

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058347.D
 Acq On : 02 Apr 2024 19:18
 Operator : MD/SY
 Sample : P1912-12MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21535	3.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.907	69	21373	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	9570	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.624	46	58362	50.966	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.055	84	50134	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.692	65	24220	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.717	84	97817	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	30702	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.891	98	85988	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	9300	4.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.627	63	44613	48.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21418	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	28177	4.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	10527	3.351	ug/L	97
3) Chloromethane	1.515	50	14161	3.536	ug/L	93
5) Vinyl chloride	1.599	62	16450	3.762	ug/L	98
6) Bromomethane	1.853	94	6517	2.779	ug/L	98
8) Chloroethane	1.927	64	12983	4.502	ug/L	97
9) Trichlorofluoromethane	2.132	101	28972	4.077	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	18780	4.117	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15093	3.947	ug/L	95
13) Acetone	2.637	43	32323	43.614	ug/L	100
14) Carbon disulfide	2.788	76	27562	3.226	ug/L	98
15) Methyl Acetate	2.949	43	7291	4.739	ug/L	100
16) Methylene chloride	3.036	84	20109	3.711	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	44947	4.380	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	15820	3.959	ug/L	99
19) 1,1-Dichloroethane	3.859	63	40546	4.516	ug/L	99
21) 2-Butanone	4.705	43	49507	43.969	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	22871	4.631	ug/L	100
23) Bromochloromethane	4.968	128	8439	4.580	ug/L	96
25) Chloroform	5.078	83	42405	4.503	ug/L	96

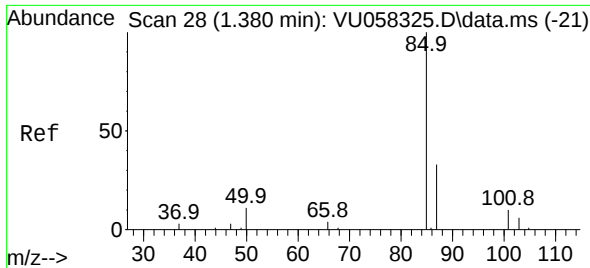
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
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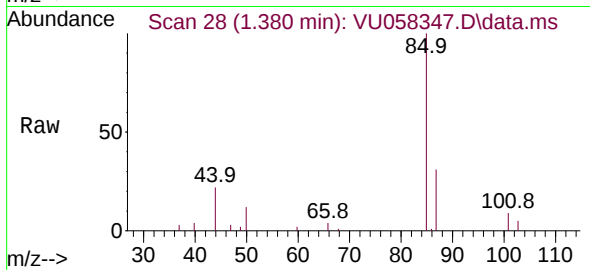
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	23472	4.391	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	32227	4.211	ug/L	96
30) Cyclohexane	5.377	56	24335	3.641	ug/L	96
31) Carbon tetrachloride	5.515	117	26325	4.041	ug/L	100
33) Benzene	5.766	78	82087	4.223	ug/L	100
34) Trichloroethene	6.534	95	21458	4.237	ug/L	97
35) Methylcyclohexane	6.756	83	25514	3.612	ug/L	99
37) 1,2-Dichloropropane	6.782	63	24604	4.531	ug/L #	98
38) Bromodichloromethane	7.100	83	28726	4.615	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30437	4.419	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	127038	46.266	ug/L	99
42) Toluene	7.962	91	86438	4.208	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	24274	4.479	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	15574	4.553	ug/L	97
47) Tetrachloroethene	8.547	164	21092	6.218	ug/L	95
48) 2-Hexanone	8.679	43	92353	46.185	ug/L	95
49) Dibromochloromethane	8.801	129	16995	4.541	ug/L	94
50) 1,2-Dibromoethane	8.917	107	13569	4.608	ug/L	96
51) Chlorobenzene	9.441	112	58508	4.421	ug/L	98
52) Ethylbenzene	9.563	91	97475	4.250	ug/L	100
53) m,p-Xylene	9.688	106	35455	4.339	ug/L	94
54) o-Xylene	10.094	106	35472	4.300	ug/L	99
55) Styrene	10.110	104	58585	4.498	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19472	4.830	ug/L	99
59) Bromoform	10.283	173	8694	4.524	ug/L #	93
60) Isopropylbenzene	10.476	105	92847	4.224	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13524	4.414	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	75815	4.110	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	78049	4.260	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	45005	4.396	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	44777	4.526	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	41892	4.425	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2409	5.214	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	32643	4.560	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	25972	4.864	ug/L	97
71) Naphthalene	14.084	128	35624	4.899	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21874	5.003	ug/L	98

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

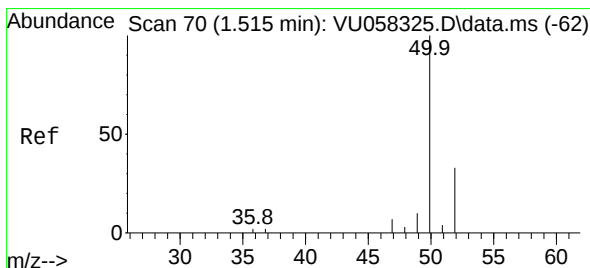
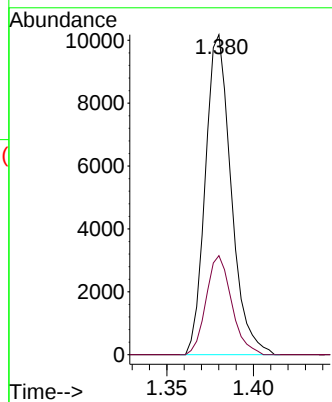
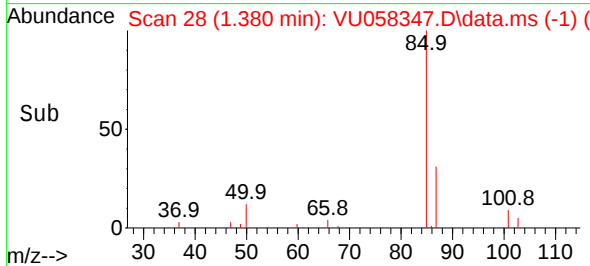


#2
 Dichlorodifluoromethane
 Concen: 3.351 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

Instrument :
 MSVOA_U
 ClientSampleId :

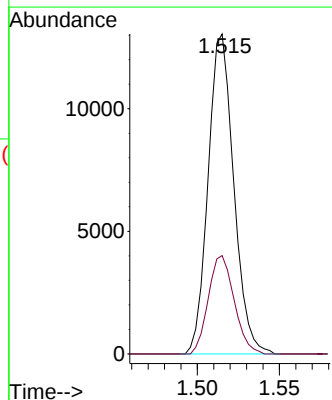
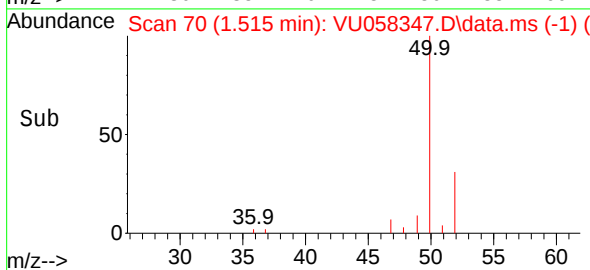
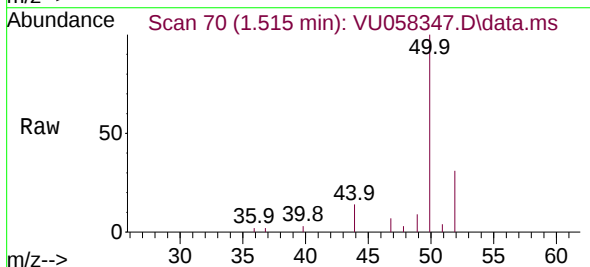


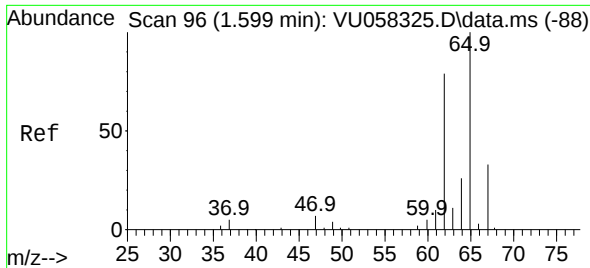
Tgt Ion: 85 Resp: 10527
 Ion Ratio Lower Upper
 85 100
 87 30.6 25.8 38.8



#3
 Chloromethane
 Concen: 3.536 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

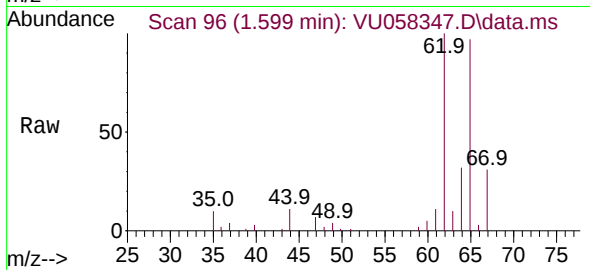
Tgt Ion: 50 Resp: 14161
 Ion Ratio Lower Upper
 50 100
 52 30.7 24.2 45.0



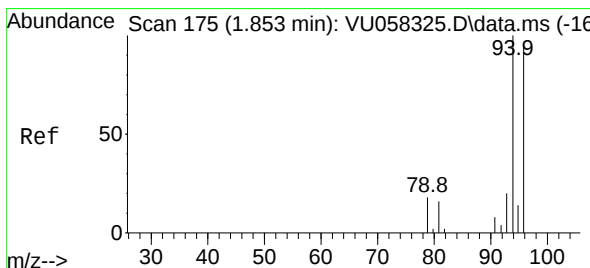
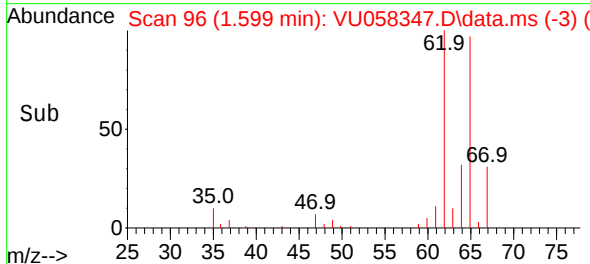
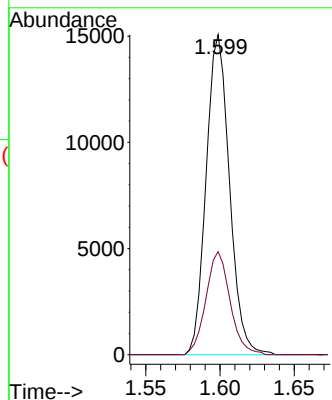


#5
 Vinyl chloride
 Concen: 3.762 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

Instrument :
 MSVOA_U
 ClientSampleId :

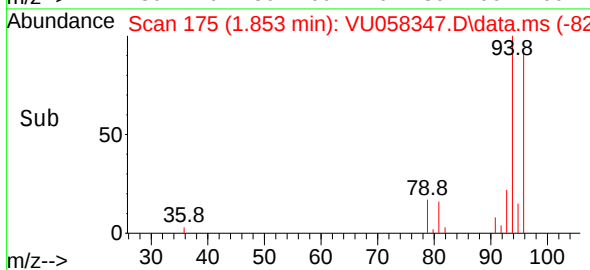
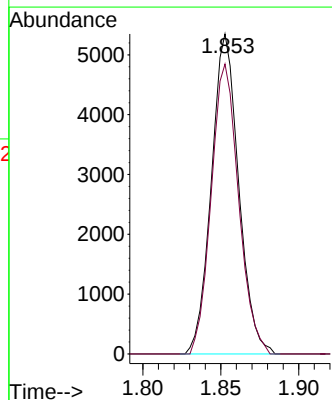
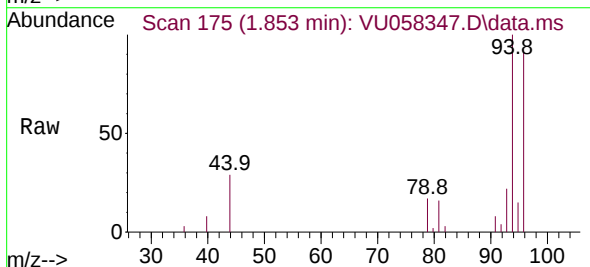


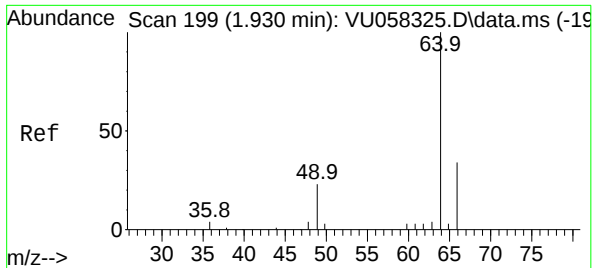
Tgt Ion: 62 Resp: 16450
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.6



#6
 Bromomethane
 Concen: 2.779 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

Tgt Ion: 94 Resp: 6517
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.8 120.4

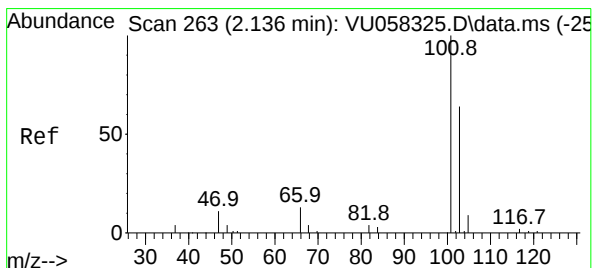
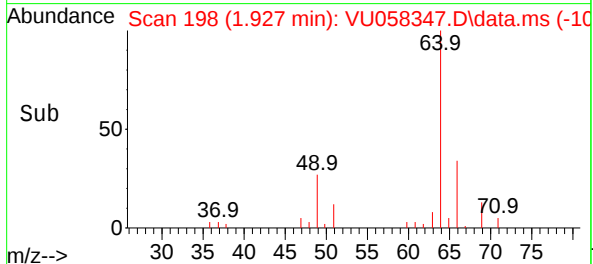
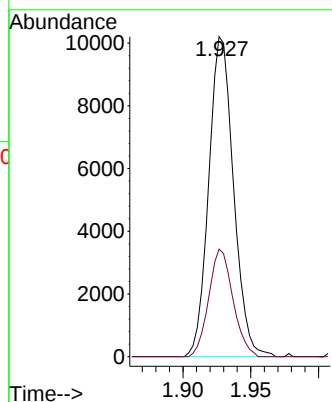
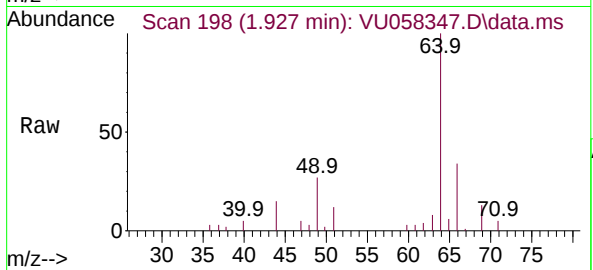




#8
Chloroethane
Concen: 4.502 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

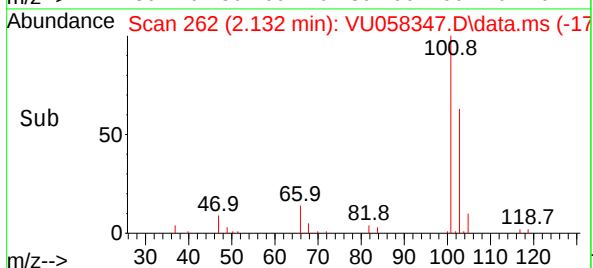
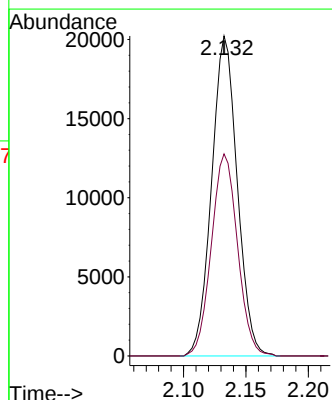
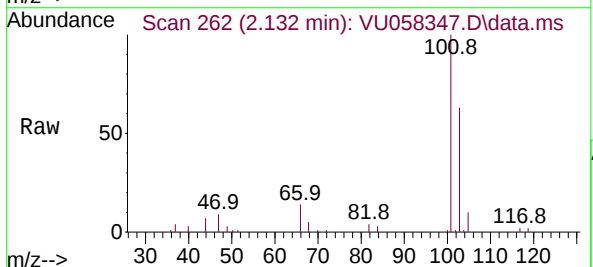
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MSVOA_U
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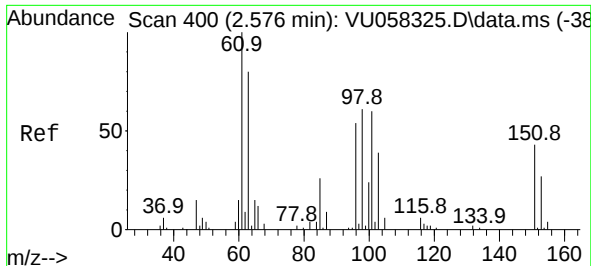
Tgt Ion: 64 Resp: 12983
Ion Ratio Lower Upper
64 100
66 33.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.077 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion:101 Resp: 28972
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.117 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :

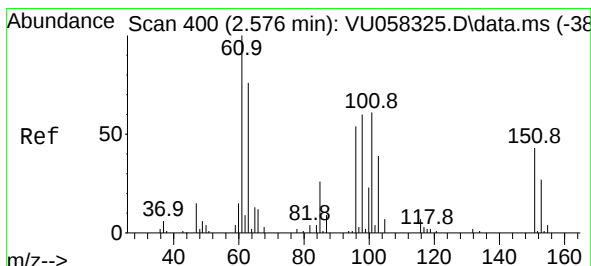
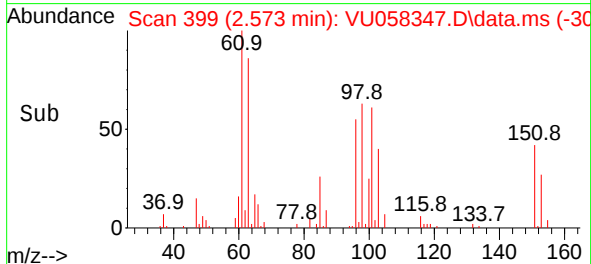
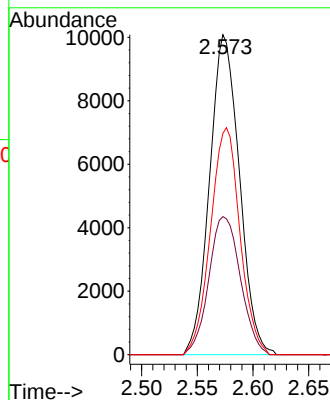
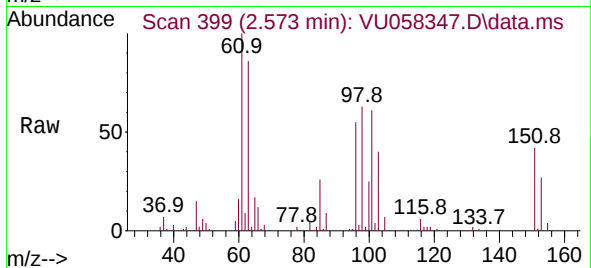
Tgt Ion:101 Resp: 18780

Ion Ratio Lower Upper

101 100

85 45.7 37.9 56.9

151 70.1 55.3 82.9



#12

1,1-Dichloroethene

Concen: 3.947 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

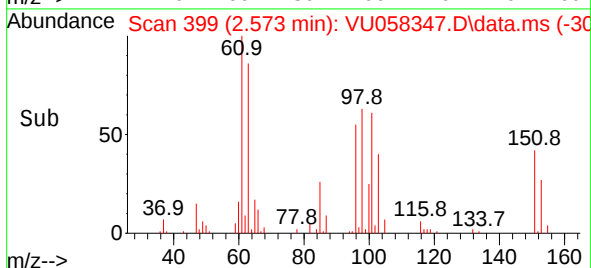
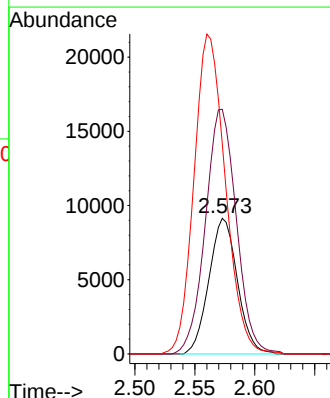
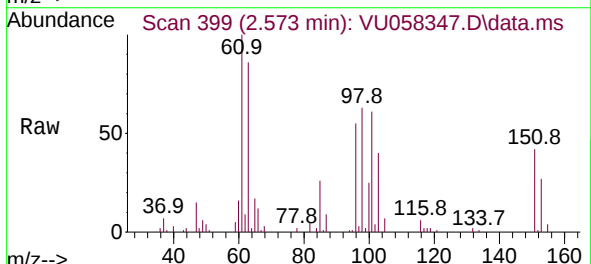
Tgt Ion: 96 Resp: 15093

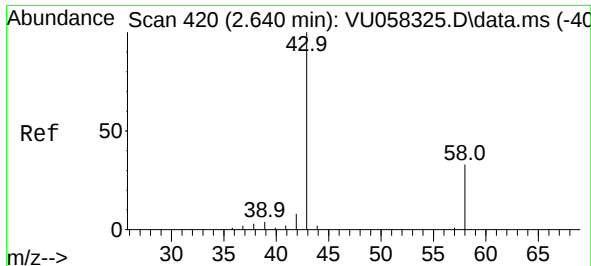
Ion Ratio Lower Upper

96 100

61 180.2 128.1 237.9

63 155.0 116.8 217.0





#13

Acetone

Concen: 43.614 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

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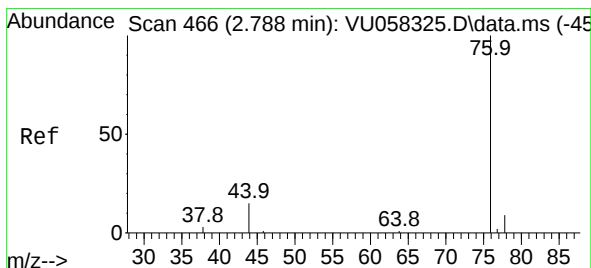
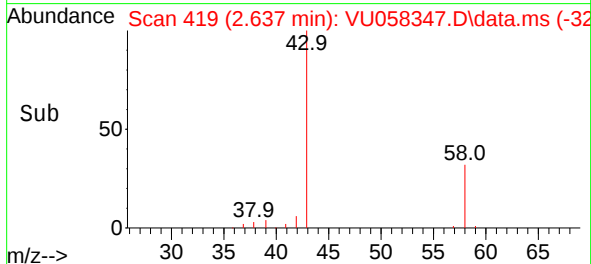
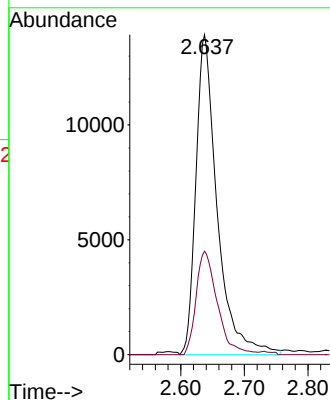
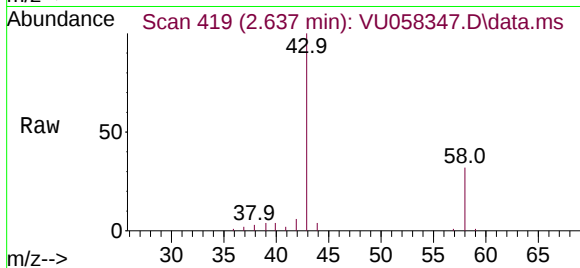
ClientSampleId :

Tgt Ion: 43 Resp: 32323

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.6



#14

Carbon disulfide

Concen: 3.226 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU058347.D

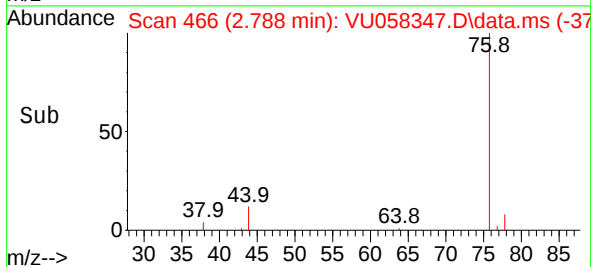
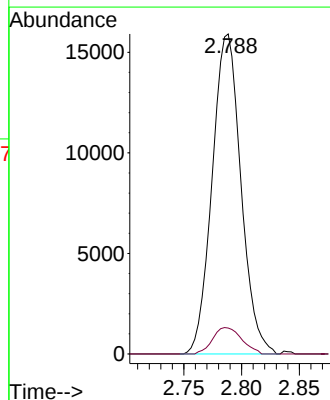
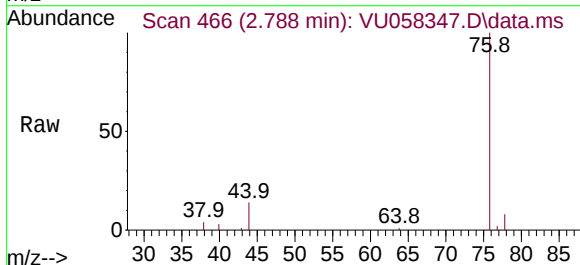
Acq: 02 Apr 2024 19:18

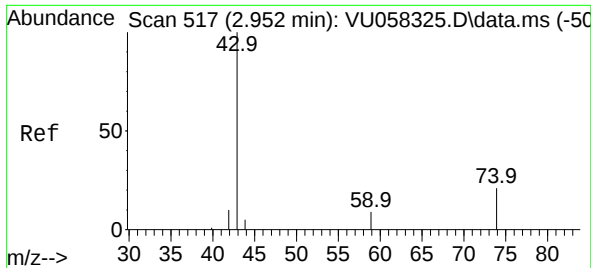
Tgt Ion: 76 Resp: 27562

Ion Ratio Lower Upper

76 100

78 8.1 7.2 10.8





#15

Methyl Acetate

Concen: 4.739 ug/L

RT: 2.949 min Scan# 517

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

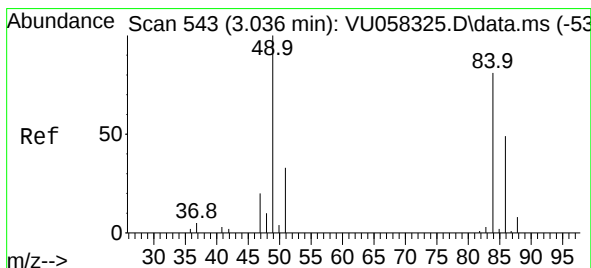
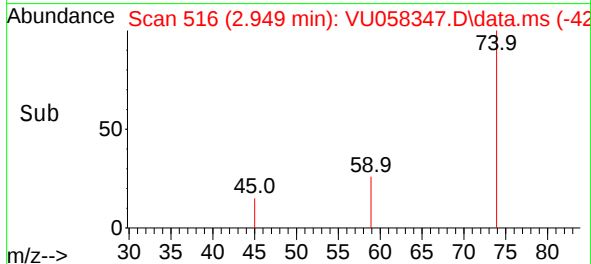
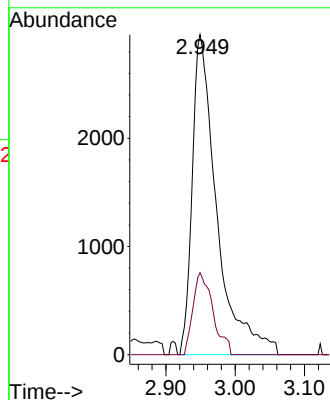
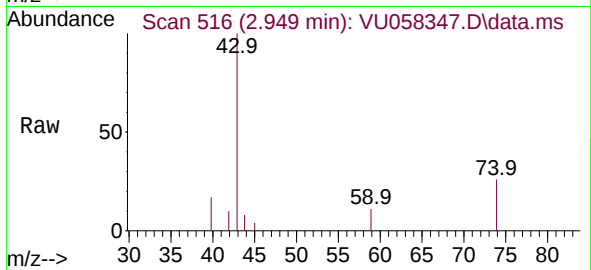
ClientSampleId :

Tgt Ion: 43 Resp: 7291

Ion Ratio Lower Upper

43 100

74 20.8 16.8 25.2



#16

Methylene chloride

Concen: 3.711 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

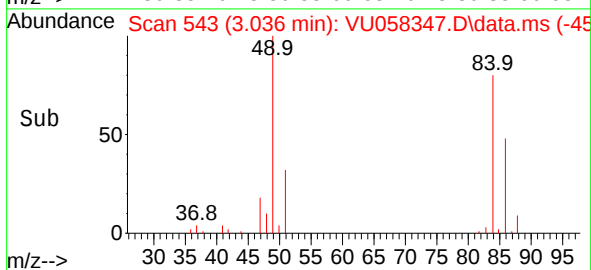
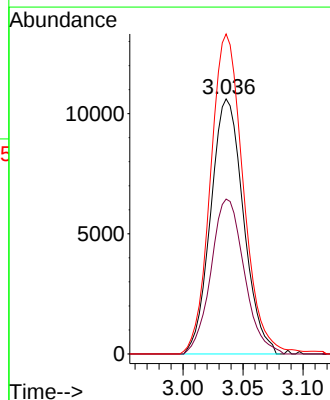
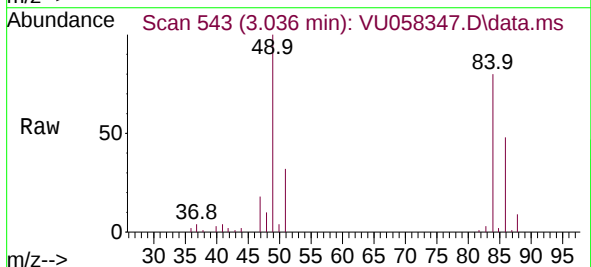
Tgt Ion: 84 Resp: 20109

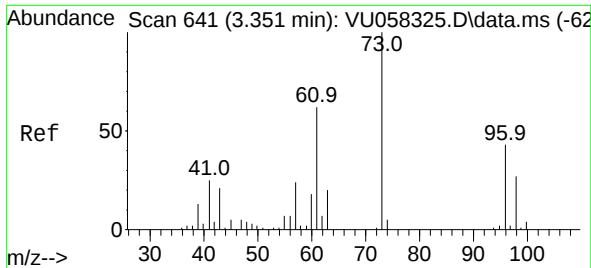
Ion Ratio Lower Upper

84 100

86 60.7 45.6 84.6

49 125.4 88.3 163.9

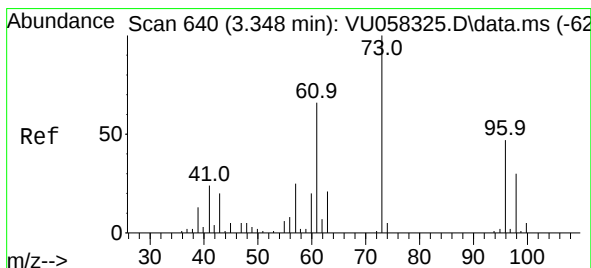
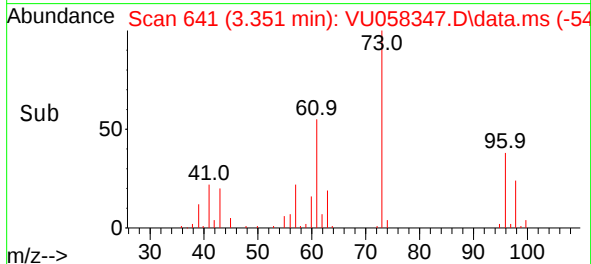
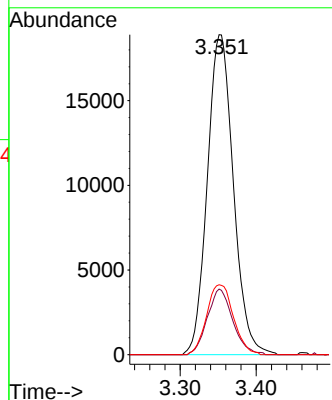
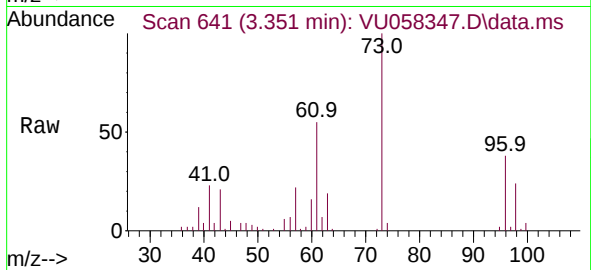




#17
Methyl tert-butyl Ether
Concen: 4.380 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

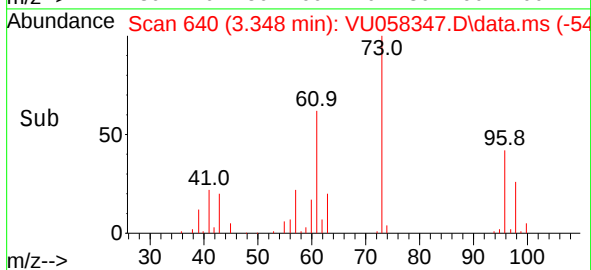
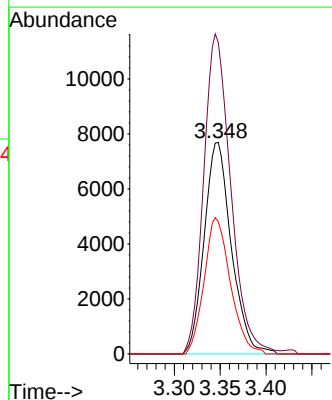
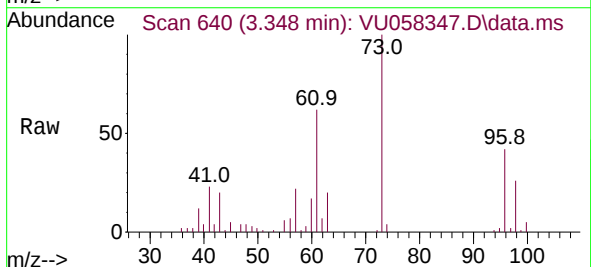
Instrument :
MSVOA_U
ClientSampleId :

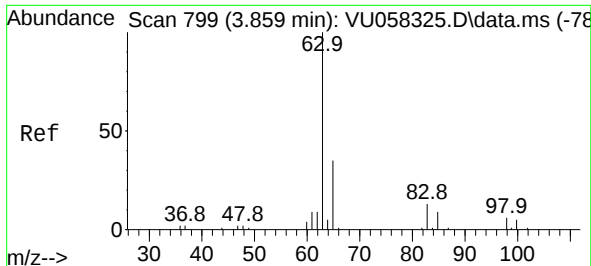
Tgt Ion: 73 Resp: 44947
Ion Ratio Lower Upper
73 100
43 20.0 15.5 23.3
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 3.959 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

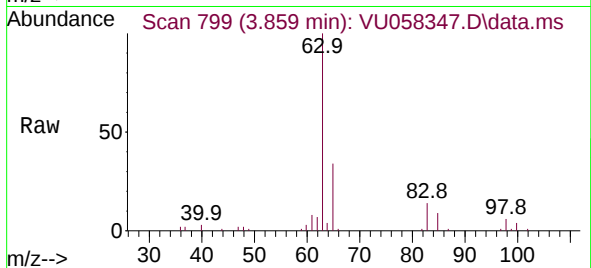
Tgt Ion: 96 Resp: 15820
Ion Ratio Lower Upper
96 100
61 147.4 102.5 190.3
98 62.5 44.0 81.8



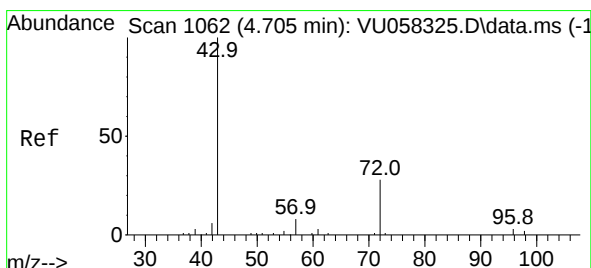
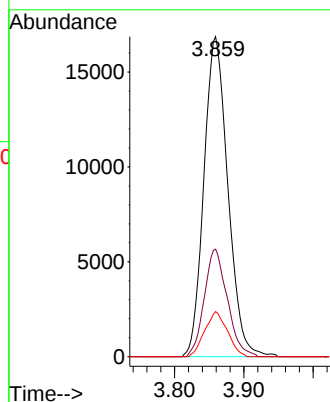
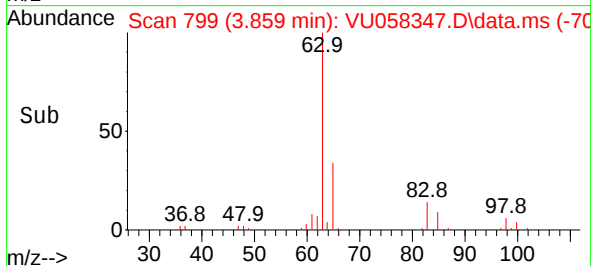


#19
1,1-Dichloroethane
Concen: 4.516 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Instrument :
MSVOA_U
ClientSampleId :

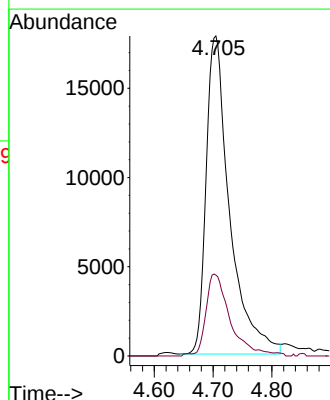
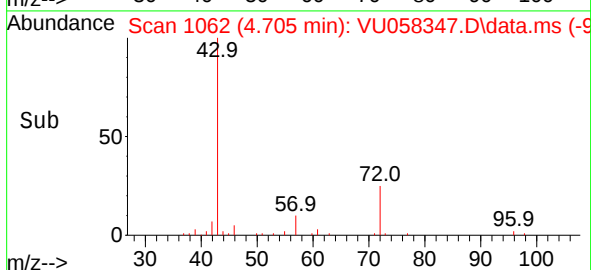
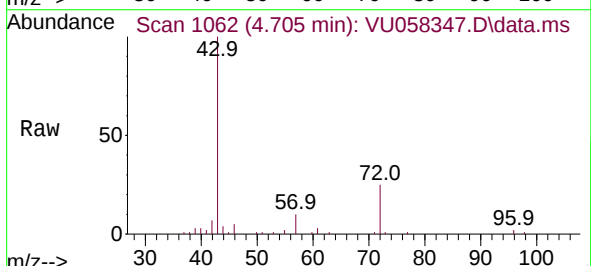


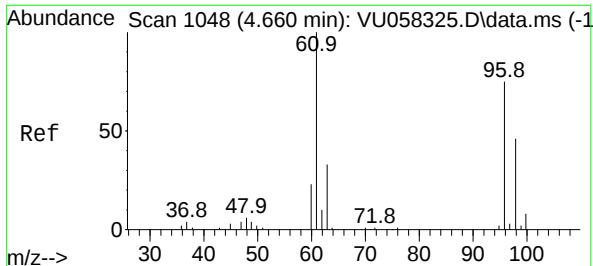
Tgt Ion: 63 Resp: 40546
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.5
83 13.6 10.0 18.6



#21
2-Butanone
Concen: 43.969 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

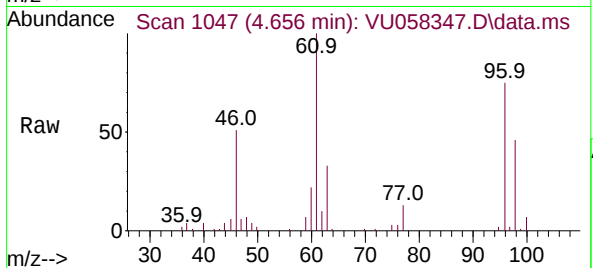
Tgt Ion: 43 Resp: 49507
Ion Ratio Lower Upper
43 100
72 24.2 14.0 41.9



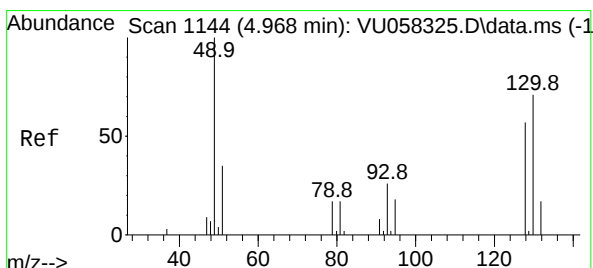
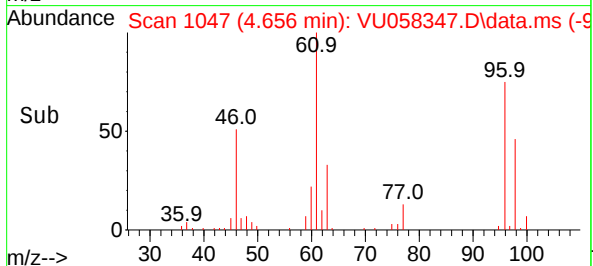
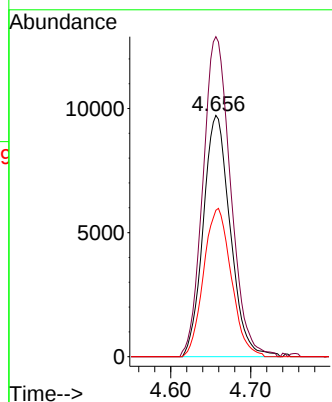


#22
 cis-1,2-Dichloroethene
 Concen: 4.631 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

Instrument :
 MSVOA_U
 ClientSampleId :

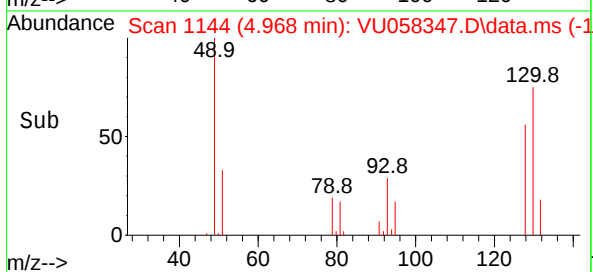
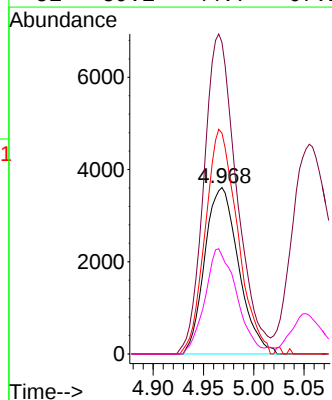
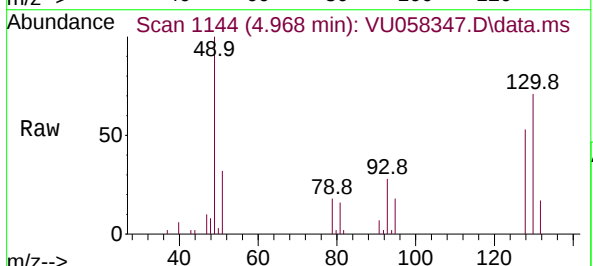


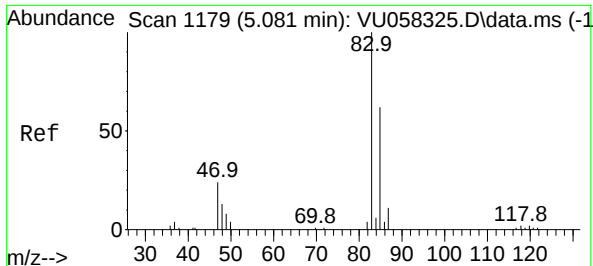
Tgt Ion: 96 Resp: 22871
 Ion Ratio Lower Upper
 96 100
 61 132.7 92.8 172.4
 98 60.7 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.580 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

Tgt Ion: 128 Resp: 8439
 Ion Ratio Lower Upper
 128 100
 49 187.2 125.0 232.2
 130 132.7 92.3 171.5
 51 59.1 44.7 67.1

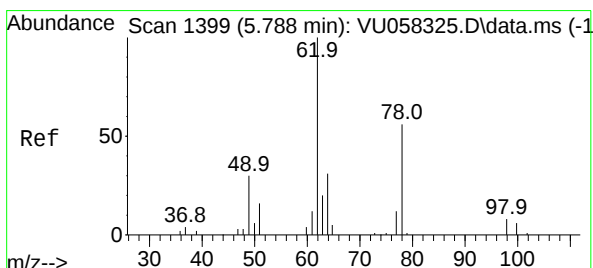
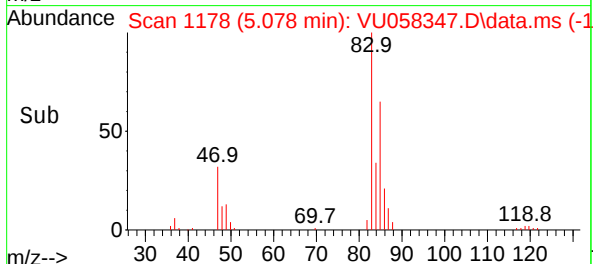
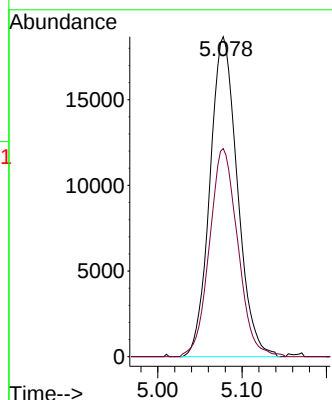
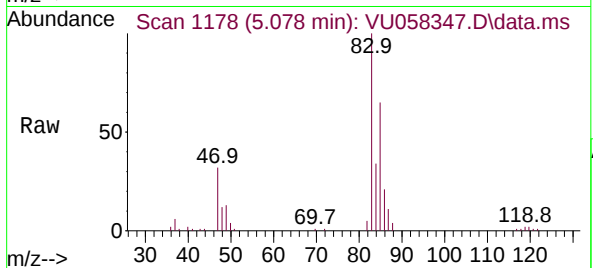




#25
Chloroform
Concen: 4.503 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

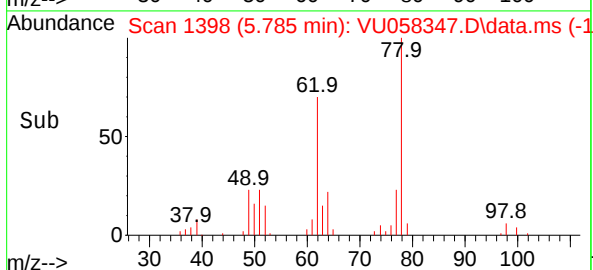
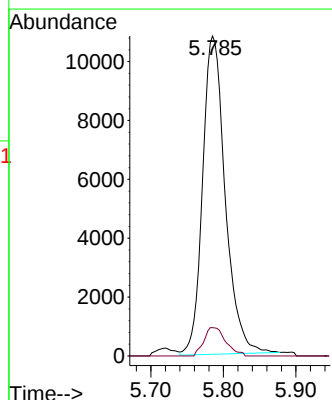
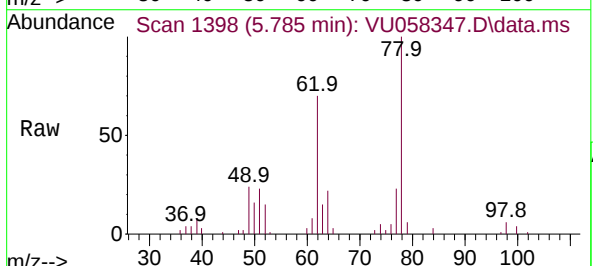
Instrument :
MSVOA_U
ClientSampleId :

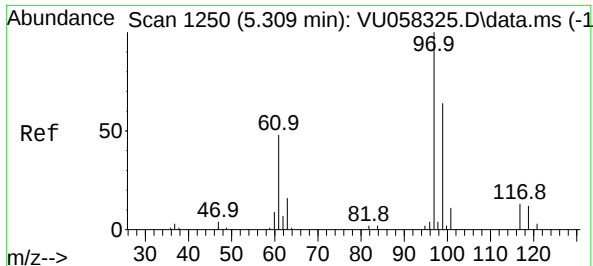
Tgt Ion: 83 Resp: 42405
Ion Ratio Lower Upper
83 100
85 65.0 47.9 88.9



#27
1,2-Dichloroethane
Concen: 4.391 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion: 62 Resp: 23472
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0

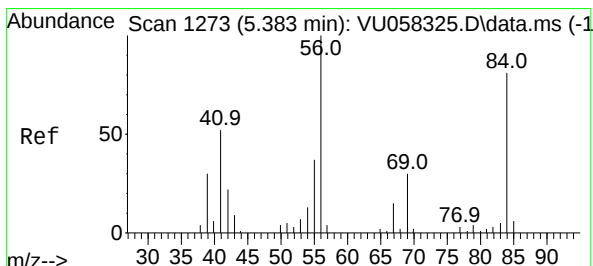
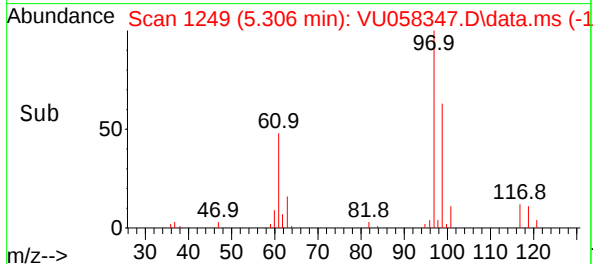
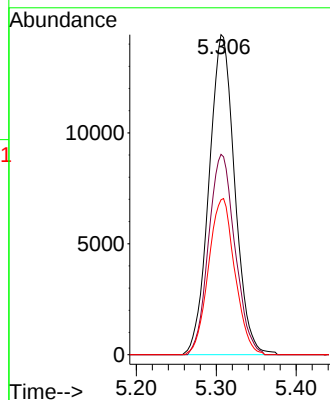
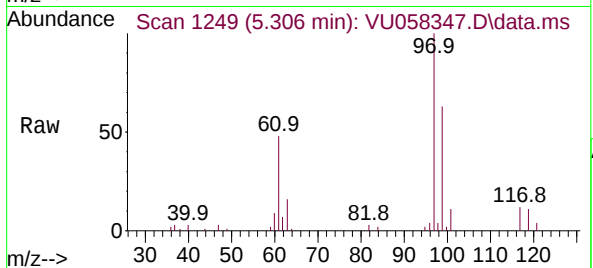




#29
1,1,1-Trichloroethane
Concen: 4.211 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

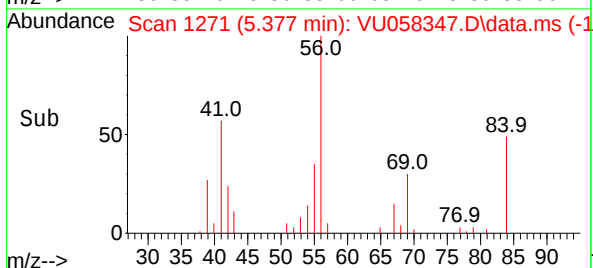
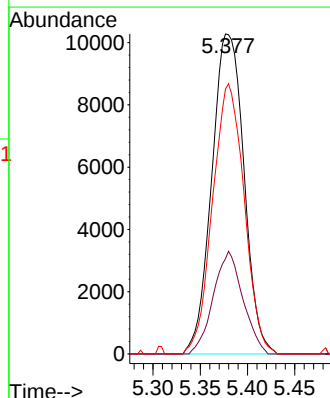
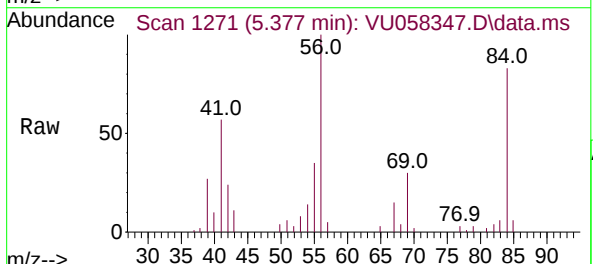
Instrument :
MSVOA_U
ClientSampleId :

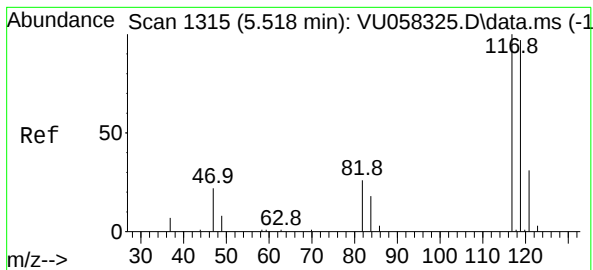
Tgt Ion: 97 Resp: 32227
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 49.9 36.3 54.5



#30
Cyclohexane
Concen: 3.641 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion: 56 Resp: 24335
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.2
84 82.8 69.7 104.5





#31

Carbon tetrachloride

Concen: 4.041 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

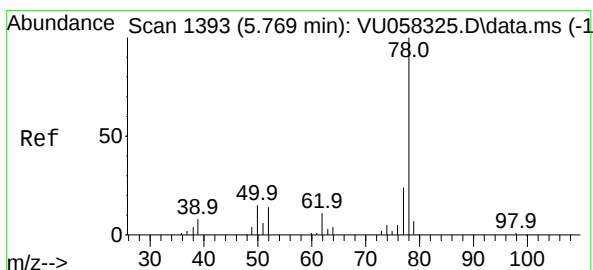
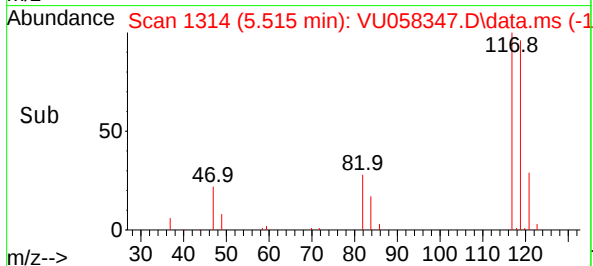
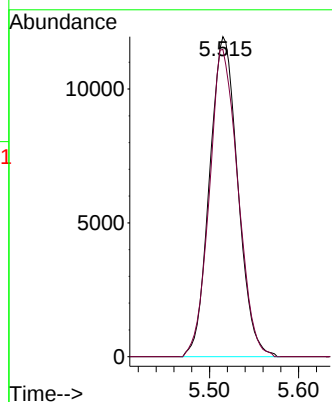
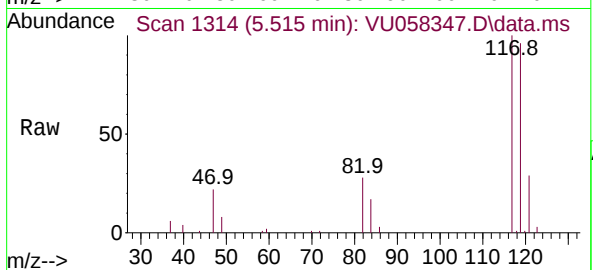
ClientSampleId :

Tgt Ion:117 Resp: 26325

Ion Ratio Lower Upper

117 100

119 97.2 78.1 117.1



#33

Benzene

Concen: 4.223 ug/L

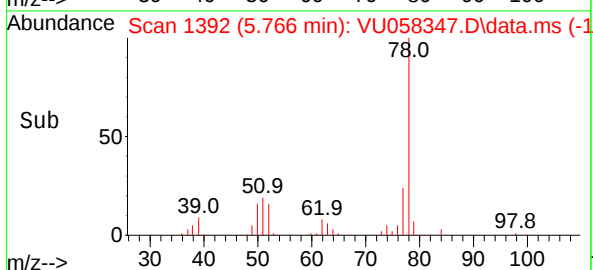
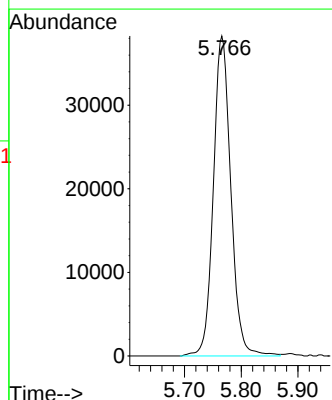
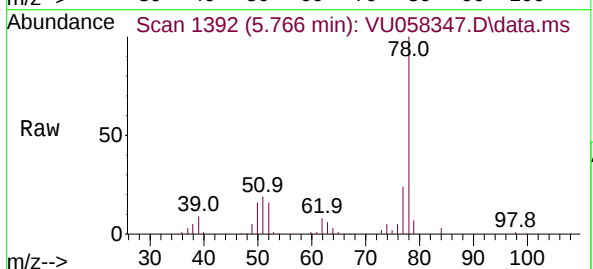
RT: 5.766 min Scan# 1392

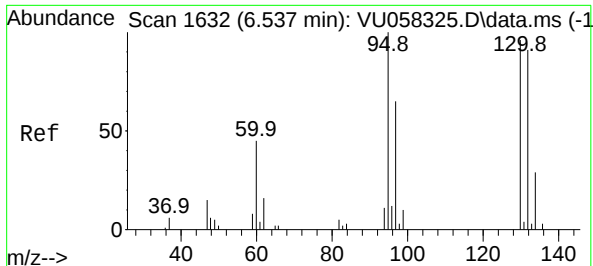
Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

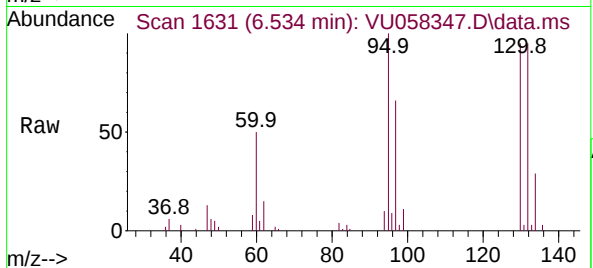
Tgt Ion: 78 Resp: 82087



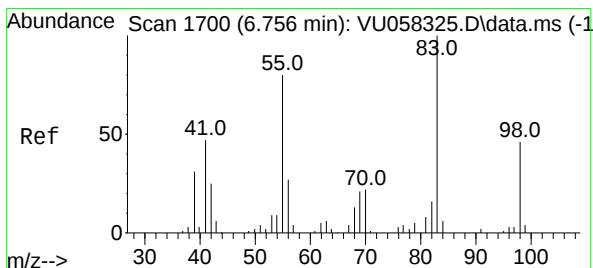
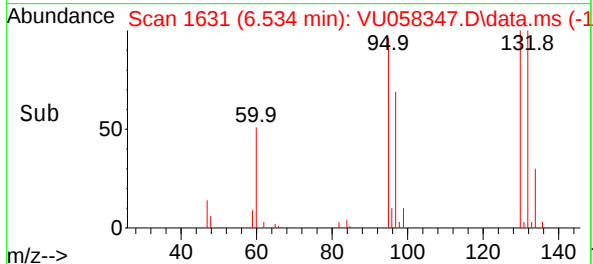
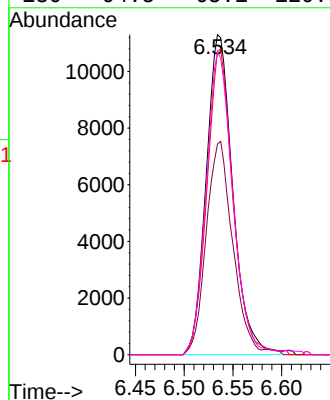


#34
Trichloroethene
Concen: 4.237 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Instrument :
MSVOA_U
ClientSampleId :

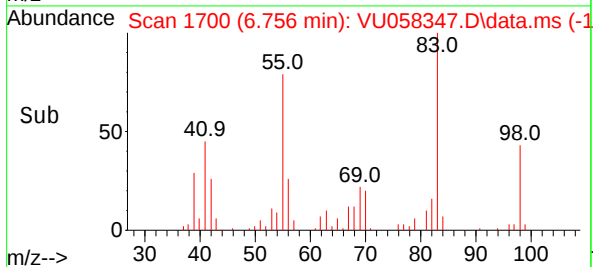
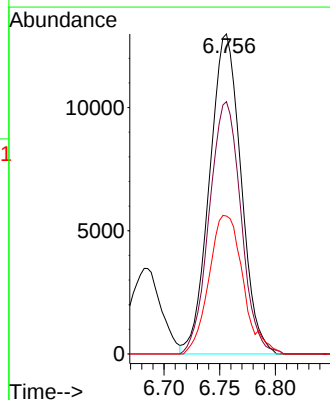
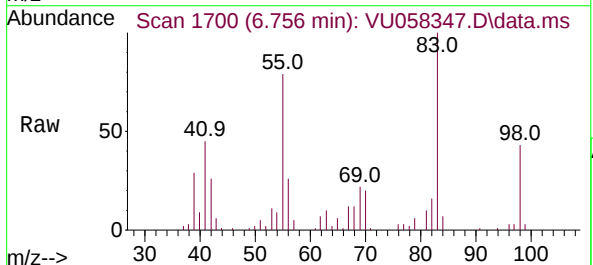


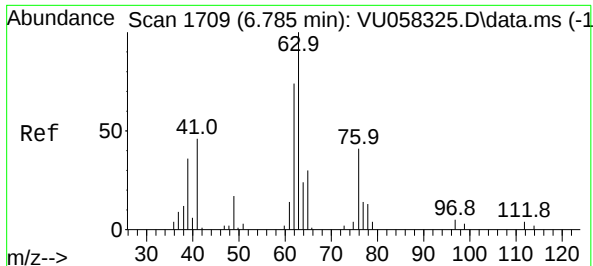
Tgt Ion: 95 Resp: 21458
Ion Ratio Lower Upper
95 100
97 65.8 47.7 88.7
132 94.8 63.6 118.2
130 94.5 65.1 120.9



#35
Methylcyclohexane
Concen: 3.612 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion: 83 Resp: 25514
Ion Ratio Lower Upper
83 100
55 79.3 62.7 94.1
98 46.9 37.3 55.9

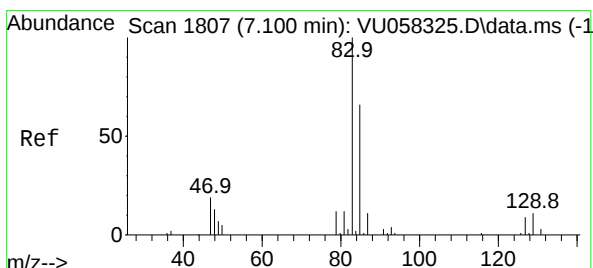
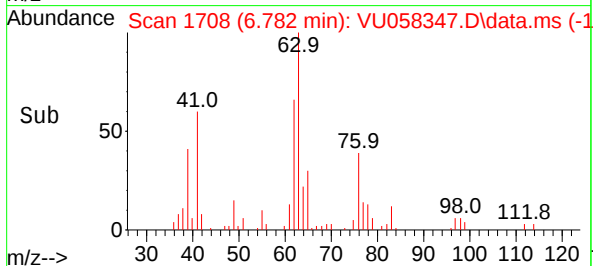
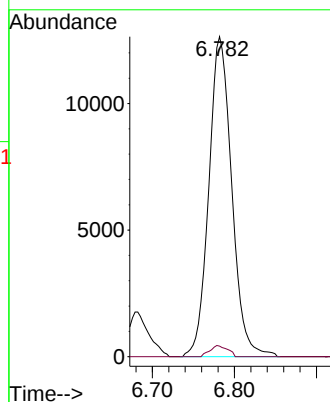
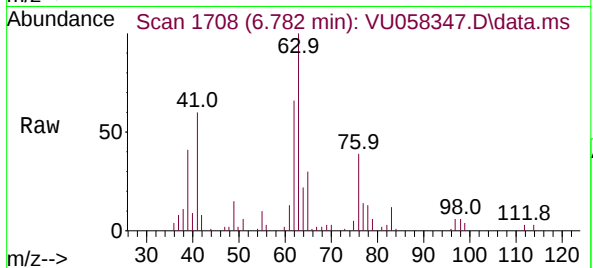




#37
1,2-Dichloropropane
Concen: 4.531 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

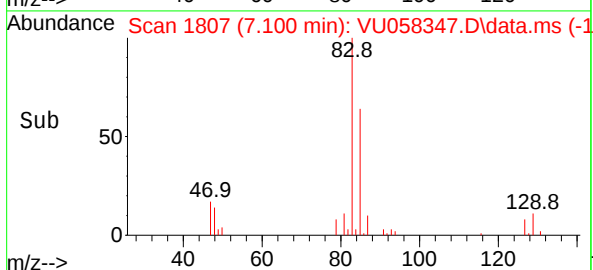
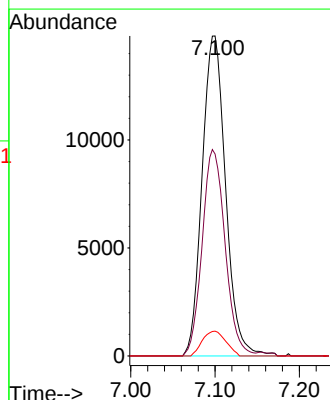
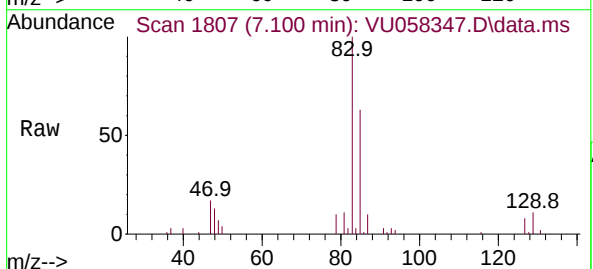
Instrument :
MSVOA_U
ClientSampleId :

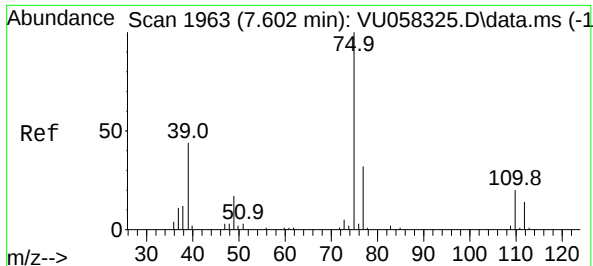
Tgt Ion: 63 Resp: 24604
Ion Ratio Lower Upper
63 100
112 2.7 2.7 4.1#



#38
Bromodichloromethane
Concen: 4.615 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion: 83 Resp: 28726
Ion Ratio Lower Upper
83 100
85 63.1 45.6 84.8
127 7.8 7.1 10.7

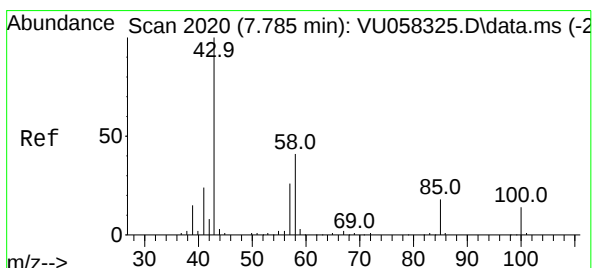
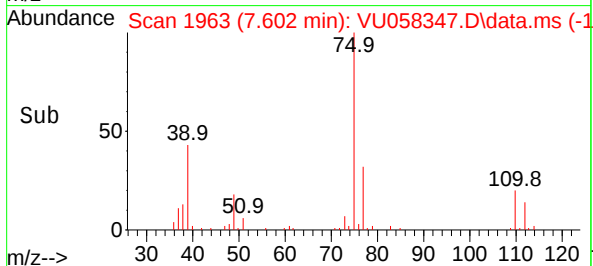
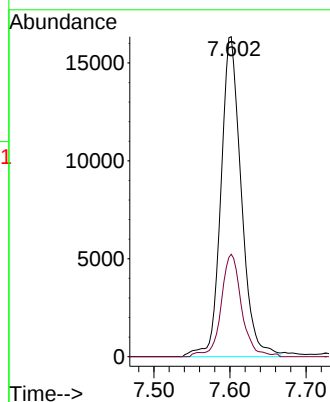
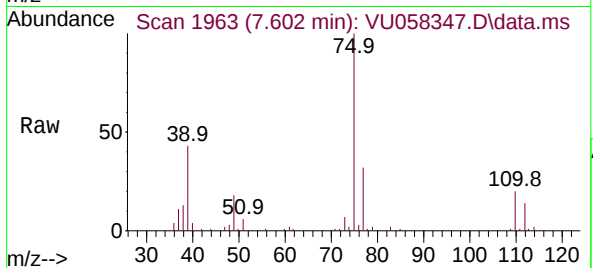




#39
 cis-1,3-Dichloropropene
 Concen: 4.419 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

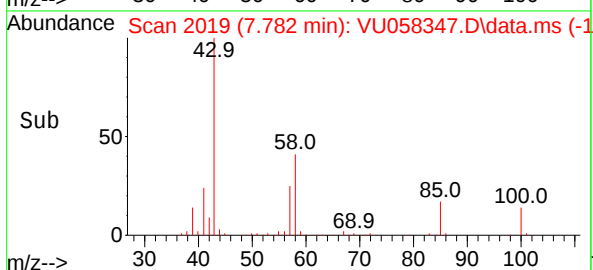
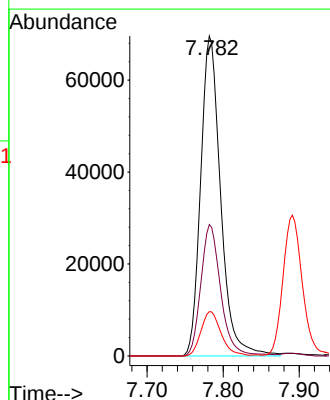
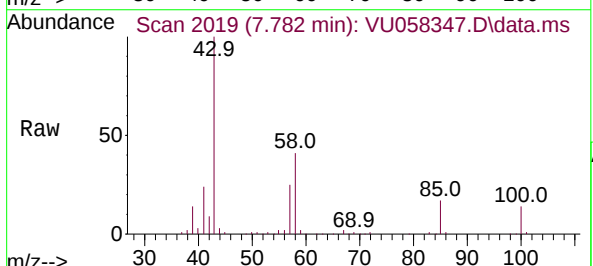
Instrument :
 MSVOA_U
 ClientSampleId :

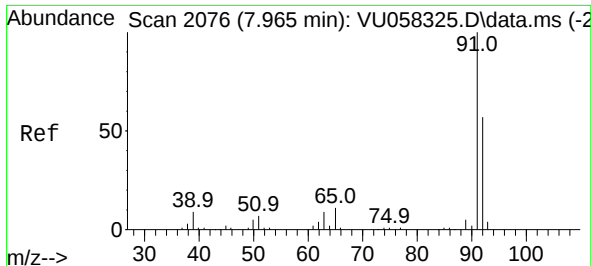
Tgt Ion: 75 Resp: 30437
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 46.266 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058347.D
 Acq: 02 Apr 2024 19:18

Tgt Ion: 43 Resp: 127038
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.2 49.8
 100 14.0 11.5 17.3





#42

Toluene

Concen: 4.208 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

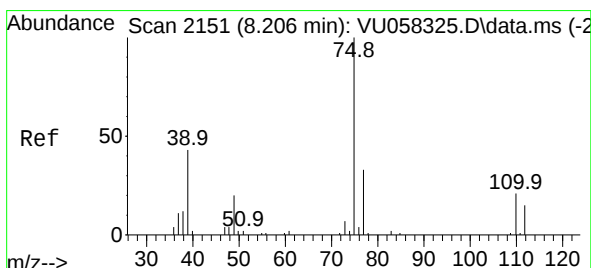
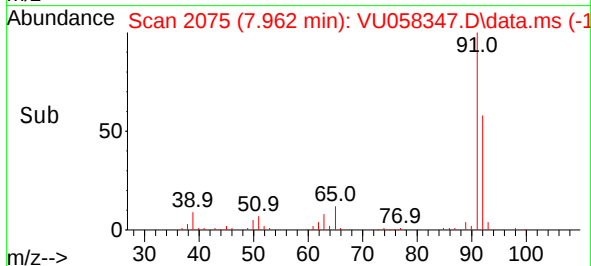
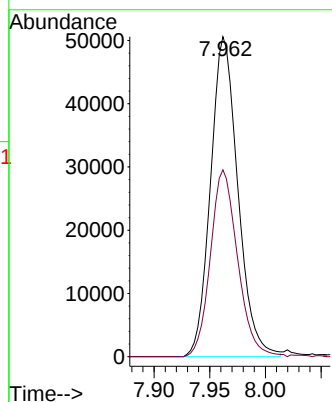
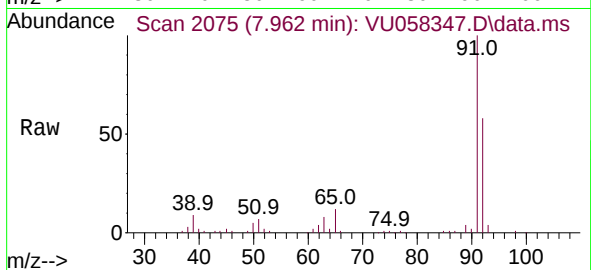
ClientSampleId :

Tgt Ion: 91 Resp: 86438

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.479 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU058347.D

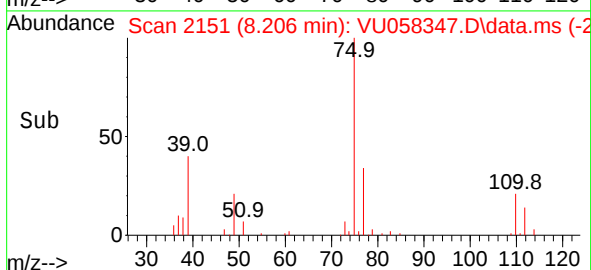
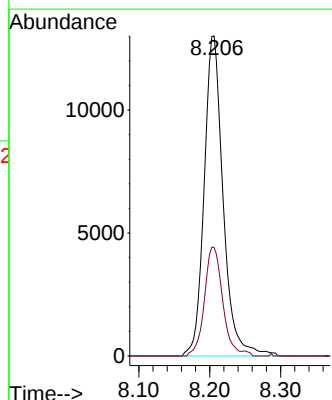
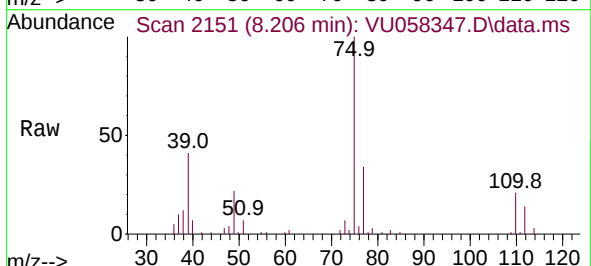
Acq: 02 Apr 2024 19:18

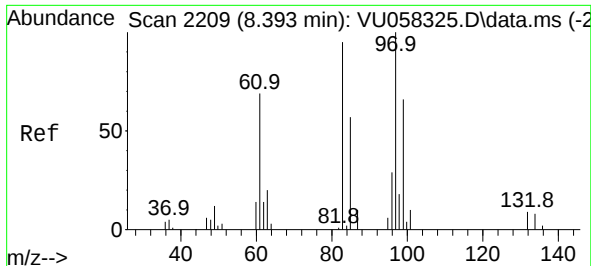
Tgt Ion: 75 Resp: 24274

Ion Ratio Lower Upper

75 100

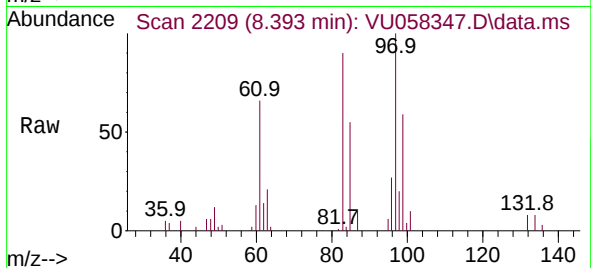
77 33.8 21.7 40.3



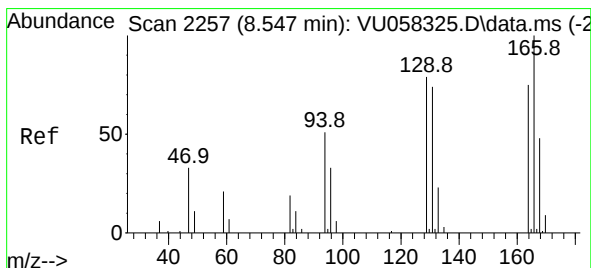
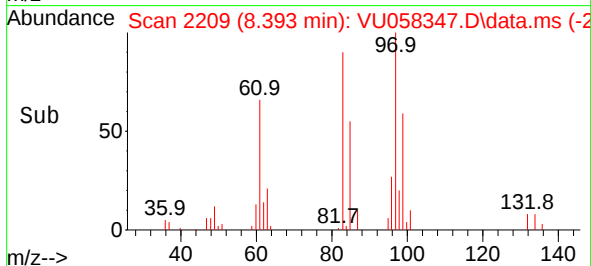
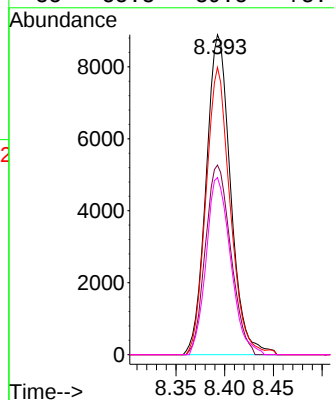


#45
1,1,2-Trichloroethane
Concen: 4.553 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Instrument :
MSVOA_U
ClientSampleId :

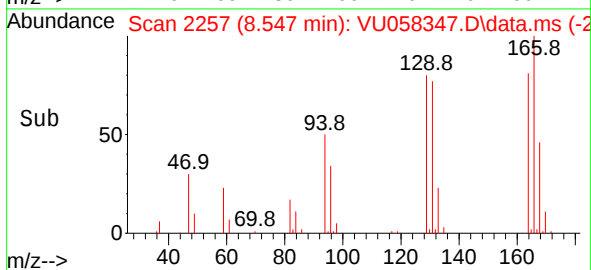
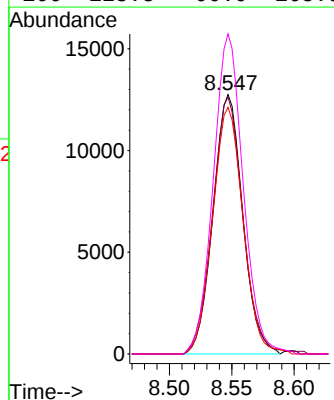
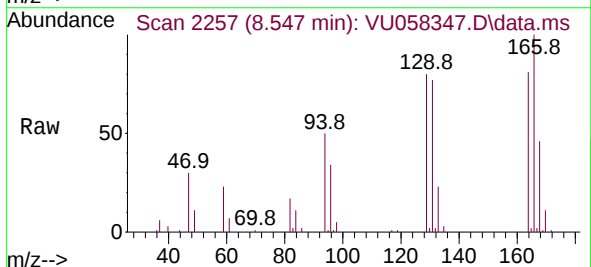


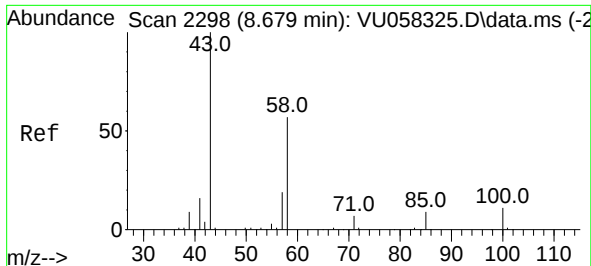
Tgt Ion:	97	Resp:	15574
Ion	Ratio	Lower	Upper
97	100		
99	59.2	44.5	82.7
83	89.8	64.1	119.1
85	55.3	39.5	73.4



#47
Tetrachloroethene
Concen: 6.218 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

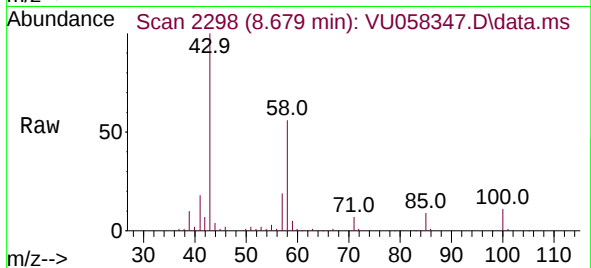
Tgt Ion:	164	Resp:	21092
Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.3	132.3
131	95.0	70.8	131.4
166	123.3	90.9	168.9



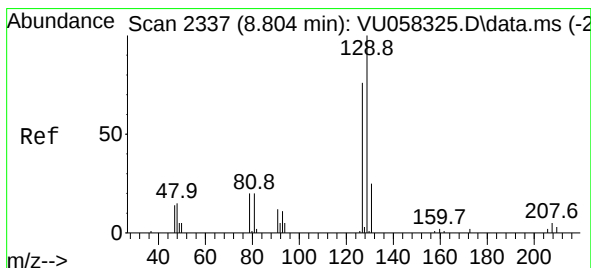
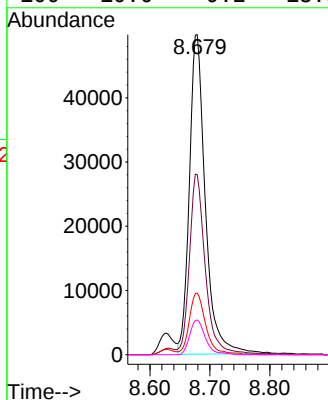
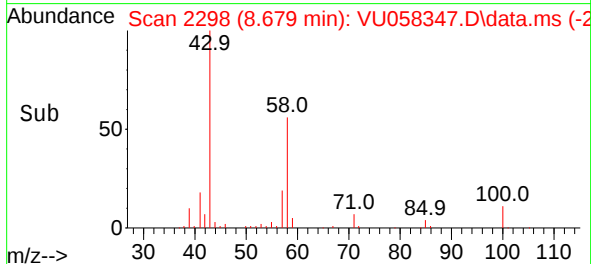


#48
2-Hexanone
Concen: 46.185 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Instrument :
MSVOA_U
ClientSampleId :

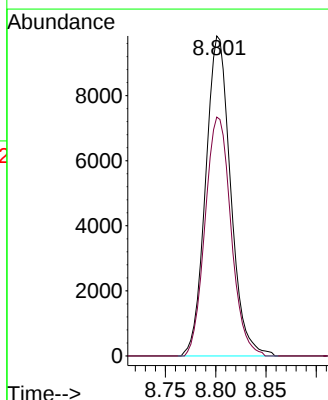
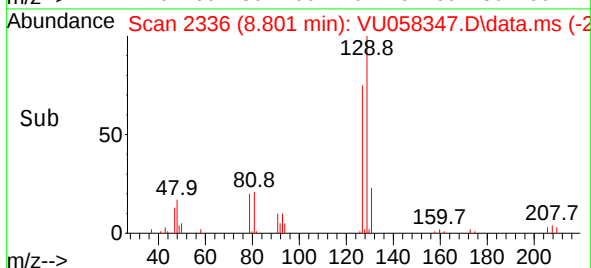
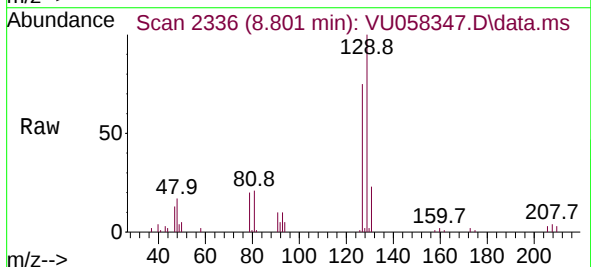


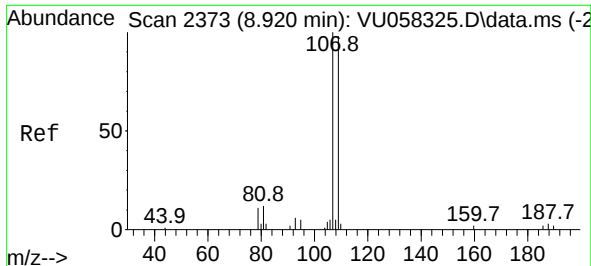
Tgt Ion:	43	Resp:	92353
Ion	Ratio	Lower	Upper
43	100		
58	55.2	48.3	72.5
57	20.1	16.3	24.5
100	10.6	9.2	13.8



#49
Dibromochloromethane
Concen: 4.541 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion:	129	Resp:	16995
Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.7	103.5





#50

1,2-Dibromoethane

Concen: 4.608 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.003 min MSVOA_U

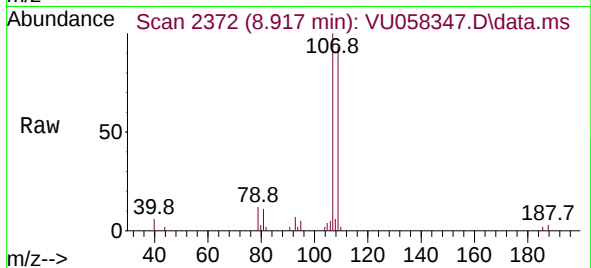
Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :



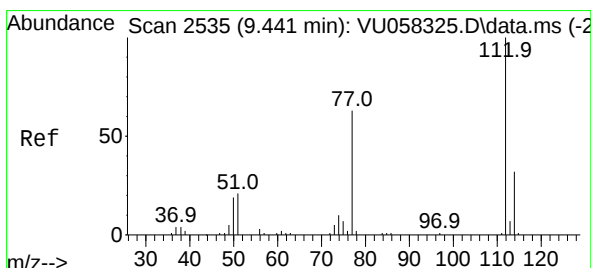
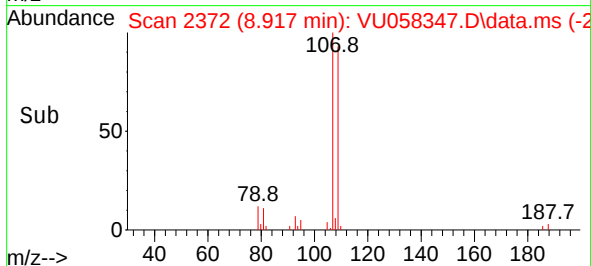
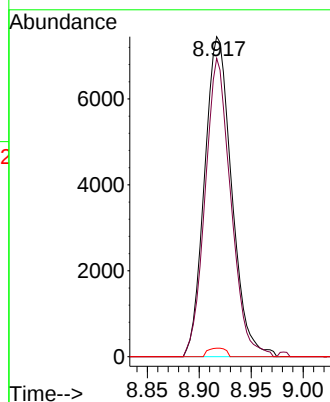
Tgt Ion:107 Resp: 13569

Ion Ratio Lower Upper

107 100

109 93.2 67.8 125.8

188 2.7 2.5 3.7



#51

Chlorobenzene

Concen: 4.421 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

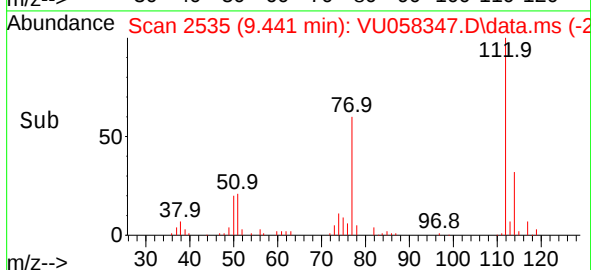
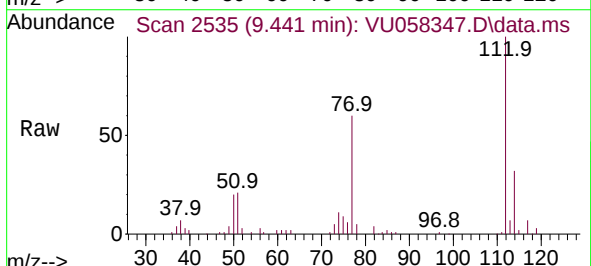
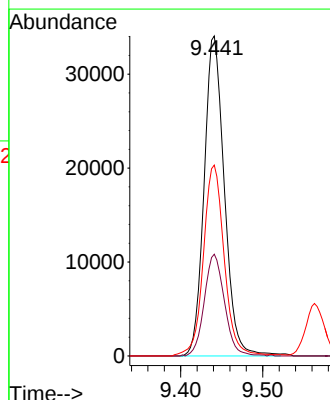
Tgt Ion:112 Resp: 58508

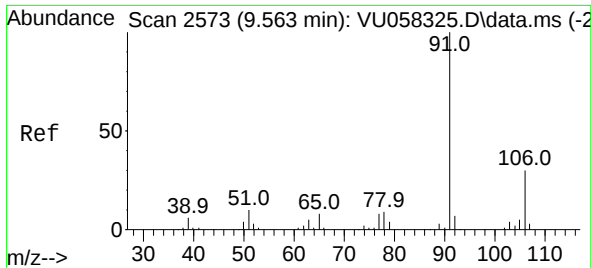
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.3

77 59.6 48.9 73.3

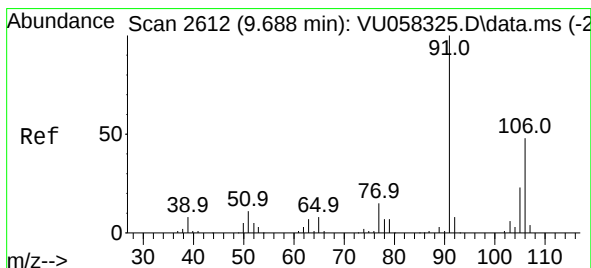
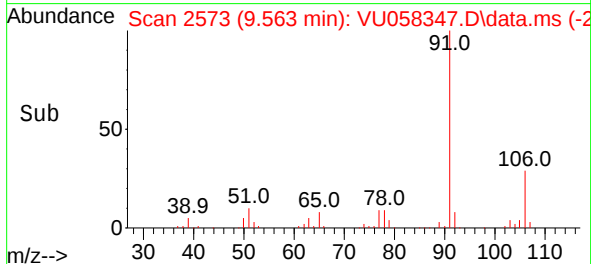
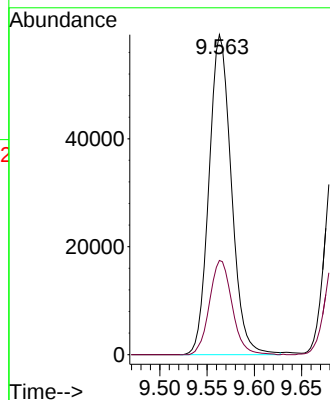
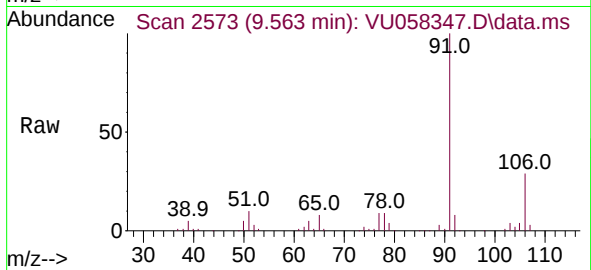




#52
Ethylbenzene
Concen: 4.250 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

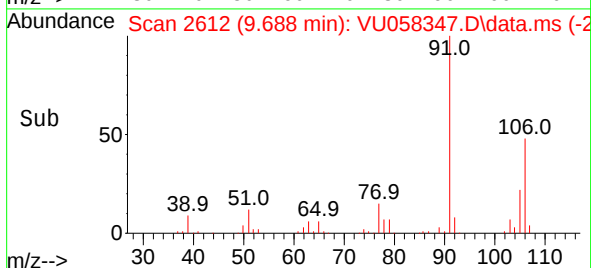
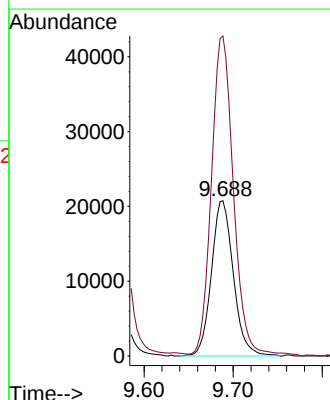
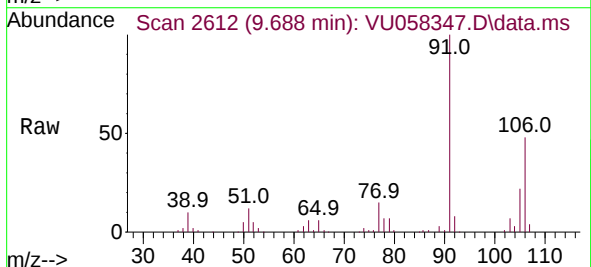
Instrument :
MSVOA_U
ClientSampleId :

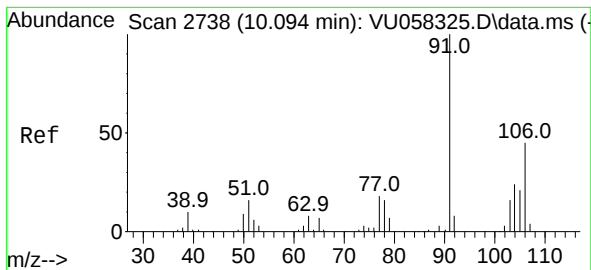
Tgt Ion: 91 Resp: 97475
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.2



#53
m,p-Xylene
Concen: 4.339 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion: 106 Resp: 35455
Ion Ratio Lower Upper
106 100
91 206.2 151.0 280.4





#54

o-Xylene

Concen: 4.300 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

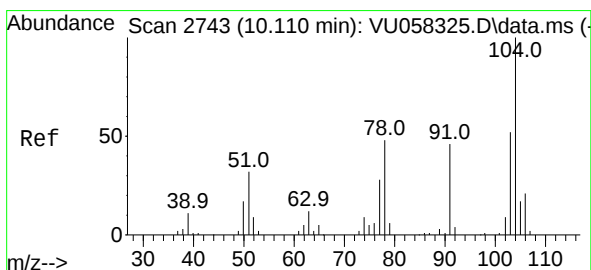
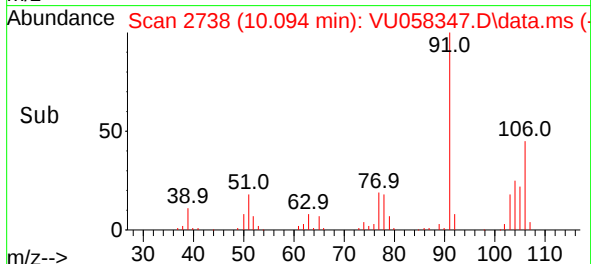
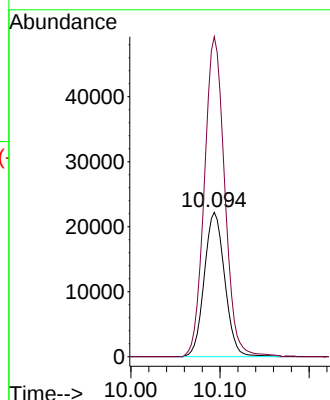
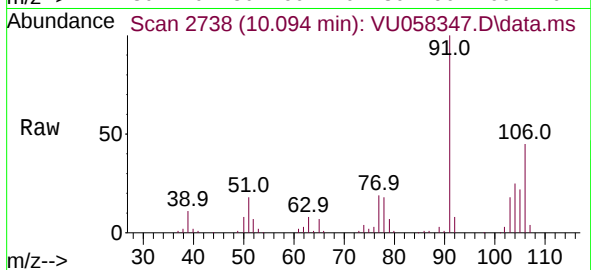
ClientSampleId :

Tgt Ion:106 Resp: 35472

Ion Ratio Lower Upper

106 100

91 221.7 154.3 286.7



#55

Styrene

Concen: 4.498 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058347.D

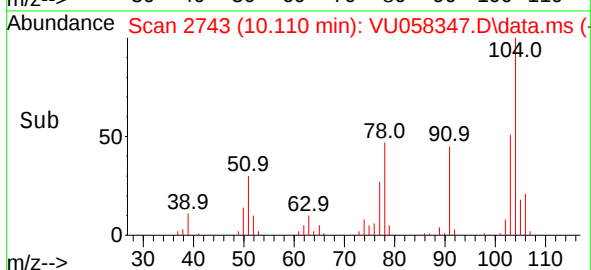
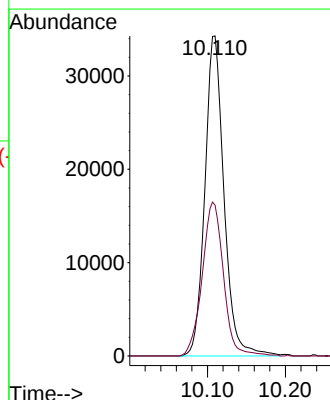
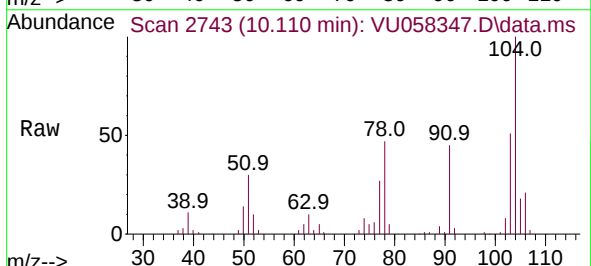
Acq: 02 Apr 2024 19:18

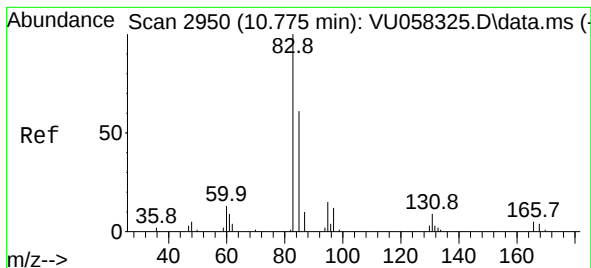
Tgt Ion:104 Resp: 58585

Ion Ratio Lower Upper

104 100

78 47.1 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.830 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :

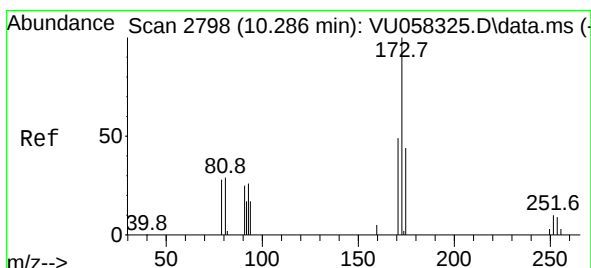
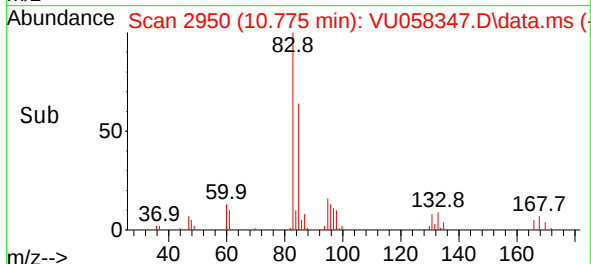
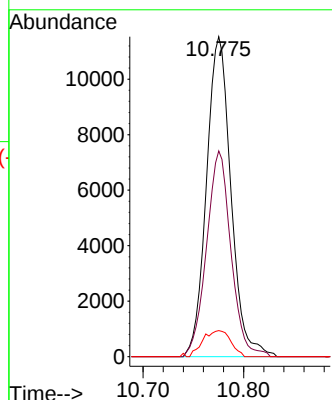
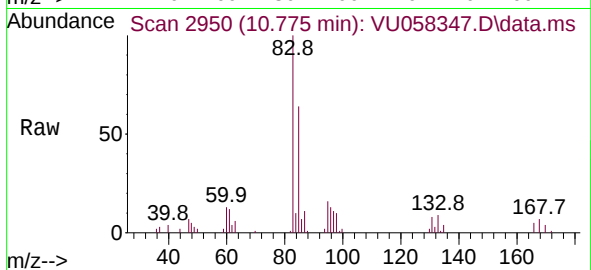
Tgt Ion: 83 Resp: 19472

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9

131 8.2 7.0 10.6



#59

Bromoform

Concen: 4.524 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

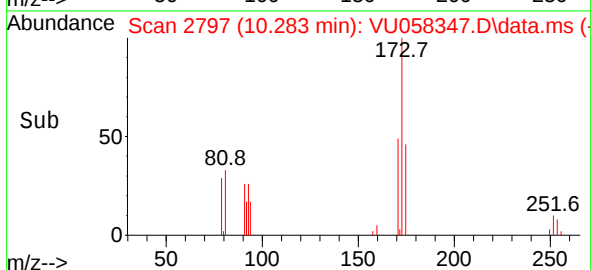
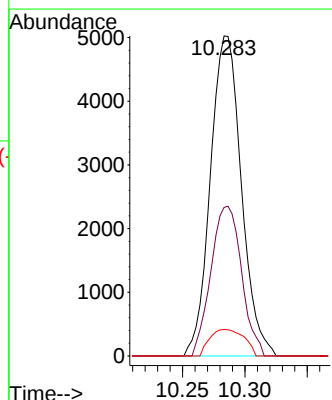
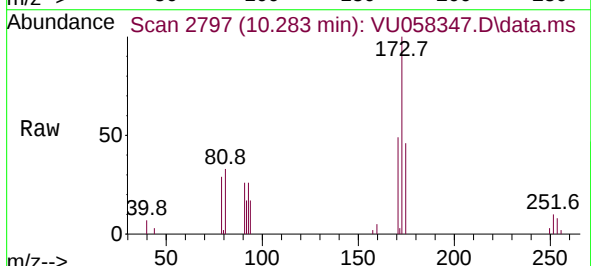
Tgt Ion:173 Resp: 8694

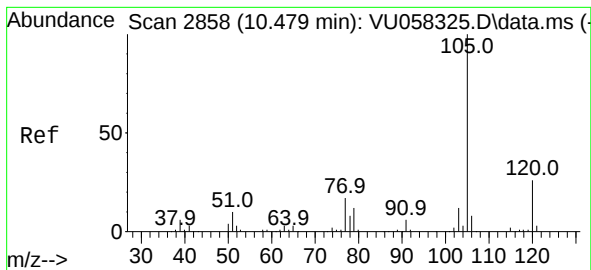
Ion Ratio Lower Upper

173 100

175 46.2 40.9 61.3

254 9.1 5.8 8.8#





#60

Isopropylbenzene

Concen: 4.224 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058347.D

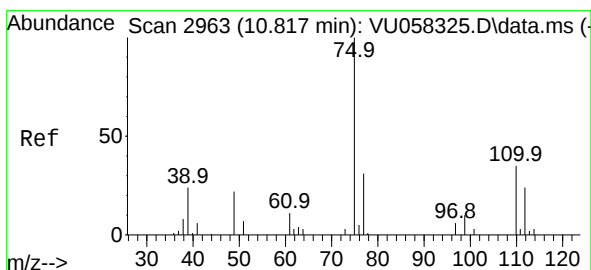
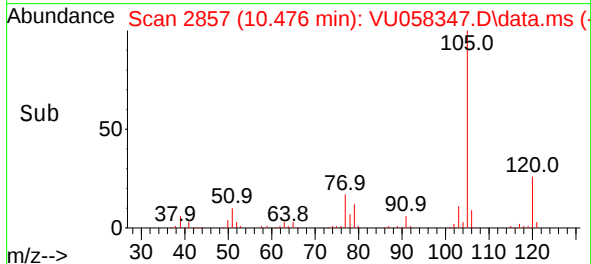
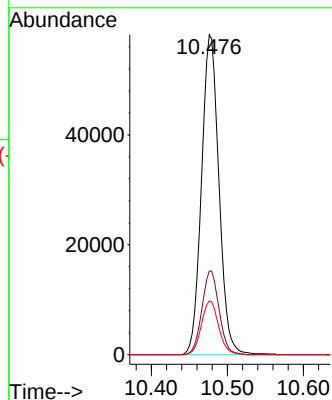
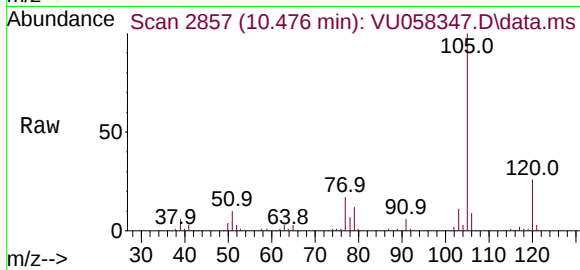
Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	92847
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.5 30.7
77	16.6	13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.414 ug/L

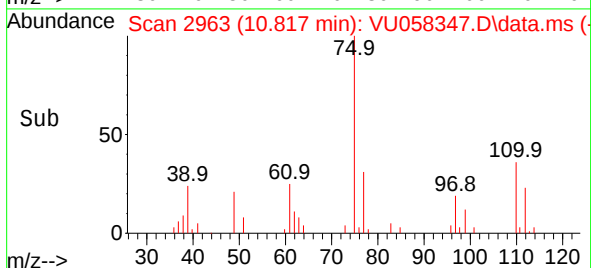
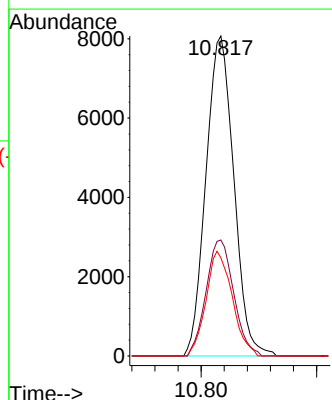
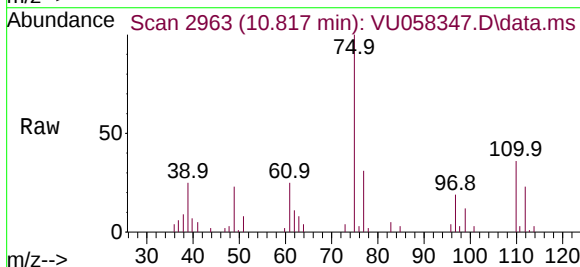
RT: 10.817 min Scan# 2963

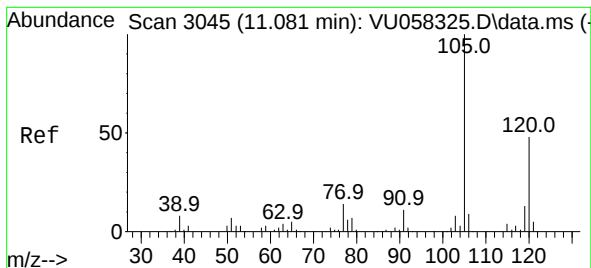
Delta R.T. 0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Tgt Ion: 75	Resp:	13524
Ion Ratio	Lower	Upper
75	100	
110	35.9	28.1 42.1
77	30.7	25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.110 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

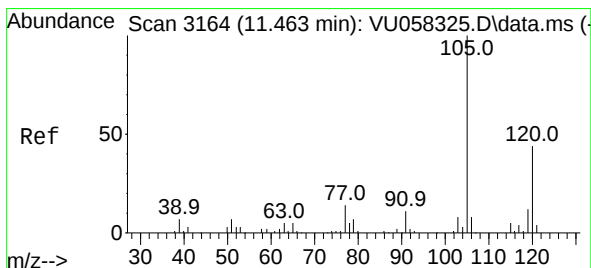
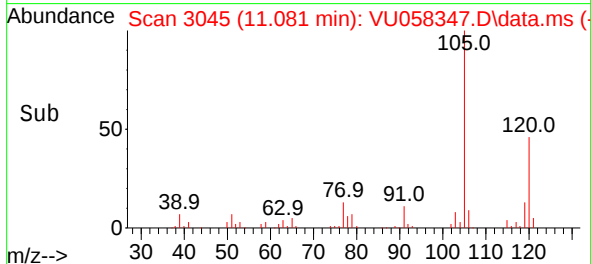
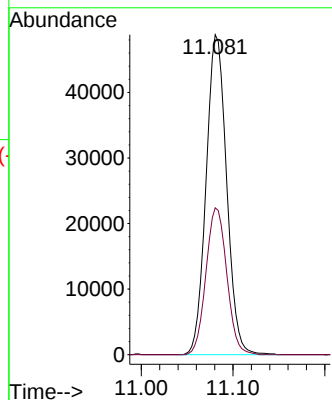
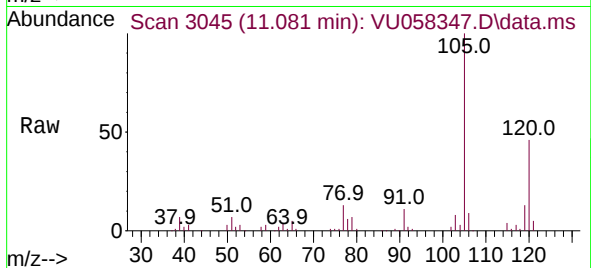
ClientSampleId :

Tgt Ion:105 Resp: 75815

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.260 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058347.D

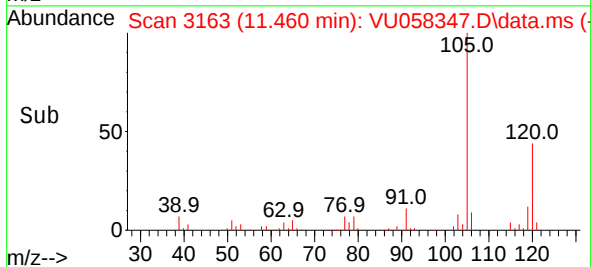
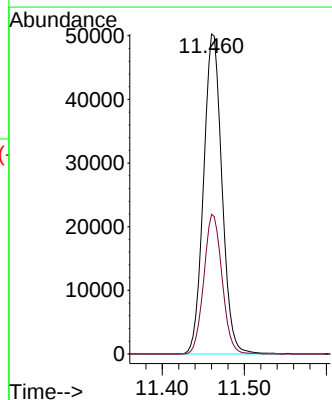
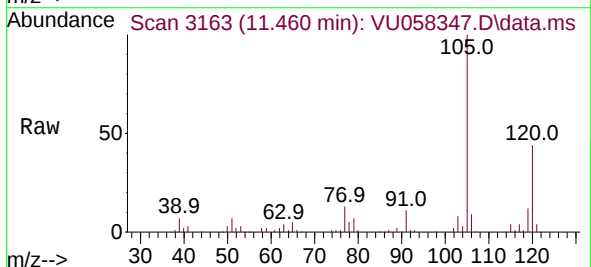
Acq: 02 Apr 2024 19:18

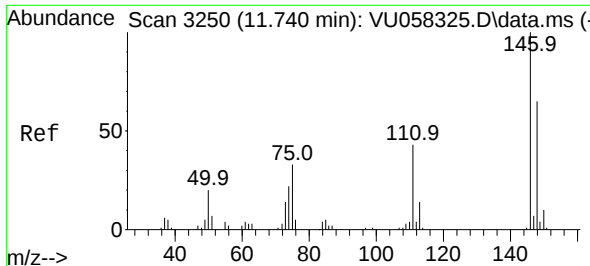
Tgt Ion:105 Resp: 78049

Ion Ratio Lower Upper

105 100

120 43.3 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 4.396 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

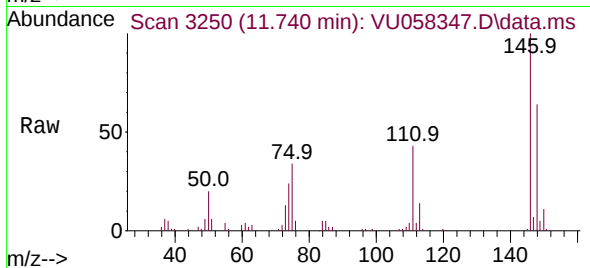
Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :



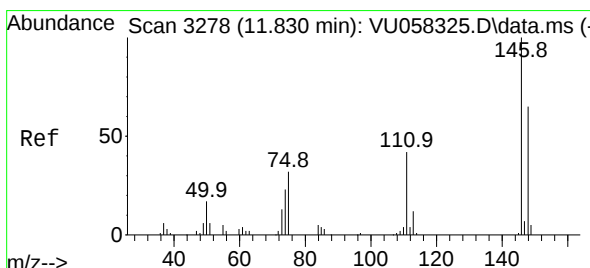
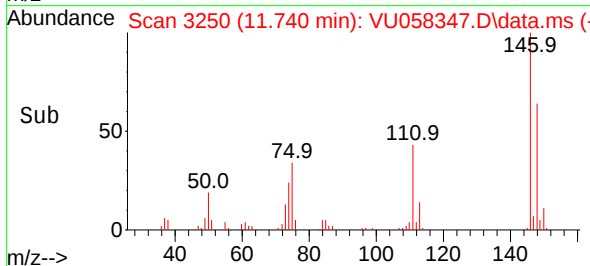
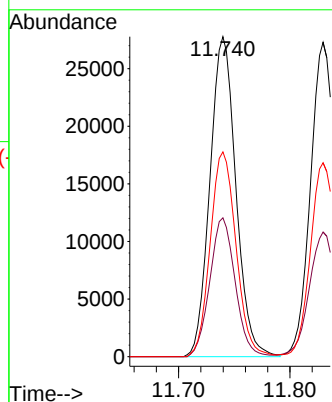
Tgt Ion:146 Resp: 45005

Ion Ratio Lower Upper

146 100

111 43.4 29.9 55.5

148 64.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.526 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

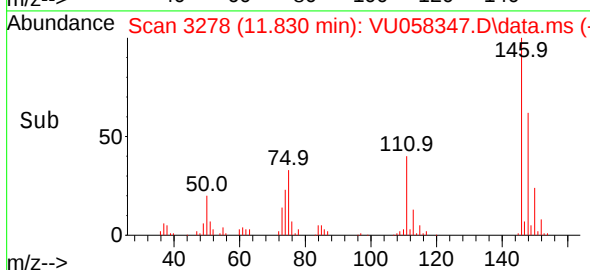
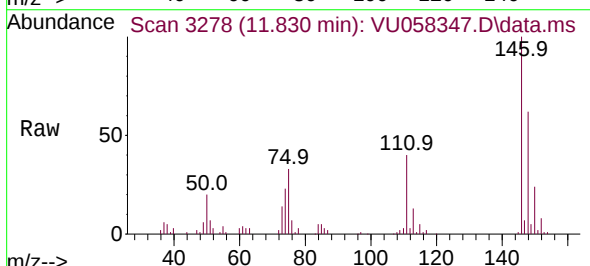
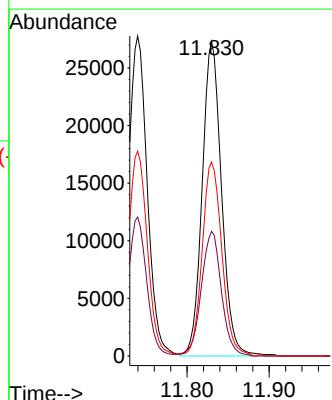
Tgt Ion:146 Resp: 44777

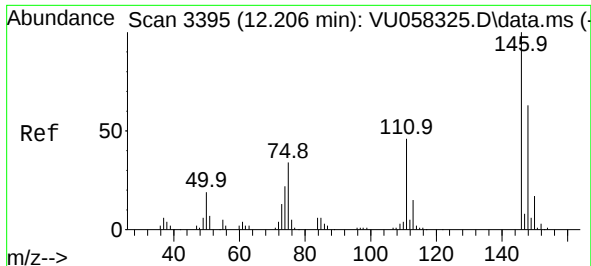
Ion Ratio Lower Upper

146 100

111 39.6 29.0 53.8

148 61.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.425 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :

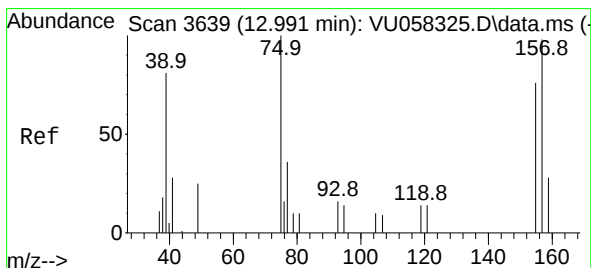
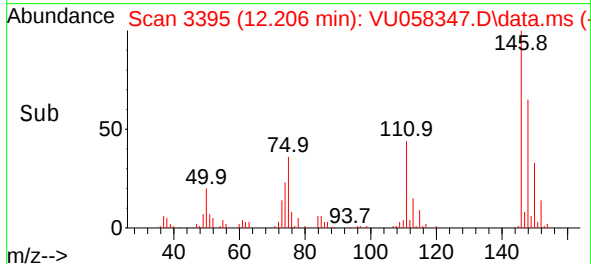
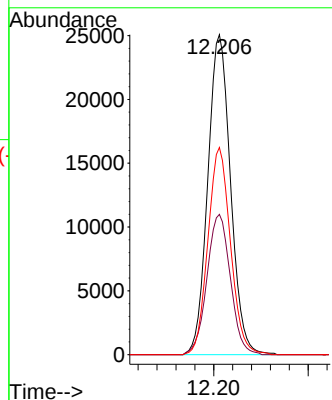
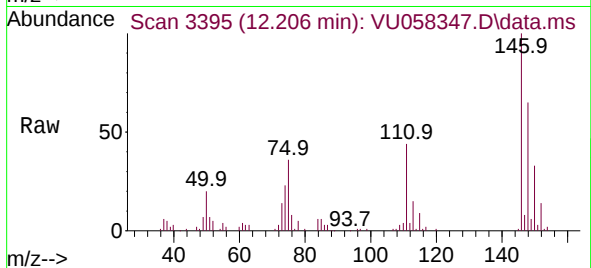
Tgt Ion:146 Resp: 41892

Ion Ratio Lower Upper

146 100

111 43.9 35.9 53.9

148 64.8 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.214 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

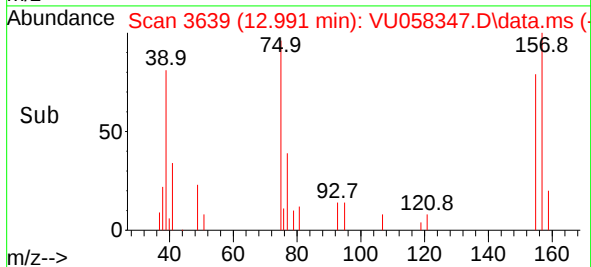
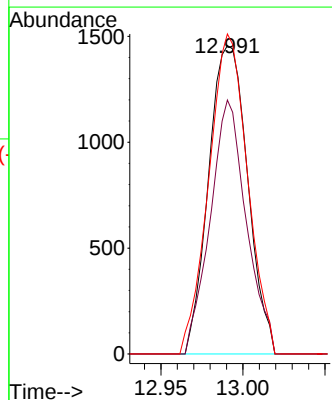
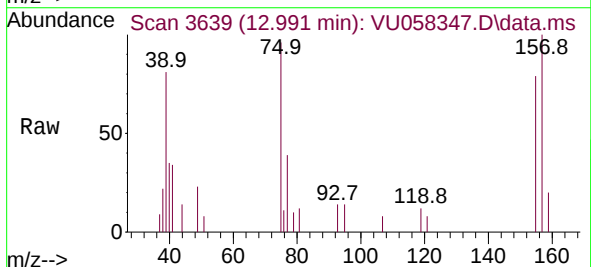
Tgt Ion: 75 Resp: 2409

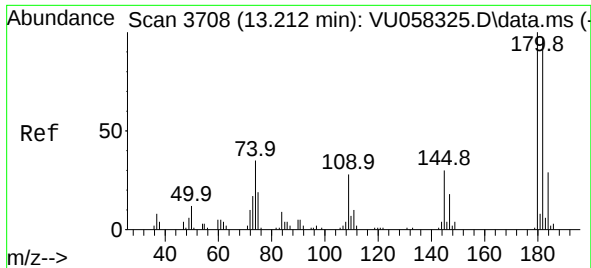
Ion Ratio Lower Upper

75 100

155 82.3 60.2 90.2

157 103.8 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 4.560 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

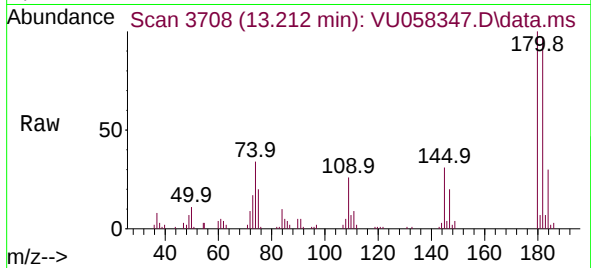
Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 32643

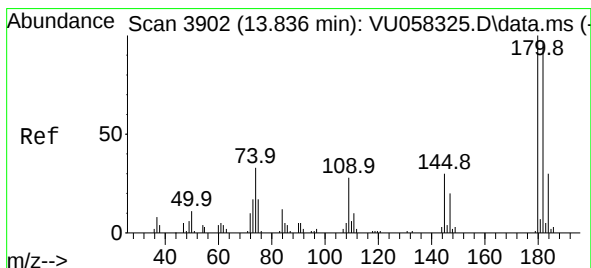
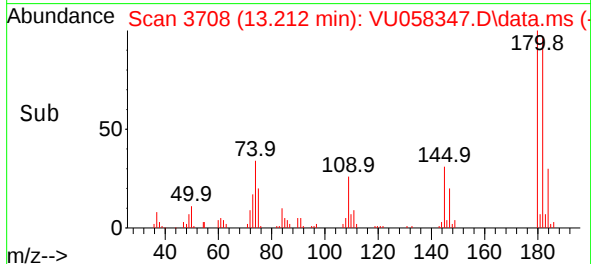
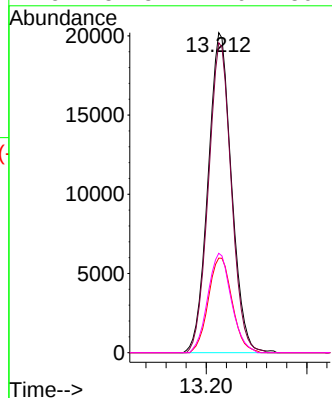
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

184 30.1 24.8 37.2

145 31.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.864 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058347.D

Acq: 02 Apr 2024 19:18

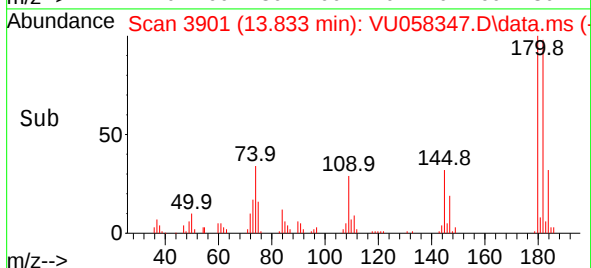
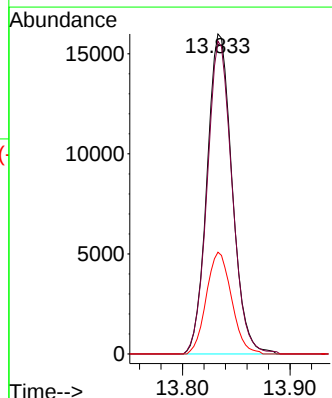
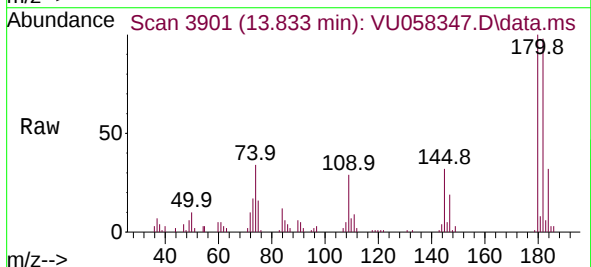
Tgt Ion:180 Resp: 25972

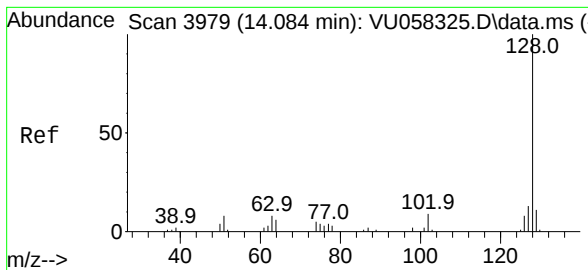
Ion Ratio Lower Upper

180 100

182 96.9 74.5 111.7

145 31.8 24.5 36.7

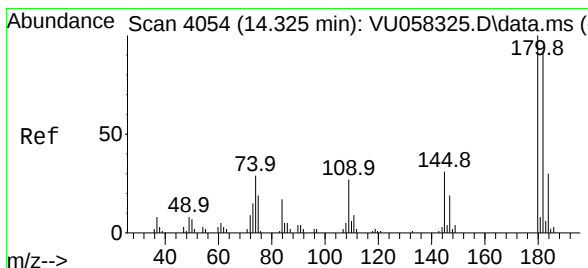
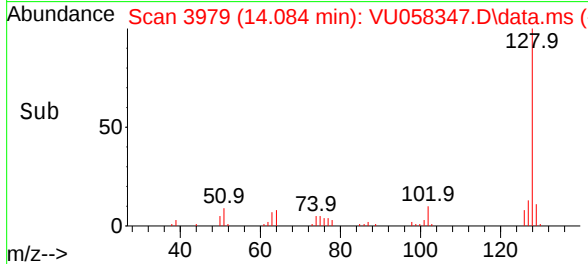
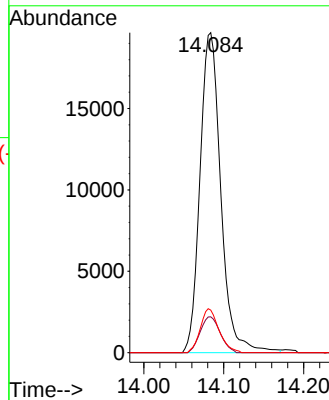
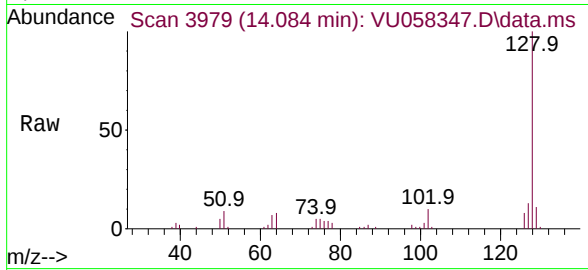




#71
Naphthalene
Concen: 4.899 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 35624
Ion Ratio Lower Upper
128 100
129 10.8 8.1 12.1
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.003 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058347.D
Acq: 02 Apr 2024 19:18

Tgt Ion:180 Resp: 21874
Ion Ratio Lower Upper
180 100
182 94.1 74.4 111.6
145 35.8 26.3 39.5

