

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082024\
 Data File : VU060485.D
 Acq On : 20 Aug 2024 12:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:27:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 16 04:55:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	73835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	42427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25731	4.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	25406	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.560	65	11353	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.634	46	66122	53.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.520%
24) Chloroform-d	5.058	84	62107	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.698	65	29496	5.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.721	84	113498	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.682	67	35824	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	109346	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.174	79	13068	5.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.627	63	53042	50.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31638	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	38766	4.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	22353	5.612	ug/L	99
3) Chloromethane	1.518	50	23996	4.844	ug/L	100
5) Vinyl chloride	1.602	62	27618	4.761	ug/L	98
6) Bromomethane	1.856	94	20108	4.895	ug/L	99
8) Chloroethane	1.930	64	19819	5.038	ug/L	98
9) Trichlorofluoromethane	2.133	101	50151	6.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	30094	5.616	ug/L	99
12) 1,1-Dichloroethene	2.573	96	24384	5.009	ug/L	96
13) Acetone	2.647	43	58319	69.434	ug/L	97
14) Carbon disulfide	2.788	76	52628	4.285	ug/L	100
15) Methyl Acetate	2.956	43	10209	5.866	ug/L	97
16) Methylene chloride	3.039	84	31501	4.552	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	61581	5.365	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	24247	5.077	ug/L	98
19) 1,1-Dichloroethane	3.859	63	55168	5.595	ug/L	93
21) 2-Butanone	4.711	43	73992	59.105	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	30088	5.219	ug/L	93
23) Bromochloromethane	4.972	128	15003	5.638	ug/L	95
25) Chloroform	5.081	83	61109	5.697	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:27:12 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 16 04:55:30 2024
 Response via : Initial Calibration

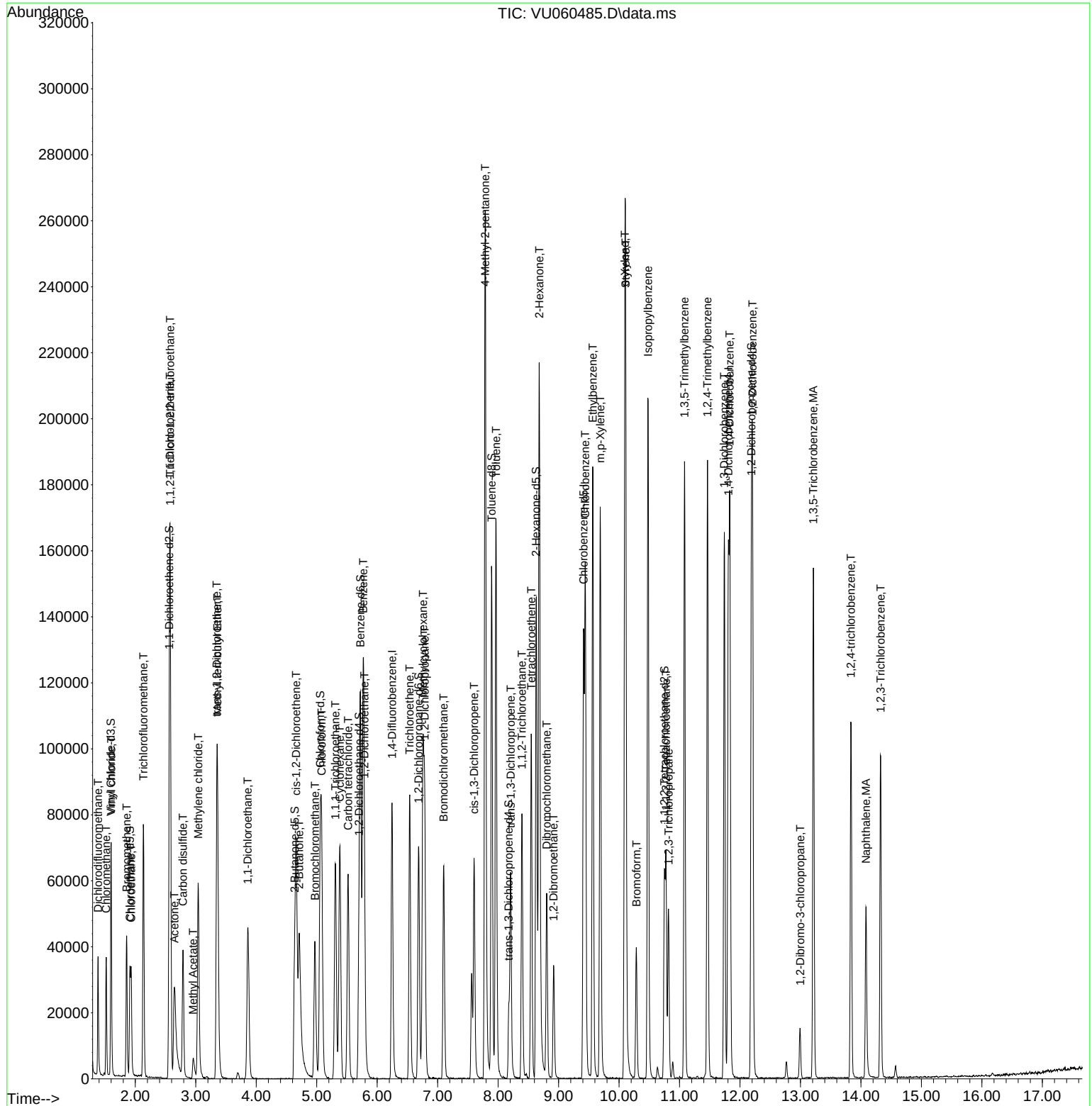
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	34543	6.055	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	50870	5.935	ug/L	98
30) Cyclohexane	5.383	56	31050	4.475	ug/L	96
31) Carbon tetrachloride	5.518	117	43736	5.822	ug/L	97
33) Benzene	5.769	78	117373	5.207	ug/L	100
34) Trichloroethene	6.534	95	30020	5.087	ug/L	95
35) Methylcyclohexane	6.756	83	35763	4.641	ug/L	99
37) 1,2-Dichloropropane	6.785	63	33896	5.525	ug/L	100
38) Bromodichloromethane	7.100	83	43999	5.802	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	43230	5.187	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	166486	58.131	ug/L	97
42) Toluene	7.965	91	130261	5.468	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	39017	5.667	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	25828	5.497	ug/L	97
47) Tetrachloroethene	8.547	164	24133	5.228	ug/L	96
48) 2-Hexanone	8.679	43	138736	63.900	ug/L	97
49) Dibromochloromethane	8.801	129	29654	5.935	ug/L	97
50) 1,2-Dibromoethane	8.917	107	23599	5.642	ug/L	98
51) Chlorobenzene	9.441	112	85762	5.336	ug/L	98
52) Ethylbenzene	9.563	91	128930	5.137	ug/L	100
53) m,p-Xylene	9.689	106	51167	5.364	ug/L	98
54) o-Xylene	10.097	106	49832	5.460	ug/L	96
55) Styrene	10.110	104	87908	5.567	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	32638	5.586	ug/L	97
59) Bromoform	10.287	173	19131	5.938	ug/L	97
60) Isopropylbenzene	10.479	105	134368	5.245	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	22962	5.590	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	101813	5.162	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	101442	5.219	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	71521	5.478	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	70357	5.346	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	67915	5.509	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	4381	5.689	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	50107	5.079	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35550	4.589	ug/L	98
71) Naphthalene	14.084	128	48078	4.365	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	31447	4.531	ug/L	95

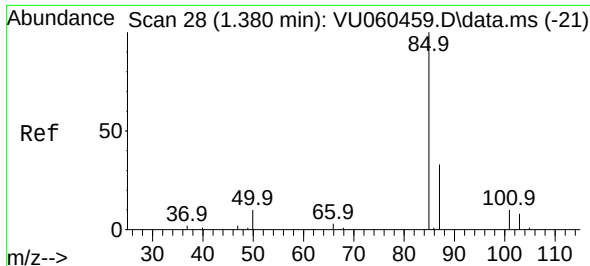
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 20 Aug 2024 12:13
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 21 02:27:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 16 04:55:30 2024
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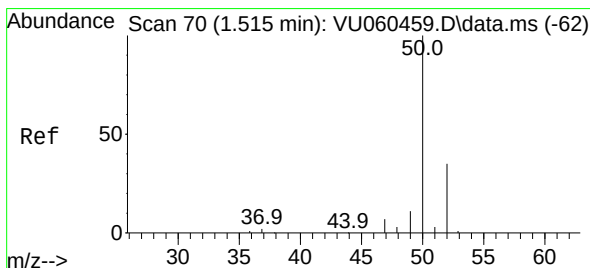
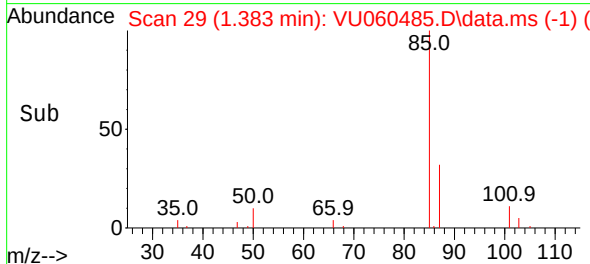
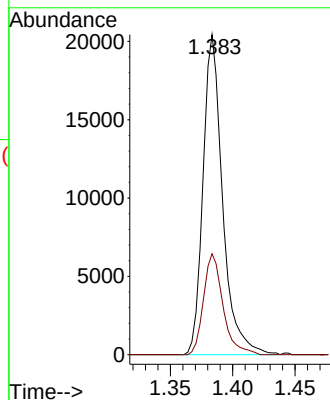
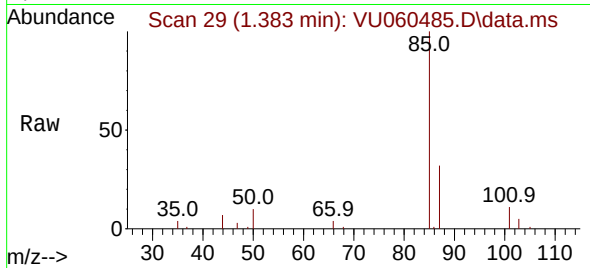




#2
 Dichlorodifluoromethane
 Concen: 5.612 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU060485.D
 Acq: 20 Aug 2024 12:13

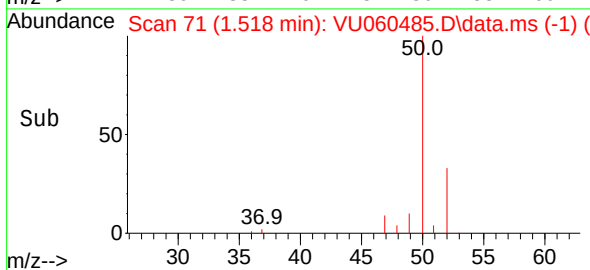
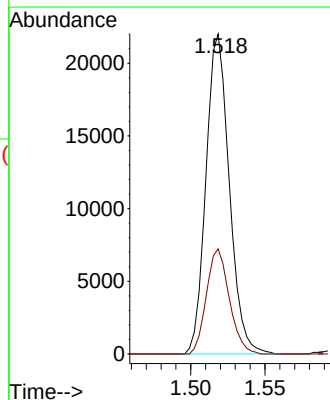
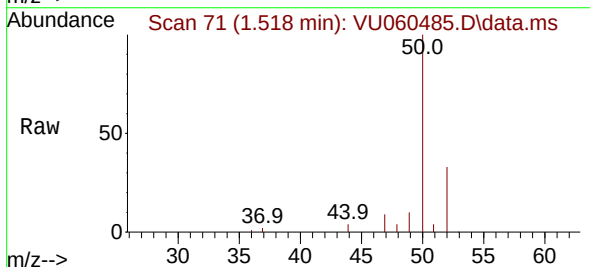
Instrument :
 MSVOA_U
 ClientSampleId :

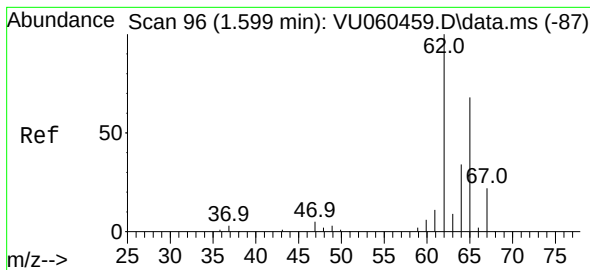
Tgt Ion: 85 Resp: 22353
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.7 38.5



#3
 Chloromethane
 Concen: 4.844 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060485.D
 Acq: 20 Aug 2024 12:13

Tgt Ion: 50 Resp: 23996
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4





#5

Vinyl chloride

Concen: 4.761 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

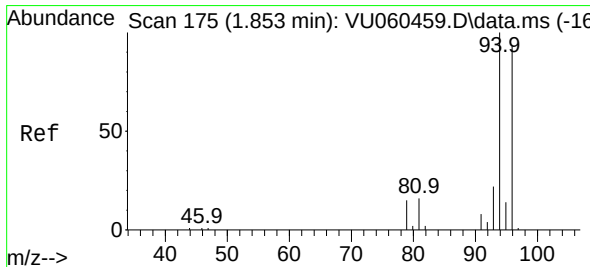
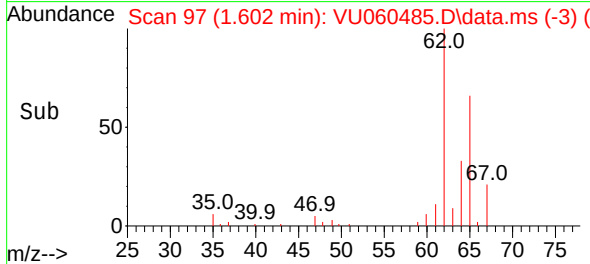
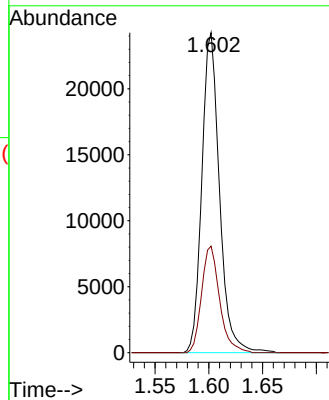
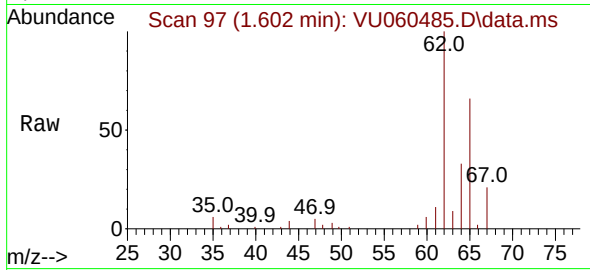
ClientSampleId :

Tgt Ion: 62 Resp: 27618

Ion Ratio Lower Upper

62 100

64 33.3 24.1 44.7



#6

Bromomethane

Concen: 4.895 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU060485.D

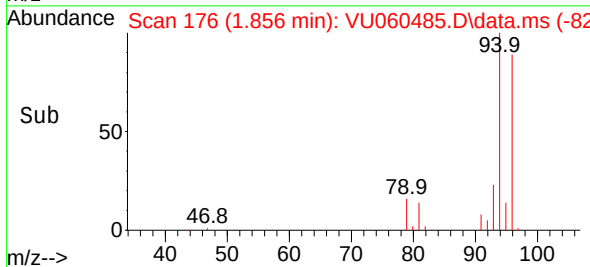
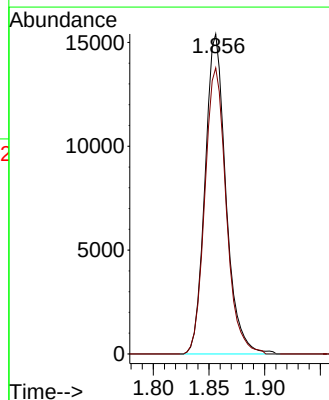
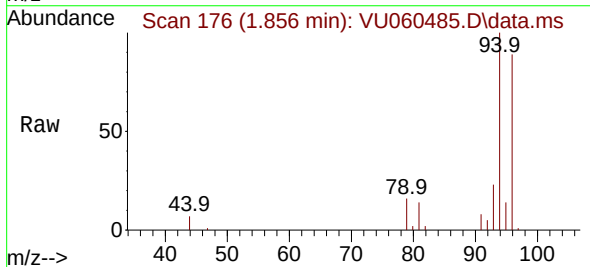
Acq: 20 Aug 2024 12:13

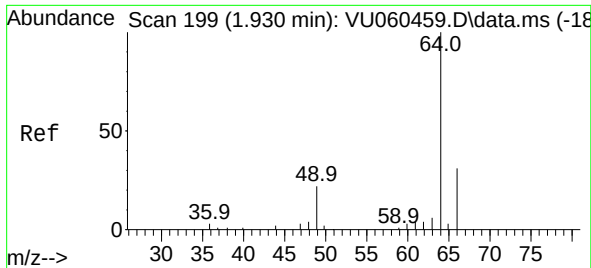
Tgt Ion: 94 Resp: 20108

Ion Ratio Lower Upper

94 100

96 89.4 63.2 117.4

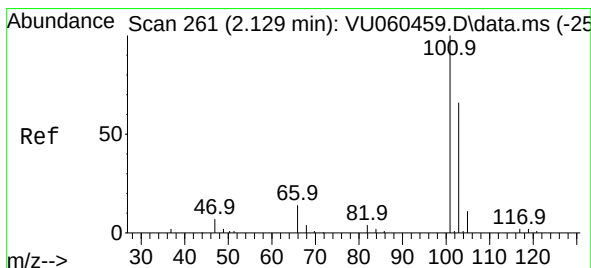
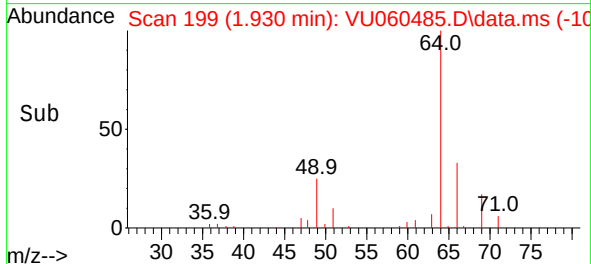
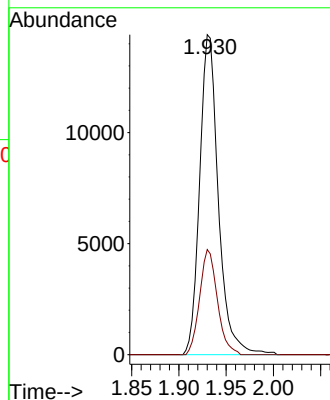
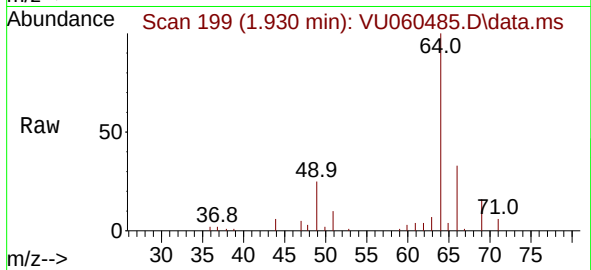




#8
Chloroethane
Concen: 5.038 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

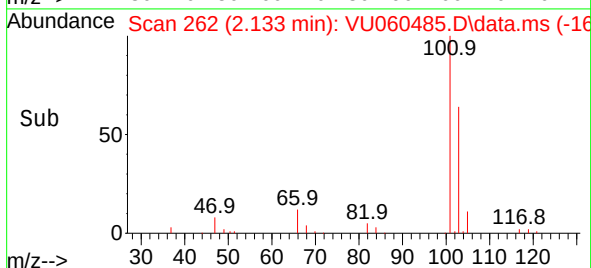
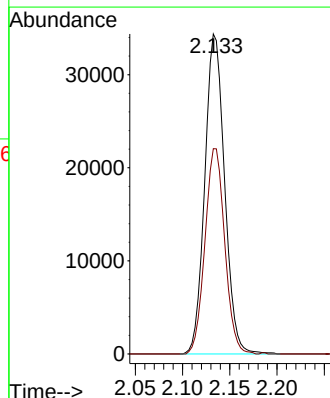
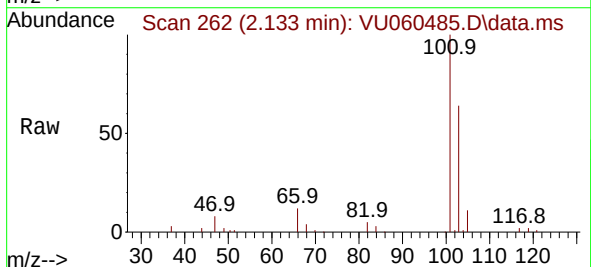
Instrument :
MSVOA_U
ClientSampleId :

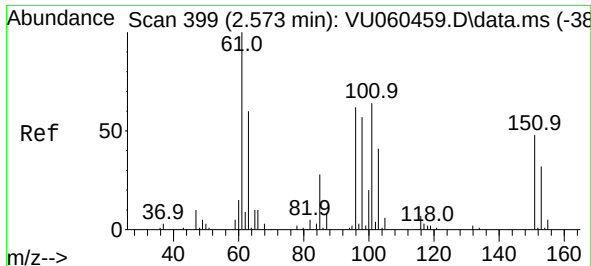
Tgt Ion: 64 Resp: 19819
Ion Ratio Lower Upper
64 100
66 32.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 6.167 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion:101 Resp: 50151
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5





#10

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

Concen: 5.616 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060485.D

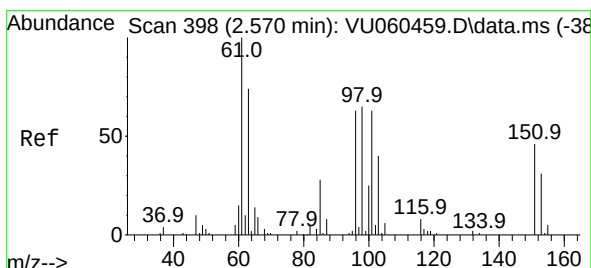
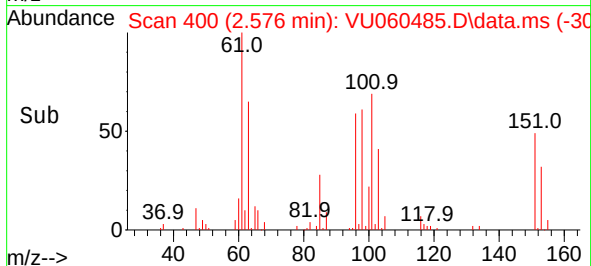
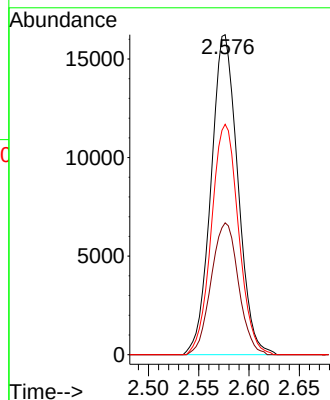
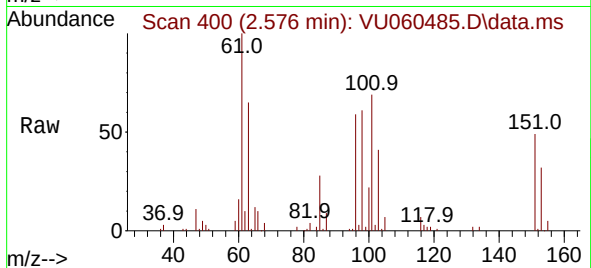
Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	30094
Ion Ratio	Lower	Upper
101	100	
85	41.9	33.5 50.3
151	73.0	59.7 89.5



#12

1,1-Dichloroethene

Concen: 5.009 ug/L

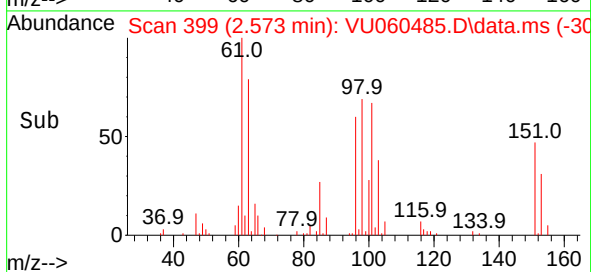
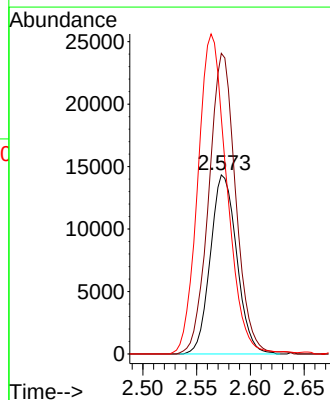
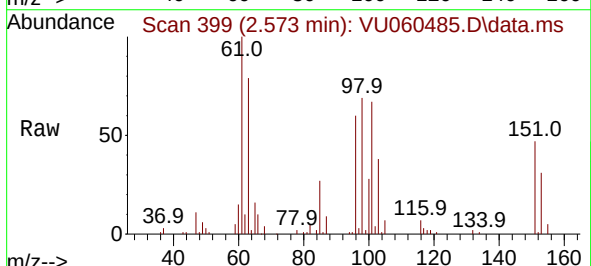
RT: 2.573 min Scan# 399

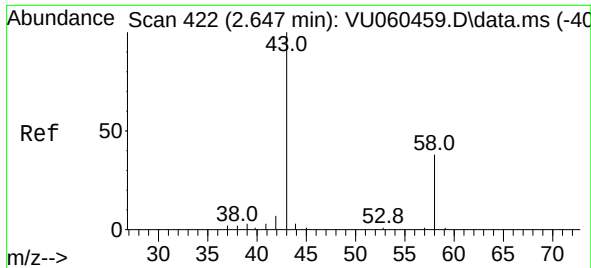
Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Tgt Ion: 96	Resp:	24384
Ion Ratio	Lower	Upper
96	100	
61	167.9	114.4 212.4
63	131.8	96.0 178.4





#13

Acetone

Concen: 69.434 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

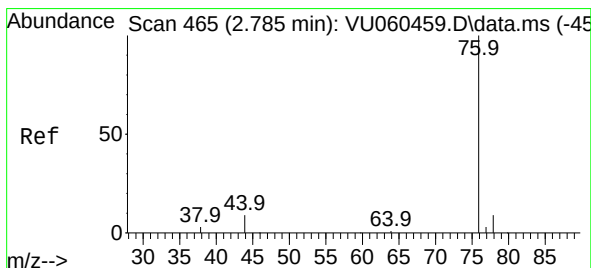
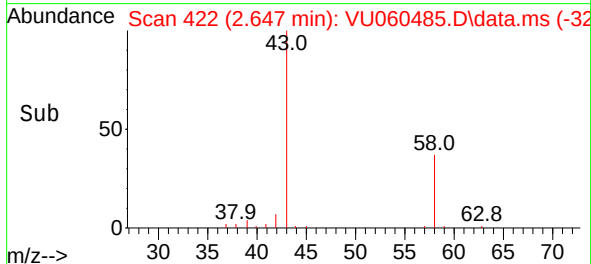
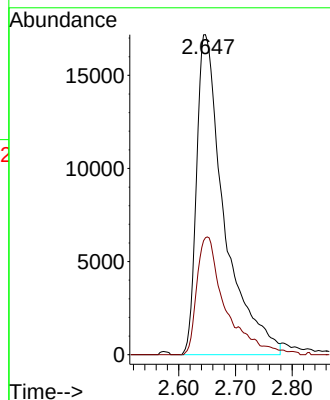
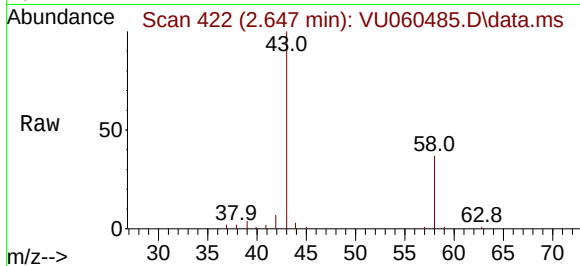
ClientSampleId :

Tgt Ion: 43 Resp: 58319

Ion Ratio Lower Upper

43 100

58 37.8 0.0 78.8



#14

Carbon disulfide

Concen: 4.285 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060485.D

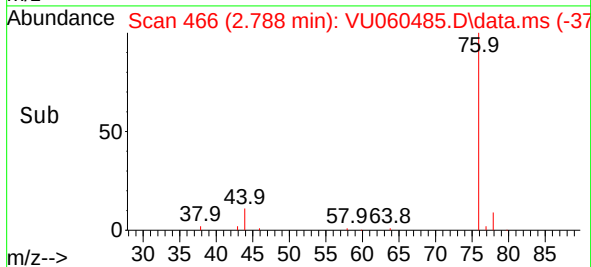
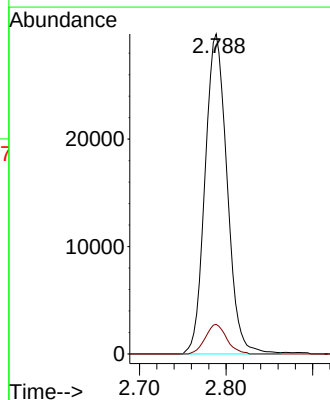
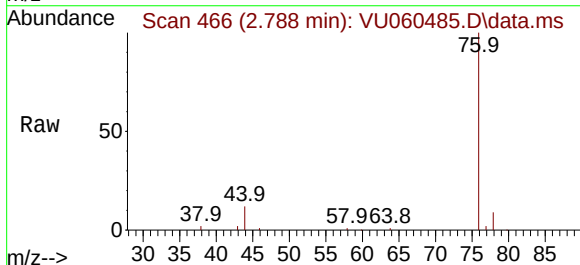
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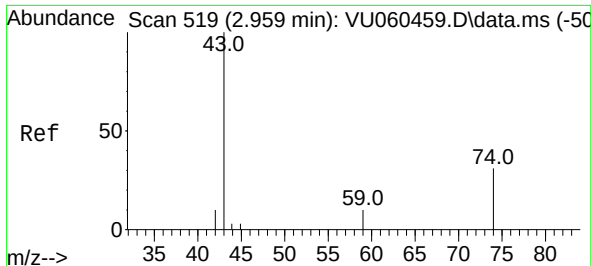
Tgt Ion: 76 Resp: 52628

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.866 ug/L

RT: 2.956 min Scan# 519

Delta R.T. -0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

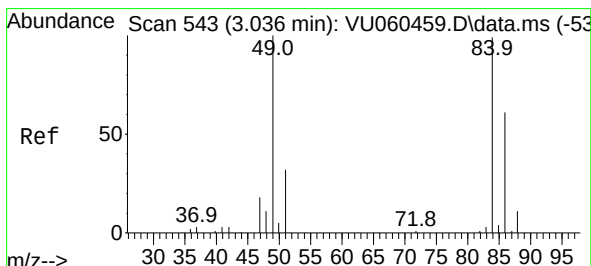
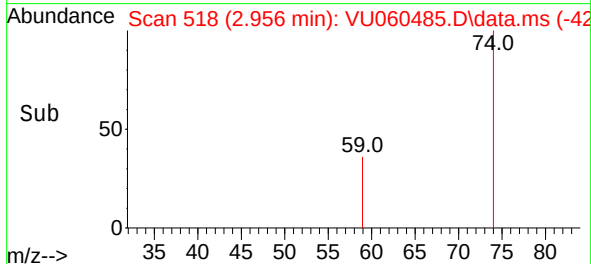
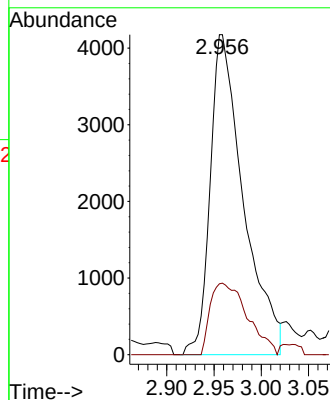
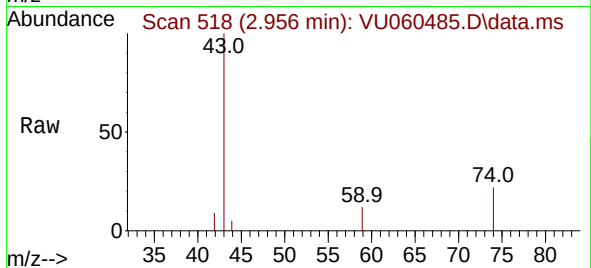
ClientSampleId :

Tgt Ion: 43 Resp: 10209

Ion Ratio Lower Upper

43 100

74 25.0 21.3 31.9



#16

Methylene chloride

Concen: 4.552 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

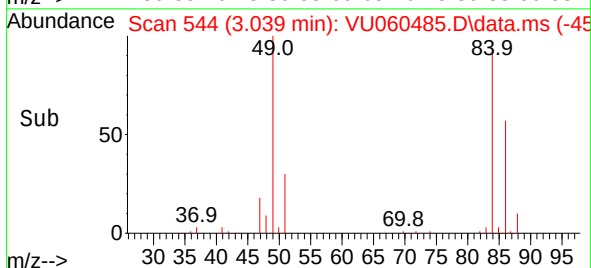
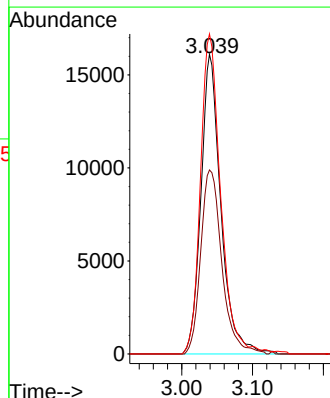
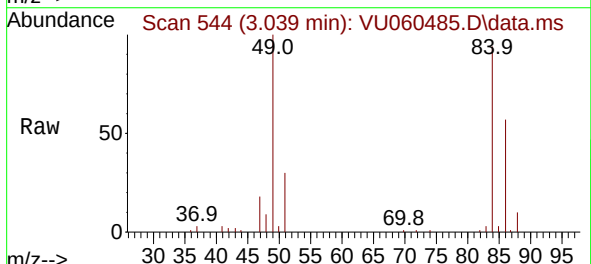
Tgt Ion: 84 Resp: 31501

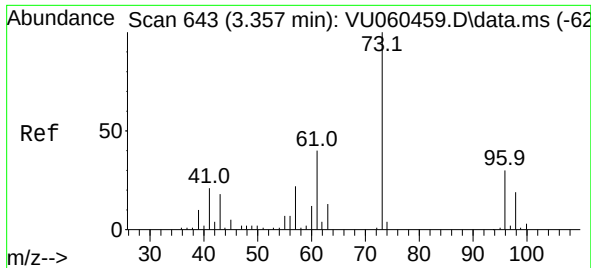
Ion Ratio Lower Upper

84 100

86 61.4 47.1 87.5

49 106.8 73.9 137.3

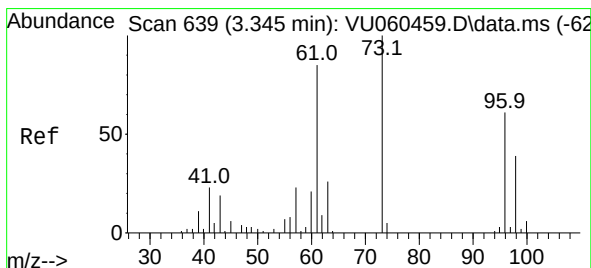
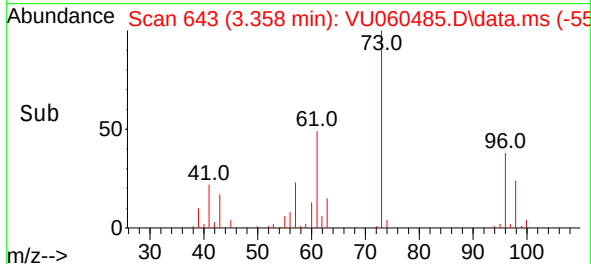
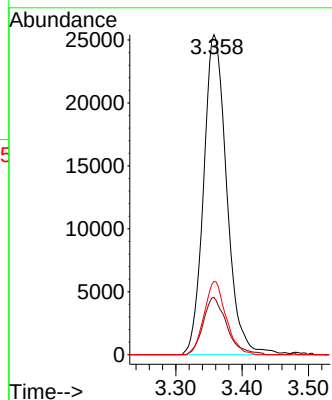
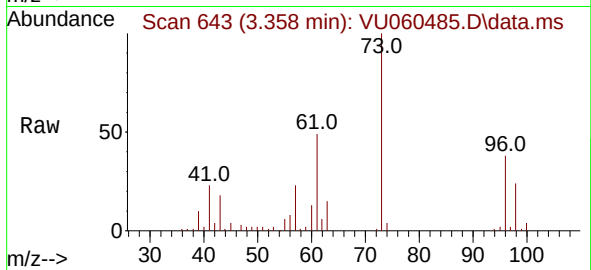




#17
Methyl tert-butyl Ether
Concen: 5.365 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

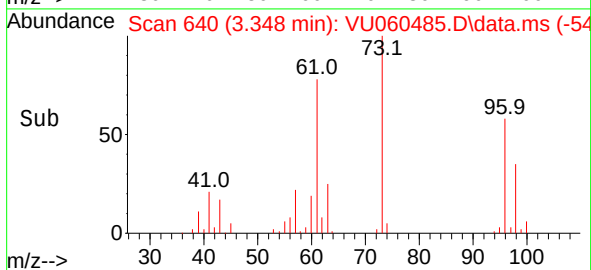
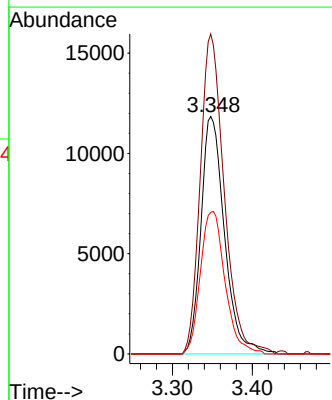
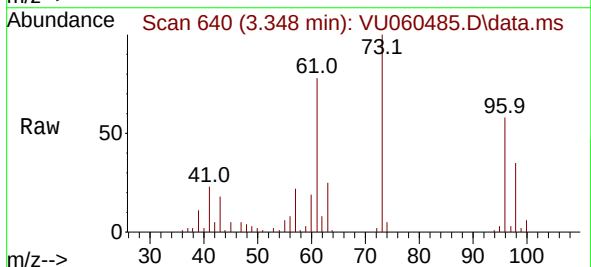
Instrument :
MSVOA_U
ClientSampleId :

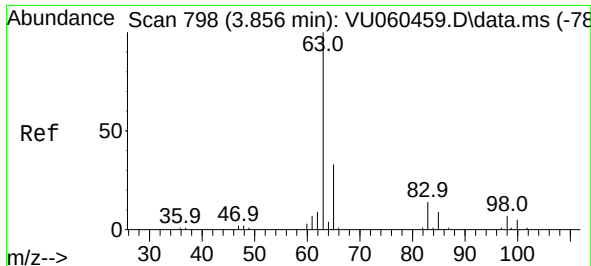
Tgt Ion: 73 Resp: 61581
Ion Ratio Lower Upper
73 100
43 18.3 12.8 19.2
57 21.8 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.077 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 96 Resp: 24247
Ion Ratio Lower Upper
96 100
61 134.7 93.7 174.1
98 59.6 44.7 82.9

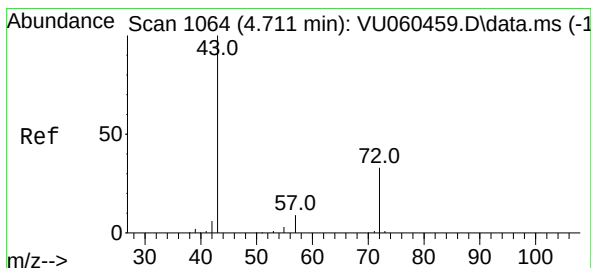
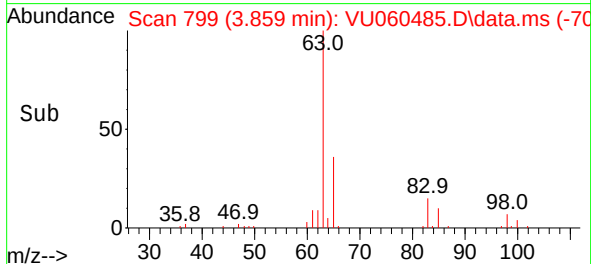
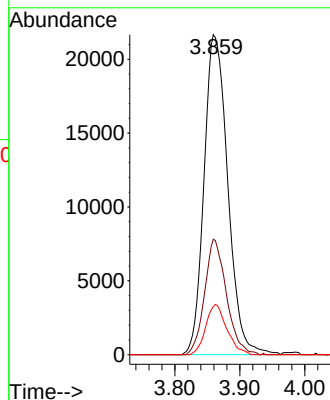
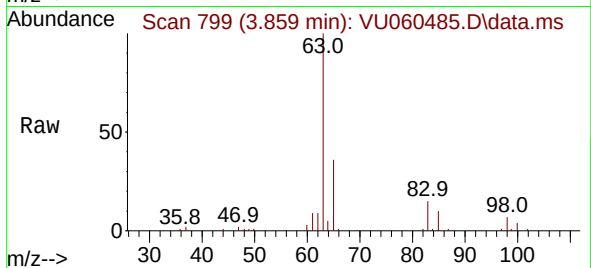




#19
1,1-Dichloroethane
Concen: 5.595 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

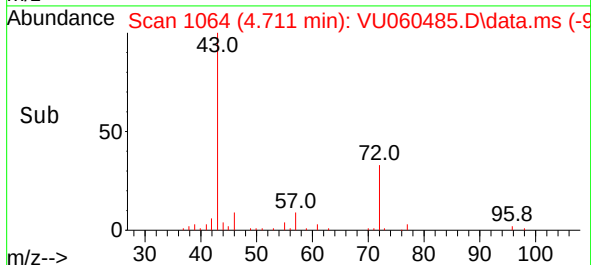
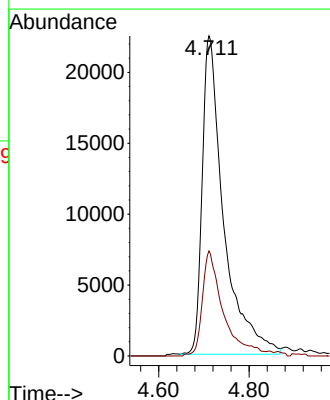
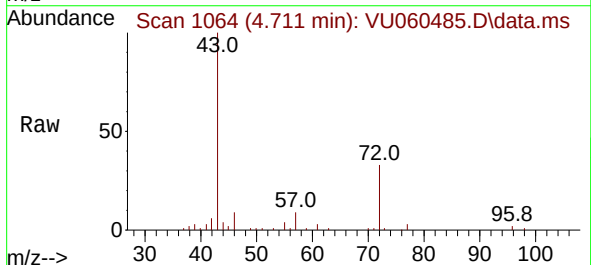
Instrument :
MSVOA_U
ClientSampleId :

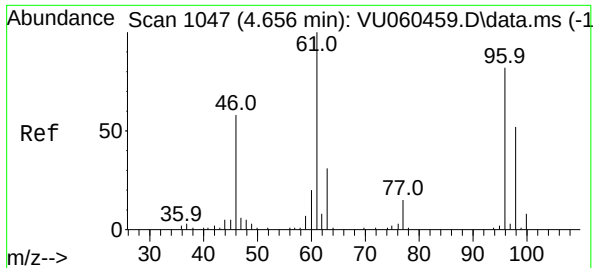
Tgt Ion: 63 Resp: 55168
Ion Ratio Lower Upper
63 100
65 36.1 22.2 41.2
83 15.1 9.1 16.9



#21
2-Butanone
Concen: 59.105 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 43 Resp: 73992
Ion Ratio Lower Upper
43 100
72 31.8 15.9 47.6

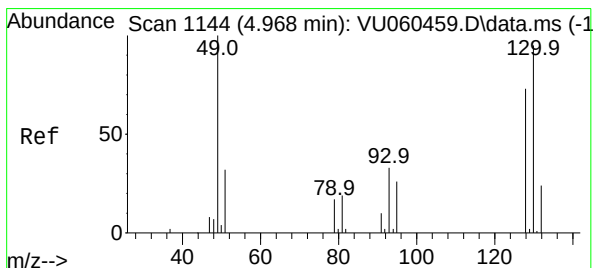
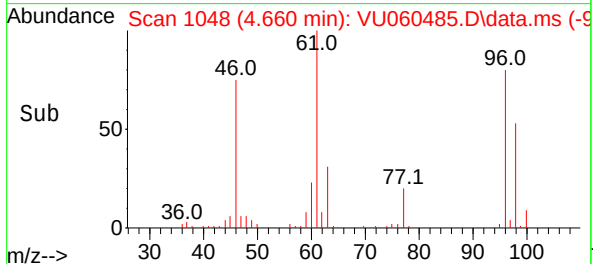
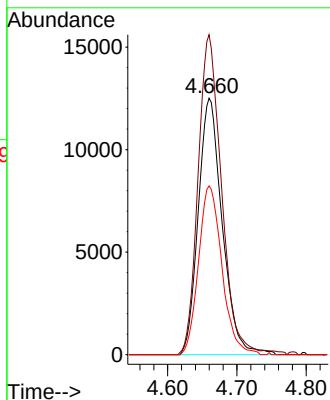
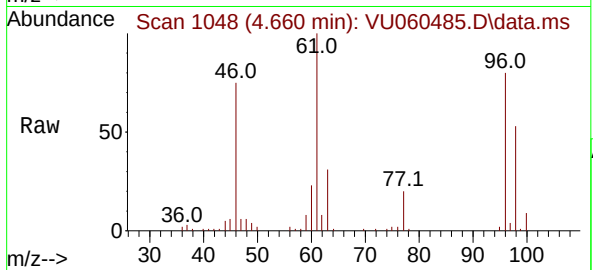




#22
 cis-1,2-Dichloroethene
 Concen: 5.219 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU060485.D
 Acq: 20 Aug 2024 12:13

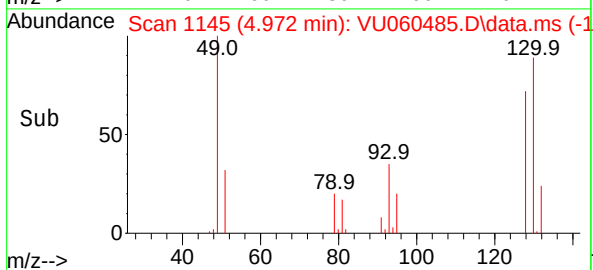
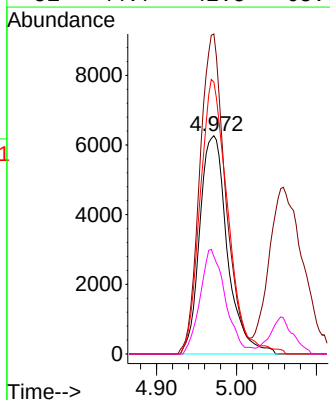
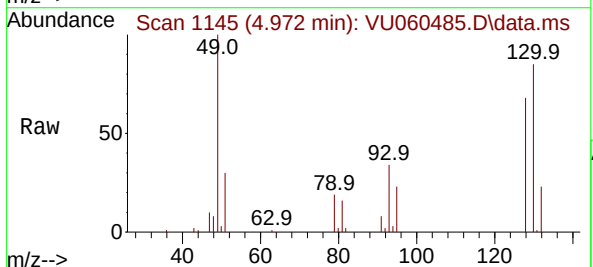
Instrument :
 MSVOA_U
 ClientSampleId :

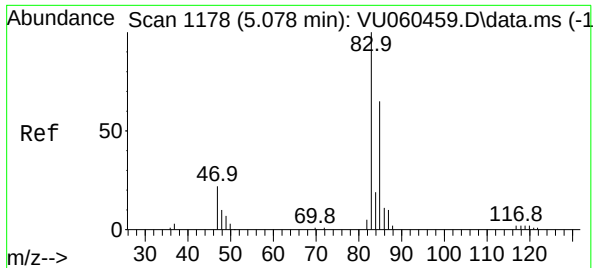
Tgt Ion: 96	Resp:	30088
Ion Ratio	Lower	Upper
96	100	
61	124.7	81.5 151.5
98	65.8	43.5 80.7



#23
 Bromochloromethane
 Concen: 5.638 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060485.D
 Acq: 20 Aug 2024 12:13

Tgt Ion: 128	Resp:	15003
Ion Ratio	Lower	Upper
128	100	
49	146.6	101.0 187.6
130	124.6	92.7 172.1
51	44.7	42.5 63.7





#25

Chloroform

Concen: 5.697 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

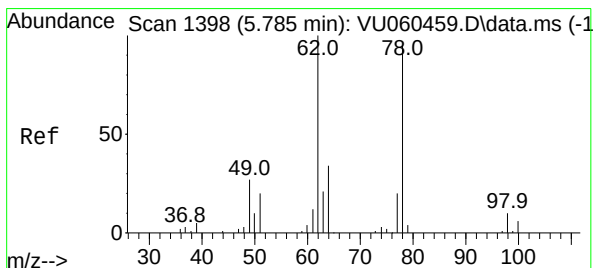
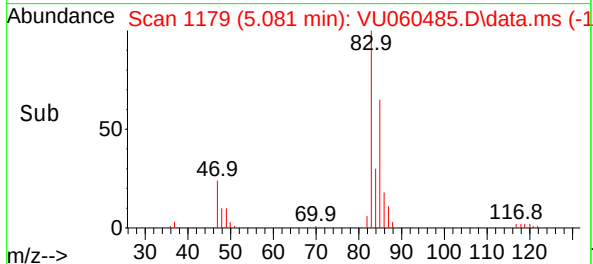
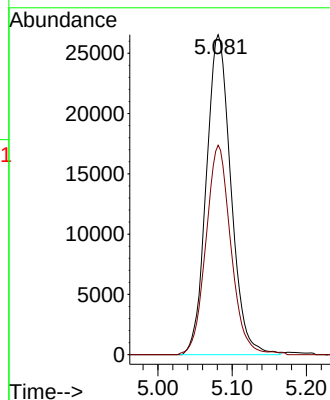
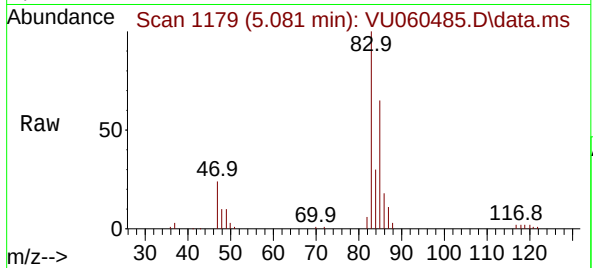
ClientSampleId :

Tgt Ion: 83 Resp: 61109

Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 6.055 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060485.D

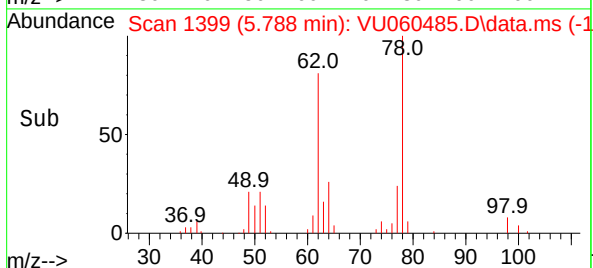
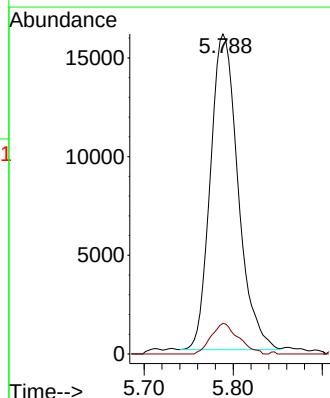
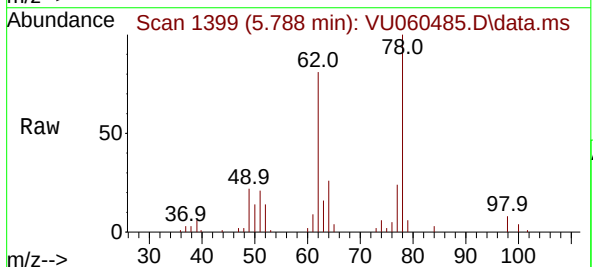
Acq: 20 Aug 2024 12:13

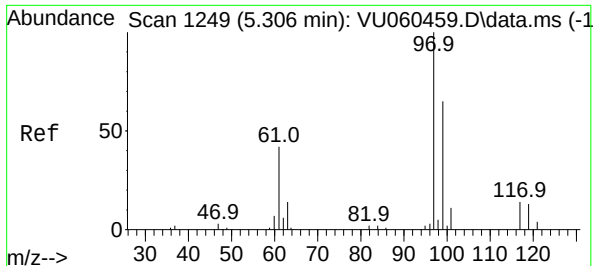
Tgt Ion: 62 Resp: 34543

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.6

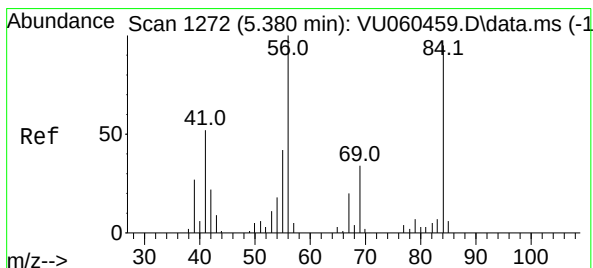
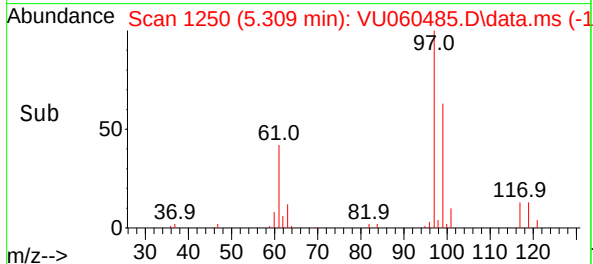
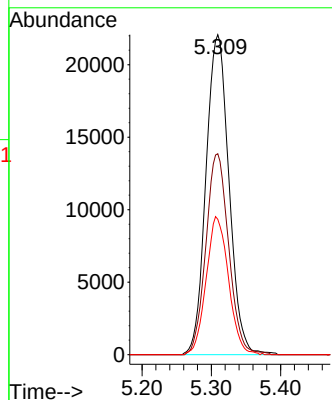
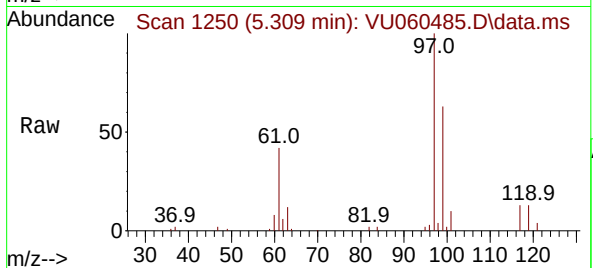




#29
1,1,1-Trichloroethane
Concen: 5.935 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

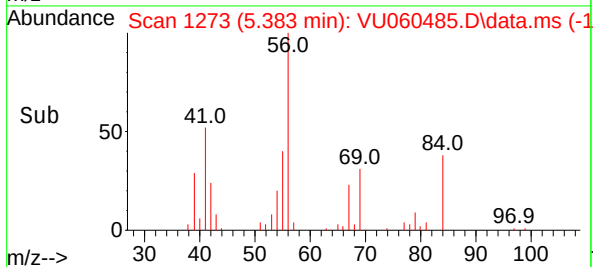
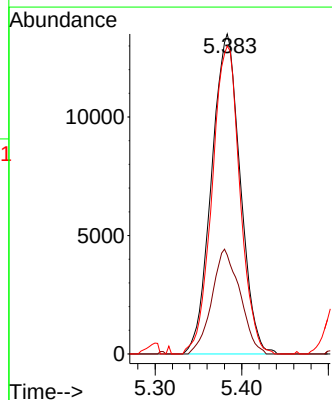
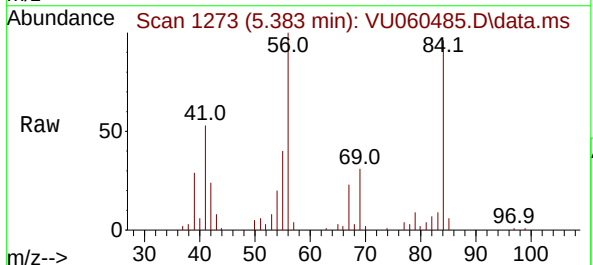
Instrument :
MSVOA_U
ClientSampleId :

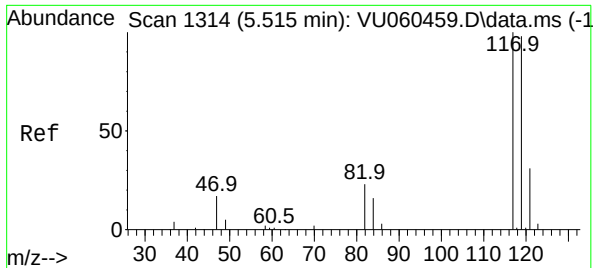
Tgt Ion: 97 Resp: 50870
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.2
61 42.0 33.0 49.6



#30
Cyclohexane
Concen: 4.475 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 56 Resp: 31050
Ion Ratio Lower Upper
56 100
69 32.1 24.7 37.1
84 93.3 70.7 106.1

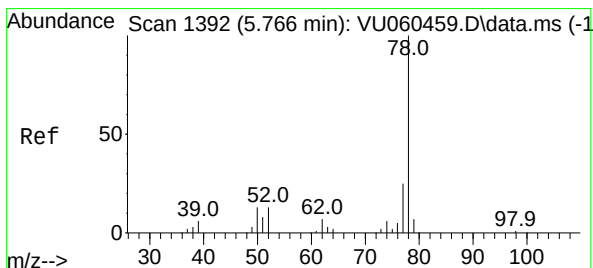
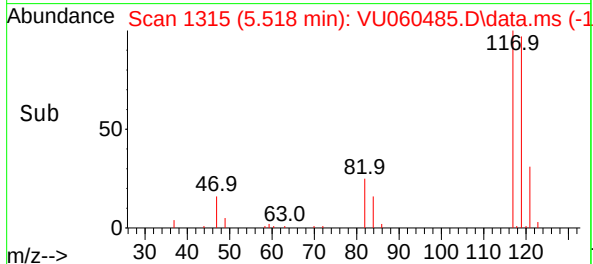
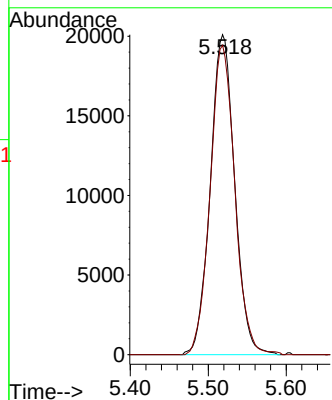
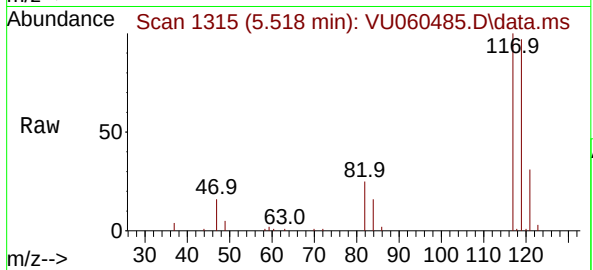




#31
Carbon tetrachloride
Concen: 5.822 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

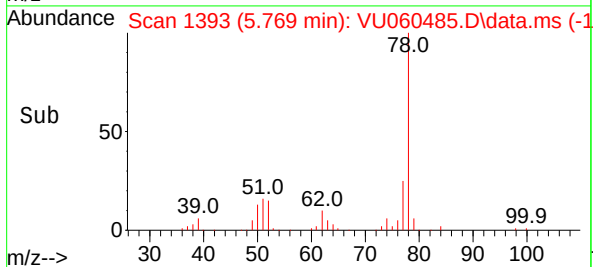
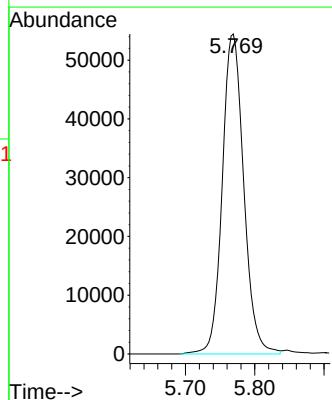
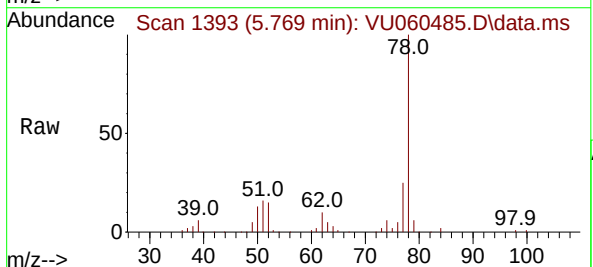
Instrument :
MSVOA_U
ClientSampleId :

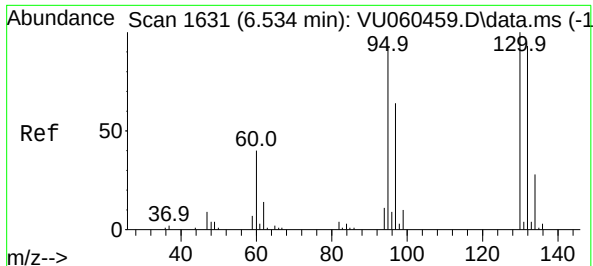
Tgt Ion:117 Resp: 43736
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8



#33
Benzene
Concen: 5.207 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

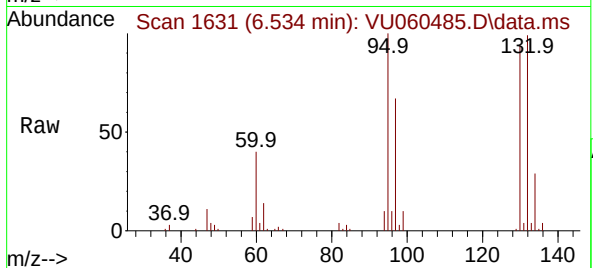
Tgt Ion: 78 Resp: 117373



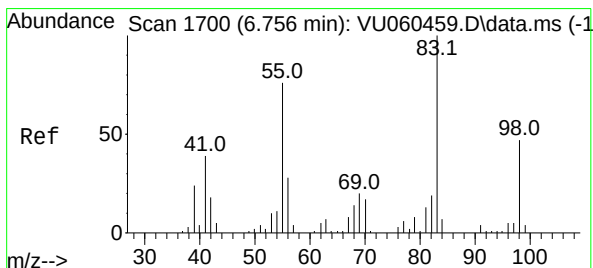
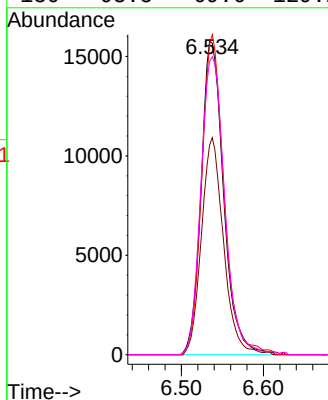
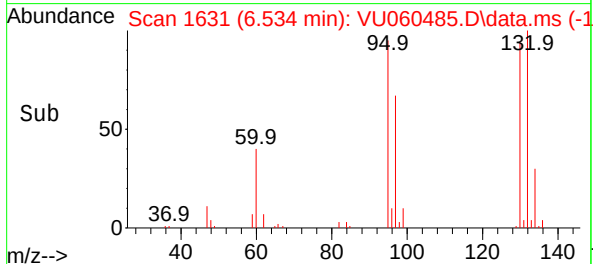


#34
Trichloroethene
Concen: 5.087 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

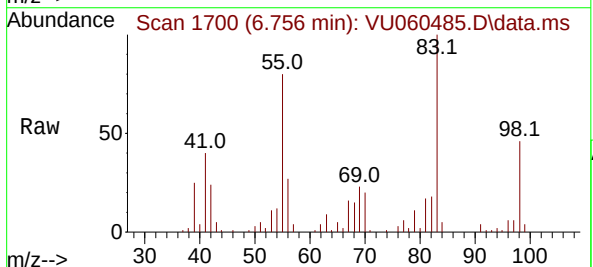
Instrument :
MSVOA_U
ClientSampleId :



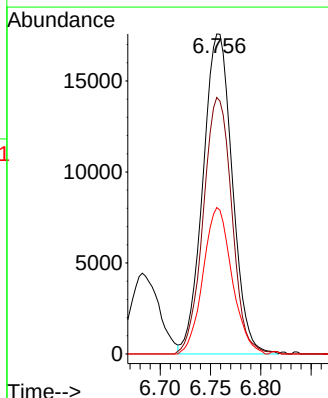
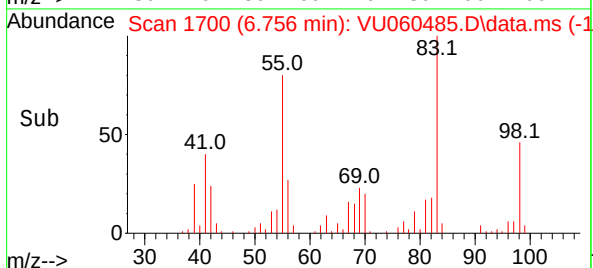
Tgt Ion: 95 Resp: 30020
Ion Ratio Lower Upper
95 100
97 66.9 43.6 81.0
132 99.1 67.1 124.5
130 93.5 69.6 129.2

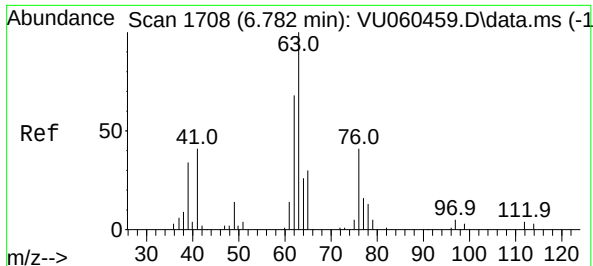


#35
Methylcyclohexane
Concen: 4.641 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13



Tgt Ion: 83 Resp: 35763
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 44.9 37.3 55.9

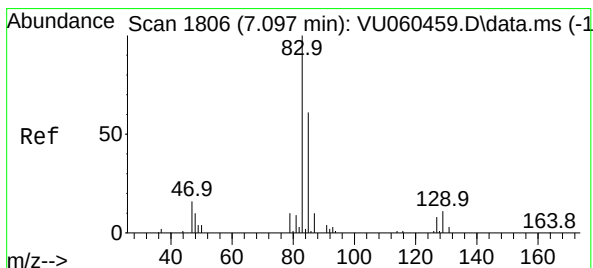
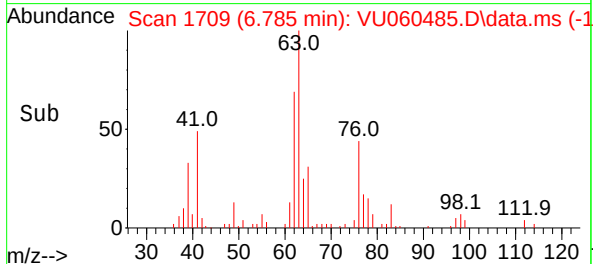
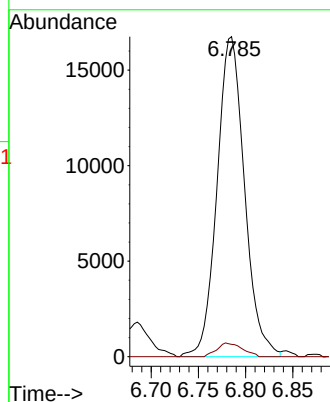
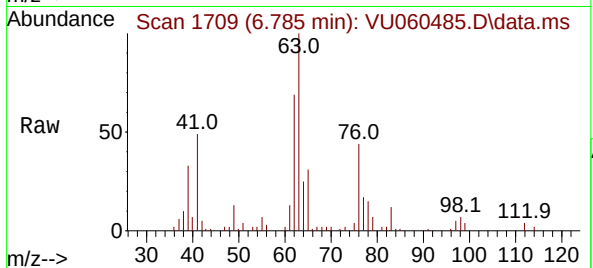




#37
1,2-Dichloropropane
Concen: 5.525 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

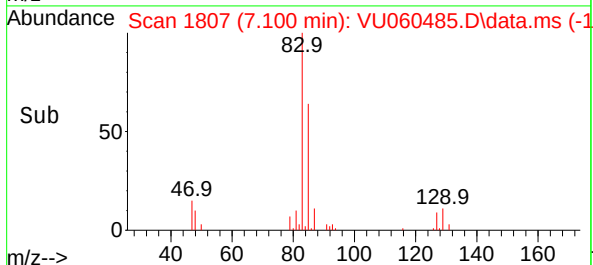
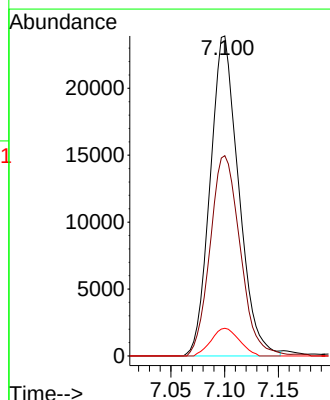
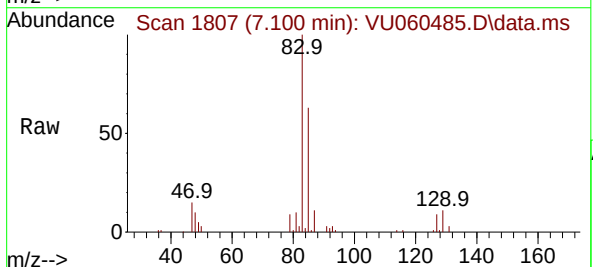
Instrument :
MSVOA_U
ClientSampleId :

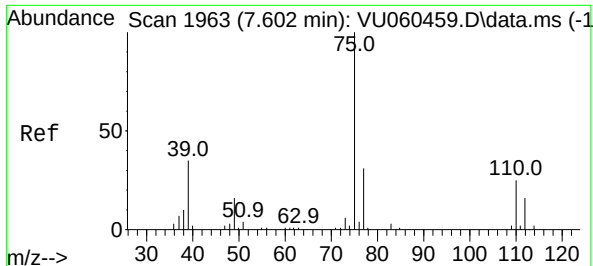
Tgt Ion: 63 Resp: 33896
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 5.802 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 83 Resp: 43999
Ion Ratio Lower Upper
83 100
85 62.6 42.4 78.8
127 8.7 7.0 10.4

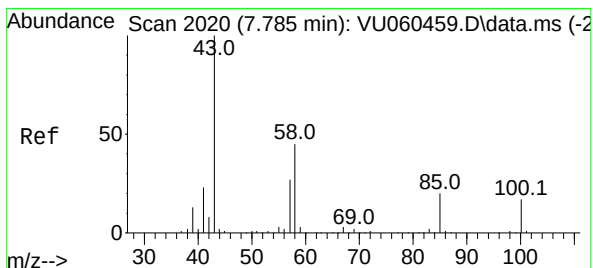
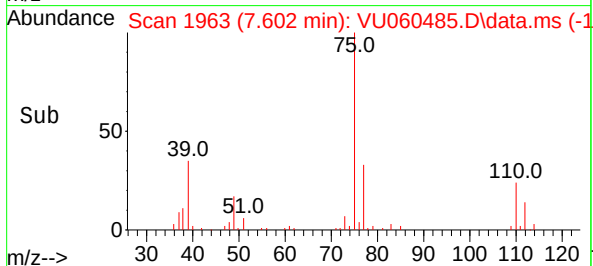
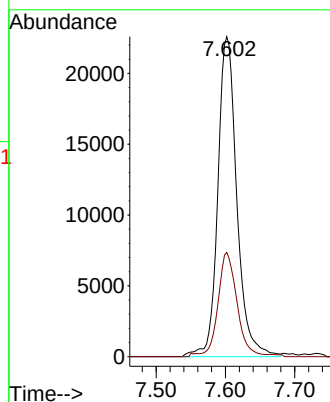
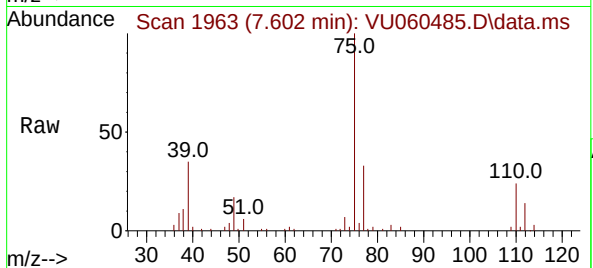




#39
cis-1,3-Dichloropropene
Concen: 5.187 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

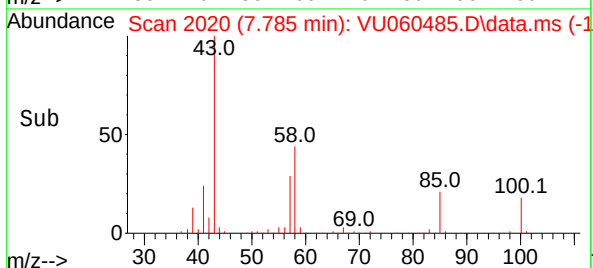
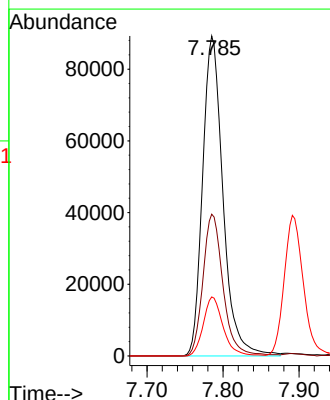
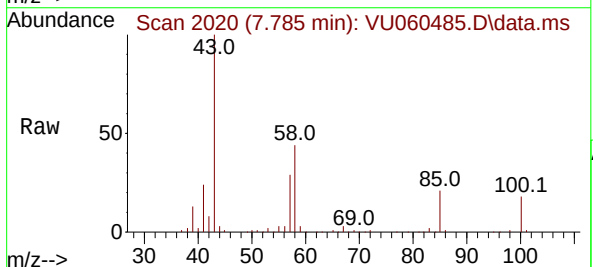
Instrument :
MSVOA_U
ClientSampleId :

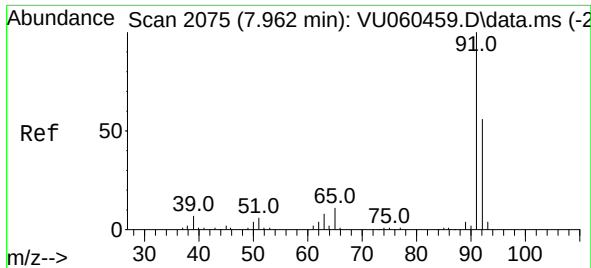
Tgt Ion: 75 Resp: 43230
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 58.131 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 43 Resp: 166486
Ion Ratio Lower Upper
43 100
58 43.7 36.6 55.0
100 17.9 14.1 21.1





#42

Toluene

Concen: 5.468 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

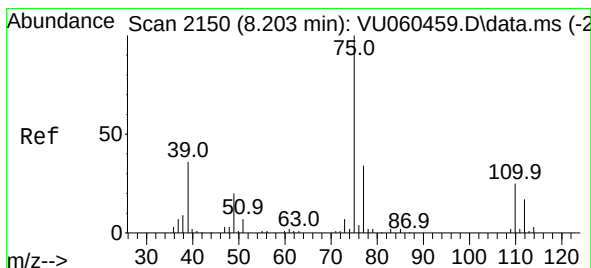
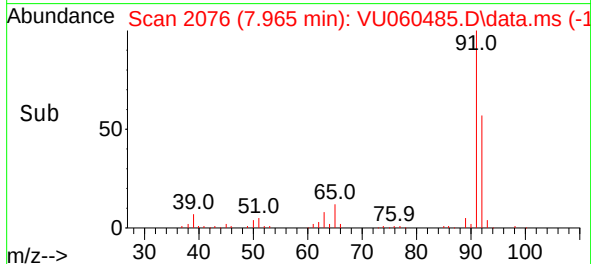
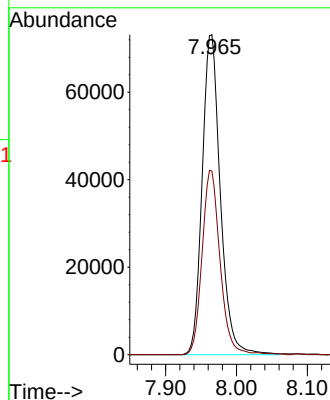
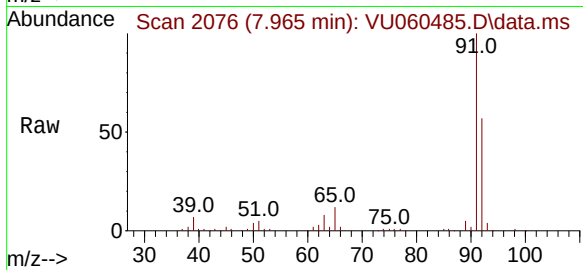
ClientSampleId :

Tgt Ion: 91 Resp: 130261

Ion Ratio Lower Upper

91 100

92 57.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.667 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060485.D

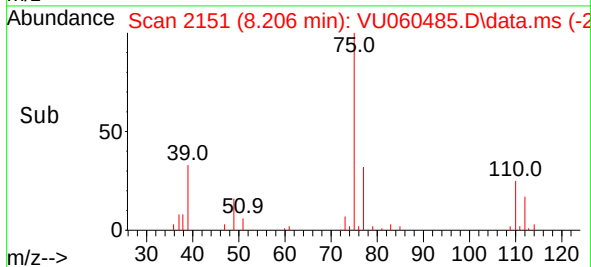
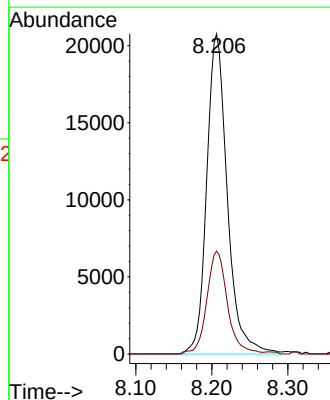
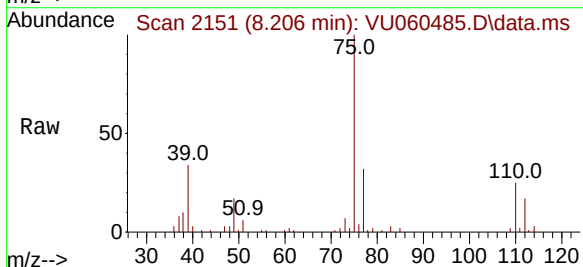
Acq: 20 Aug 2024 12:13

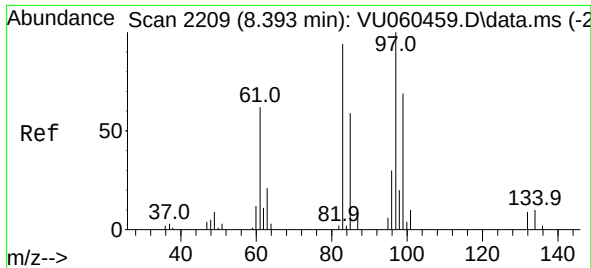
Tgt Ion: 75 Resp: 39017

Ion Ratio Lower Upper

75 100

77 32.2 25.0 46.4

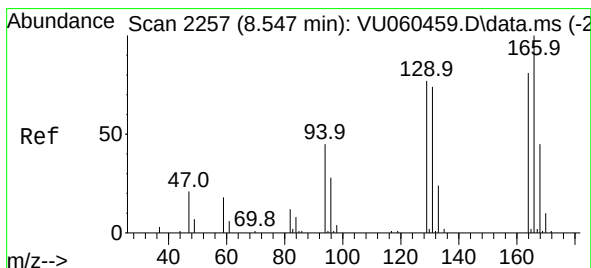
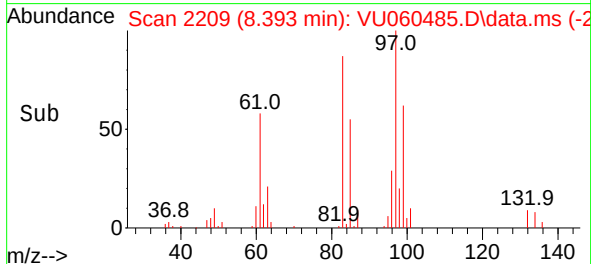
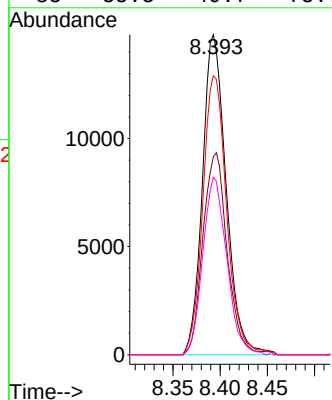
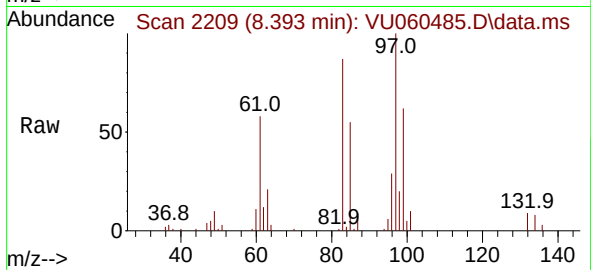




#45
1,1,2-Trichloroethane
Concen: 5.497 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

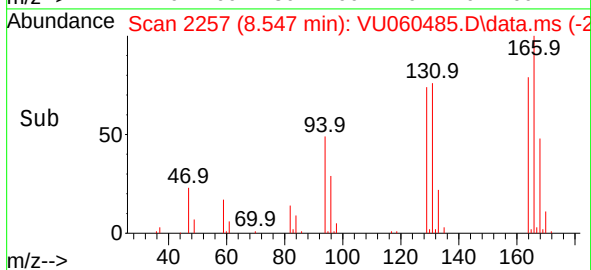
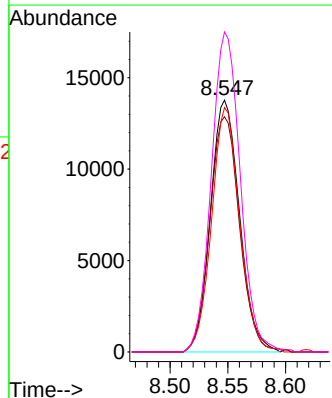
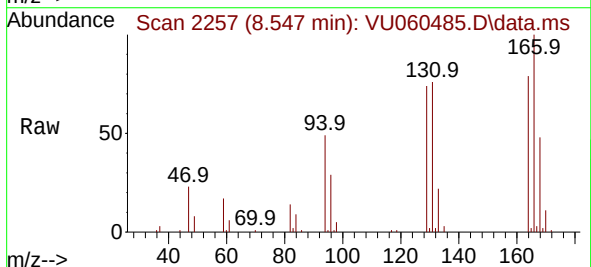
Instrument :
MSVOA_U
ClientSampleId :

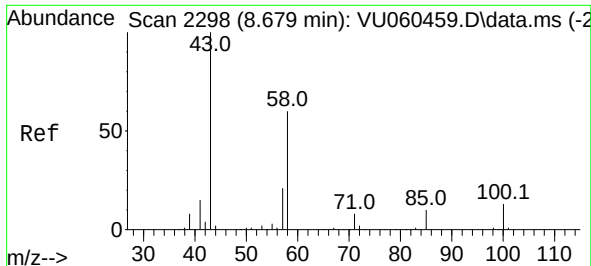
Tgt Ion:	97	Resp:	25828
Ion	Ratio	Lower	Upper
97	100		
99	61.8	45.8	85.0
83	87.1	61.7	114.5
85	55.5	40.7	75.7



#47
Tetrachloroethene
Concen: 5.228 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion:	164	Resp:	24133
Ion	Ratio	Lower	Upper
164	100		
129	93.4	69.0	128.1
131	97.0	62.6	116.3
166	127.0	89.2	165.8

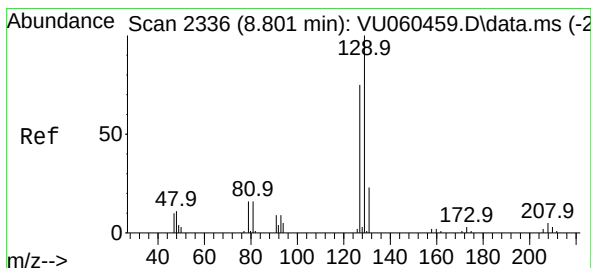
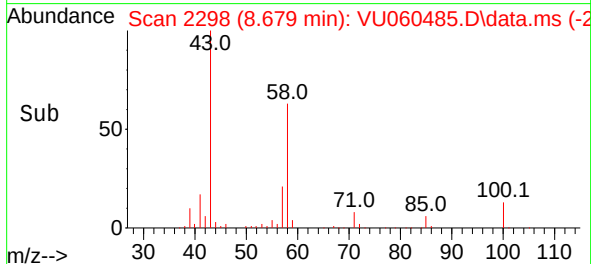
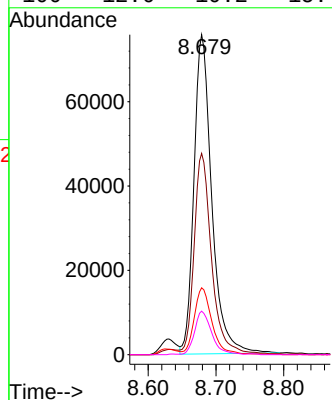
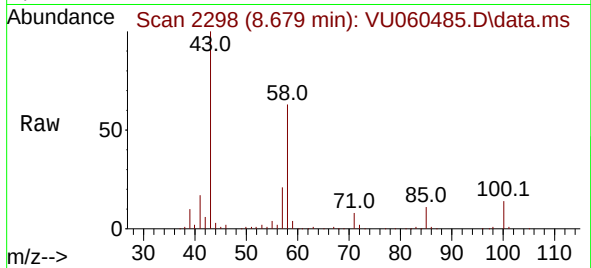




#48
2-Hexanone
Concen: 63.900 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

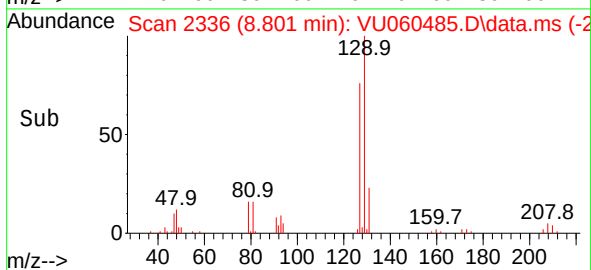
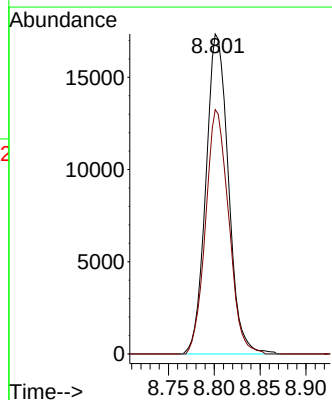
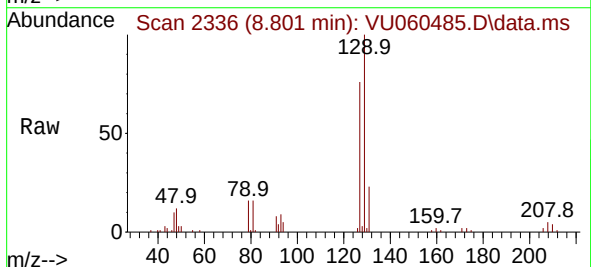
Instrument :
MSVOA_U
ClientSampleId :

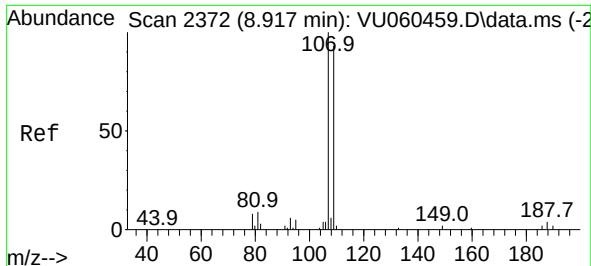
Tgt Ion:	43	Resp:	138736
Ion	Ratio	Lower	Upper
43	100		
58	61.5	50.9	76.3
57	20.1	17.4	26.0
100	12.6	10.2	15.4



#49
Dibromochloromethane
Concen: 5.935 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion:	129	Resp:	29654
Ion	Ratio	Lower	Upper
129	100		
127	76.4	51.9	96.3





#50

1,2-Dibromoethane

Concen: 5.642 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060485.D

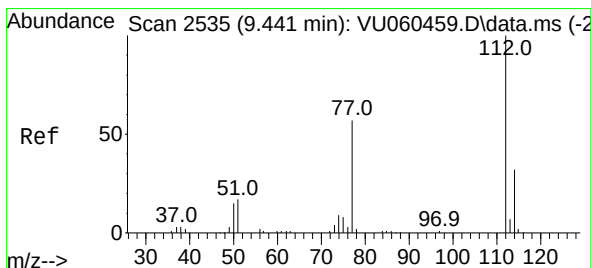
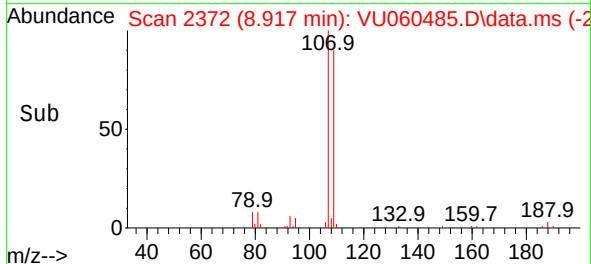
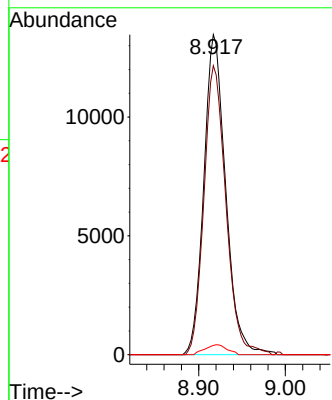
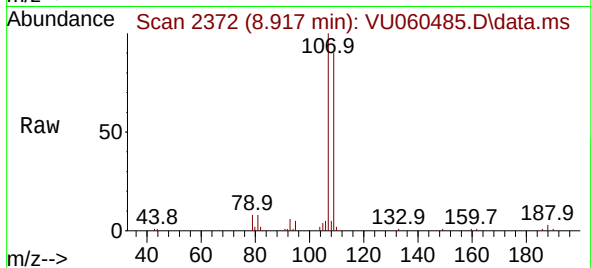
Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	23599
Ion Ratio	Lower	Upper
107	100	
109	90.3	64.8 120.3
188	2.9	2.6 3.8



#51

Chlorobenzene

Concen: 5.336 ug/L

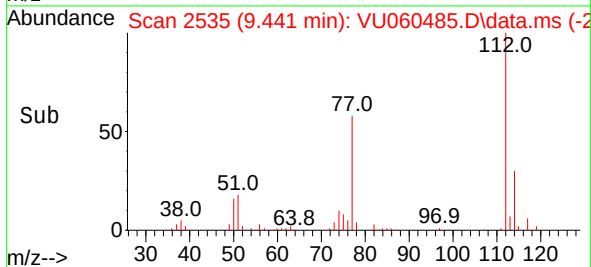
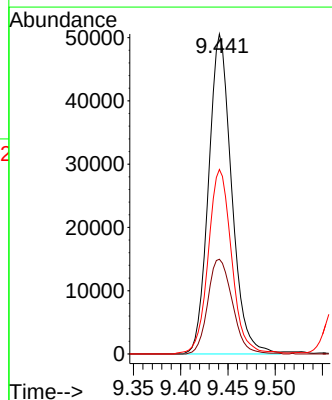
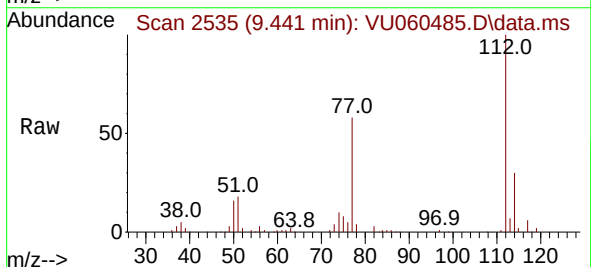
RT: 9.441 min Scan# 2535

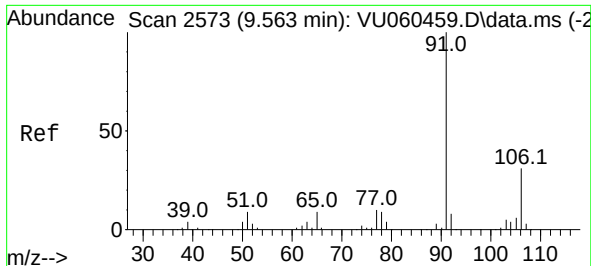
Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Tgt Ion:112	Resp:	85762
Ion Ratio	Lower	Upper
112	100	
114	29.6	21.3 39.5
77	57.6	44.6 67.0





#52

Ethylbenzene

Concen: 5.137 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

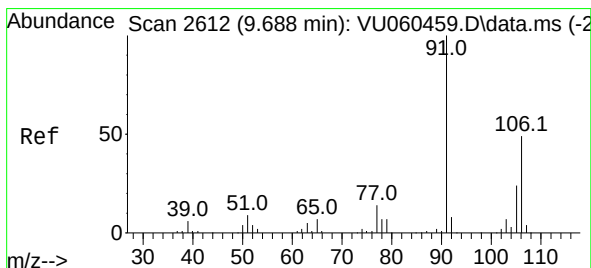
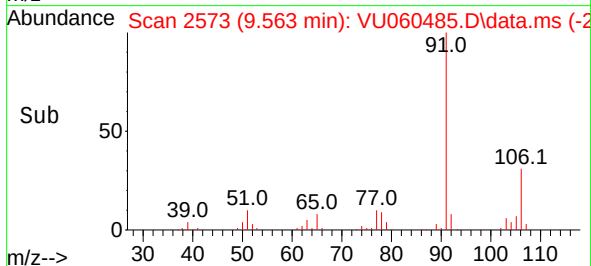
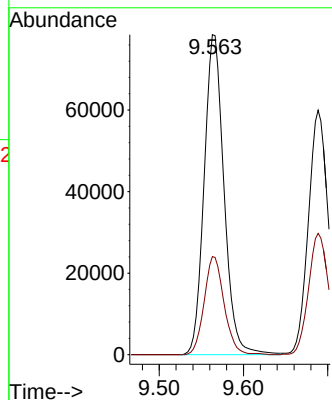
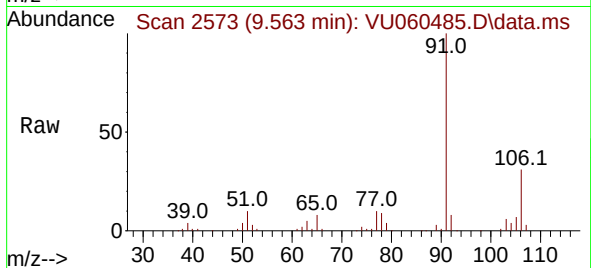
ClientSampleId :

Tgt Ion: 91 Resp: 128930

Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.2



#53

m,p-Xylene

Concen: 5.364 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060485.D

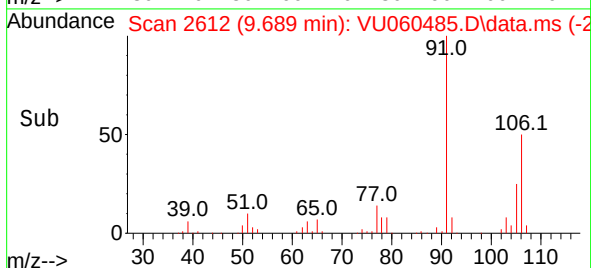
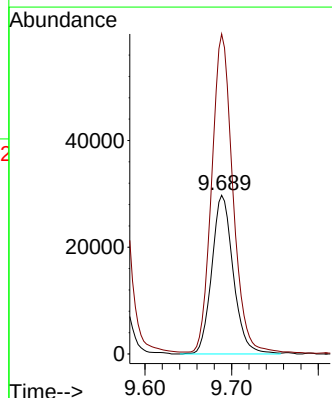
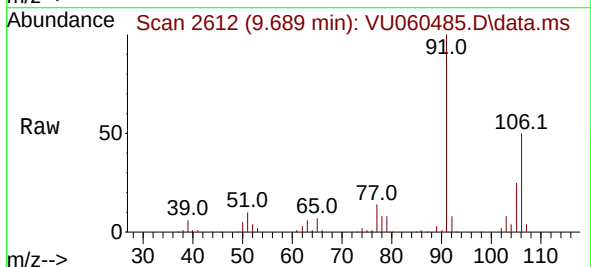
Acq: 20 Aug 2024 12:13

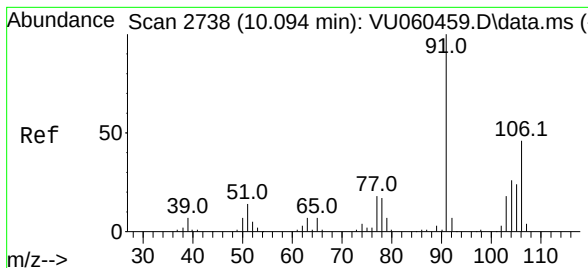
Tgt Ion:106 Resp: 51167

Ion Ratio Lower Upper

106 100

91 201.6 143.2 266.0





#54

o-Xylene

Concen: 5.460 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

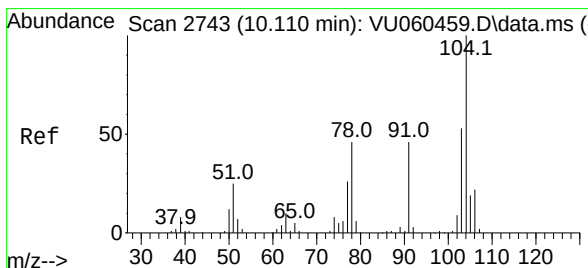
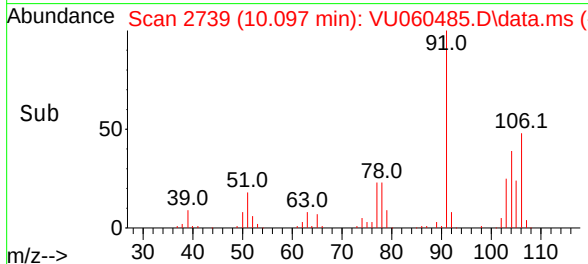
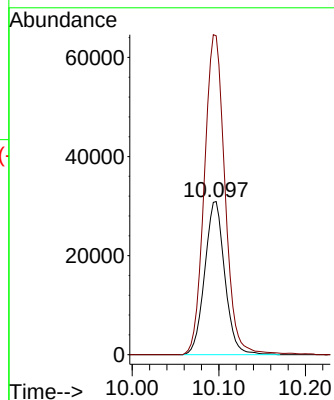
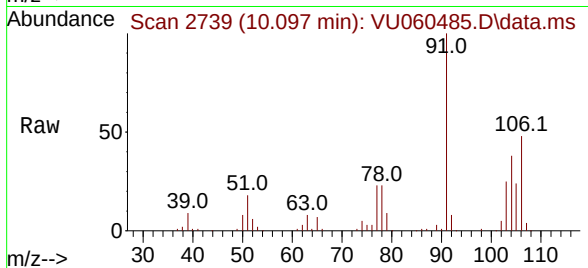
ClientSampleId :

Tgt Ion:106 Resp: 49832

Ion Ratio Lower Upper

106 100

91 208.2 150.2 279.0



#55

Styrene

Concen: 5.567 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU060485.D

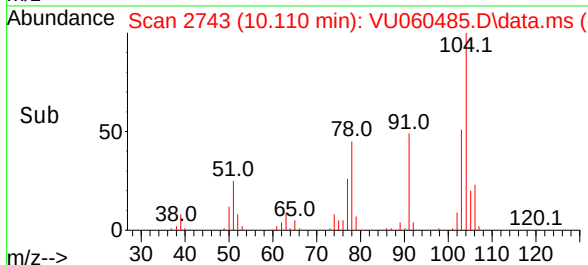
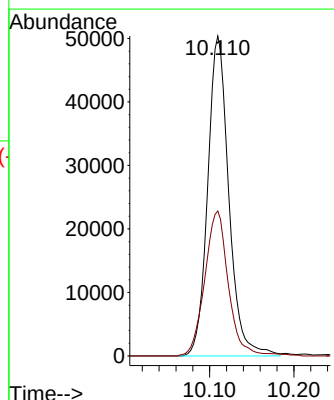
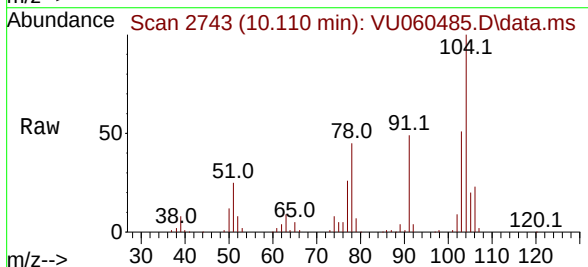
Acq: 20 Aug 2024 12:13

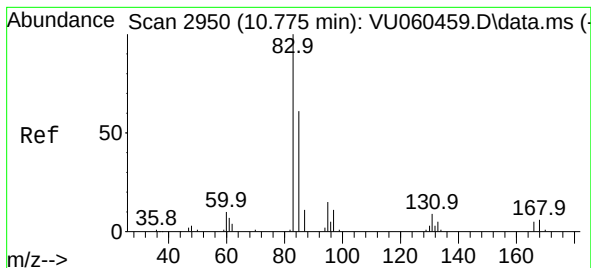
Tgt Ion:104 Resp: 87908

Ion Ratio Lower Upper

104 100

78 45.3 32.1 59.7

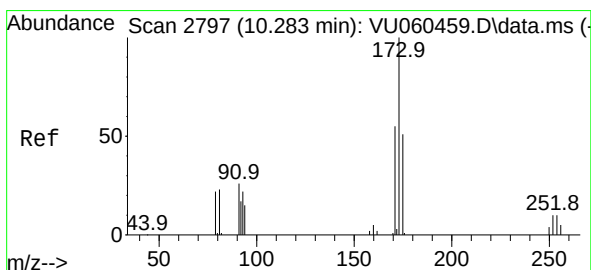
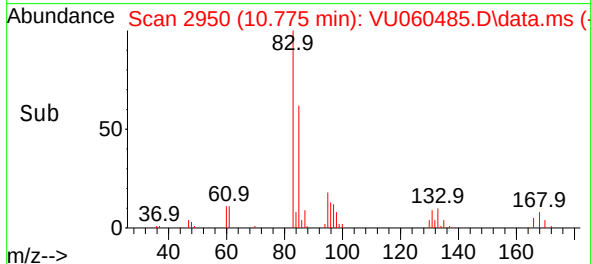
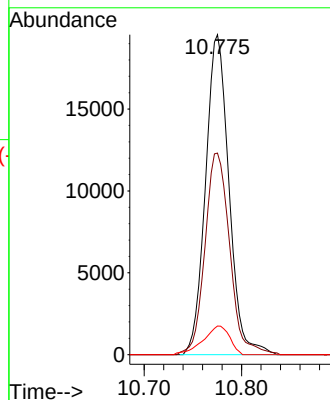
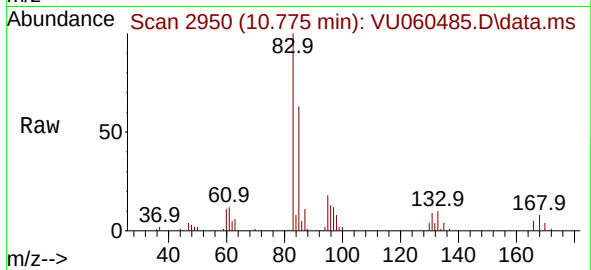




#57
1,1,2,2-Tetrachloroethane
Concen: 5.586 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

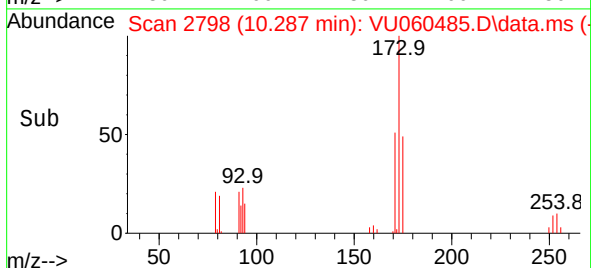
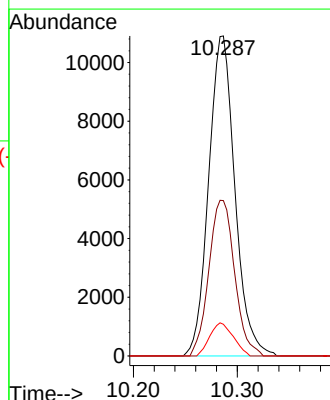
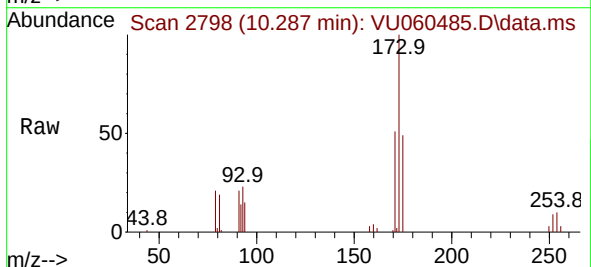
Instrument :
MSVOA_U
ClientSampleId :

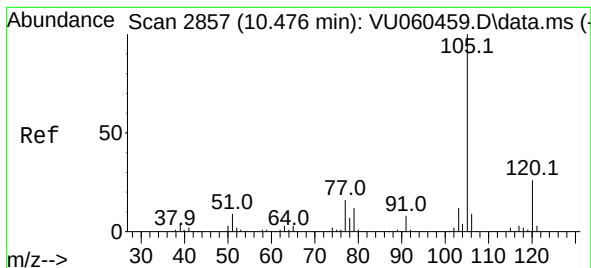
Tgt Ion: 83 Resp: 32638
Ion Ratio Lower Upper
83 100
85 63.0 46.1 85.5
131 9.0 7.6 11.4



#59
Bromoform
Concen: 5.938 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 173 Resp: 19131
Ion Ratio Lower Upper
173 100
175 47.7 39.7 59.5
254 9.3 8.2 12.4





#60

Isopropylbenzene

Concen: 5.245 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

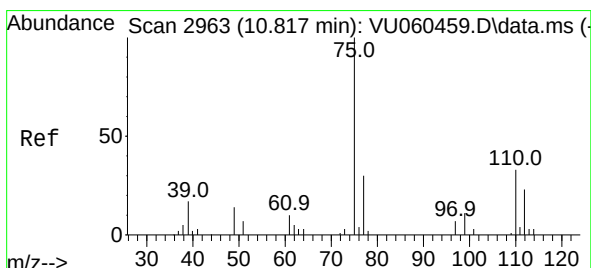
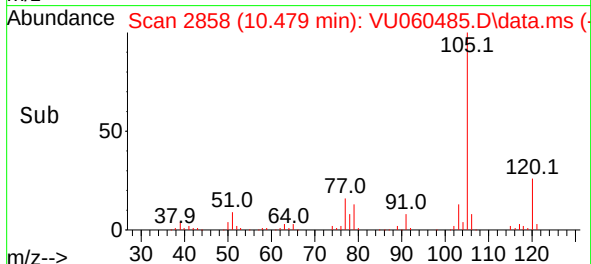
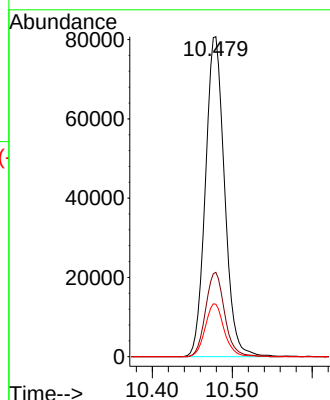
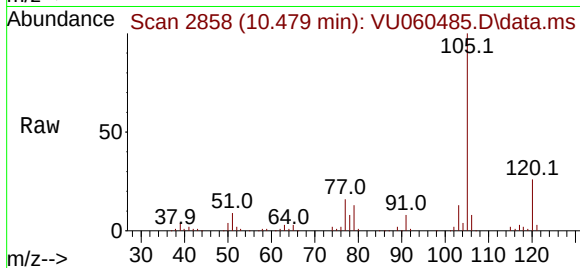
Tgt Ion:105 Resp: 134368

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 16.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.590 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

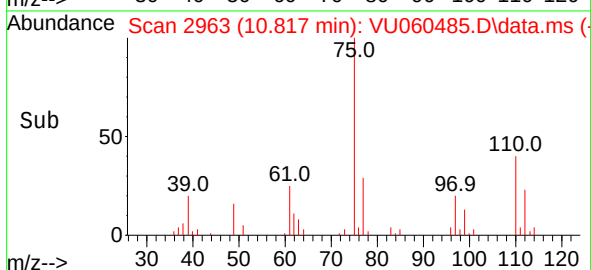
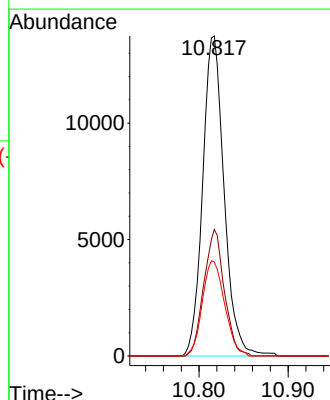
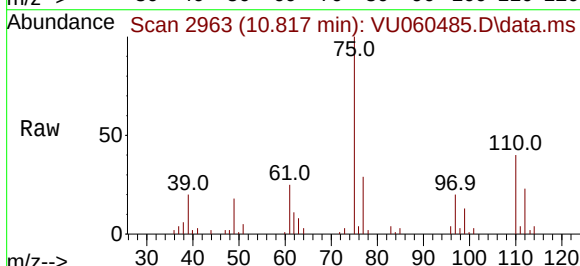
Tgt Ion: 75 Resp: 22962

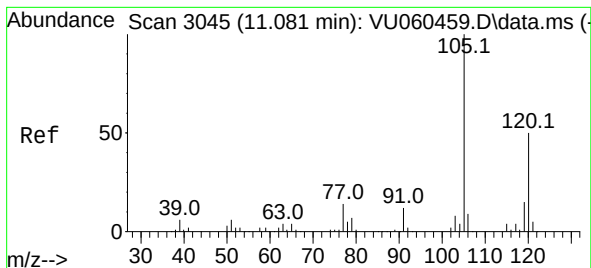
Ion Ratio Lower Upper

75 100

110 37.6 29.9 44.9

77 30.9 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.162 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

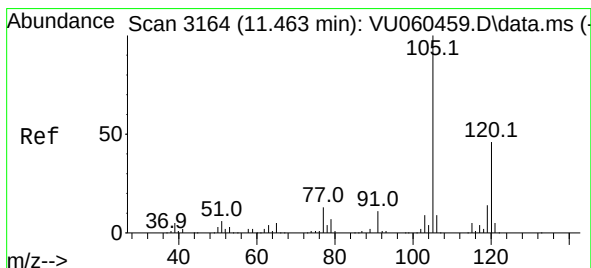
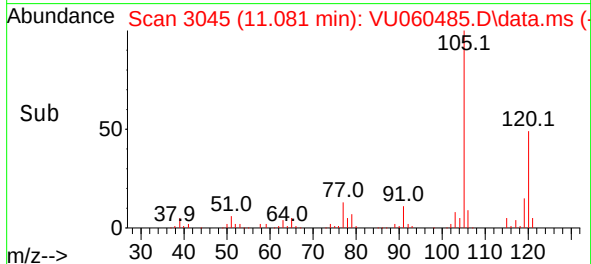
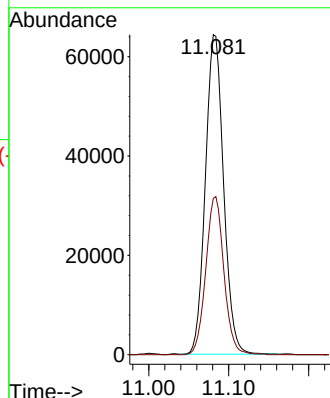
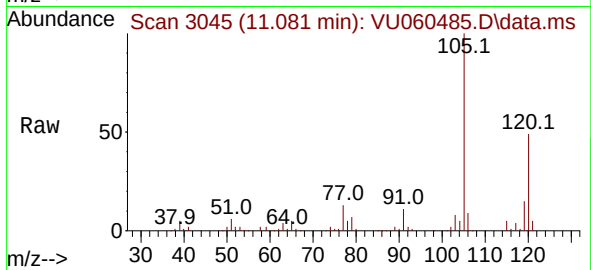
ClientSampleId :

Tgt Ion:105 Resp: 101813

Ion Ratio Lower Upper

105 100

120 49.3 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.219 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060485.D

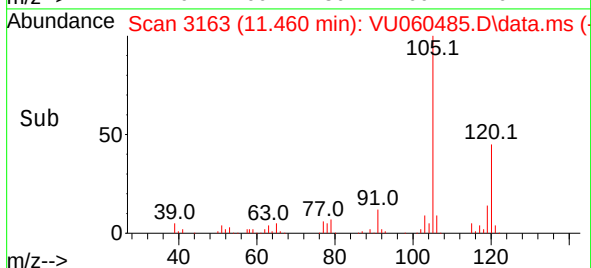
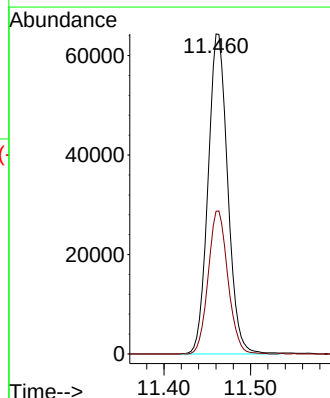
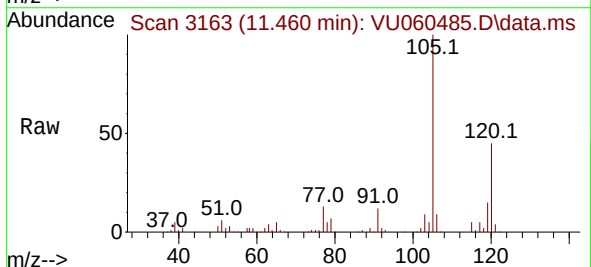
Acq: 20 Aug 2024 12:13

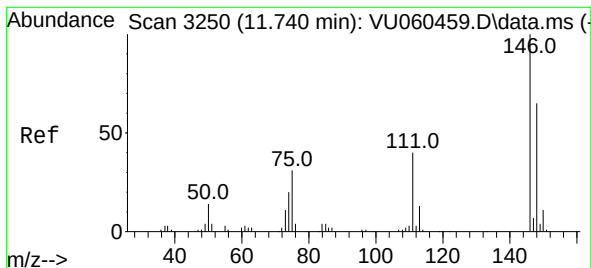
Tgt Ion:105 Resp: 101442

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.478 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

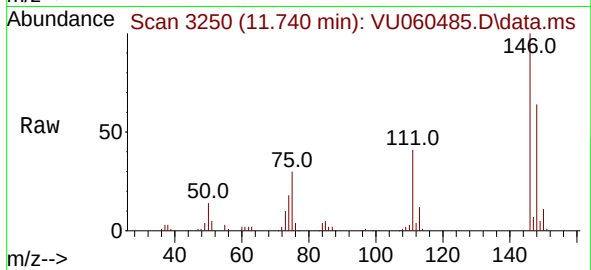
Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :



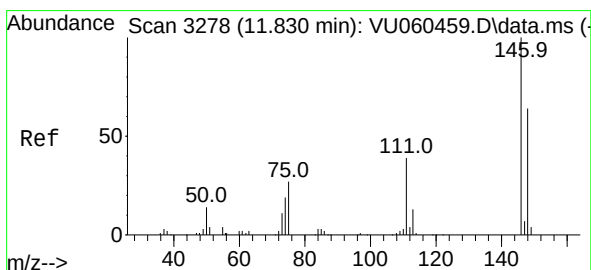
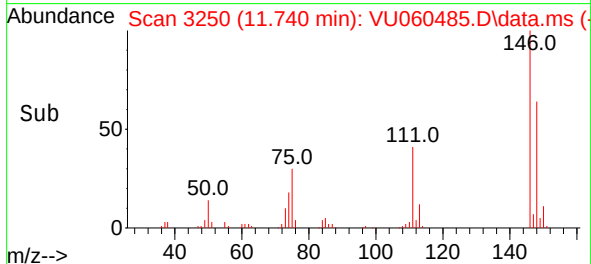
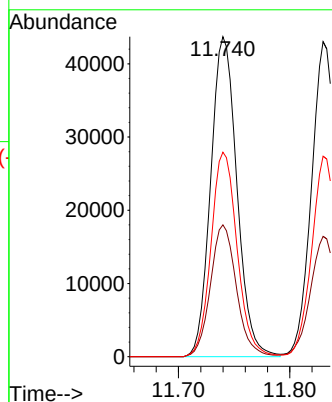
Tgt Ion:146 Resp: 71521

Ion Ratio Lower Upper

146 100

111 41.2 29.2 54.2

148 63.9 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 5.346 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

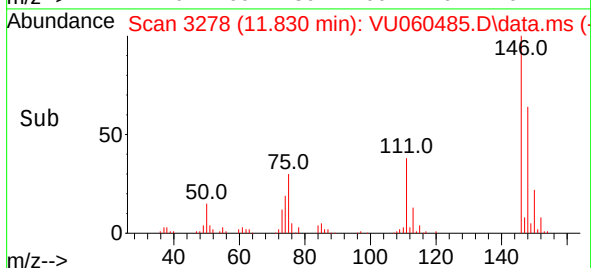
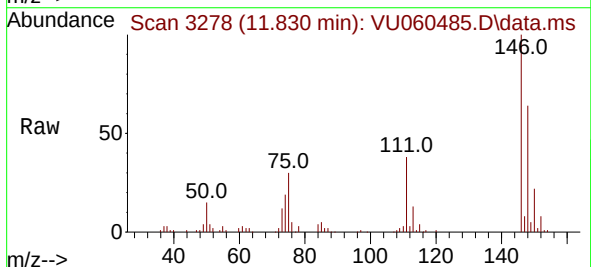
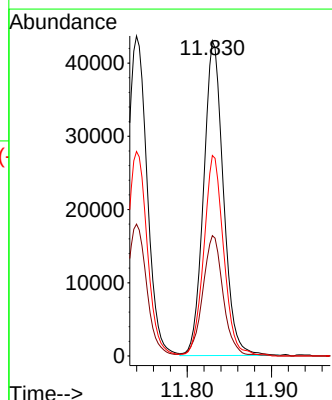
Tgt Ion:146 Resp: 70357

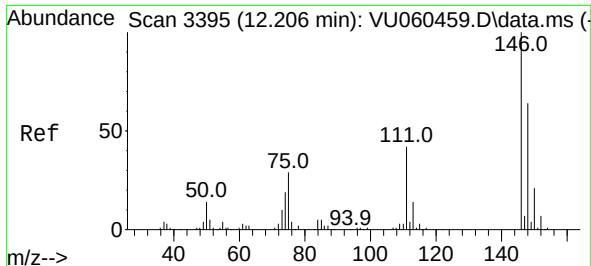
Ion Ratio Lower Upper

146 100

111 38.2 25.8 48.0

148 63.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.509 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

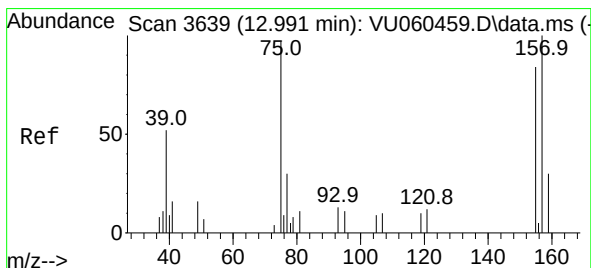
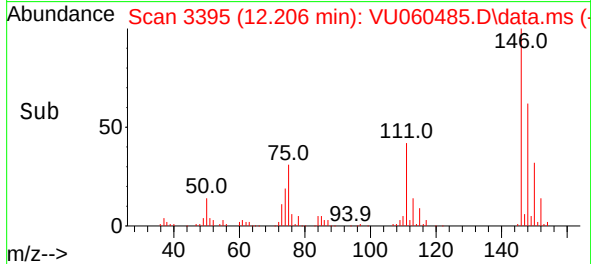
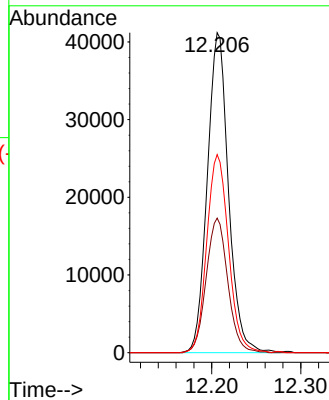
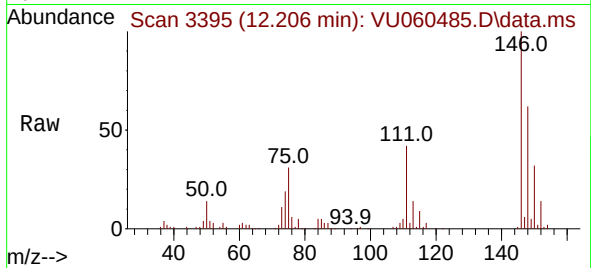
Tgt Ion:146 Resp: 67915

Ion Ratio Lower Upper

146 100

111 42.1 32.0 48.0

148 61.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.689 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

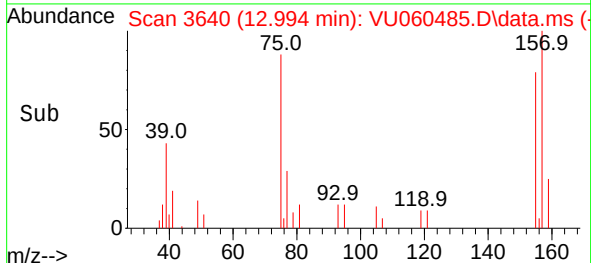
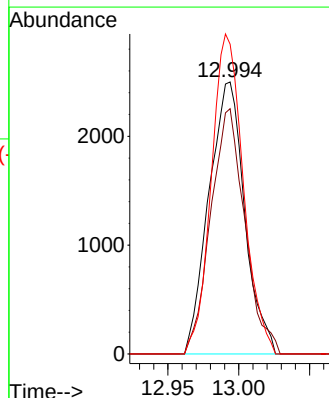
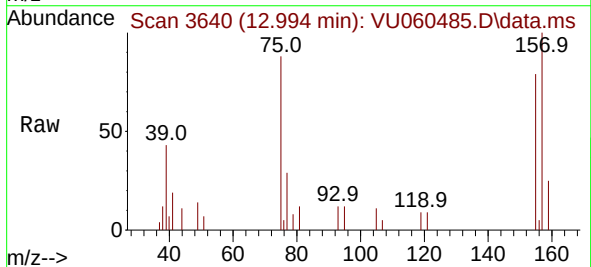
Tgt Ion: 75 Resp: 4381

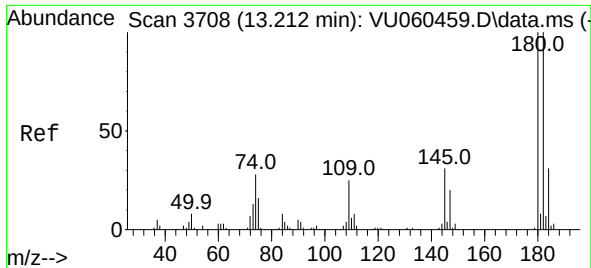
Ion Ratio Lower Upper

75 100

155 90.2 64.3 96.5

157 113.9 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 5.079 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

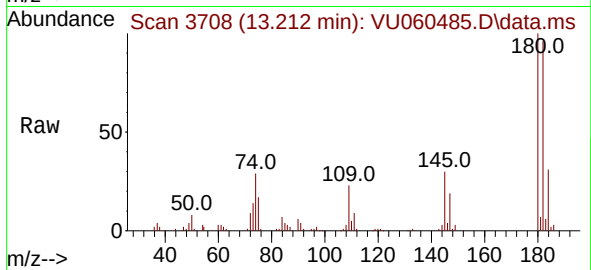
Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 50107

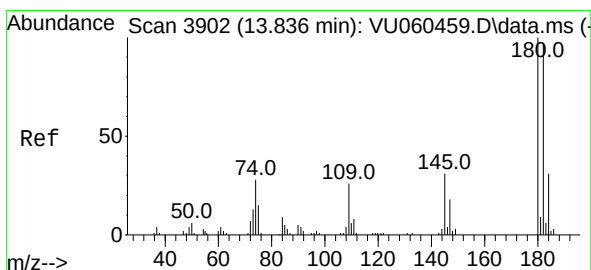
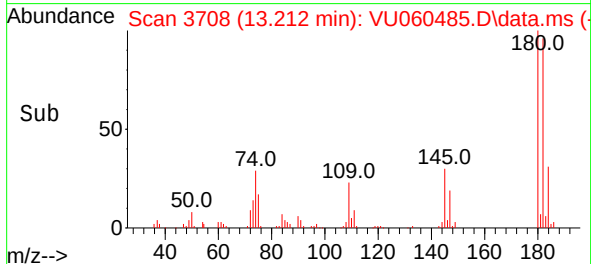
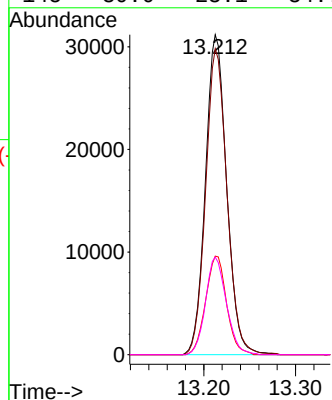
Ion Ratio Lower Upper

180 100

182 95.9 76.0 114.0

184 30.3 23.8 35.8

145 30.0 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.589 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060485.D

Acq: 20 Aug 2024 12:13

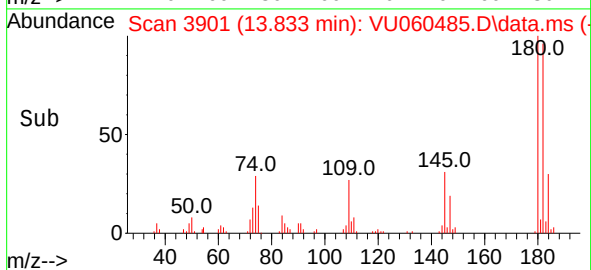
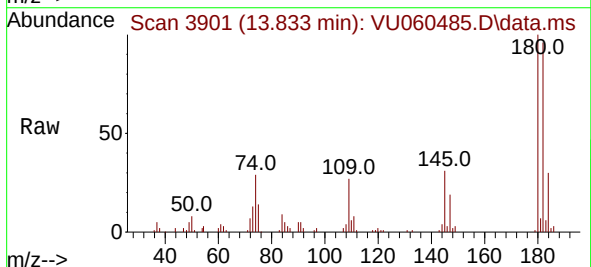
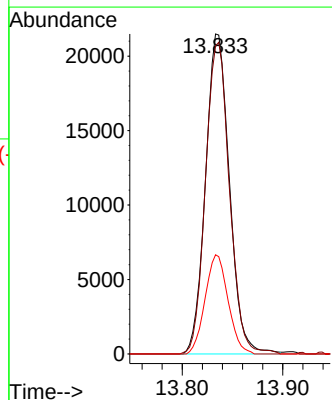
Tgt Ion:180 Resp: 35550

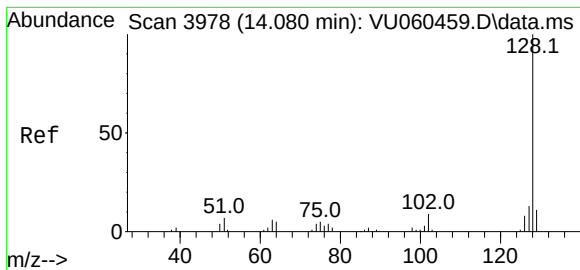
Ion Ratio Lower Upper

180 100

182 97.4 76.0 114.0

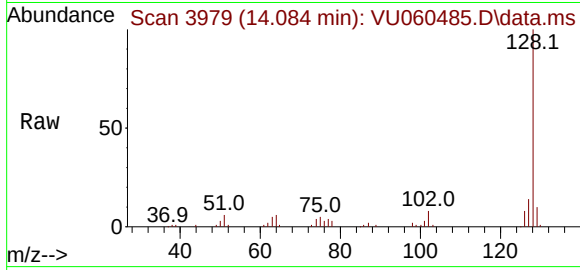
145 29.7 23.7 35.5



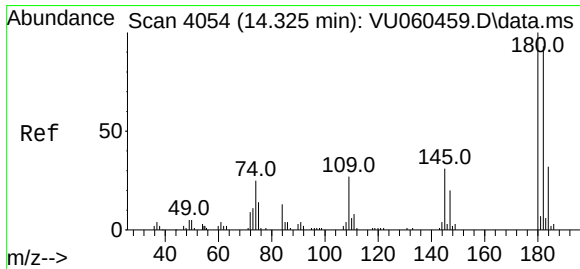
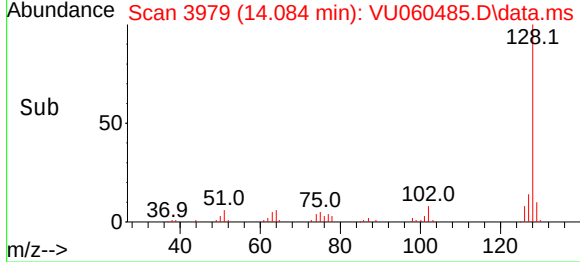
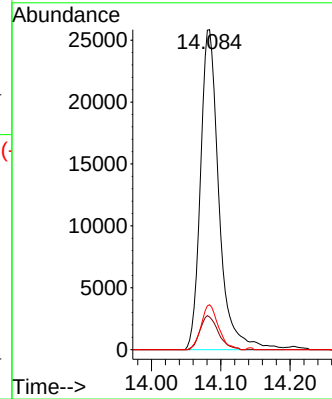


#71
Naphthalene
Concen: 4.365 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 48078
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.531 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060485.D
Acq: 20 Aug 2024 12:13

Tgt Ion:180 Resp: 31447
Ion Ratio Lower Upper
180 100
182 100.0 75.7 113.5
145 31.5 23.7 35.5

