

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061535.D
 Acq On : 07 Nov 2024 21:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 02:18:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172274	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37988	3.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.907	69	44040	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	18788	3.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.624	46	122845	51.703	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	5.052	84	101973	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	50693	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.718	84	196119	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	60864	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	180104	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	21797	3.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.624	63	114068	49.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52252	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	63483	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50452	4.393	ug/L	98
3) Chloromethane	1.515	50	46735	3.859	ug/L	98
5) Vinyl chloride	1.599	62	55842	4.194	ug/L	100
6) Bromomethane	1.853	94	30863	3.498	ug/L	98
8) Chloroethane	1.930	64	46995	4.793	ug/L	95
9) Trichlorofluoromethane	2.133	101	83465	4.615	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51207	4.768	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46188	4.535	ug/L	95
13) Acetone	2.641	43	75030	49.858	ug/L	99
14) Carbon disulfide	2.785	76	128031	3.768	ug/L	100
15) Methyl Acetate	2.952	43	19664	5.277	ug/L	97
16) Methylene chloride	3.036	84	65316	5.442	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135358	4.903	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	52939	4.700	ug/L	94
19) 1,1-Dichloroethane	3.859	63	102272	4.815	ug/L	100
21) 2-Butanone	4.705	43	125838	52.747	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	69285	5.386	ug/L	96
23) Bromochloromethane	4.965	128	28266	5.222	ug/L	99
25) Chloroform	5.078	83	112520	5.038	ug/L	100

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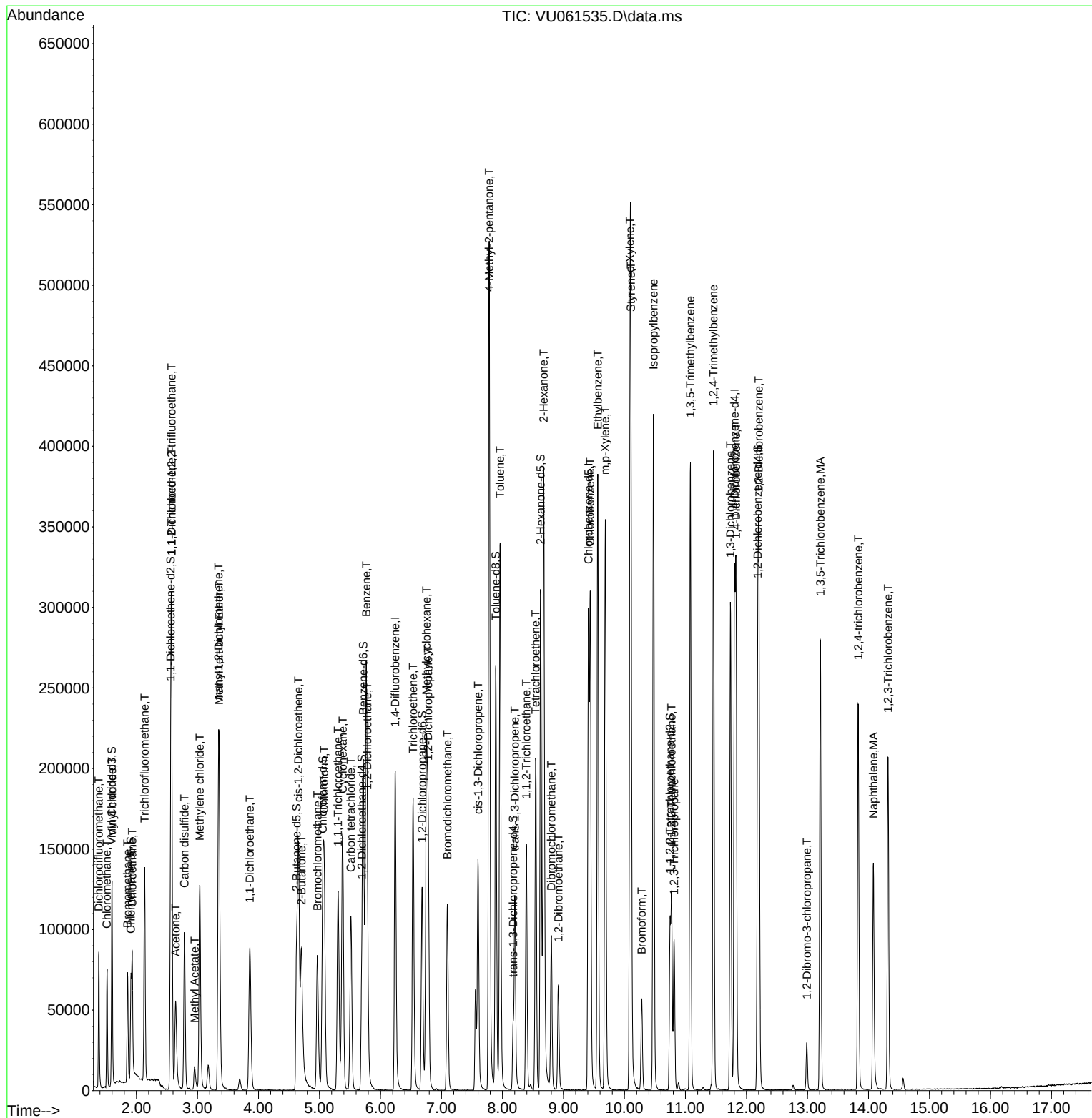
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69854	4.949	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	90883	4.594	ug/L	99
30) Cyclohexane	5.380	56	79797	4.022	ug/L	99
31) Carbon tetrachloride	5.515	117	74901	4.425	ug/L	99
33) Benzene	5.766	78	240244	4.809	ug/L	100
34) Trichloroethene	6.534	95	64601	4.754	ug/L	97
35) Methylcyclohexane	6.753	83	88811	4.106	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63700	5.030	ug/L	99
38) Bromodichloromethane	7.097	83	76868	4.796	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	88935	4.547	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	327631	51.984	ug/L	99
42) Toluene	7.962	91	259047	4.775	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70431	4.420	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	48239	5.293	ug/L	98
47) Tetrachloroethene	8.544	164	43816	4.616	ug/L	98
48) 2-Hexanone	8.676	43	237490	53.287	ug/L	99
49) Dibromochloromethane	8.801	129	47962	4.640	ug/L	94
50) 1,2-Dibromoethane	8.917	107	44069	4.978	ug/L	100
51) Chlorobenzene	9.438	112	165546	4.828	ug/L	99
52) Ethylbenzene	9.563	91	280685	4.703	ug/L	99
53) m,p-Xylene	9.685	106	105249	4.629	ug/L	98
54) o-Xylene	10.090	106	105181	4.688	ug/L	99
55) Styrene	10.107	104	172094	4.784	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	59242	5.395	ug/L	97
59) Bromoform	10.283	173	25504	4.268	ug/L	99
60) Isopropylbenzene	10.476	105	274579	4.452	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40108	4.987	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	217186	4.326	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	215934	4.351	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	125039	4.818	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	125543	4.745	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	117722	4.819	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7999	4.737	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	87455	4.915	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	73526	5.121	ug/L	97
71) Naphthalene	14.081	128	121995	5.385	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64299	5.353	ug/L	99

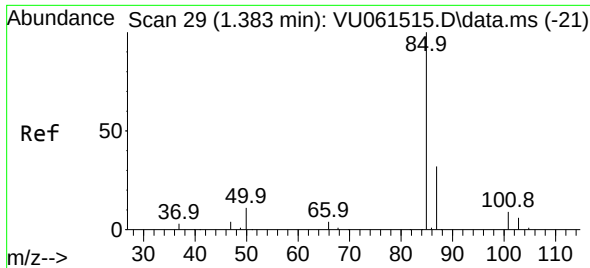
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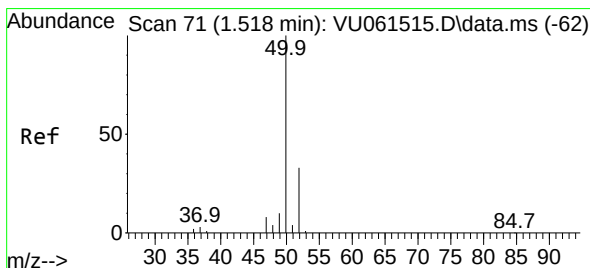
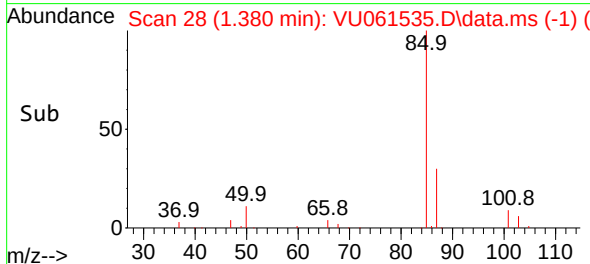
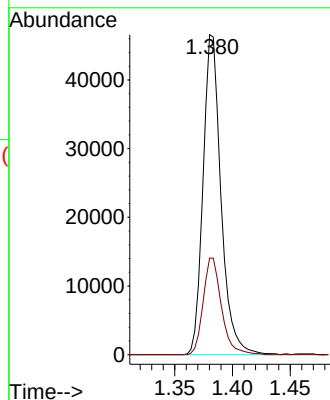
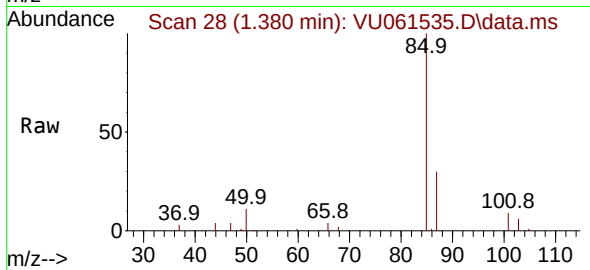




#2
 Dichlorodifluoromethane
 Concen: 4.393 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU061535.D
 Acq: 07 Nov 2024 21:11

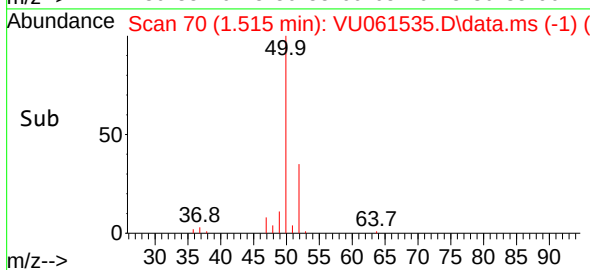
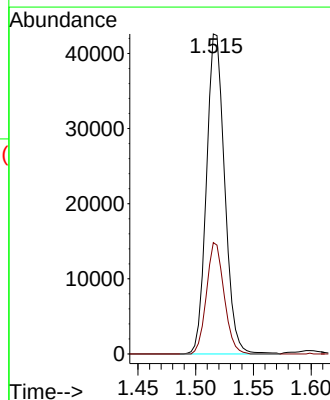
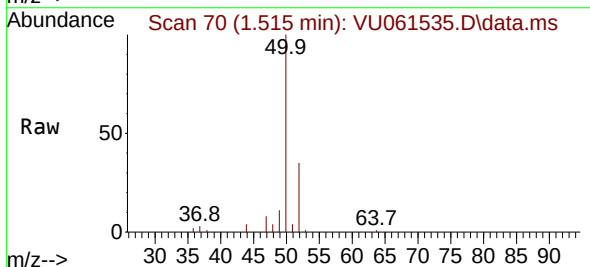
Instrument :
 MSVOA_U
 ClientSampleId :

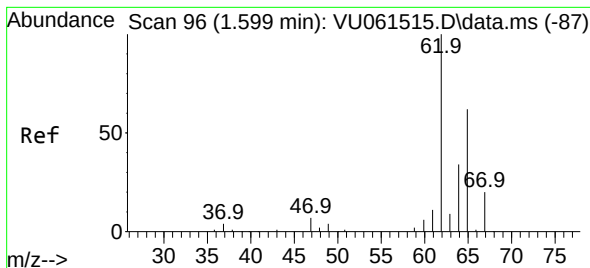
Tgt Ion: 85 Resp: 50452
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.7 38.5



#3
 Chloromethane
 Concen: 3.859 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061535.D
 Acq: 07 Nov 2024 21:11

Tgt Ion: 50 Resp: 46735
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.4 43.4





#5

Vinyl chloride

Concen: 4.194 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

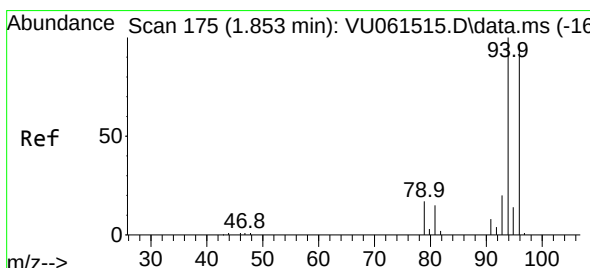
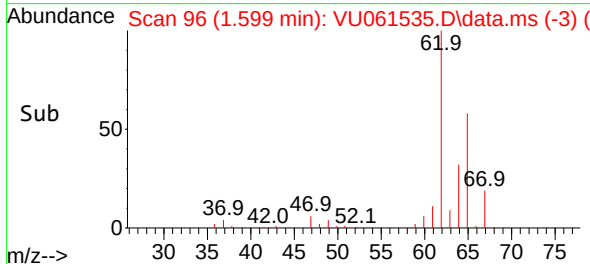
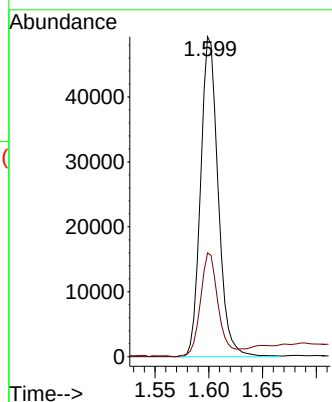
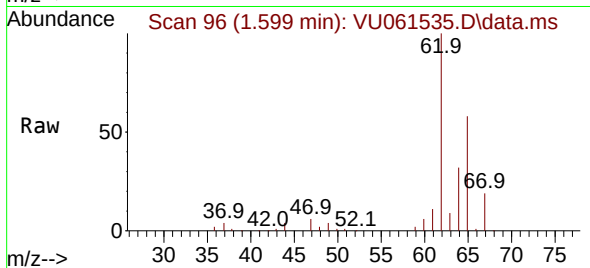
ClientSampleId :

Tgt Ion: 62 Resp: 55842

Ion Ratio Lower Upper

62 100

64 32.4 22.6 42.0



#6

Bromomethane

Concen: 3.498 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061535.D

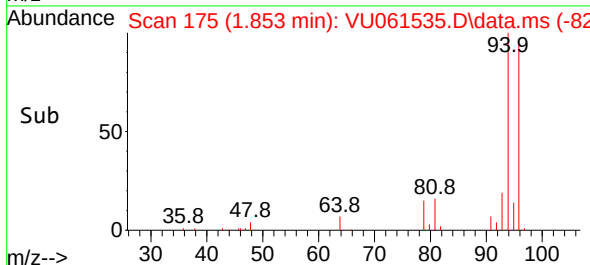
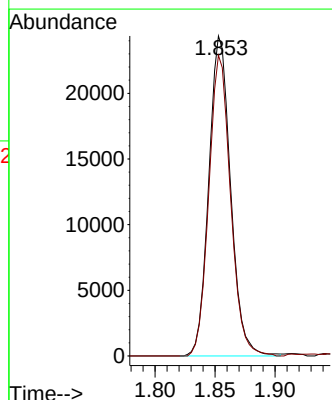
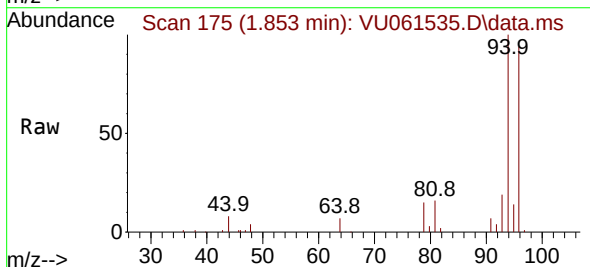
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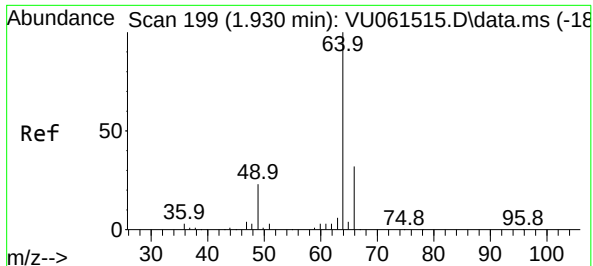
Tgt Ion: 94 Resp: 30863

Ion Ratio Lower Upper

94 100

96 94.0 66.9 124.3

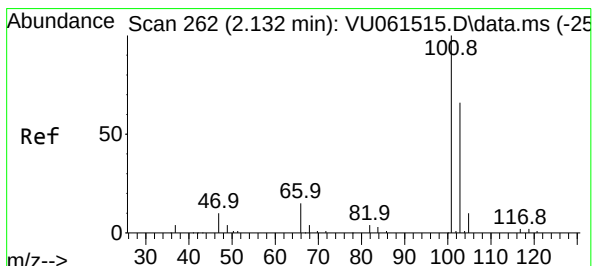
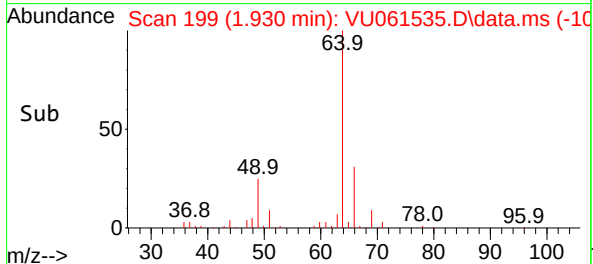
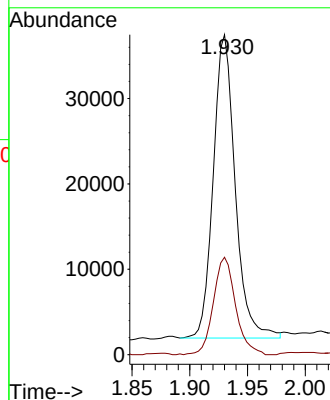
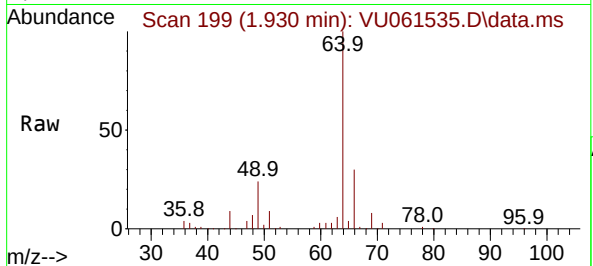




#8
Chloroethane
Concen: 4.793 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

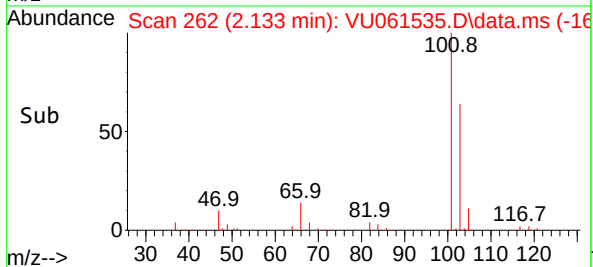
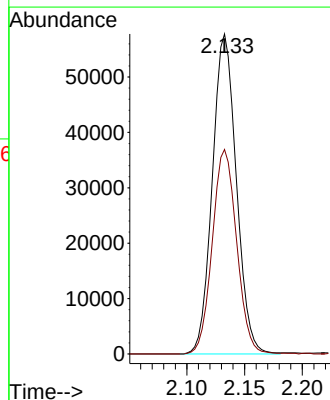
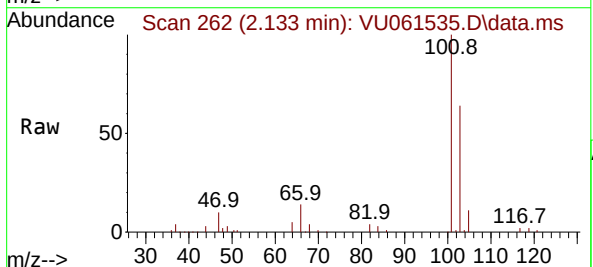
Instrument :
MSVOA_U
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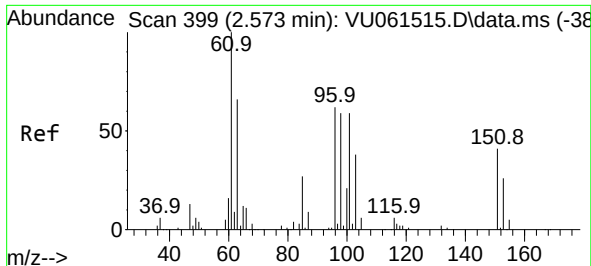
Tgt Ion: 64 Resp: 46995
Ion Ratio Lower Upper
64 100
66 30.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.615 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion:101 Resp: 83465
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

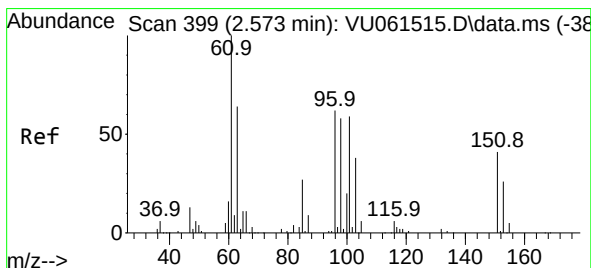
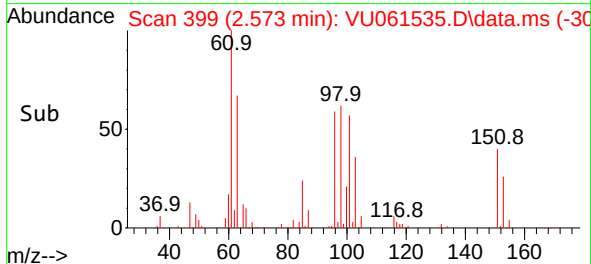
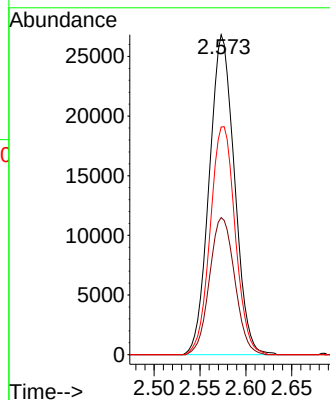
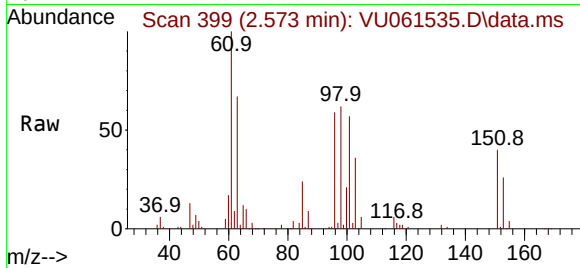




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.768 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061535.D
 Acq: 07 Nov 2024 21:11

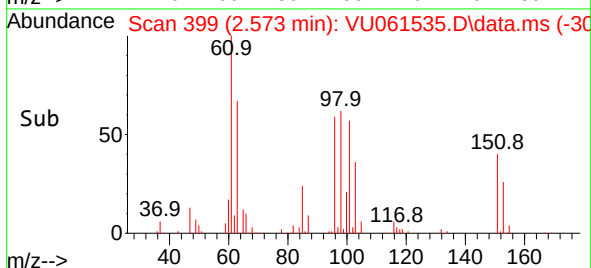
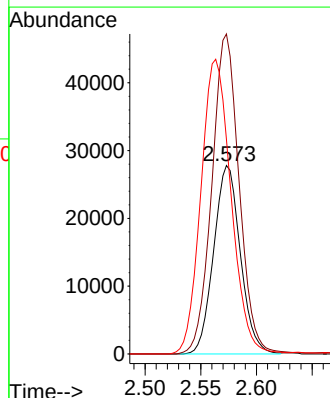
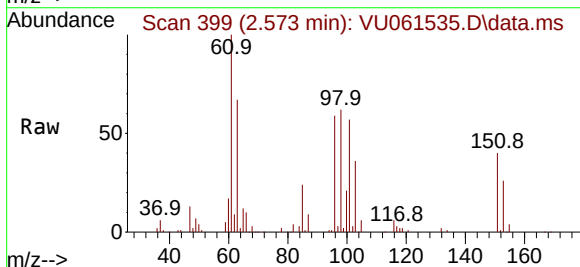
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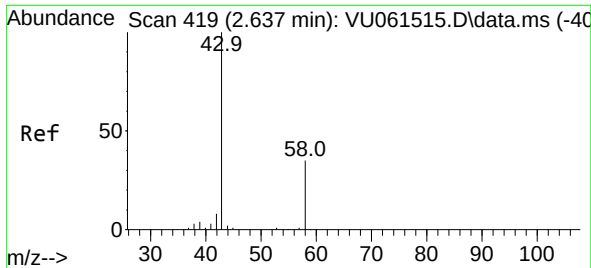
Tgt Ion:	101	Resp:	51207
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.6	53.4
151	70.8	55.9	83.9



#12
 1,1-Dichloroethene
 Concen: 4.535 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061535.D
 Acq: 07 Nov 2024 21:11

Tgt Ion:	96	Resp:	46188
Ion Ratio	Lower	Upper	
96	100		
61	169.7	119.1	221.1
63	113.8	89.4	166.0





#13

Acetone

Concen: 49.858 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

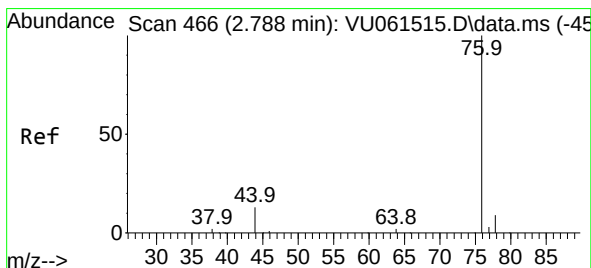
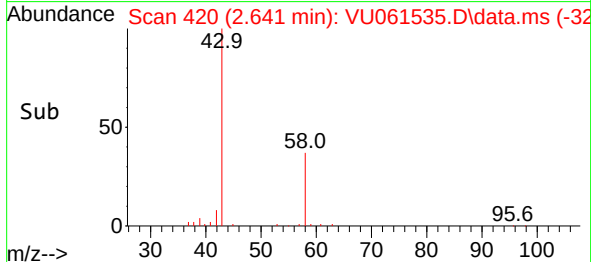
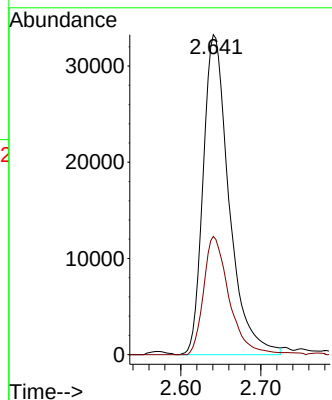
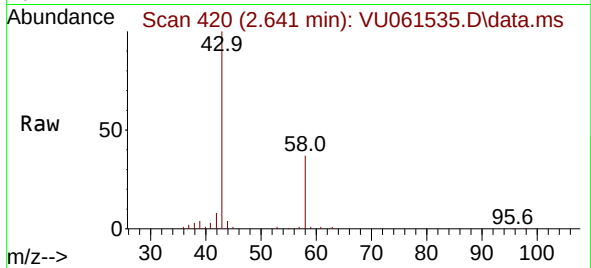
ClientSampleId :

Tgt Ion: 43 Resp: 75030

Ion Ratio Lower Upper

43 100

58 36.3 0.0 73.2



#14

Carbon disulfide

Concen: 3.768 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061535.D

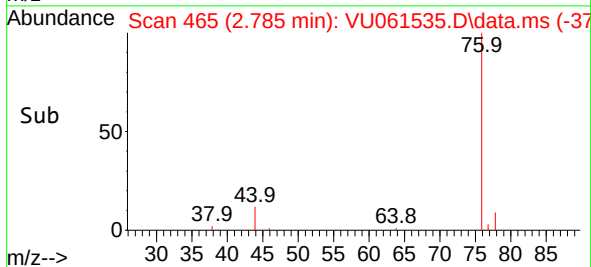
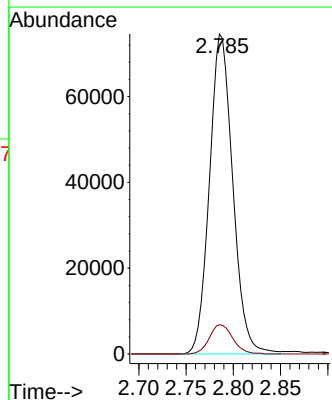
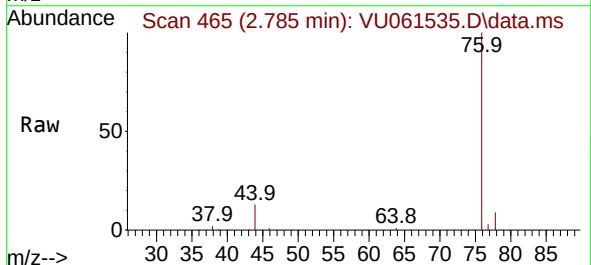
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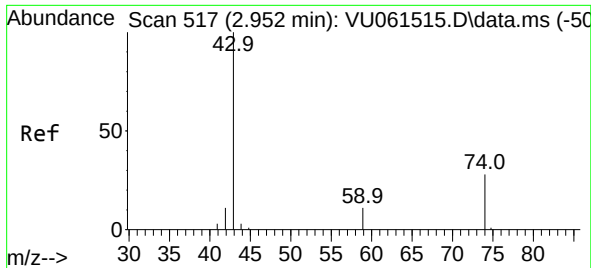
Tgt Ion: 76 Resp: 128031

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

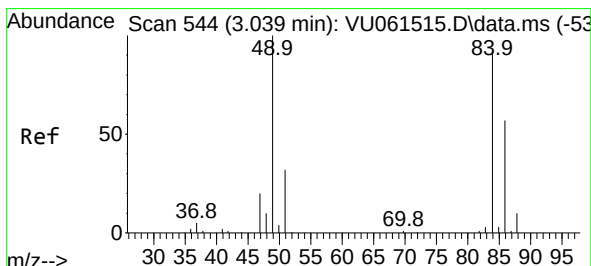
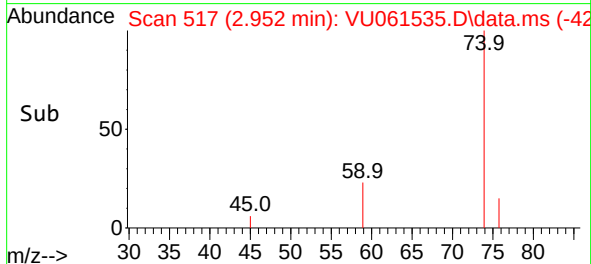
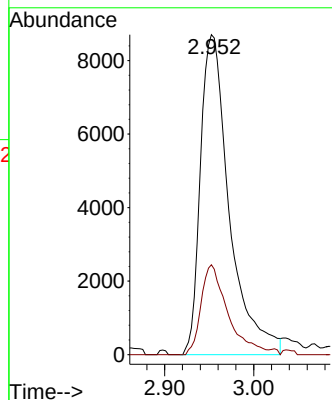
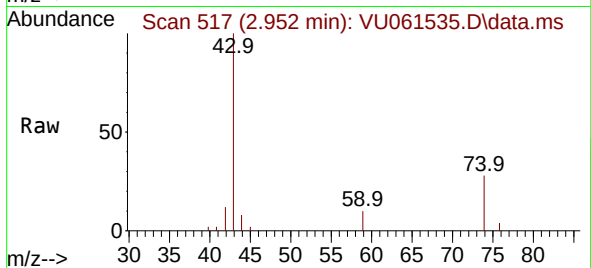




#15
Methyl Acetate
Concen: 5.277 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

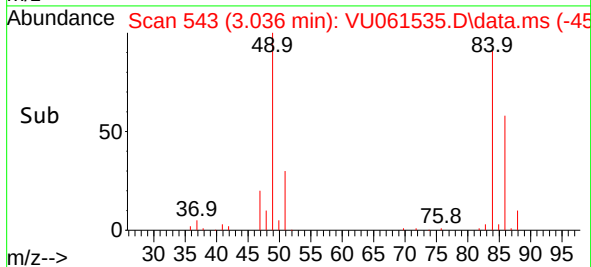
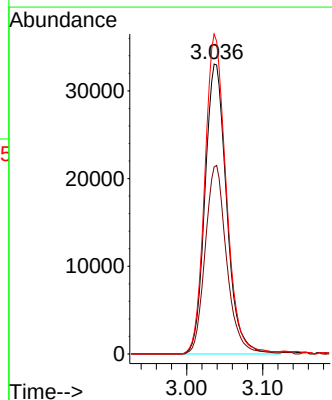
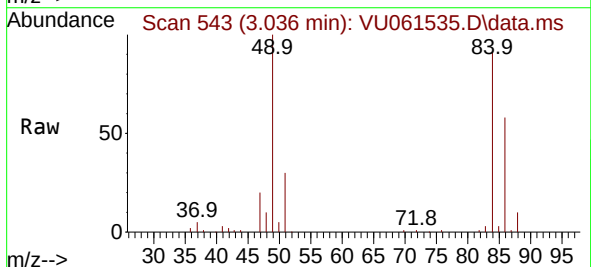
Instrument :
MSVOA_U
ClientSampleId :

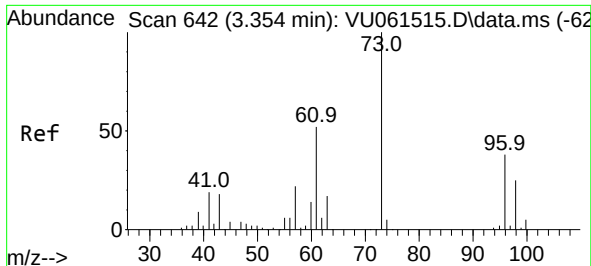
Tgt Ion: 43 Resp: 19664
Ion Ratio Lower Upper
43 100
74 26.1 22.2 33.4



#16
Methylene chloride
Concen: 5.442 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 84 Resp: 65316
Ion Ratio Lower Upper
84 100
86 64.5 43.5 80.7
49 110.4 75.7 140.7

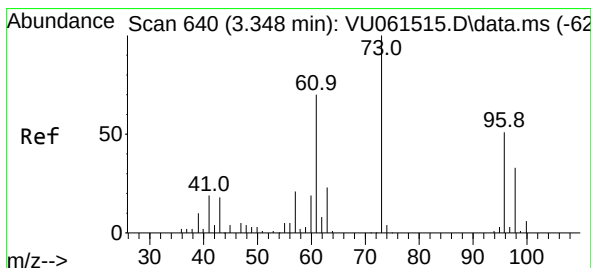
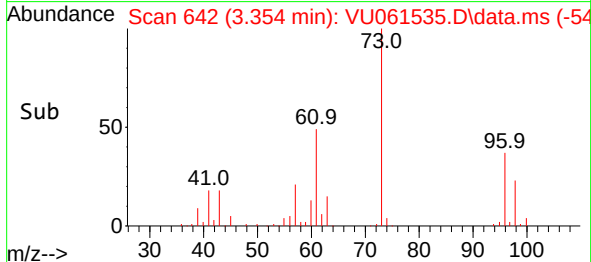
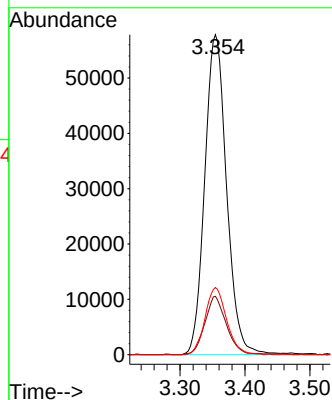
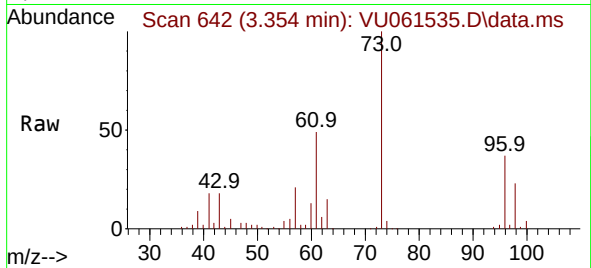




#17
Methyl tert-butyl Ether
Concen: 4.903 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

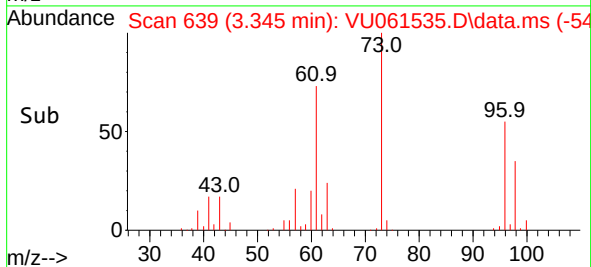
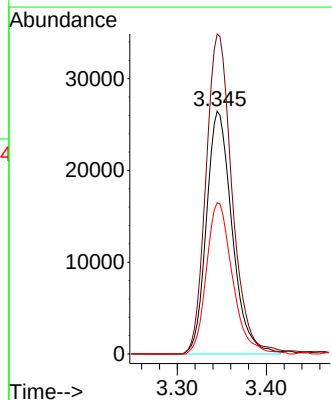
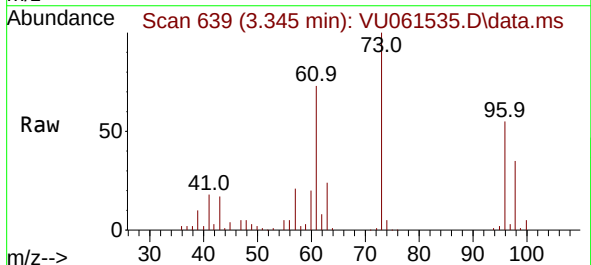
Instrument :
MSVOA_U
ClientSampleId :

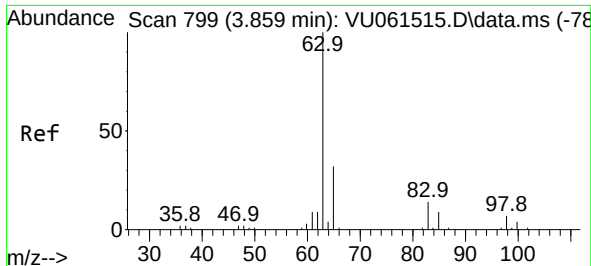
Tgt Ion: 73 Resp: 135358
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 20.8 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.700 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 96 Resp: 52939
Ion Ratio Lower Upper
96 100
61 131.7 97.9 181.7
98 62.3 46.2 85.8

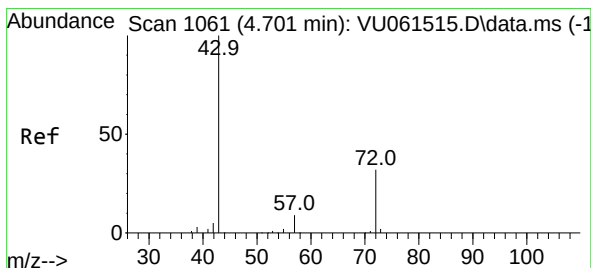
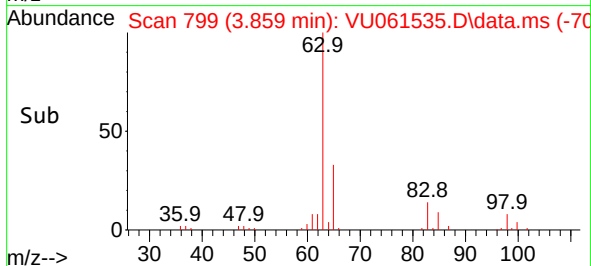
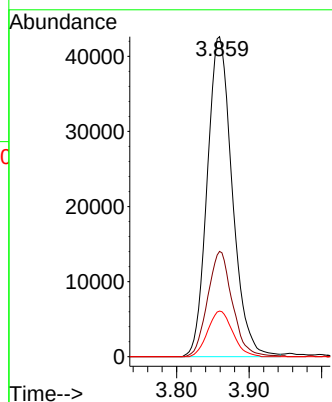
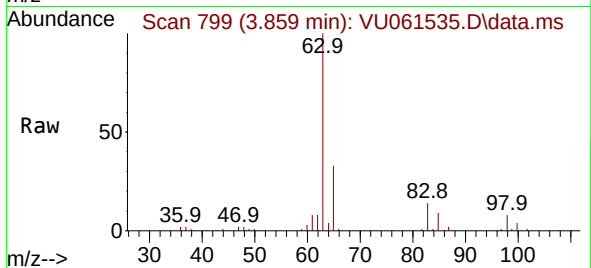




#19
1,1-Dichloroethane
Concen: 4.815 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

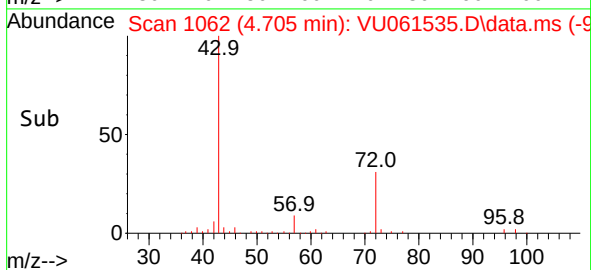
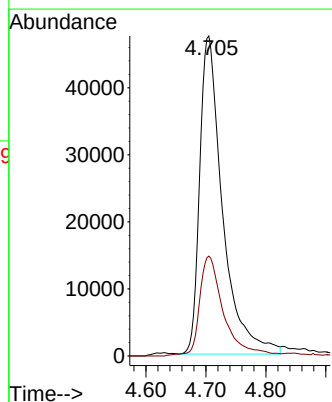
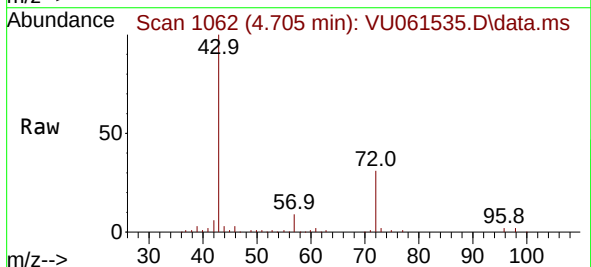
Instrument :
MSVOA_U
ClientSampleId :

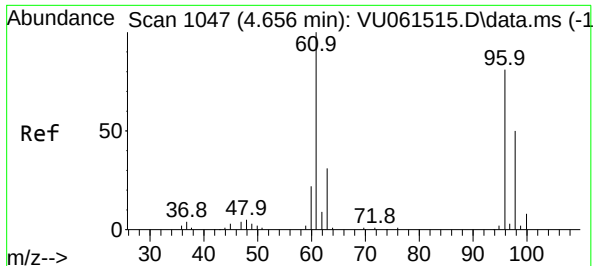
Tgt Ion: 63 Resp: 102272
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.6
83 14.3 9.7 17.9



#21
2-Butanone
Concen: 52.747 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 43 Resp: 125838
Ion Ratio Lower Upper
43 100
72 33.0 15.9 47.6





#22

cis-1,2-Dichloroethene

Concen: 5.386 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

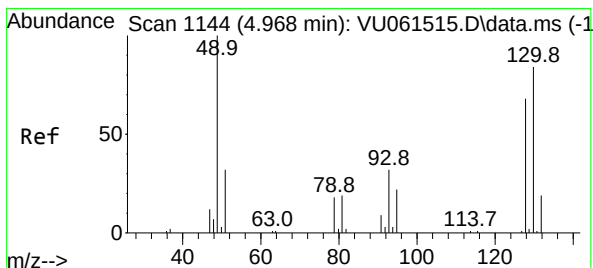
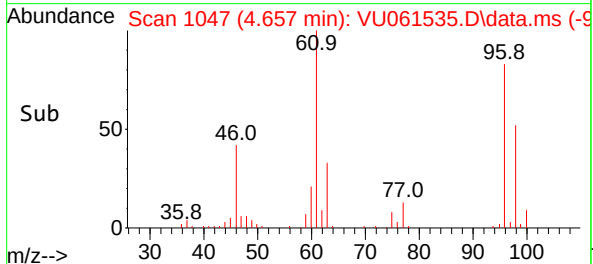
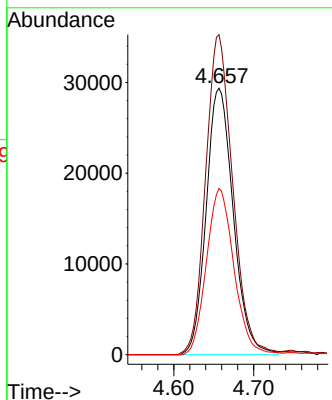
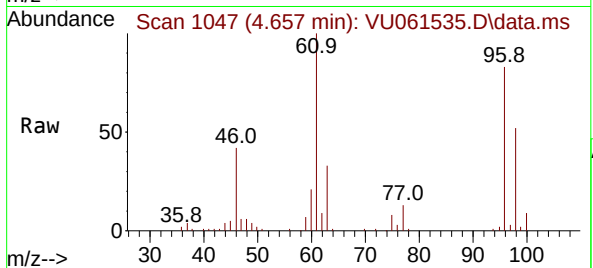
Tgt Ion: 96 Resp: 69285

Ion Ratio Lower Upper

96 100

61 120.1 88.1 163.5

98 62.4 45.0 83.6



#23

Bromochloromethane

Concen: 5.222 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Tgt Ion: 128 Resp: 28266

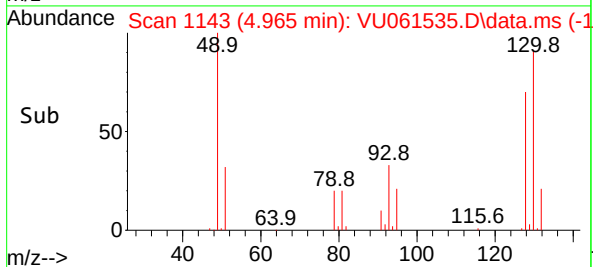
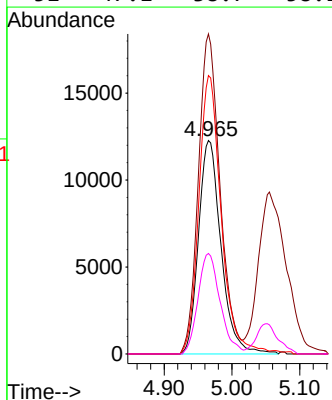
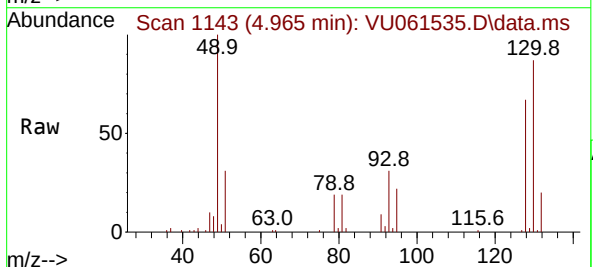
Ion Ratio Lower Upper

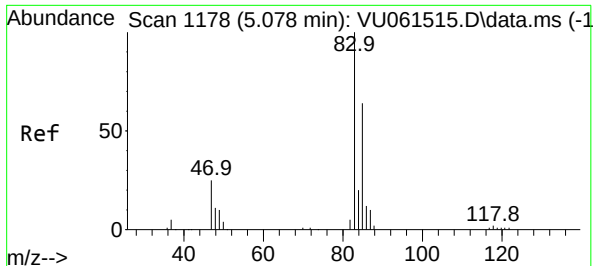
128 100

49 150.0 105.1 195.1

130 130.5 89.6 166.4

51 47.1 38.7 58.1





#25

Chloroform

Concen: 5.038 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

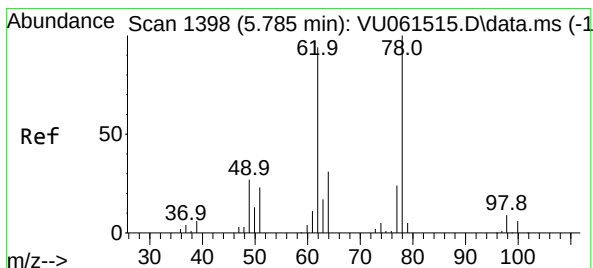
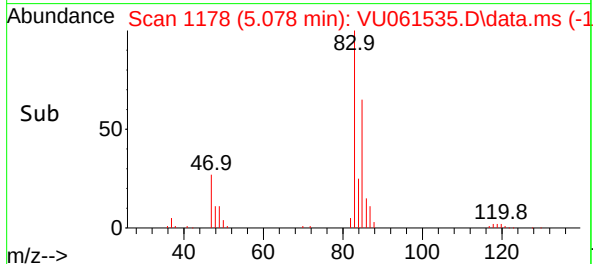
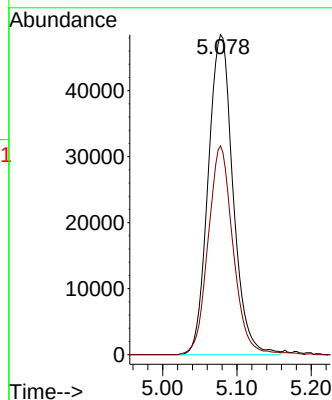
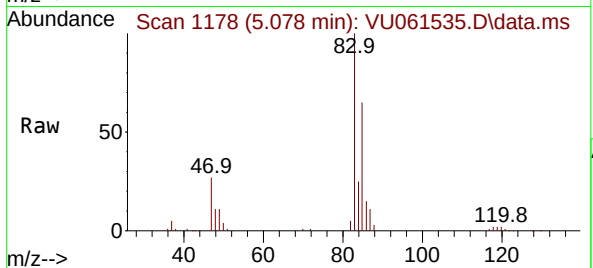
ClientSampleId :

Tgt Ion: 83 Resp: 112520

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.949 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061535.D

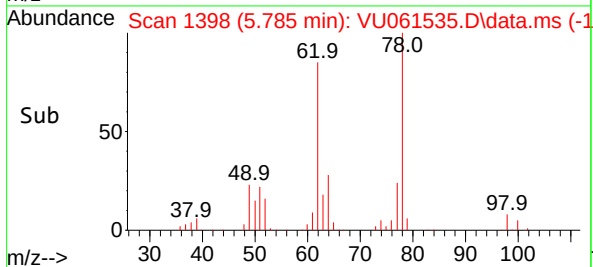
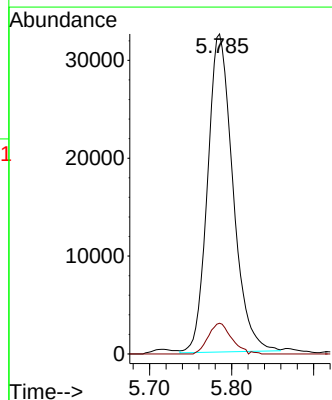
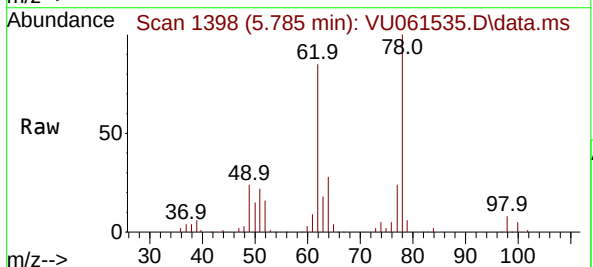
Acq: 07 Nov 2024 21:11

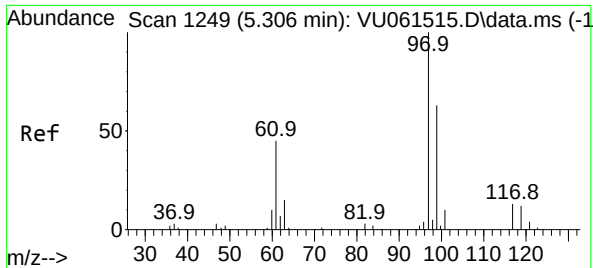
Tgt Ion: 62 Resp: 69854

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0

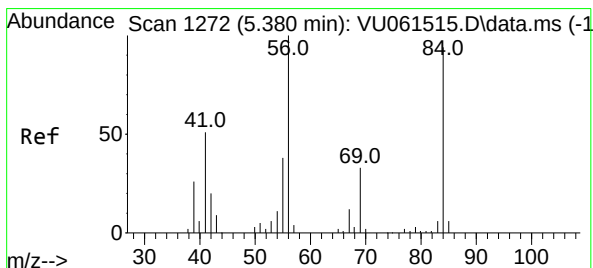
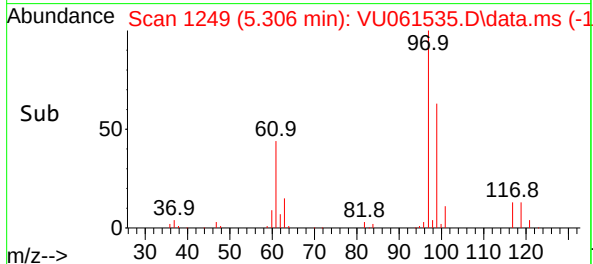
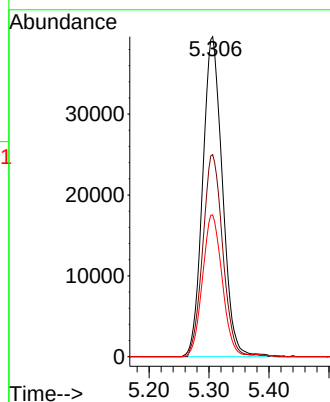
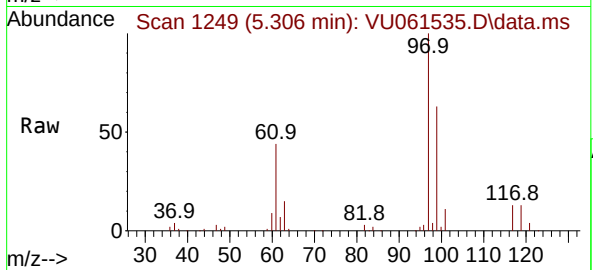




#29
1,1,1-Trichloroethane
Concen: 4.594 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

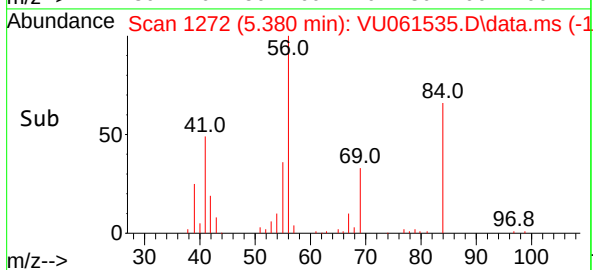
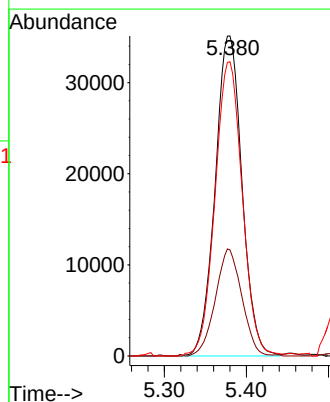
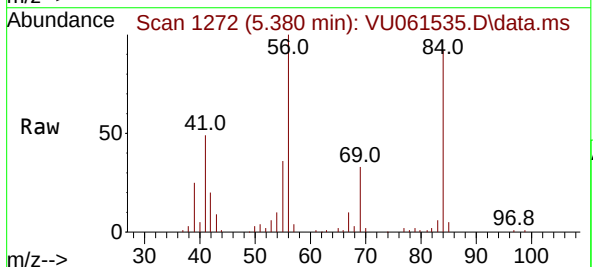
Instrument :
MSVOA_U
ClientSampleId :

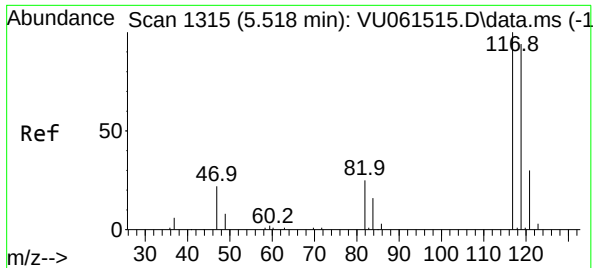
Tgt Ion:	97	Resp:	90883
Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.8	76.2
61	44.0	36.1	54.1



#30
Cyclohexane
Concen: 4.022 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion:	56	Resp:	79797
Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.8	38.6
84	93.4	73.9	110.9

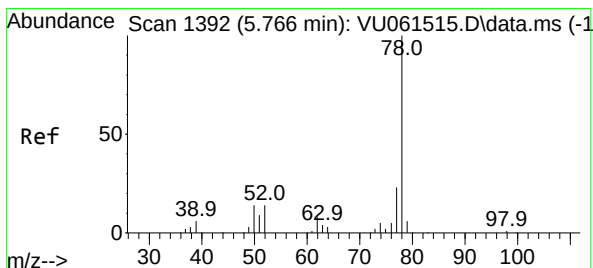
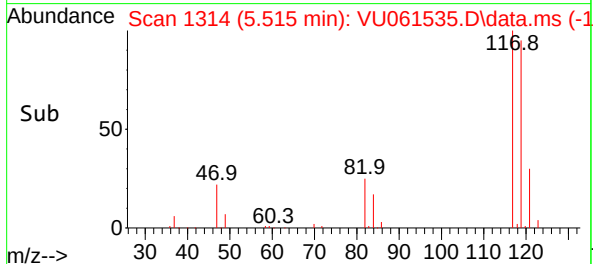
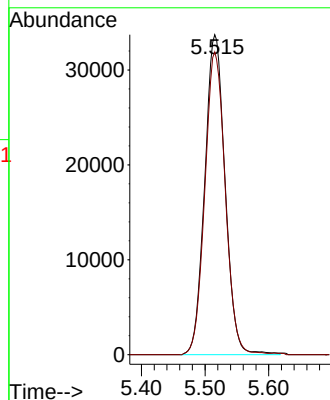
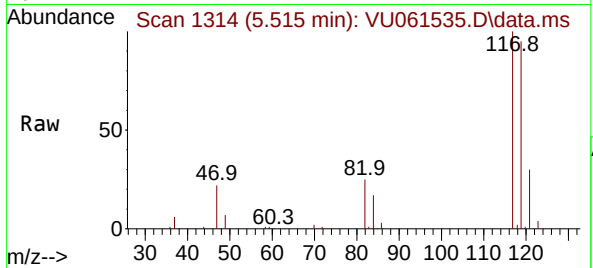




#31
Carbon tetrachloride
Concen: 4.425 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

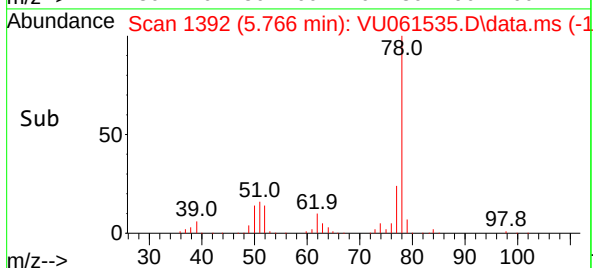
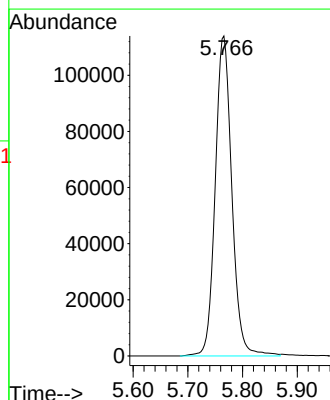
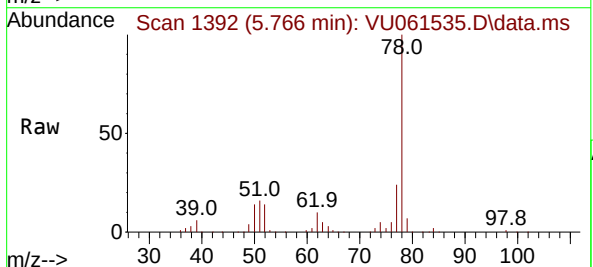
Instrument :
MSVOA_U
ClientSampleId :

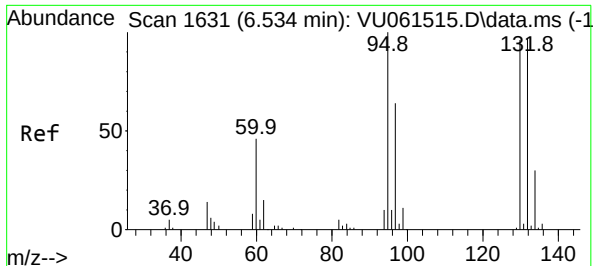
Tgt Ion:117 Resp: 74901
Ion Ratio Lower Upper
117 100
119 95.1 75.5 113.3



#33
Benzene
Concen: 4.809 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 78 Resp: 240244

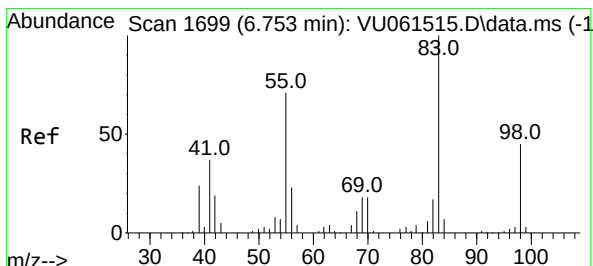
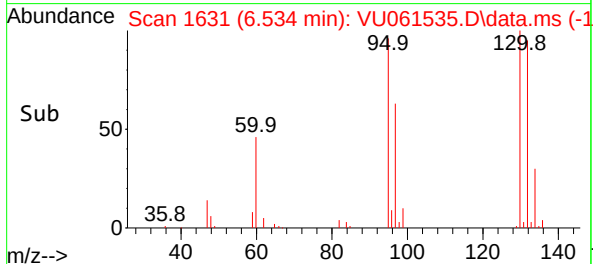
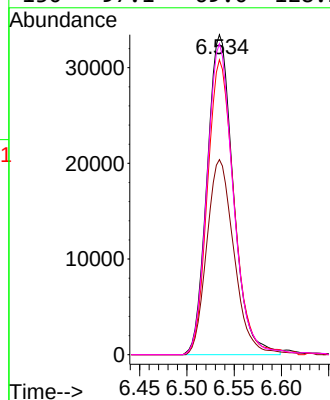
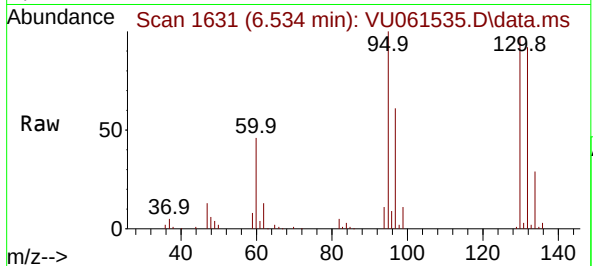




#34
Trichloroethene
Concen: 4.754 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

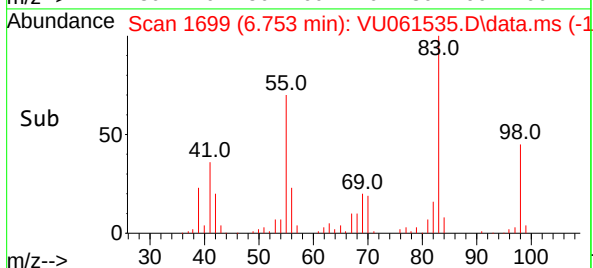
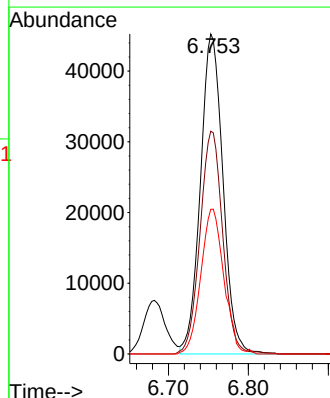
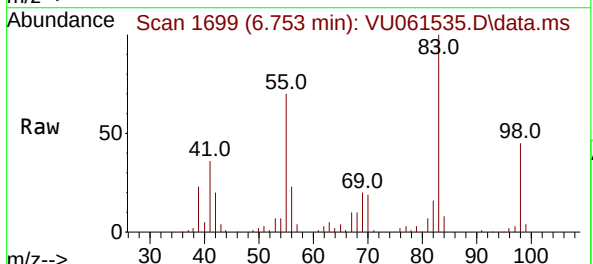
Instrument :
MSVOA_U
ClientSampleId :

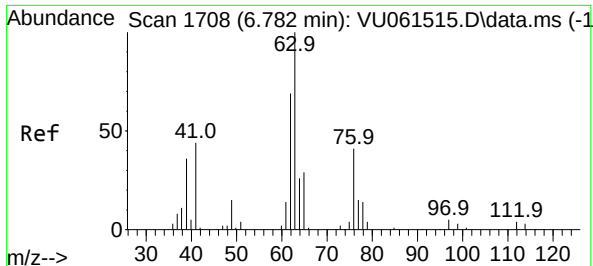
Tgt Ion: 95 Resp: 64601
Ion Ratio Lower Upper
95 100
97 60.9 46.1 85.7
132 92.2 66.1 122.7
130 97.1 69.0 128.2



#35
Methylcyclohexane
Concen: 4.106 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 83 Resp: 88811
Ion Ratio Lower Upper
83 100
55 70.0 55.9 83.9
98 46.0 35.9 53.9

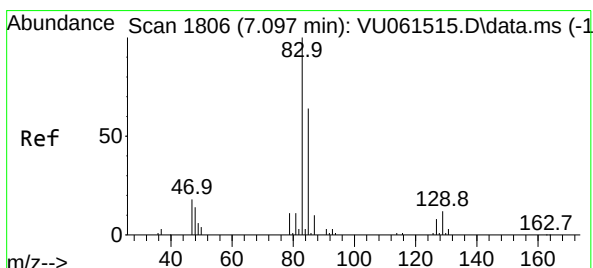
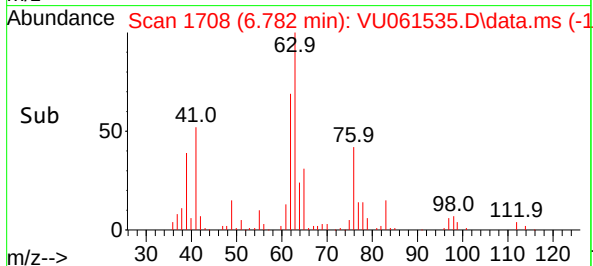
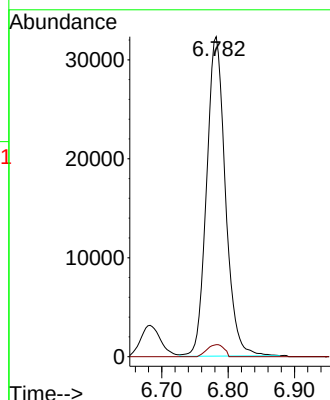
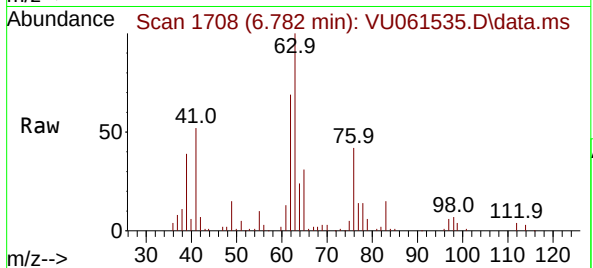




#37
1,2-Dichloropropane
Concen: 5.030 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

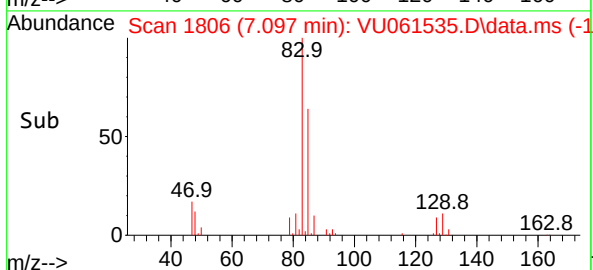
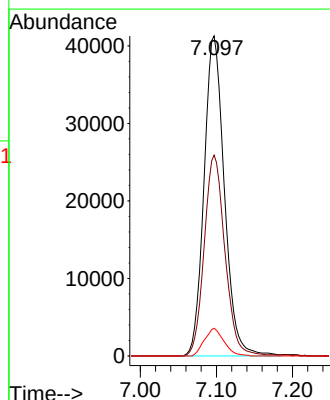
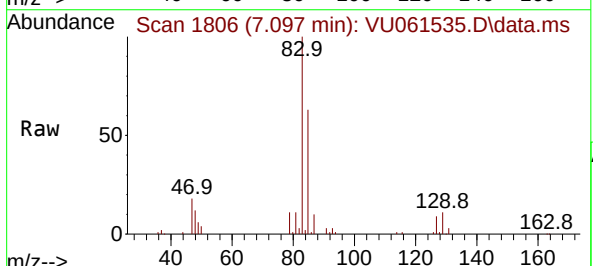
Instrument :
MSVOA_U
ClientSampleId :

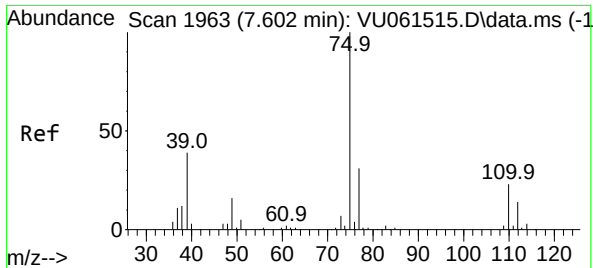
Tgt Ion: 63 Resp: 63700
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 4.796 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 83 Resp: 76868
Ion Ratio Lower Upper
83 100
85 62.8 43.8 81.4
127 8.6 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 4.547 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

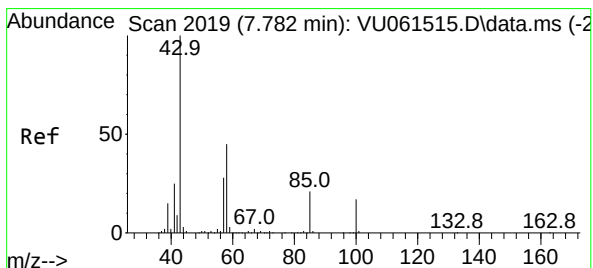
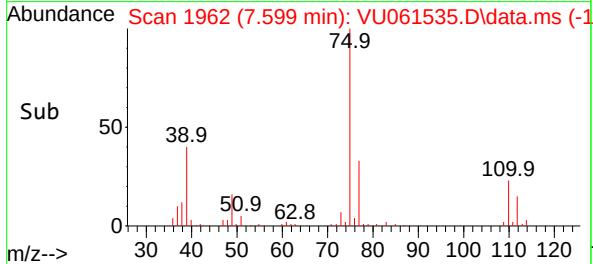
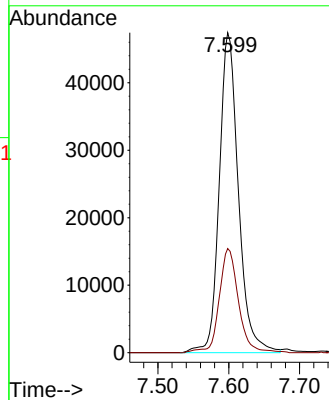
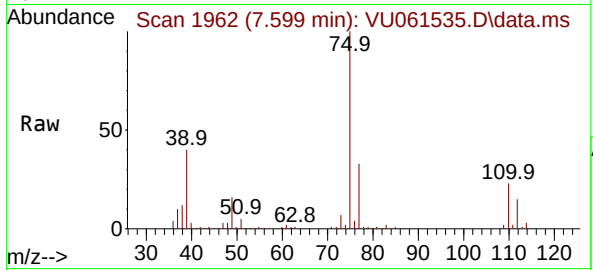
ClientSampleId :

Tgt Ion: 75 Resp: 88935

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 51.984 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

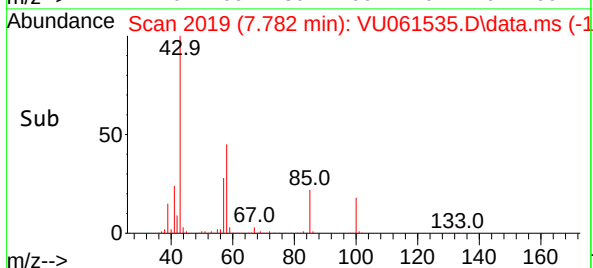
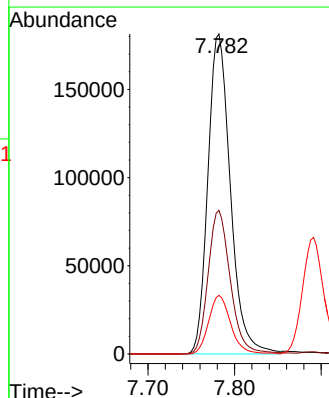
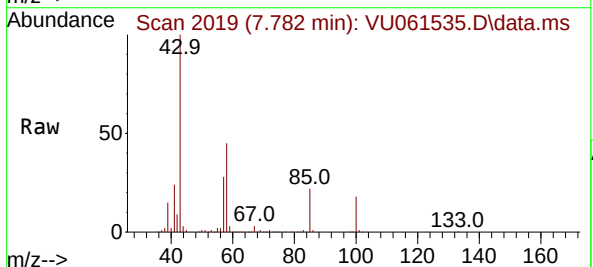
Tgt Ion: 43 Resp: 327631

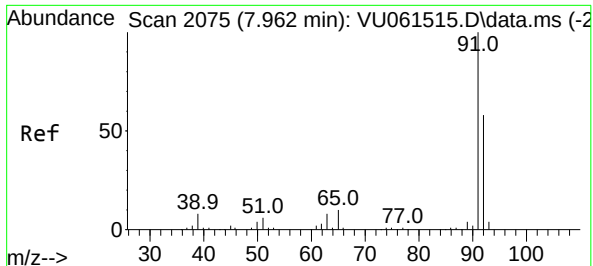
Ion Ratio Lower Upper

43 100

58 44.5 35.1 52.7

100 18.0 14.0 21.0





#42

Toluene

Concen: 4.775 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

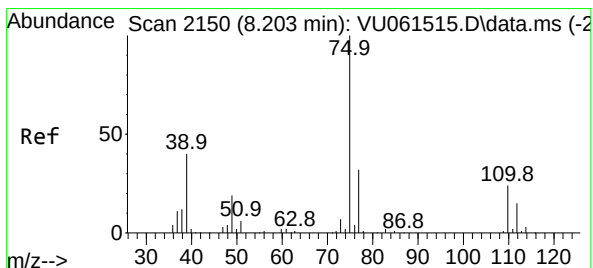
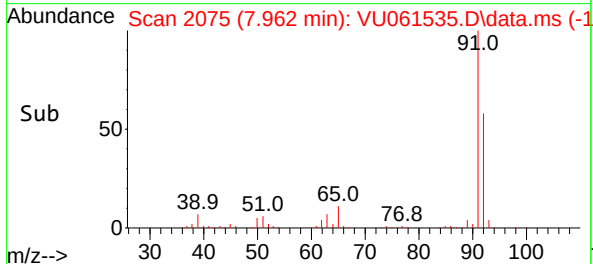
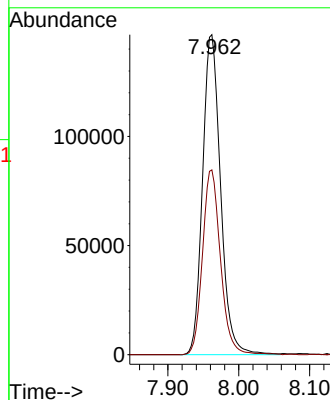
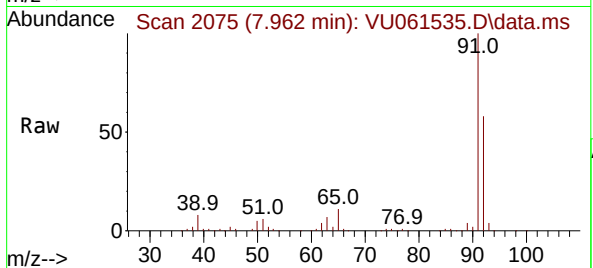
ClientSampleId :

Tgt Ion: 91 Resp: 259047

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.420 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061535.D

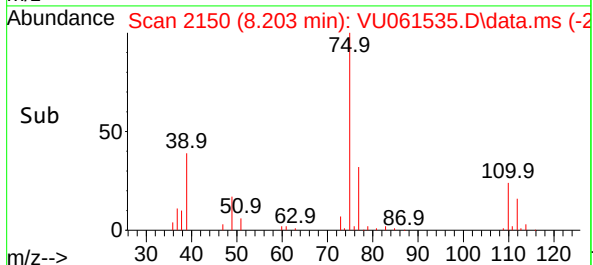
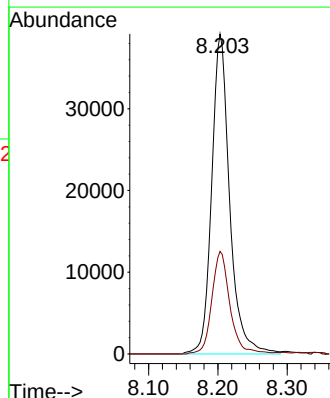
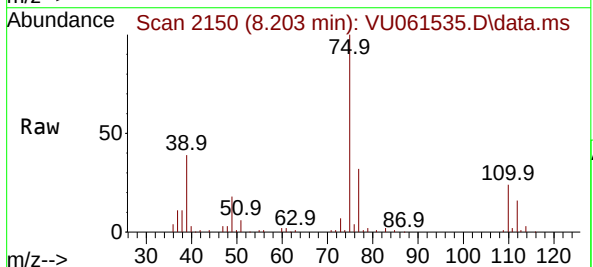
Acq: 07 Nov 2024 21:11

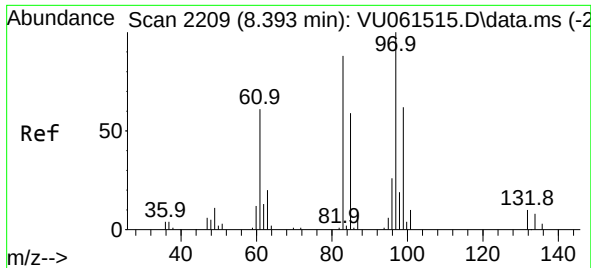
Tgt Ion: 75 Resp: 70431

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8

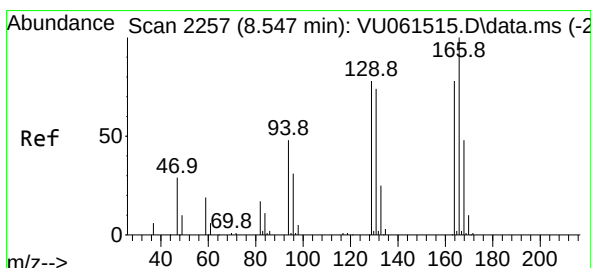
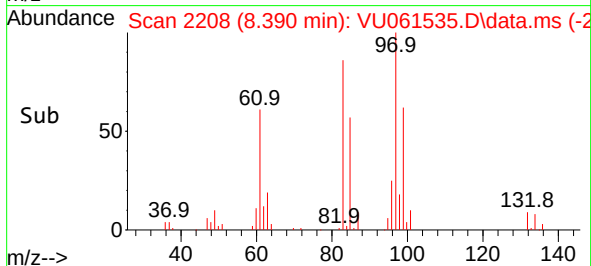
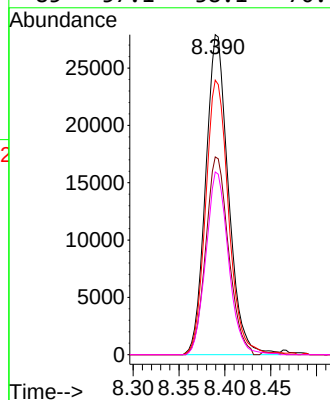
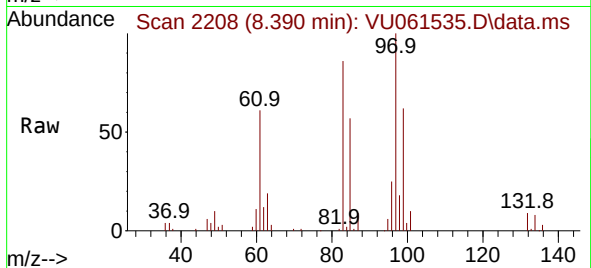




#45
1,1,2-Trichloroethane
Concen: 5.293 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

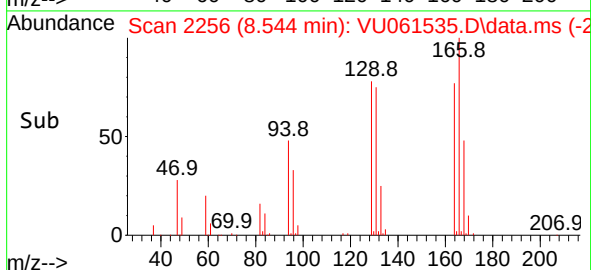
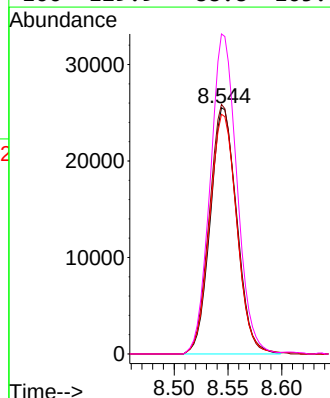
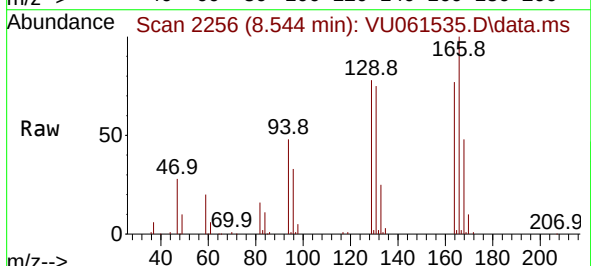
Instrument :
MSVOA_U
ClientSampleId :

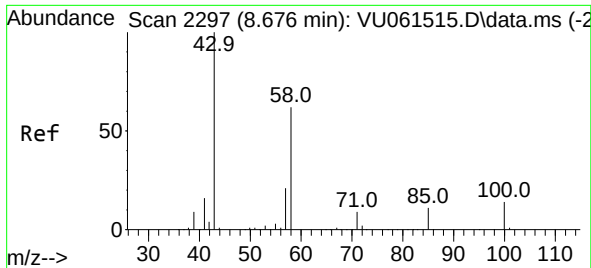
Tgt Ion:	97	Resp:	48239
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.1	81.9
83	85.8	61.2	113.6
85	57.1	38.1	70.7



#47
Tetrachloroethene
Concen: 4.616 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion:	164	Resp:	43816
Ion	Ratio	Lower	Upper
164	100		
129	101.3	69.9	129.7
131	97.3	68.3	126.8
166	129.9	88.8	165.0

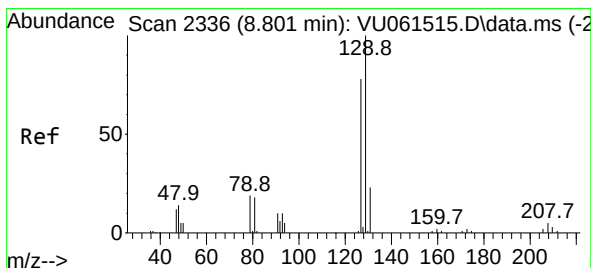
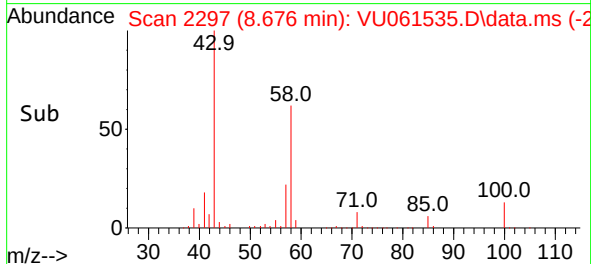
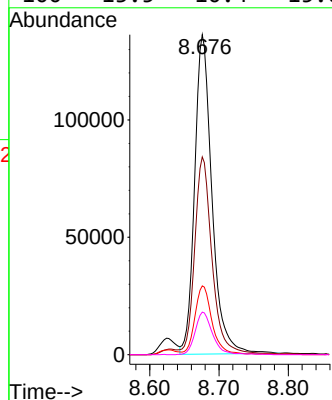
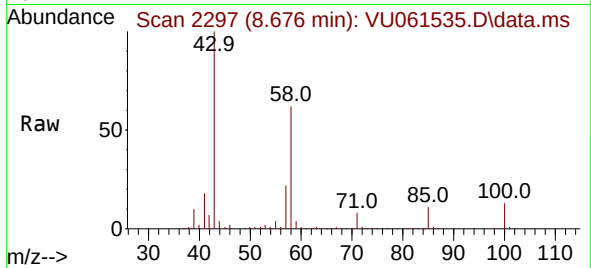




#48
2-Hexanone
Concen: 53.287 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

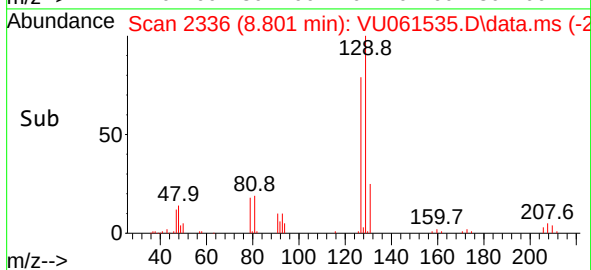
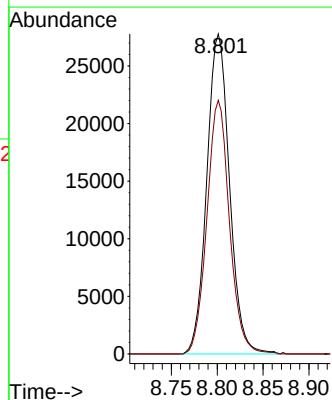
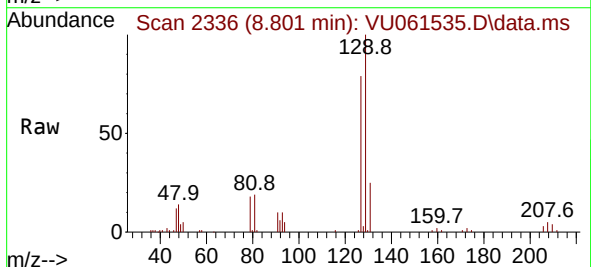
Instrument :
MSVOA_U
ClientSampleId :

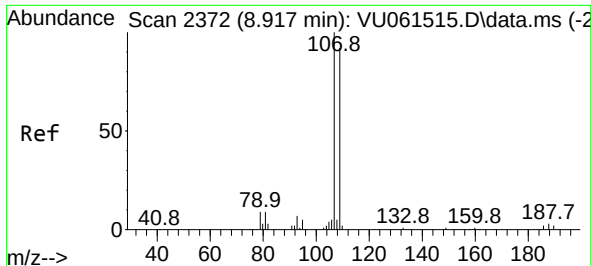
Tgt Ion: 43 Resp: 237490
Ion Ratio Lower Upper
43 100
58 60.9 48.6 72.8
57 20.7 17.0 25.6
100 13.5 10.4 15.6



#49
Dibromochloromethane
Concen: 4.640 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion: 129 Resp: 47962
Ion Ratio Lower Upper
129 100
127 79.2 51.8 96.2

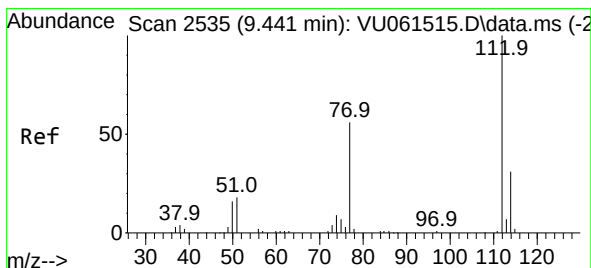
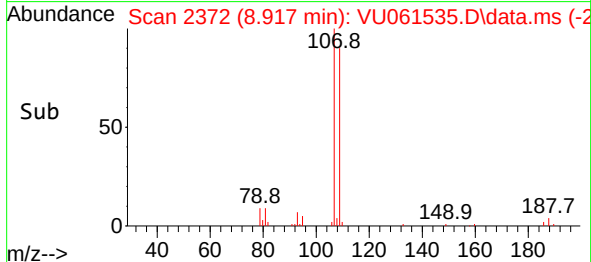
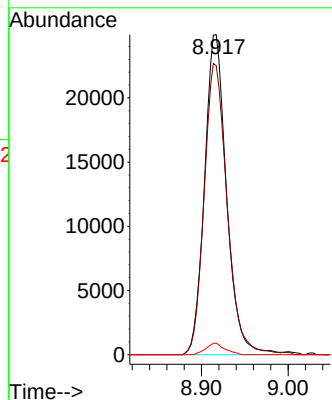
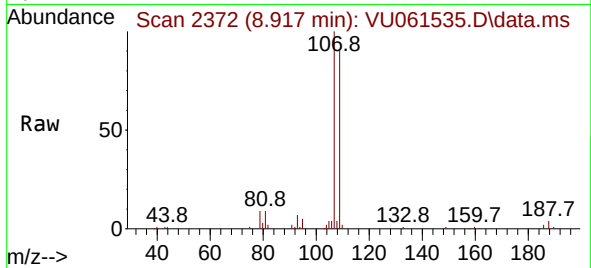




#50
1,2-Dibromoethane
Concen: 4.978 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

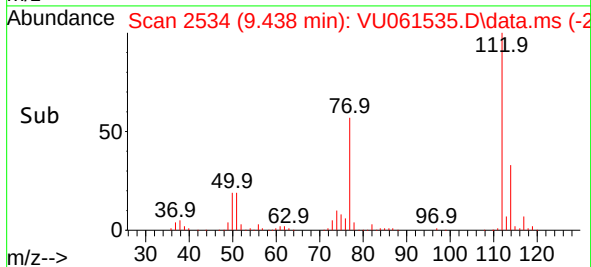
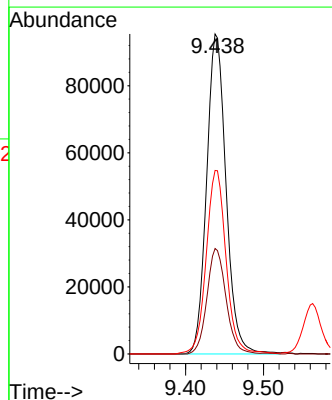
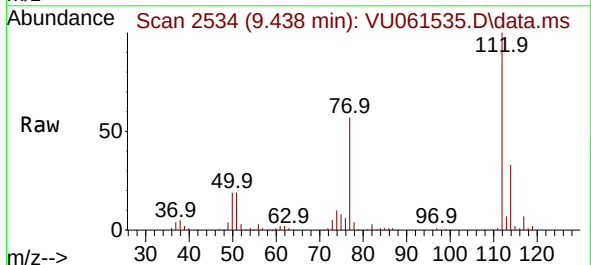
Instrument :
MSVOA_U
ClientSampleId :

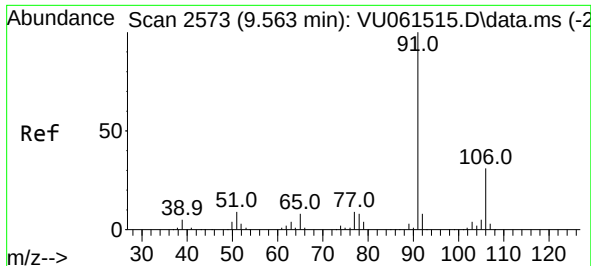
Tgt Ion:107 Resp: 44069
Ion Ratio Lower Upper
107 100
109 90.3 63.4 117.8
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 4.828 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion:112 Resp: 165546
Ion Ratio Lower Upper
112 100
114 32.9 22.9 42.5
77 57.4 47.1 70.7





#52

Ethylbenzene

Concen: 4.703 ug/L

RT: 9.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

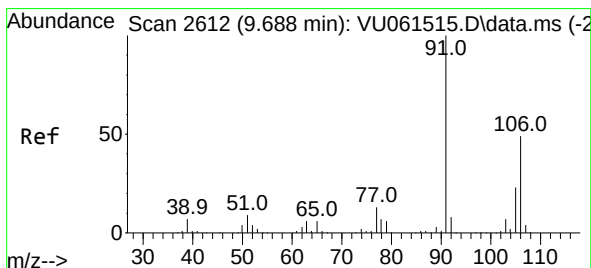
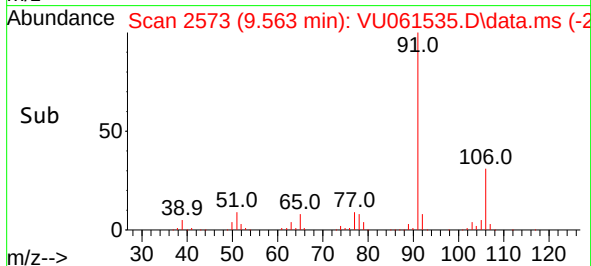
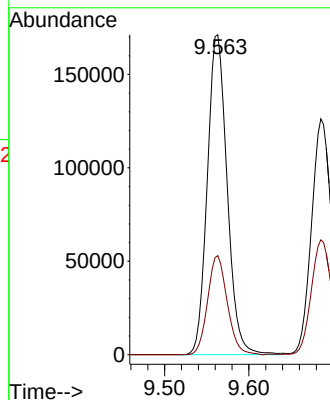
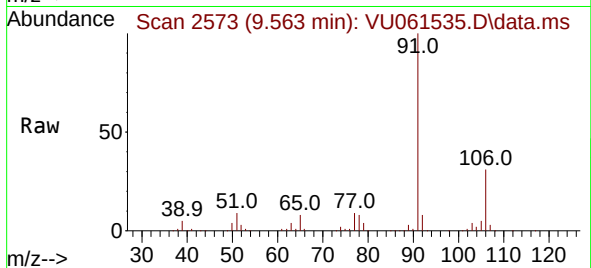
ClientSampleId :

Tgt Ion: 91 Resp: 280685

Ion Ratio Lower Upper

91 100

106 30.9 22.0 41.0



#53

m,p-Xylene

Concen: 4.629 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061535.D

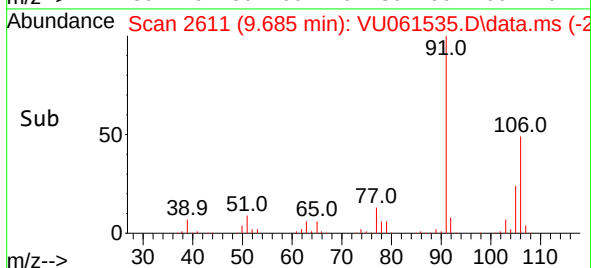
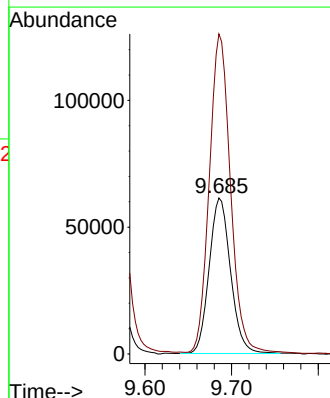
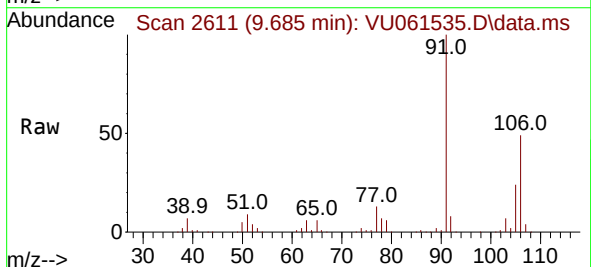
Acq: 07 Nov 2024 21:11

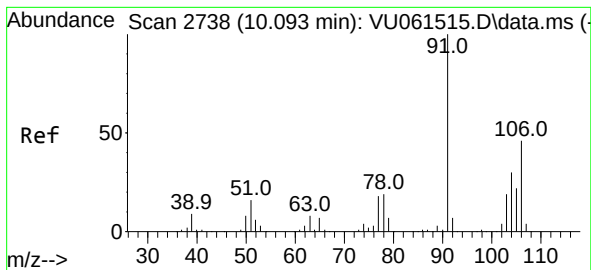
Tgt Ion:106 Resp: 105249

Ion Ratio Lower Upper

106 100

91 205.2 145.7 270.7





#54

o-Xylene

Concen: 4.688 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

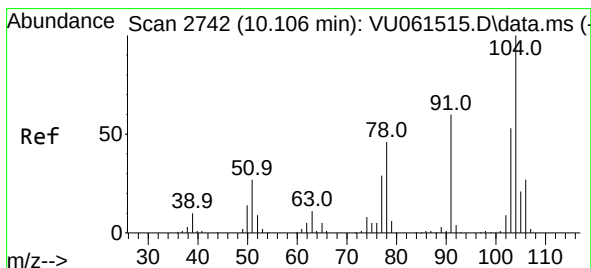
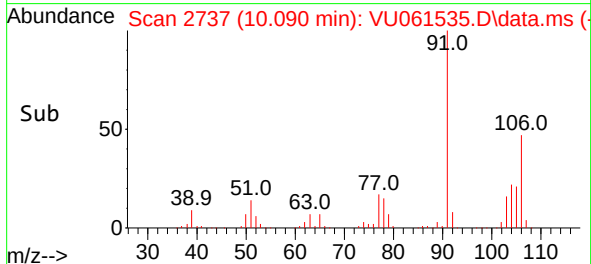
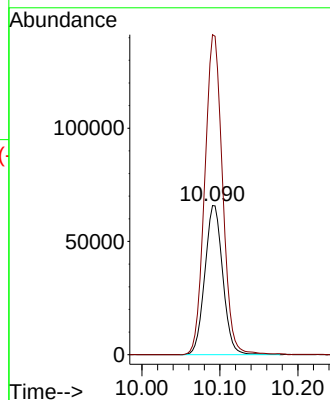
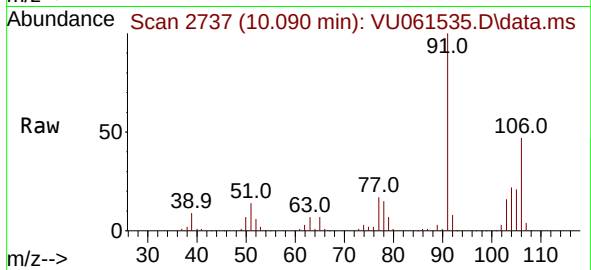
ClientSampleId :

Tgt Ion:106 Resp: 105181

Ion Ratio Lower Upper

106 100

91 214.7 148.8 276.4



#55

Styrene

Concen: 4.784 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061535.D

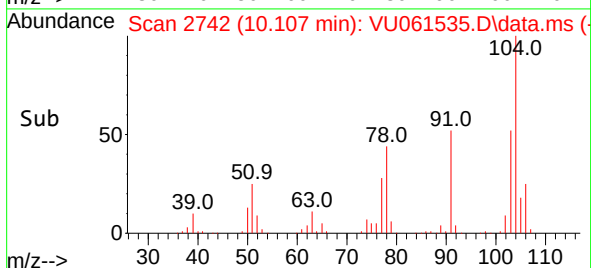
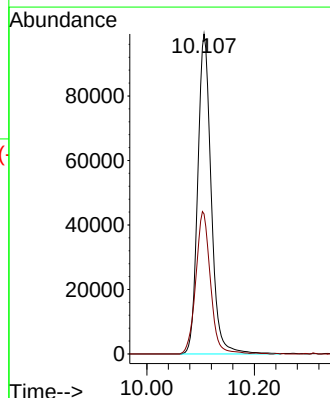
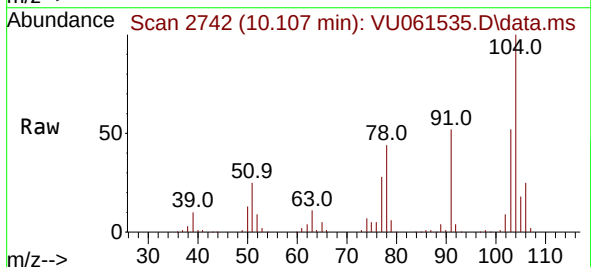
Acq: 07 Nov 2024 21:11

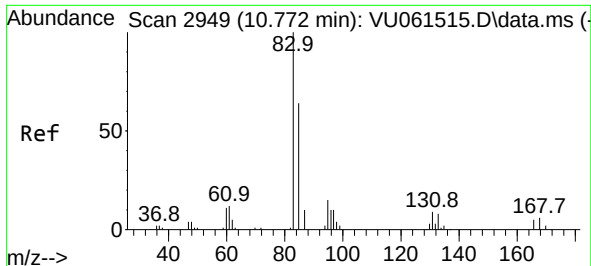
Tgt Ion:104 Resp: 172094

Ion Ratio Lower Upper

104 100

78 43.7 32.3 59.9

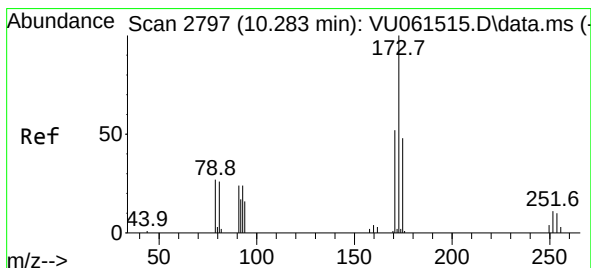
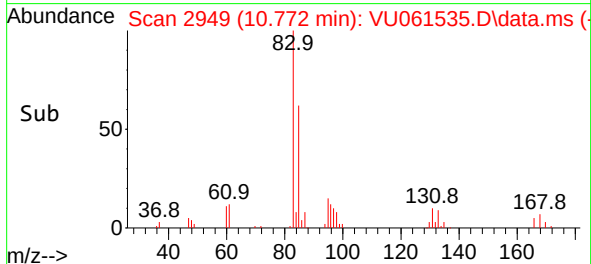
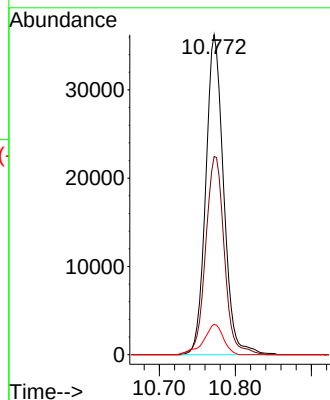
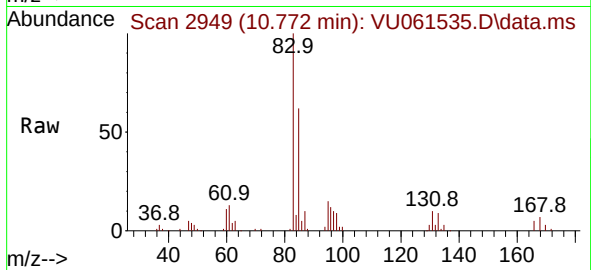




#57
1,1,2,2-Tetrachloroethane
Concen: 5.395 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

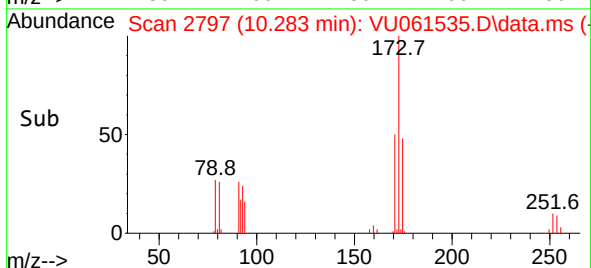
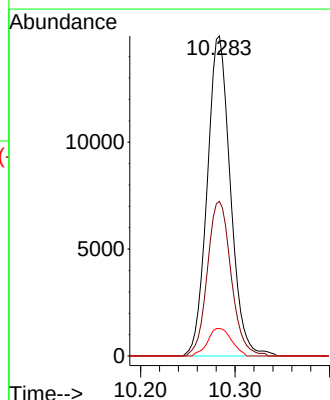
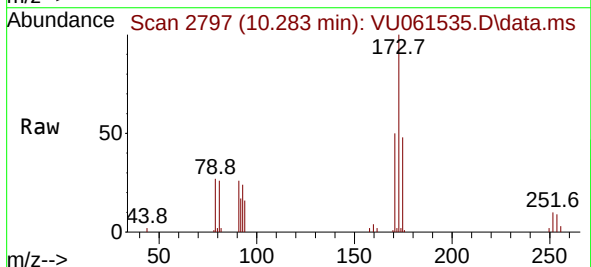
Instrument :
MSVOA_U
ClientSampleId :

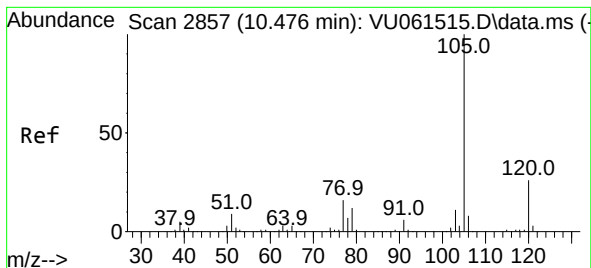
Tgt Ion: 83 Resp: 59242
Ion Ratio Lower Upper
83 100
85 62.0 45.3 84.1
131 9.5 7.6 11.4



#59
Bromoform
Concen: 4.268 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion:173 Resp: 25504
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.4
254 8.8 6.8 10.2





#60

Isopropylbenzene

Concen: 4.452 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

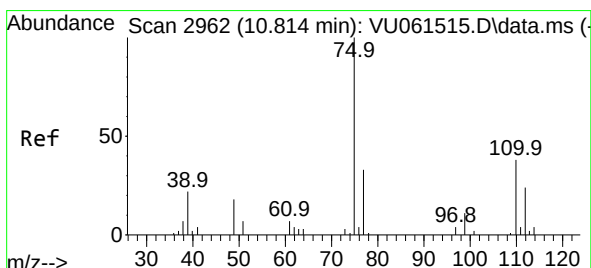
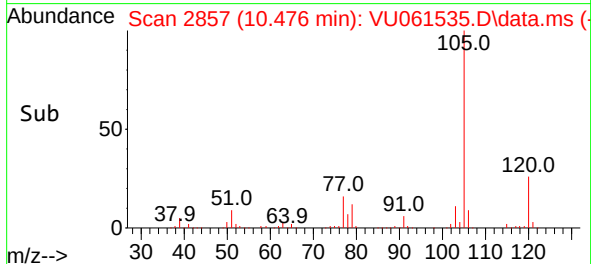
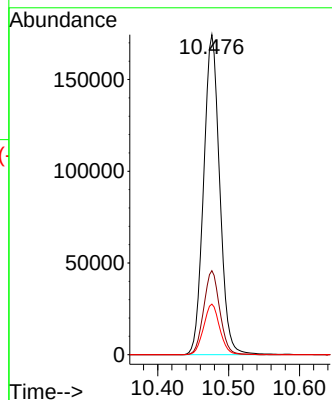
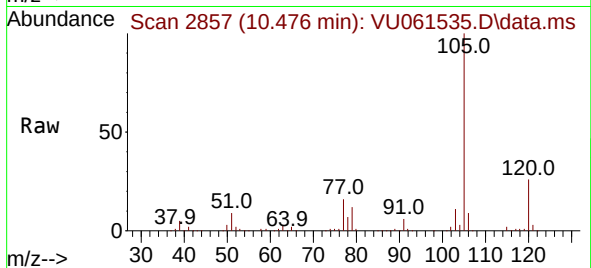
Tgt Ion:105 Resp: 274579

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.987 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

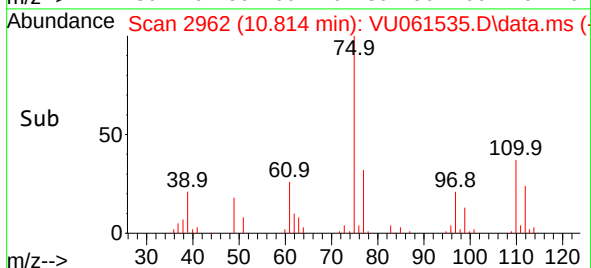
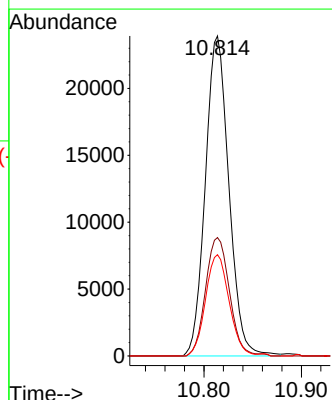
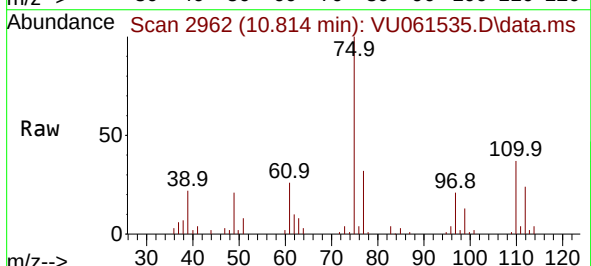
Tgt Ion: 75 Resp: 40108

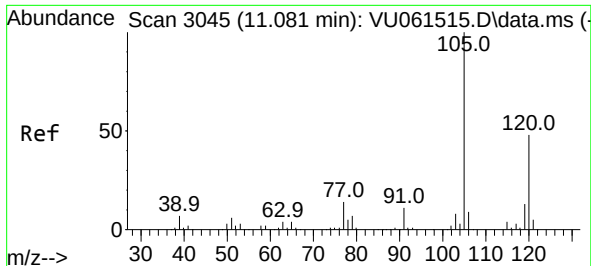
Ion Ratio Lower Upper

75 100

110 37.6 28.8 43.2

77 31.7 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.326 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

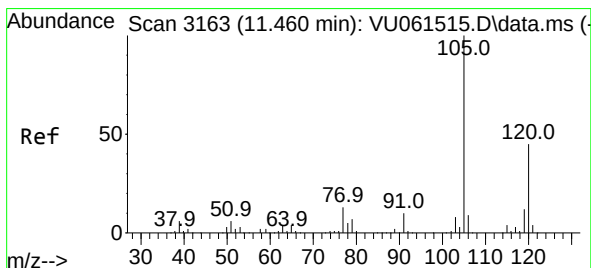
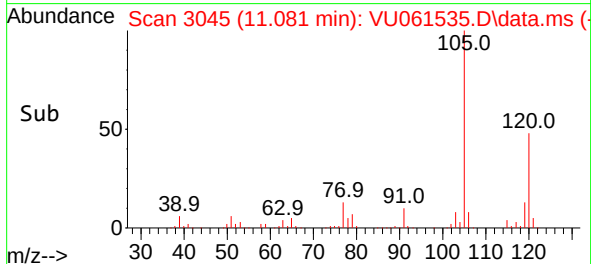
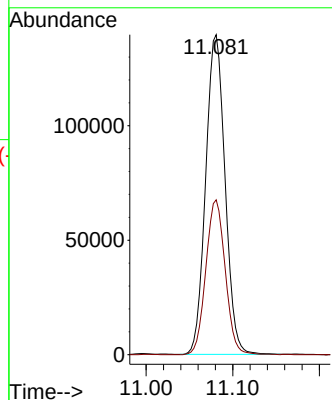
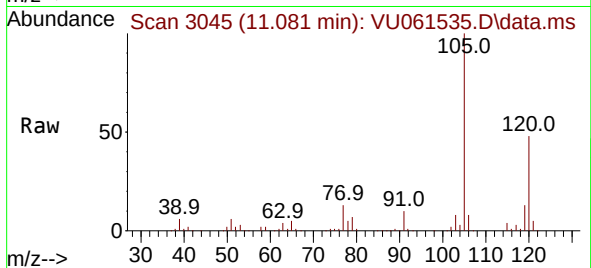
ClientSampleId :

Tgt Ion:105 Resp: 217186

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.351 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061535.D

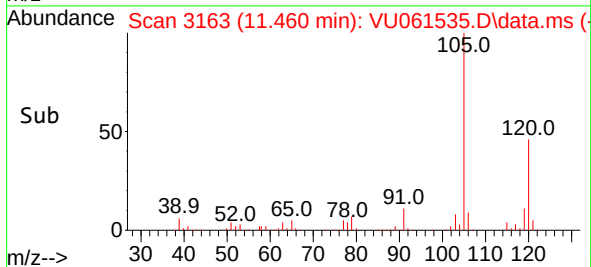
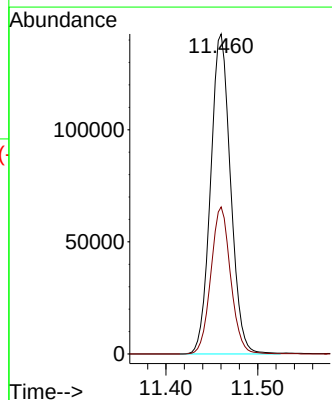
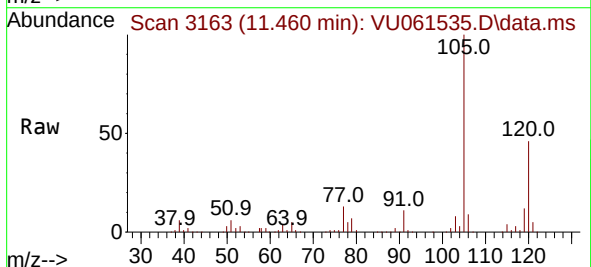
Acq: 07 Nov 2024 21:11

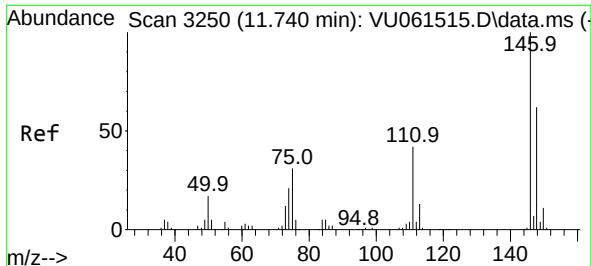
Tgt Ion:105 Resp: 215934

Ion Ratio Lower Upper

105 100

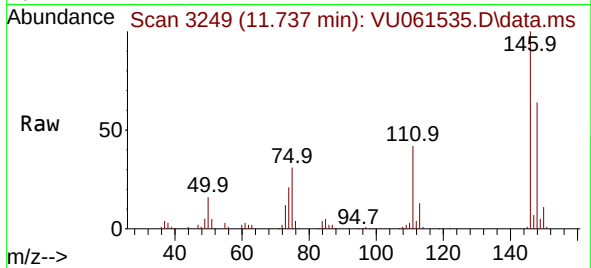
120 45.5 35.4 53.0



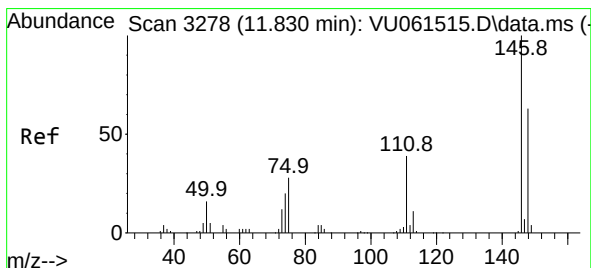
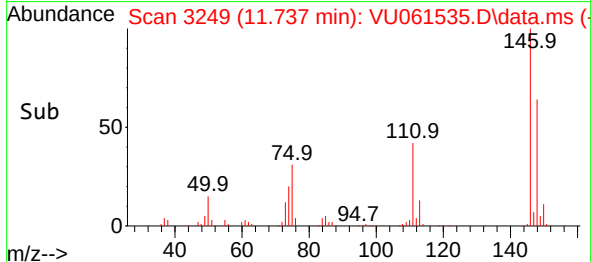
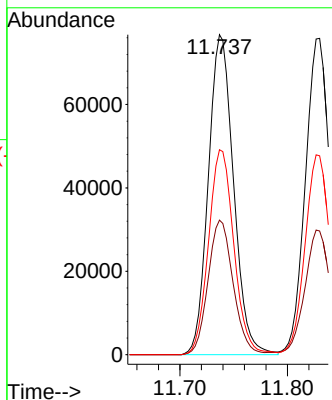


#64
1,3-Dichlorobenzene
Concen: 4.818 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Instrument :
MSVOA_U
ClientSampleId :

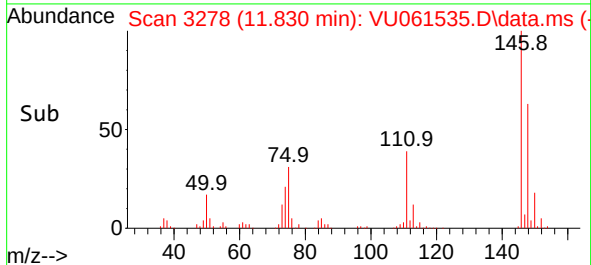
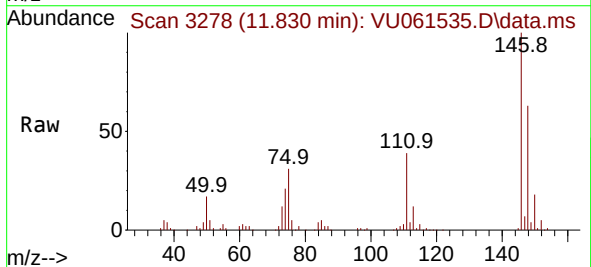
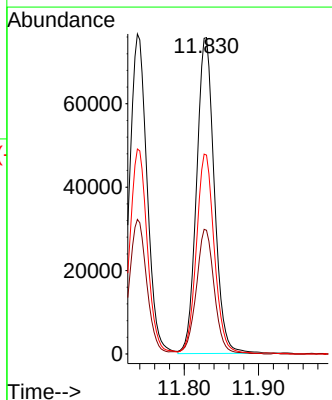


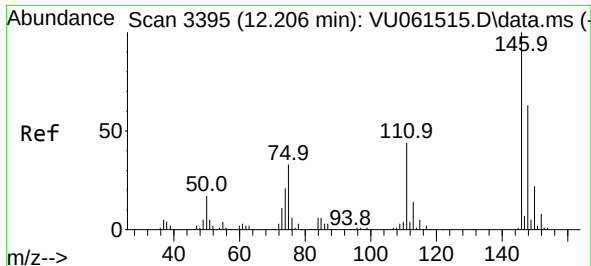
Tgt Ion:146 Resp: 125039
Ion Ratio Lower Upper
146 100
111 42.1 30.0 55.8
148 64.0 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.745 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061535.D
Acq: 07 Nov 2024 21:11

Tgt Ion:146 Resp: 125543
Ion Ratio Lower Upper
146 100
111 39.1 28.2 52.4
148 62.9 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.819 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

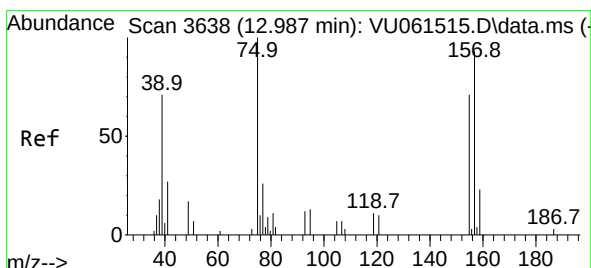
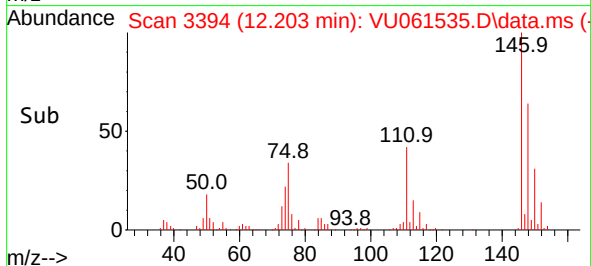
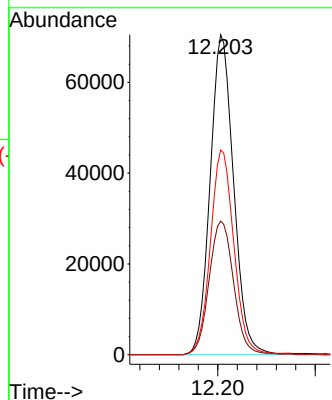
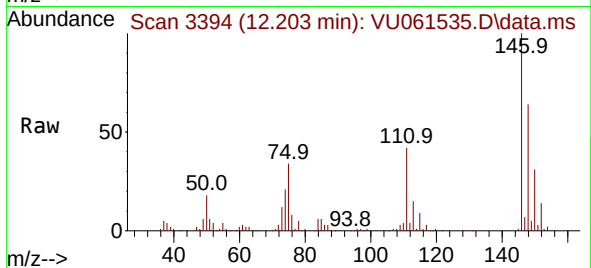
Tgt Ion:146 Resp: 117722

Ion Ratio Lower Upper

146 100

111 41.7 35.2 52.8

148 64.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.737 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

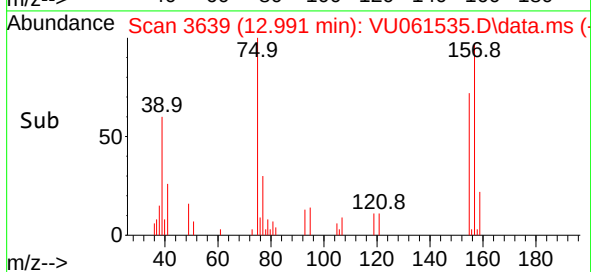
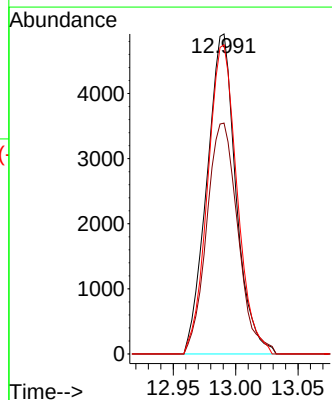
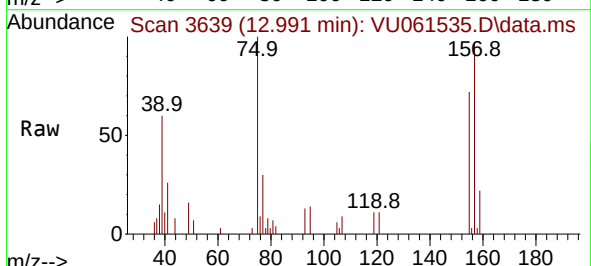
Tgt Ion: 75 Resp: 7999

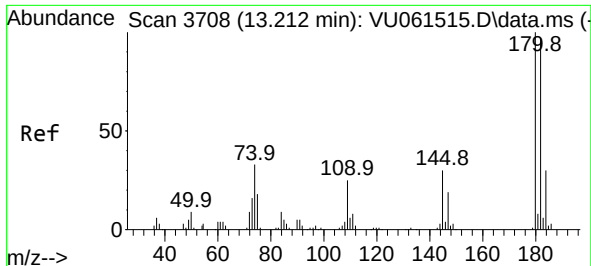
Ion Ratio Lower Upper

75 100

155 72.2 69.3 103.9

157 96.6 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 4.915 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

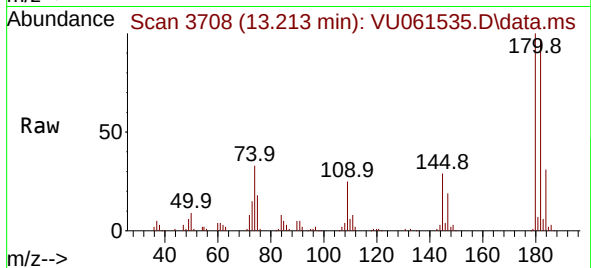
Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 87455

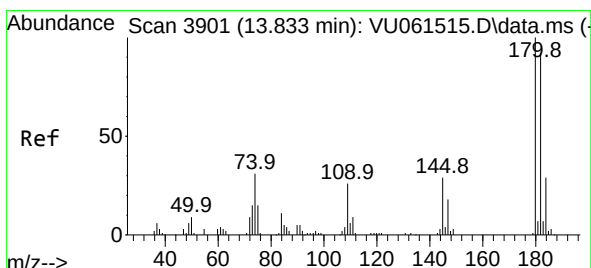
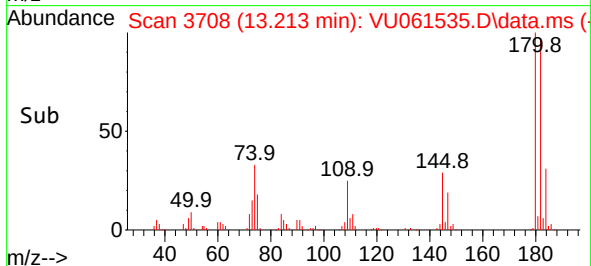
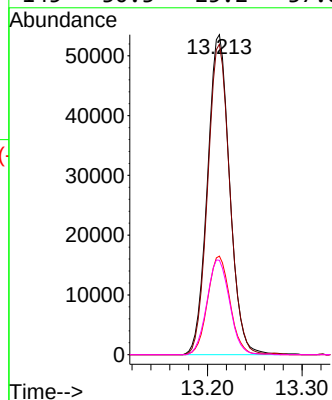
Ion Ratio Lower Upper

180 100

182 96.2 77.4 116.2

184 30.9 24.4 36.6

145 30.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.121 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

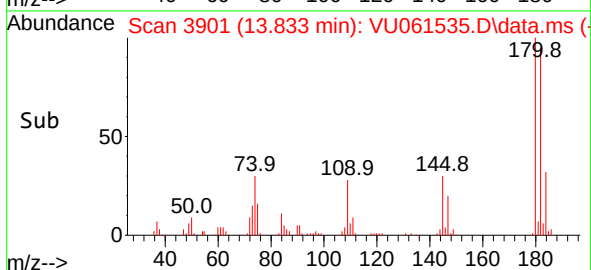
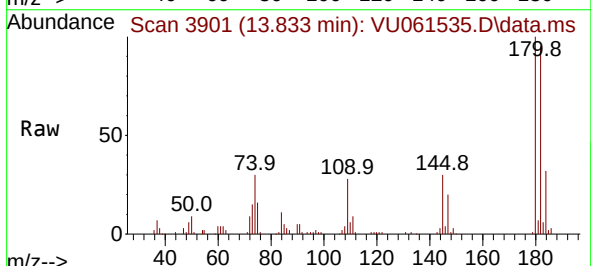
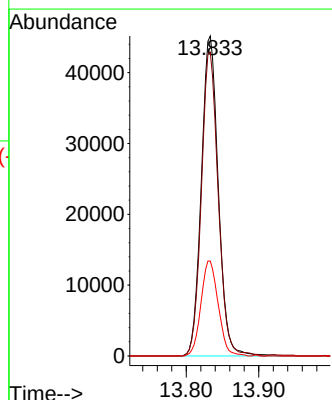
Tgt Ion:180 Resp: 73526

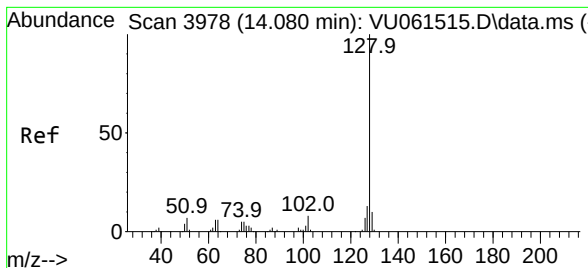
Ion Ratio Lower Upper

180 100

182 94.3 77.2 115.8

145 30.2 25.6 38.4





#71

Naphthalene

Concen: 5.385 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

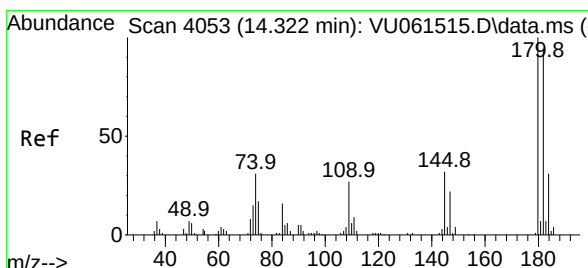
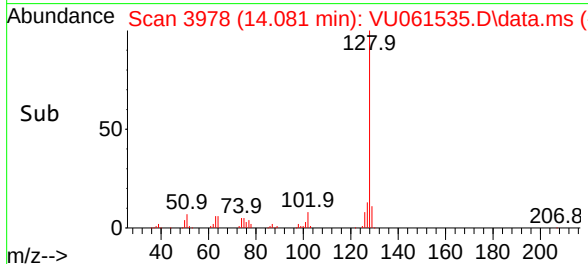
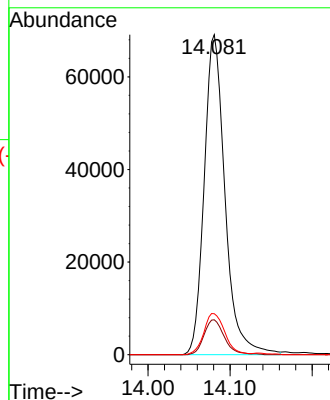
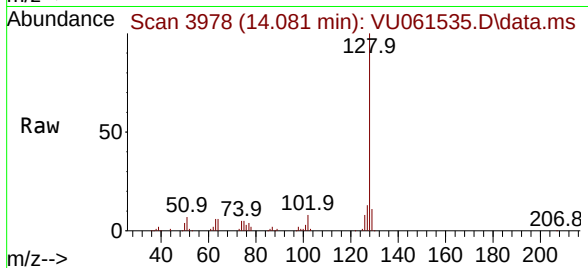
Tgt Ion:128 Resp: 121995

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 13.1 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.353 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061535.D

Acq: 07 Nov 2024 21:11

Tgt Ion:180 Resp: 64299

Ion Ratio Lower Upper

180 100

182 96.6 76.0 114.0

145 32.8 26.5 39.7

