

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061705.D
 Acq On : 15 Nov 2024 05:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 06:17:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51311	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.911	69	50389	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.560	65	21545	4.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.624	46	132768	54.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.980%
24) Chloroform-d	5.052	84	114883	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.692	65	56452	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	222397	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.679	67	69398	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.888	98	199254	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.171	79	23572	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	116079	60.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57556	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	67085	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55883	4.232	ug/L	99
3) Chloromethane	1.518	50	61224	5.111	ug/L	97
5) Vinyl chloride	1.602	62	66219	5.009	ug/L	88
6) Bromomethane	1.856	94	35864	4.547	ug/L	96
8) Chloroethane	1.930	64	49798	5.431	ug/L	95
9) Trichlorofluoromethane	2.132	101	79682	4.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44223	3.849	ug/L	98
12) 1,1-Dichloroethene	2.576	96	50239	4.685	ug/L	88
13) Acetone	2.640	43	79768	51.967	ug/L	98
14) Carbon disulfide	2.788	76	146239	4.245	ug/L	100
15) Methyl Acetate	2.952	43	21087	5.498	ug/L	98
16) Methylene chloride	3.039	84	65797	5.324	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	147084	5.596	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	56858	4.833	ug/L	99
19) 1,1-Dichloroethane	3.859	63	112194	5.231	ug/L	99
21) 2-Butanone	4.705	43	131690	52.530	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	69102	5.209	ug/L	99
23) Bromochloromethane	4.965	128	33184	5.632	ug/L	94
25) Chloroform	5.074	83	120894	5.348	ug/L	96

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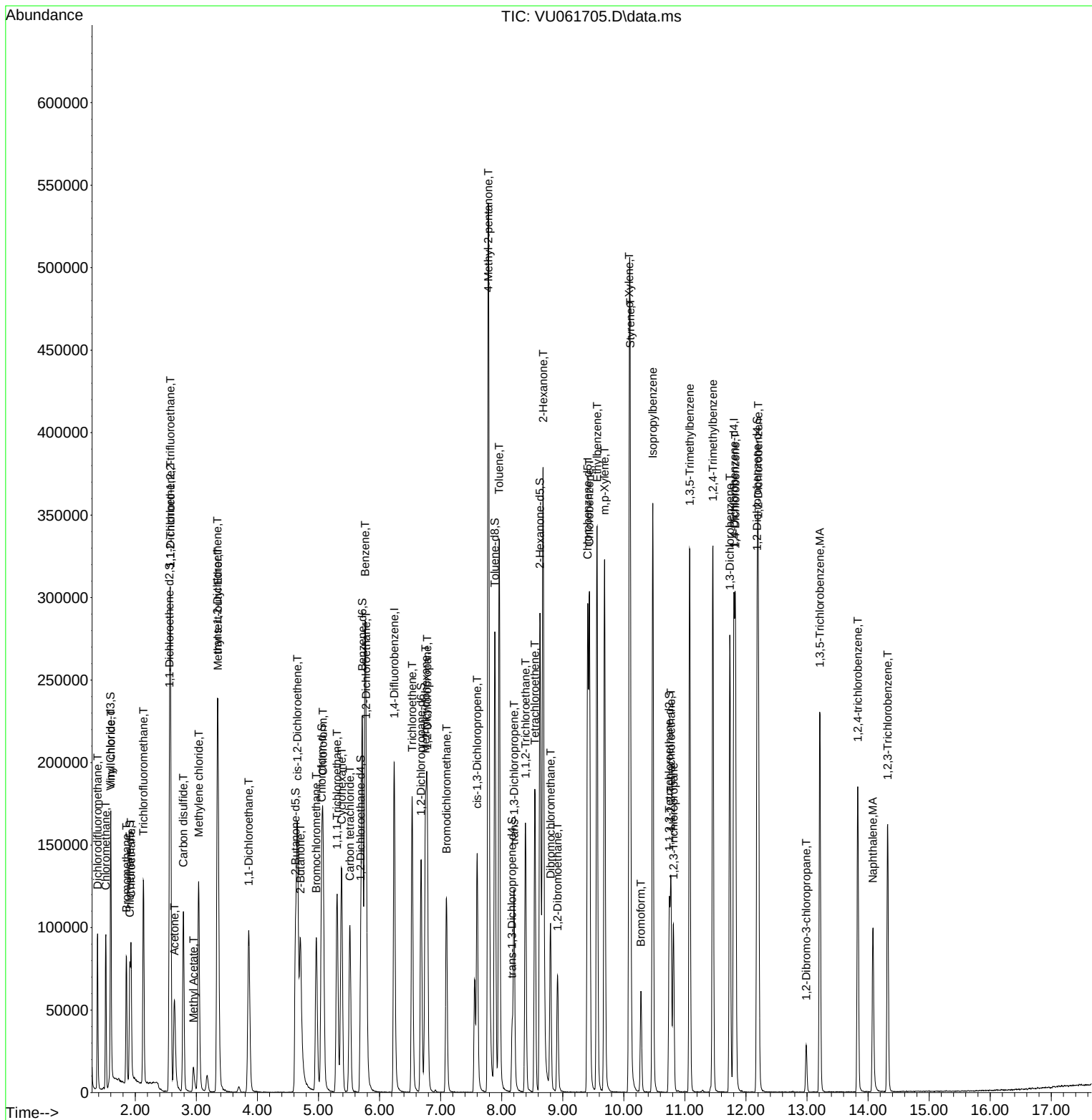
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 MSVOA_U
 ClientSampleId :

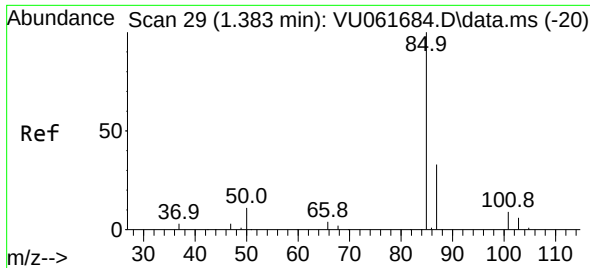
Quant Time: Nov 15 06:17:09 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	77766	5.482	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	88754	4.796	ug/L	100
30) Cyclohexane	5.380	56	68374	3.698	ug/L	99
31) Carbon tetrachloride	5.515	117	68667	4.356	ug/L	99
33) Benzene	5.766	78	259015	5.262	ug/L	100
34) Trichloroethene	6.534	95	62651	4.714	ug/L	97
35) Methylcyclohexane	6.753	83	71494	3.567	ug/L	97
37) 1,2-Dichloropropane	6.782	63	68239	5.465	ug/L	100
38) Bromodichloromethane	7.097	83	79680	5.318	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	91891	5.170	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	355258	59.334	ug/L	99
42) Toluene	7.959	91	259044	4.888	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	72882	5.170	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	52573	5.775	ug/L	98
47) Tetrachloroethene	8.544	164	40819	4.087	ug/L	97
48) 2-Hexanone	8.679	43	255382	59.653	ug/L	99
49) Dibromochloromethane	8.801	129	51602	5.406	ug/L	96
50) 1,2-Dibromoethane	8.917	107	49250	5.736	ug/L	100
51) Chlorobenzene	9.438	112	164727	4.829	ug/L	98
52) Ethylbenzene	9.563	91	253366	4.488	ug/L	99
53) m,p-Xylene	9.685	106	99022	4.584	ug/L	99
54) o-Xylene	10.090	106	99193	4.725	ug/L	100
55) Styrene	10.106	104	161086	4.819	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	63486	5.731	ug/L	95
59) Bromoform	10.280	173	27635	5.375	ug/L	97
60) Isopropylbenzene	10.476	105	236961	4.398	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43483	5.942	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	188854	4.378	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	188643	4.493	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	117423	4.753	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	116332	4.637	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	113719	4.949	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7407	5.797	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	74303	4.307	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	59008	4.414	ug/L	98
71) Naphthalene	14.081	128	92815	4.836	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	51925	4.627	ug/L	100

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

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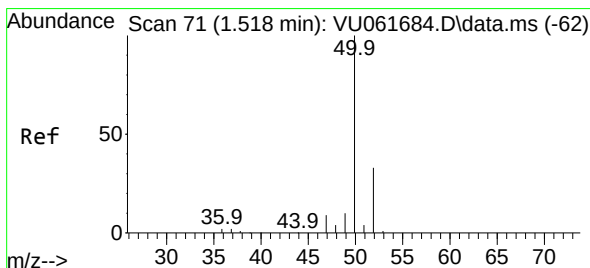
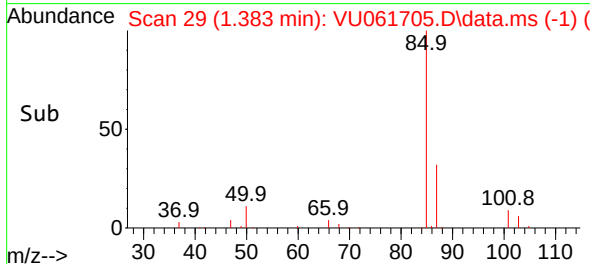
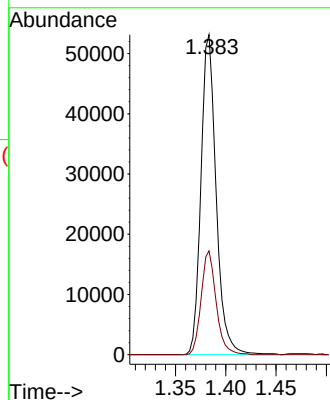
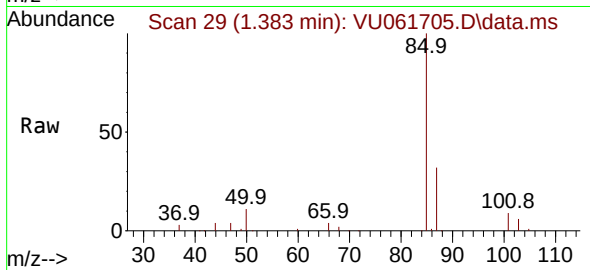




#2
 Dichlorodifluoromethane
 Concen: 4.232 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061705.D
 Acq: 15 Nov 2024 05:35

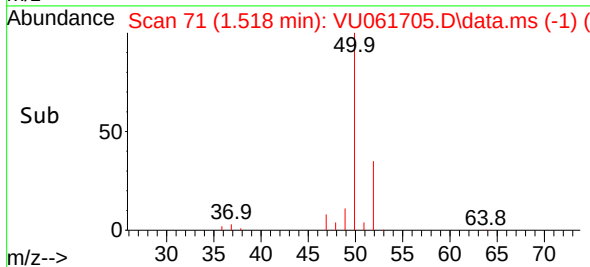
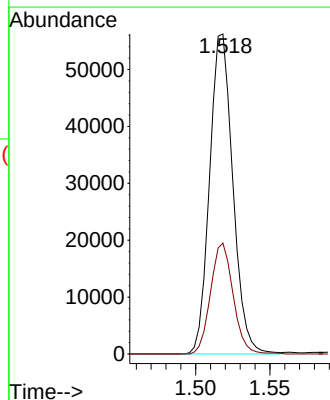
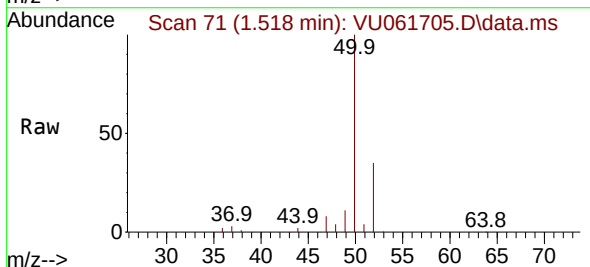
Instrument :
 MSVOA_U
 ClientSampleId :

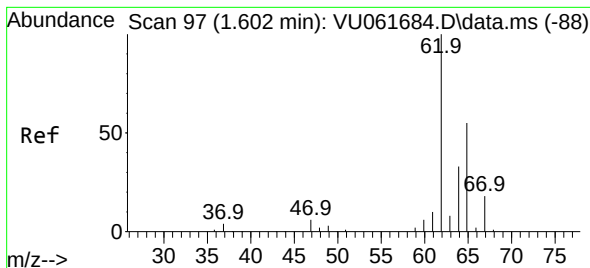
Tgt Ion: 85 Resp: 55883
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 5.111 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061705.D
 Acq: 15 Nov 2024 05:35

Tgt Ion: 50 Resp: 61224
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.2





#5

Vinyl chloride

Concen: 5.009 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

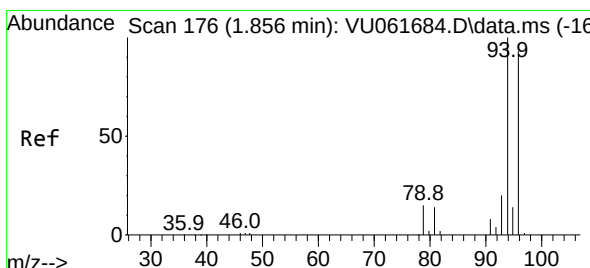
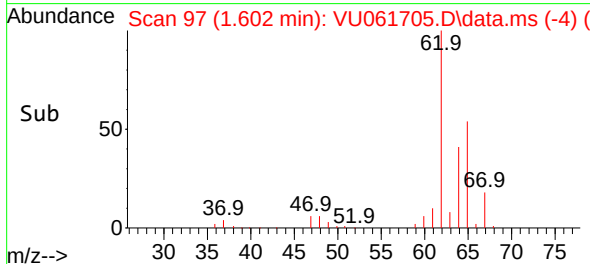
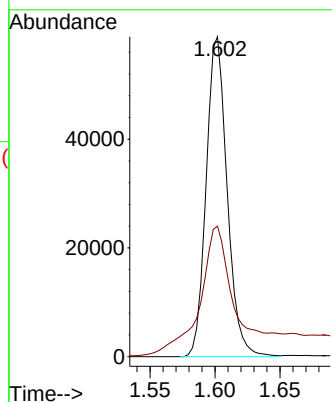
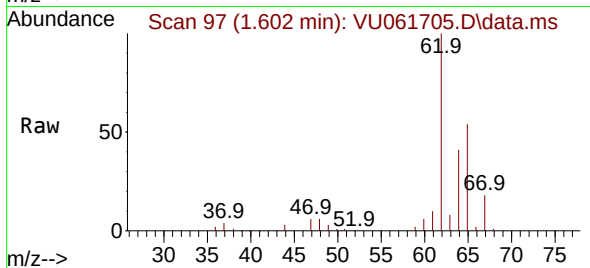
ClientSampleId :

Tgt Ion: 62 Resp: 66219

Ion Ratio Lower Upper

62 100

64 40.8 23.7 44.1



#6

Bromomethane

Concen: 4.547 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU061705.D

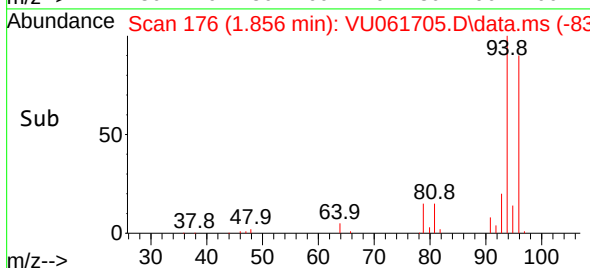
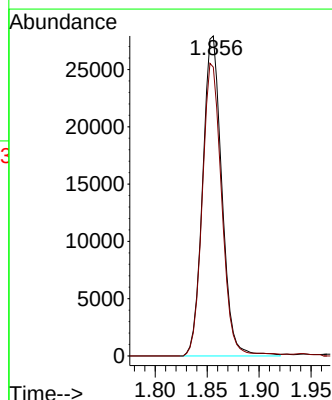
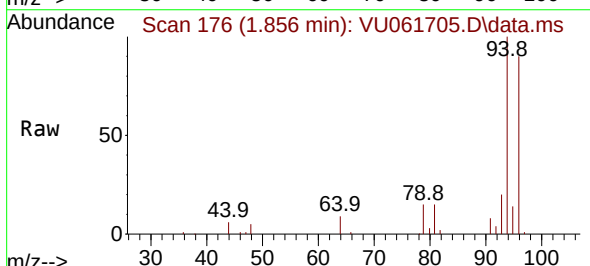
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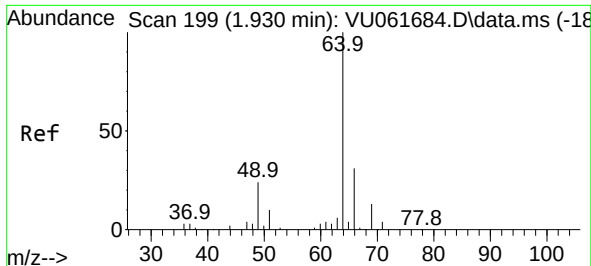
Tgt Ion: 94 Resp: 35864

Ion Ratio Lower Upper

94 100

96 90.3 65.7 121.9

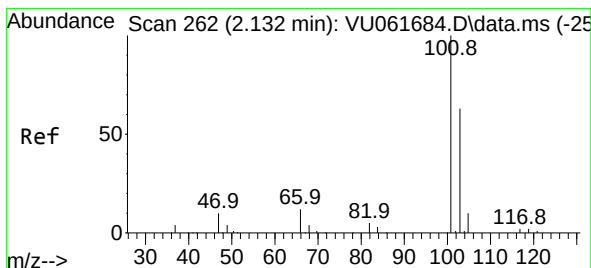
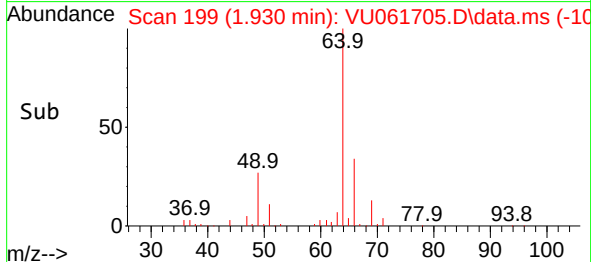
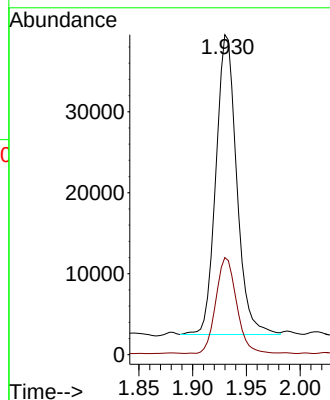
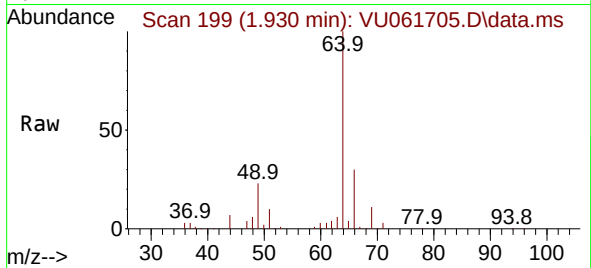




#8
Chloroethane
Concen: 5.431 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

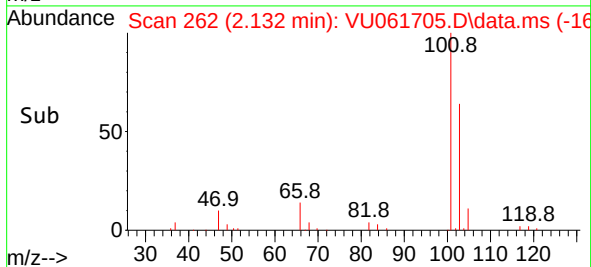
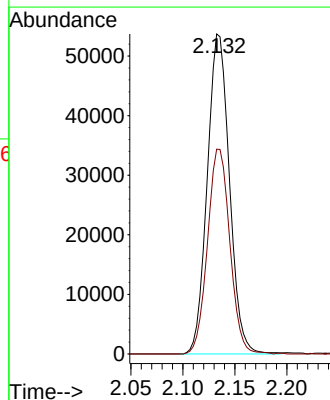
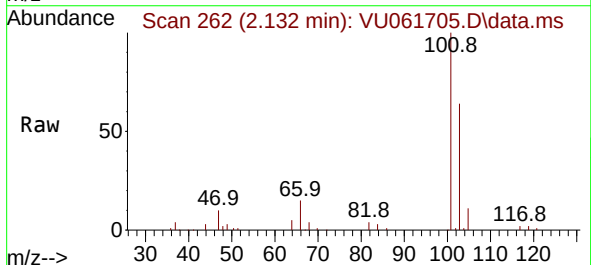
Instrument :
MSVOA_U
ClientSampleId :

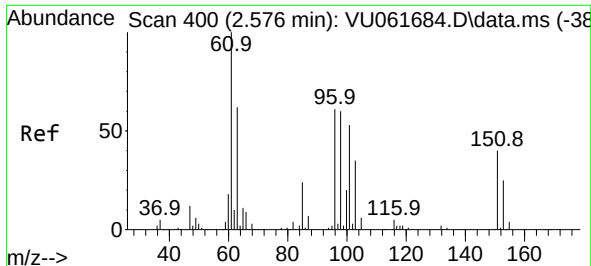
Tgt Ion: 64 Resp: 49798
Ion Ratio Lower Upper
64 100
66 30.4 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.100 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion:101 Resp: 79682
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

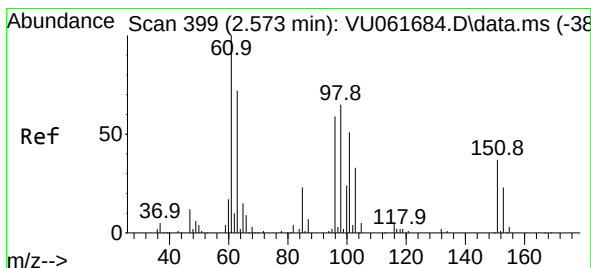
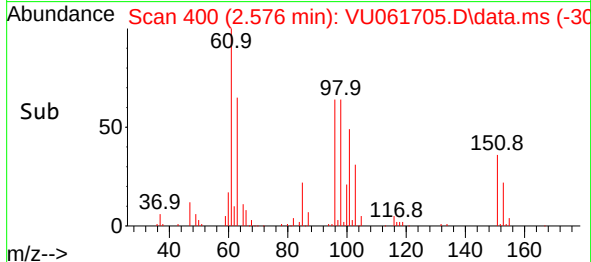
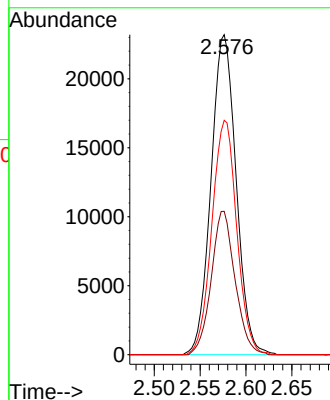
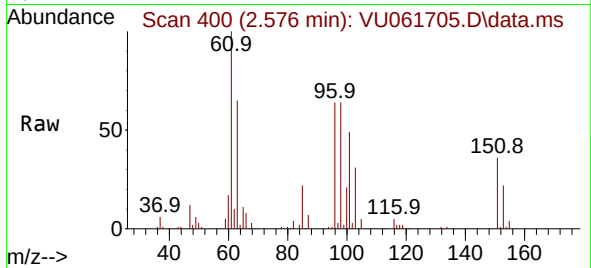




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.849 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061705.D
 Acq: 15 Nov 2024 05:35

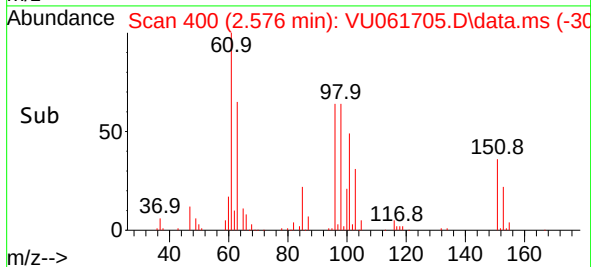
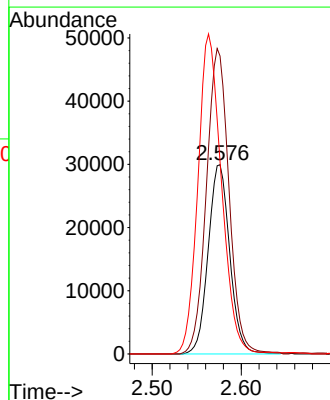
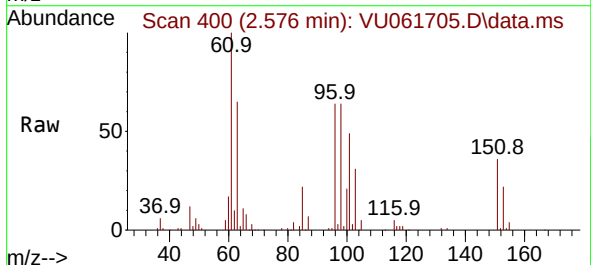
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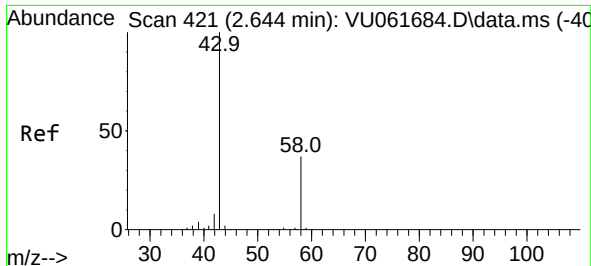
Tgt Ion:101 Resp: 44223
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.1 52.7
 151 72.6 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.685 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU061705.D
 Acq: 15 Nov 2024 05:35

Tgt Ion: 96 Resp: 50239
 Ion Ratio Lower Upper
 96 100
 61 157.4 116.8 217.0
 63 101.6 86.1 159.9





#13

Acetone

Concen: 51.967 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

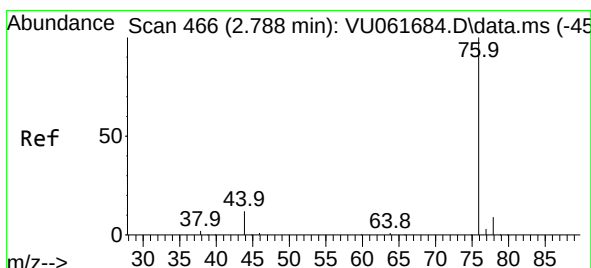
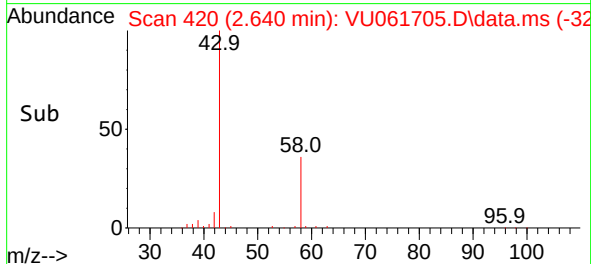
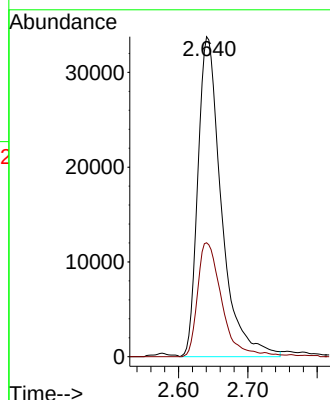
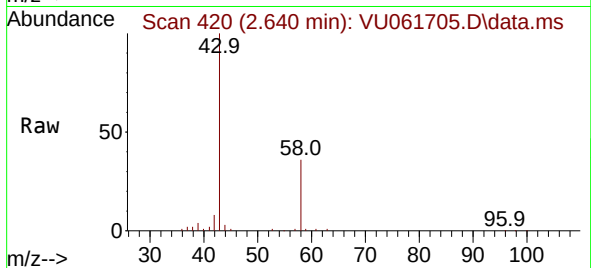
ClientSampleId :

Tgt Ion: 43 Resp: 79768

Ion Ratio Lower Upper

43 100

58 35.9 0.0 69.8



#14

Carbon disulfide

Concen: 4.245 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061705.D

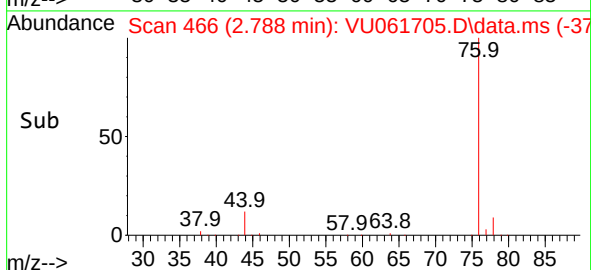
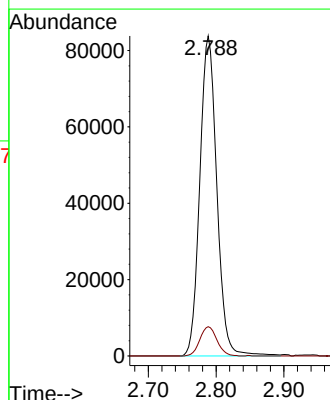
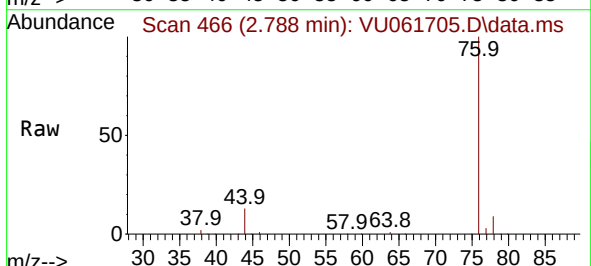
Acq: 15 Nov 2024 05:35

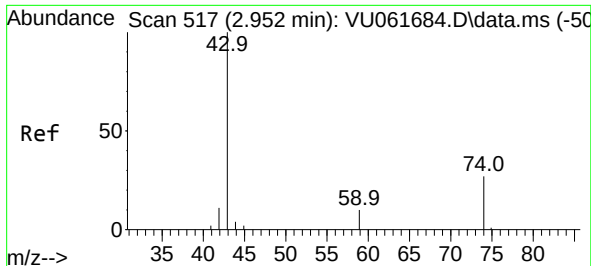
Tgt Ion: 76 Resp: 146239

Ion Ratio Lower Upper

76 100

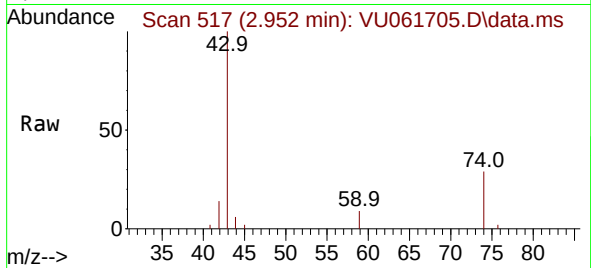
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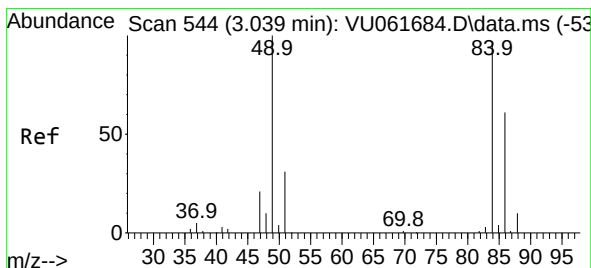
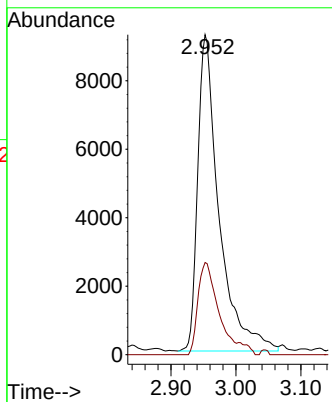
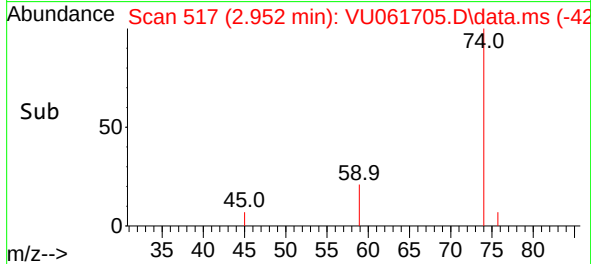


#15
Methyl Acetate
Concen: 5.498 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Instrument :
MSVOA_U
ClientSampleId :

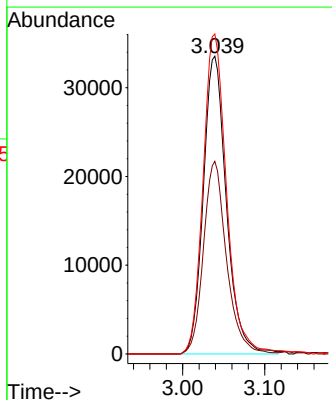
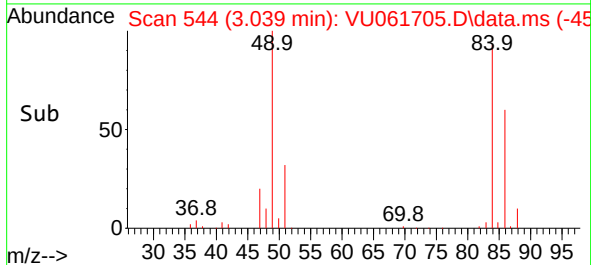
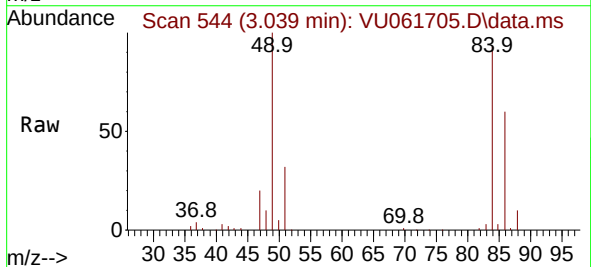


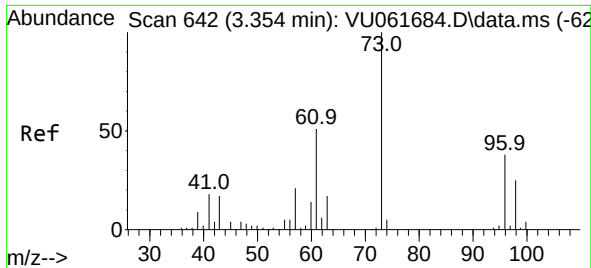
Tgt Ion: 43 Resp: 21087
Ion Ratio Lower Upper
43 100
74 29.3 22.5 33.7



#16
Methylene chloride
Concen: 5.324 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

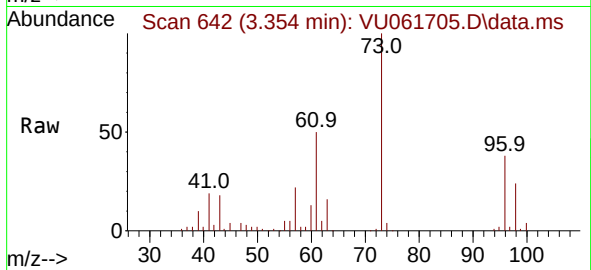
Tgt Ion: 84 Resp: 65797
Ion Ratio Lower Upper
84 100
86 64.7 45.1 83.7
49 107.5 76.3 141.7



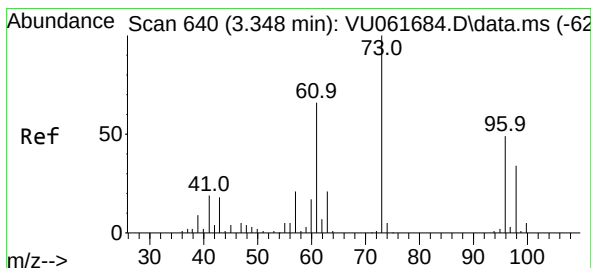
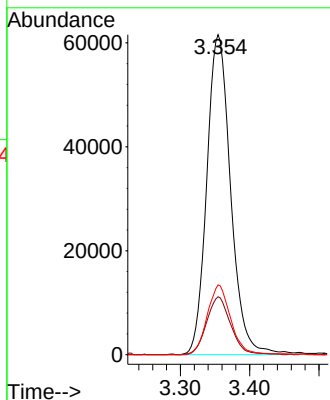
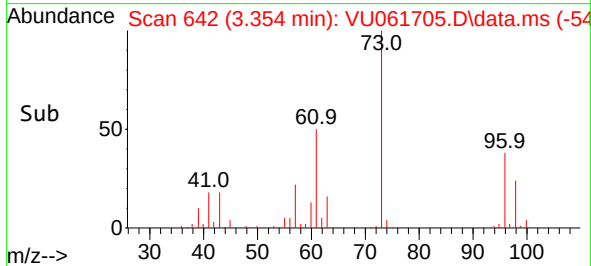


#17
Methyl tert-butyl Ether
Concen: 5.596 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Instrument :
MSVOA_U
ClientSampleId :

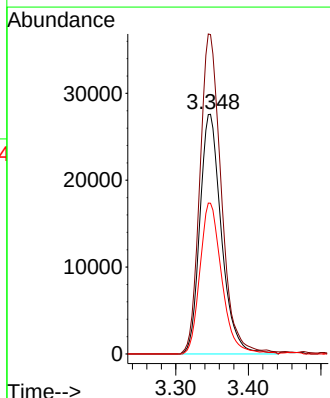
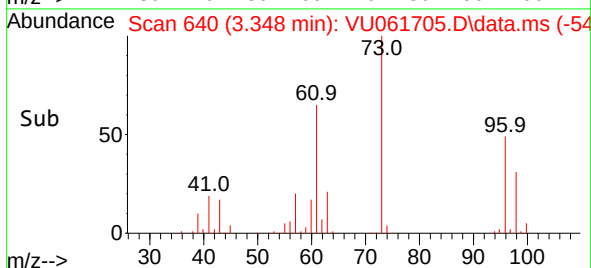
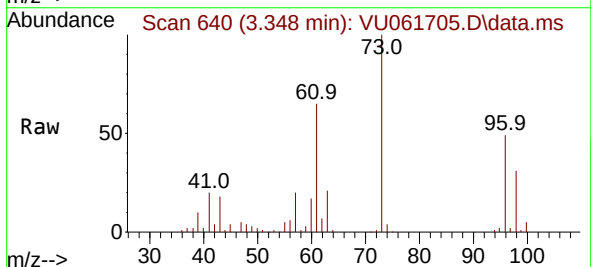


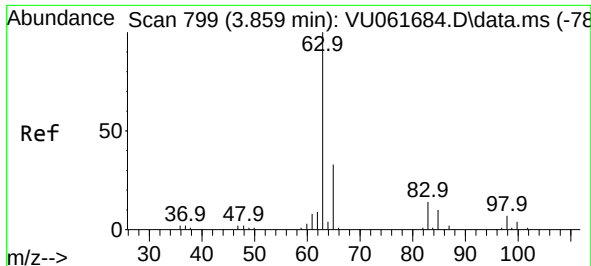
Tgt Ion: 73 Resp: 147084
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.4
57 21.4 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.833 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion: 96 Resp: 56858
Ion Ratio Lower Upper
96 100
61 133.2 94.1 174.8
98 62.9 43.2 80.2

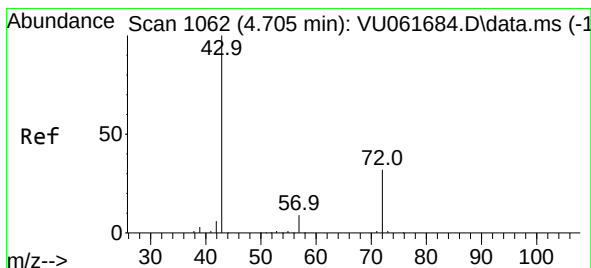
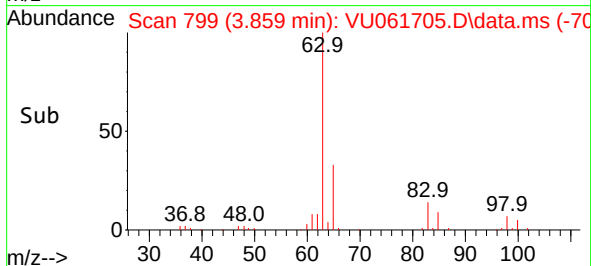
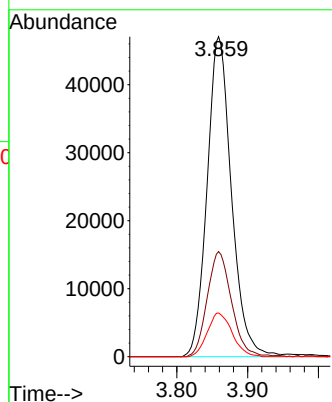
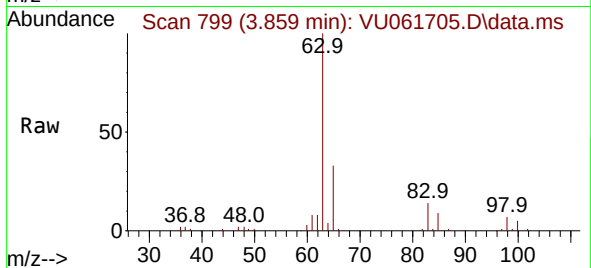




#19
1,1-Dichloroethane
Concen: 5.231 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

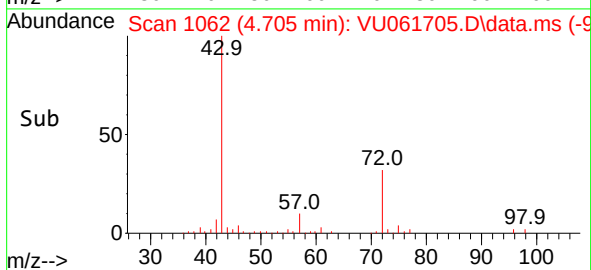
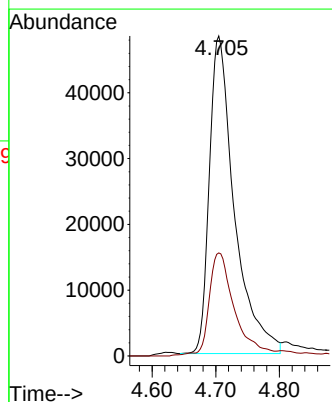
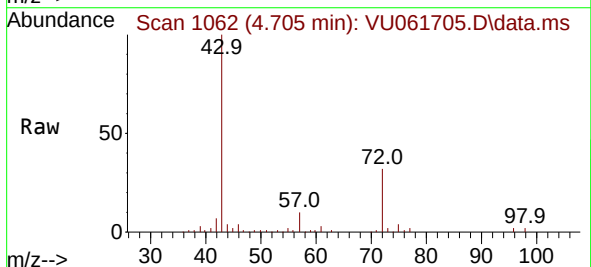
Instrument :
MSVOA_U
ClientSampleId :

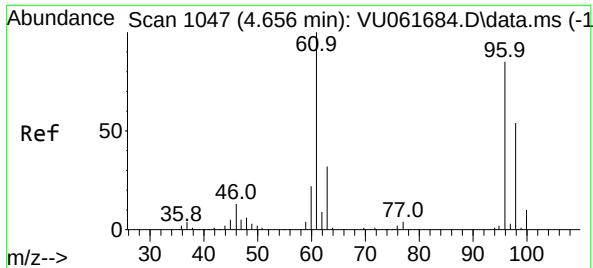
Tgt Ion: 63 Resp: 112194
Ion Ratio Lower Upper
63 100
65 32.8 23.4 43.4
83 13.6 9.6 17.8



#21
2-Butanone
Concen: 52.530 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion: 43 Resp: 131690
Ion Ratio Lower Upper
43 100
72 33.0 15.8 47.3





#22

cis-1,2-Dichloroethene

Concen: 5.209 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

ClientSampleId :

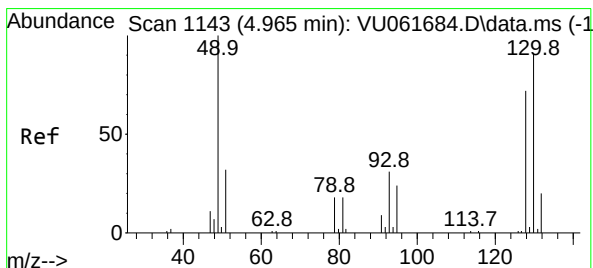
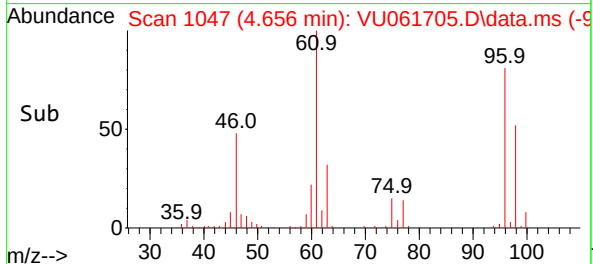
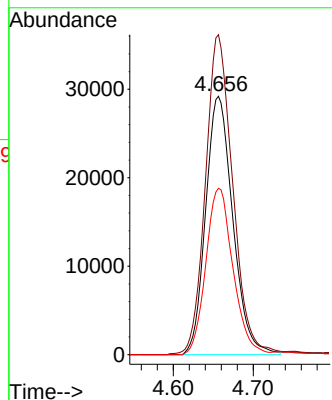
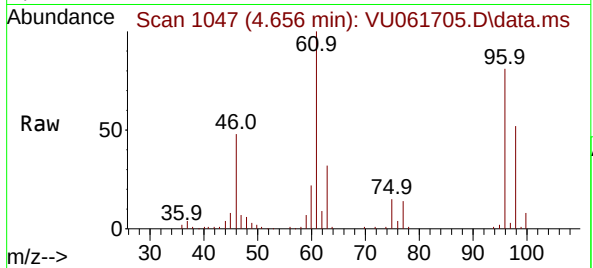
Tgt Ion: 96 Resp: 69102

Ion Ratio Lower Upper

96 100

61 123.9 85.6 159.0

98 64.4 45.6 84.8



#23

Bromochloromethane

Concen: 5.632 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Tgt Ion: 128 Resp: 33184

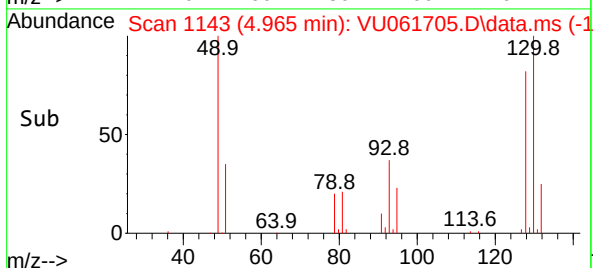
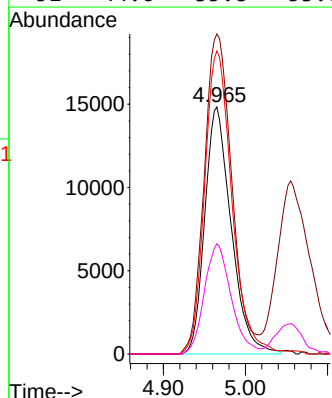
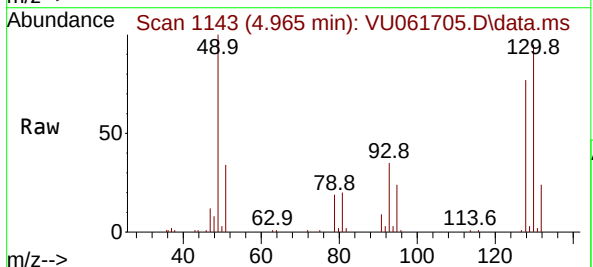
Ion Ratio Lower Upper

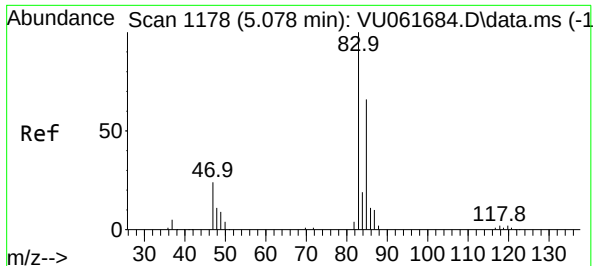
128 100

49 129.5 99.1 184.1

130 122.6 88.6 164.6

51 44.6 35.8 53.6





#25

Chloroform

Concen: 5.348 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

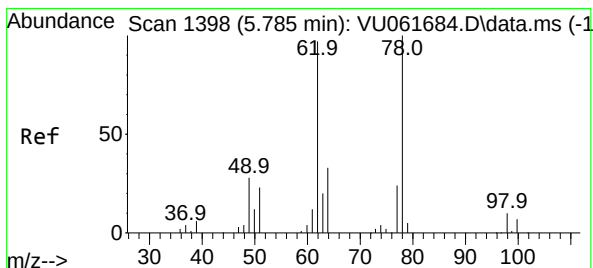
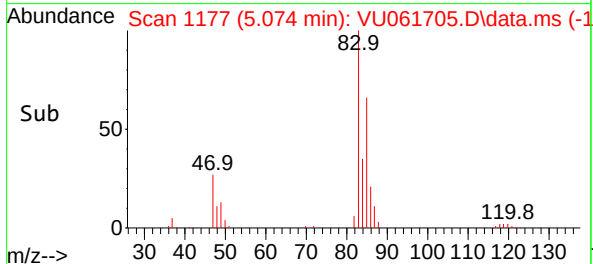
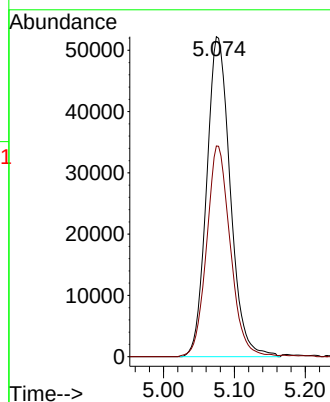
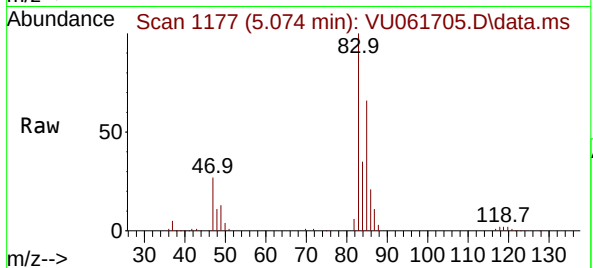
ClientSampleId :

Tgt Ion: 83 Resp: 120894

Ion Ratio Lower Upper

83 100

85 65.8 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.482 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061705.D

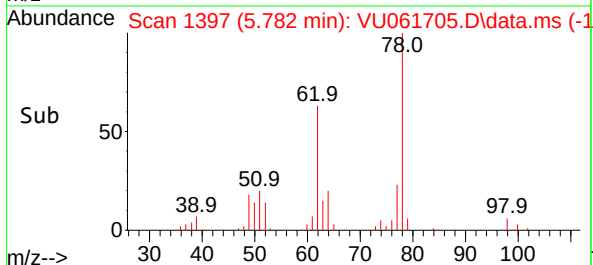
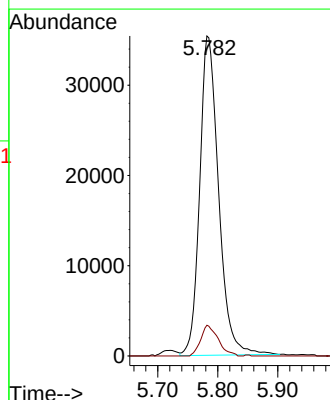
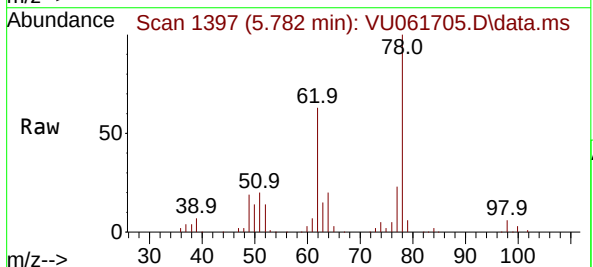
Acq: 15 Nov 2024 05:35

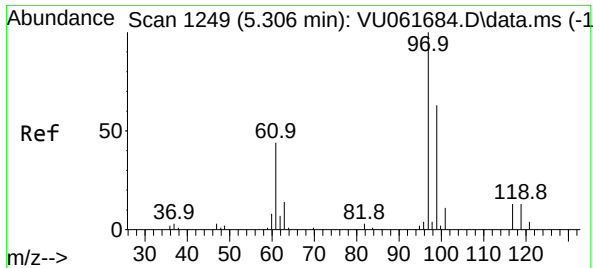
Tgt Ion: 62 Resp: 77766

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5

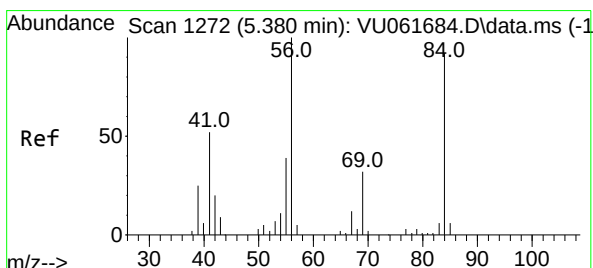
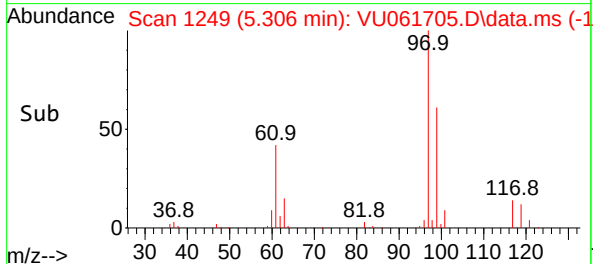
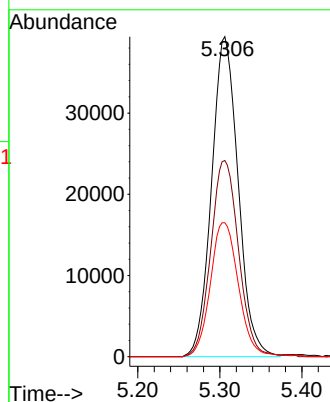
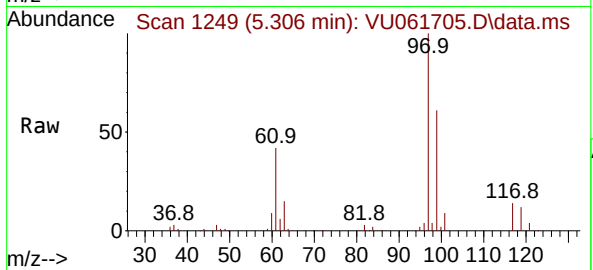




#29
1,1,1-Trichloroethane
Concen: 4.796 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

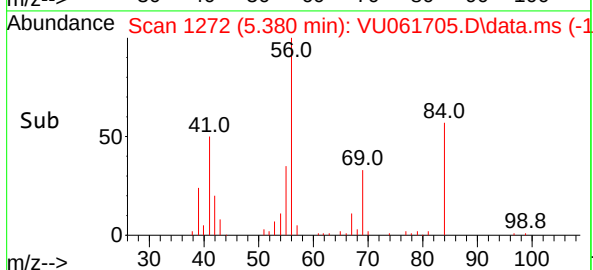
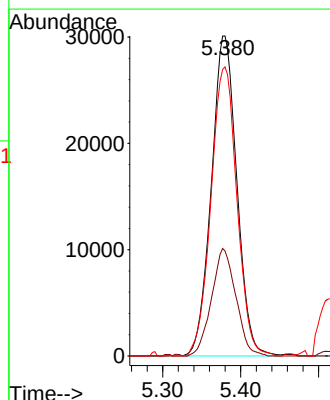
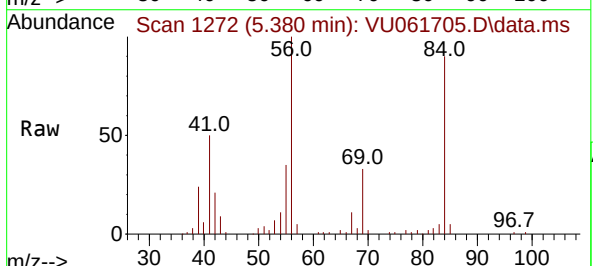
Instrument :
MSVOA_U
ClientSampleId :

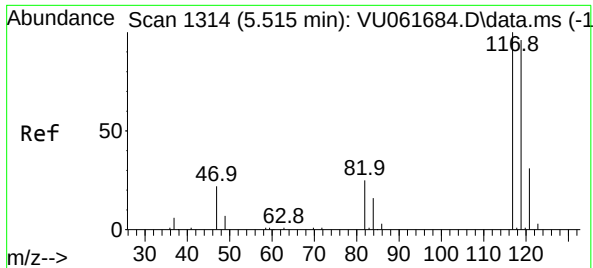
Tgt Ion:	97	Resp:	88754
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	44.3	35.4	53.0



#30
Cyclohexane
Concen: 3.698 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion:	56	Resp:	68374
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.6	38.4
84	92.0	74.3	111.5

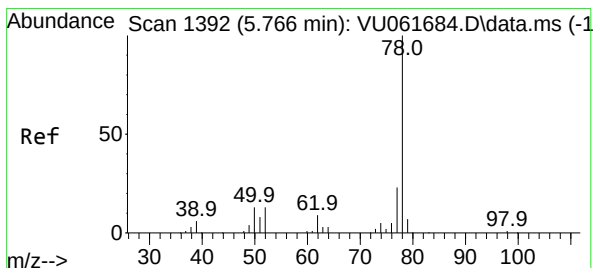
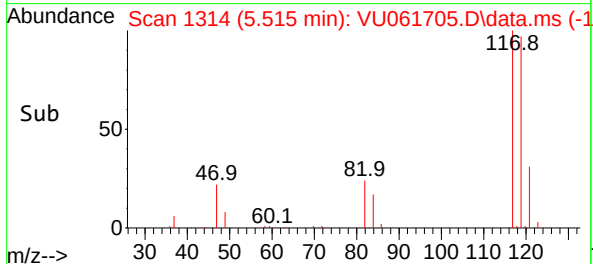
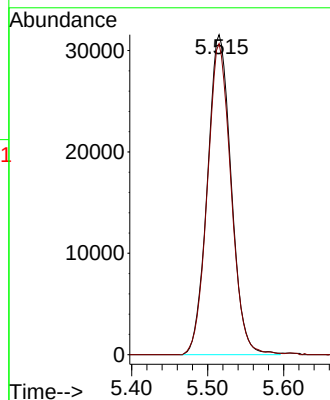
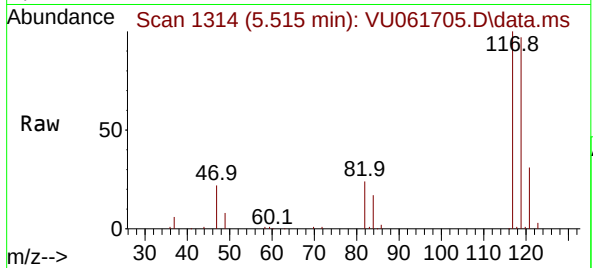




#31
Carbon tetrachloride
Concen: 4.356 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

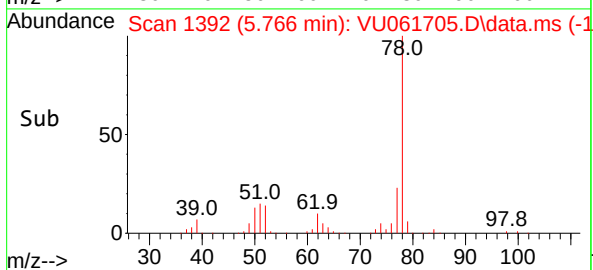
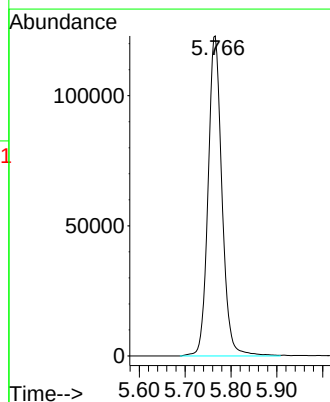
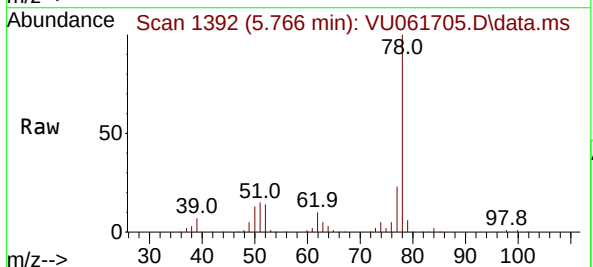
Instrument :
MSVOA_U
ClientSampleId :

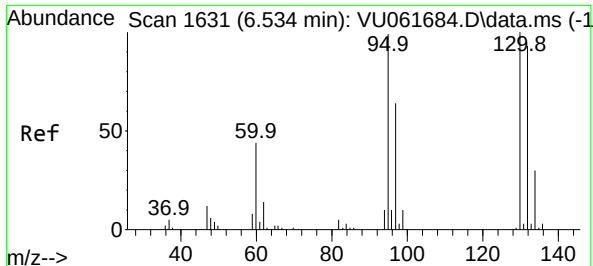
Tgt Ion:117 Resp: 68667
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8



#33
Benzene
Concen: 5.262 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion: 78 Resp: 259015





#34

Trichloroethene

Concen: 4.714 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 62651

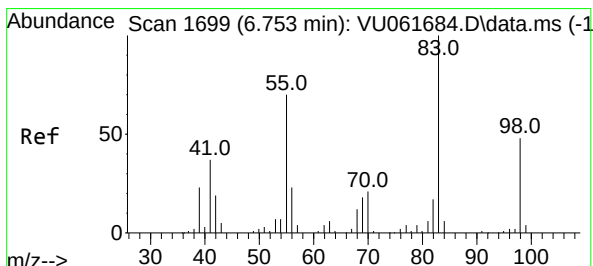
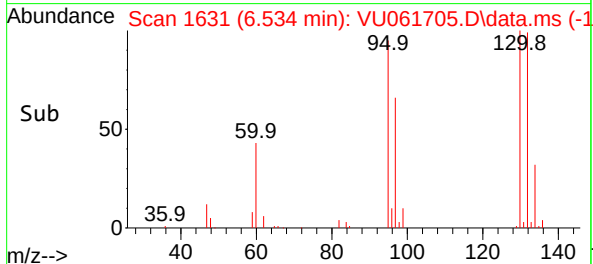
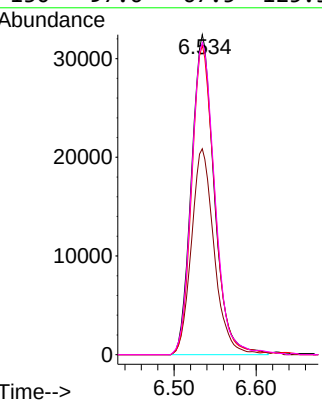
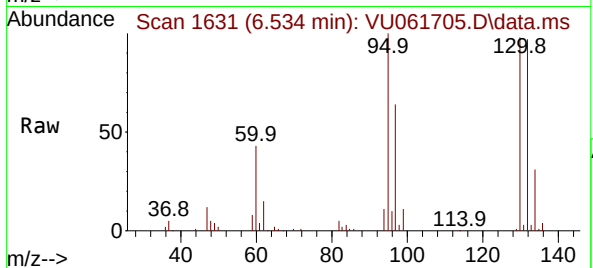
Ion Ratio Lower Upper

95 100

97 64.3 43.5 80.9

132 96.7 65.2 121.0

130 97.6 67.5 125.3



#35

Methylcyclohexane

Concen: 3.567 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

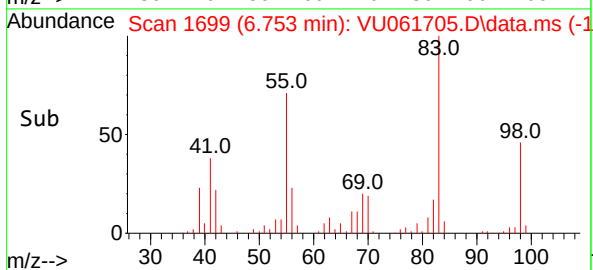
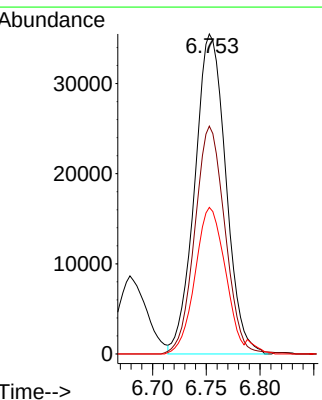
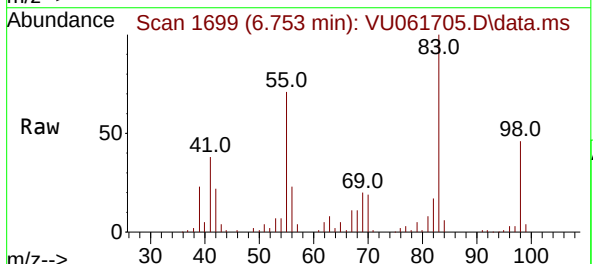
Tgt Ion: 83 Resp: 71494

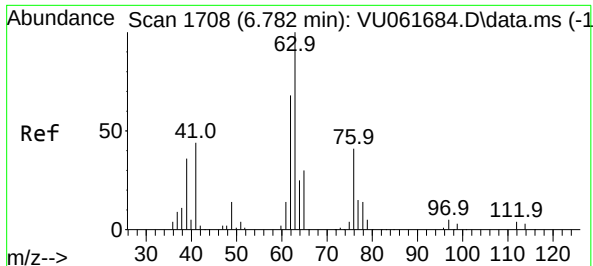
Ion Ratio Lower Upper

83 100

55 69.1 56.4 84.6

98 44.2 37.7 56.5

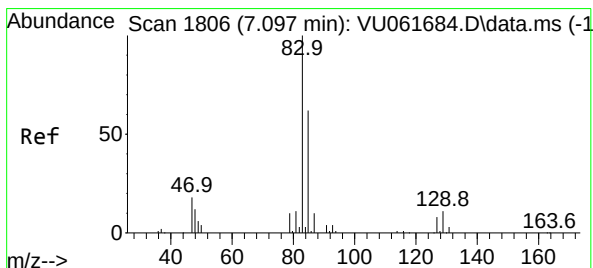
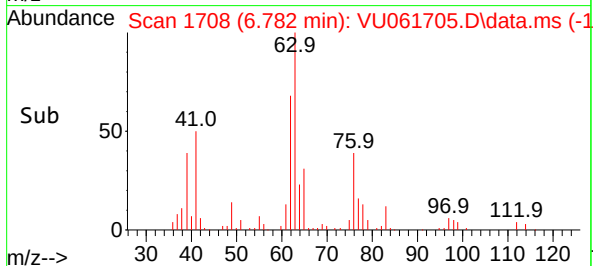
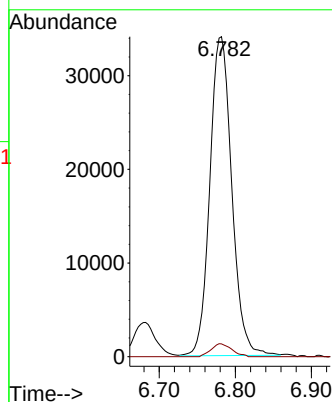
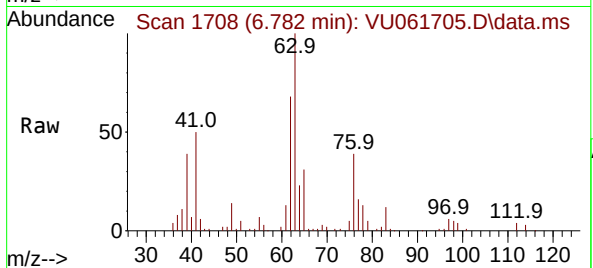




#37
1,2-Dichloropropane
Concen: 5.465 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

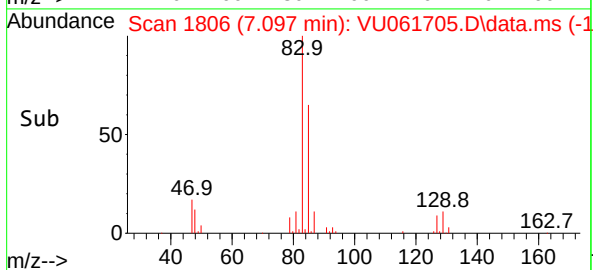
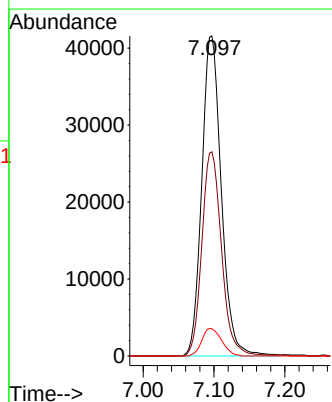
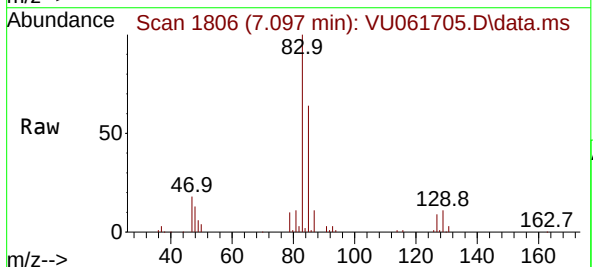
Instrument :
MSVOA_U
ClientSampleId :

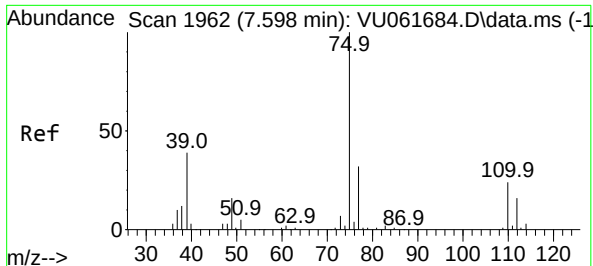
Tgt Ion: 63 Resp: 68239
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.318 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion: 83 Resp: 79680
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.170 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

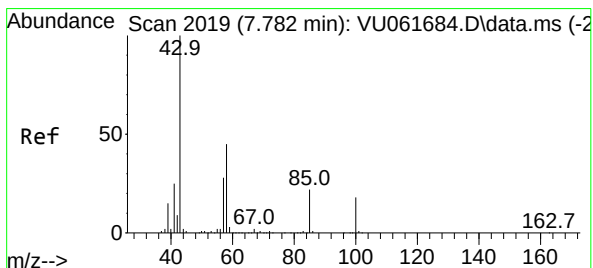
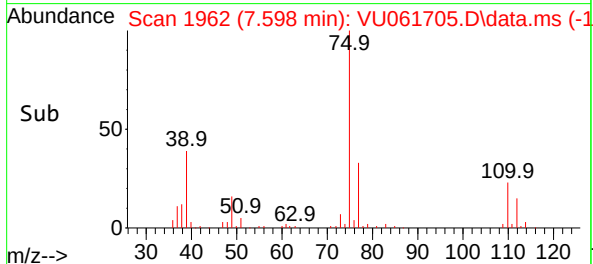
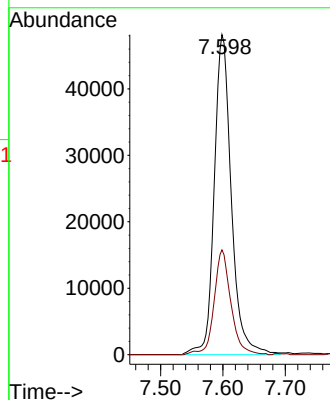
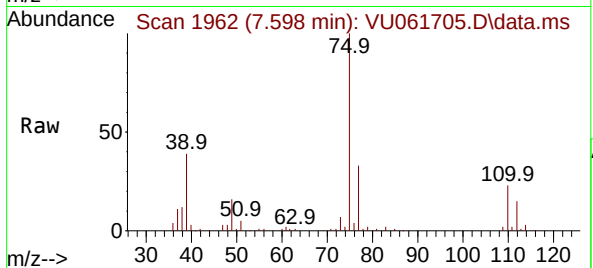
ClientSampleId :

Tgt Ion: 75 Resp: 91891

Ion Ratio Lower Upper

75 100

77 32.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 59.334 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

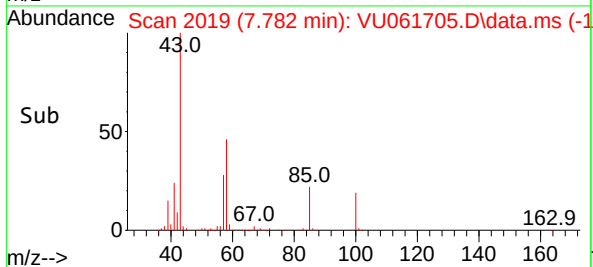
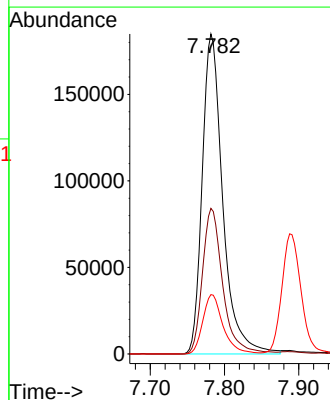
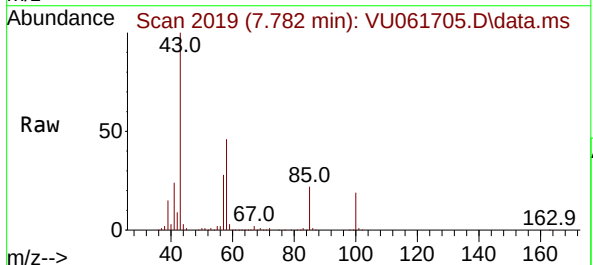
Tgt Ion: 43 Resp: 355258

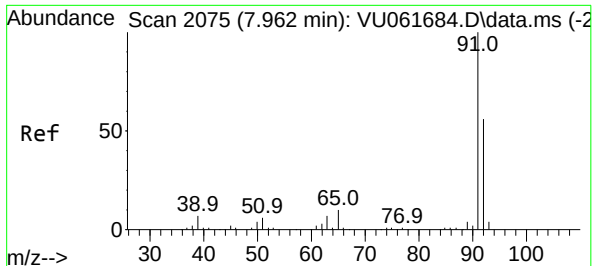
Ion Ratio Lower Upper

43 100

58 45.0 35.7 53.5

100 18.3 14.2 21.2





#42

Toluene

Concen: 4.888 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

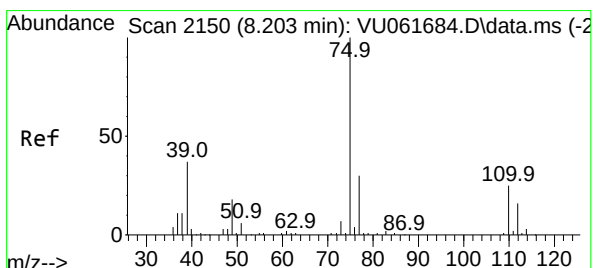
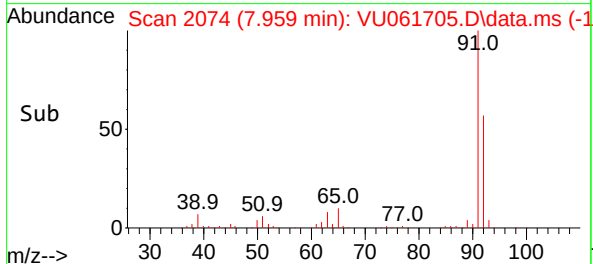
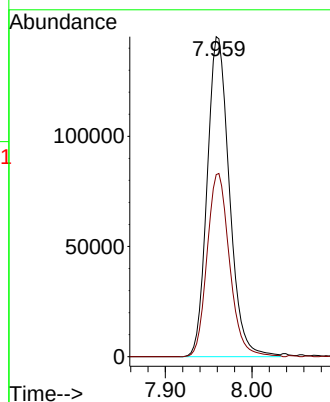
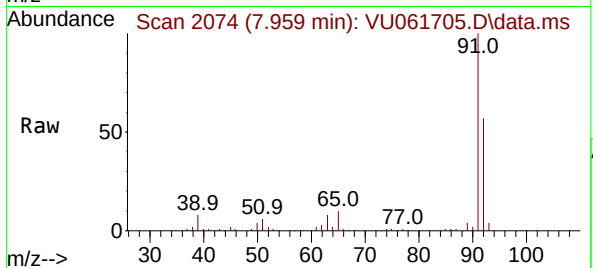
ClientSampleId :

Tgt Ion: 91 Resp: 259044

Ion Ratio Lower Upper

91 100

92 56.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.170 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061705.D

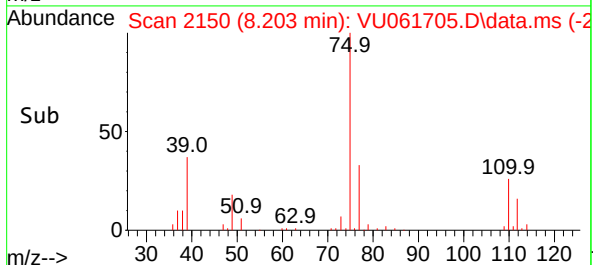
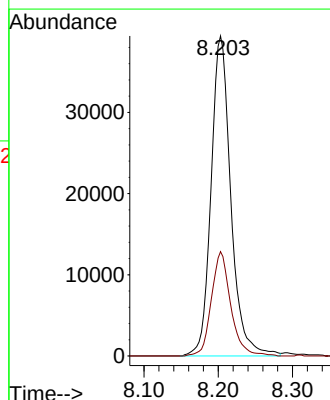
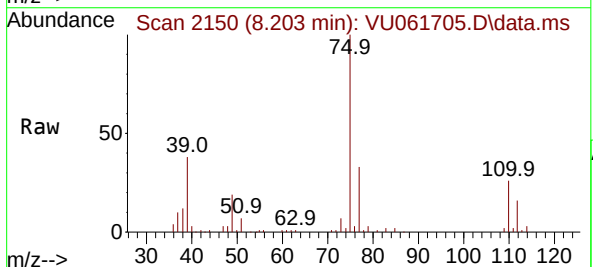
Acq: 15 Nov 2024 05:35

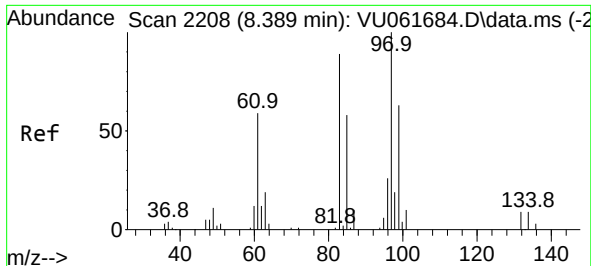
Tgt Ion: 75 Resp: 72882

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3

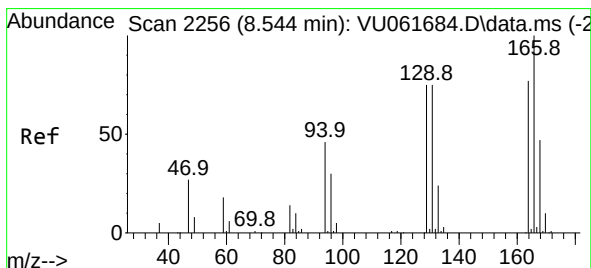
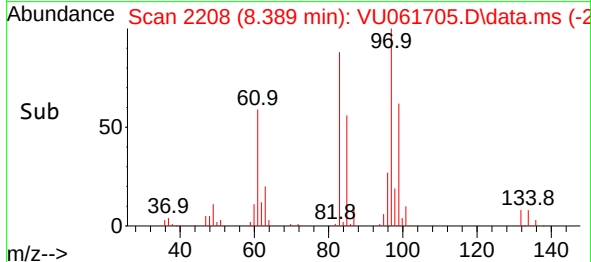
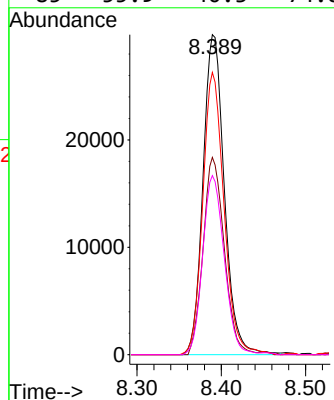
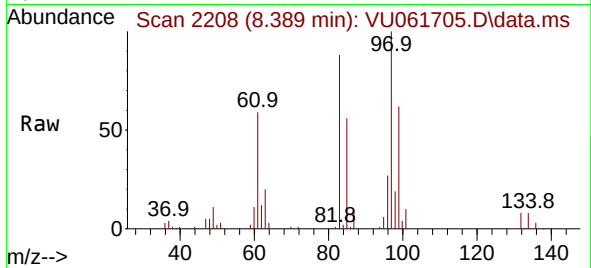




#45
1,1,2-Trichloroethane
Concen: 5.775 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

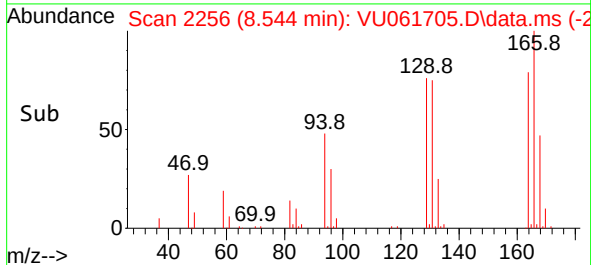
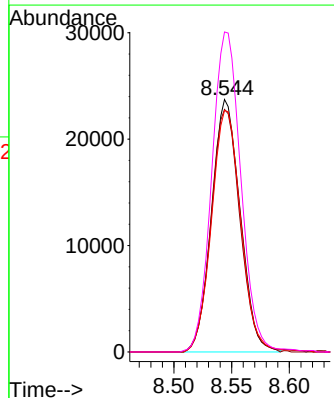
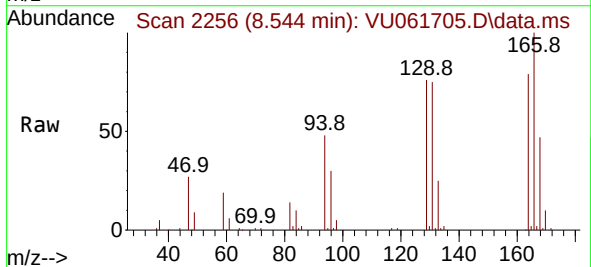
Instrument :
MSVOA_U
ClientSampleId :

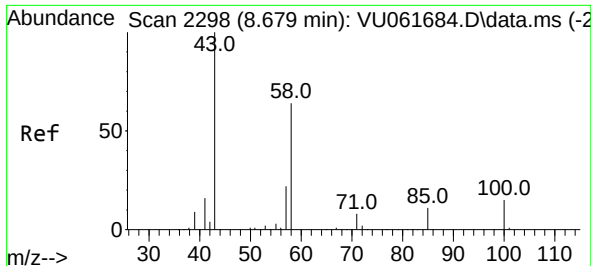
Tgt Ion:	97	Resp:	52573
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	88.2	63.2	117.4
85	55.9	40.3	74.8



#47
Tetrachloroethene
Concen: 4.087 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion:	164	Resp:	40819
Ion	Ratio	Lower	Upper
164	100		
129	96.1	71.7	133.3
131	95.6	68.2	126.6
166	126.7	89.9	167.0

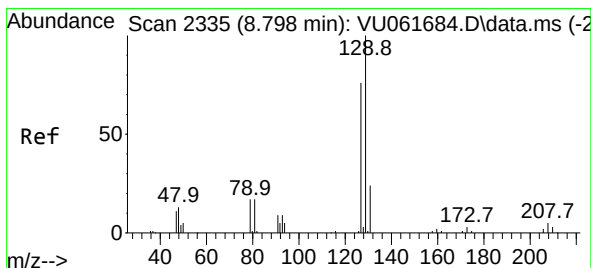
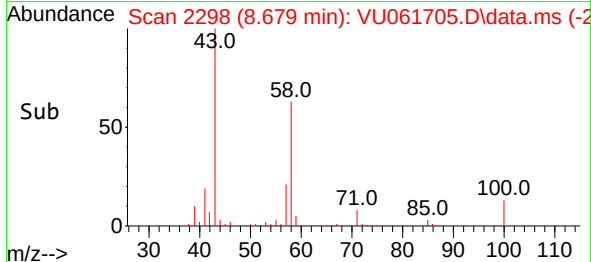
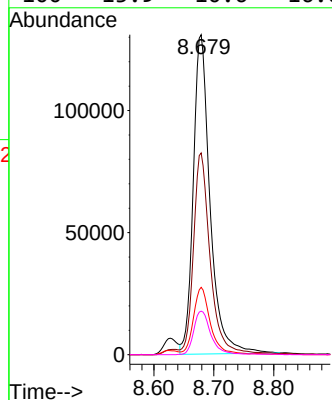
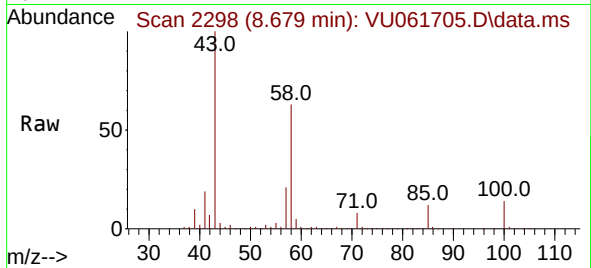




#48
2-Hexanone
Concen: 59.653 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

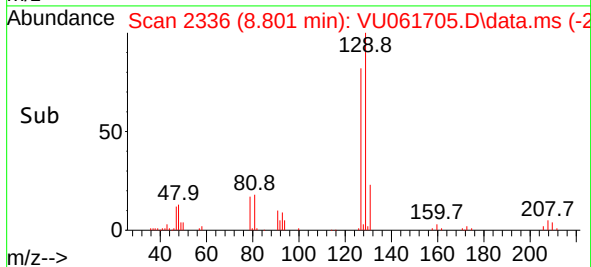
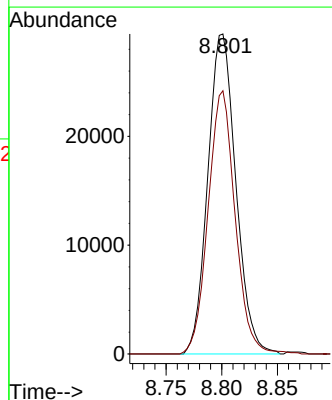
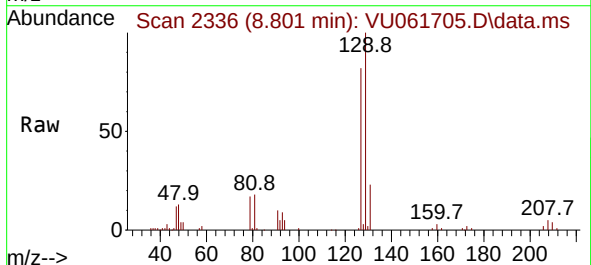
Instrument :
MSVOA_U
ClientSampleId :

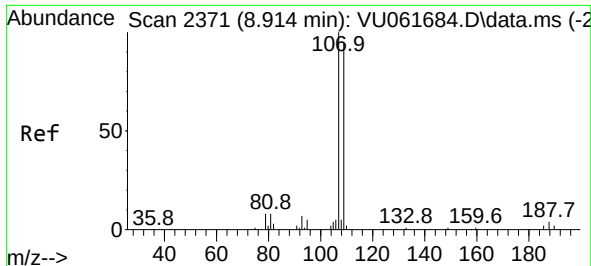
Tgt Ion:	43	Resp:	255382
Ion	Ratio	Lower	Upper
43	100		
58	61.4	49.4	74.2
57	20.8	16.3	24.5
100	13.9	10.6	16.0



#49
Dibromochloromethane
Concen: 5.406 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion:	129	Resp:	51602
Ion	Ratio	Lower	Upper
129	100		
127	82.2	55.1	102.3





#50

1,2-Dibromoethane

Concen: 5.736 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

ClientSampleId :

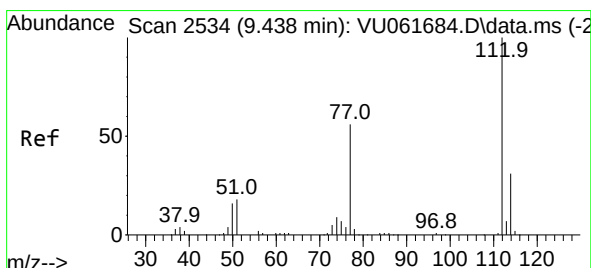
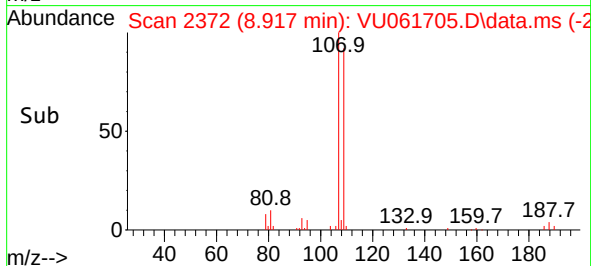
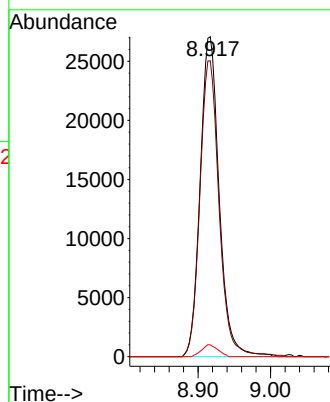
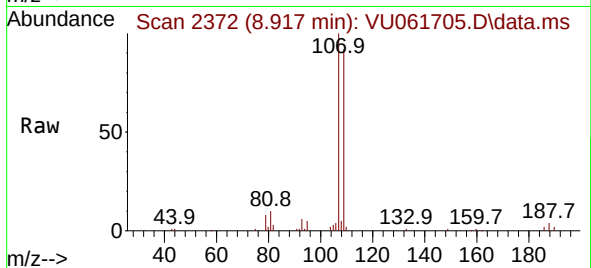
Tgt Ion:107 Resp: 49250

Ion Ratio Lower Upper

107 100

109 92.5 64.8 120.4

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 4.829 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

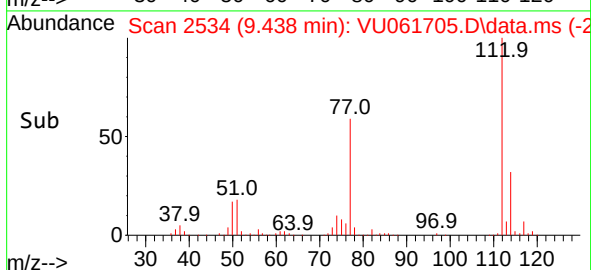
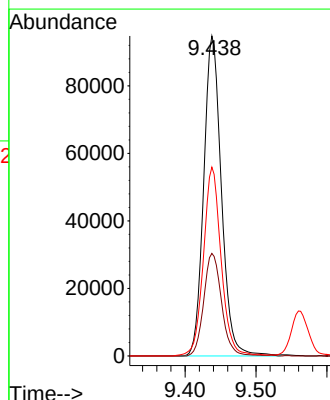
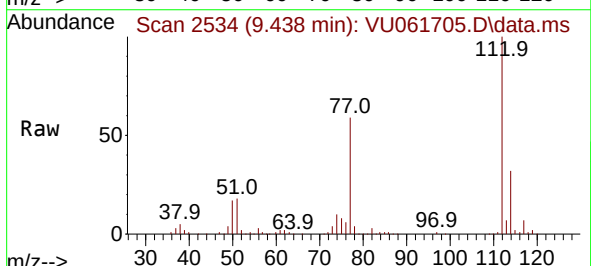
Tgt Ion:112 Resp: 164727

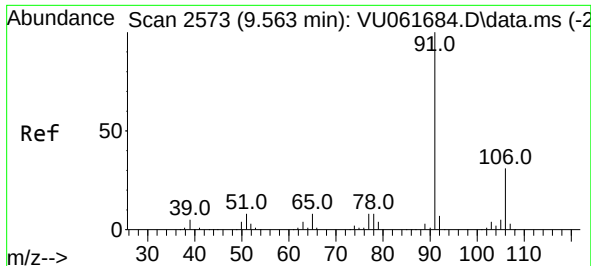
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.9

77 59.0 45.3 67.9

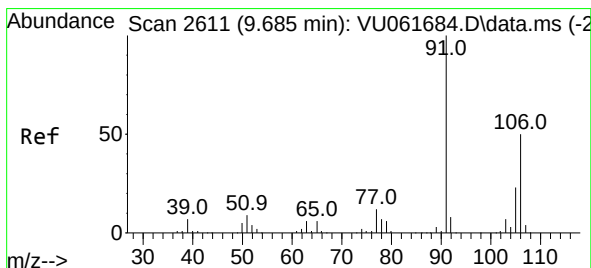
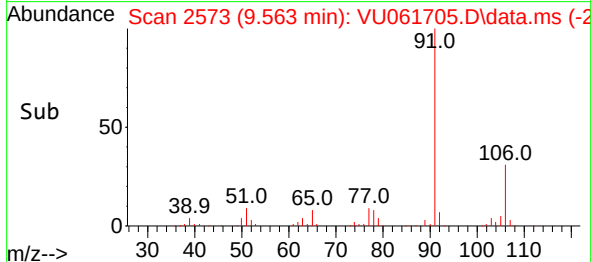
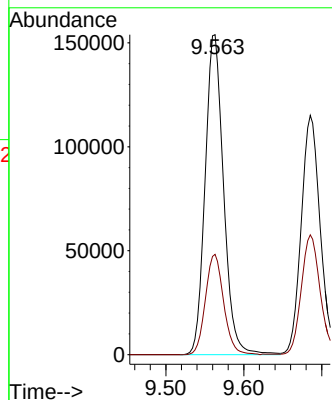
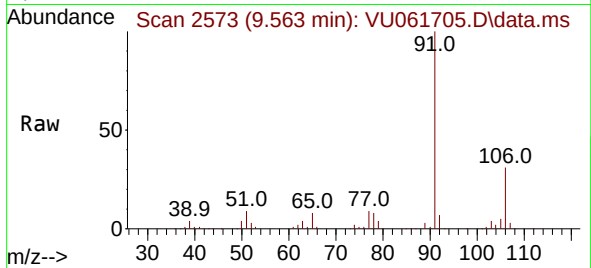




#52
Ethylbenzene
Concen: 4.488 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

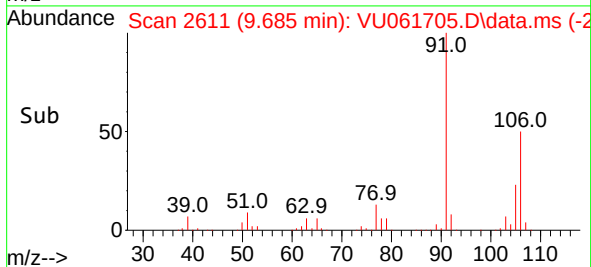
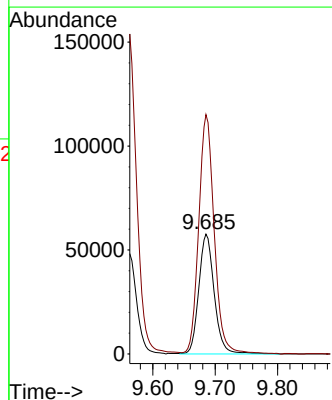
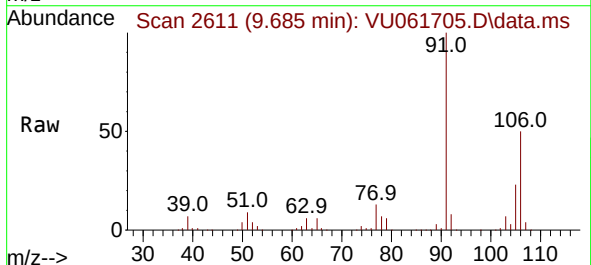
Instrument :
MSVOA_U
ClientSampleId :

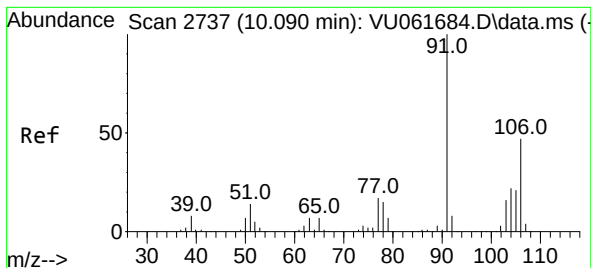
Tgt Ion: 91 Resp: 253366
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 4.584 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion: 106 Resp: 99022
Ion Ratio Lower Upper
106 100
91 199.8 140.4 260.8





#54

o-Xylene

Concen: 4.725 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

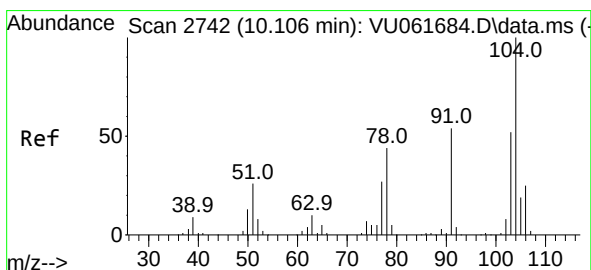
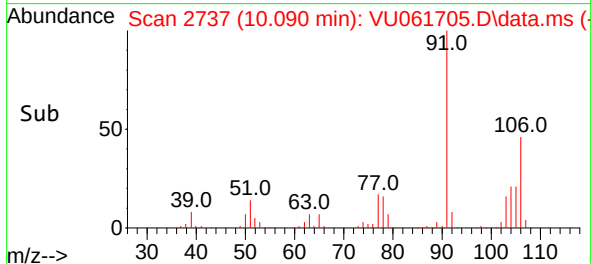
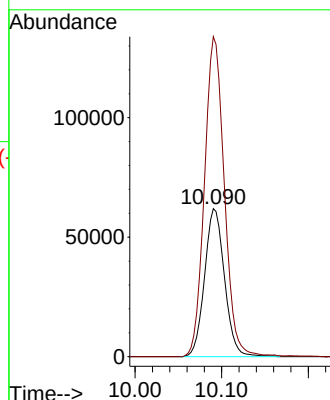
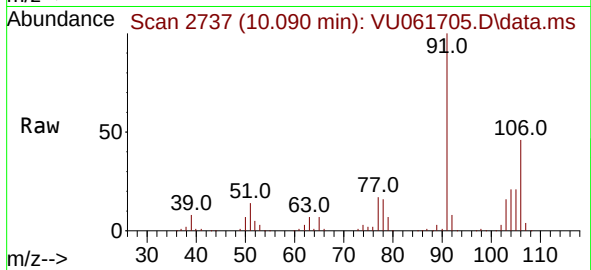
ClientSampleId :

Tgt Ion:106 Resp: 99193

Ion Ratio Lower Upper

106 100

91 216.2 151.3 280.9



#55

Styrene

Concen: 4.819 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061705.D

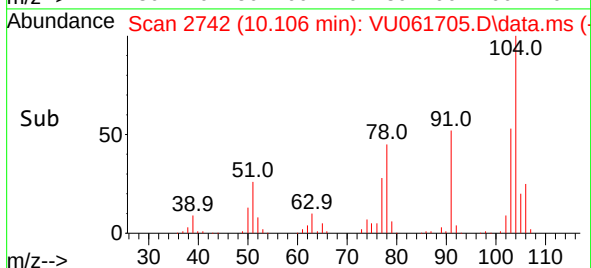
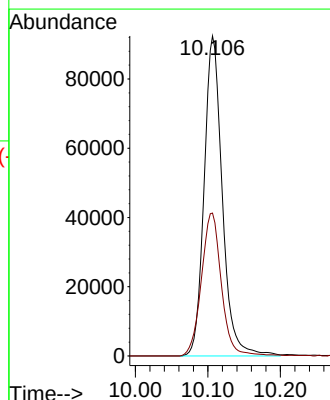
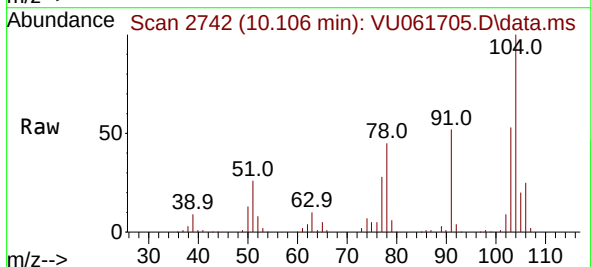
Acq: 15 Nov 2024 05:35

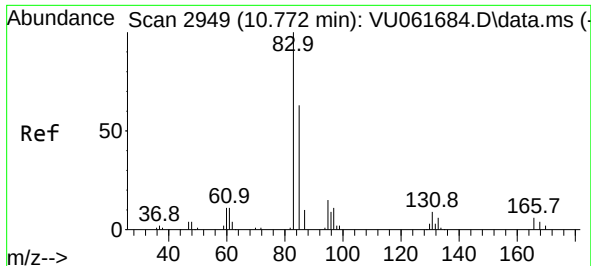
Tgt Ion:104 Resp: 161086

Ion Ratio Lower Upper

104 100

78 44.6 31.6 58.6

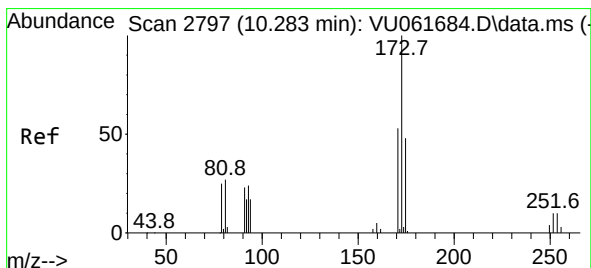
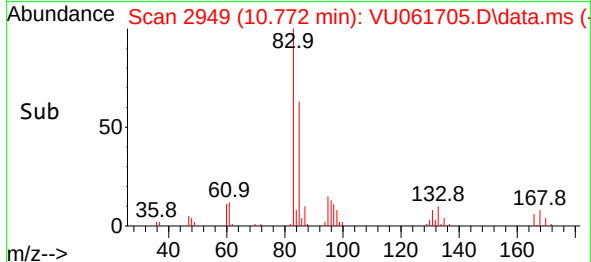
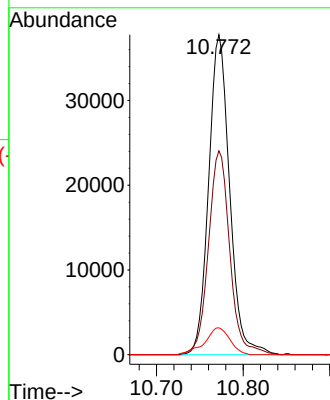
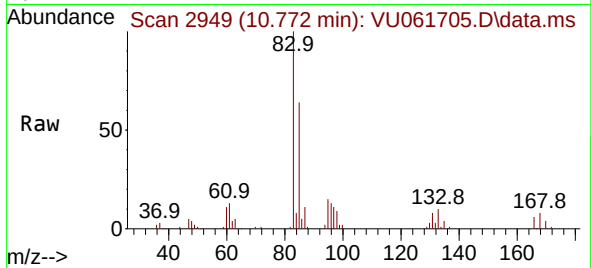




#57
1,1,2,2-Tetrachloroethane
Concen: 5.731 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

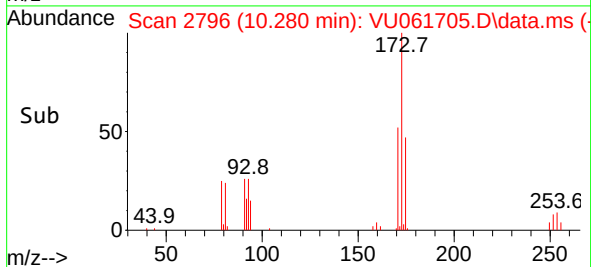
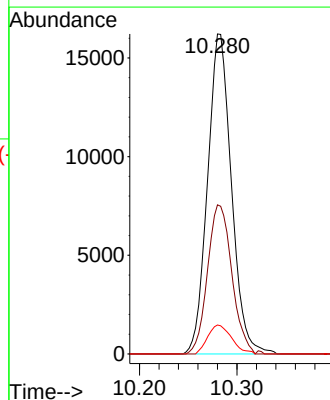
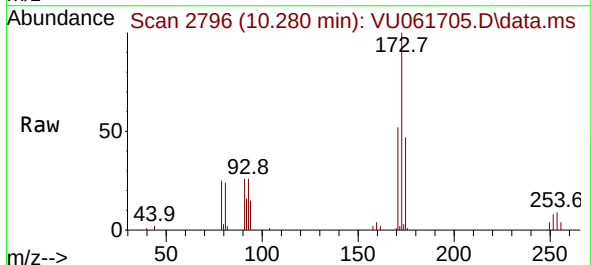
Instrument :
MSVOA_U
ClientSampleId :

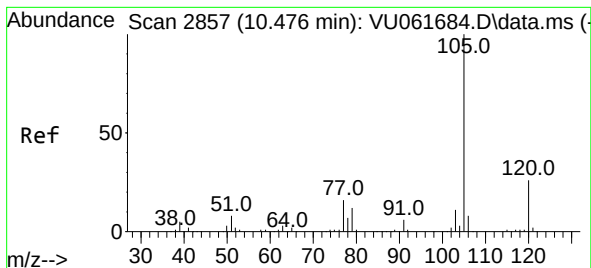
Tgt Ion: 83 Resp: 63486
Ion Ratio Lower Upper
83 100
85 63.7 41.9 77.9
131 8.4 7.8 11.6



#59
Bromoform
Concen: 5.375 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Tgt Ion:173 Resp: 27635
Ion Ratio Lower Upper
173 100
175 47.3 39.3 58.9
254 9.1 7.8 11.8





#60

Isopropylbenzene

Concen: 4.398 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

ClientSampleId :

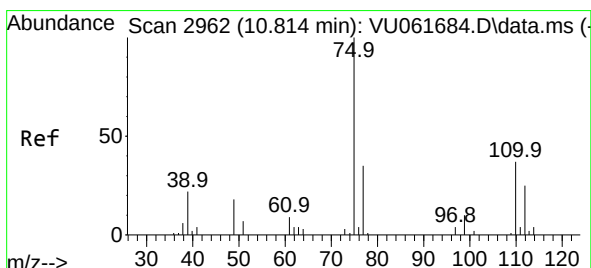
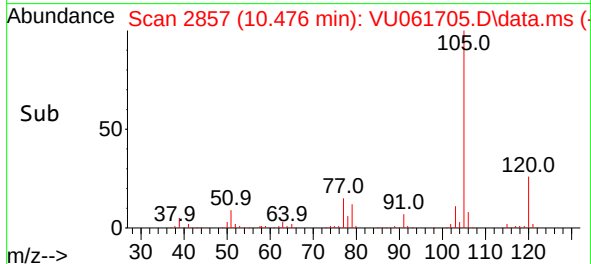
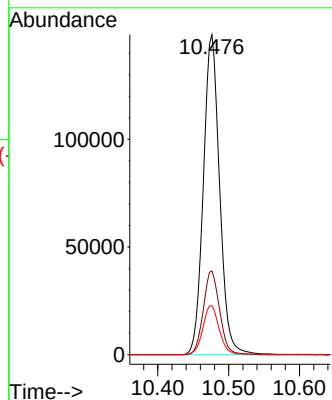
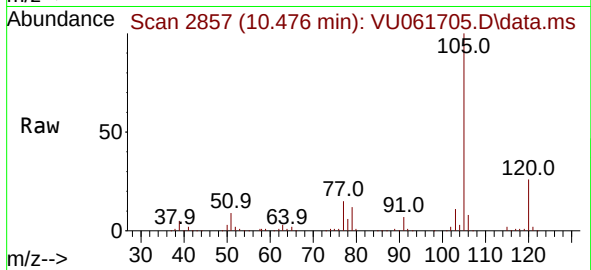
Tgt Ion:105 Resp: 236961

Ion Ratio Lower Upper

105 100

120 26.1 21.6 32.4

77 15.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.942 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

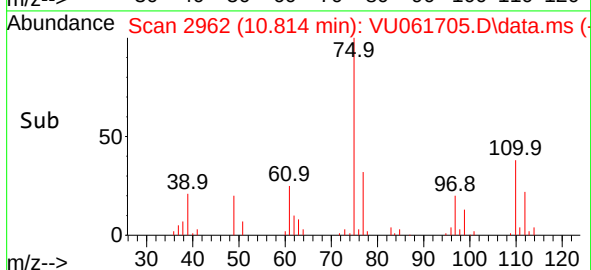
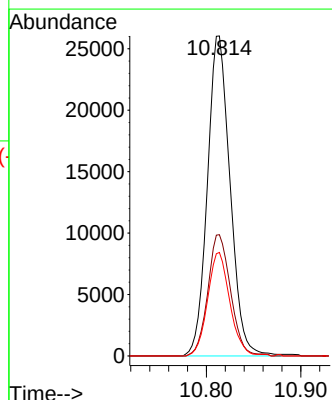
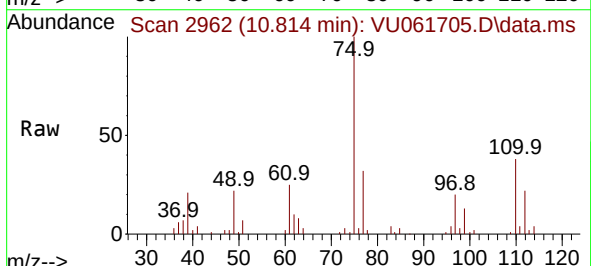
Tgt Ion: 75 Resp: 43483

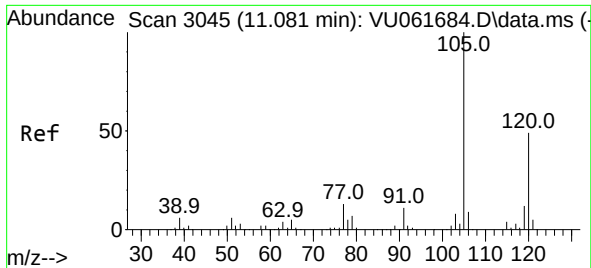
Ion Ratio Lower Upper

75 100

110 38.0 31.3 46.9

77 31.8 26.0 39.0

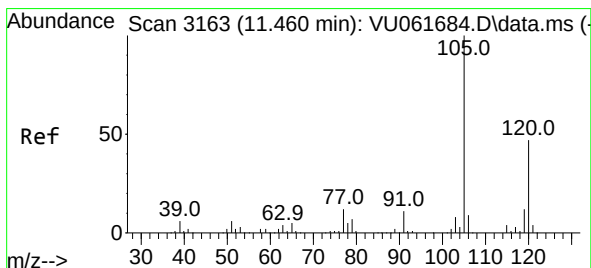
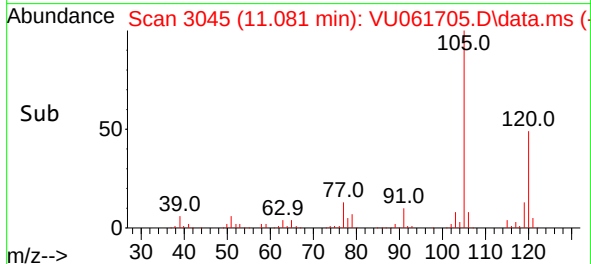
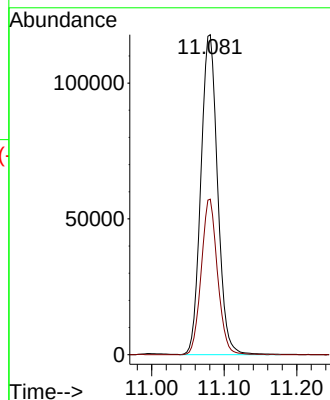
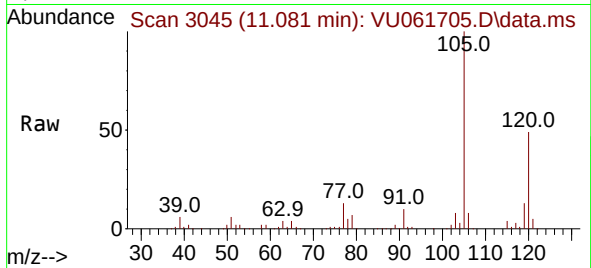




#62
1,3,5-Trimethylbenzene
Concen: 4.378 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

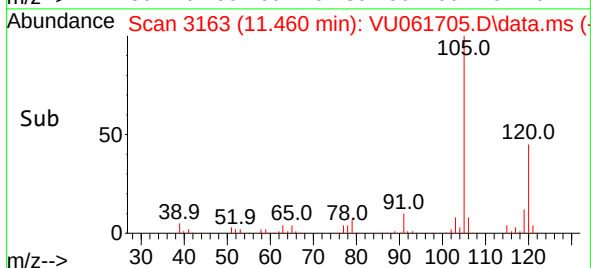
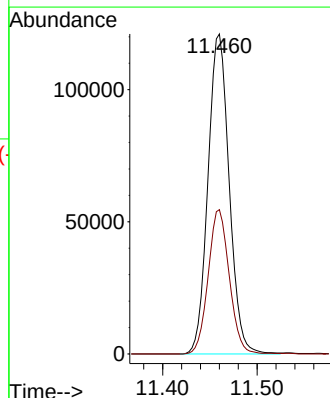
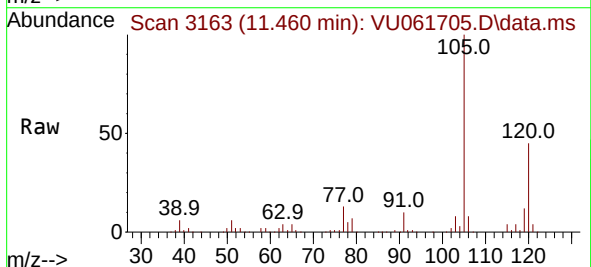
Instrument :
MSVOA_U
ClientSampleId :

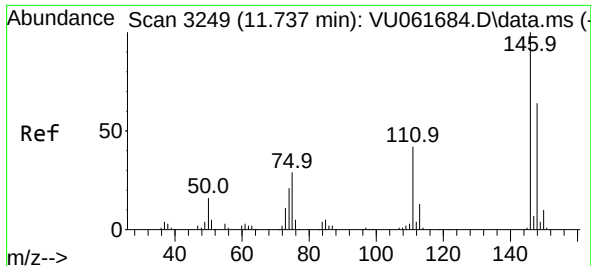
Tgt Ion:105 Resp: 188854
Ion Ratio Lower Upper
105 100
120 47.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.493 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

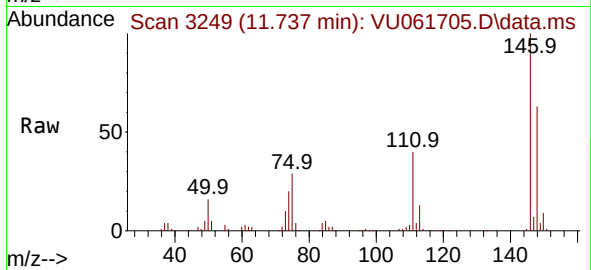
Tgt Ion:105 Resp: 188643
Ion Ratio Lower Upper
105 100
120 44.9 36.3 54.5



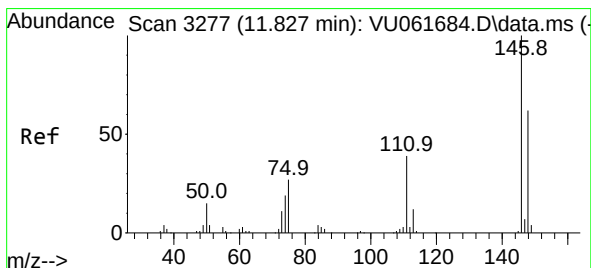
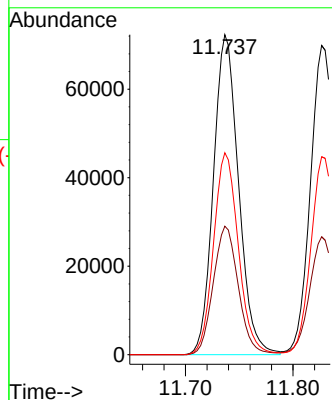
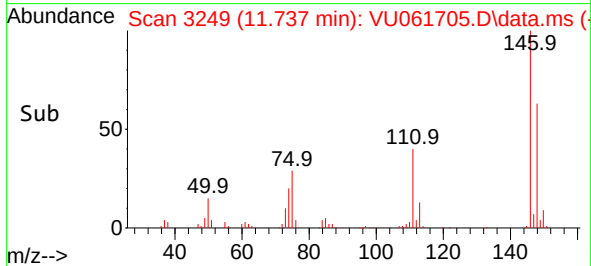


#64
1,3-Dichlorobenzene
Concen: 4.753 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

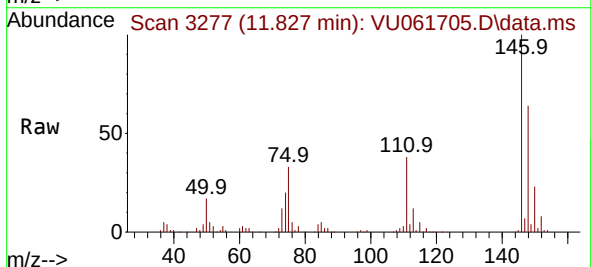
Instrument :
MSVOA_U
ClientSampleId :



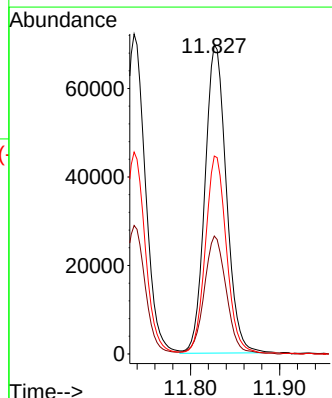
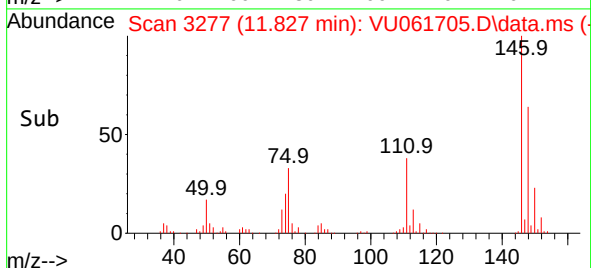
Tgt Ion:146 Resp: 117423
Ion Ratio Lower Upper
146 100
111 40.2 29.3 54.3
148 63.1 44.5 82.7

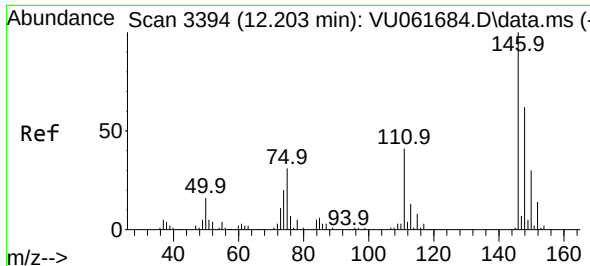


#65
1,4-Dichlorobenzene
Concen: 4.637 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35



Tgt Ion:146 Resp: 116332
Ion Ratio Lower Upper
146 100
111 38.1 28.8 53.4
148 64.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.949 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

ClientSampleId :

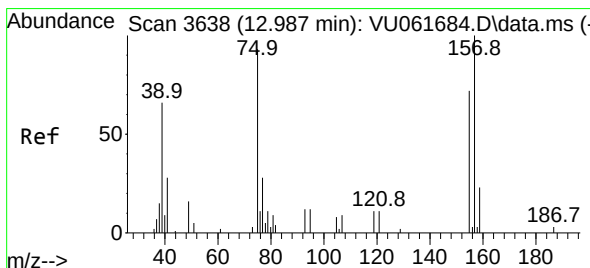
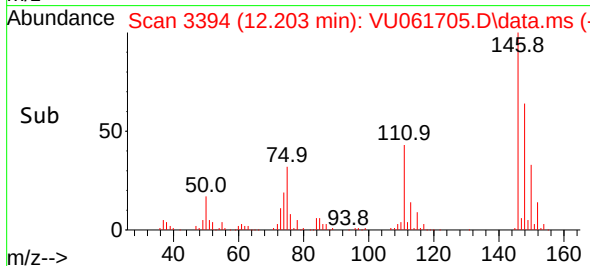
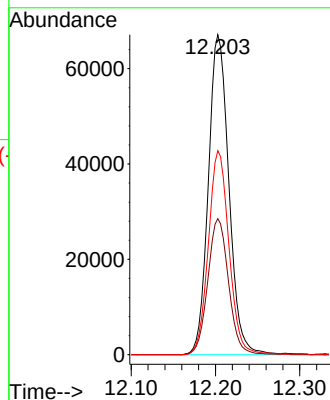
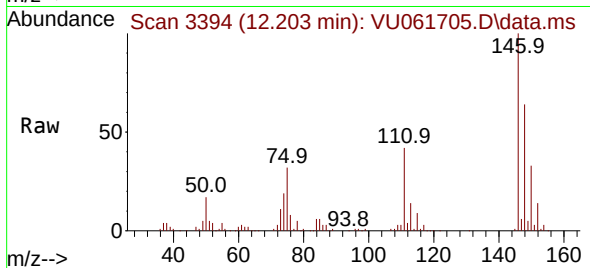
Tgt Ion:146 Resp: 113719

Ion Ratio Lower Upper

146 100

111 42.5 35.2 52.8

148 63.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.797 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

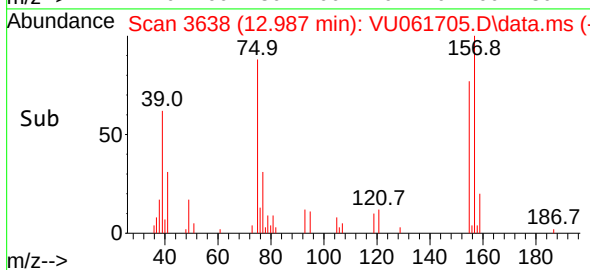
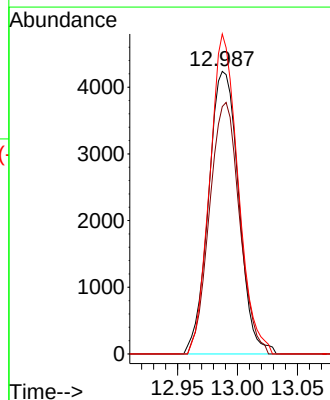
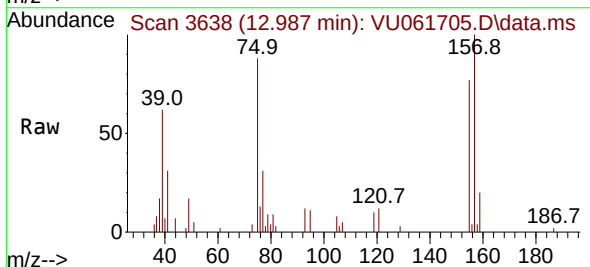
Tgt Ion: 75 Resp: 7407

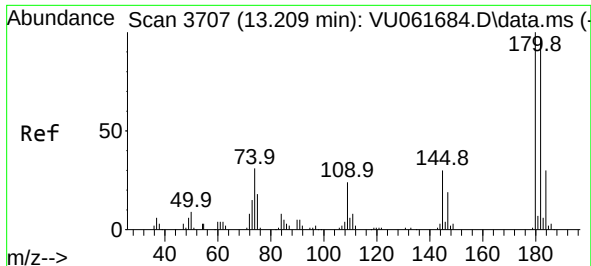
Ion Ratio Lower Upper

75 100

155 87.6 62.6 93.8

157 113.2 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.307 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 74303

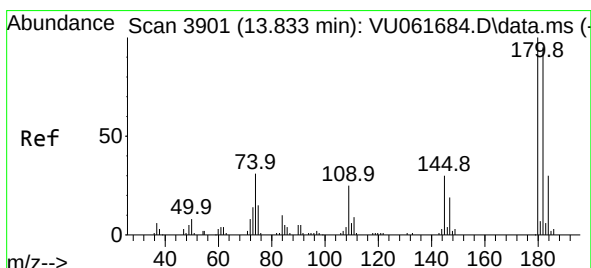
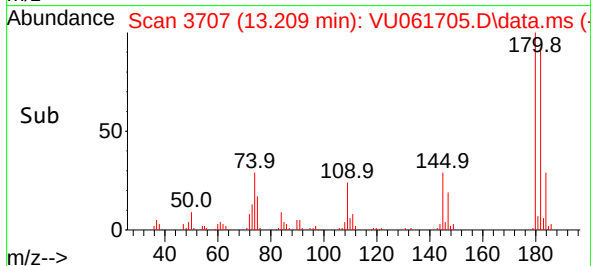
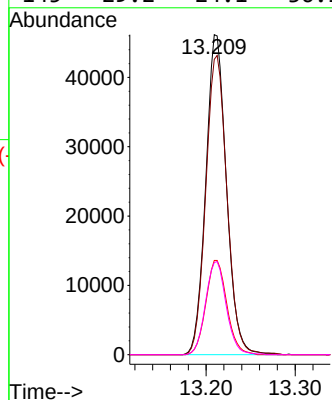
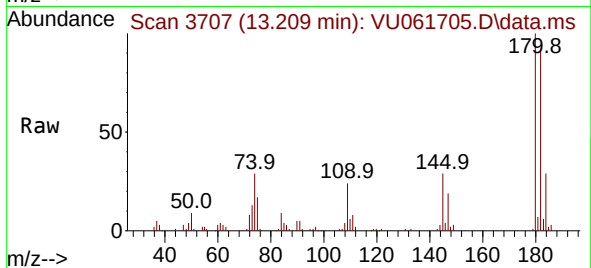
Ion Ratio Lower Upper

180 100

182 95.8 77.1 115.7

184 29.9 24.7 37.1

145 29.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.414 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061705.D

Acq: 15 Nov 2024 05:35

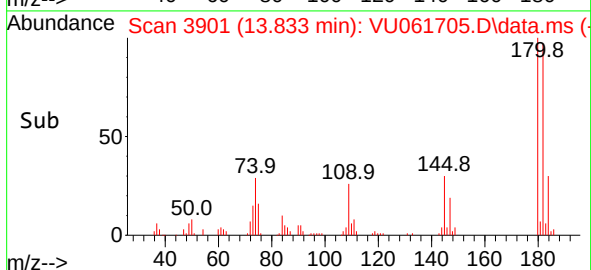
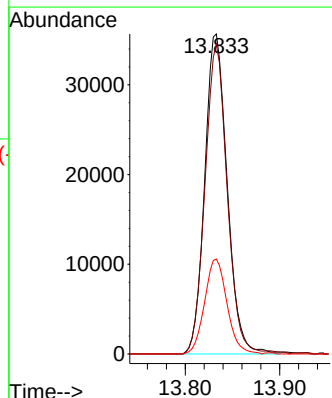
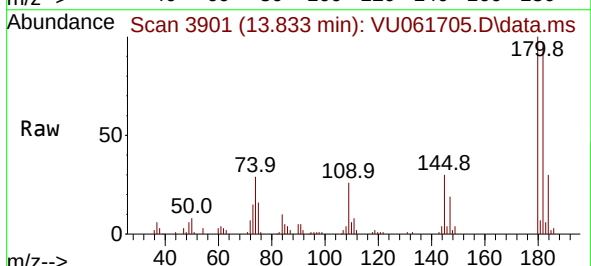
Tgt Ion:180 Resp: 59008

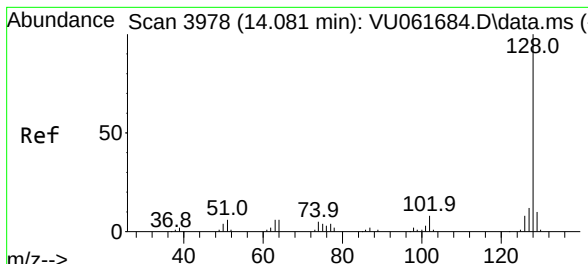
Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

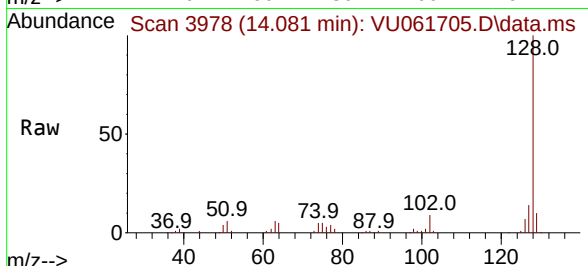
145 29.5 24.5 36.7





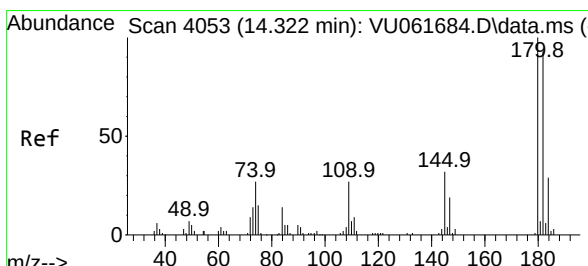
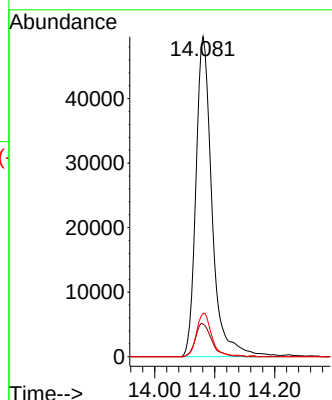
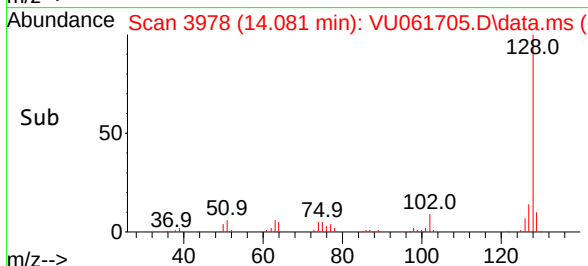
#71
Naphthalene
Concen: 4.836 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35

Instrument :
MSVOA_U
ClientSampleId :

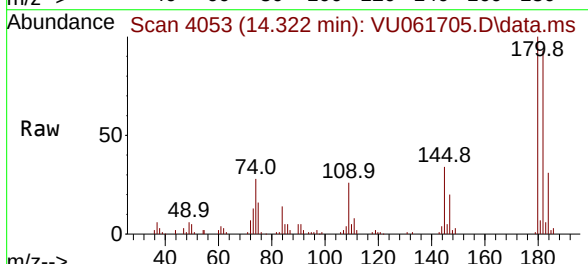


Tgt Ion:128 Resp: 92815

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	12.9	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.627 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061705.D
Acq: 15 Nov 2024 05:35



Tgt Ion:180 Resp: 51925

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.6	114.8
145	33.1	26.3	39.5

