

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061733.D
 Acq On : 16 Nov 2024 09:17
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49510	4.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	47859	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.560	65	22623	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.624	46	132961	51.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.052	84	114476	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	55852	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.718	84	223936	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	69092	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	209204	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	24986	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	109365	51.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59045	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70256	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	70323	4.996	ug/L	99
3) Chloromethane	1.515	50	63395	4.965	ug/L	99
5) Vinyl chloride	1.602	62	70341	4.992	ug/L	98
6) Bromomethane	1.856	94	40468	4.813	ug/L	97
8) Chloroethane	1.930	64	49686	5.083	ug/L	100
9) Trichlorofluoromethane	2.133	101	100998	4.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	63903	5.218	ug/L	100
12) 1,1-Dichloroethene	2.573	96	57340	5.016	ug/L	96
13) Acetone	2.644	43	100880	61.655	ug/L	100
14) Carbon disulfide	2.788	76	175677	4.784	ug/L	100
15) Methyl Acetate	2.952	43	21736	5.317	ug/L	97
16) Methylene chloride	3.039	84	65423	4.966	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	140059	4.999	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	60759	4.845	ug/L	98
19) 1,1-Dichloroethane	3.859	63	115860	5.068	ug/L	96
21) 2-Butanone	4.705	43	149518	55.952	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	71082	5.027	ug/L	96
23) Bromochloromethane	4.965	128	30972	4.931	ug/L	94
25) Chloroform	5.078	83	122552	5.086	ug/L	98

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

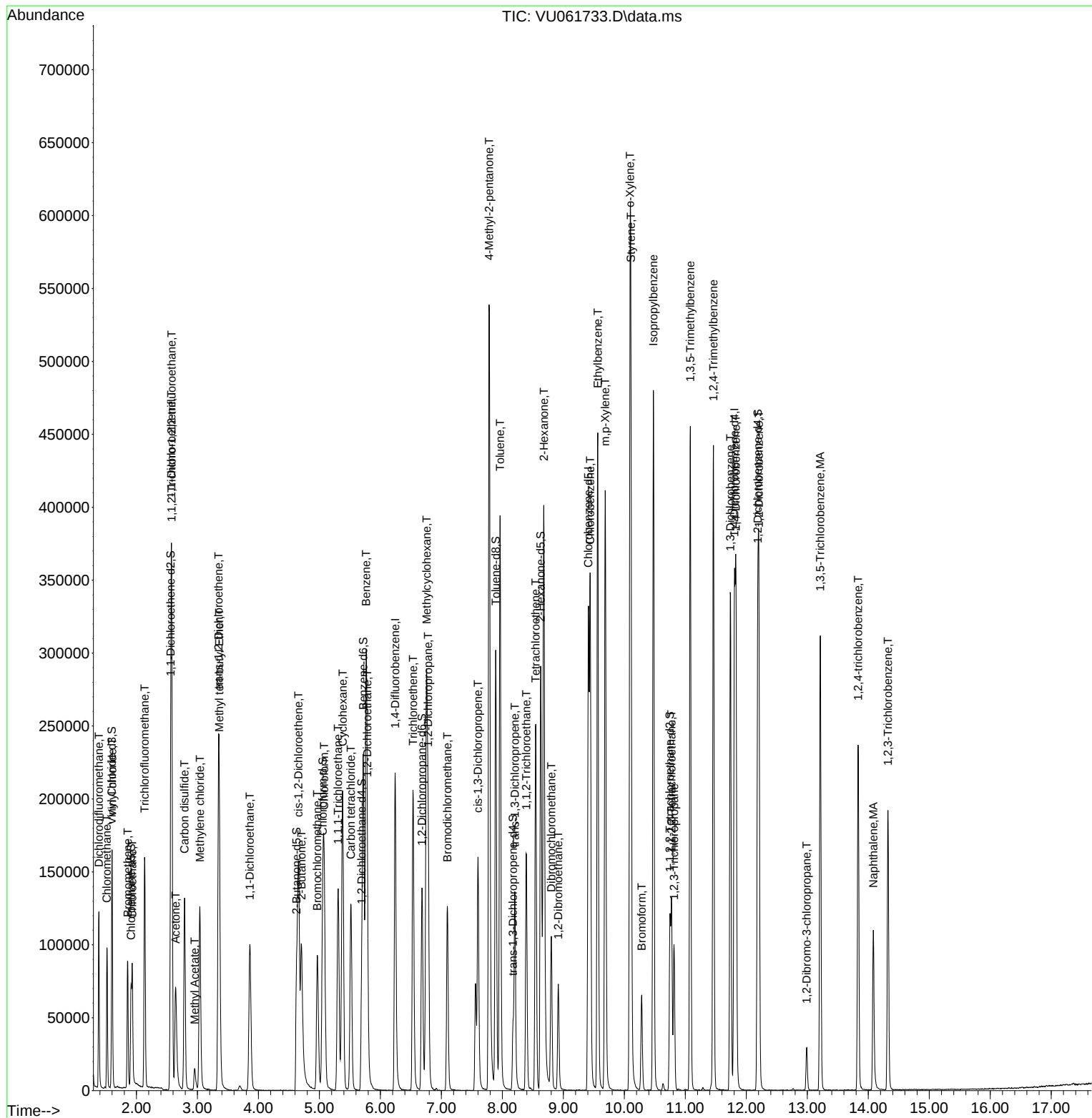
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76612	5.067	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102825	5.026	ug/L	99
30) Cyclohexane	5.380	56	103149	5.047	ug/L	99
31) Carbon tetrachloride	5.515	117	88859	5.099	ug/L	100
33) Benzene	5.766	78	273788	5.031	ug/L	100
34) Trichloroethene	6.534	95	74154	5.047	ug/L	99
35) Methylcyclohexane	6.756	83	116747	5.269	ug/L	99
37) 1,2-Dichloropropane	6.782	63	72121	5.224	ug/L	100
38) Bromodichloromethane	7.097	83	83281	5.028	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	100854	5.133	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	355748	53.745	ug/L	99
42) Toluene	7.962	91	303468	5.180	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	79983	5.132	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	52848	5.251	ug/L	97
47) Tetrachloroethene	8.544	164	55749	5.049	ug/L	93
48) 2-Hexanone	8.679	43	265929	56.188	ug/L	98
49) Dibromochloromethane	8.801	129	54446	5.159	ug/L	97
50) 1,2-Dibromoethane	8.917	107	49614	5.227	ug/L	97
51) Chlorobenzene	9.441	112	191956	5.090	ug/L	99
52) Ethylbenzene	9.563	91	322834	5.173	ug/L	100
53) m,p-Xylene	9.685	106	124385	5.209	ug/L	100
54) o-Xylene	10.094	106	119473	5.147	ug/L	100
55) Styrene	10.107	104	194099	5.252	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	62790	5.127	ug/L	94
59) Bromoform	10.283	173	29401	5.100	ug/L	99
60) Isopropylbenzene	10.476	105	315163	5.218	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42507	5.181	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	248424	5.137	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	247713	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	142063	5.129	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	139009	4.942	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	131824	5.117	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7513	5.244	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	97944	5.064	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	73203	4.884	ug/L	98
71) Naphthalene	14.084	128	97231	4.518	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	60396	4.800	ug/L	97

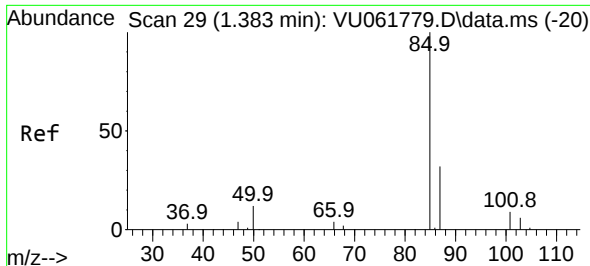
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Data File : VU061733.D
Acq On : 16 Nov 2024 09:17
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 18 00:14:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:04:27 2024
Response via : Initial Calibration

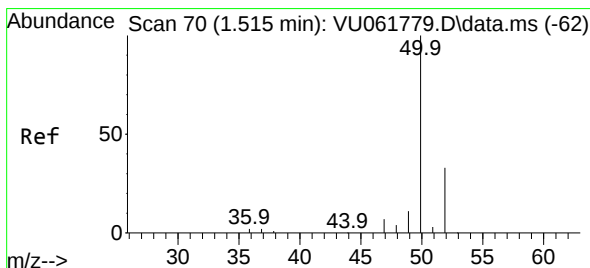
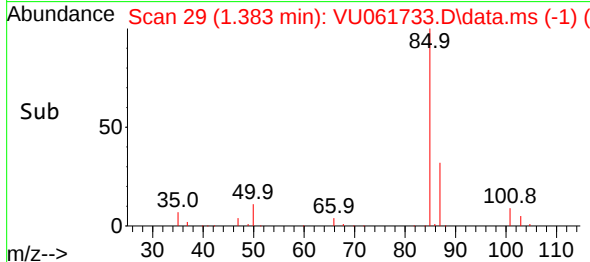
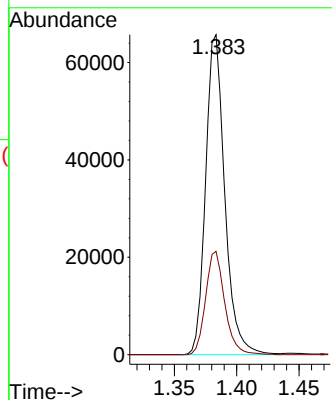
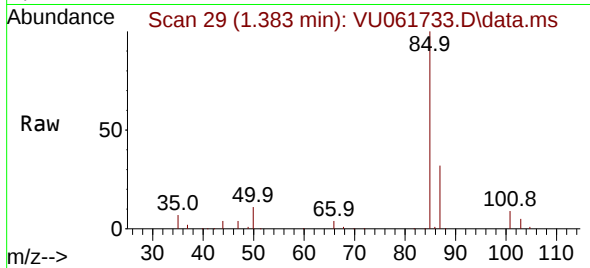




#2
 Dichlorodifluoromethane
 Concen: 4.996 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

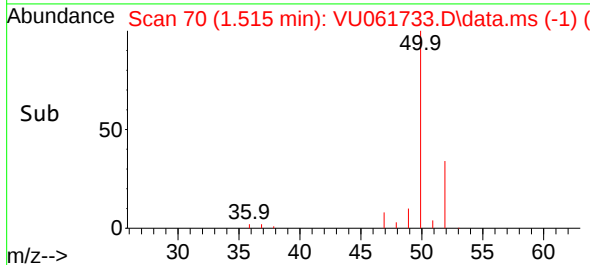
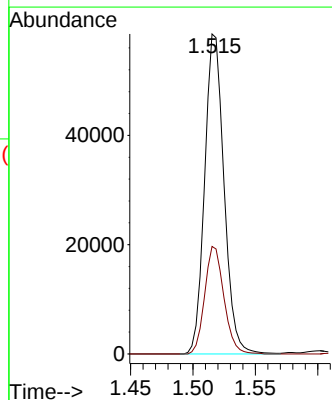
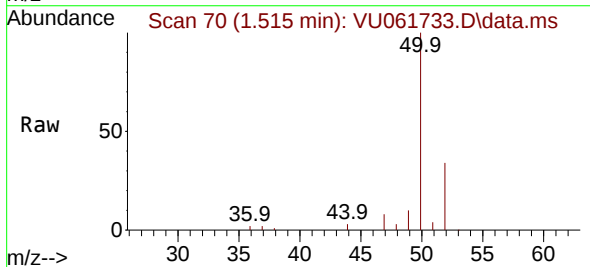
Instrument :
 MSVOA_U
 ClientSampleId :

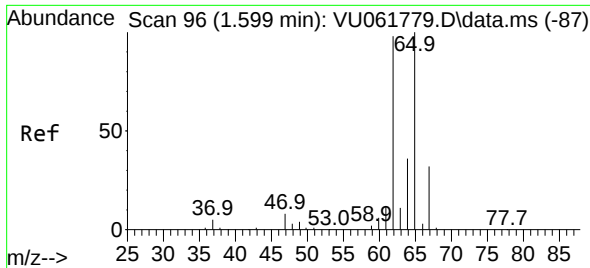
Tgt Ion: 85 Resp: 70323
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.965 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

Tgt Ion: 50 Resp: 63395
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.2

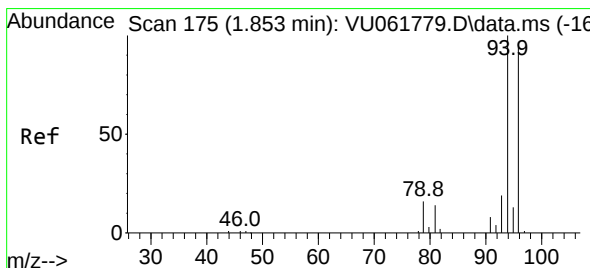
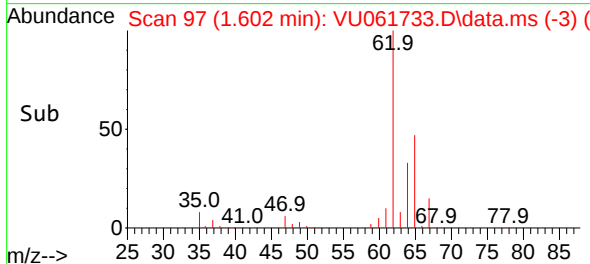
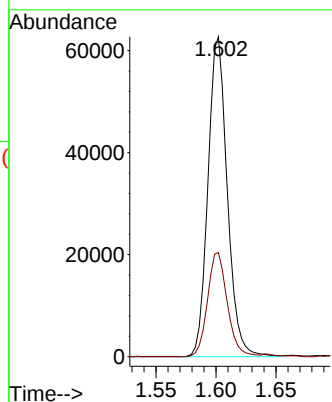
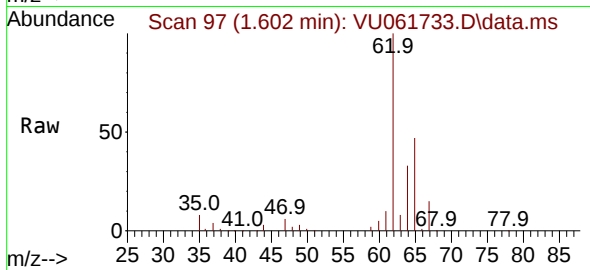




#5
 Vinyl chloride
 Concen: 4.992 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

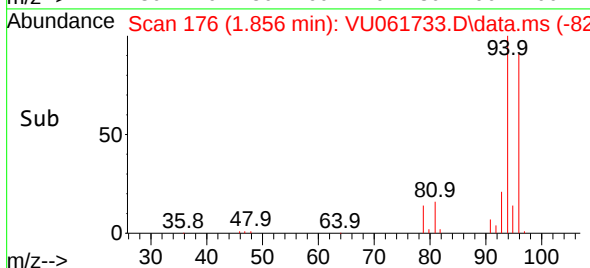
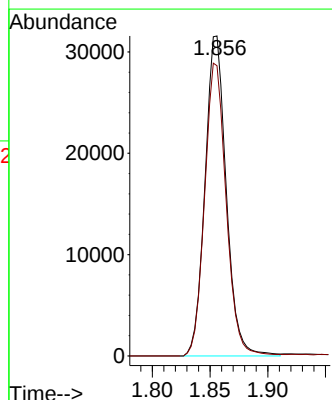
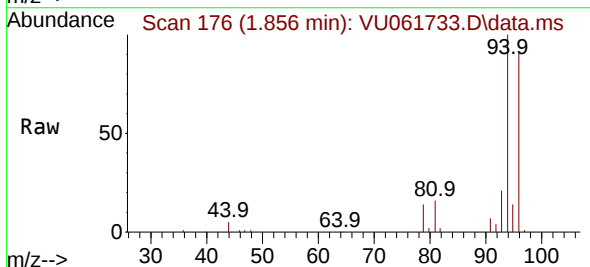
Instrument :
 MSVOA_U
 ClientSampleId :

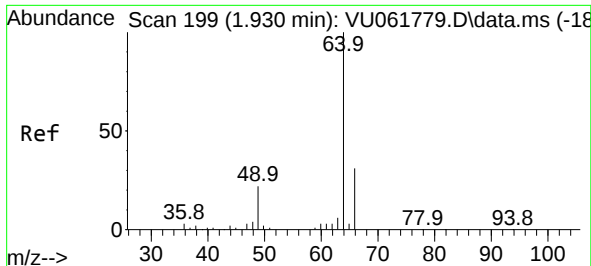
Tgt Ion: 62 Resp: 70341
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 44.1



#6
 Bromomethane
 Concen: 4.813 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

Tgt Ion: 94 Resp: 40468
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.7 121.9





#8

Chloroethane

Concen: 5.083 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

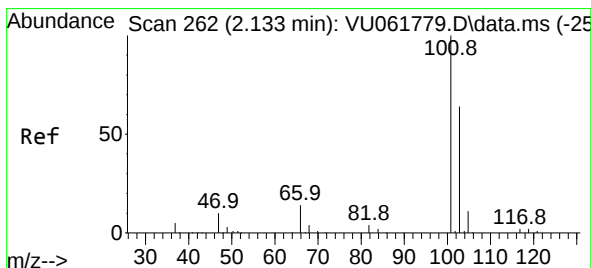
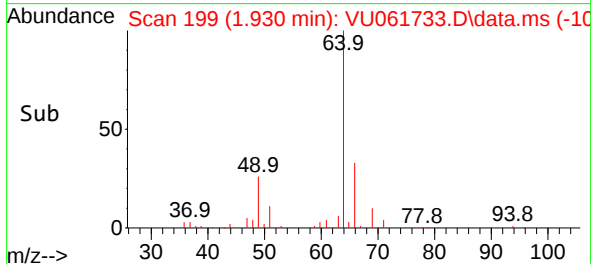
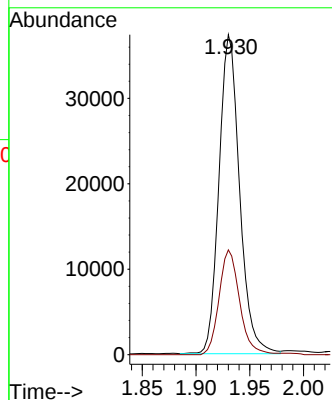
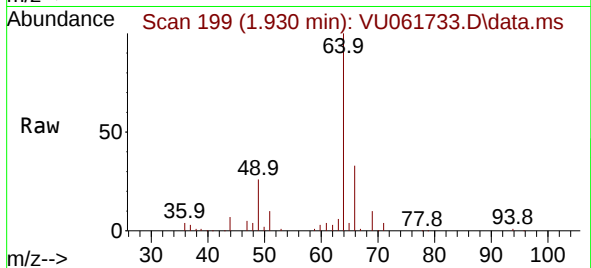
ClientSampleId :

Tgt Ion: 64 Resp: 49686

Ion Ratio Lower Upper

64 100

66 32.7 23.1 42.9



#9

Trichlorofluoromethane

Concen: 4.876 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU061733.D

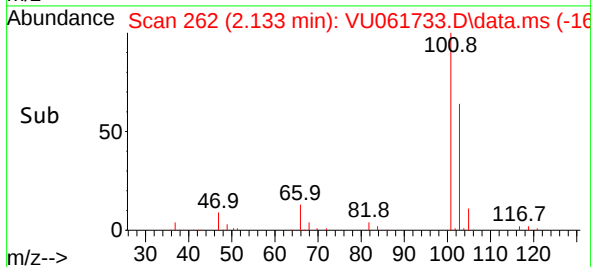
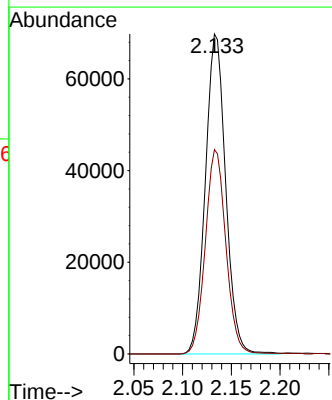
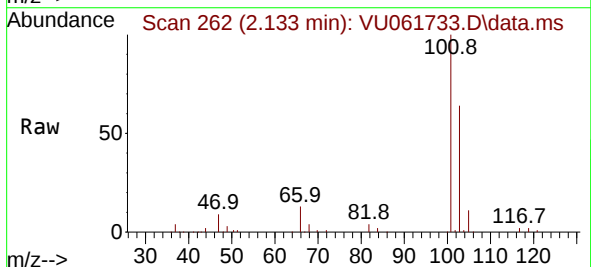
Acq: 16 Nov 2024 09:17

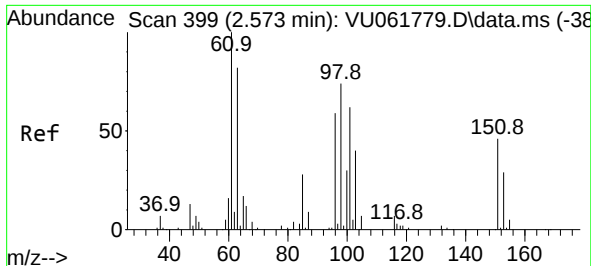
Tgt Ion: 101 Resp: 100998

Ion Ratio Lower Upper

101 100

103 64.6 52.2 78.2

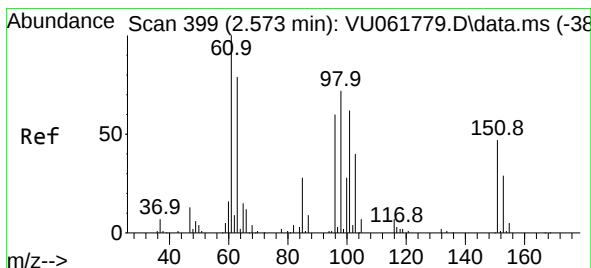
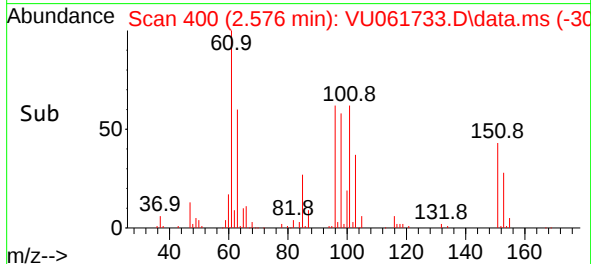
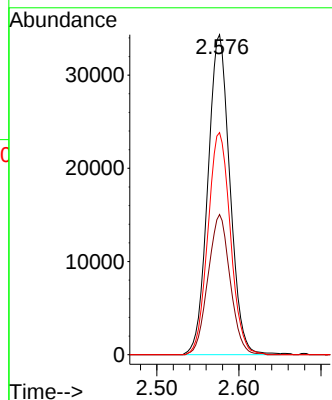
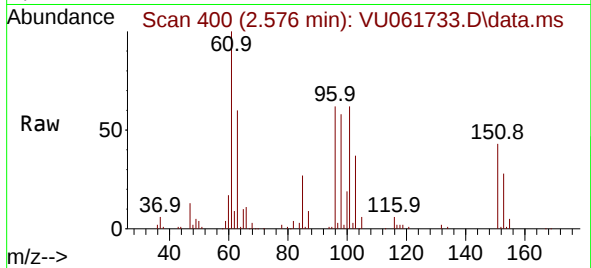




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.218 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

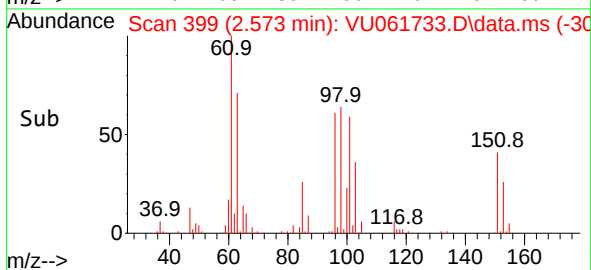
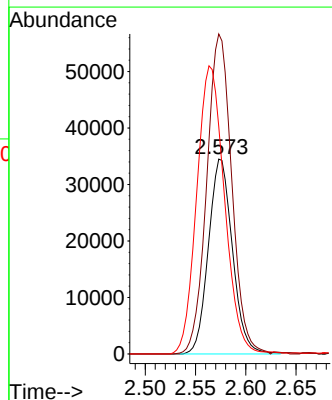
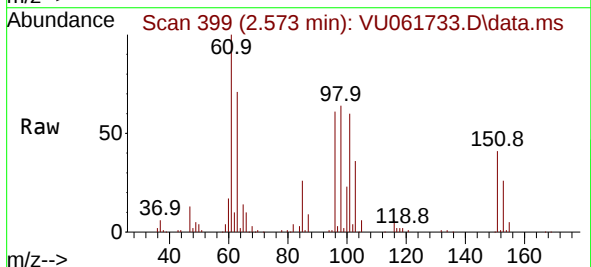
Instrument :
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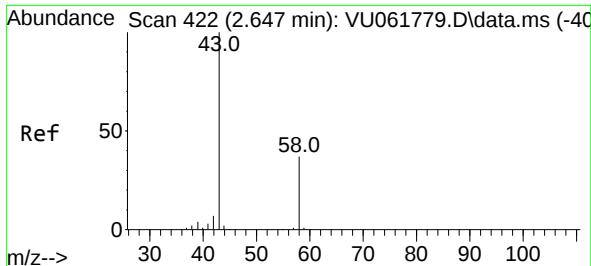
Tgt Ion:101 Resp: 63903
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 71.0 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.016 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

Tgt Ion: 96 Resp: 57340
 Ion Ratio Lower Upper
 96 100
 61 164.2 116.8 217.0
 63 116.7 86.1 159.9





#13

Acetone

Concen: 61.655 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

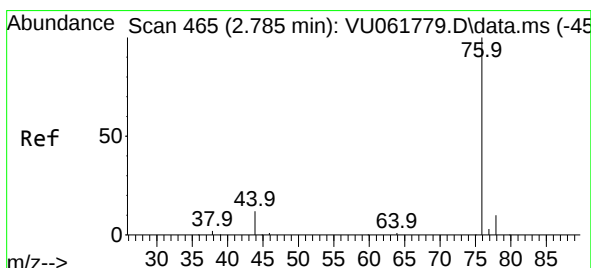
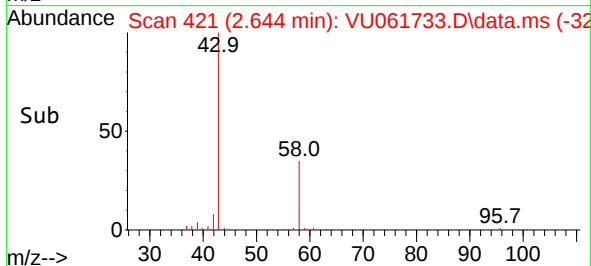
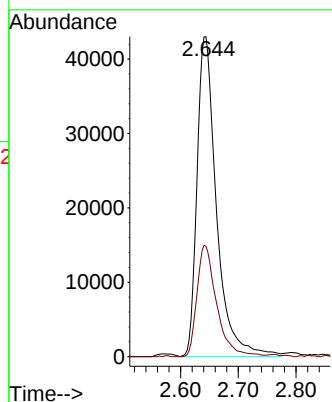
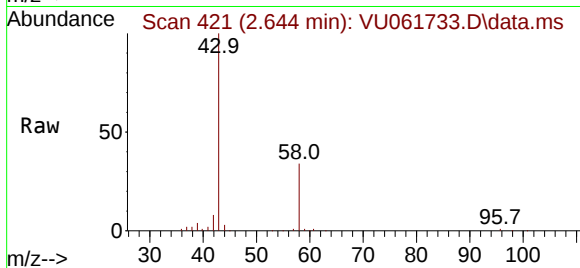
ClientSampleId :

Tgt Ion: 43 Resp: 100880

Ion Ratio Lower Upper

43 100

58 35.0 0.0 69.8



#14

Carbon disulfide

Concen: 4.784 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061733.D

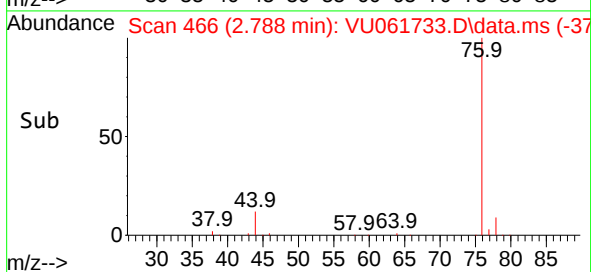
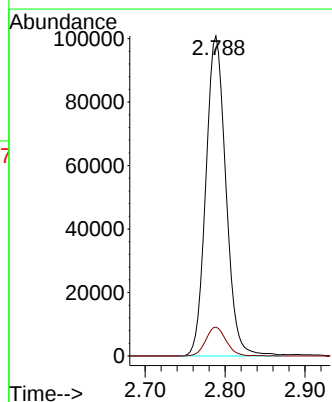
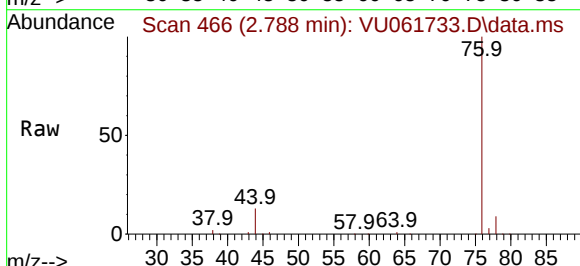
Acq: 16 Nov 2024 09:17

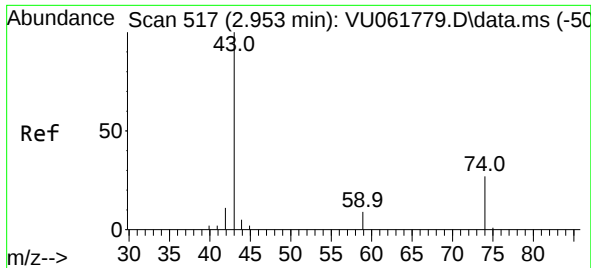
Tgt Ion: 76 Resp: 175677

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

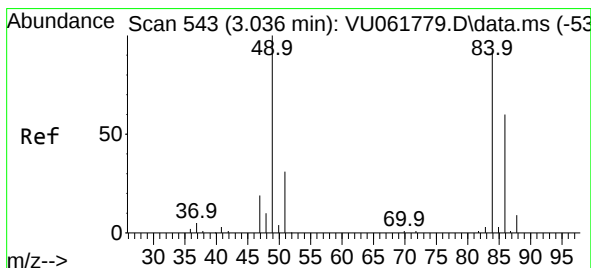
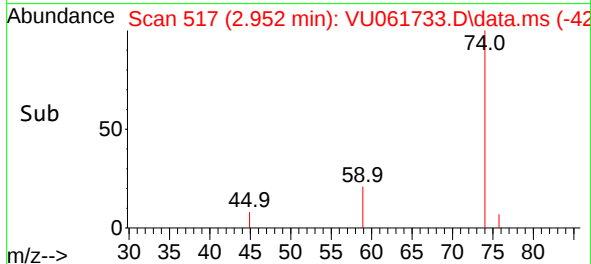
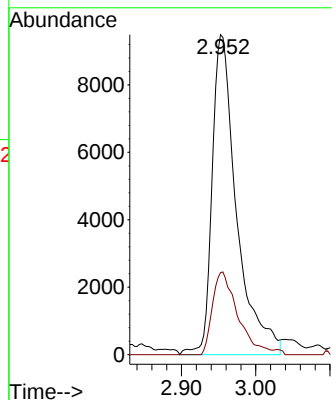
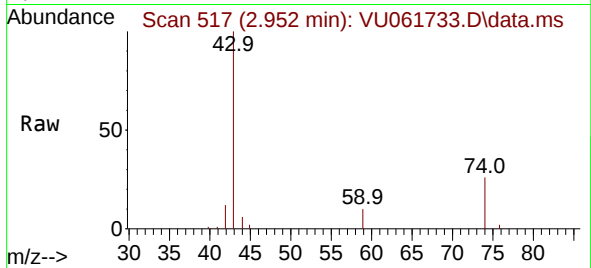




#15
Methyl Acetate
Concen: 5.317 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

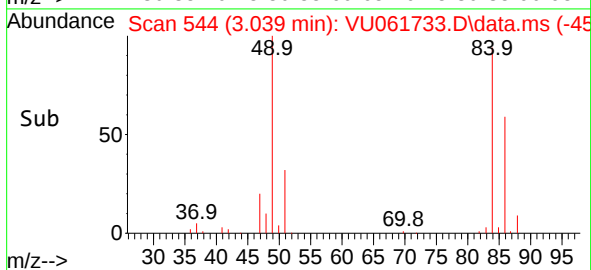
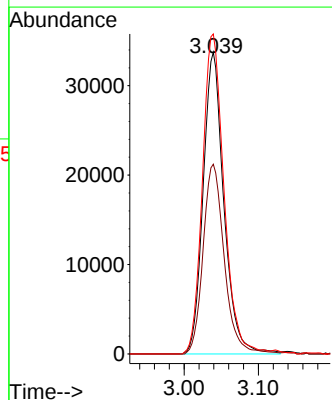
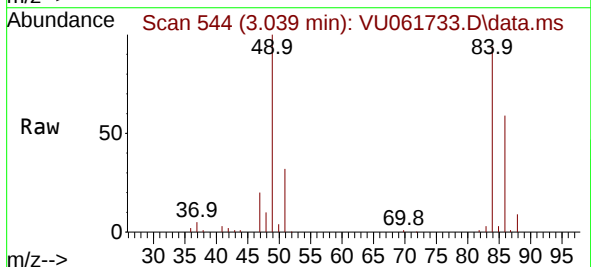
Instrument :
MSVOA_U
ClientSampleId :

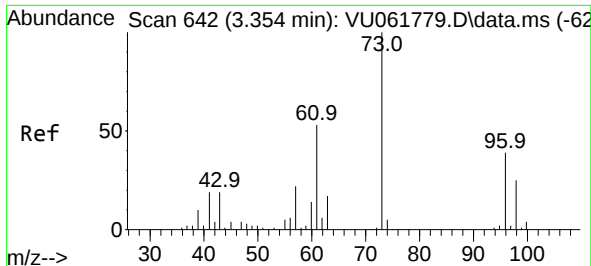
Tgt Ion: 43 Resp: 21736
Ion Ratio Lower Upper
43 100
74 26.7 22.5 33.7



#16
Methylene chloride
Concen: 4.966 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion: 84 Resp: 65423
Ion Ratio Lower Upper
84 100
86 62.9 45.1 83.7
49 106.0 76.3 141.7

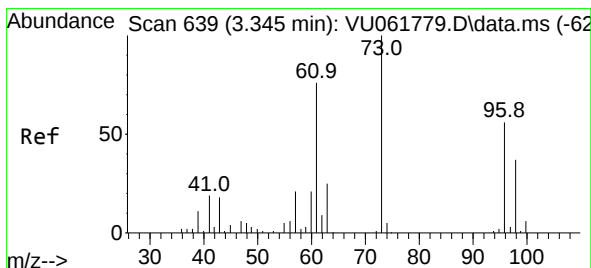
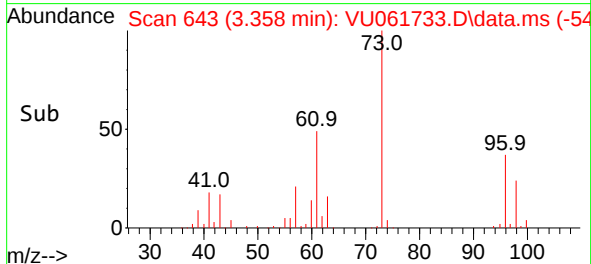
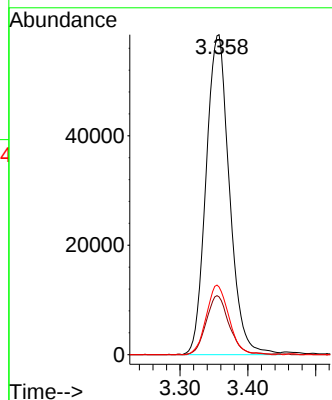
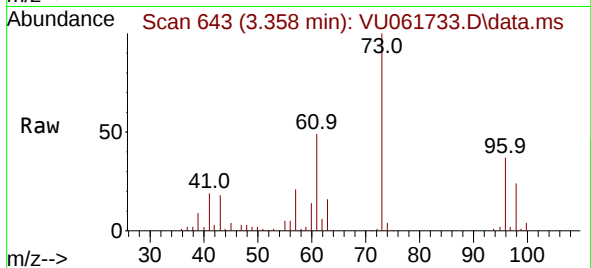




#17
Methyl tert-butyl Ether
Concen: 4.999 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

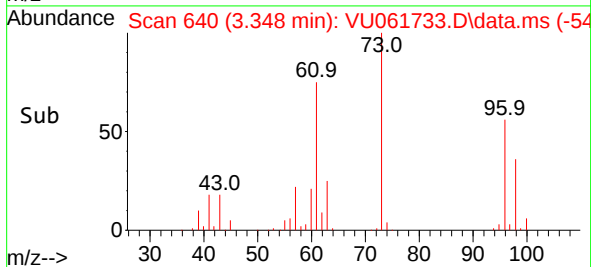
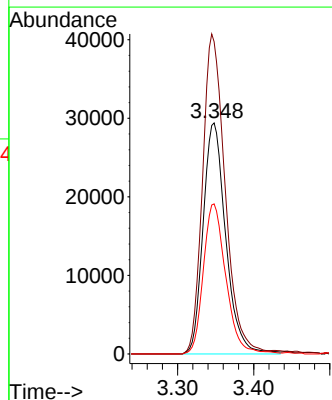
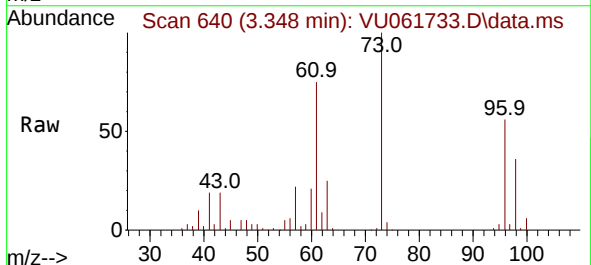
Instrument :
MSVOA_U
ClientSampleId :

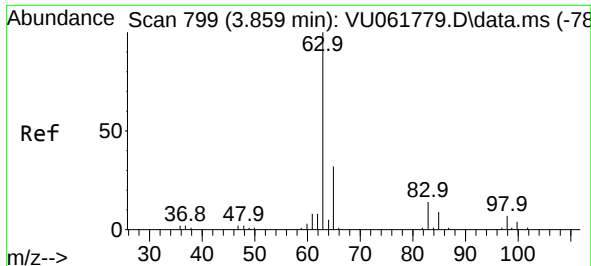
Tgt Ion: 73 Resp: 140059
Ion Ratio Lower Upper
73 100
43 18.2 14.2 21.4
57 21.2 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.845 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion: 96 Resp: 60759
Ion Ratio Lower Upper
96 100
61 135.1 94.1 174.8
98 64.9 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.068 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

ClientSampleId :

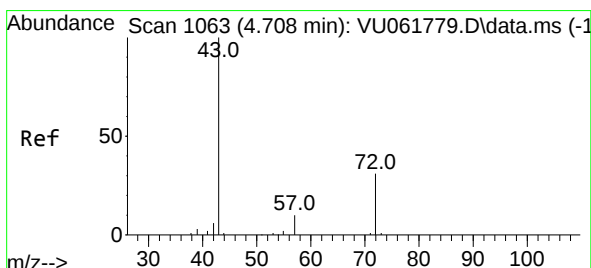
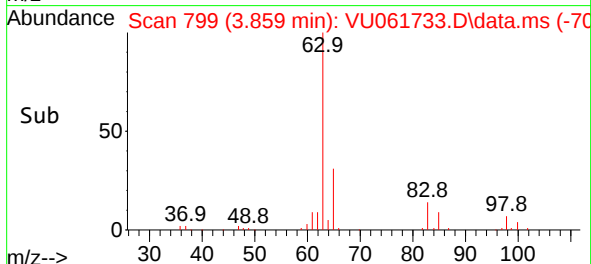
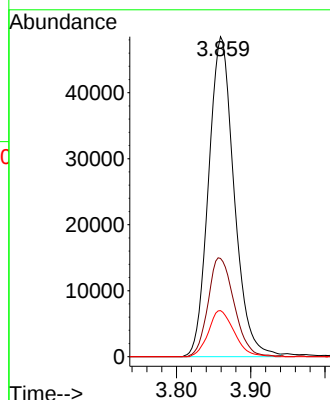
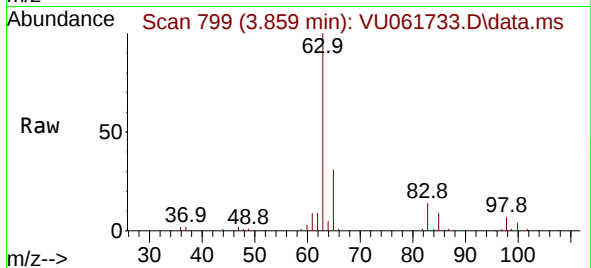
Tgt Ion: 63 Resp: 115860

Ion Ratio Lower Upper

63 100

65 30.7 23.4 43.4

83 14.4 9.6 17.8



#21

2-Butanone

Concen: 55.952 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU061733.D

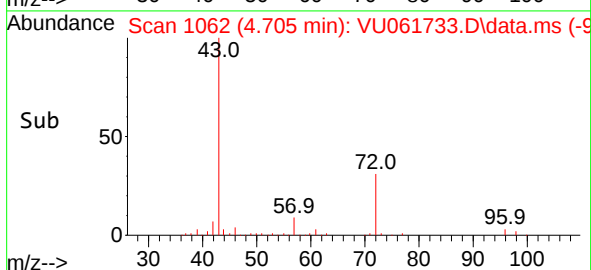
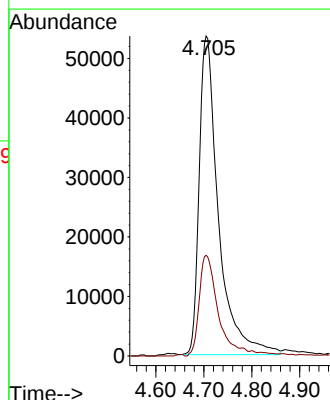
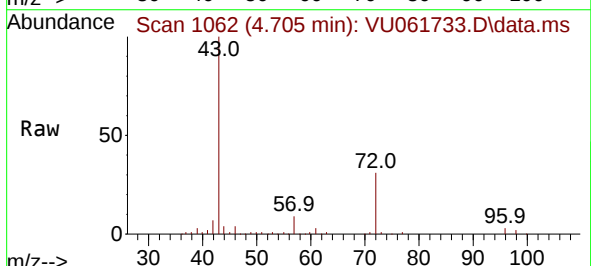
Acq: 16 Nov 2024 09:17

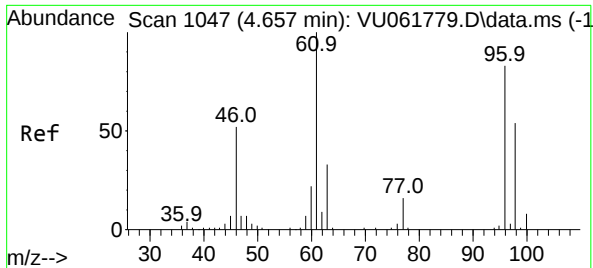
Tgt Ion: 43 Resp: 149518

Ion Ratio Lower Upper

43 100

72 29.7 15.8 47.3

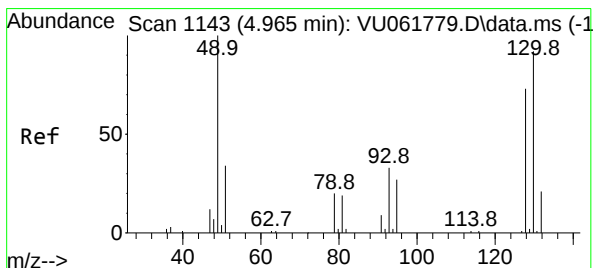
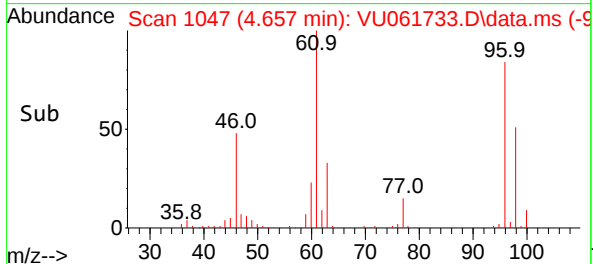
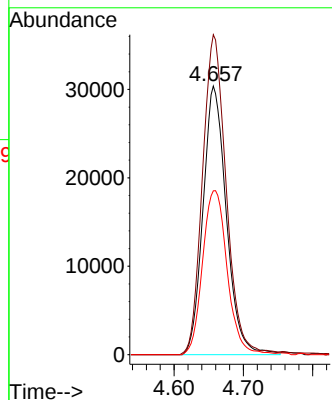
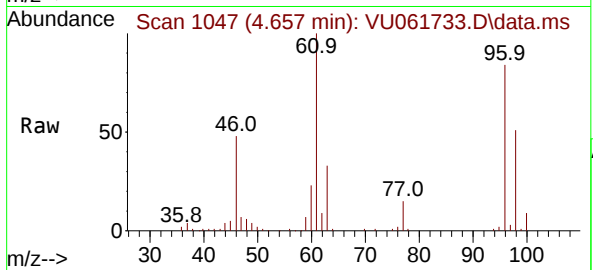




#22
 cis-1,2-Dichloroethene
 Concen: 5.027 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

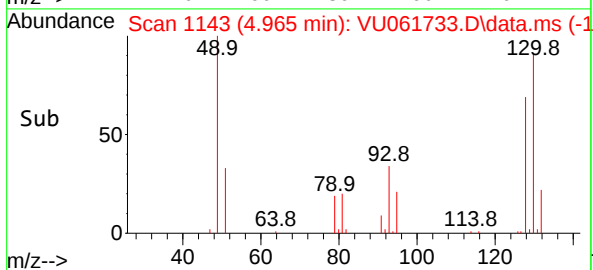
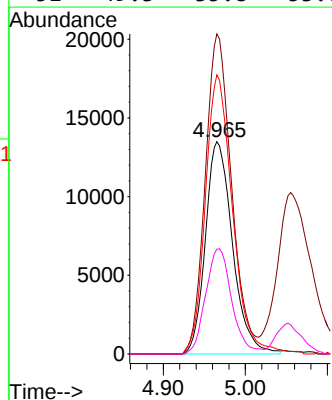
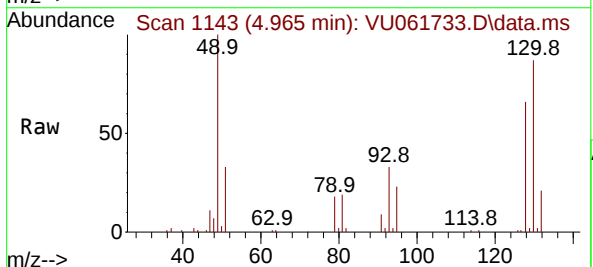
Instrument :
 MSVOA_U
 ClientSampleId :

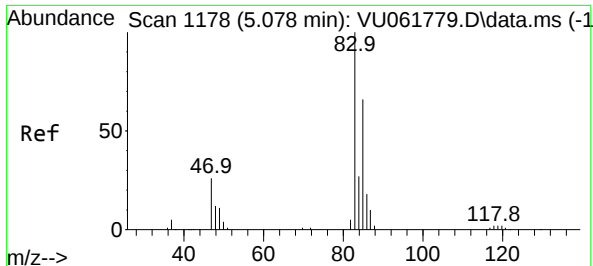
Tgt Ion: 96 Resp: 71082
 Ion Ratio Lower Upper
 96 100
 61 119.1 85.6 159.0
 98 61.0 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.931 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

Tgt Ion:128 Resp: 30972
 Ion Ratio Lower Upper
 128 100
 49 150.7 99.1 184.1
 130 131.4 88.6 164.6
 51 49.3 35.8 53.6





#25

Chloroform

Concen: 5.086 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

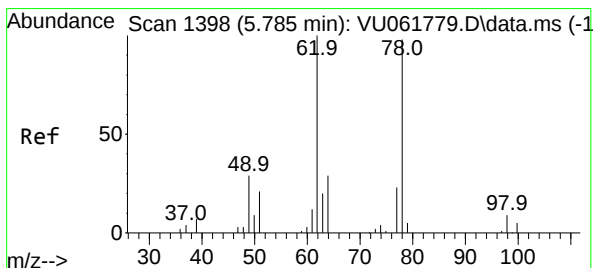
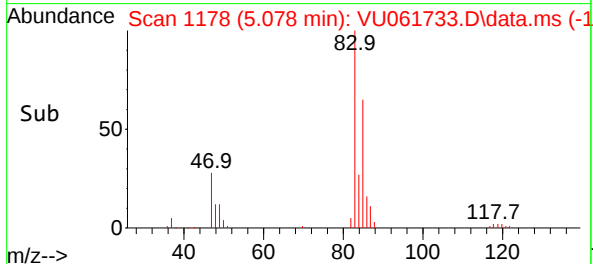
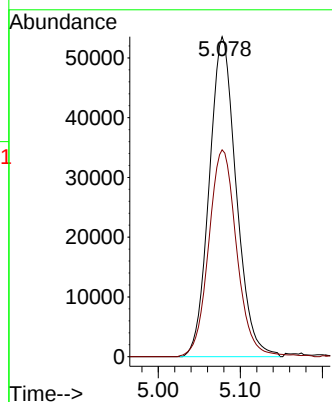
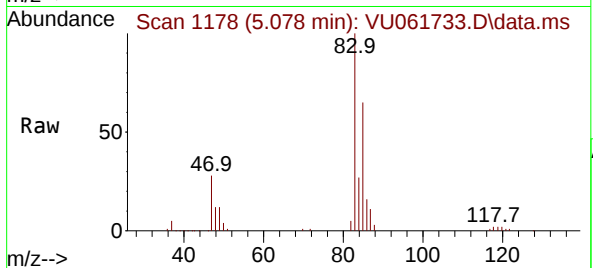
ClientSampleId :

Tgt Ion: 83 Resp: 122552

Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.067 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061733.D

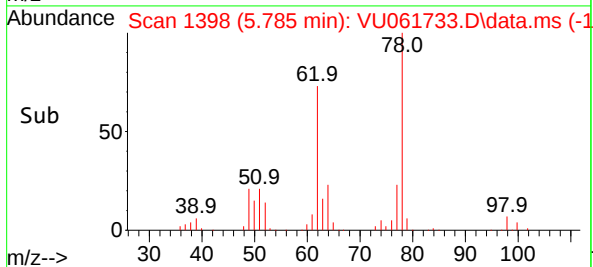
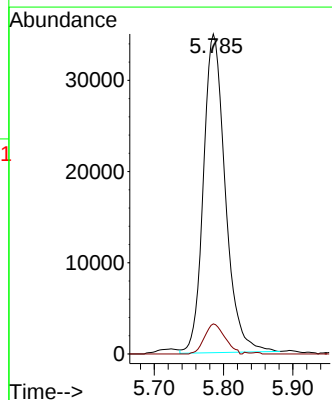
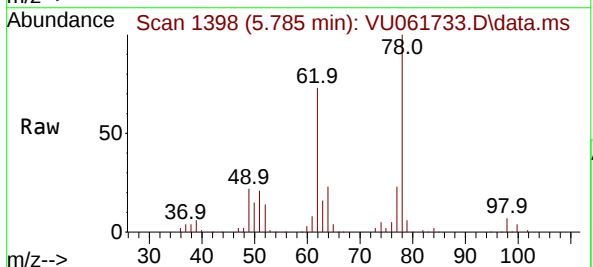
Acq: 16 Nov 2024 09:17

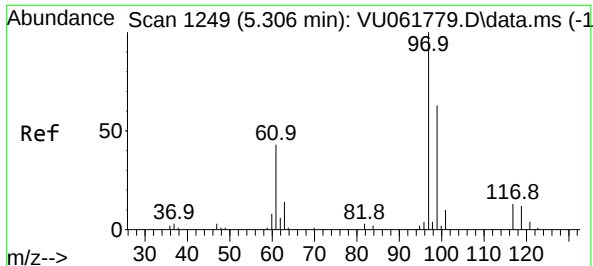
Tgt Ion: 62 Resp: 76612

Ion Ratio Lower Upper

62 100

98 9.4 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.026 ug/L

RT: 5.306 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

ClientSampleId :

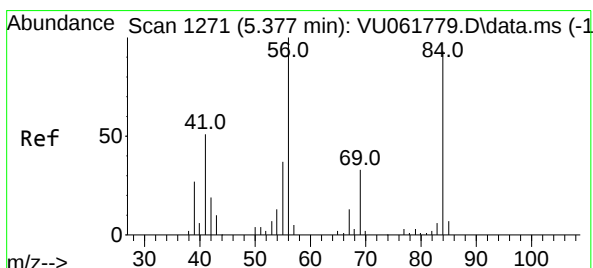
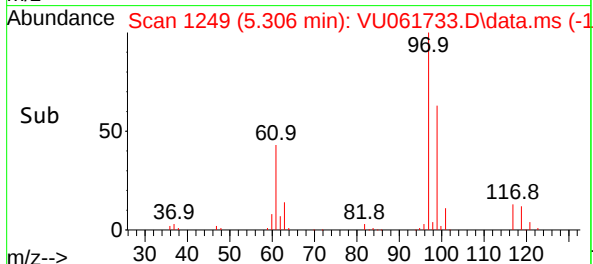
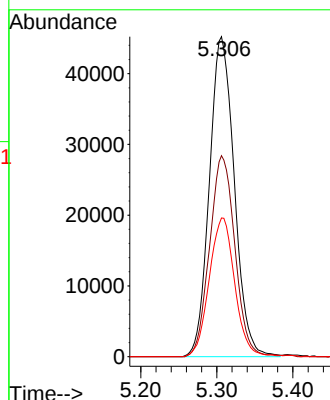
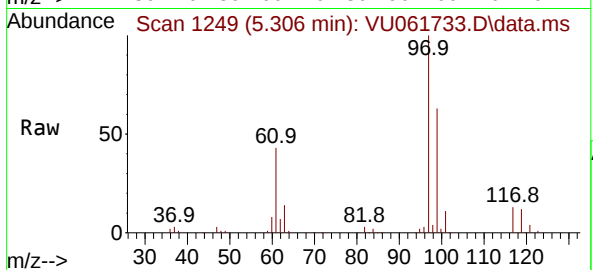
Tgt Ion: 97 Resp: 102825

Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 44.4 35.4 53.0



#30

Cyclohexane

Concen: 5.047 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

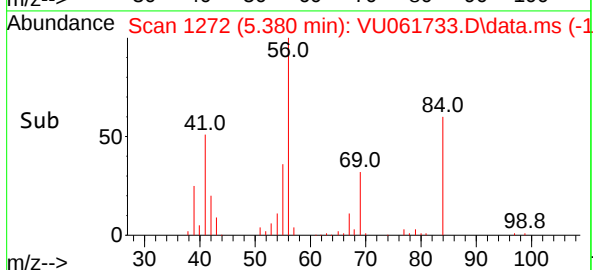
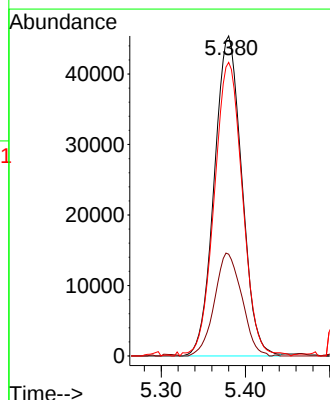
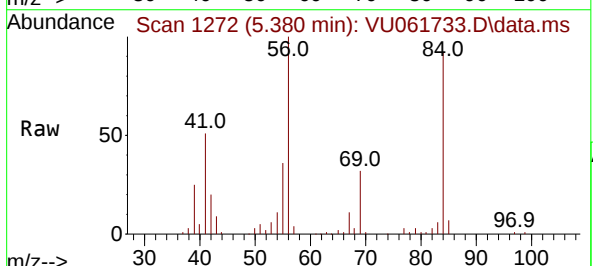
Tgt Ion: 56 Resp: 103149

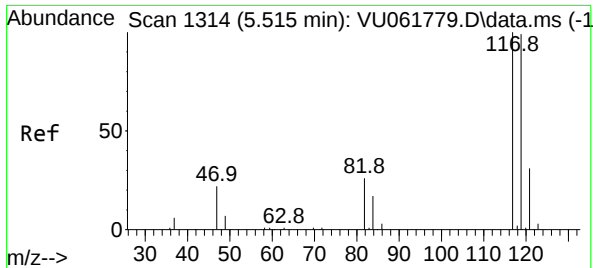
Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 93.7 74.3 111.5

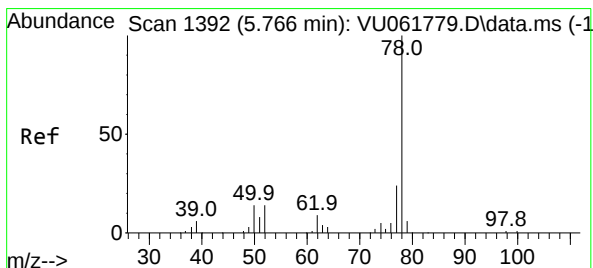
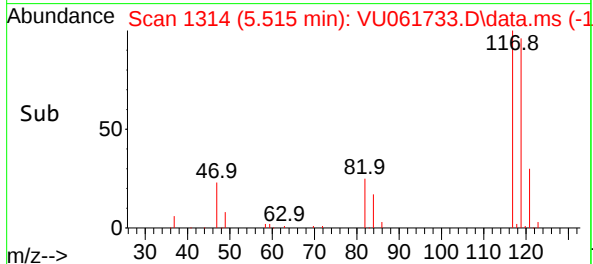
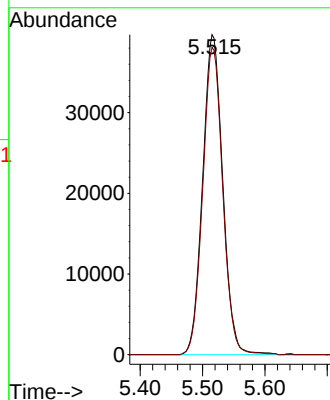
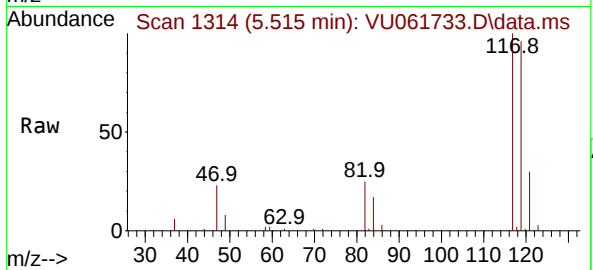




#31
Carbon tetrachloride
Concen: 5.099 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

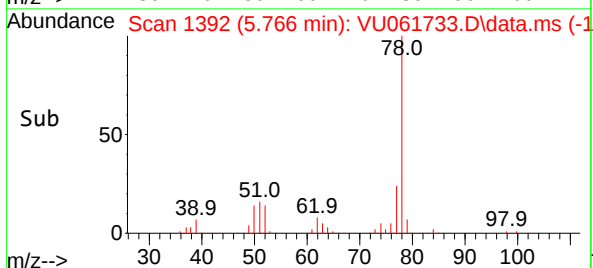
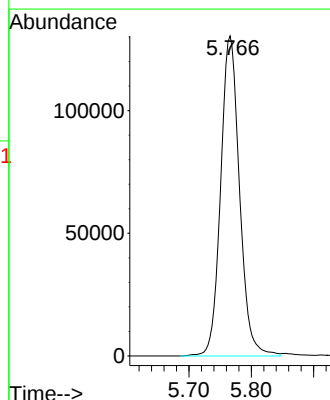
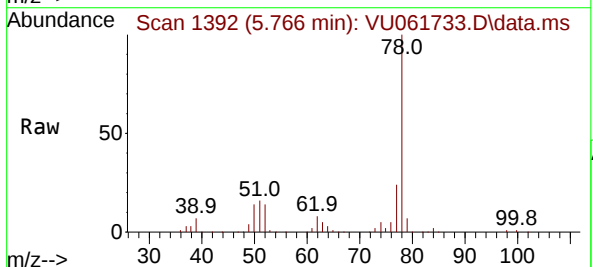
Instrument :
MSVOA_U
ClientSampleId :

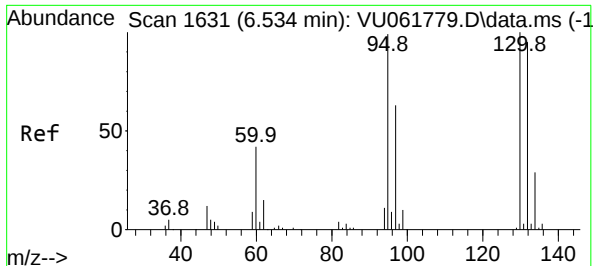
Tgt Ion:117 Resp: 88859
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8



#33
Benzene
Concen: 5.031 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion: 78 Resp: 273788





#34

Trichloroethene

Concen: 5.047 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 74154

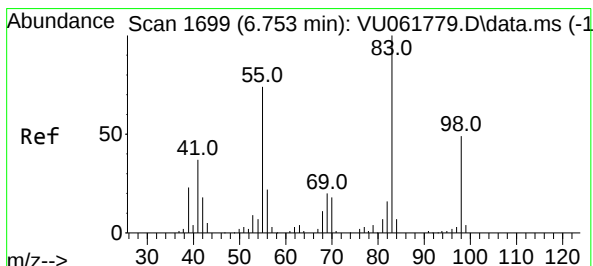
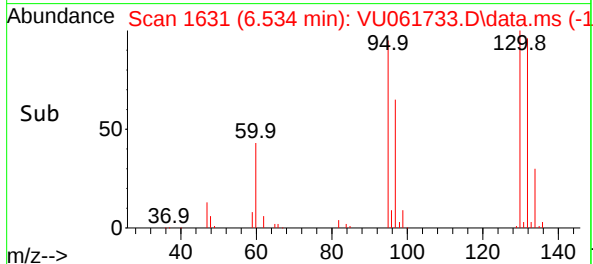
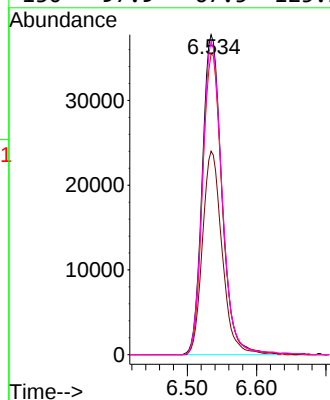
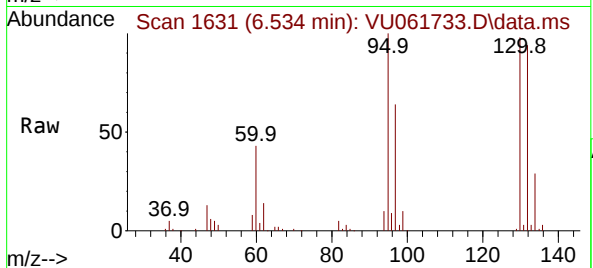
Ion Ratio Lower Upper

95 100

97 63.6 43.5 80.9

132 94.0 65.2 121.0

130 97.9 67.5 125.3



#35

Methylcyclohexane

Concen: 5.269 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

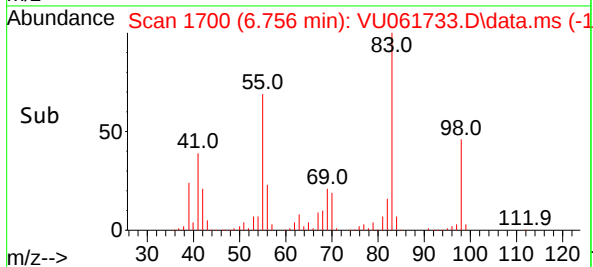
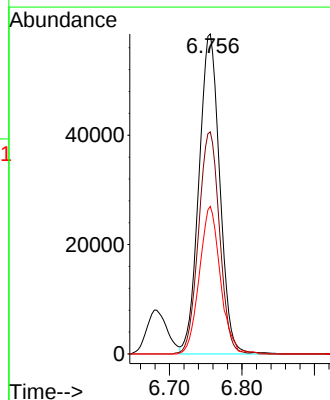
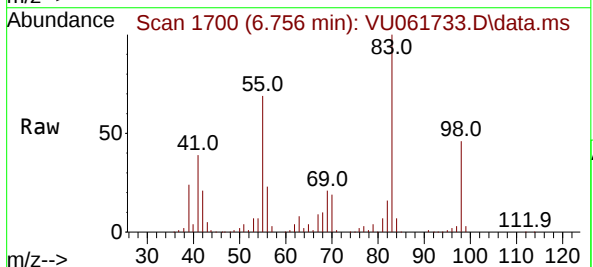
Tgt Ion: 83 Resp: 116747

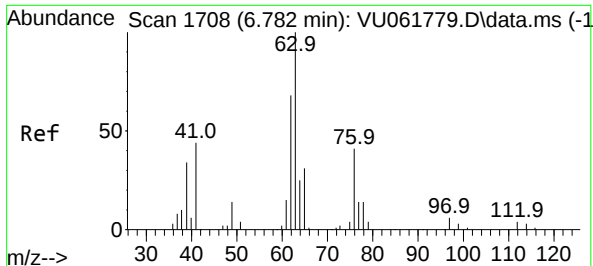
Ion Ratio Lower Upper

83 100

55 69.8 56.4 84.6

98 46.0 37.7 56.5

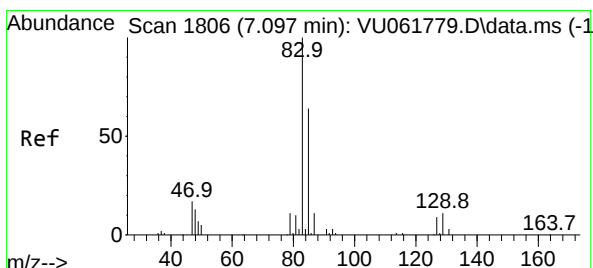
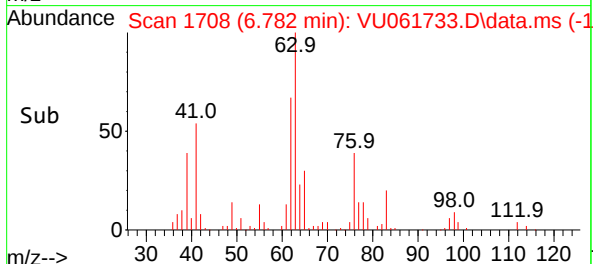
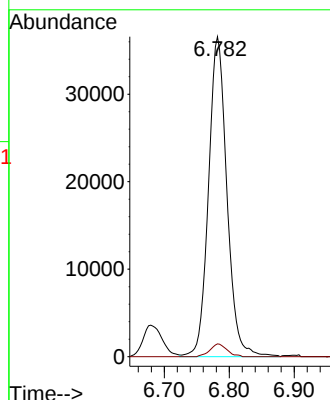
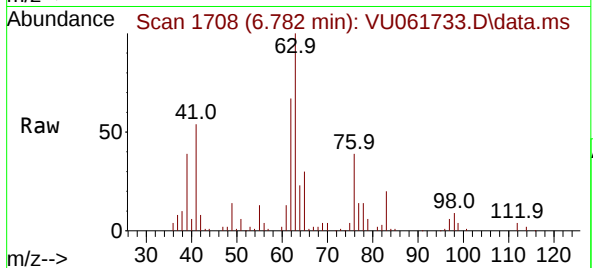




#37
1,2-Dichloropropane
Concen: 5.224 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

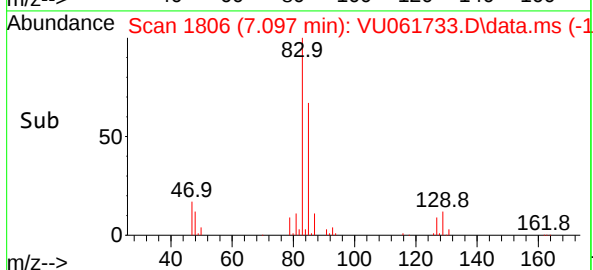
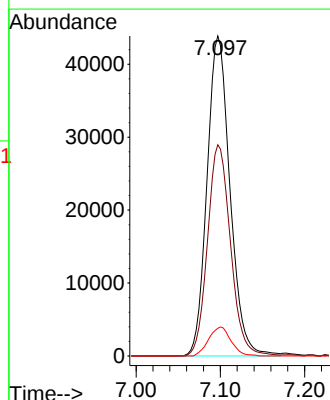
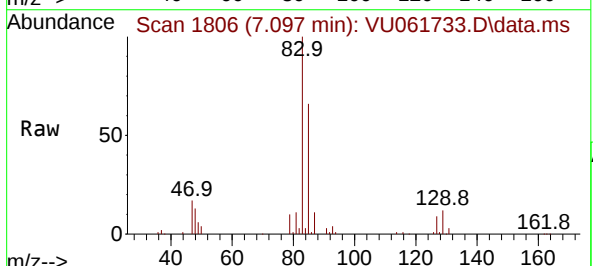
Instrument :
MSVOA_U
ClientSampleId :

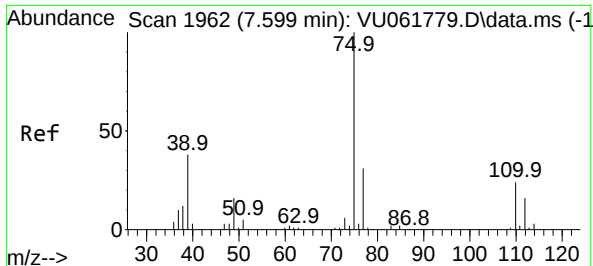
Tgt Ion: 63 Resp: 72121
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.028 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion: 83 Resp: 83281
Ion Ratio Lower Upper
83 100
85 66.0 45.0 83.6
127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.133 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

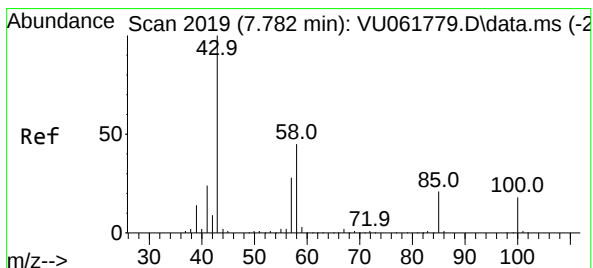
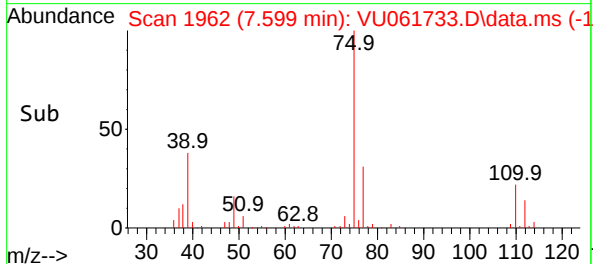
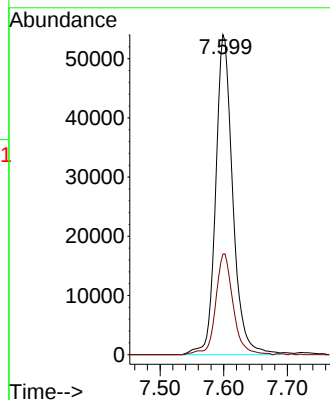
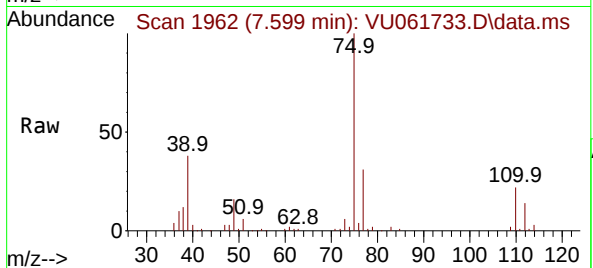
ClientSampleId :

Tgt Ion: 75 Resp: 100854

Ion Ratio Lower Upper

75 100

77 31.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.745 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

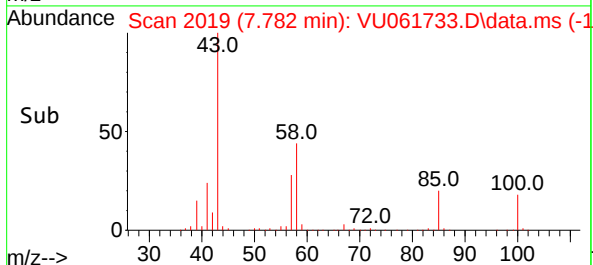
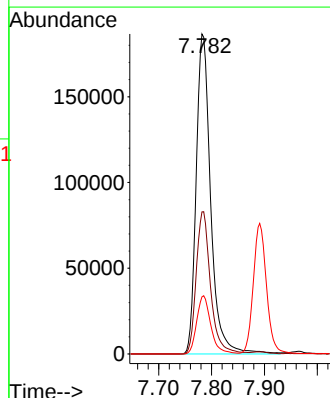
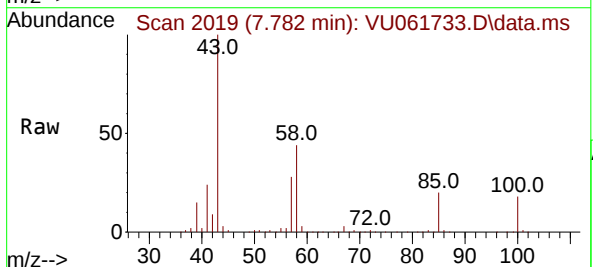
Tgt Ion: 43 Resp: 355748

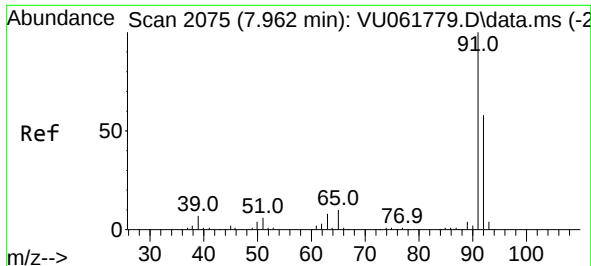
Ion Ratio Lower Upper

43 100

58 44.0 35.7 53.5

100 17.7 14.2 21.2





#42

Toluene

Concen: 5.180 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

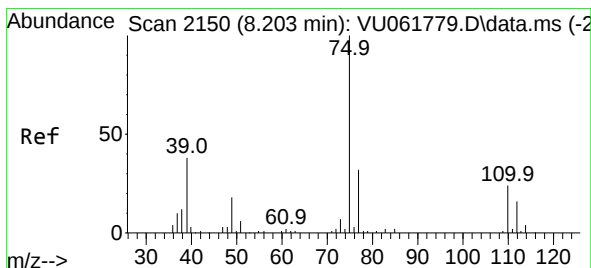
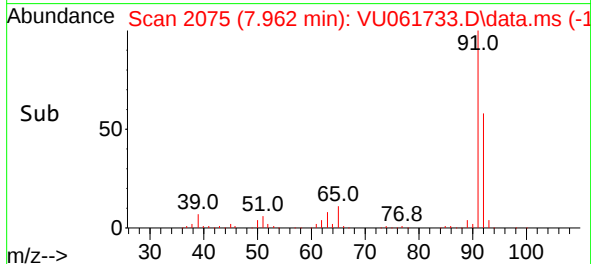
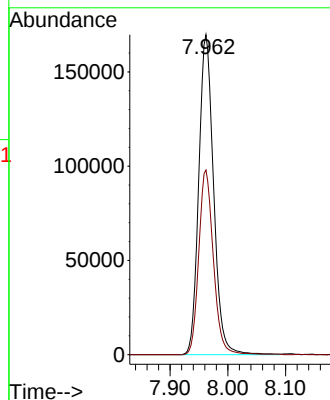
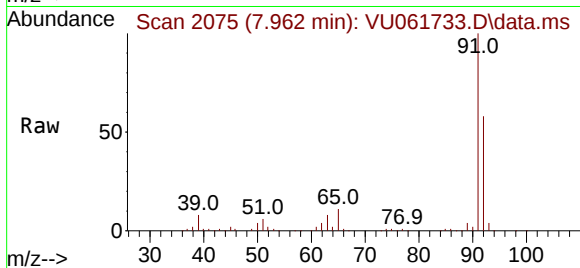
ClientSampleId :

Tgt Ion: 91 Resp: 303468

Ion Ratio Lower Upper

91 100

92 57.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061733.D

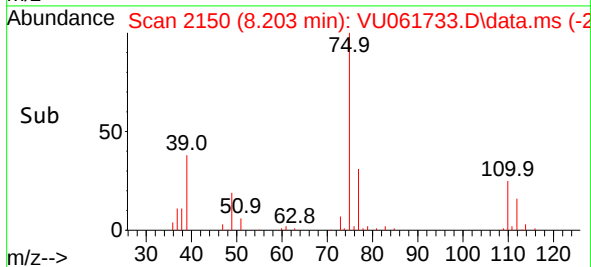
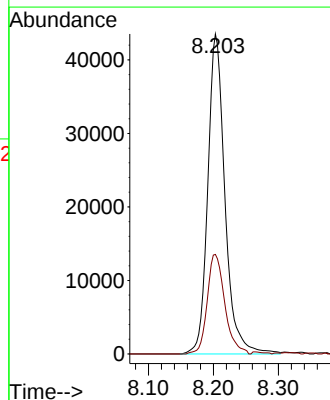
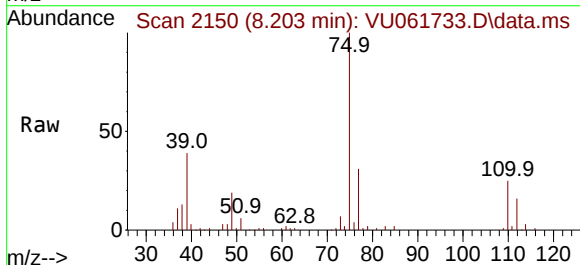
Acq: 16 Nov 2024 09:17

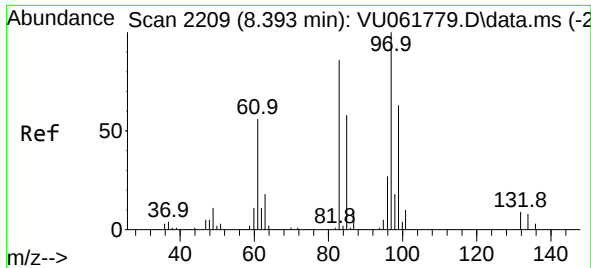
Tgt Ion: 75 Resp: 79983

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3

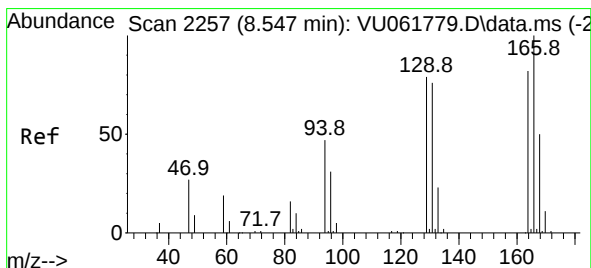
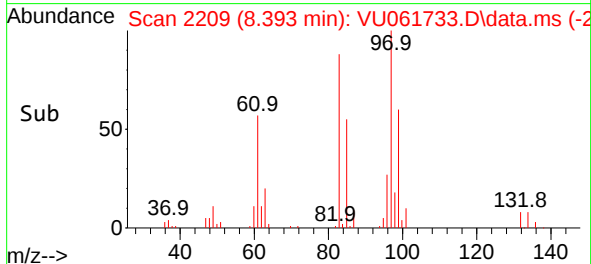
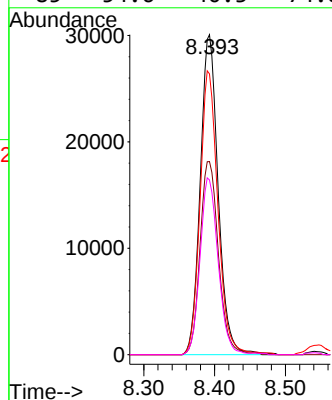
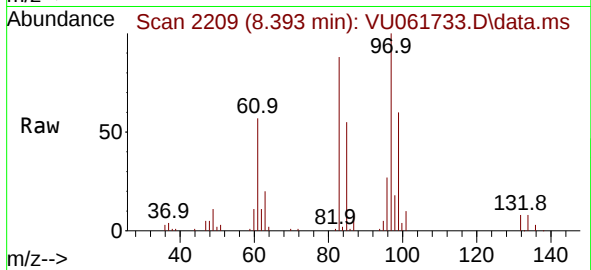




#45
1,1,2-Trichloroethane
Concen: 5.251 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

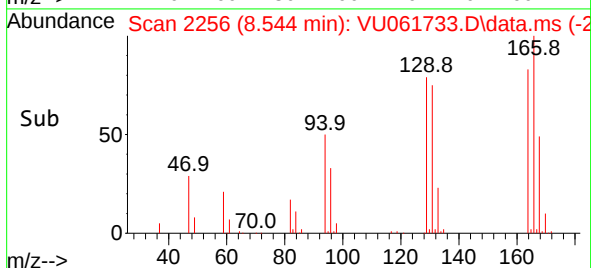
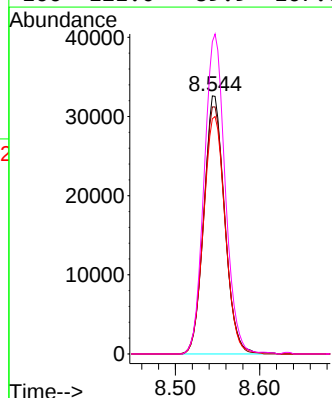
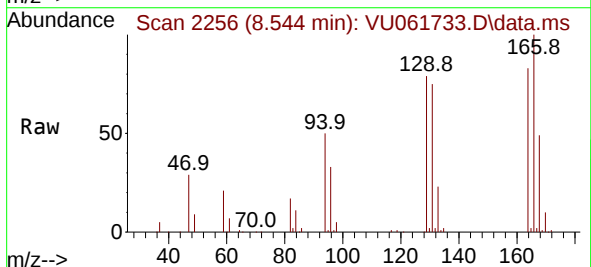
Instrument :
MSVOA_U
ClientSampleId :

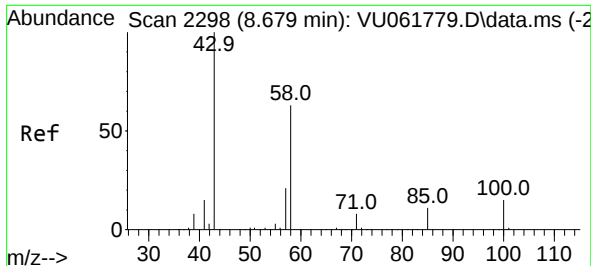
Tgt Ion: 97	Resp: 52848
Ion Ratio	Lower Upper
97 100	
99 60.4	43.8 81.3
83 87.7	63.2 117.4
85 54.6	40.3 74.8



#47
Tetrachloroethene
Concen: 5.049 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt	Ion:164	Resp:	55749
Ion	Ratio	Lower	Upper
164	100		
129	95.7	71.7	133.3
131	91.1	68.2	126.6
166	121.0	89.9	167.0

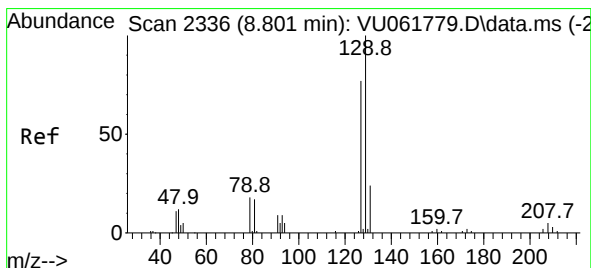
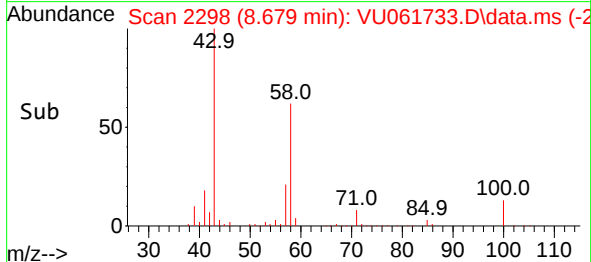
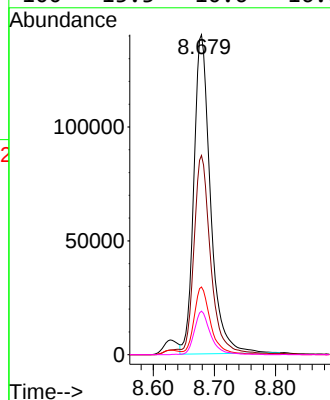
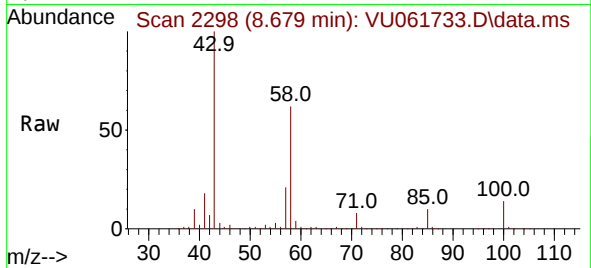




#48
2-Hexanone
Concen: 56.188 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

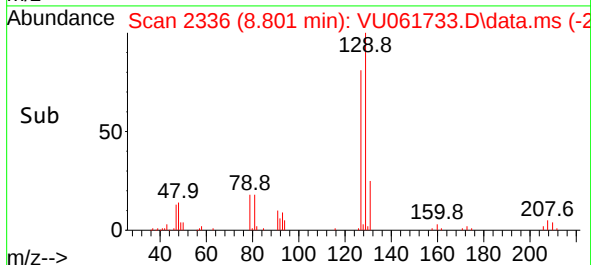
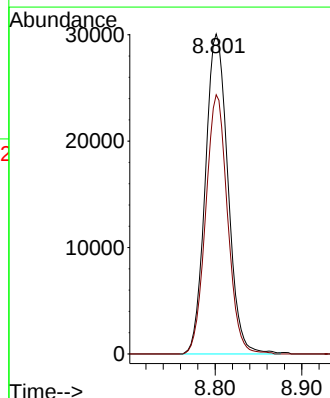
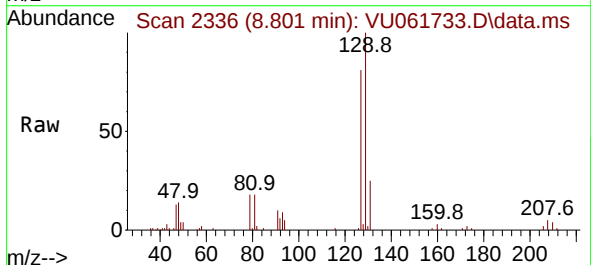
Instrument :
MSVOA_U
ClientSampleId :

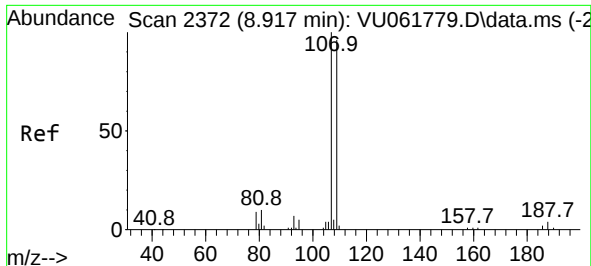
Tgt Ion: 43 Resp: 265929
Ion Ratio Lower Upper
43 100
58 64.3 49.4 74.2
57 20.7 16.3 24.5
100 13.3 10.6 16.0



#49
Dibromochloromethane
Concen: 5.159 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion:129 Resp: 54446
Ion Ratio Lower Upper
129 100
127 81.0 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.227 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061733.D

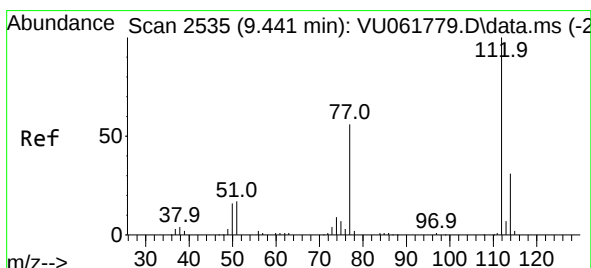
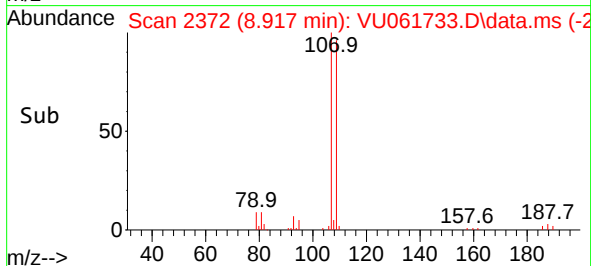
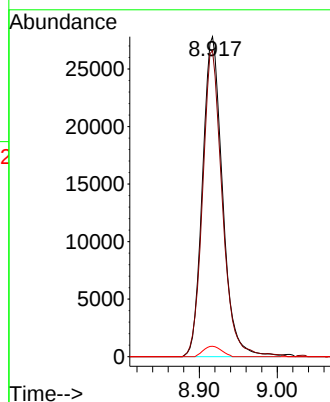
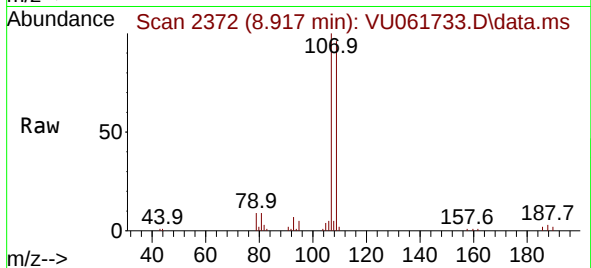
Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	49614
Ion	Ratio	Lower	Upper
107	100		
109	95.6	64.8	120.4
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 5.090 ug/L

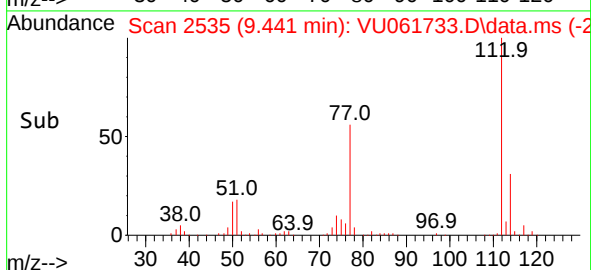
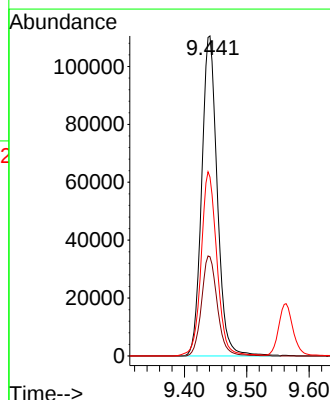
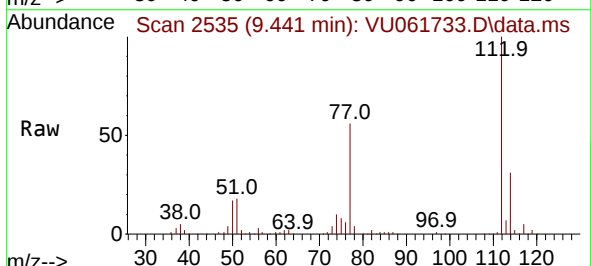
RT: 9.441 min Scan# 2535

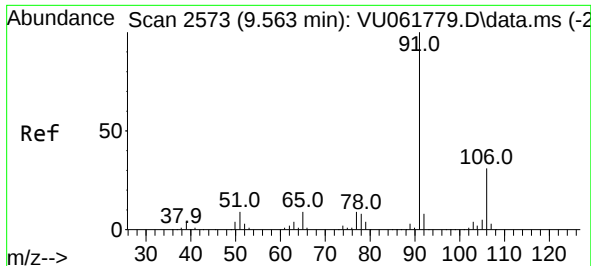
Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Tgt Ion:	112	Resp:	191956
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.5	41.9
77	55.9	45.3	67.9

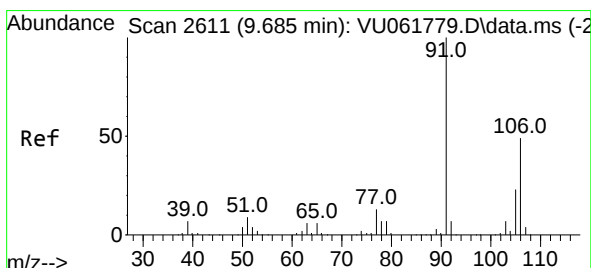
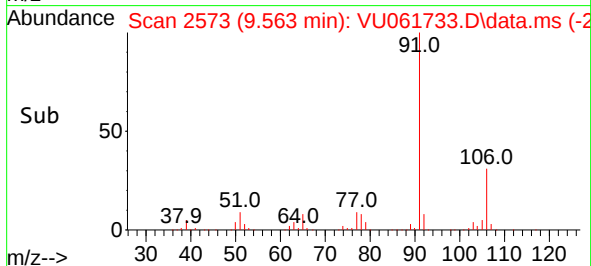
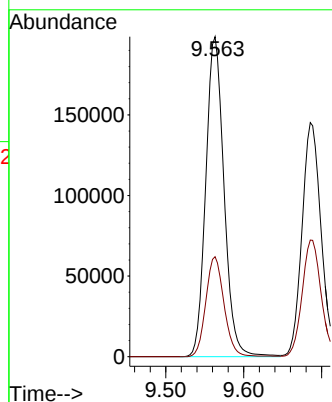
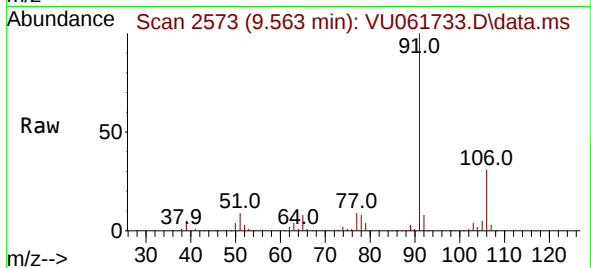




#52
Ethylbenzene
Concen: 5.173 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

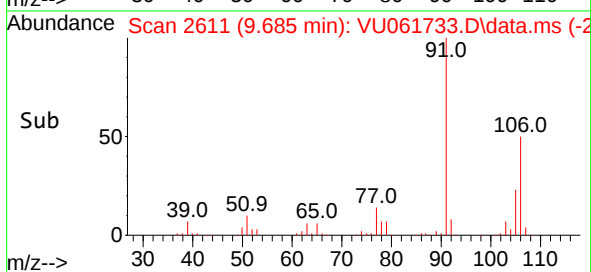
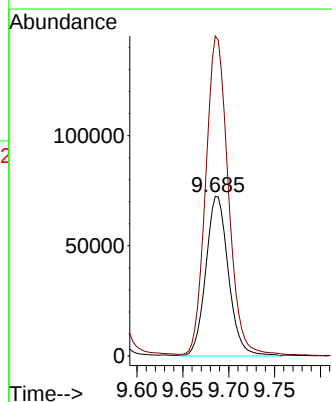
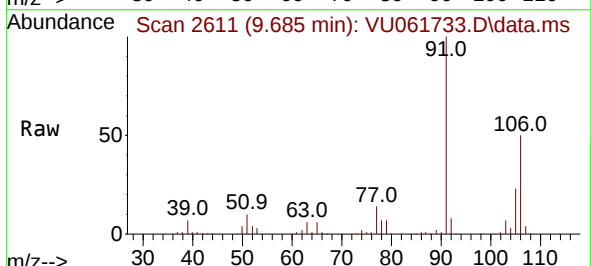
Instrument :
MSVOA_U
ClientSampleId :

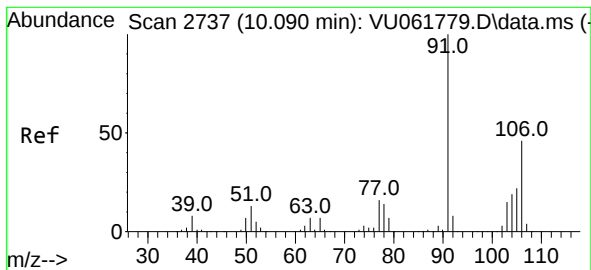
Tgt Ion: 91 Resp: 322834
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 5.209 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion:106 Resp: 124385
Ion Ratio Lower Upper
106 100
91 200.6 140.4 260.8





#54

o-Xylene

Concen: 5.147 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

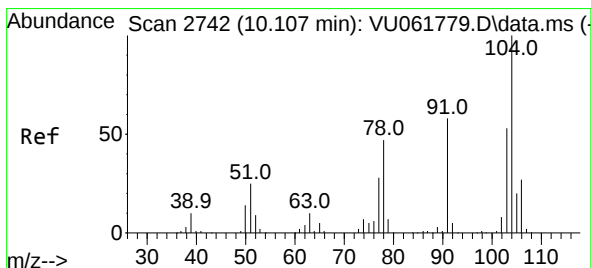
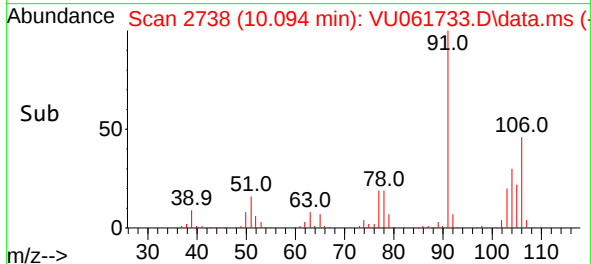
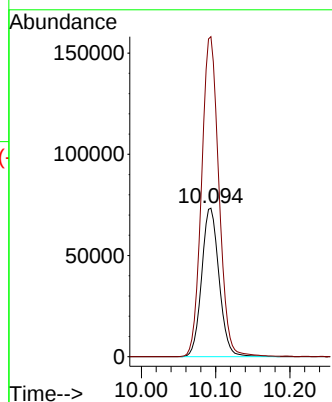
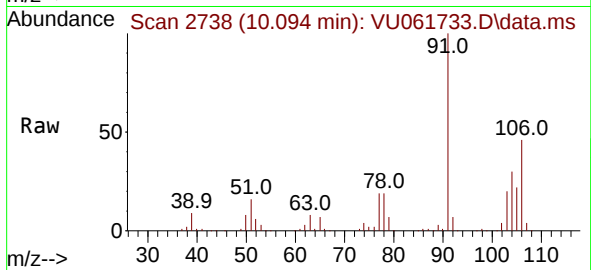
ClientSampleId :

Tgt Ion:106 Resp: 119473

Ion Ratio Lower Upper

106 100

91 215.5 151.3 280.9



#55

Styrene

Concen: 5.252 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061733.D

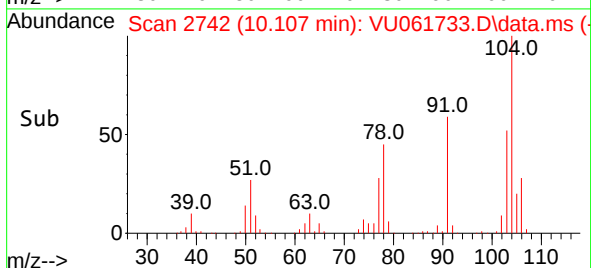
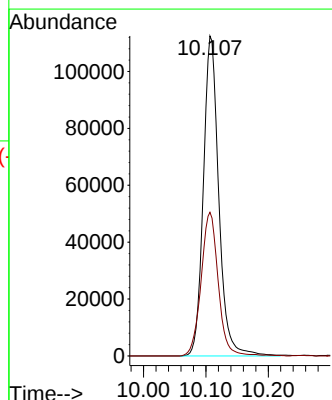
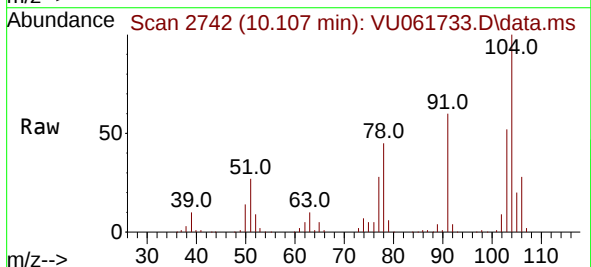
Acq: 16 Nov 2024 09:17

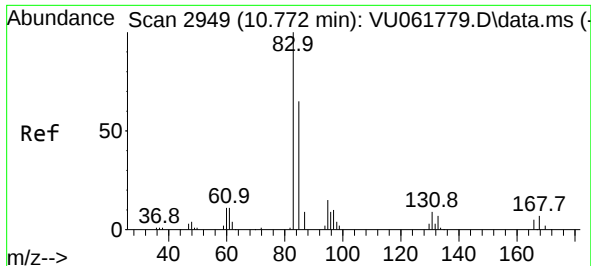
Tgt Ion:104 Resp: 194099

Ion Ratio Lower Upper

104 100

78 44.9 31.6 58.6

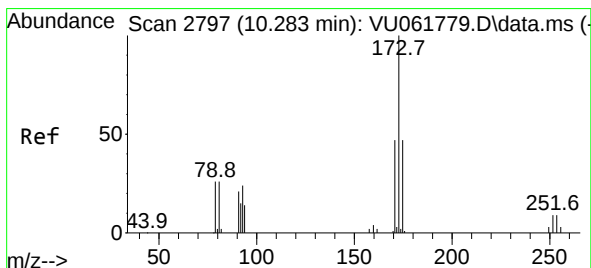
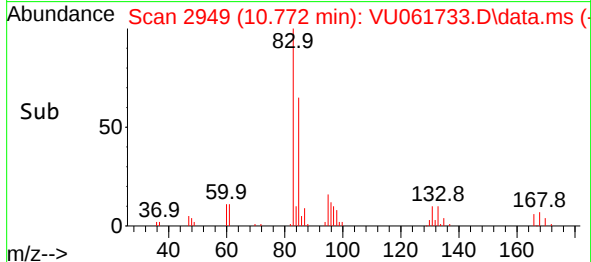
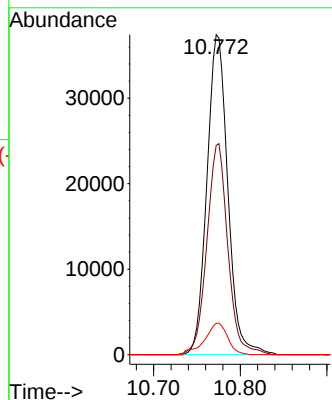
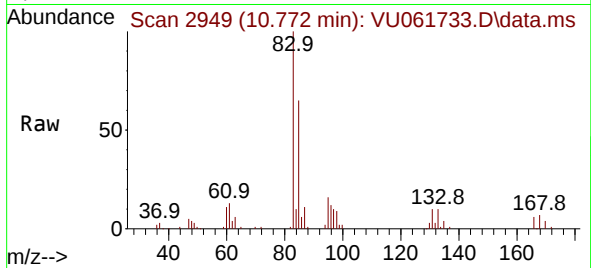




#57
1,1,2,2-Tetrachloroethane
Concen: 5.127 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

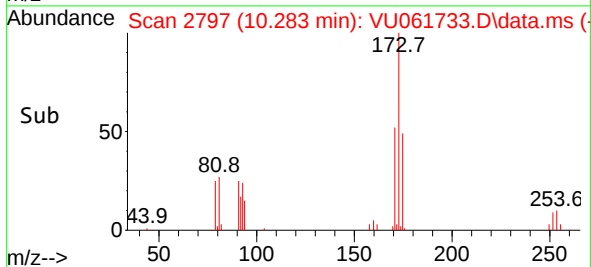
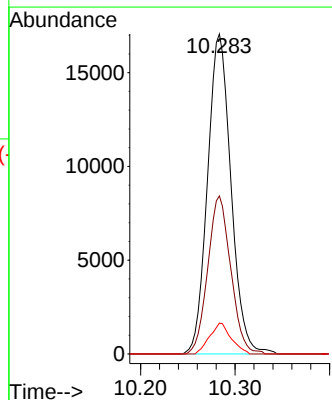
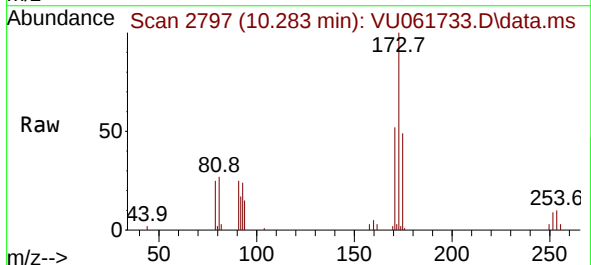
Instrument :
MSVOA_U
ClientSampleId :

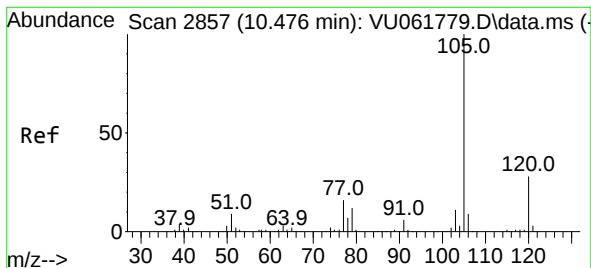
Tgt Ion: 83 Resp: 62790
Ion Ratio Lower Upper
83 100
85 65.4 41.9 77.9
131 9.8 7.8 11.6



#59
Bromoform
Concen: 5.100 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion:173 Resp: 29401
Ion Ratio Lower Upper
173 100
175 48.3 39.3 58.9
254 8.8 7.8 11.8





#60

Isopropylbenzene

Concen: 5.218 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061733.D

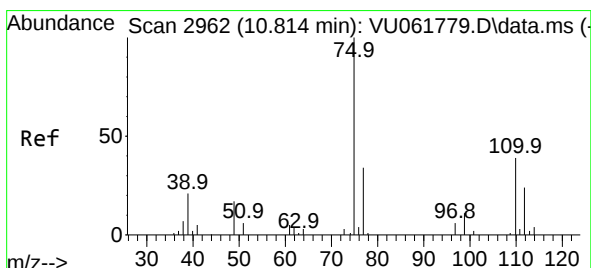
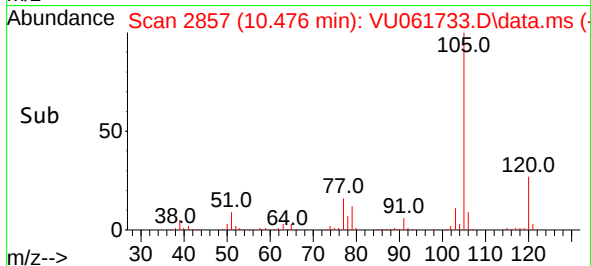
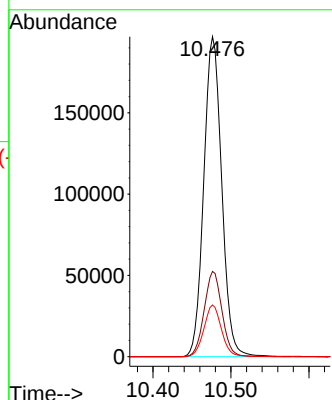
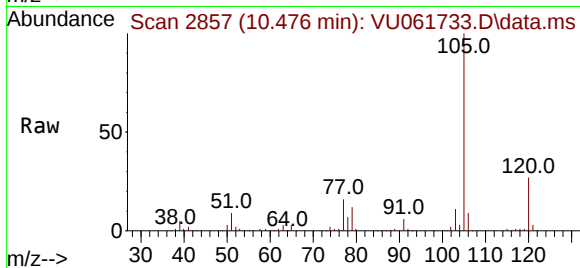
Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	315163
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.6	32.4
77	15.8	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.181 ug/L

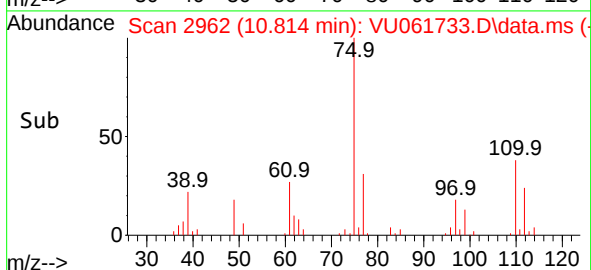
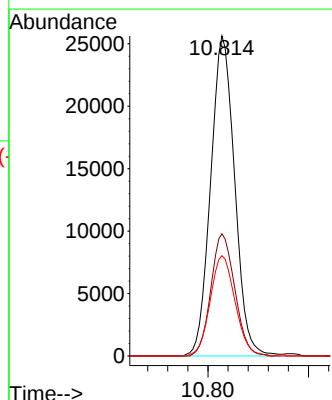
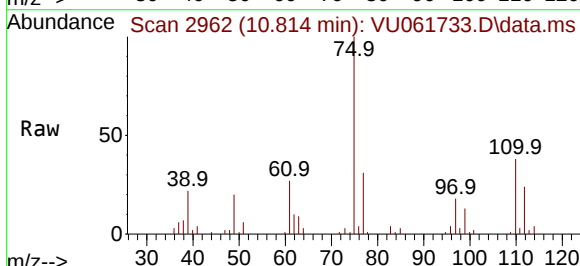
RT: 10.814 min Scan# 2962

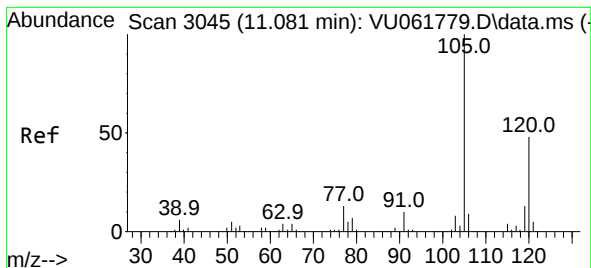
Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Tgt Ion:	75	Resp:	42507
Ion	Ratio	Lower	Upper
75	100		
110	37.9	31.3	46.9
77	32.4	26.0	39.0





#62

1,3,5-Trimethylbenzene

Concen: 5.137 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061733.D

Acq: 16 Nov 2024 09:17

Instrument :

MSVOA_U

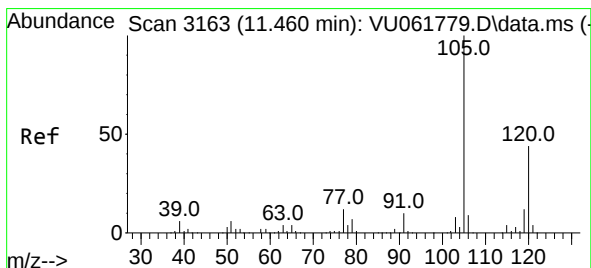
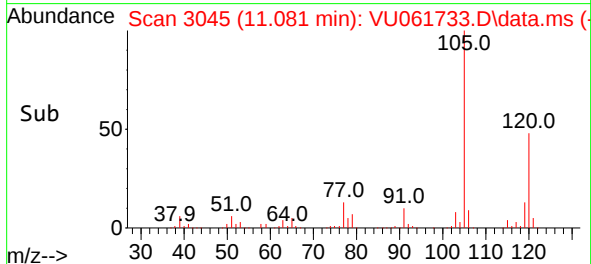
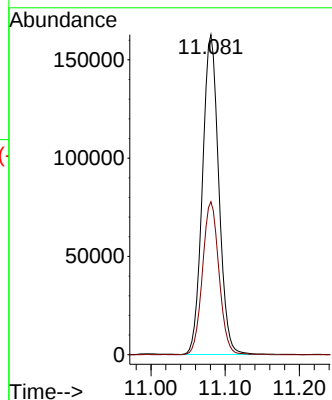
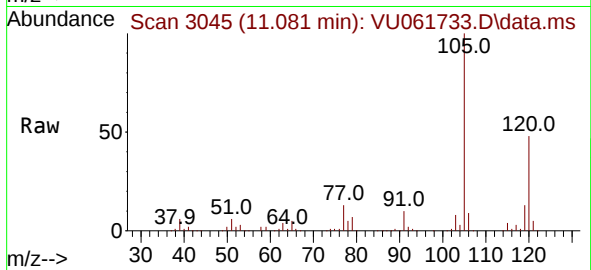
ClientSampleId :

Tgt Ion:105 Resp: 248424

Ion Ratio Lower Upper

105 100

120 48.4 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.262 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061733.D

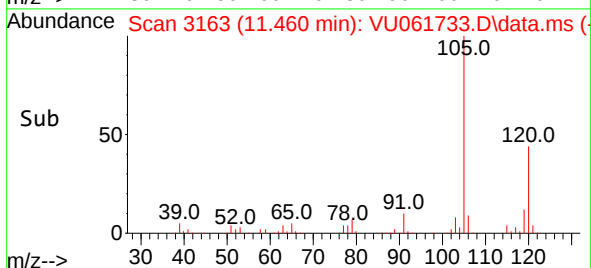
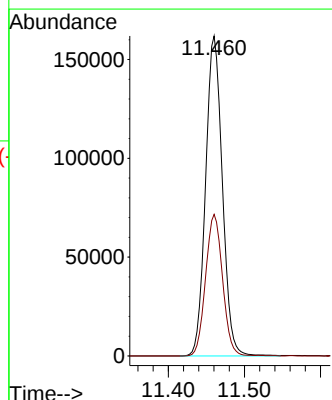
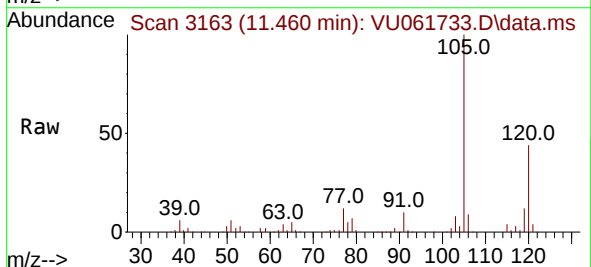
Acq: 16 Nov 2024 09:17

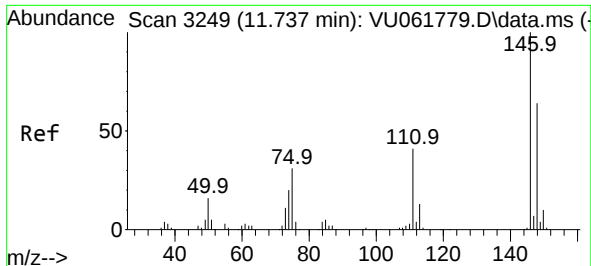
Tgt Ion:105 Resp: 247713

Ion Ratio Lower Upper

105 100

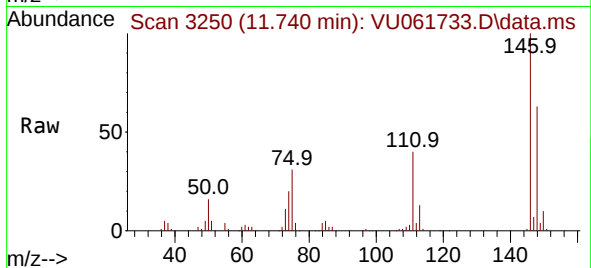
120 44.9 36.3 54.5



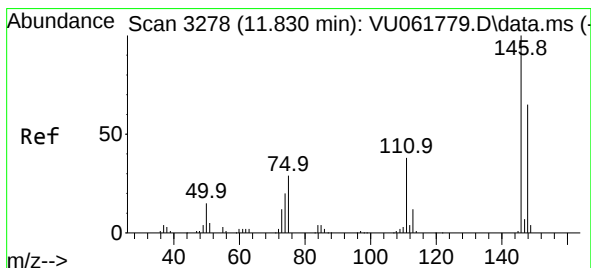
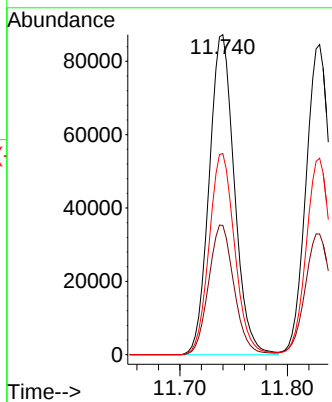
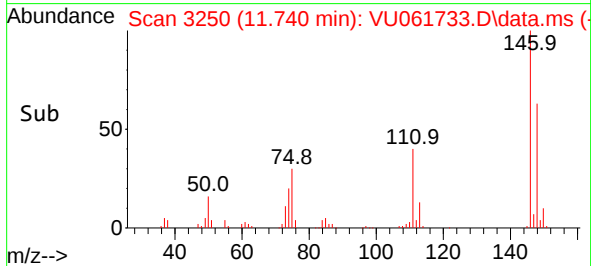


#64
1,3-Dichlorobenzene
Concen: 5.129 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Instrument :
MSVOA_U
ClientSampleId :

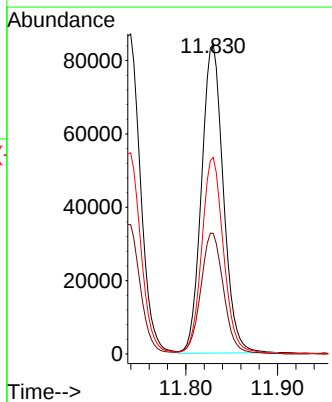
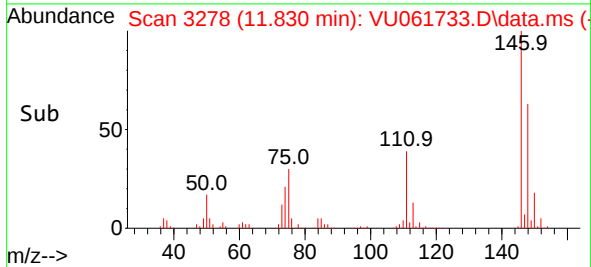
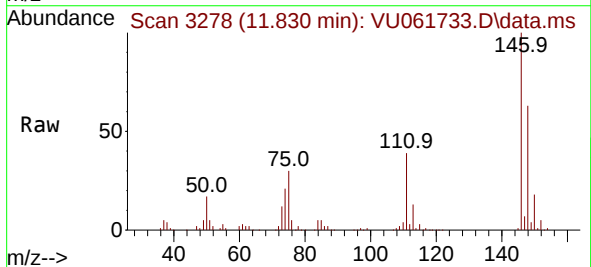


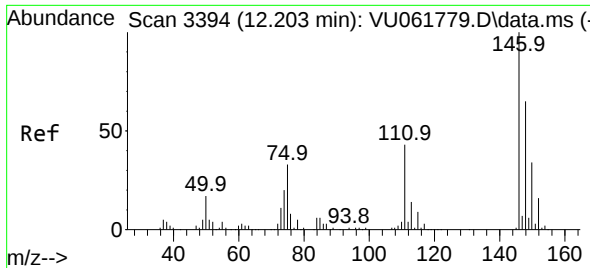
Tgt Ion:146 Resp: 142063
Ion Ratio Lower Upper
146 100
111 40.4 29.3 54.3
148 62.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.942 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion:146 Resp: 139009
Ion Ratio Lower Upper
146 100
111 38.9 28.8 53.4
148 63.4 44.7 83.1

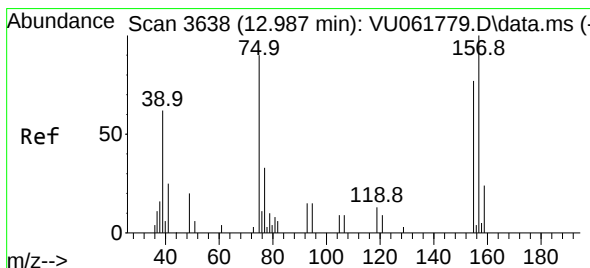
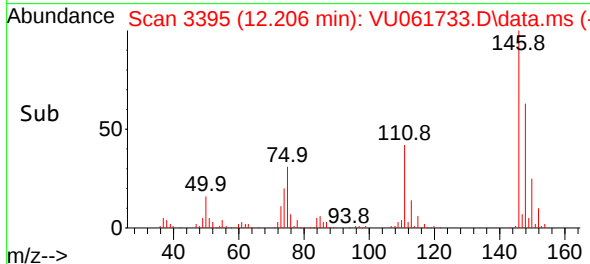
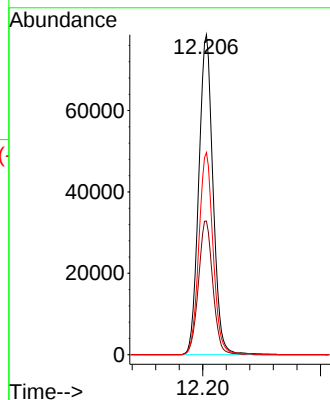
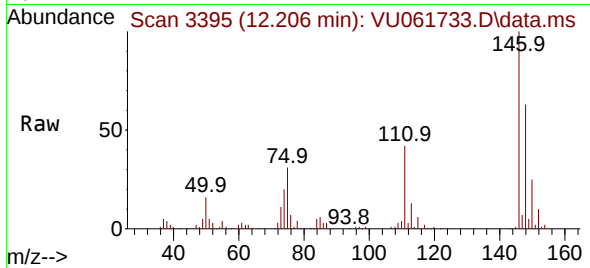




#67
1,2-Dichlorobenzene
Concen: 5.117 ug/L
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

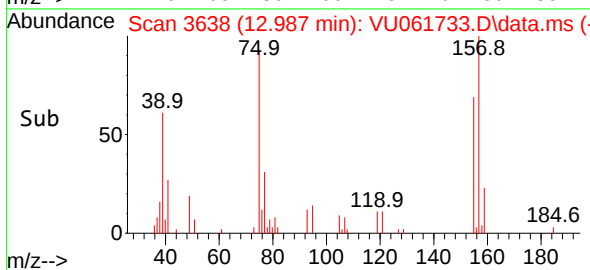
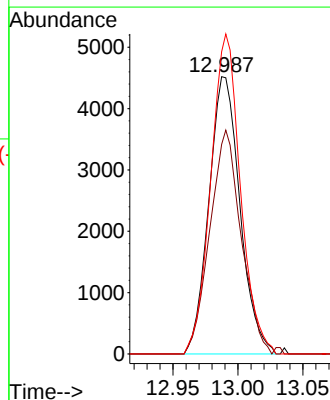
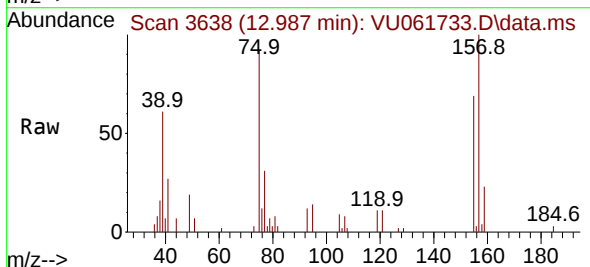
Instrument :
MSVOA_U
ClientSampleId :

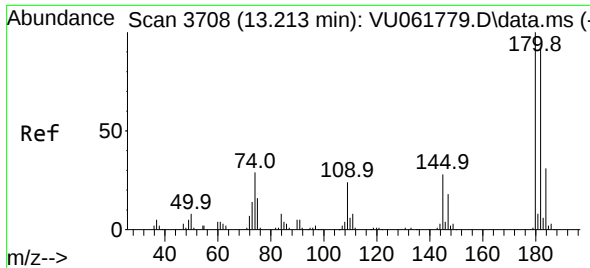
Tgt Ion:146 Resp: 131824
Ion Ratio Lower Upper
146 100
111 41.7 35.2 52.8
148 63.2 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.244 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

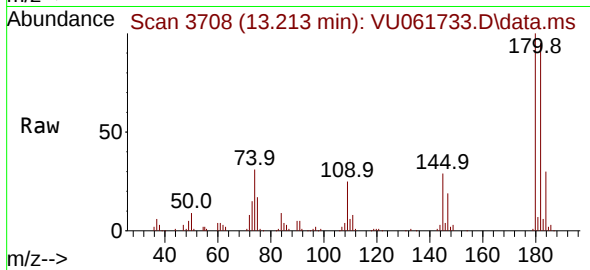
Tgt Ion: 75 Resp: 7513
Ion Ratio Lower Upper
75 100
155 75.6 62.6 93.8
157 109.0 84.9 127.3



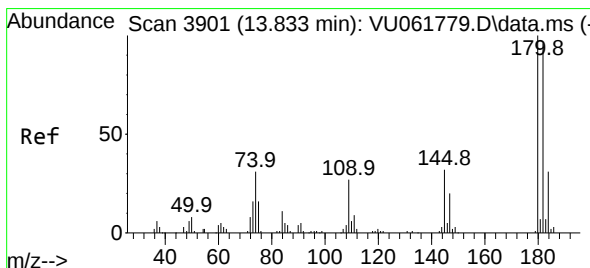
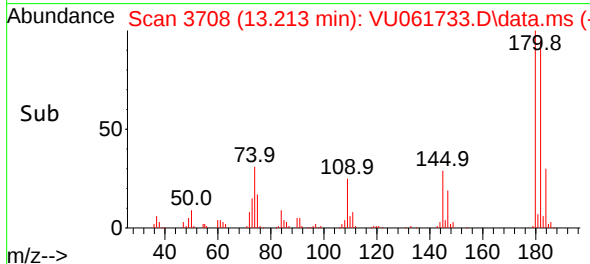
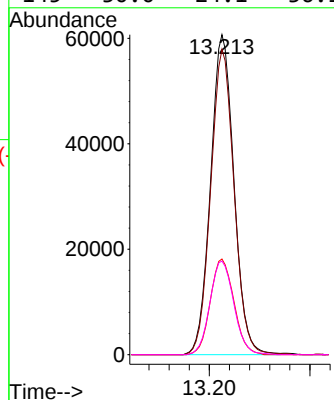


#69
 1,3,5-Trichlorobenzene
 Concen: 5.064 ug/L
 RT: 13.213 min Scan# 3708
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

Instrument :
 MSVOA_U
 ClientSampleId :

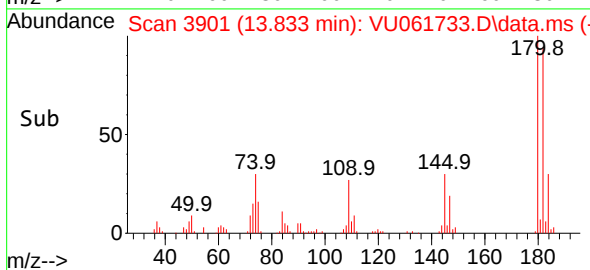
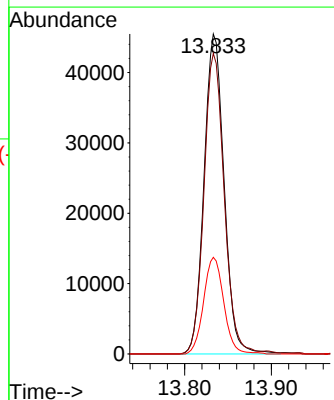
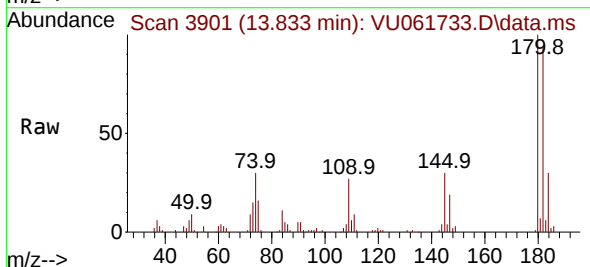


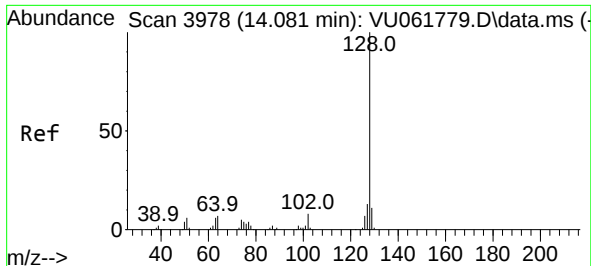
Tgt Ion:	180	Resp:	97944
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.1	115.7
184	30.2	24.7	37.1
145	30.0	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.884 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061733.D
 Acq: 16 Nov 2024 09:17

Tgt Ion:	180	Resp:	73203
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.4	116.0
145	30.3	24.5	36.7

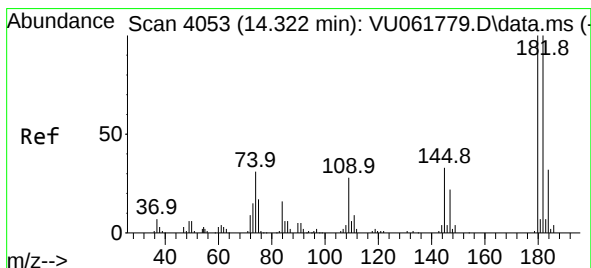
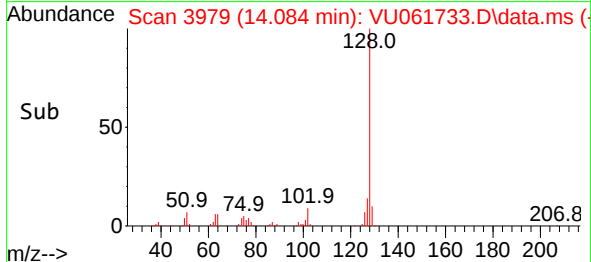
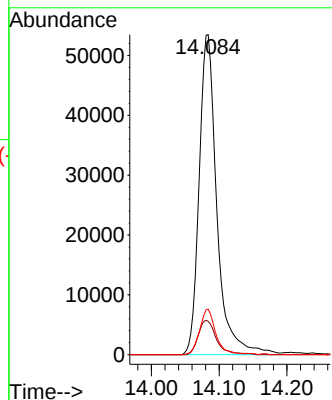
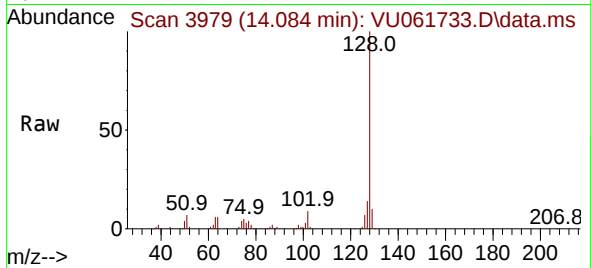




#71
Naphthalene
Concen: 4.518 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 97231
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.800 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061733.D
Acq: 16 Nov 2024 09:17

Tgt Ion:180 Resp: 60396
Ion Ratio Lower Upper
180 100
182 93.3 76.6 114.8
145 31.1 26.3 39.5

