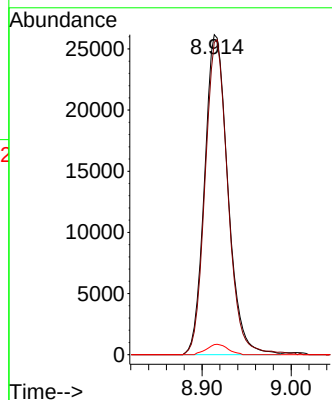


#50
1,2-Dibromoethane
Concen: 5.511 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Instrument :
MSVOA_U
ClientSampleId :

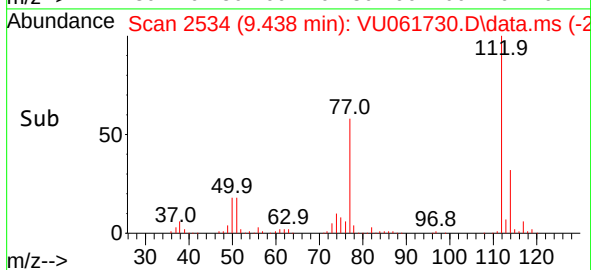
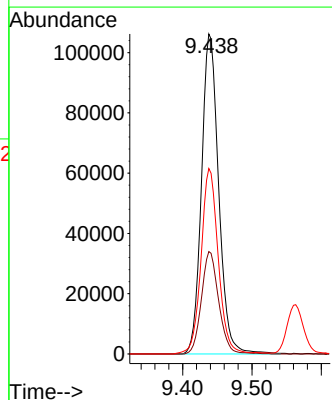
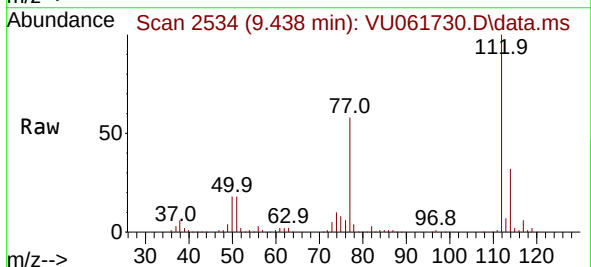


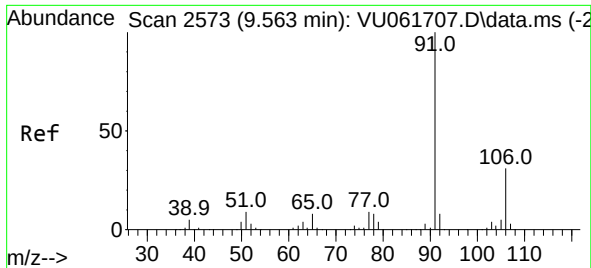
Tgt Ion:107 Resp: 47633
Ion Ratio Lower Upper
107 100
109 97.7 64.8 120.4
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 5.329 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion:112 Resp: 182990
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 57.9 45.3 67.9

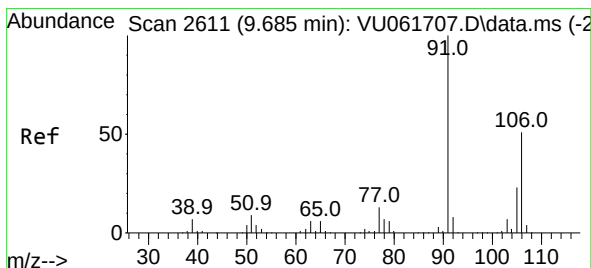
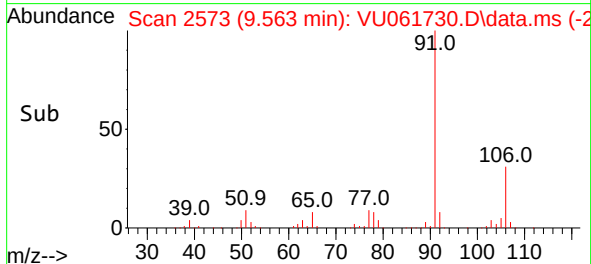
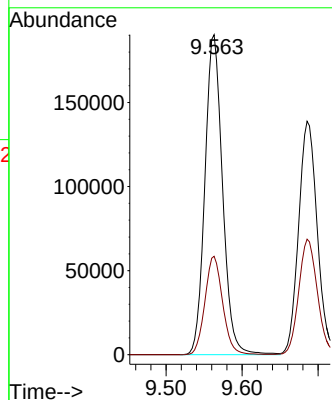
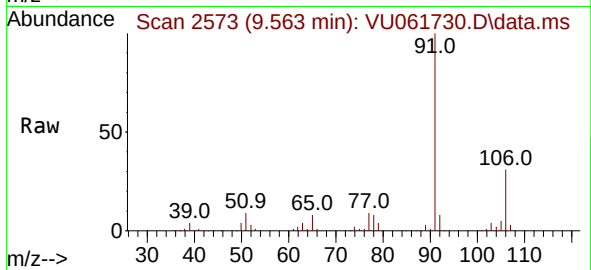




#52
Ethylbenzene
Concen: 5.403 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

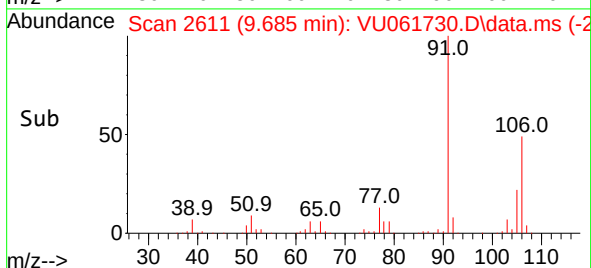
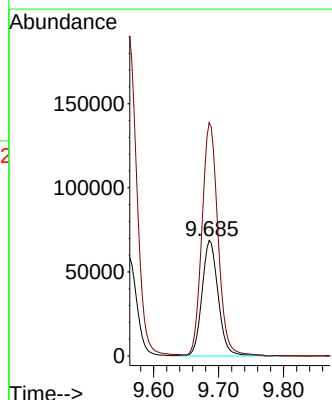
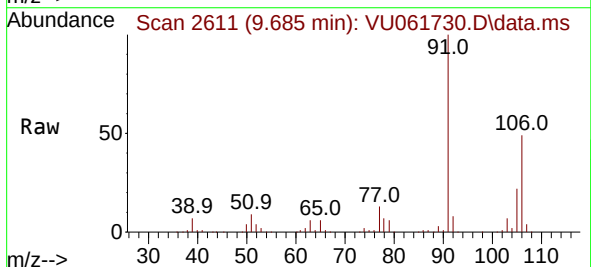
Instrument :
MSVOA_U
ClientSampleId :

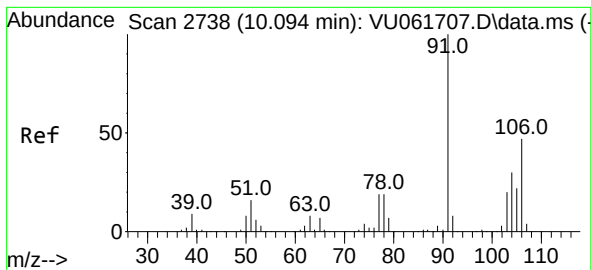
Tgt Ion: 91 Resp: 307064
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 5.463 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 106 Resp: 118781
Ion Ratio Lower Upper
106 100
91 202.0 140.4 260.8





#54

o-Xylene

Concen: 5.474 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

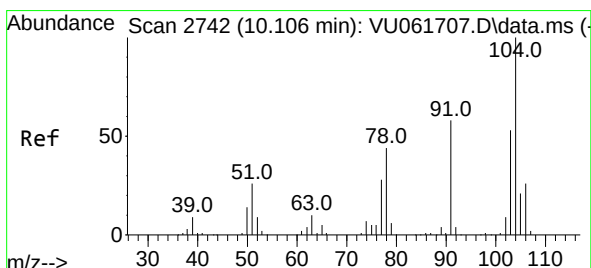
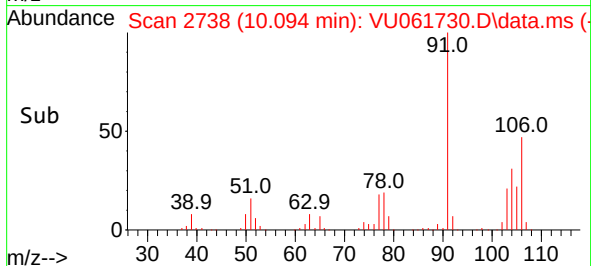
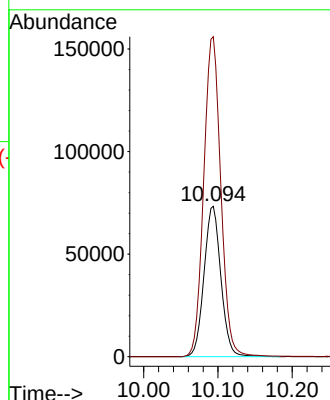
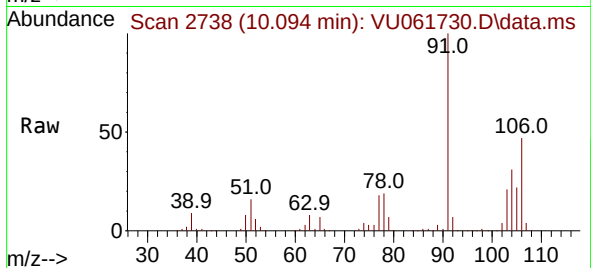
ClientSampleId :

Tgt Ion:106 Resp: 115699

Ion Ratio Lower Upper

106 100

91 212.7 151.3 280.9



#55

Styrene

Concen: 5.400 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061730.D

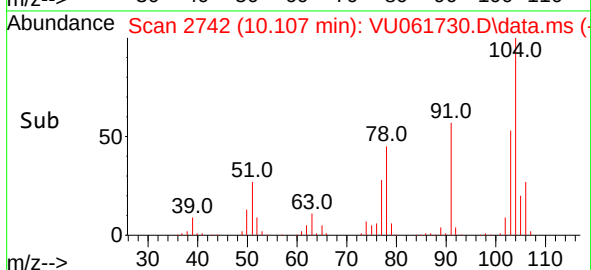
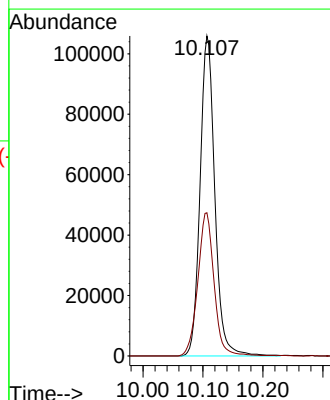
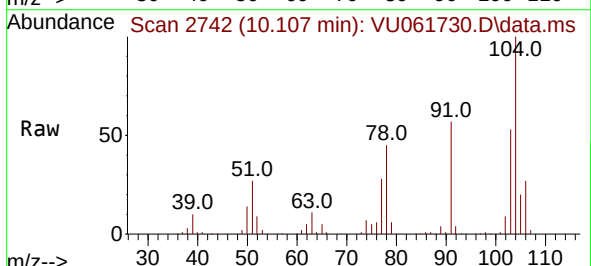
Acq: 15 Nov 2024 19:04

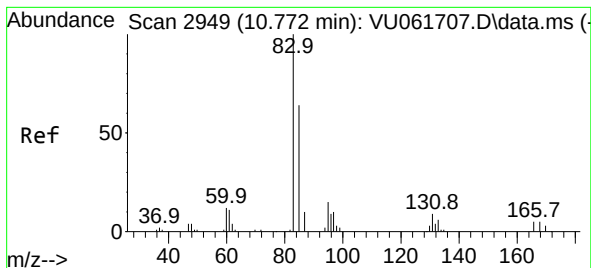
Tgt Ion:104 Resp: 181706

Ion Ratio Lower Upper

104 100

78 44.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.559 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

ClientSampleId :

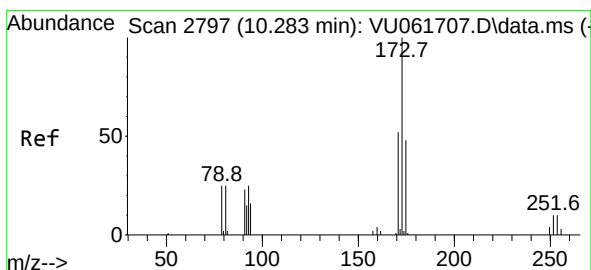
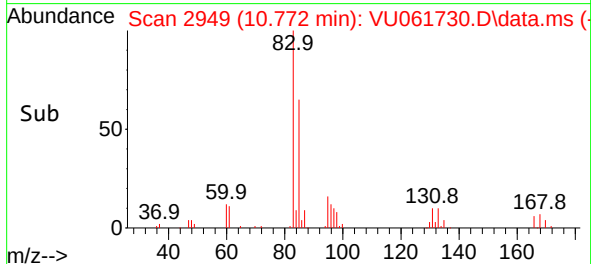
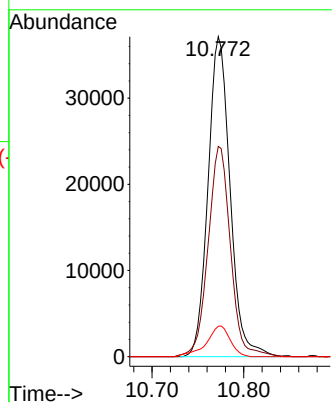
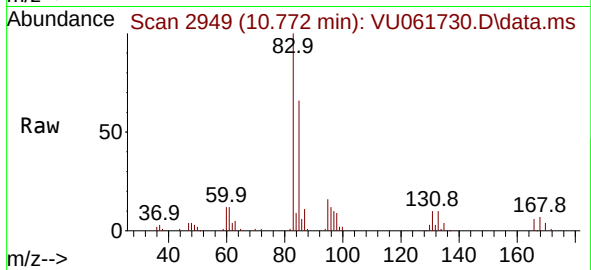
Tgt Ion: 83 Resp: 61993

Ion Ratio Lower Upper

83 100

85 65.7 41.9 77.9

131 9.5 7.8 11.6



#59

Bromoform

Concen: 5.175 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

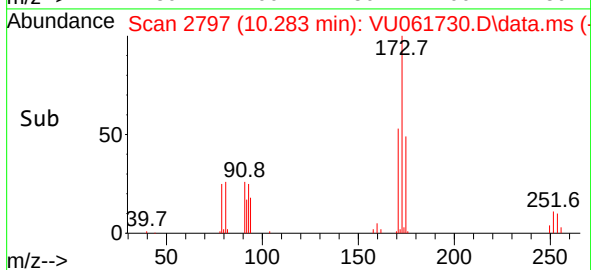
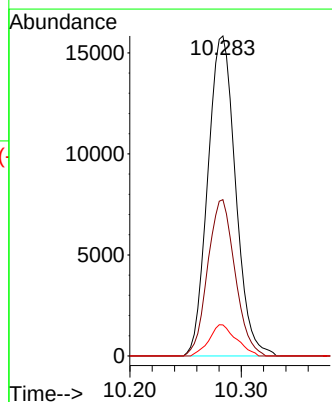
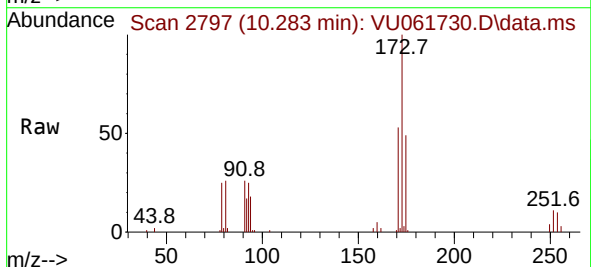
Tgt Ion:173 Resp: 27346

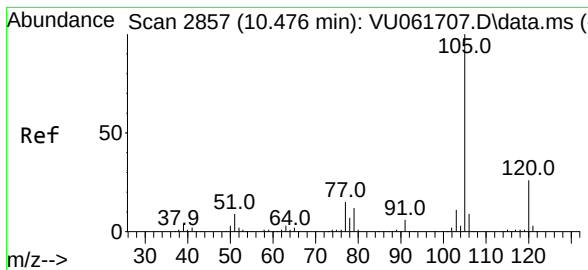
Ion Ratio Lower Upper

173 100

175 48.1 39.3 58.9

254 9.5 7.8 11.8





#60

Isopropylbenzene

Concen: 5.442 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

ClientSampleId :

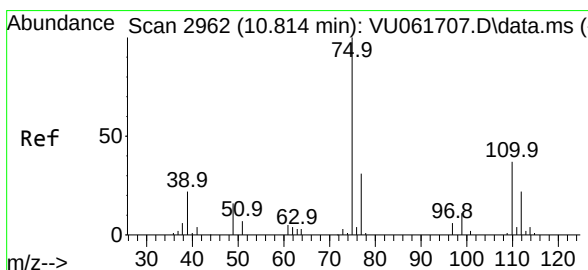
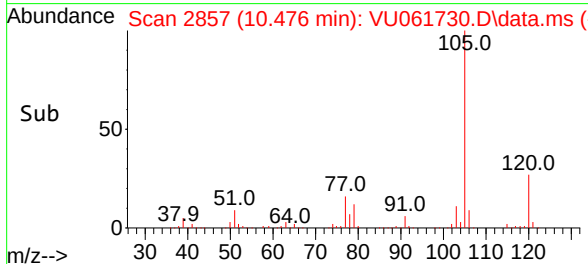
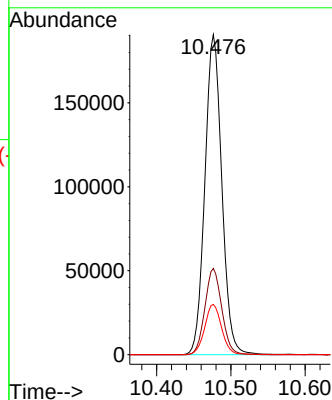
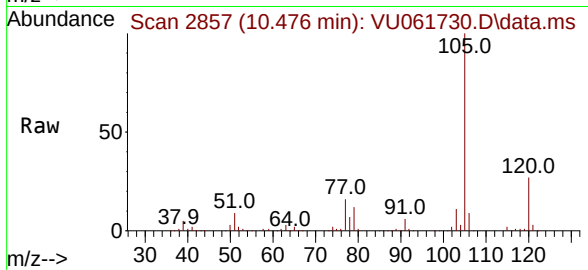
Tgt Ion:105 Resp: 301322

Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.461 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

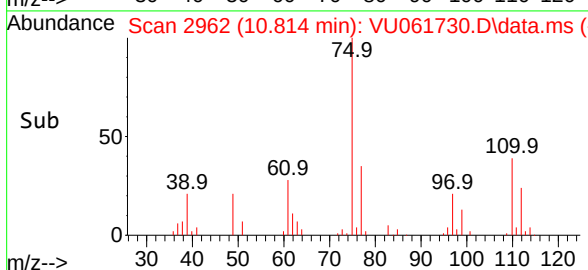
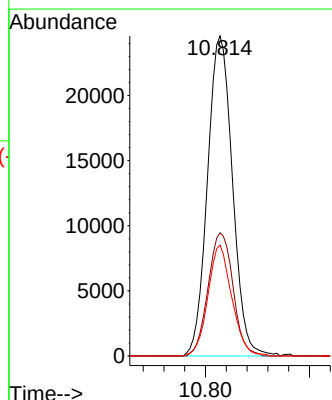
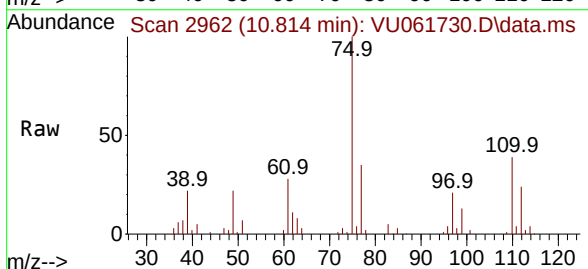
Tgt Ion: 75 Resp: 41072

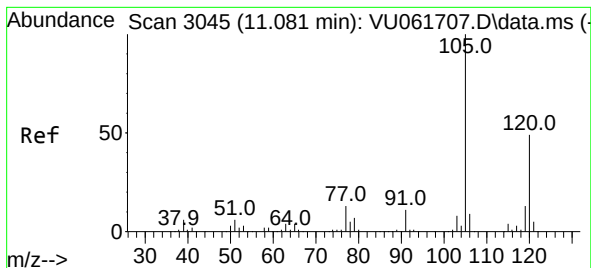
Ion Ratio Lower Upper

75 100

110 38.3 31.3 46.9

77 33.1 26.0 39.0

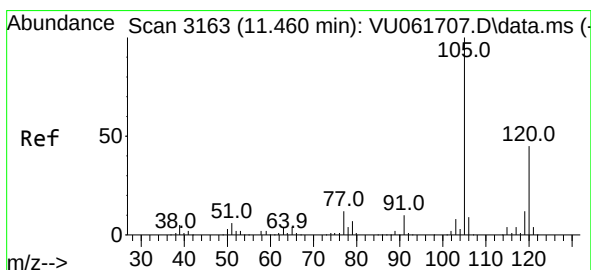
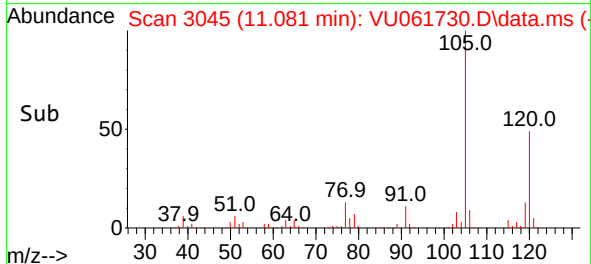
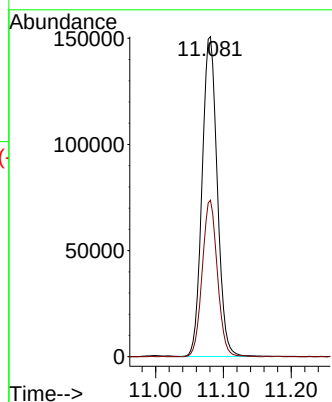
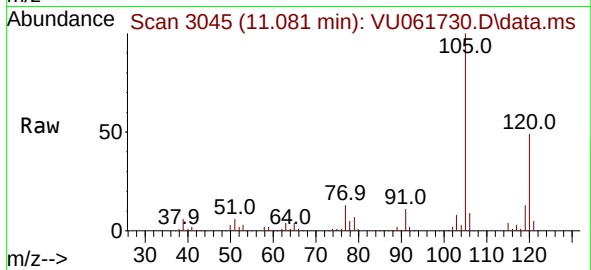




#62
1,3,5-Trimethylbenzene
Concen: 5.294 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

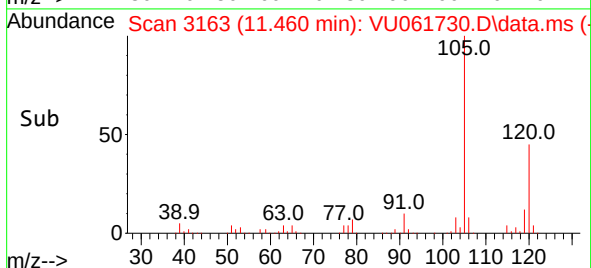
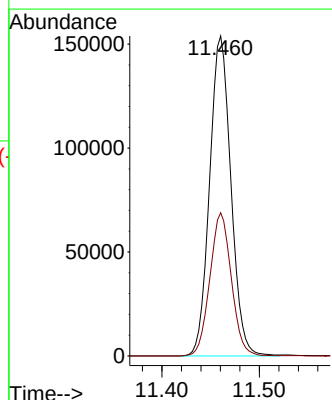
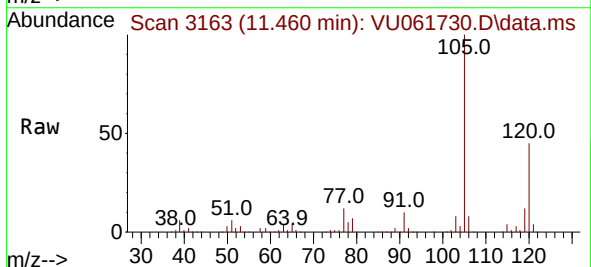
Instrument :
MSVOA_U
ClientSampleId :

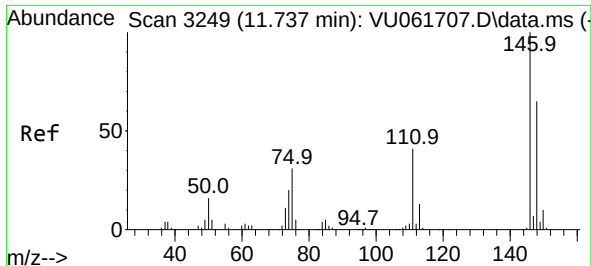
Tgt Ion:105 Resp: 234702
Ion Ratio Lower Upper
105 100
120 48.7 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.421 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

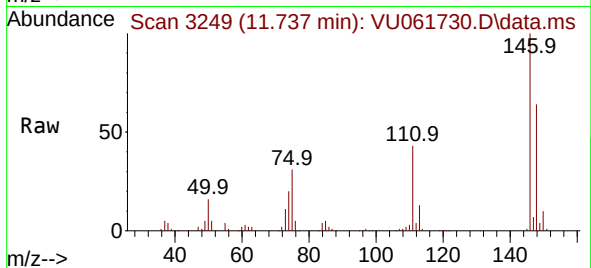
Tgt Ion:105 Resp: 233927
Ion Ratio Lower Upper
105 100
120 45.1 36.3 54.5



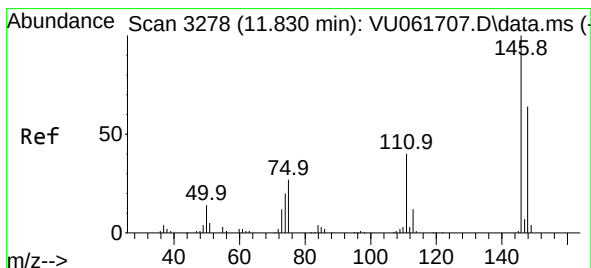
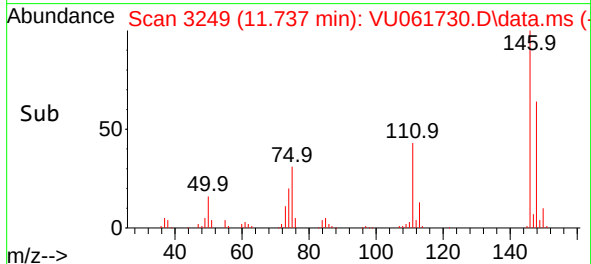
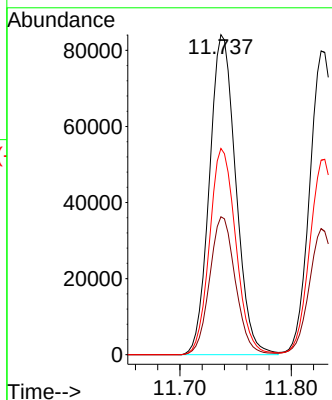


#64
1,3-Dichlorobenzene
Concen: 5.455 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Instrument :
MSVOA_U
ClientSampleId :

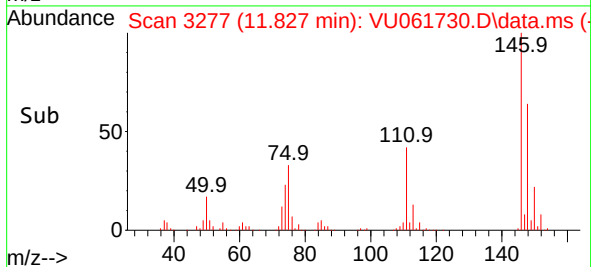
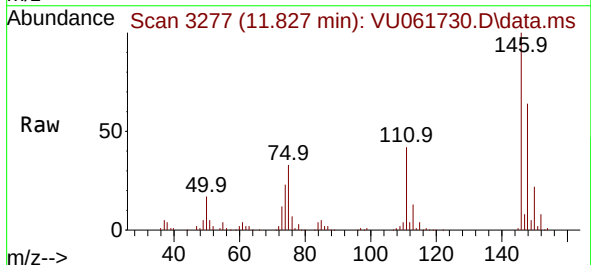
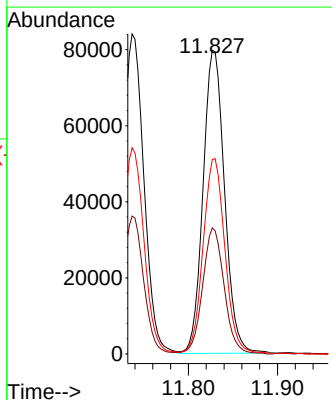


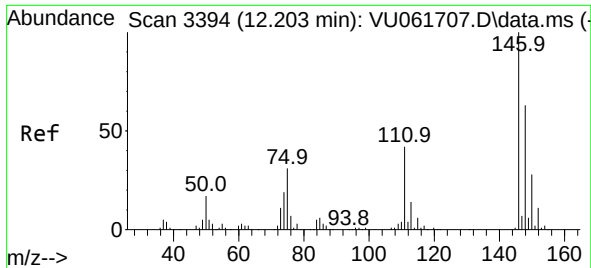
Tgt Ion:146 Resp: 138498
Ion Ratio Lower Upper
146 100
111 43.1 29.3 54.3
148 64.4 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.185 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion:146 Resp: 133677
Ion Ratio Lower Upper
146 100
111 41.5 28.8 53.4
148 64.0 44.7 83.1

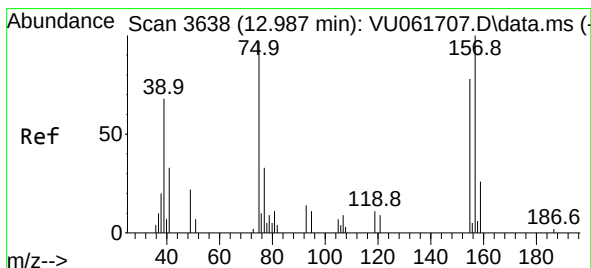
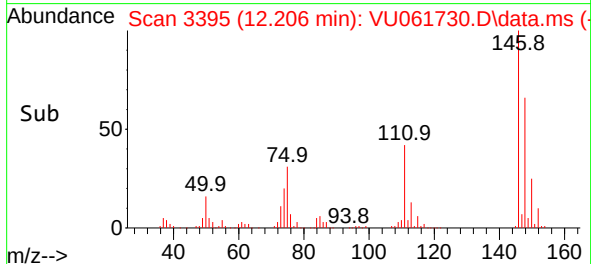
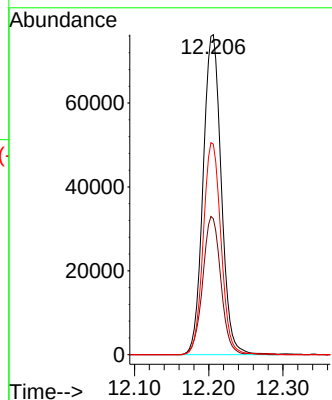
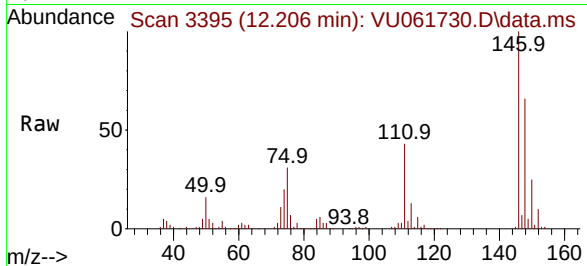




#67
1,2-Dichlorobenzene
Concen: 5.489 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

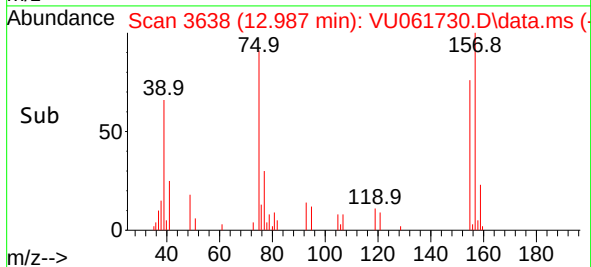
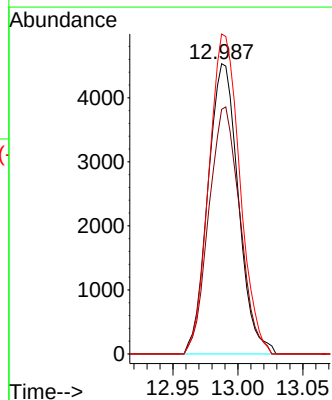
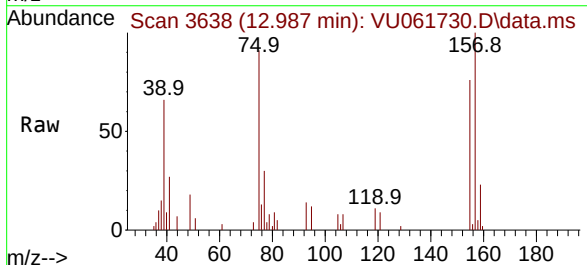
Instrument :
MSVOA_U
ClientSampleId :

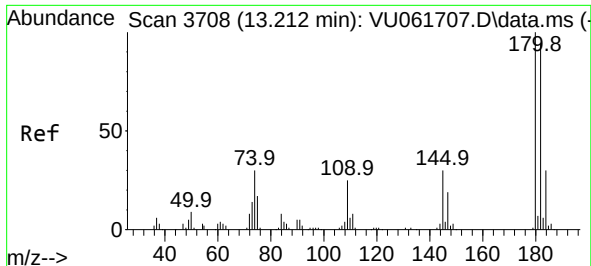
Tgt Ion:146 Resp: 129614
Ion Ratio Lower Upper
146 100
111 42.5 35.2 52.8
148 65.8 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.616 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU061730.D
Acq: 15 Nov 2024 19:04

Tgt Ion: 75 Resp: 7375
Ion Ratio Lower Upper
75 100
155 84.3 62.6 93.8
157 110.2 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 5.292 ug/L

RT: 13.213 min Scan# 3

Delta R.T. 0.000 min

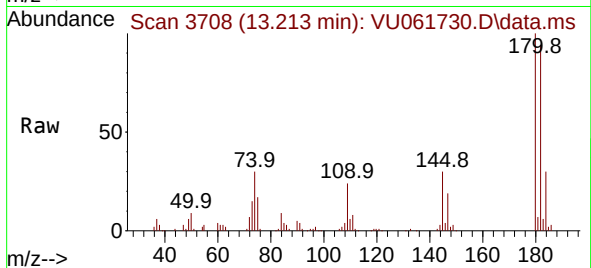
Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 93818

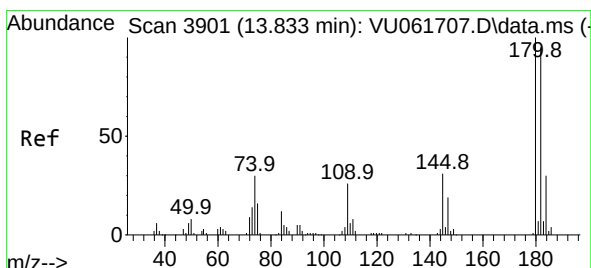
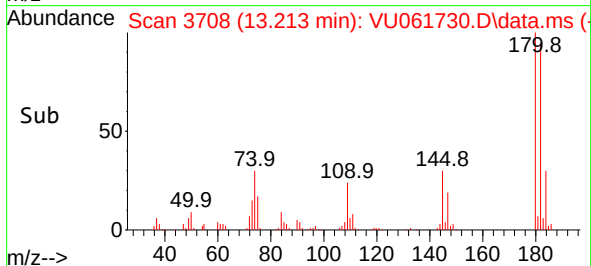
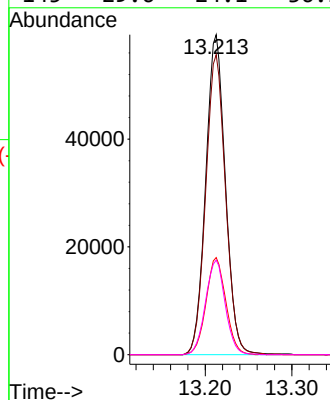
Ion Ratio Lower Upper

180 100

182 94.5 77.1 115.7

184 30.5 24.7 37.1

145 29.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.551 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

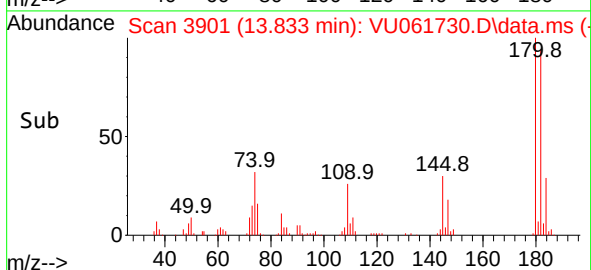
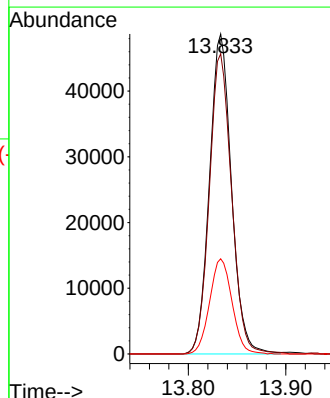
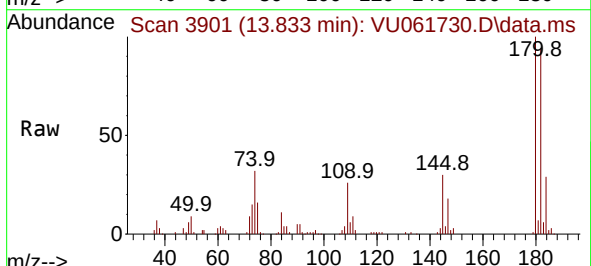
Tgt Ion:180 Resp: 76272

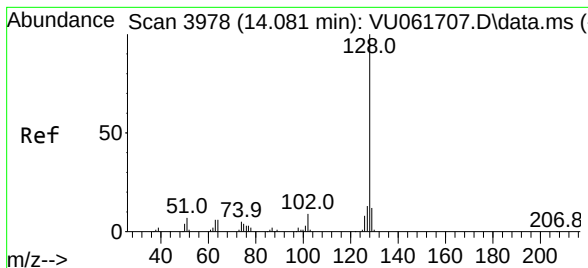
Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.0

145 30.3 24.5 36.7





#71

Naphthalene

Concen: 6.036 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Instrument :

MSVOA_U

ClientSampleId :

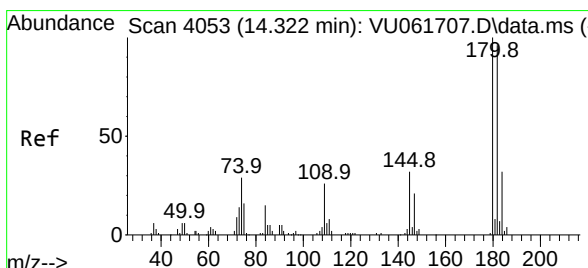
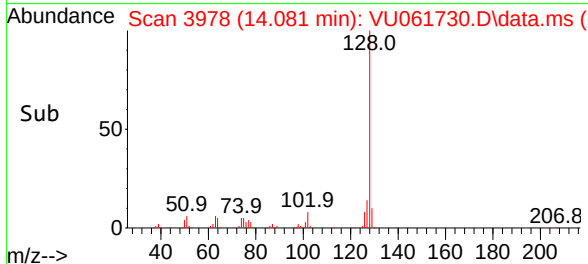
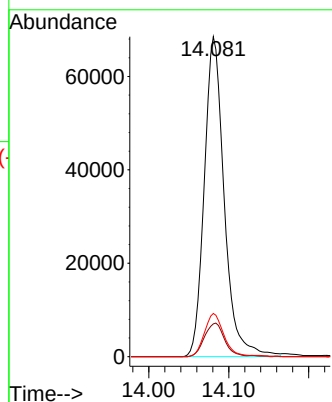
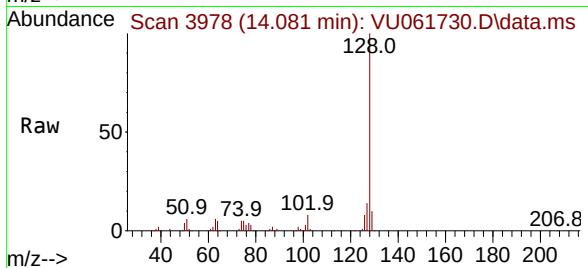
Tgt Ion:128 Resp: 119056

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.707 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061730.D

Acq: 15 Nov 2024 19:04

Tgt Ion:180 Resp: 65819

Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

145 32.0 26.3 39.5

