

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060847.D
 Acq On : 17 Sep 2024 20:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:22:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58594	4.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.911	69	46262	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.563	65	22849	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.637	46	116653	52.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	5.055	84	103373	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.692	65	50676	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	205462	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	64108	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	198253	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.174	79	23693	4.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.627	63	100609	52.300	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53315	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	70282	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54757	4.709	ug/L	96
3) Chloromethane	1.515	50	54450	4.433	ug/L	98
5) Vinyl chloride	1.602	62	60537	4.553	ug/L	99
6) Bromomethane	1.856	94	39334	4.629	ug/L	94
8) Chloroethane	1.933	64	37212	4.581	ug/L	98
9) Trichlorofluoromethane	2.136	101	89314	4.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50661	4.774	ug/L	97
12) 1,1-Dichloroethene	2.573	96	48515	5.006	ug/L	88
13) Acetone	2.660	43	69076	46.546	ug/L	99
14) Carbon disulfide	2.788	76	122407	4.553	ug/L	98
15) Methyl Acetate	2.962	43	17187	4.750	ug/L	97
16) Methylene chloride	3.039	84	53279	4.748	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	111397	5.086	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	47619	4.742	ug/L	95
19) 1,1-Dichloroethane	3.862	63	96420	4.783	ug/L	98
21) 2-Butanone	4.714	43	114148	47.251	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	54440	4.899	ug/L	94
23) Bromochloromethane	4.965	128	27714	5.280	ug/L	92
25) Chloroform	5.078	83	101121	4.810	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060847.D
 Acq On : 17 Sep 2024 20:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

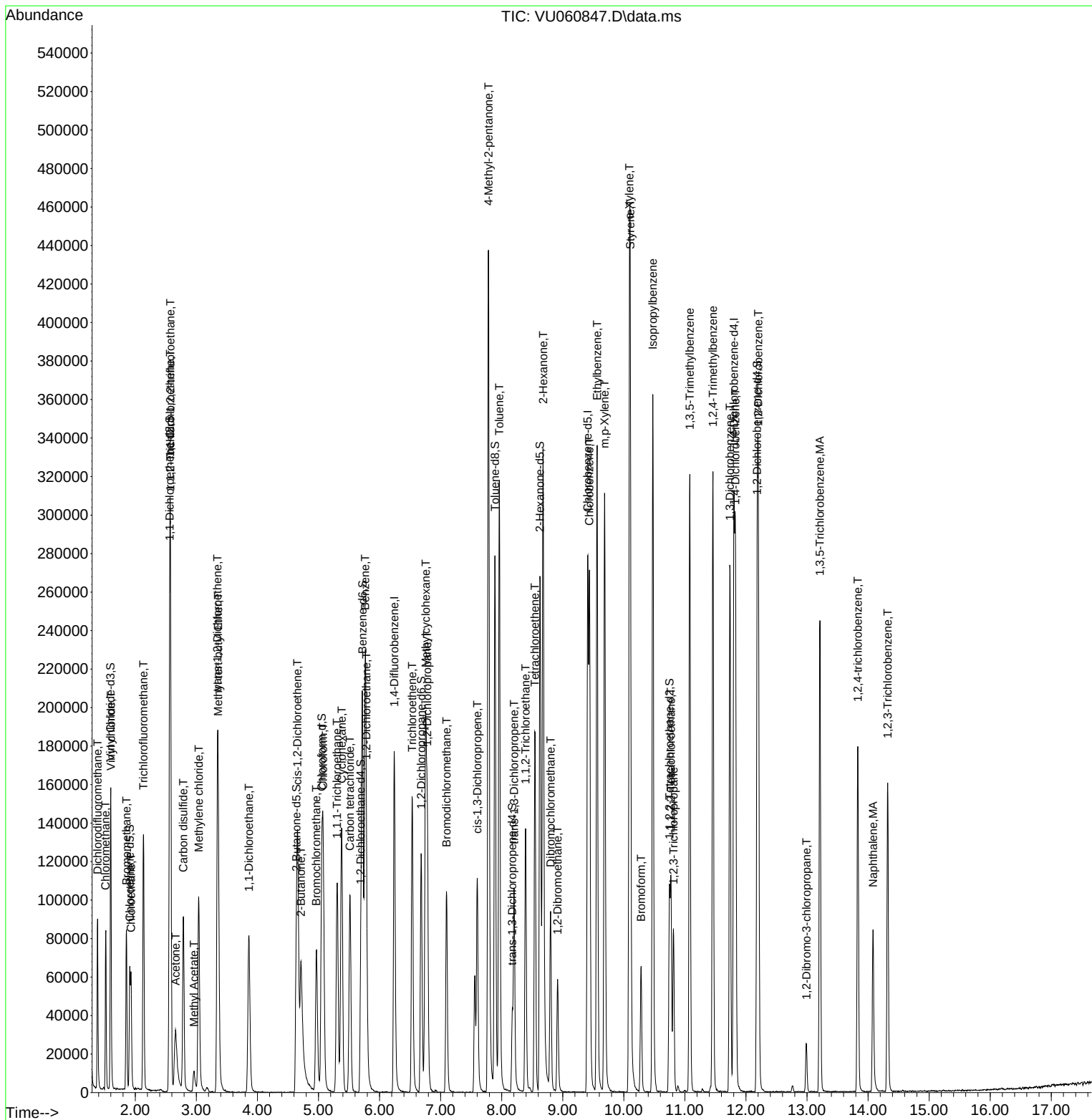
Instrument :
 MSVOA_U
 ClientSampleId :

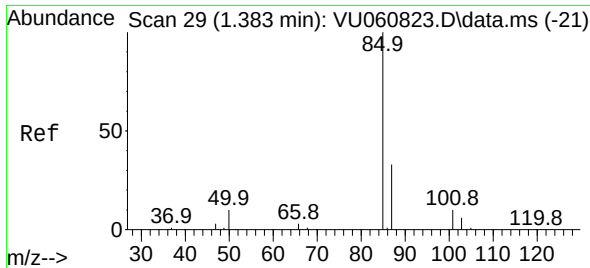
Quant Time: Sep 18 01:22:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59631	4.895	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84257	4.777	ug/L	99
30) Cyclohexane	5.380	56	63762	4.398	ug/L	95
31) Carbon tetrachloride	5.515	117	74323	4.760	ug/L	100
33) Benzene	5.766	78	215937	4.807	ug/L	100
34) Trichloroethene	6.534	95	55146	4.683	ug/L	96
35) Methylcyclohexane	6.756	83	71160	4.405	ug/L	99
37) 1,2-Dichloropropane	6.782	63	57988	4.685	ug/L #	95
38) Bromodichloromethane	7.097	83	70833	4.665	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	76049	4.619	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	294540	50.957	ug/L	99
42) Toluene	7.962	91	248256	5.286	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	64908	4.794	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	43988	4.922	ug/L	95
47) Tetrachloroethene	8.544	164	44348	4.739	ug/L	98
48) 2-Hexanone	8.679	43	217464	51.615	ug/L	99
49) Dibromochloromethane	8.801	129	50003	4.915	ug/L	94
50) 1,2-Dibromoethane	8.917	107	39828	4.994	ug/L	97
51) Chlorobenzene	9.438	112	153450	4.865	ug/L	98
52) Ethylbenzene	9.563	91	239855	4.851	ug/L	99
53) m,p-Xylene	9.685	106	94140	5.021	ug/L	95
54) o-Xylene	10.094	106	88814	4.800	ug/L	100
55) Styrene	10.106	104	158033	5.068	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	55035	4.938	ug/L	98
59) Bromoform	10.283	173	31336	4.963	ug/L	98
60) Isopropylbenzene	10.476	105	233282	4.699	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37149	4.754	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	174607	4.525	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	177776	4.663	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	120525	4.828	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	120301	4.662	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	113823	4.822	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6656	4.362	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	83183	4.454	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	60080	4.567	ug/L	99
71) Naphthalene	14.084	128	76552	4.412	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54386	4.786	ug/L	97

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

Quant Time: Sep 18 01:22:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration

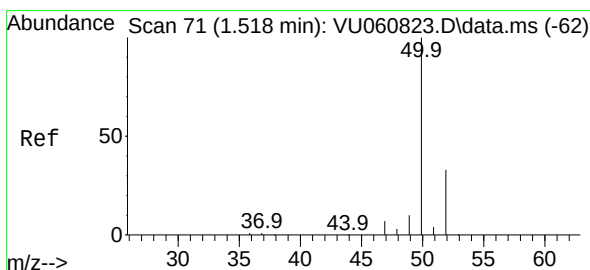
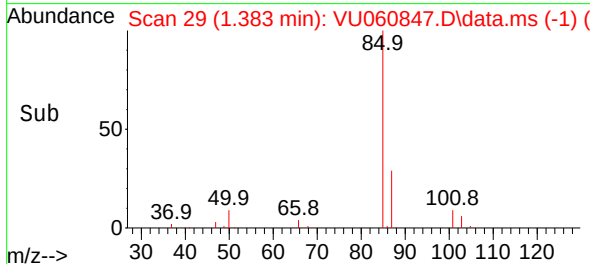
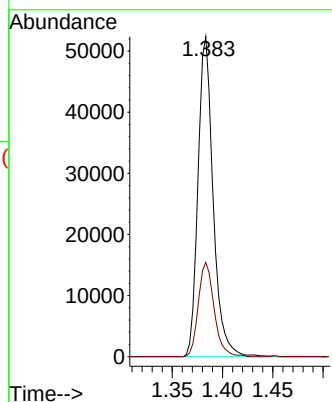
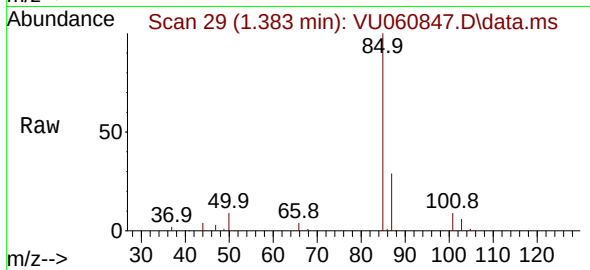




#2
 Dichlorodifluoromethane
 Concen: 4.709 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

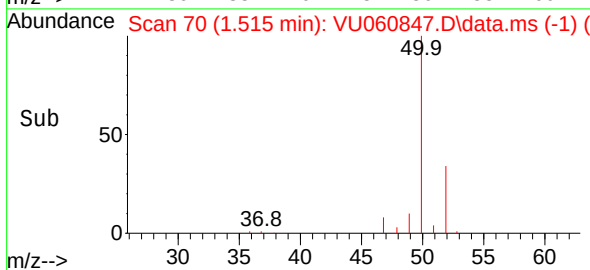
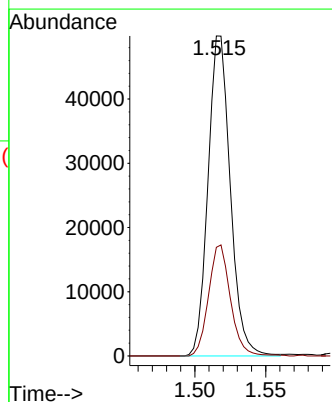
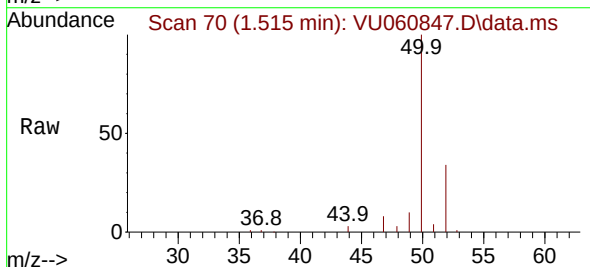
Instrument :
 MSVOA_U
 ClientSampleId :

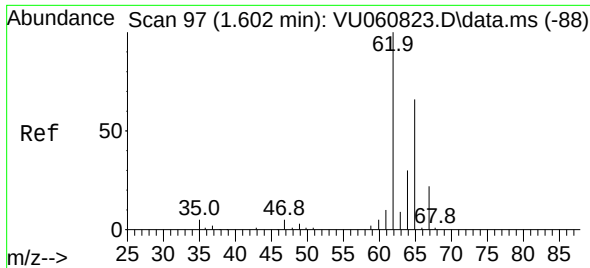
Tgt Ion: 85 Resp: 54757
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.2 39.2



#3
 Chloromethane
 Concen: 4.433 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

Tgt Ion: 50 Resp: 54450
 Ion Ratio Lower Upper
 50 100
 52 33.9 24.4 45.4

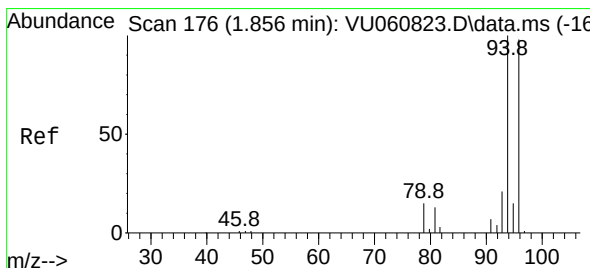
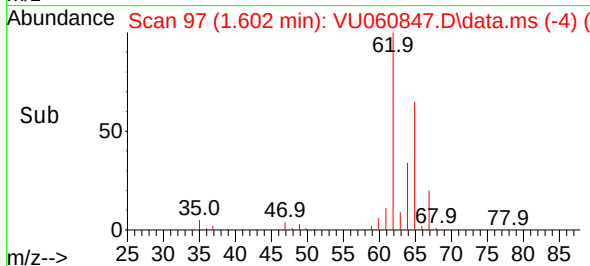
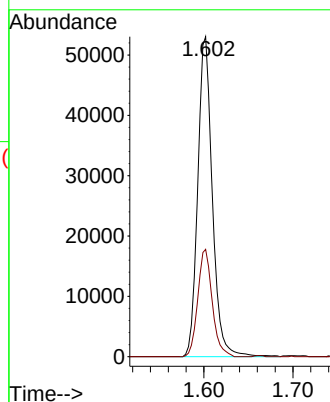
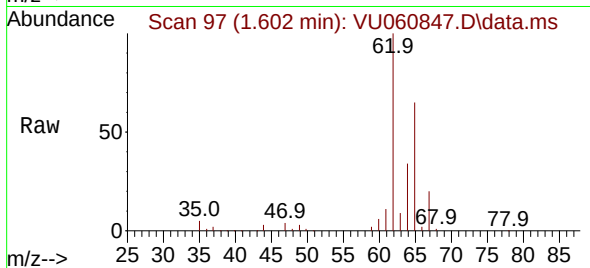




#5
 Vinyl chloride
 Concen: 4.553 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

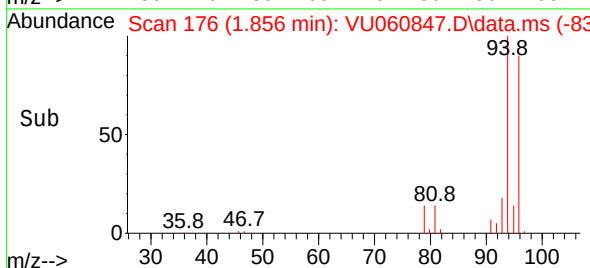
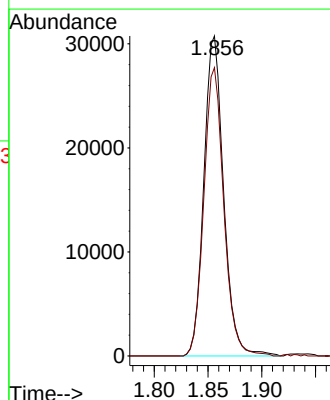
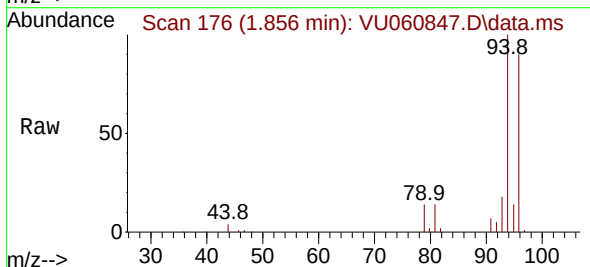
Instrument :
 MSVOA_U
 ClientSampleId :

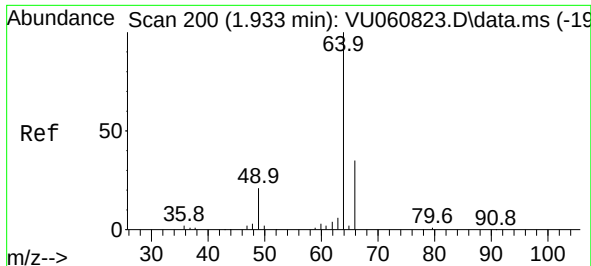
Tgt Ion: 62 Resp: 60537
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.0 44.6



#6
 Bromomethane
 Concen: 4.629 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

Tgt Ion: 94 Resp: 39334
 Ion Ratio Lower Upper
 94 100
 96 90.1 67.3 124.9

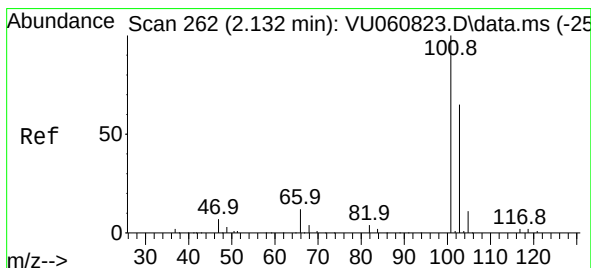
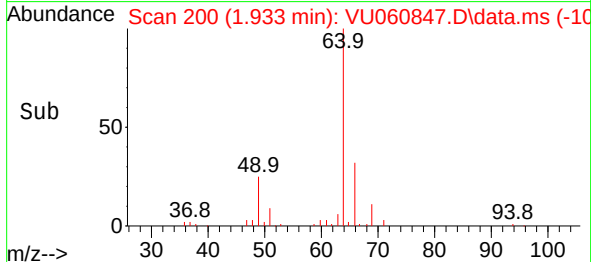
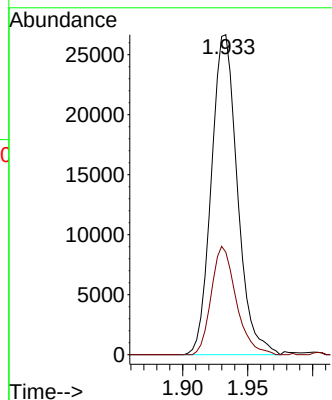
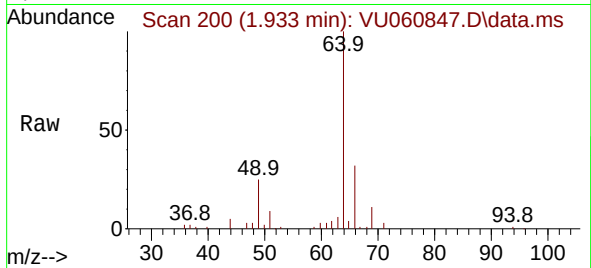




#8
Chloroethane
Concen: 4.581 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

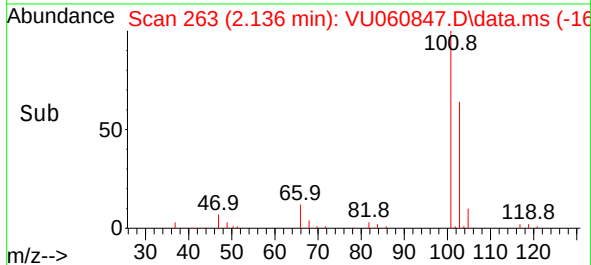
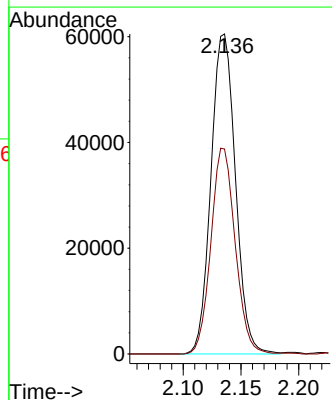
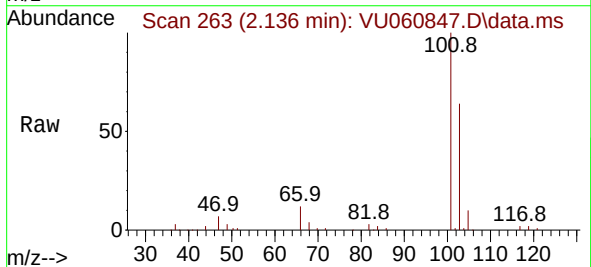
Instrument :
MSVOA_U
ClientSampleId :

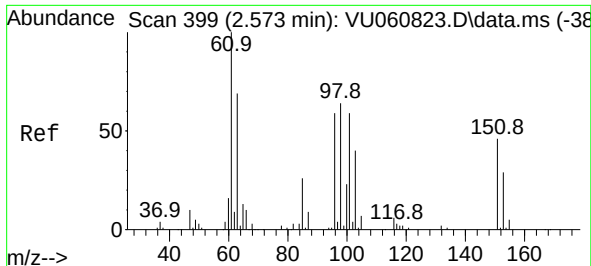
Tgt Ion: 64 Resp: 37212
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.891 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:101 Resp: 89314
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

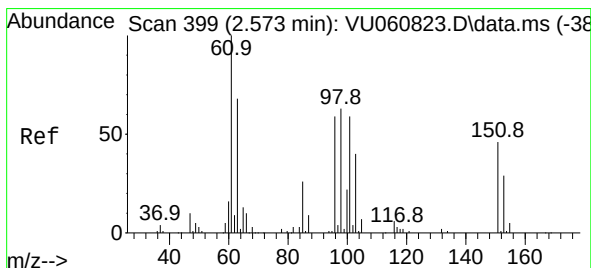
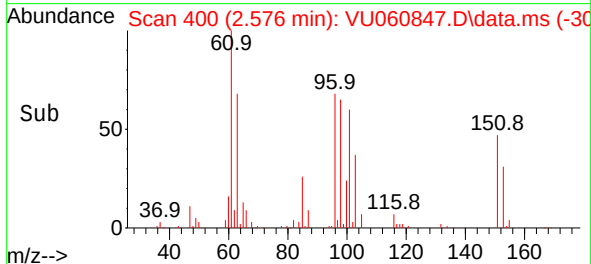
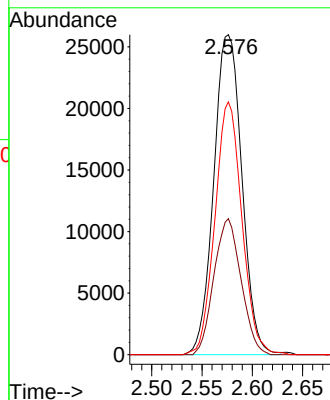
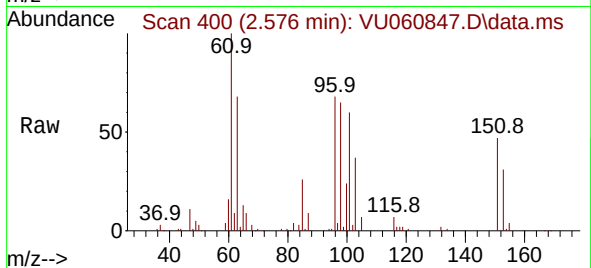




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.774 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

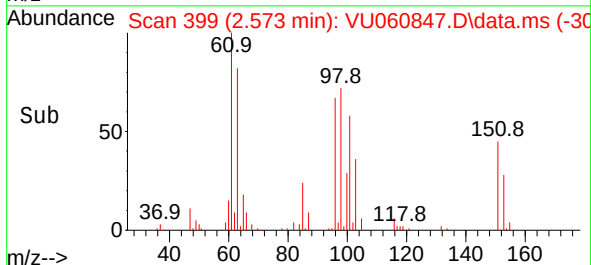
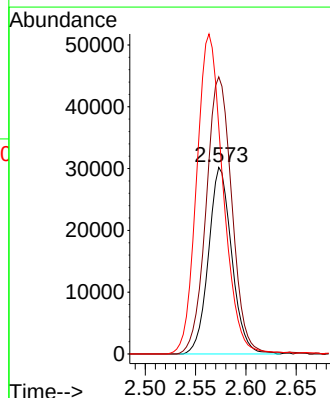
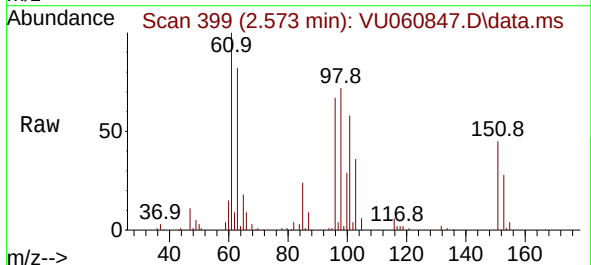
Instrument :
 MSVOA_U
 ClientSampleId :

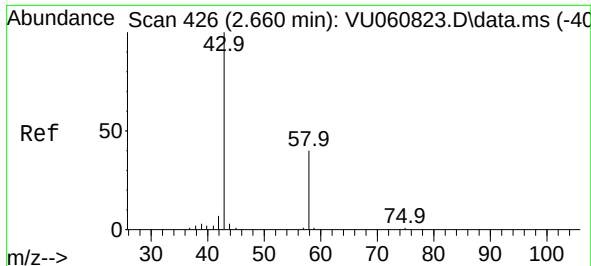
Tgt Ion:101 Resp: 50661
 Ion Ratio Lower Upper
 101 100
 85 40.9 34.2 51.4
 151 75.6 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.006 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

Tgt Ion: 96 Resp: 48515
 Ion Ratio Lower Upper
 96 100
 61 148.5 120.7 224.1
 63 121.7 90.0 167.2





#13

Acetone

Concen: 46.546 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

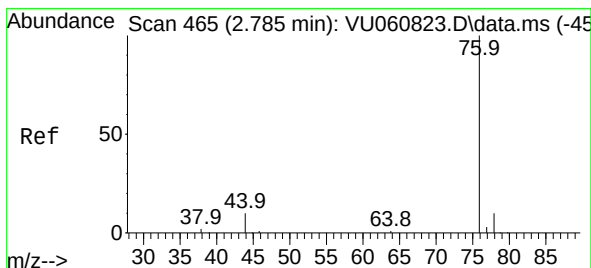
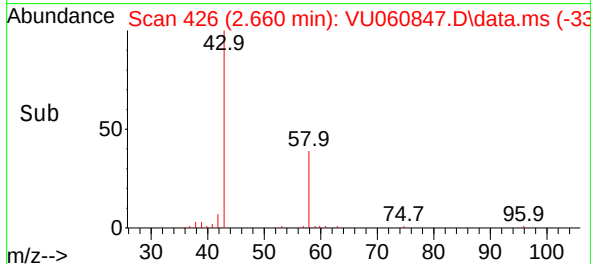
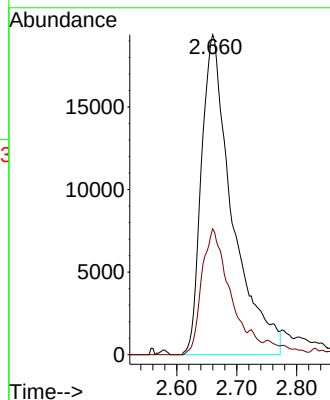
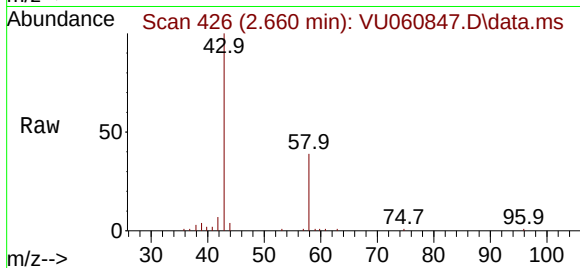
ClientSampleId :

Tgt Ion: 43 Resp: 69076

Ion Ratio Lower Upper

43 100

58 34.4 0.0 69.6



#14

Carbon disulfide

Concen: 4.553 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060847.D

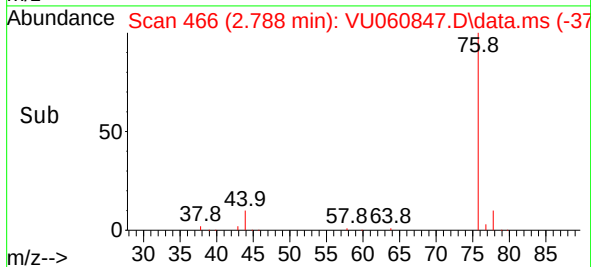
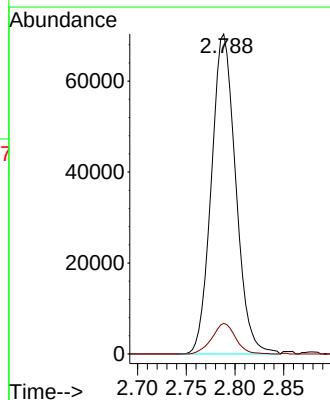
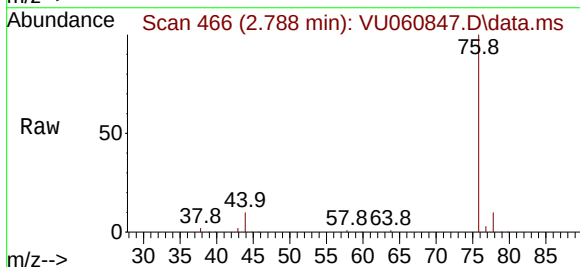
Acq: 17 Sep 2024 20:58

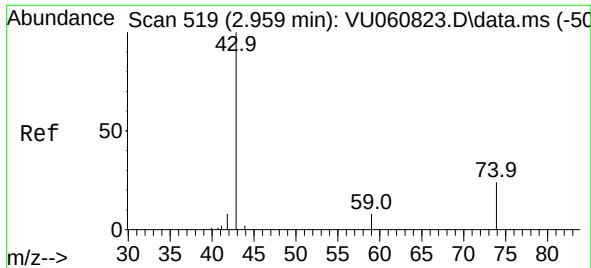
Tgt Ion: 76 Resp: 122407

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

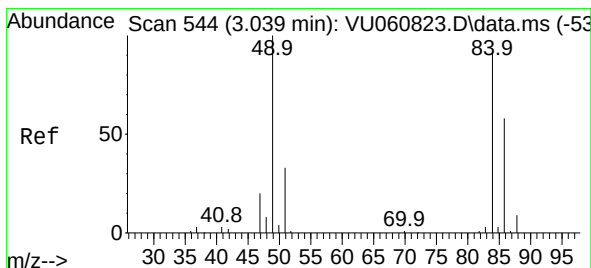
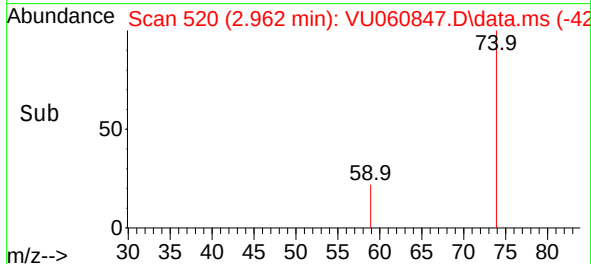
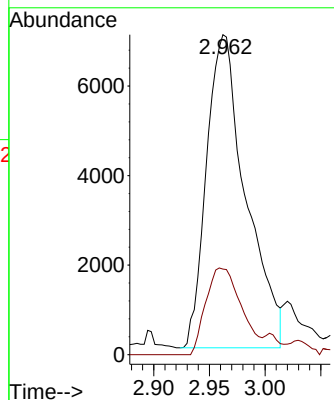
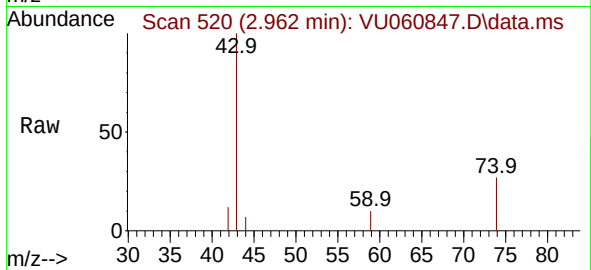




#15
Methyl Acetate
Concen: 4.750 ug/L
RT: 2.962 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

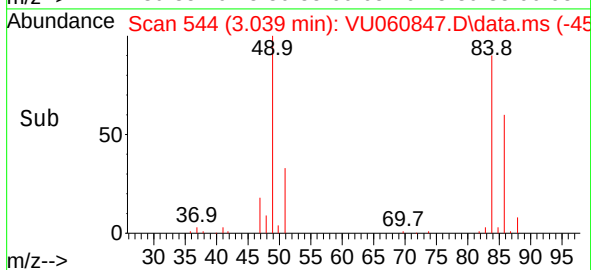
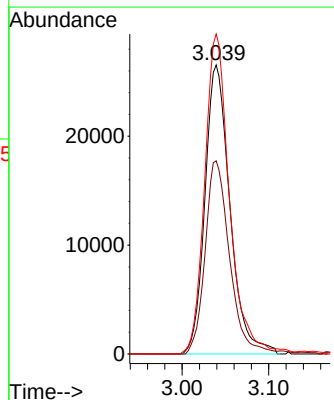
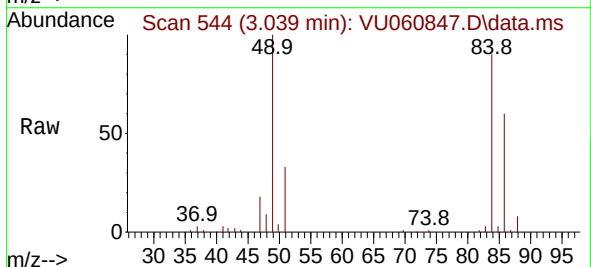
Instrument :
MSVOA_U
ClientSampleId :

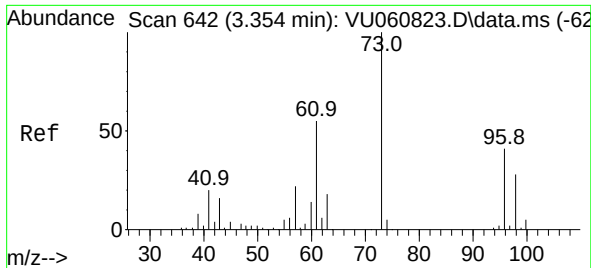
Tgt Ion: 43 Resp: 17187
Ion Ratio Lower Upper
43 100
74 25.2 18.9 28.3



#16
Methylene chloride
Concen: 4.748 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

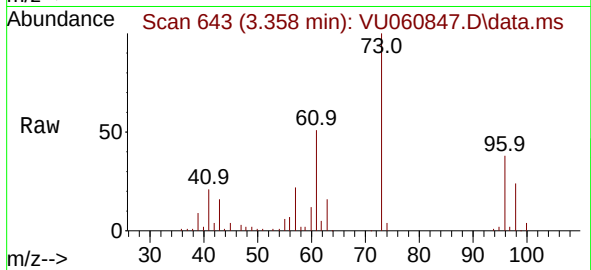
Tgt Ion: 84 Resp: 53279
Ion Ratio Lower Upper
84 100
86 66.8 47.3 87.8
49 115.6 78.7 146.1



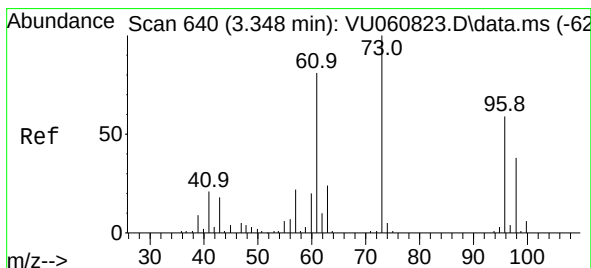
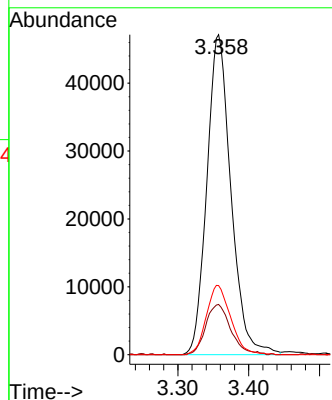
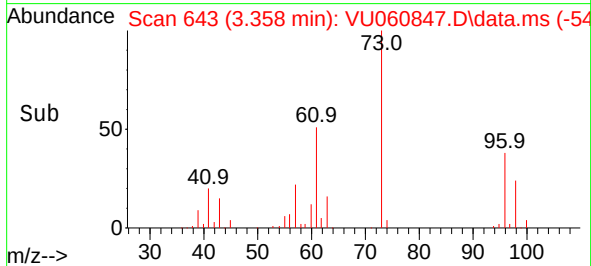


#17
Methyl tert-butyl Ether
Concen: 5.086 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Instrument :
MSVOA_U
ClientSampleId :

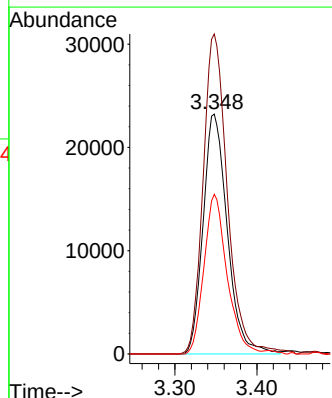
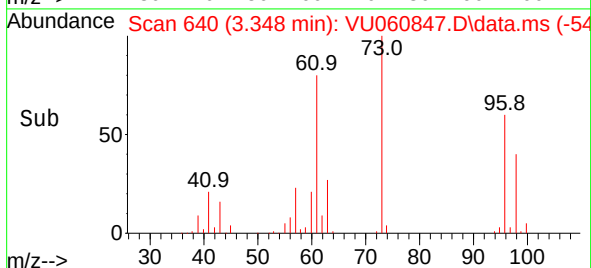
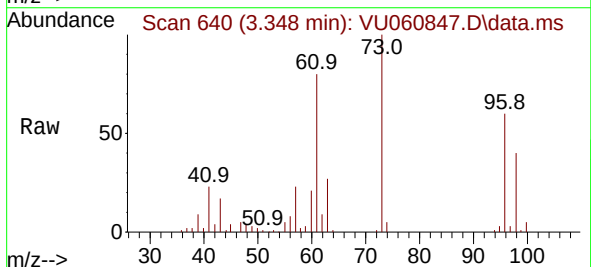


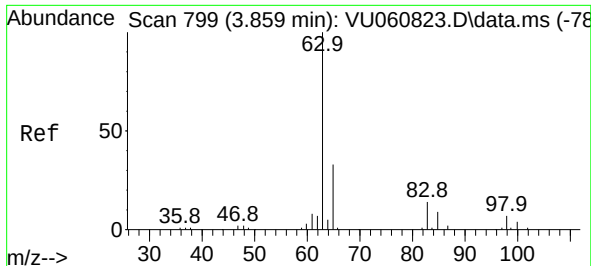
Tgt Ion: 73 Resp: 111397
Ion Ratio Lower Upper
73 100
43 16.4 13.8 20.8
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.742 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

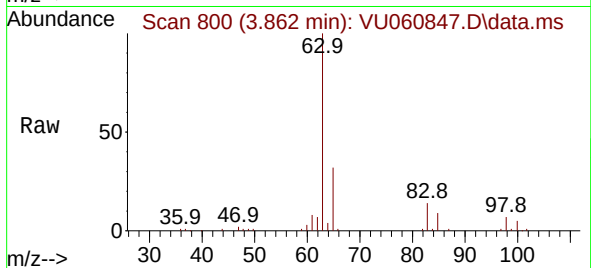
Tgt Ion: 96 Resp: 47619
Ion Ratio Lower Upper
96 100
61 133.4 97.2 180.6
98 66.6 43.3 80.5



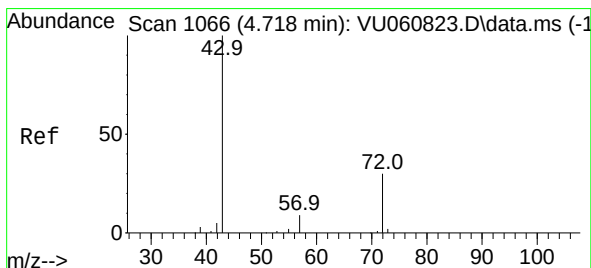
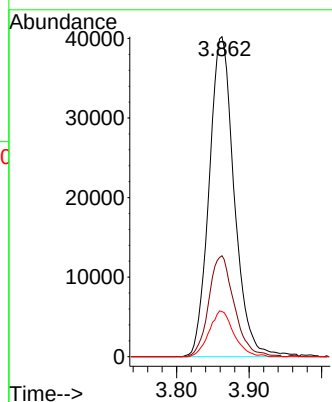
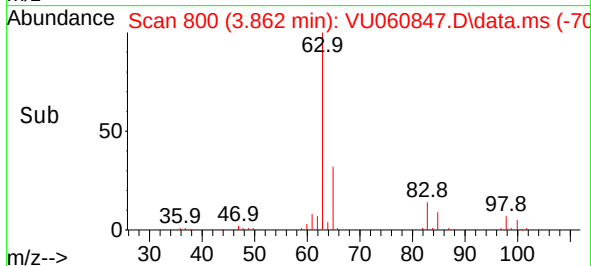


#19
1,1-Dichloroethane
Concen: 4.783 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Instrument :
MSVOA_U
ClientSampleId :

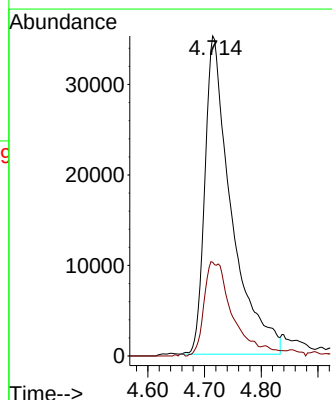
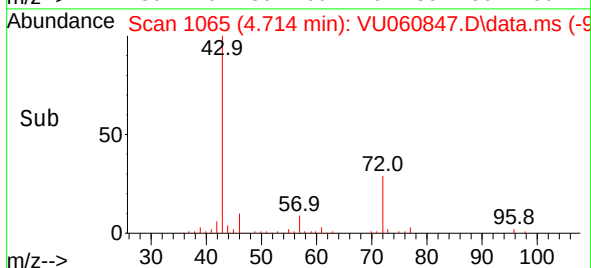
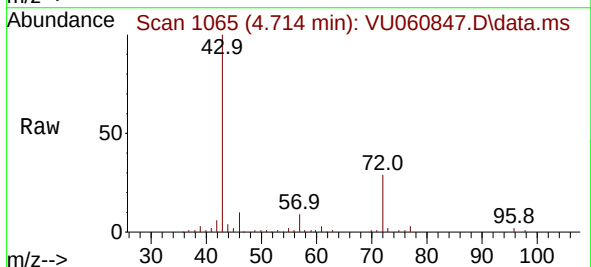


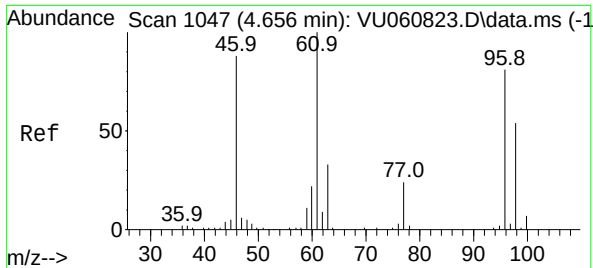
Tgt Ion:	63	Resp:	96420
Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.0	42.8
83	14.1	9.0	16.6



#21
2-Butanone
Concen: 47.251 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:	43	Resp:	114148
Ion	Ratio	Lower	Upper
43	100		
72	30.4	14.8	44.3





#22

cis-1,2-Dichloroethene

Concen: 4.899 ug/L

RT: 4.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

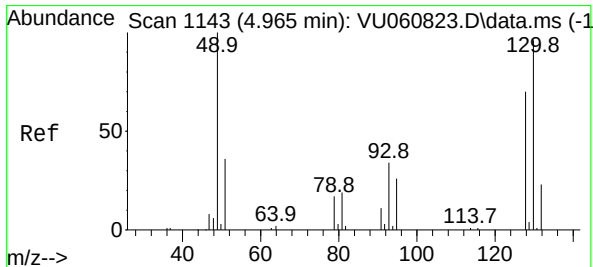
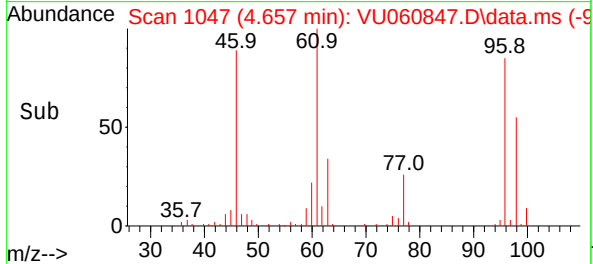
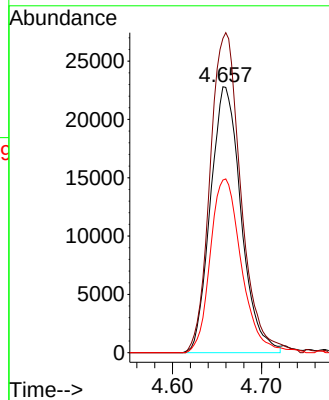
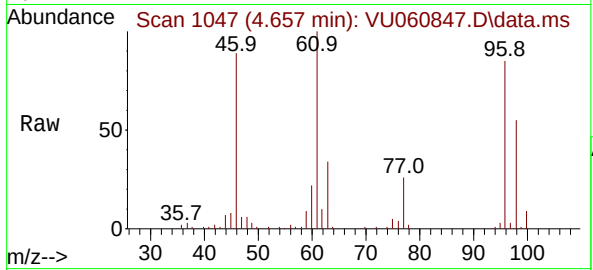
Tgt Ion: 96 Resp: 54440

Ion Ratio Lower Upper

96 100

61 118.2 89.7 166.5

98 64.9 45.1 83.9



#23

Bromochloromethane

Concen: 5.280 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Tgt Ion:128 Resp: 27714

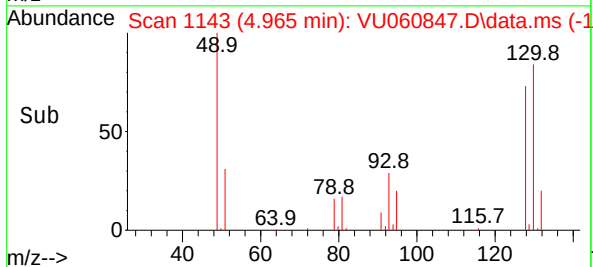
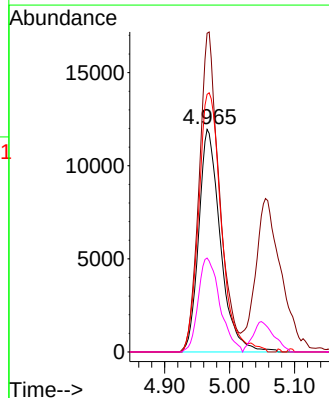
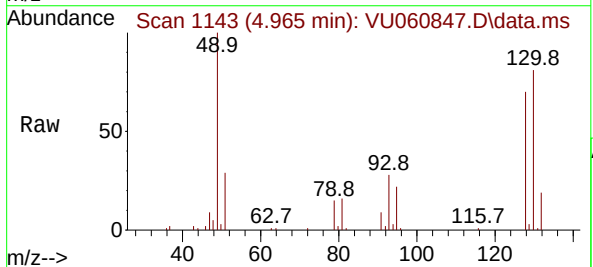
Ion Ratio Lower Upper

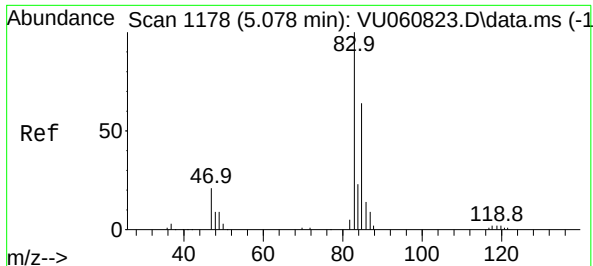
128 100

49 147.4 109.6 203.6

130 115.8 87.8 163.0

51 42.2 37.3 55.9





#25

Chloroform

Concen: 4.810 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

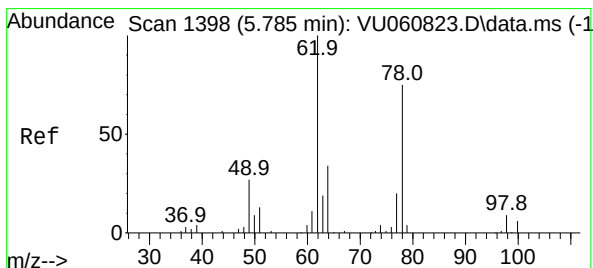
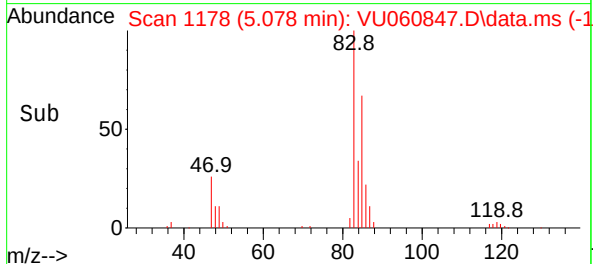
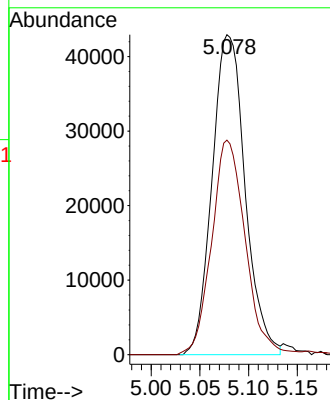
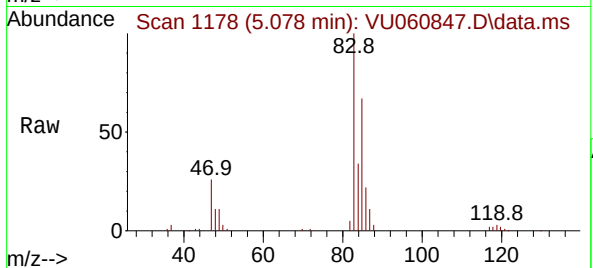
ClientSampleId :

Tgt Ion: 83 Resp: 101121

Ion Ratio Lower Upper

83 100

85 67.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.895 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU060847.D

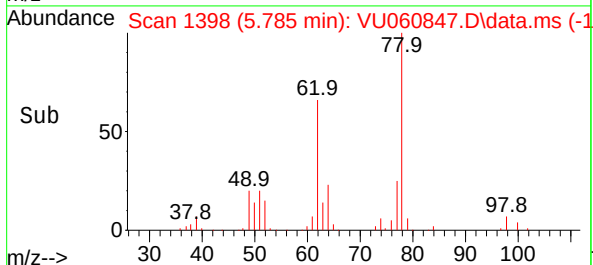
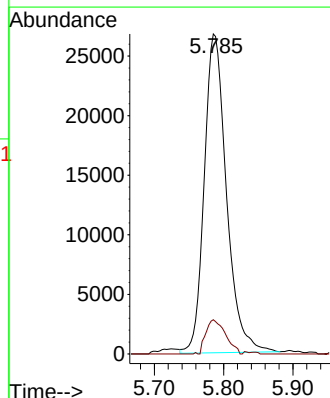
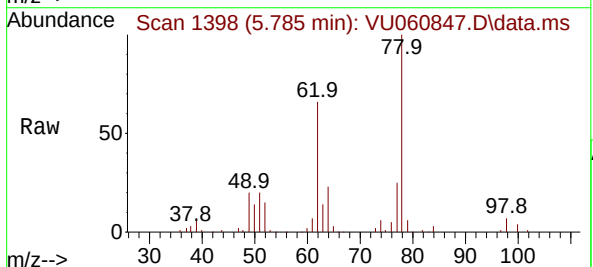
Acq: 17 Sep 2024 20:58

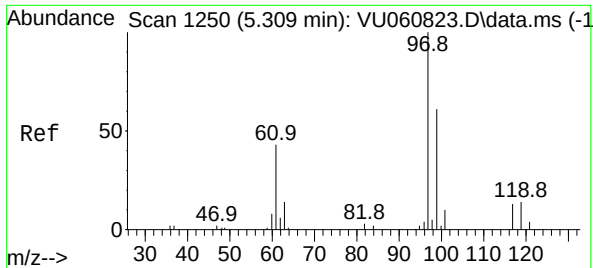
Tgt Ion: 62 Resp: 59631

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4

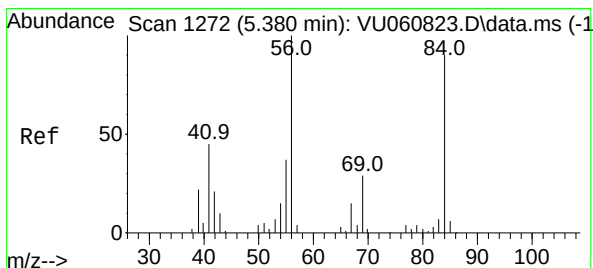
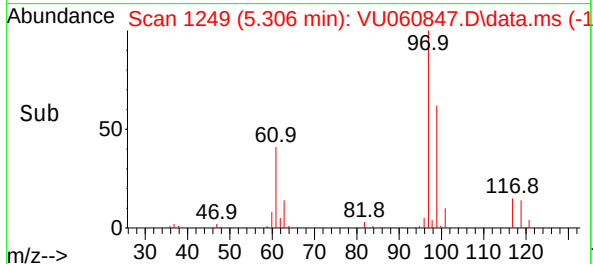
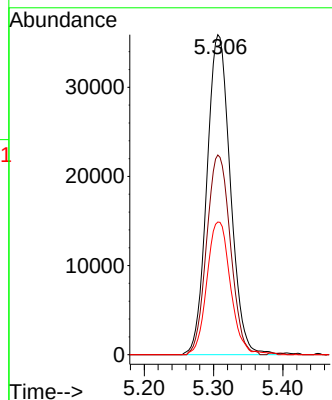
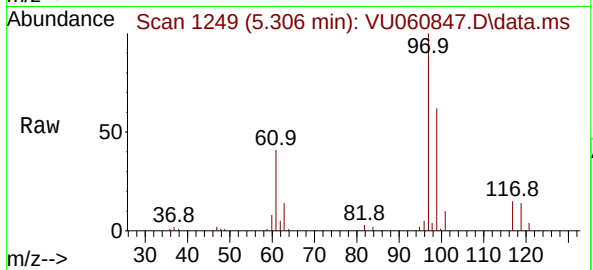




#29
1,1,1-Trichloroethane
Concen: 4.777 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

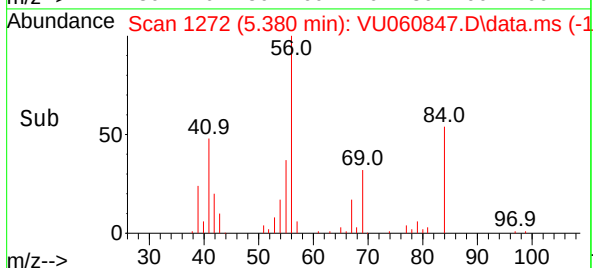
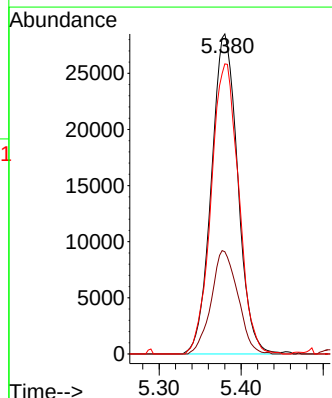
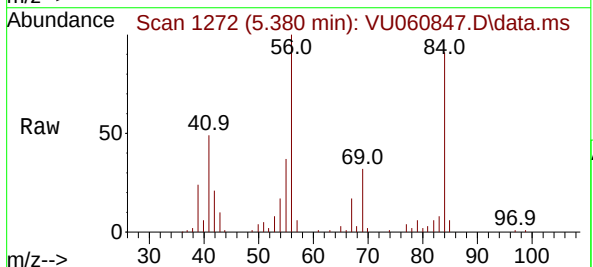
Instrument :
MSVOA_U
ClientSampleId :

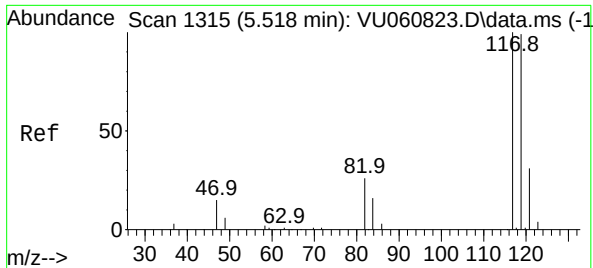
Tgt Ion: 97 Resp: 84257
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 41.3 34.4 51.6



#30
Cyclohexane
Concen: 4.398 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion: 56 Resp: 63762
Ion Ratio Lower Upper
56 100
69 32.5 25.4 38.0
84 94.6 71.0 106.6

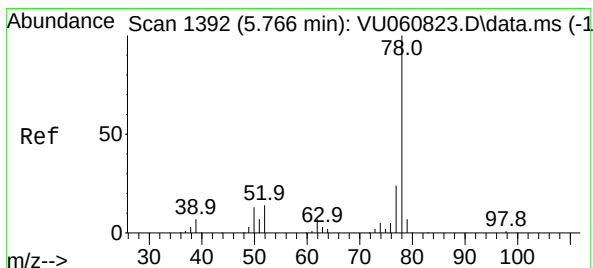
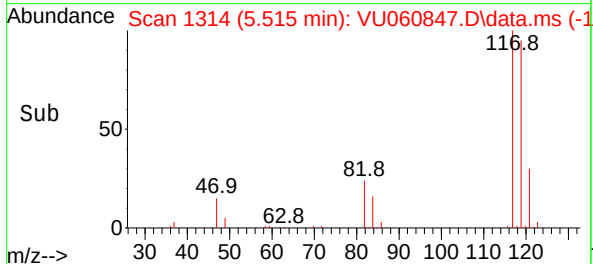
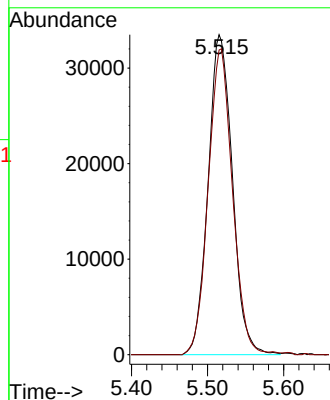
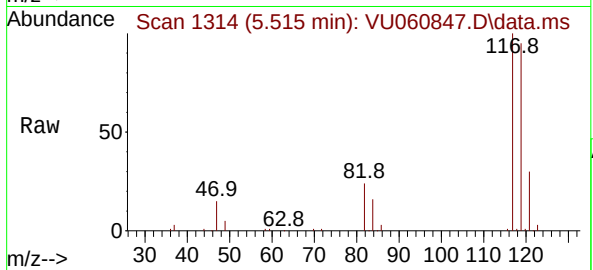




#31
Carbon tetrachloride
Concen: 4.760 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

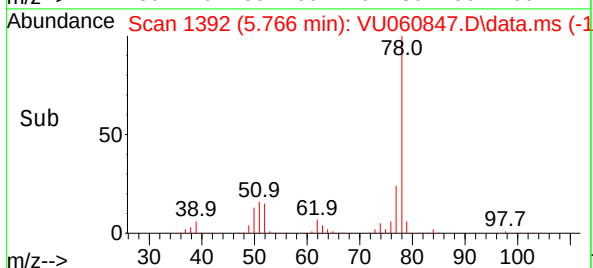
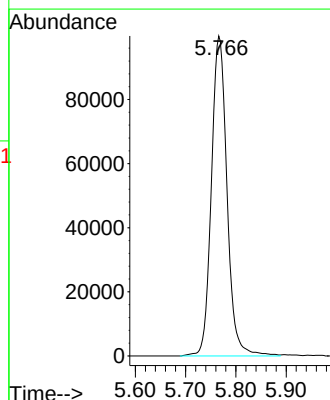
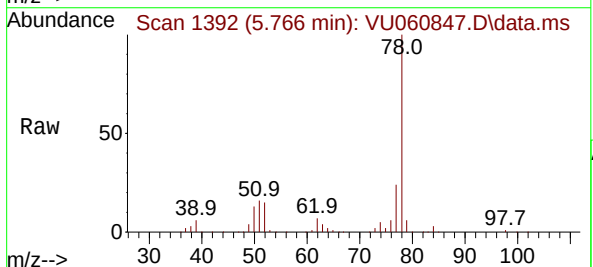
Instrument :
MSVOA_U
ClientSampleId :

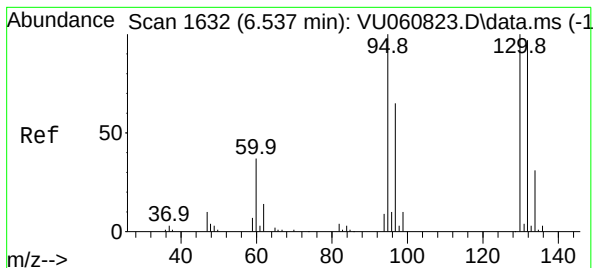
Tgt Ion:117 Resp: 74323
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5



#33
Benzene
Concen: 4.807 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion: 78 Resp: 215937





#34

Trichloroethene

Concen: 4.683 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 55146

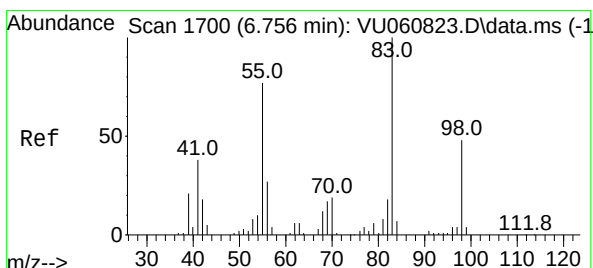
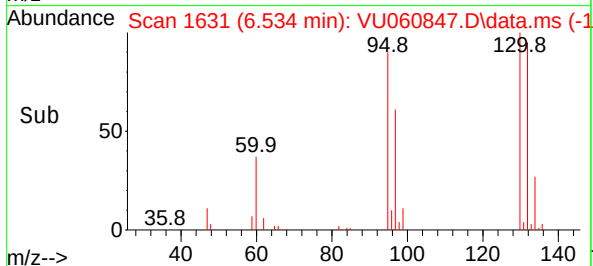
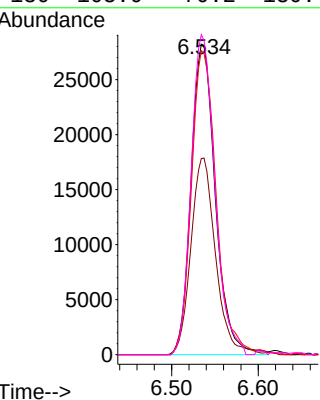
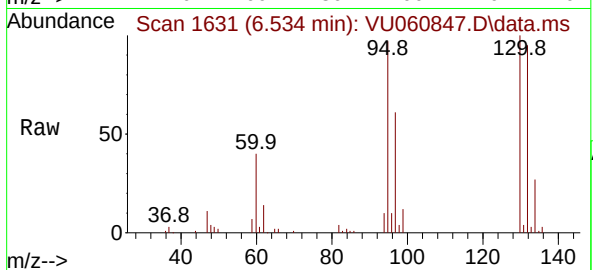
Ion Ratio Lower Upper

95 100

97 63.2 44.9 83.5

132 97.9 63.5 117.9

130 103.0 70.2 130.4



#35

Methylcyclohexane

Concen: 4.405 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

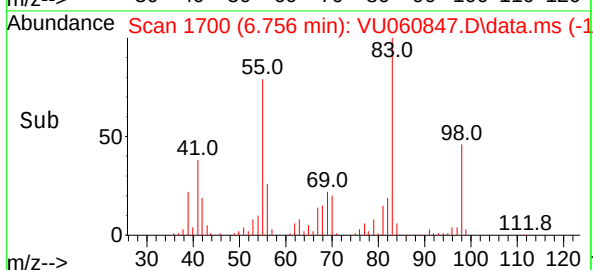
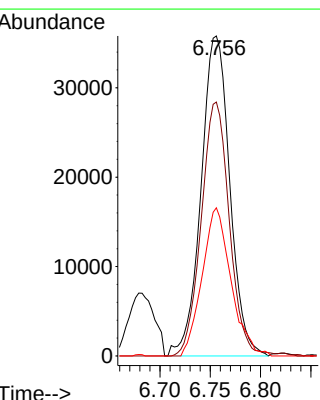
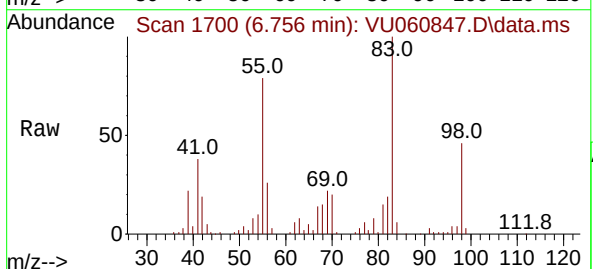
Tgt Ion: 83 Resp: 71160

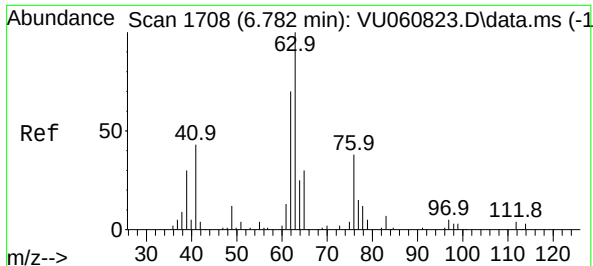
Ion Ratio Lower Upper

83 100

55 77.5 62.6 94.0

98 46.4 37.6 56.4





#37

1,2-Dichloropropane

Concen: 4.685 ug/L

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

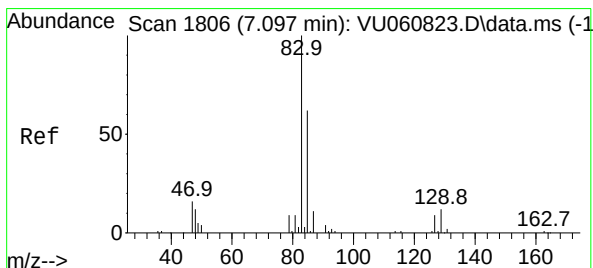
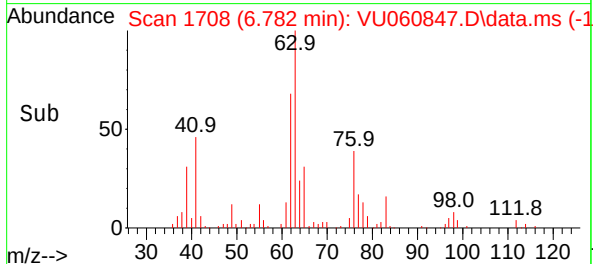
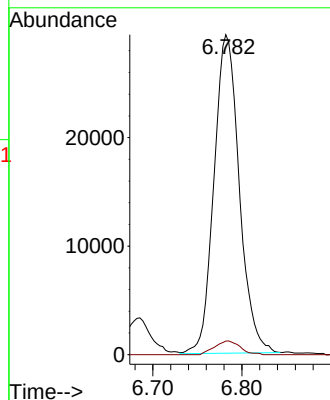
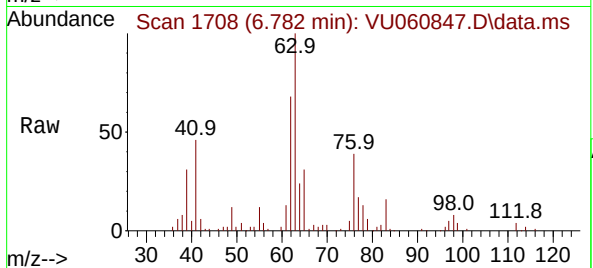
ClientSampleId :

Tgt Ion: 63 Resp: 57988

Ion Ratio Lower Upper

63 100

112 4.3 2.0 3.0#



#38

Bromodichloromethane

Concen: 4.665 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

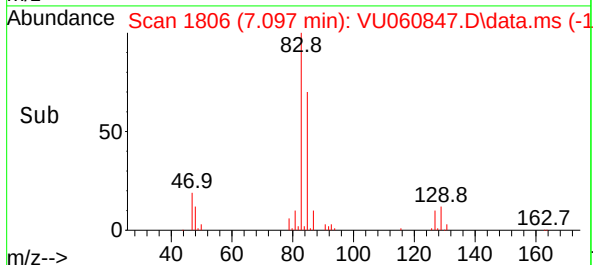
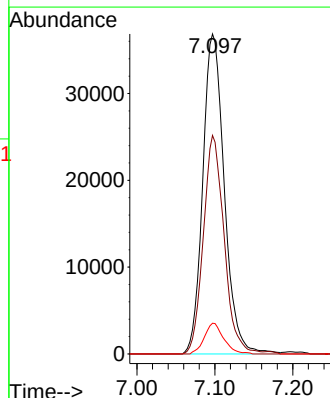
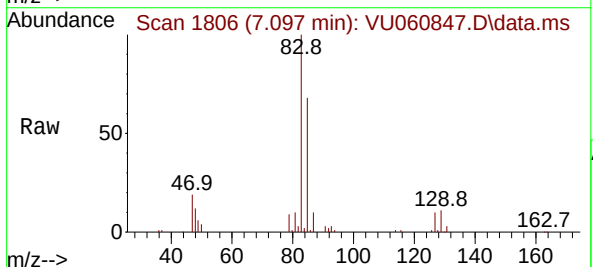
Tgt Ion: 83 Resp: 70833

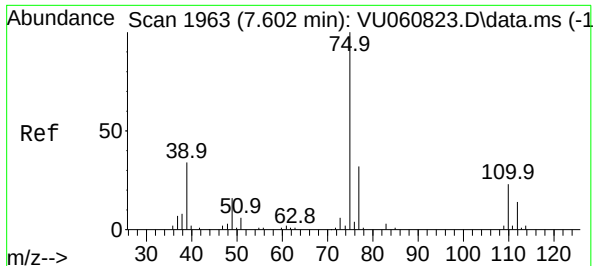
Ion Ratio Lower Upper

83 100

85 68.3 45.6 84.8

127 9.6 7.0 10.6

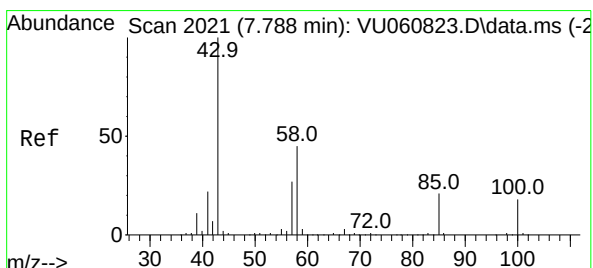
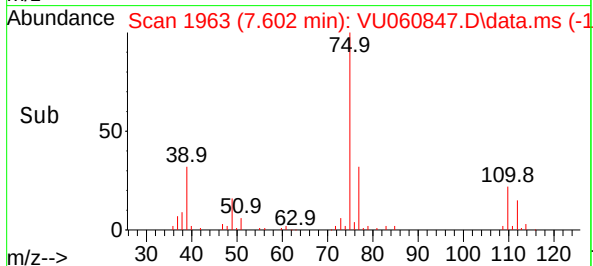
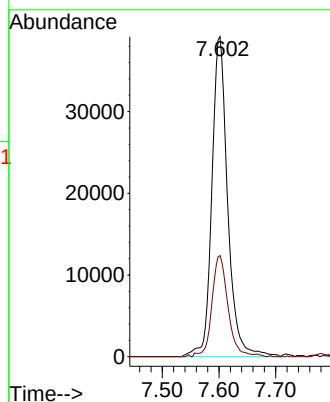
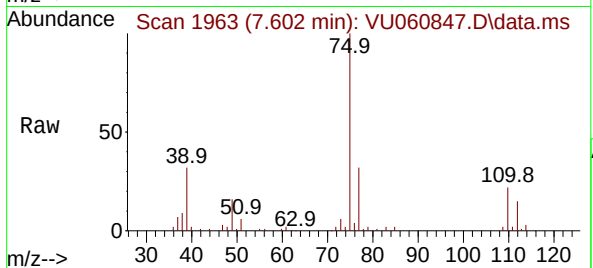




#39
 cis-1,3-Dichloropropene
 Concen: 4.619 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

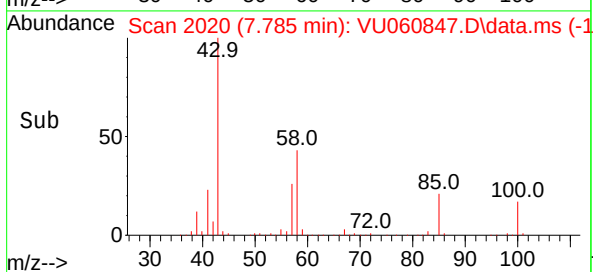
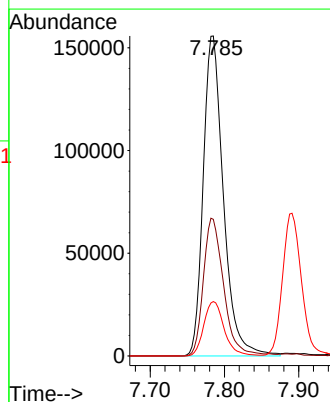
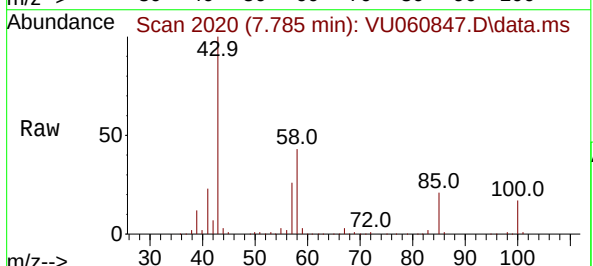
Instrument :
 MSVOA_U
 ClientSampleId :

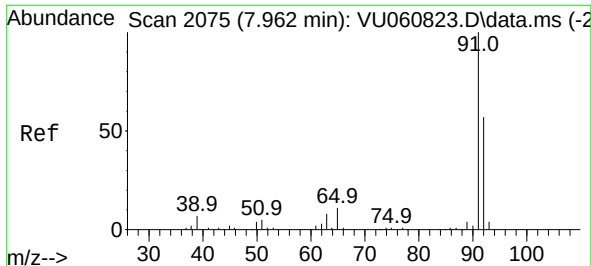
Tgt Ion: 75 Resp: 76049
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 50.957 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.003 min
 Lab File: VU060847.D
 Acq: 17 Sep 2024 20:58

Tgt Ion: 43 Resp: 294540
 Ion Ratio Lower Upper
 43 100
 58 43.3 34.9 52.3
 100 17.2 13.4 20.0





#42

Toluene

Concen: 5.286 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

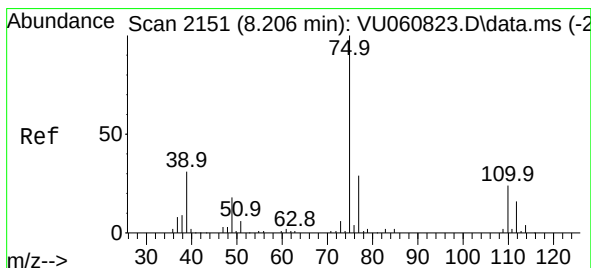
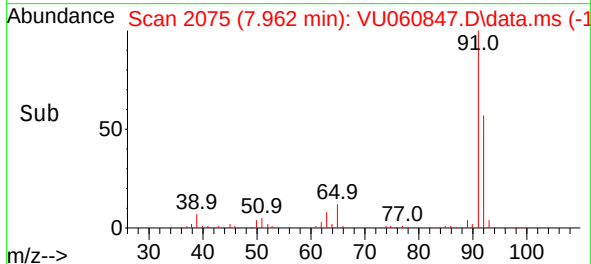
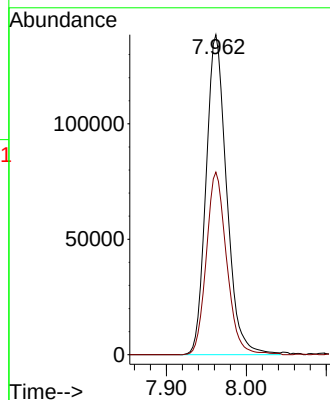
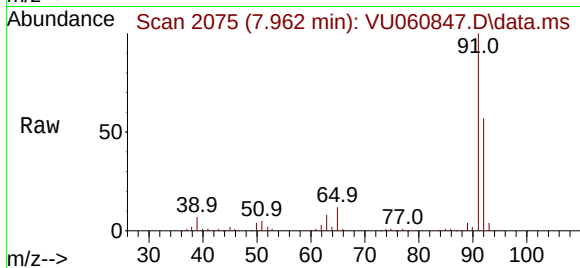
ClientSampleId :

Tgt Ion: 91 Resp: 248256

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.794 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060847.D

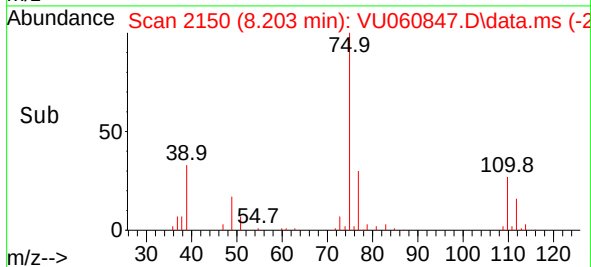
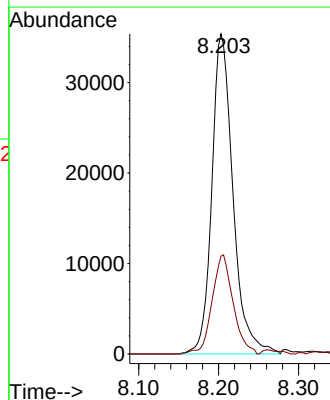
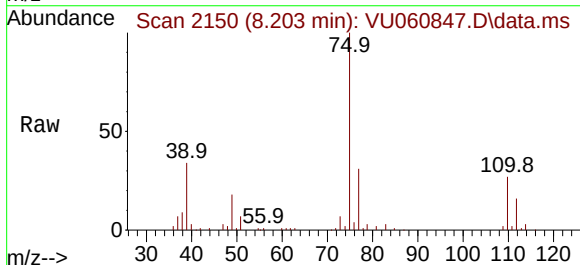
Acq: 17 Sep 2024 20:58

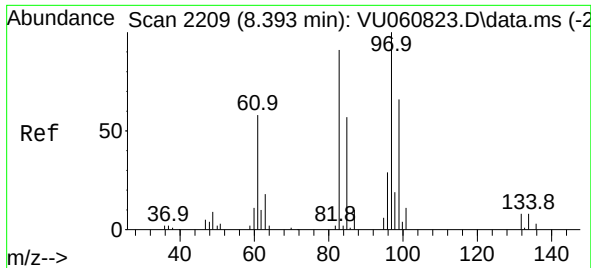
Tgt Ion: 75 Resp: 64908

Ion Ratio Lower Upper

75 100

77 30.6 23.1 42.9

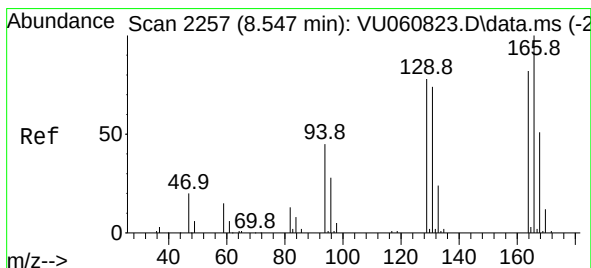
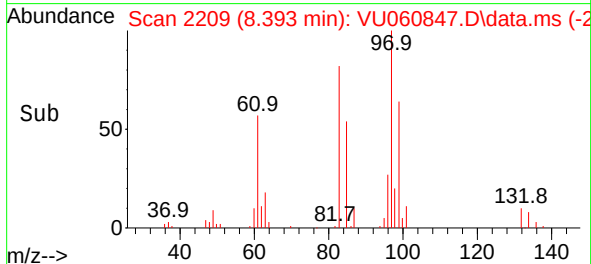
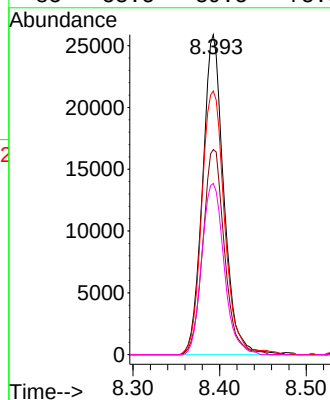
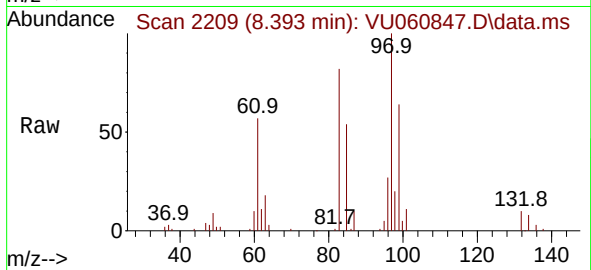




#45
1,1,2-Trichloroethane
Concen: 4.922 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

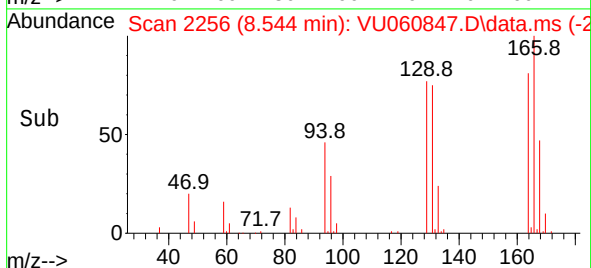
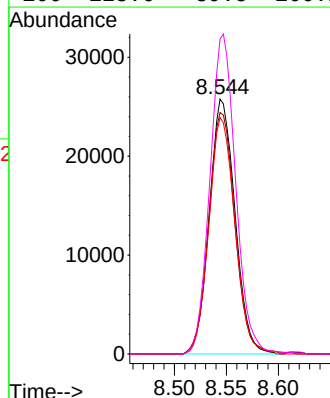
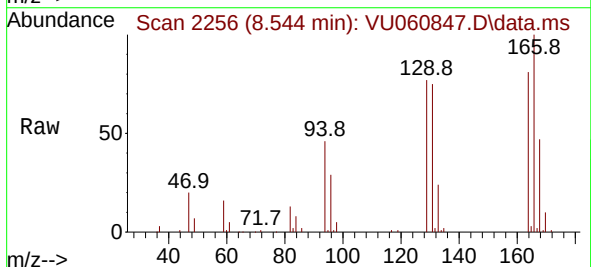
Instrument :
MSVOA_U
ClientSampleId :

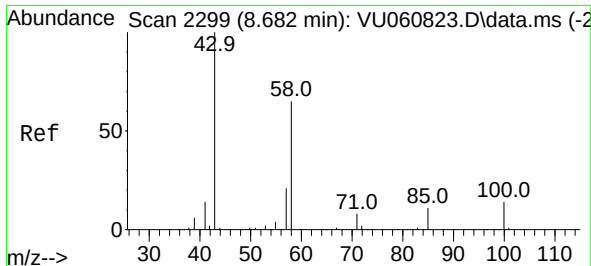
Tgt Ion:	97	Resp:	43988
Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.3	78.5
83	82.4	61.7	114.5
85	53.5	39.5	73.3



#47
Tetrachloroethene
Concen: 4.739 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:	164	Resp:	44348
Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.3	124.9
131	92.8	65.4	121.4
166	123.6	89.5	166.1





#48

2-Hexanone

Concen: 51.615 ug/L

RT: 8.679 min Scan# 217464

Delta R.T. -0.003 min

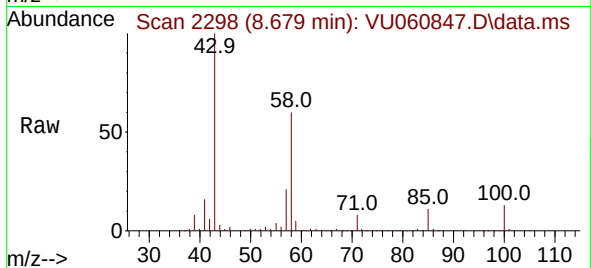
Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 217464

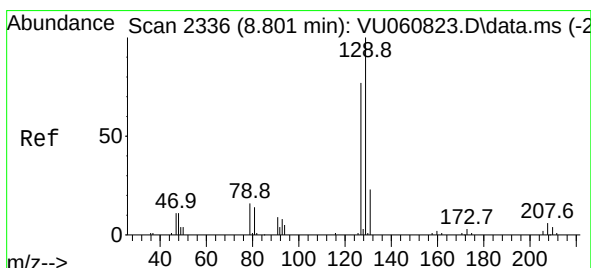
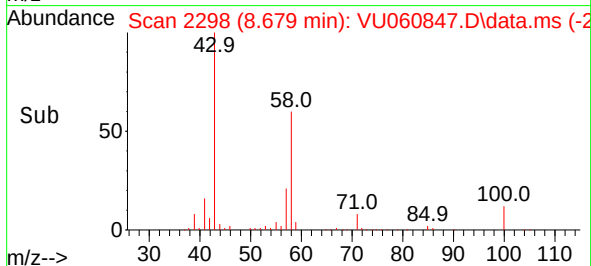
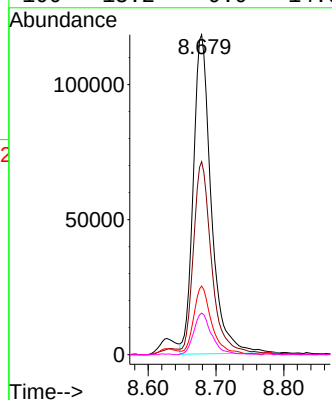
Ion Ratio Lower Upper

43 100

58 60.6 48.3 72.5

57 20.9 15.9 23.9

100 13.2 9.9 14.9



#49

Dibromochloromethane

Concen: 4.915 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU060847.D

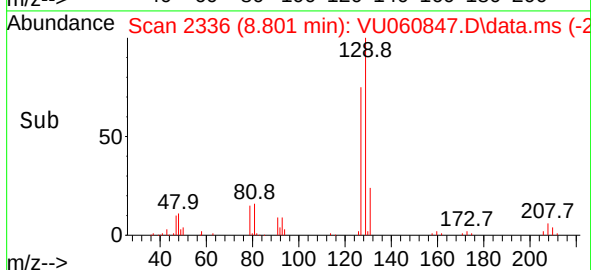
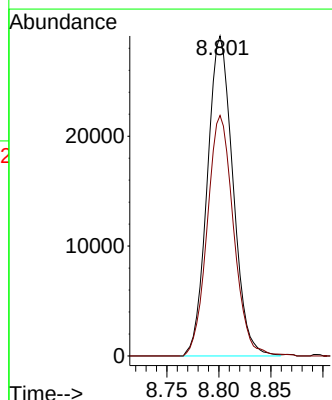
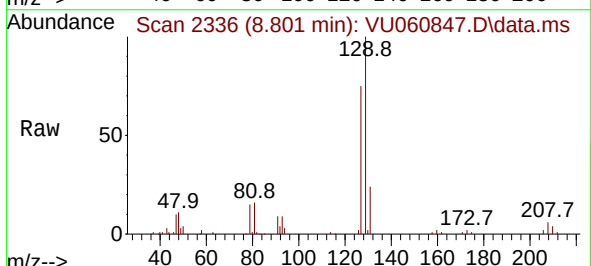
Acq: 17 Sep 2024 20:58

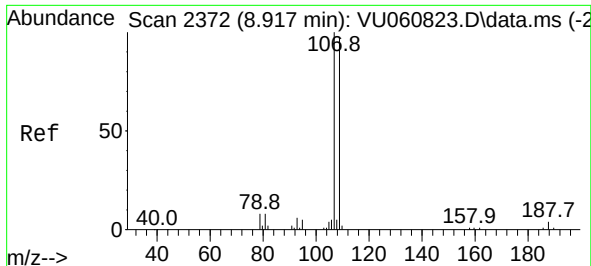
Tgt Ion:129 Resp: 50003

Ion Ratio Lower Upper

129 100

127 75.2 56.1 104.1

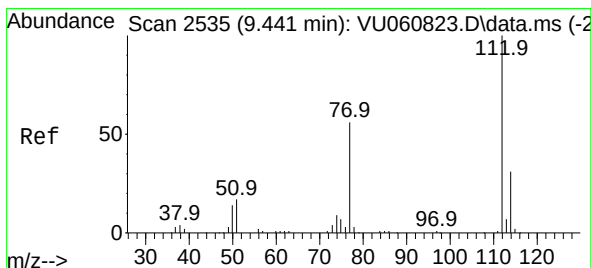
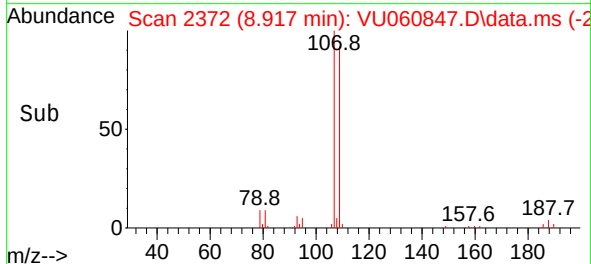
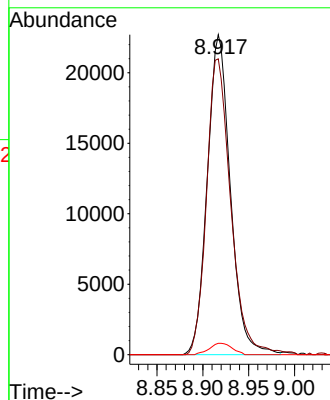
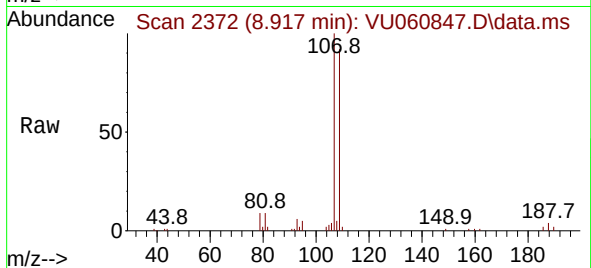




#50
1,2-Dibromoethane
Concen: 4.994 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

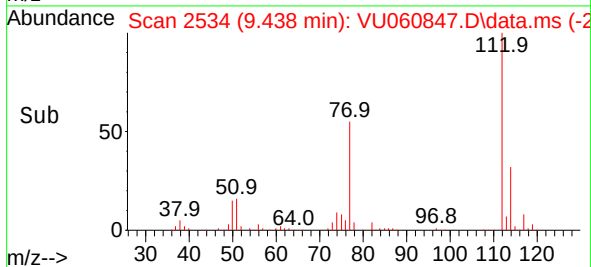
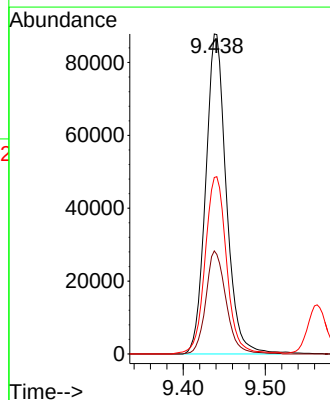
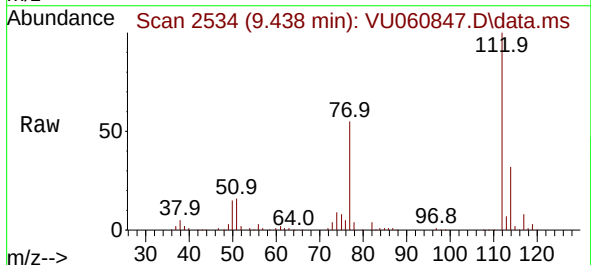
Instrument :
MSVOA_U
ClientSampleId :

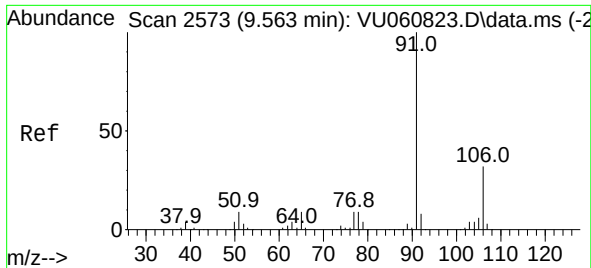
Tgt Ion:107 Resp: 39828
Ion Ratio Lower Upper
107 100
109 92.5 66.8 124.0
188 3.6 3.4 5.0



#51
Chlorobenzene
Concen: 4.865 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:112 Resp: 153450
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 55.2 46.1 69.1

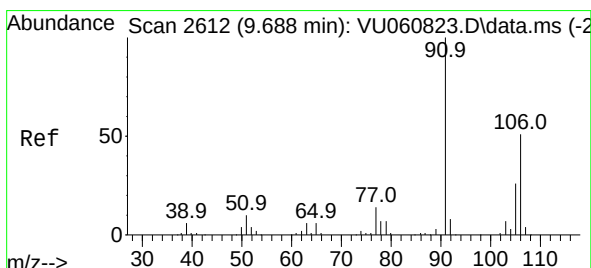
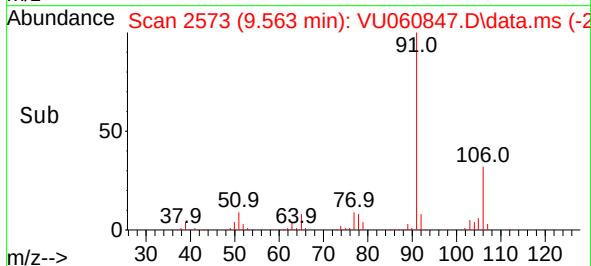
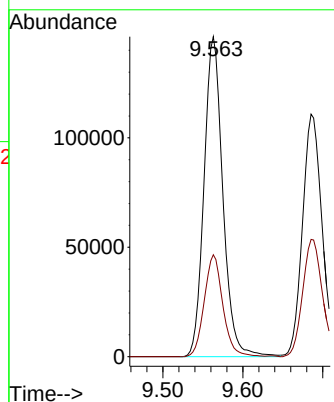
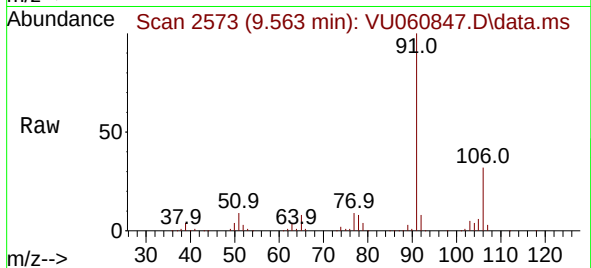




#52
Ethylbenzene
Concen: 4.851 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

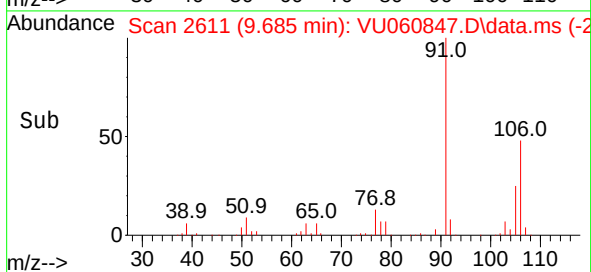
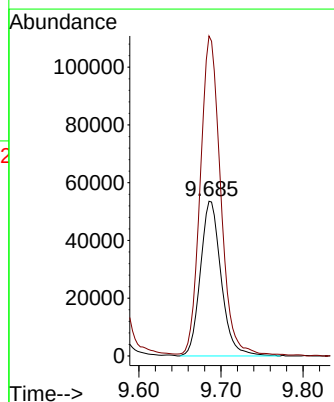
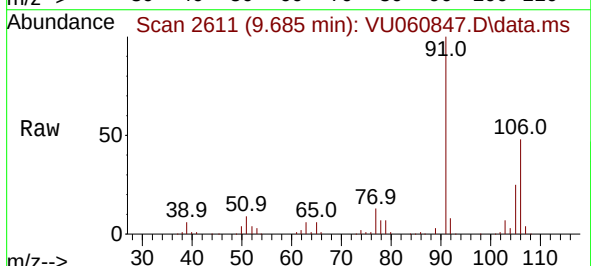
Instrument :
MSVOA_U
ClientSampleId :

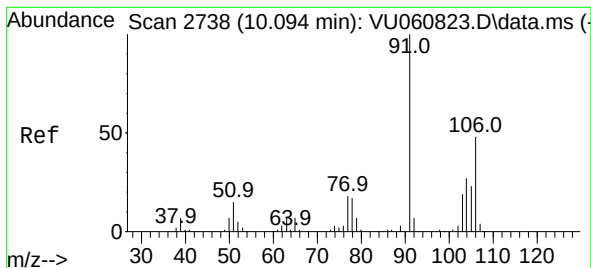
Tgt Ion: 91 Resp: 239855
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.6



#53
m,p-Xylene
Concen: 5.021 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:106 Resp: 94140
Ion Ratio Lower Upper
106 100
91 206.8 139.7 259.4





#54

o-Xylene

Concen: 4.800 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

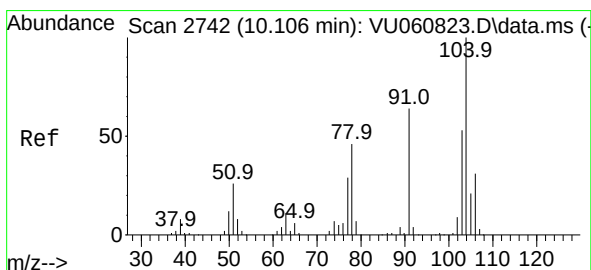
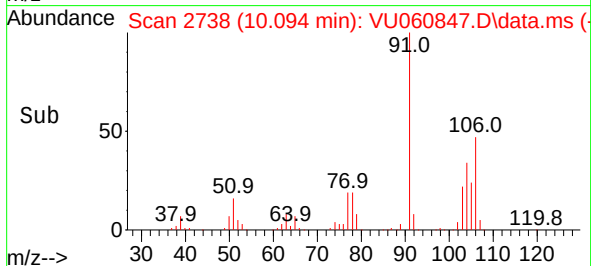
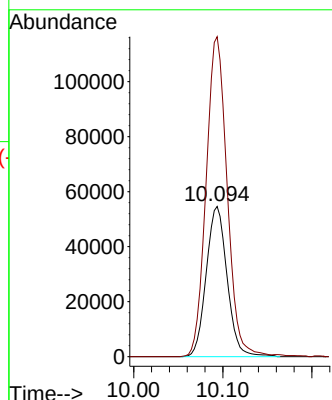
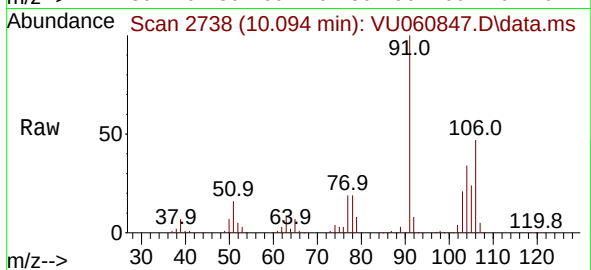
ClientSampleId :

Tgt Ion:106 Resp: 88814

Ion Ratio Lower Upper

106 100

91 212.9 148.6 276.0



#55

Styrene

Concen: 5.068 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU060847.D

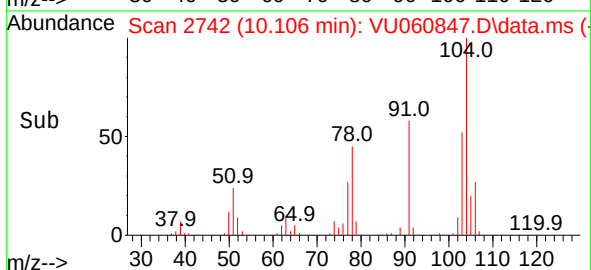
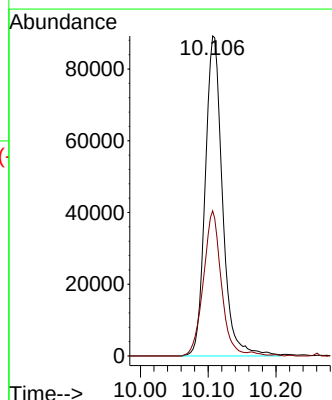
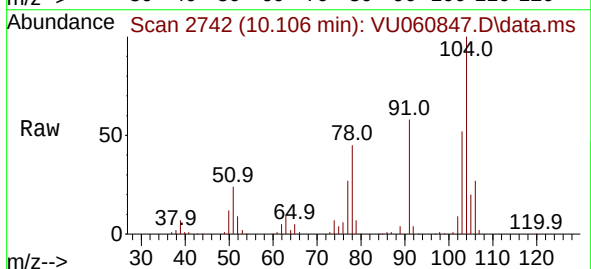
Acq: 17 Sep 2024 20:58

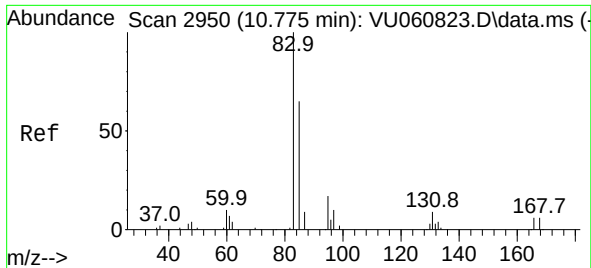
Tgt Ion:104 Resp: 158033

Ion Ratio Lower Upper

104 100

78 45.4 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.938 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

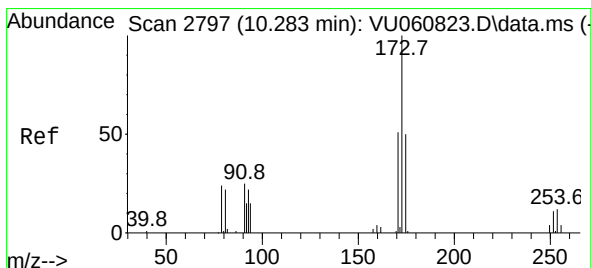
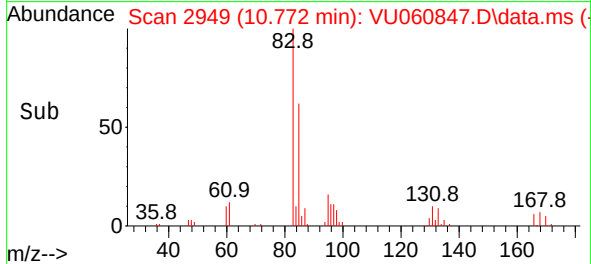
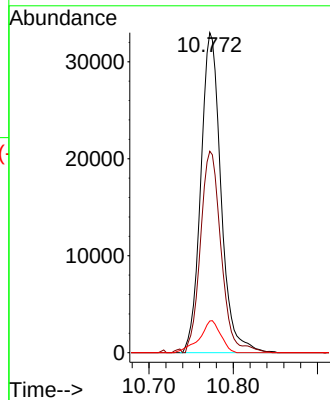
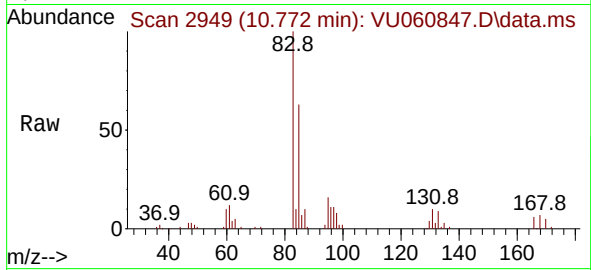
Tgt Ion: 83 Resp: 55035

Ion Ratio Lower Upper

83 100

85 63.0 42.9 79.7

131 9.9 8.4 12.6



#59

Bromoform

Concen: 4.963 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

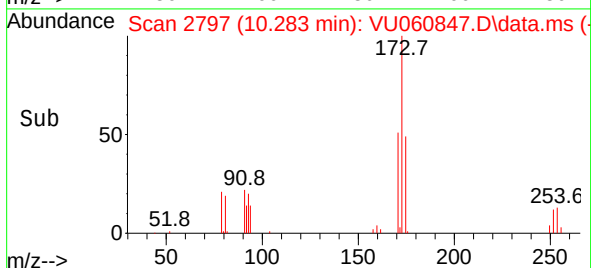
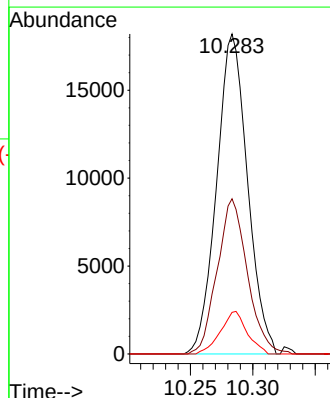
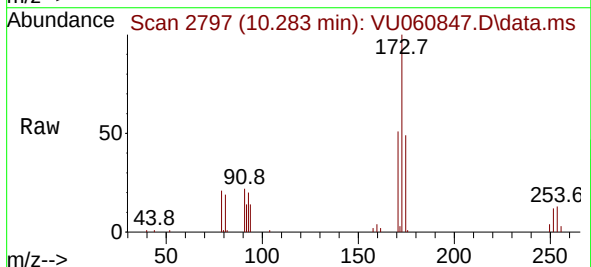
Tgt Ion:173 Resp: 31336

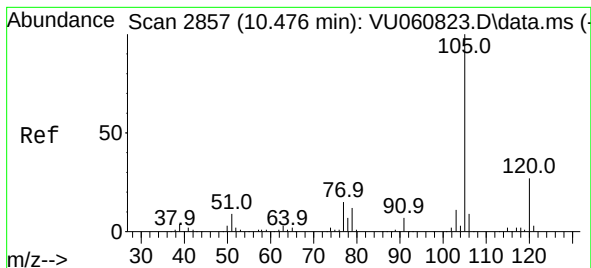
Ion Ratio Lower Upper

173 100

175 47.5 39.1 58.7

254 11.5 8.7 13.1





#60

Isopropylbenzene

Concen: 4.699 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060847.D

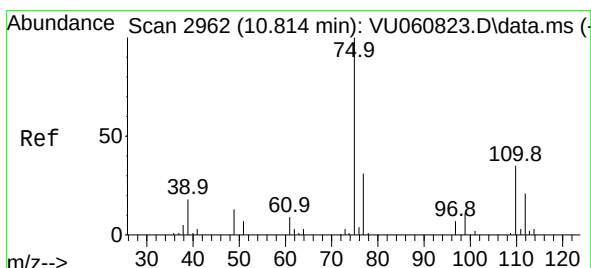
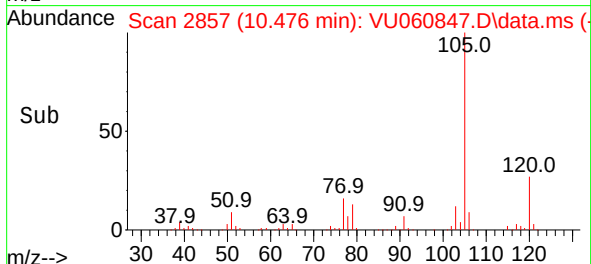
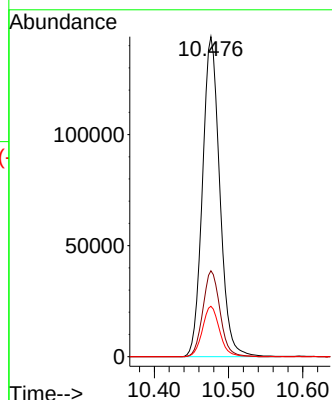
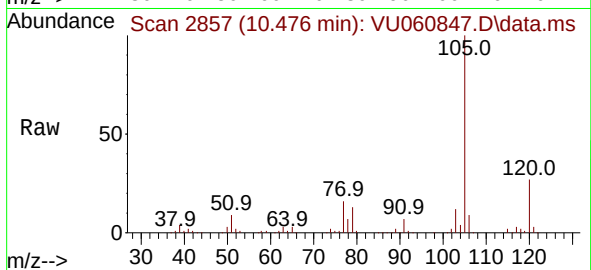
Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	233282
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.5	32.3
77	15.6	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 4.754 ug/L

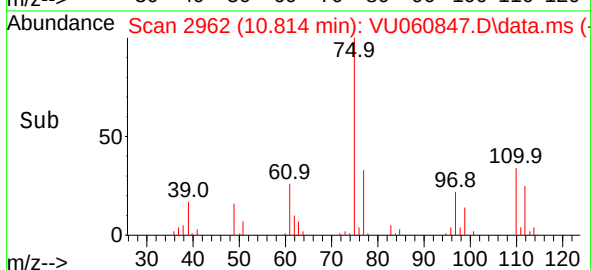
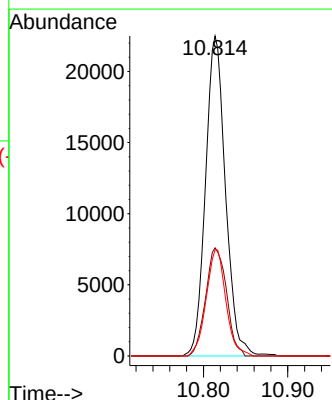
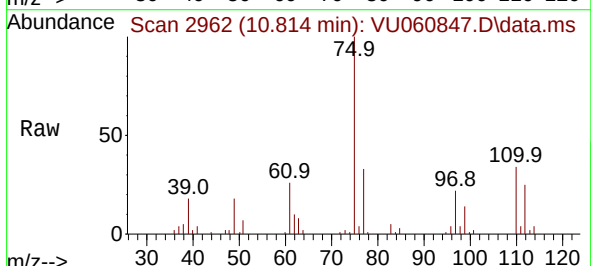
RT: 10.814 min Scan# 2962

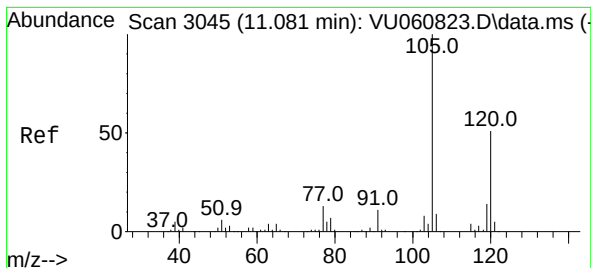
Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Tgt Ion:	75	Resp:	37149
Ion Ratio	Lower	Upper	
75	100		
110	35.2	28.6	43.0
77	32.7	26.3	39.5

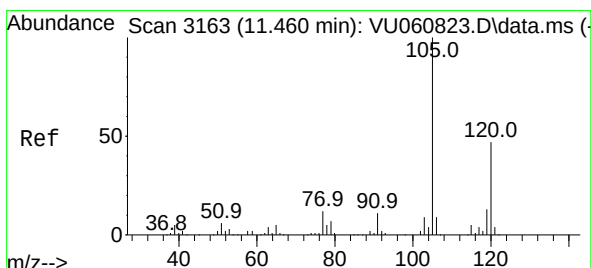
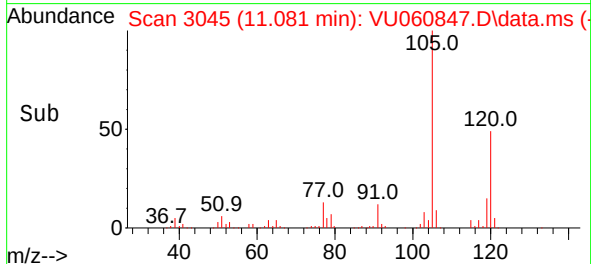
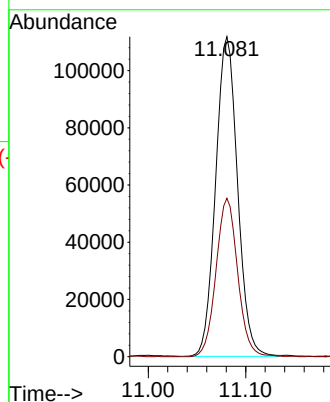
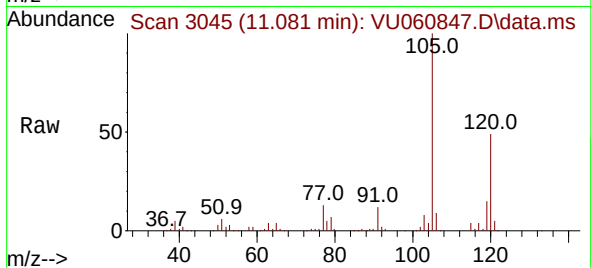




#62
1,3,5-Trimethylbenzene
Concen: 4.525 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

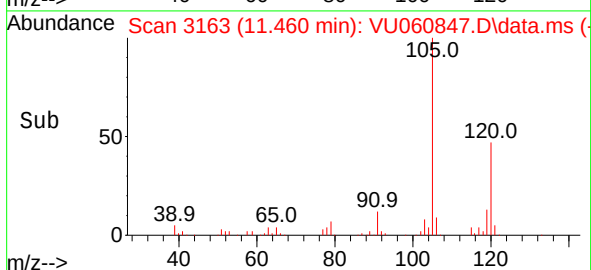
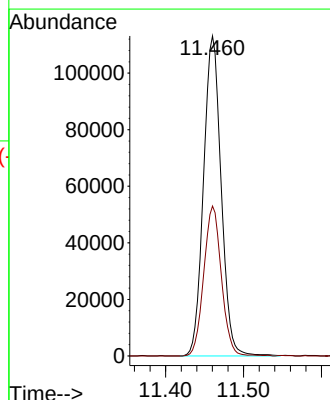
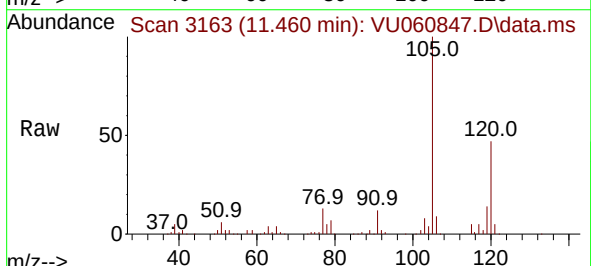
Instrument :
MSVOA_U
ClientSampleId :

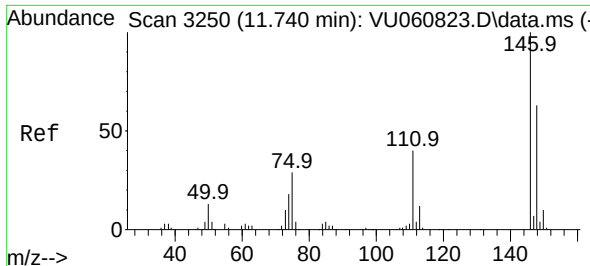
Tgt Ion:105 Resp: 174607
Ion Ratio Lower Upper
105 100
120 48.9 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.663 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:105 Resp: 177776
Ion Ratio Lower Upper
105 100
120 46.8 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.828 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

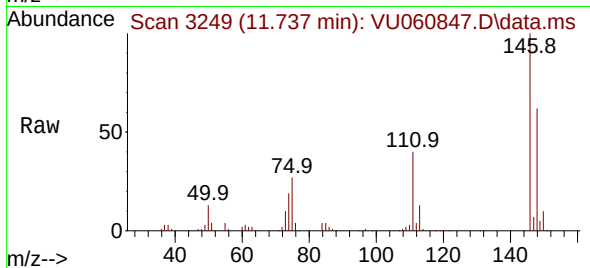
Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :



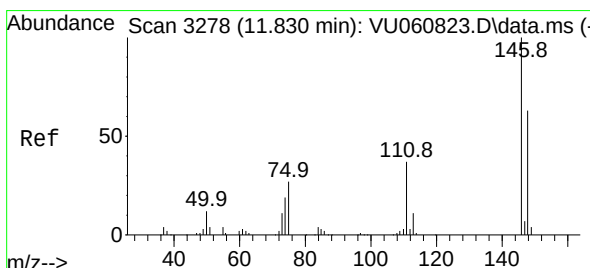
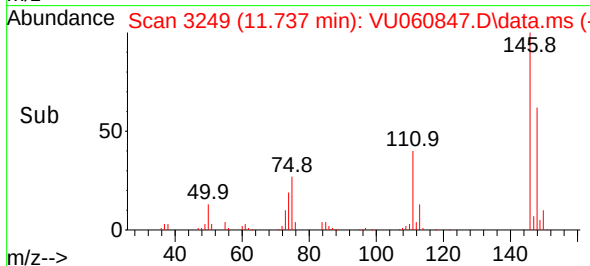
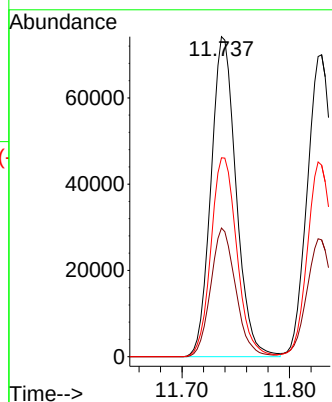
Tgt Ion:146 Resp: 120525

Ion Ratio Lower Upper

146 100

111 40.2 27.5 51.1

148 62.2 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.662 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

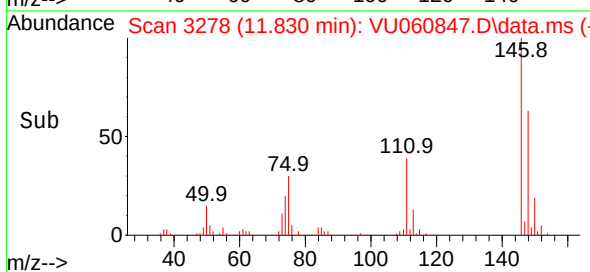
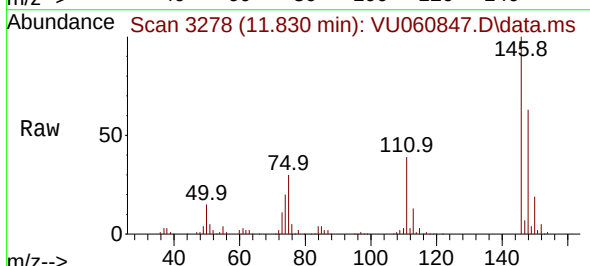
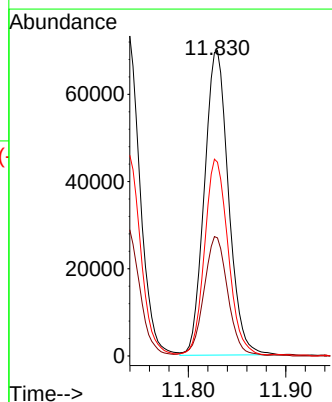
Tgt Ion:146 Resp: 120301

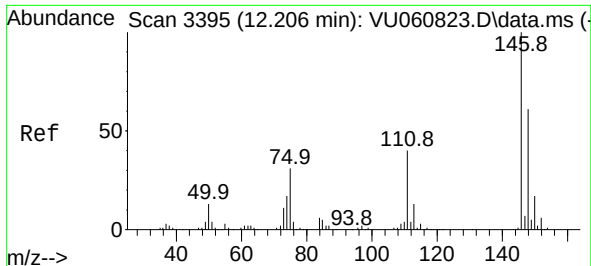
Ion Ratio Lower Upper

146 100

111 38.7 26.3 48.9

148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.822 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

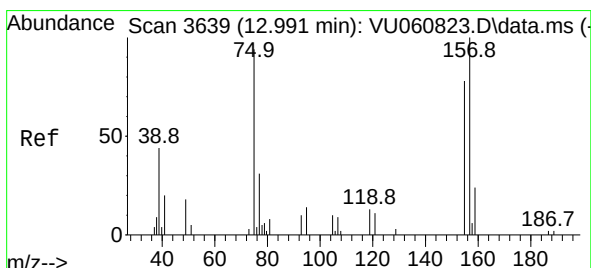
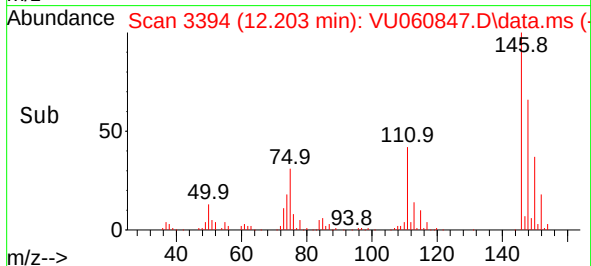
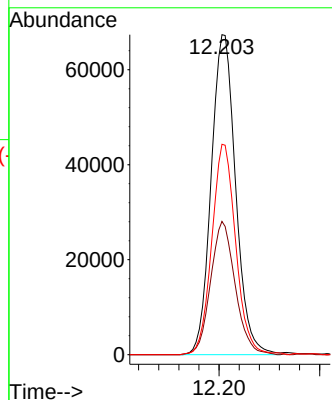
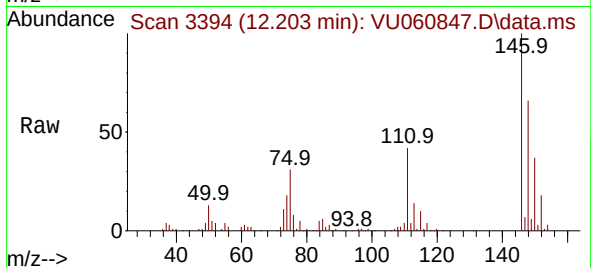
Tgt Ion:146 Resp: 113823

Ion Ratio Lower Upper

146 100

111 41.7 33.4 50.0

148 65.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.362 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

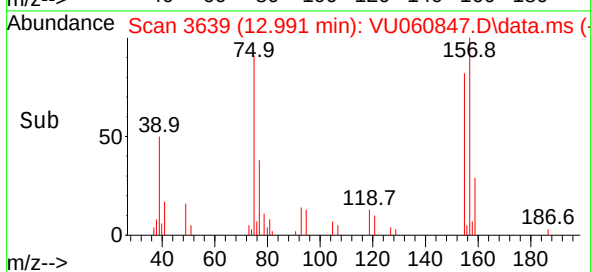
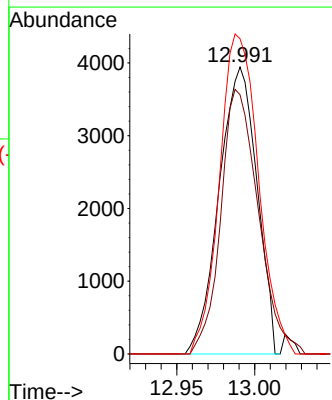
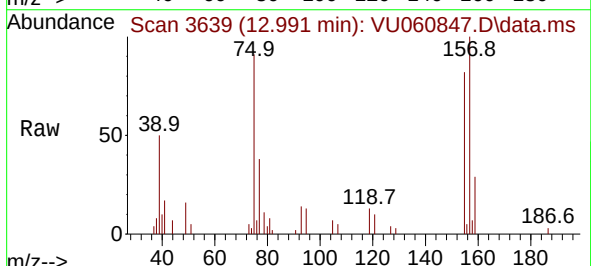
Tgt Ion: 75 Resp: 6656

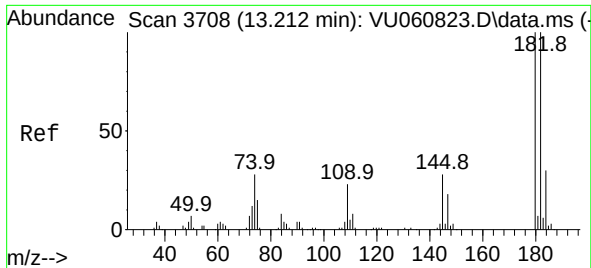
Ion Ratio Lower Upper

75 100

155 90.4 73.1 109.7

157 109.9 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.454 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

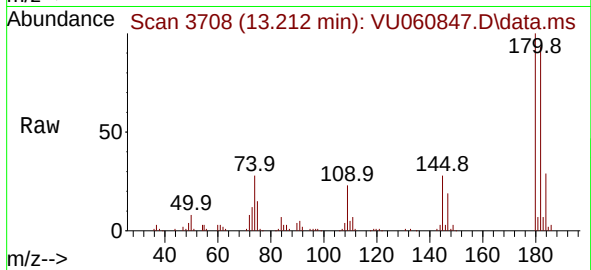
Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 83183

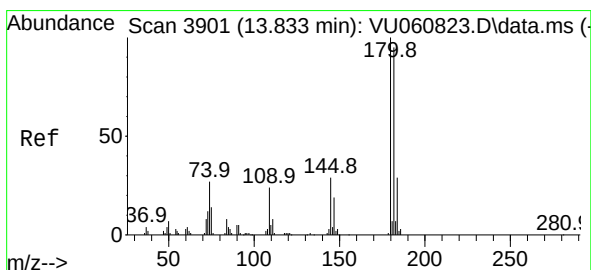
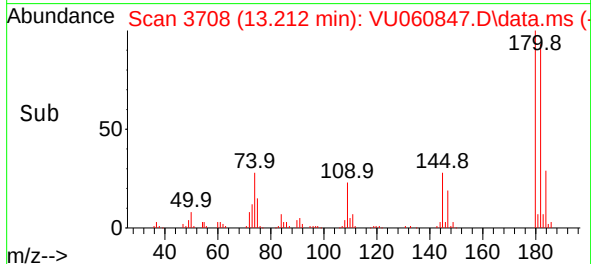
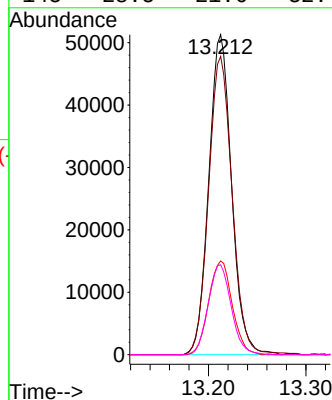
Ion Ratio Lower Upper

180 100

182 96.5 74.5 111.7

184 30.3 23.2 34.8

145 28.5 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.567 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060847.D

Acq: 17 Sep 2024 20:58

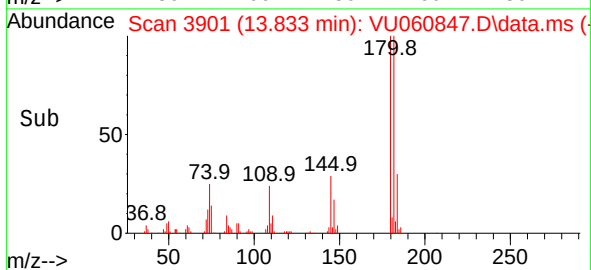
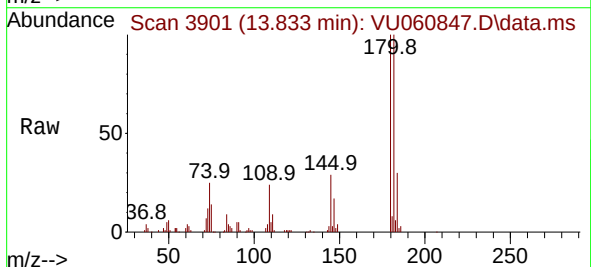
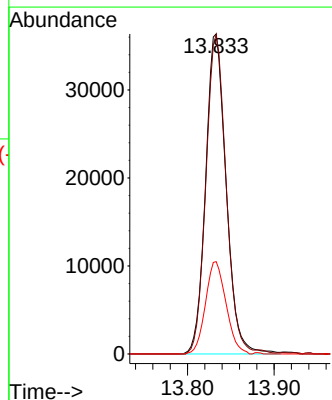
Tgt Ion:180 Resp: 60080

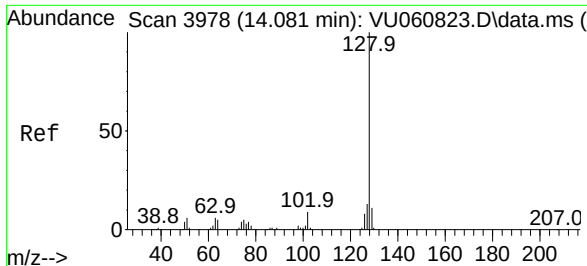
Ion Ratio Lower Upper

180 100

182 98.1 77.4 116.2

145 28.7 22.9 34.3

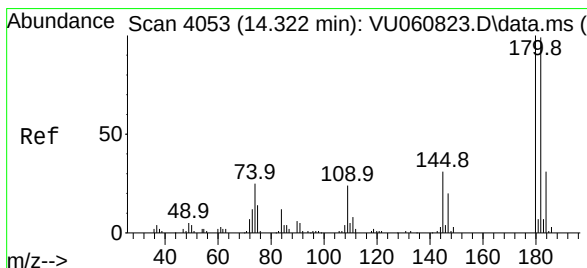
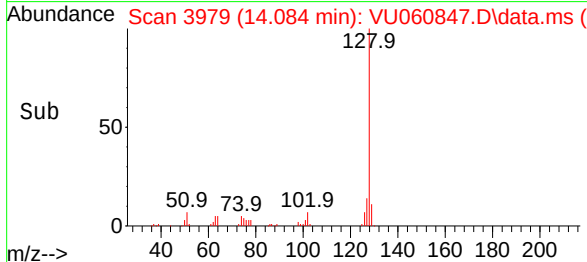
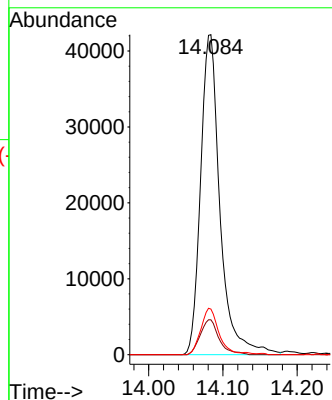
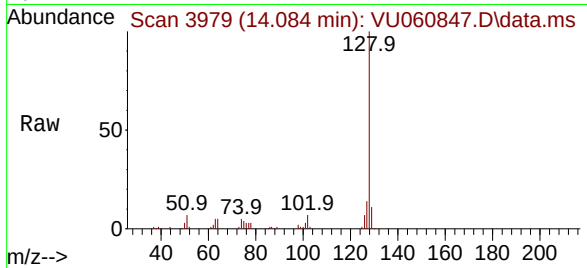




#71
Naphthalene
Concen: 4.412 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 76552
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.3 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.786 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060847.D
Acq: 17 Sep 2024 20:58

Tgt Ion:180 Resp: 54386
Ion Ratio Lower Upper
180 100
182 97.4 75.7 113.5
145 30.7 23.5 35.3

