

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036761.D
 Acq On : 02 Aug 2023 11:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 07:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	148422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	252994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102424	46.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.280%		
35) Dibromofluoromethane	5.385	113	85418	49.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	8.647	98	295384	47.900	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.800%		
62) 4-Bromofluorobenzene	11.079	95	118145	50.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84006	42.845	ug/l	98
3) Chloromethane	1.301	50	74627	41.847	ug/l	97
4) Vinyl Chloride	1.374	62	81055	44.642	ug/l	100
5) Bromomethane	1.599	94	47744	44.045	ug/l	98
6) Chloroethane	1.679	64	52241	59.180	ug/l	98
7) Trichlorofluoromethane	1.886	101	143828	51.296	ug/l	100
8) Diethyl Ether	2.130	74	53839	49.631	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	83067	49.311	ug/l	99
10) Methyl Iodide	2.453	142	82475	47.137	ug/l	94
11) Tert butyl alcohol	2.959	59	123515	237.566	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	76776	46.196	ug/l	88
13) Acrolein	2.233	56	89378	301.223	ug/l	97
14) Allyl chloride	2.660	41	140338	42.882	ug/l #	95
15) Acrylonitrile	3.062	53	256246	245.076	ug/l	99
16) Acetone	2.380	43	252807	277.411	ug/l	91
17) Carbon Disulfide	2.508	76	182024	39.683	ug/l	98
18) Methyl Acetate	2.703	43	184748	48.191	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	313929	50.266	ug/l	100
20) Methylene Chloride	2.788	84	92958	45.866	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	84926	45.722	ug/l	92
22) Diisopropyl ether	3.757	45	290742	46.790	ug/l	88
23) Vinyl Acetate	3.715	43	1120777	235.139	ug/l	95
24) 1,1-Dichloroethane	3.605	63	164429	47.197	ug/l	98
25) 2-Butanone	4.550	43	367521	248.570	ug/l	93
26) 2,2-Dichloropropane	4.471	77	154592	47.092	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	106138	48.109	ug/l	93
28) Bromochloromethane	4.891	49	79082	46.936	ug/l	91
29) Tetrahydrofuran	4.995	42	224058	235.048	ug/l	92
30) Chloroform	5.086	83	176603	49.548	ug/l	100
31) Cyclohexane	5.464	56	131313	43.185	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	157253	48.150	ug/l	98
36) 1,1-Dichloropropene	5.690	75	120145	46.354	ug/l	97
37) Ethyl Acetate	4.708	43	137886	47.002	ug/l	97
38) Carbon Tetrachloride	5.672	117	135654	49.230	ug/l	96
39) Methylcyclohexane	7.379	83	149545	46.401	ug/l	93
40) Benzene	6.031	78	359553	47.680	ug/l	99

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 08/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	75770	48.291	ug/l #	84
42) 1,2-Dichloroethane	6.080	62	140874	51.095	ug/l	97
43) Isopropyl Acetate	6.336	43	237624	47.056	ug/l	95
44) Trichloroethene	7.123	130	96435	48.924	ug/l	97
45) 1,2-Dichloropropane	7.427	63	98281	48.814	ug/l	98
46) Dibromomethane	7.574	93	70804	50.248	ug/l	95
47) Bromodichloromethane	7.818	83	145947	50.460	ug/l	96
48) Methyl methacrylate	7.690	41	111366	47.421	ug/l #	88
49) 1,4-Dioxane	7.653	88	47646	1004.285	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	693502	248.163	ug/l	95
52) Toluene	8.714	92	236460	50.044	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	164103	50.199	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	169049	49.006	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	102510	51.611	ug/l	96
56) Ethyl methacrylate	9.116	69	165252	51.094	ug/l	93
57) 1,3-Dichloropropane	9.305	76	170653	51.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	389296	244.283	ug/l	97
59) 2-Hexanone	9.427	43	521575	251.482	ug/l	94
60) Dibromochloromethane	9.519	129	115285	52.809	ug/l	100
61) 1,2-Dibromoethane	9.610	107	107572	52.257	ug/l	99
64) Tetrachloroethene	9.269	164	84124	48.744	ug/l	98
65) Chlorobenzene	10.079	112	256479	50.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	101776	51.628	ug/l	98
67) Ethyl Benzene	10.189	91	454388	48.768	ug/l	99
68) m/p-Xylenes	10.299	106	346571	99.694	ug/l	99
69) o-Xylene	10.640	106	172186	49.621	ug/l	99
70) Styrene	10.653	104	290096	50.671	ug/l	98
71) Bromoform	10.799	173	84277	52.813	ug/l #	100
73) Isopropylbenzene	10.963	105	454573	48.161	ug/l	98
74) N-amyl acetate	10.842	43	200381	45.526	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	152115	47.717	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	134182m	50.020	ug/l	
77) Bromobenzene	11.195	156	106454	49.525	ug/l	95
78) n-propylbenzene	11.305	91	534480	48.964	ug/l	99
79) 2-Chlorotoluene	11.360	91	317186	47.953	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	385857	48.867	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53785	45.444	ug/l	87
82) 4-Chlorotoluene	11.451	91	364557	48.371	ug/l	98
83) tert-Butylbenzene	11.713	119	386850	49.871	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	384222	48.656	ug/l	95
85) sec-Butylbenzene	11.890	105	484450	50.078	ug/l	99
86) p-Isopropyltoluene	12.006	119	404326	50.795	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	200055	50.251	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	201348	50.963	ug/l	99
89) n-Butylbenzene	12.329	91	363228	50.975	ug/l	99
90) Hexachloroethane	12.536	117	77180	47.828	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	195291	50.834	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35528	47.959	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	123575	52.210	ug/l	98
94) Hexachlorobutadiene	13.725	225	50070	51.133	ug/l	98
95) Naphthalene	13.774	128	425739	51.617	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	122701	52.597	ug/l	99

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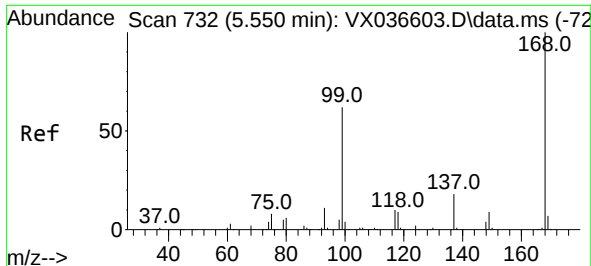
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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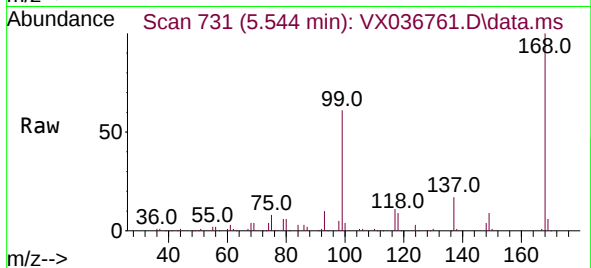
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036761.D
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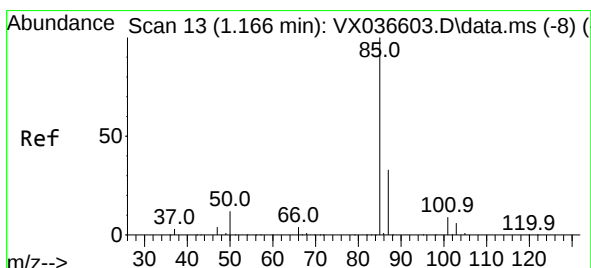
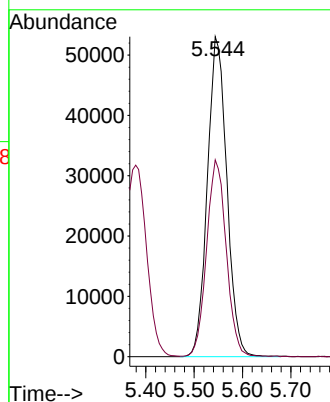
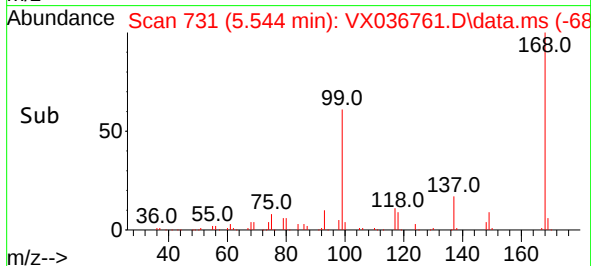
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14842
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0

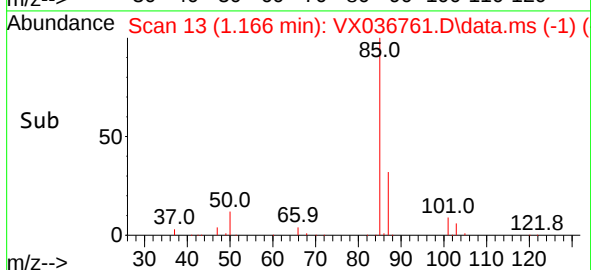
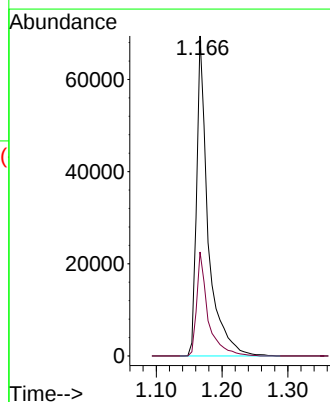
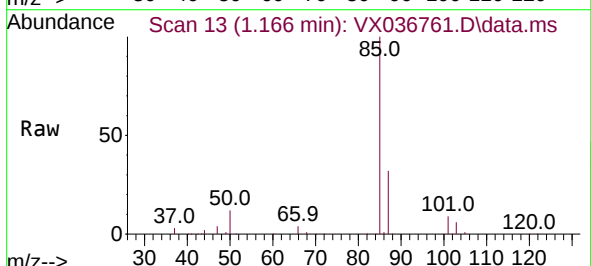
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 42.845 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

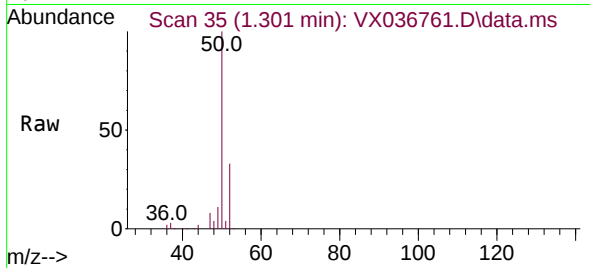
Tgt Ion: 85 Resp: 84006
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 41.847 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

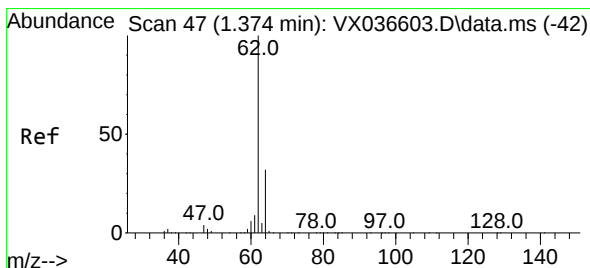
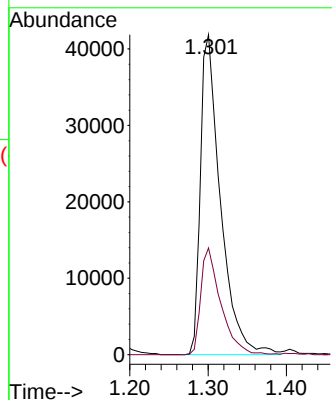
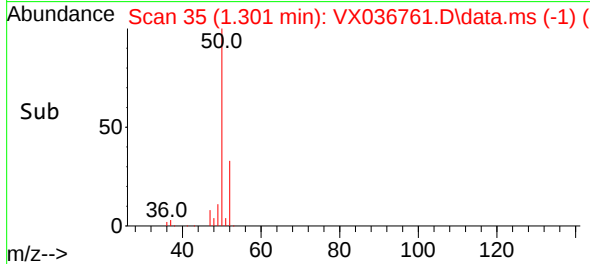
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 7462
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

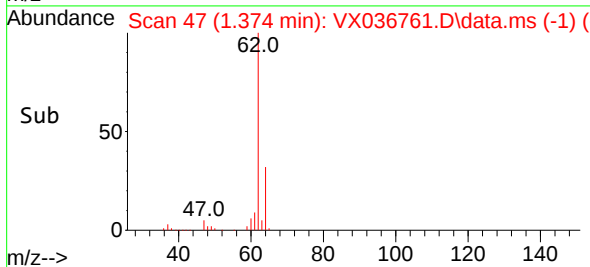
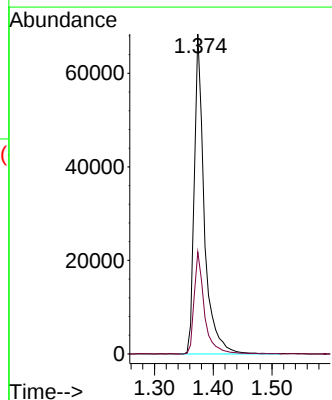
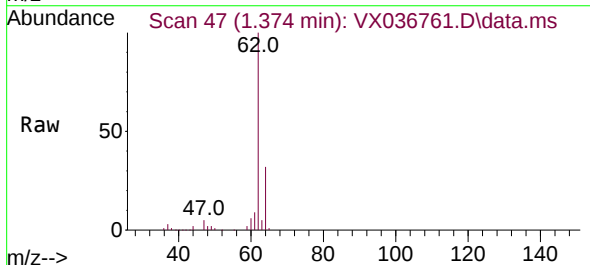
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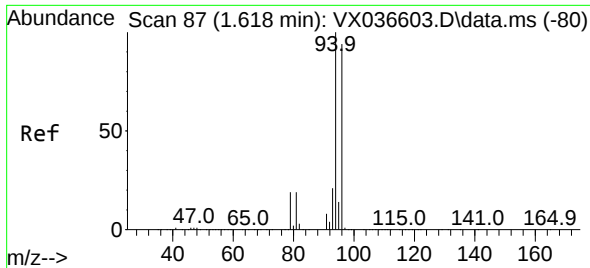
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#4
Vinyl Chloride
Concen: 44.642 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

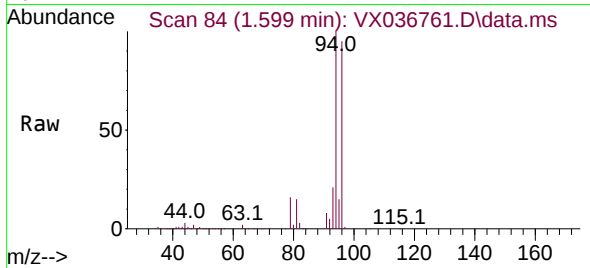
Tgt Ion: 62 Resp: 81055
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 44.045 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

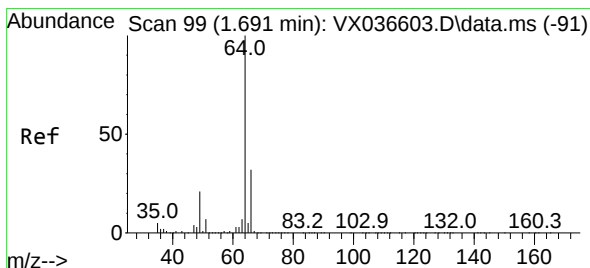
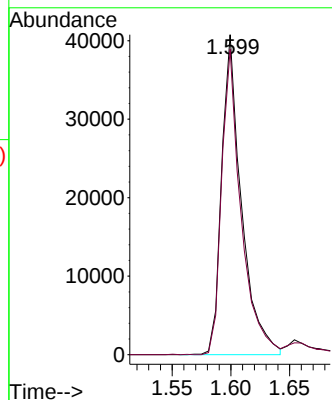
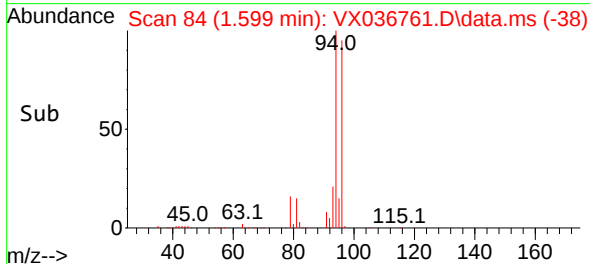
Instrument :
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Tgt Ion: 94 Resp: 47744
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

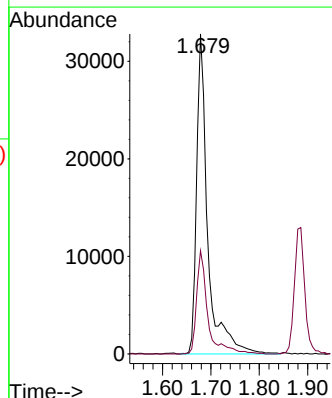
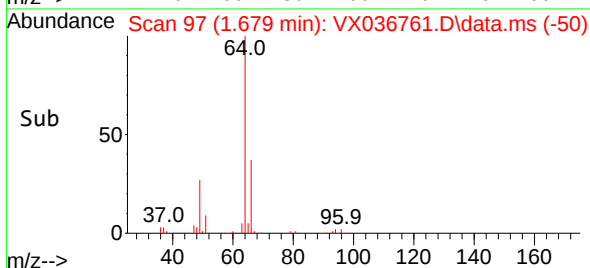
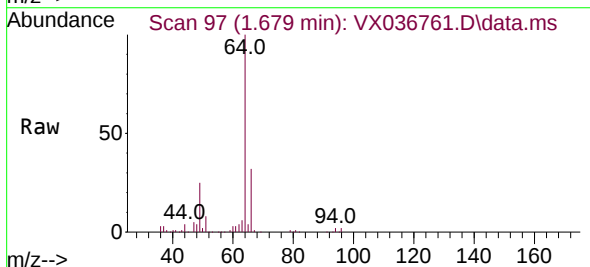
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#6
Chloroethane
Concen: 59.180 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 64 Resp: 52241
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





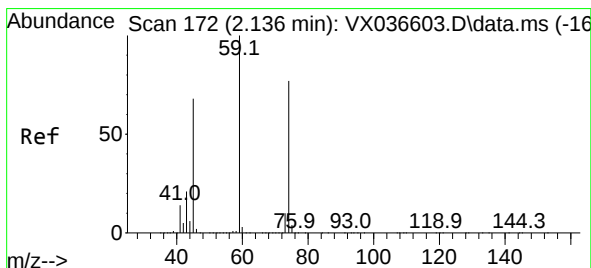
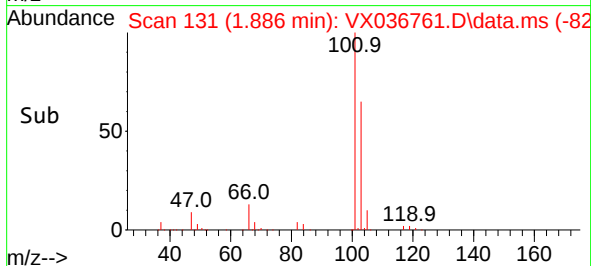
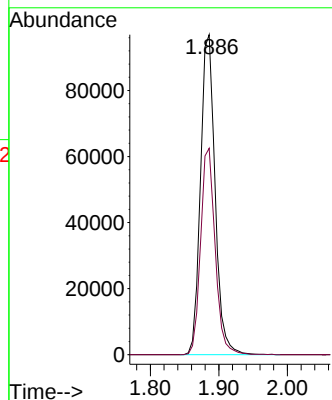
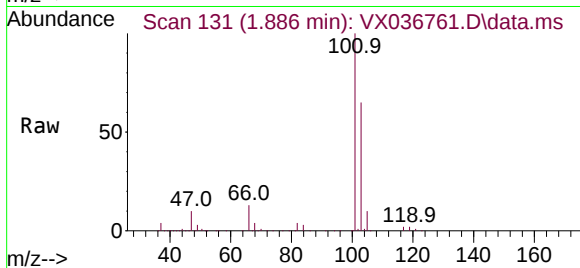
#7
 Trichlorofluoromethane
 Concen: 51.296 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036761.D
 Acq: 02 Aug 2023 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 143828
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

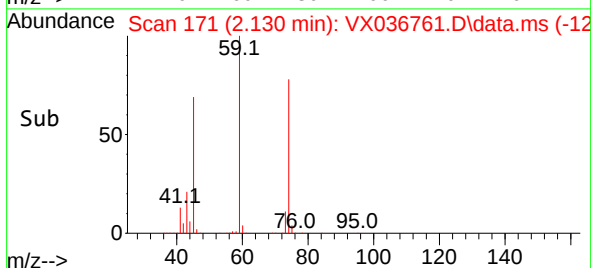
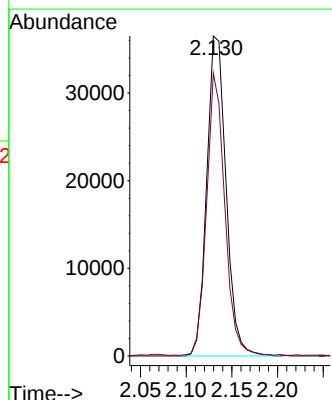
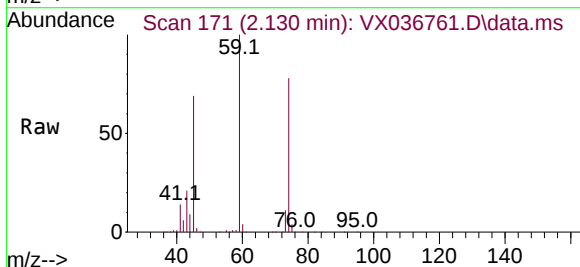
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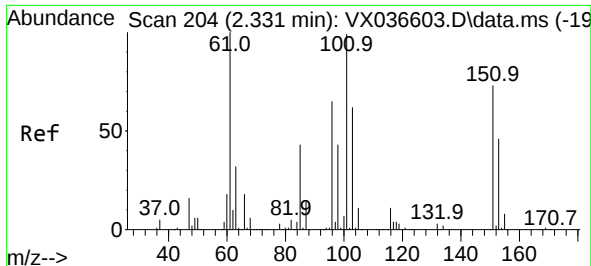
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#8
 Diethyl Ether
 Concen: 49.631 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036761.D
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Tgt Ion: 74 Resp: 53839
 Ion Ratio Lower Upper
 74 100
 45 82.9 53.3 159.8





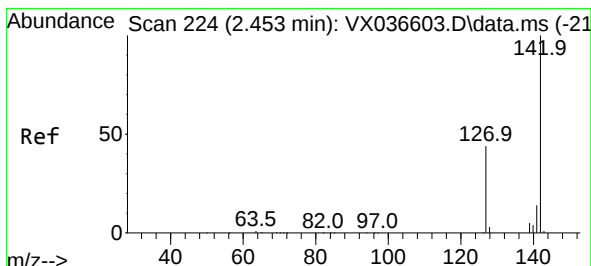
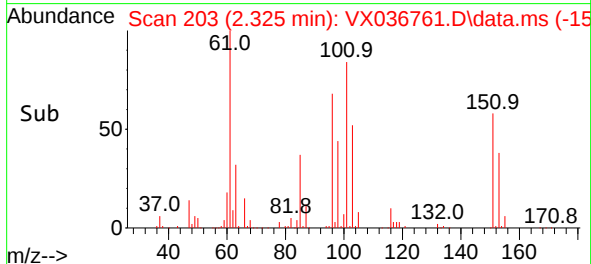
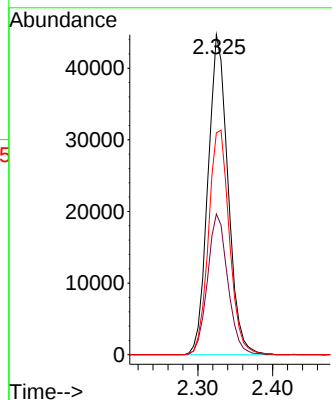
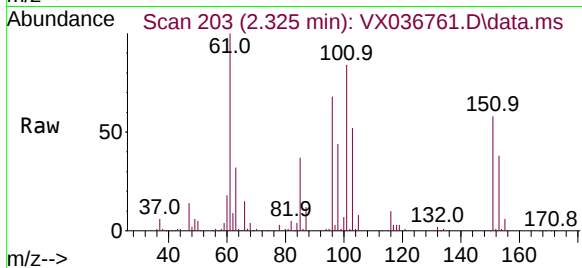
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.311 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036761.D
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Tgt Ion:101 Resp: 8306
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 73.1 58.6 87.8

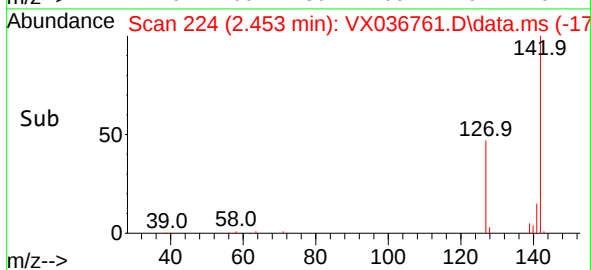
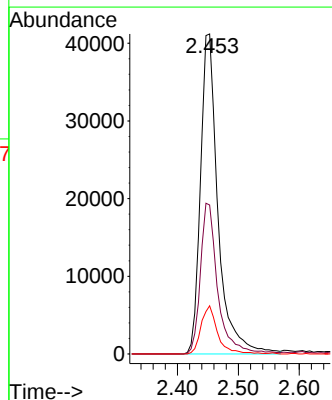
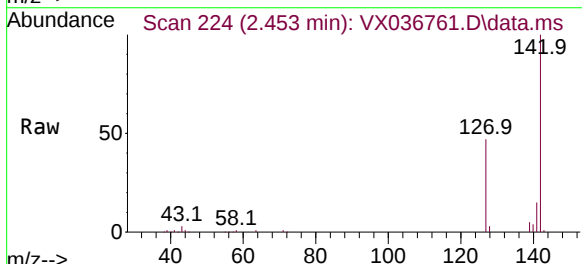
Manual Integrations
APPROVED

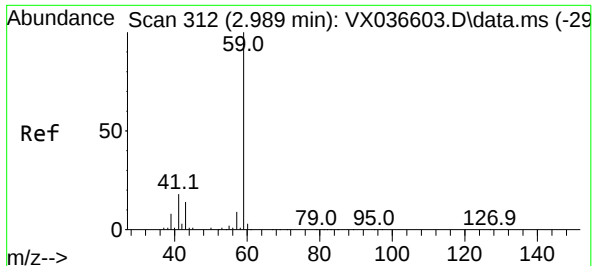
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#10
Methyl Iodide
Concen: 47.137 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion:142 Resp: 82475
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 237.566 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.030 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 12351

Ion Ratio Lower Upper

59 100

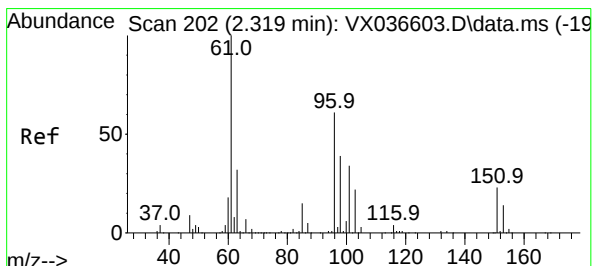
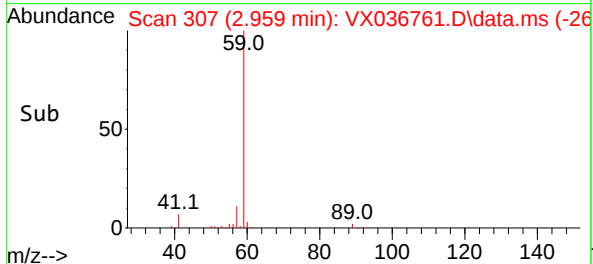
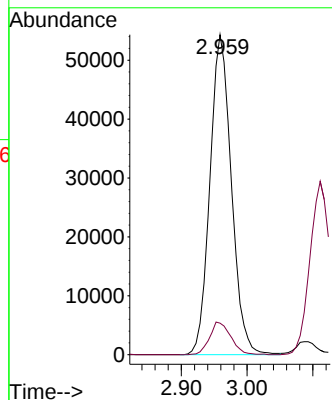
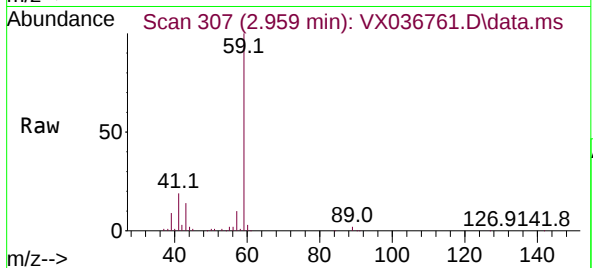
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#12

1,1-Dichloroethene

Concen: 46.196 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

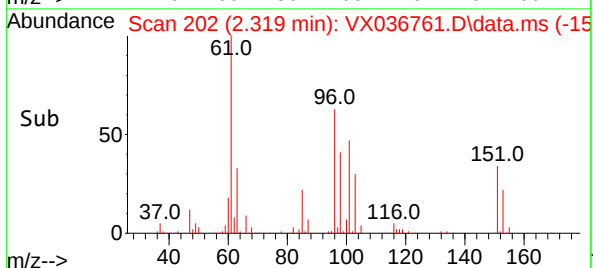
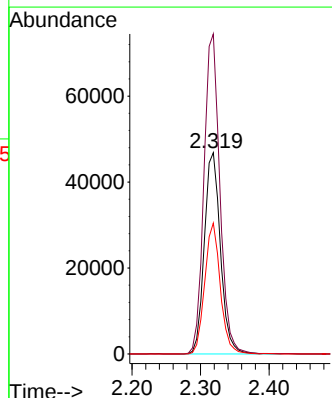
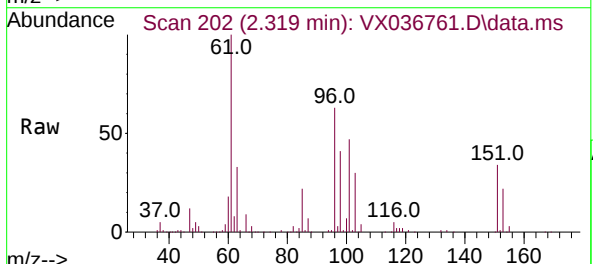
Tgt Ion: 96 Resp: 76776

Ion Ratio Lower Upper

96 100

61 158.9 144.6 216.8

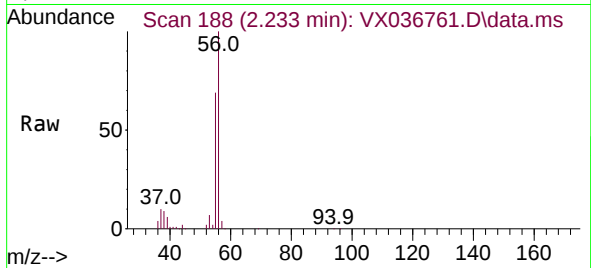
98 65.0 50.4 75.6





#13
Acrolein
Concen: 301.223 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

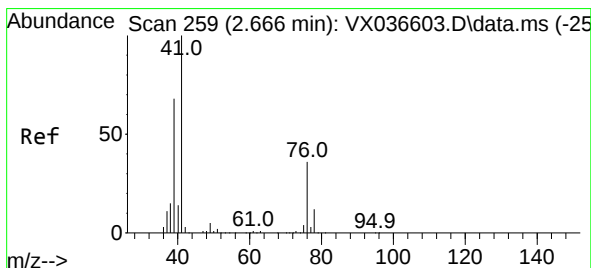
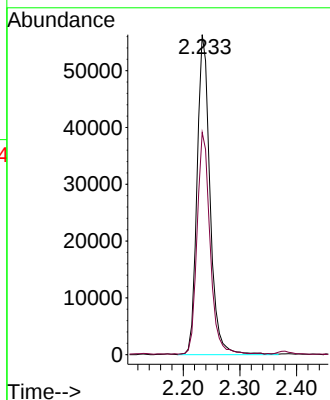
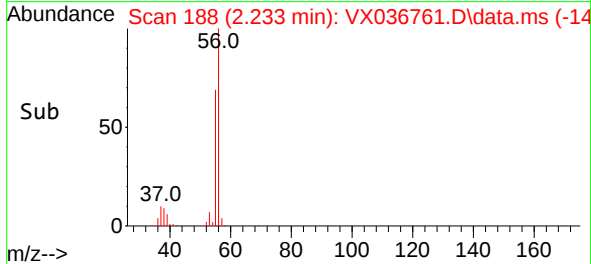
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 89378
Ion Ratio Lower Upper
56 100
55 69.2 57.1 85.7

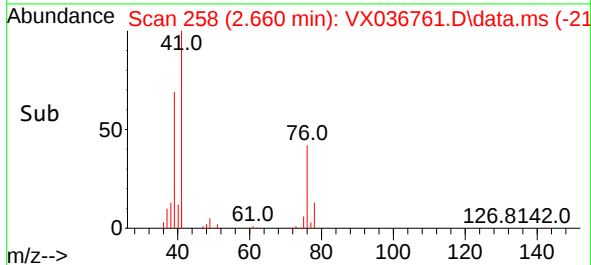
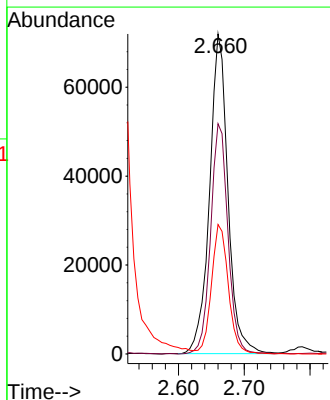
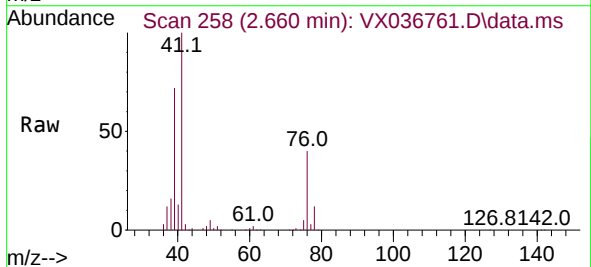
Manual Integrations
APPROVED

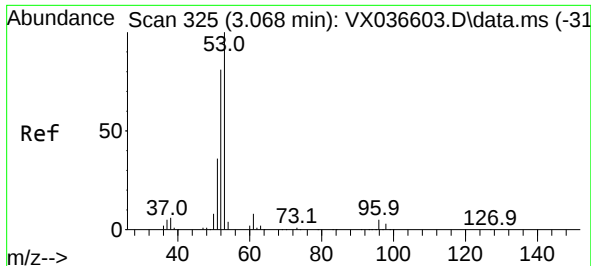
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#14
Allyl chloride
Concen: 42.882 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

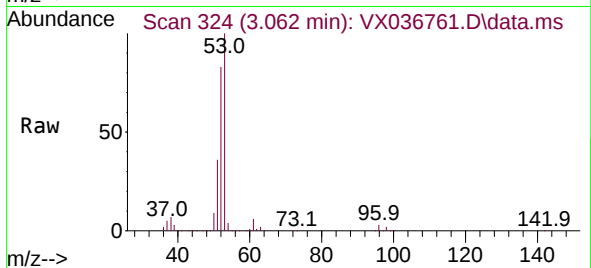
Tgt Ion: 41 Resp: 140338
Ion Ratio Lower Upper
41 100
39 67.8 55.8 83.6
76 37.2 24.3 36.5





#15
Acrylonitrile
Concen: 245.076 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

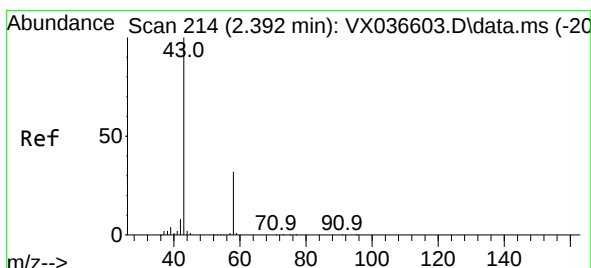
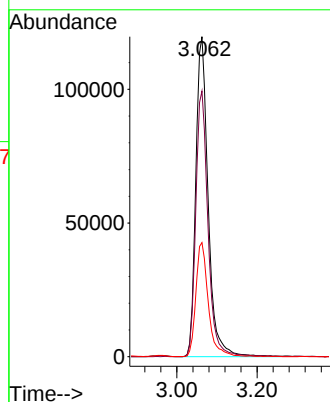
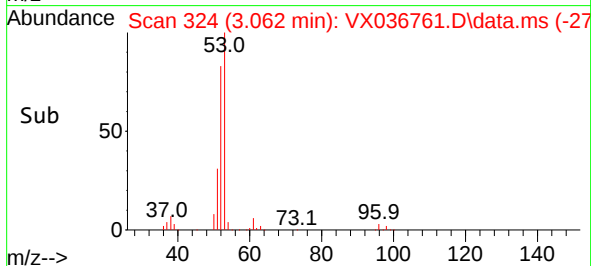
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 256240
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.7 29.8 44.6

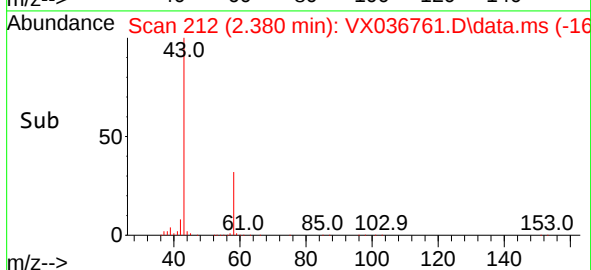
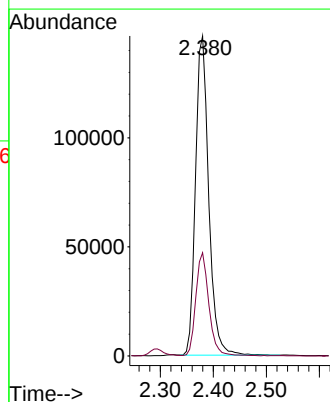
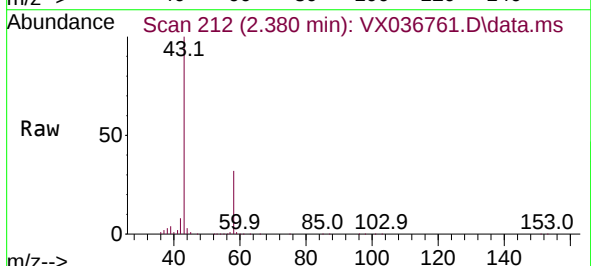
Manual Integrations
APPROVED

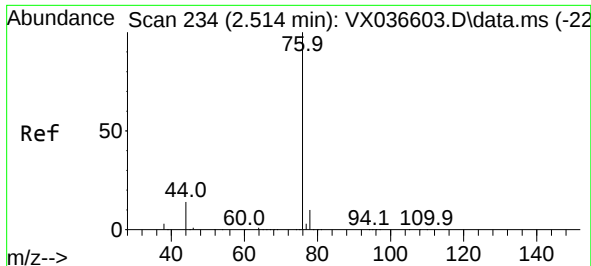
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#16
Acetone
Concen: 277.411 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 43 Resp: 252807
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





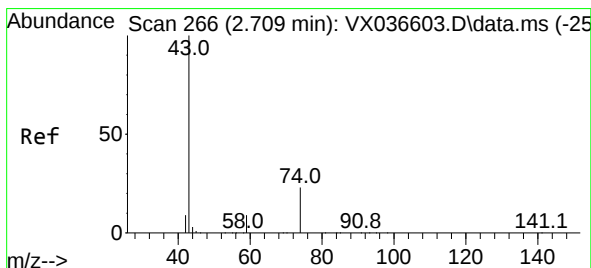
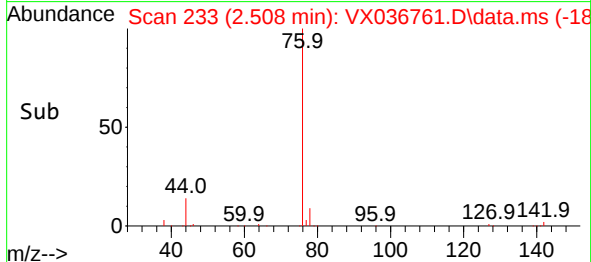
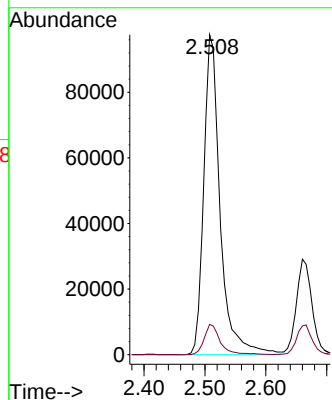
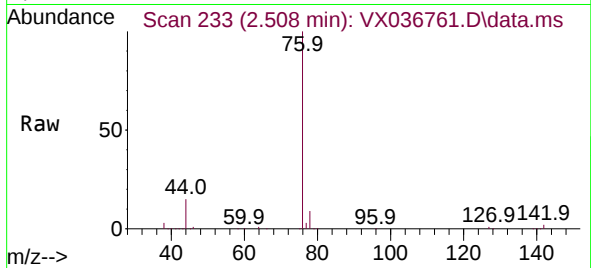
#17
Carbon Disulfide
Concen: 39.683 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 182024
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

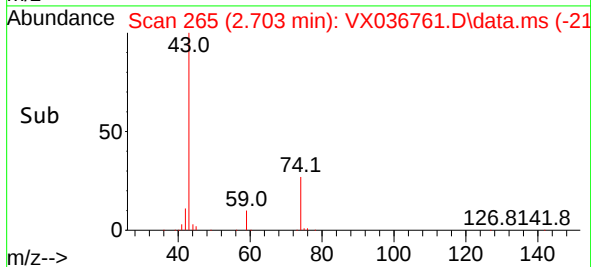
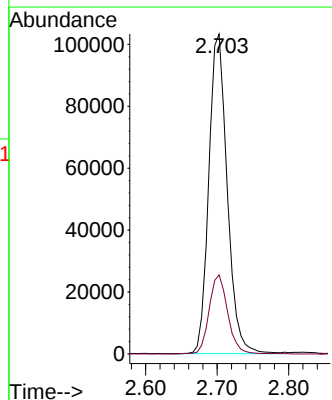
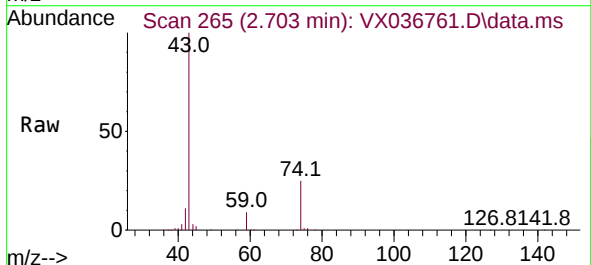
Manual Integrations
APPROVED

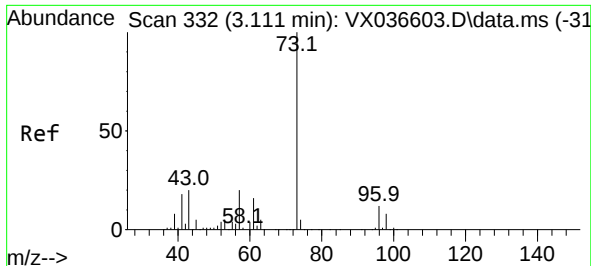
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#18
Methyl Acetate
Concen: 48.191 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

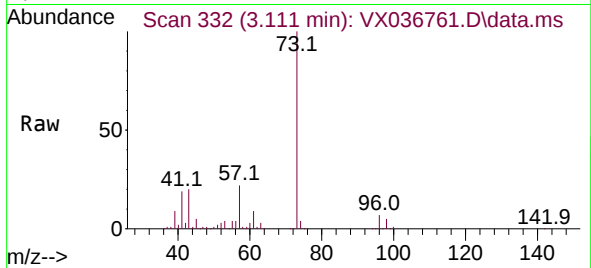
Tgt Ion: 43 Resp: 184748
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.266 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

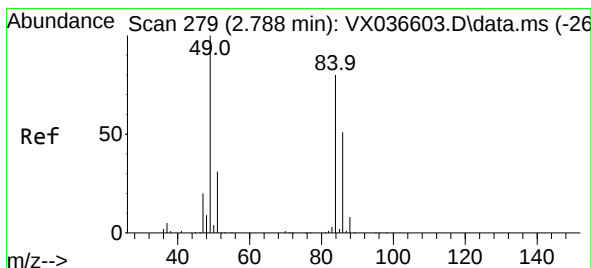
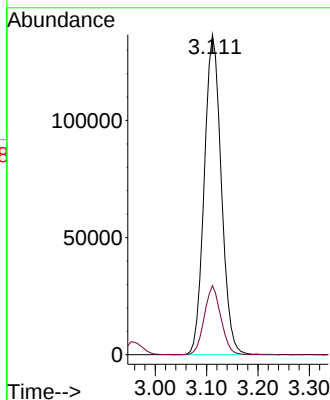
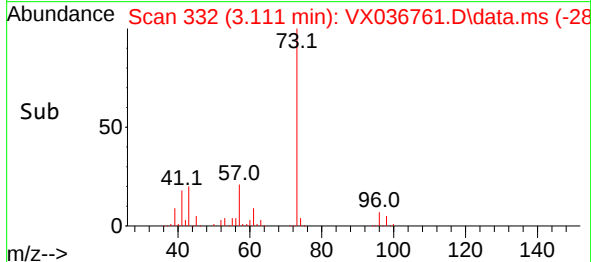
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 313929
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

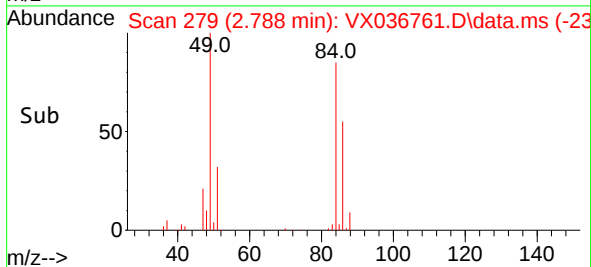
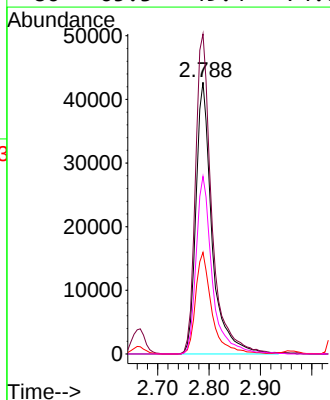
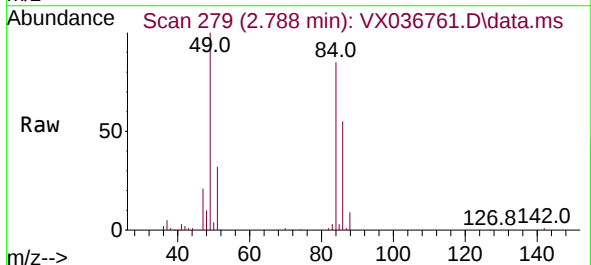
Manual Integrations
APPROVED

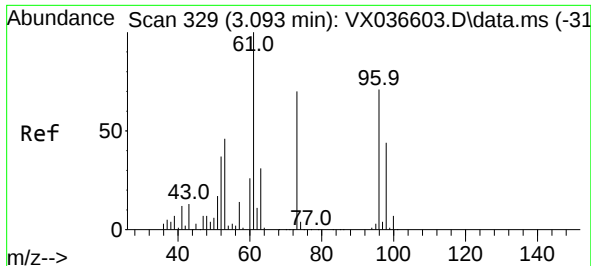
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#20
Methylene Chloride
Concen: 45.866 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

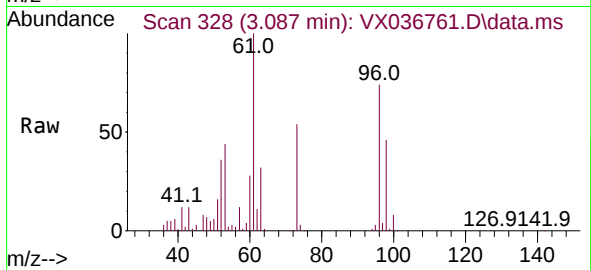
Tgt Ion: 84 Resp: 92958
Ion Ratio Lower Upper
84 100
49 117.8 103.6 155.4
51 37.4 33.8 50.6
86 65.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.722 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

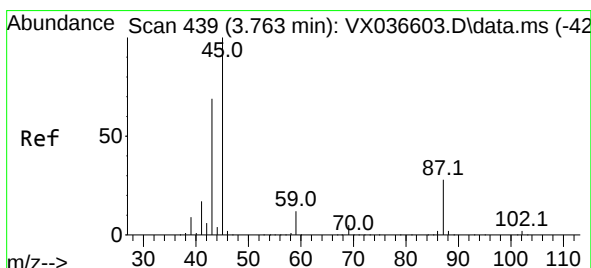
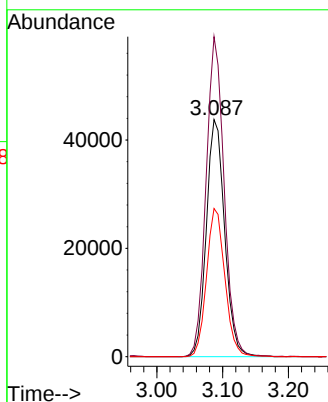
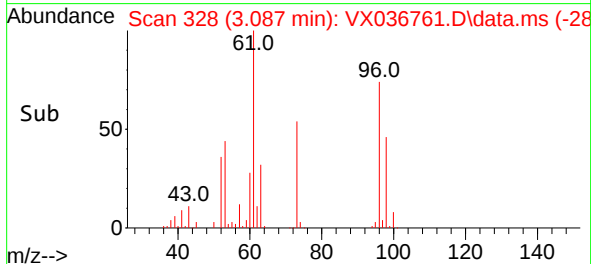
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



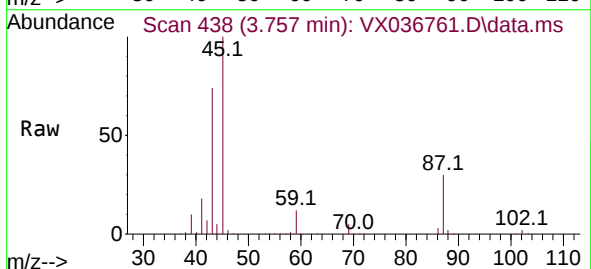
Tgt Ion: 96 Resp: 84920
Ion Ratio Lower Upper
96 100
61 135.0 119.2 178.8
98 62.5 48.7 73.1

Manual Integrations
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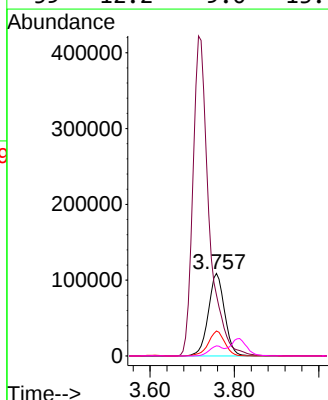
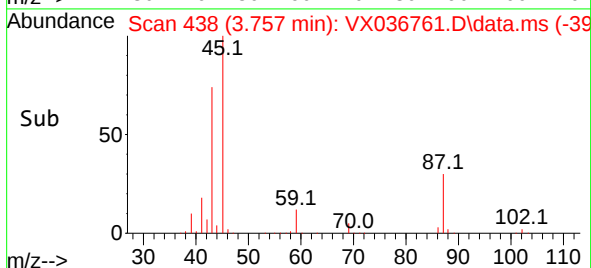
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

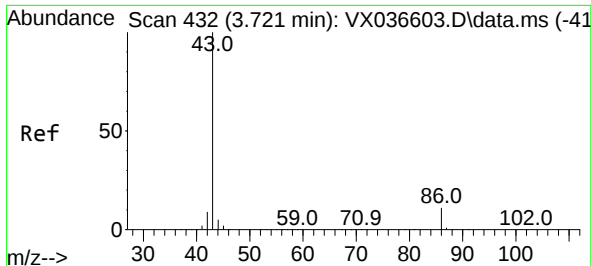


#22
Diisopropyl ether
Concen: 46.790 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



Tgt Ion: 45 Resp: 290742
Ion Ratio Lower Upper
45 100
43 73.8 69.7 104.5
87 30.2 20.8 31.2
59 12.2 9.0 13.4





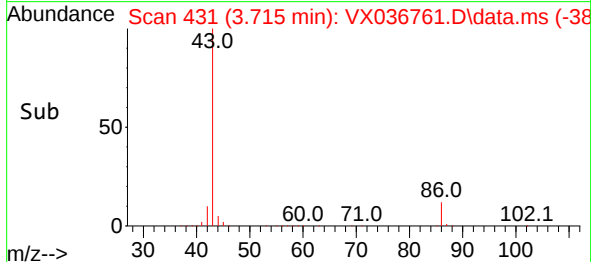
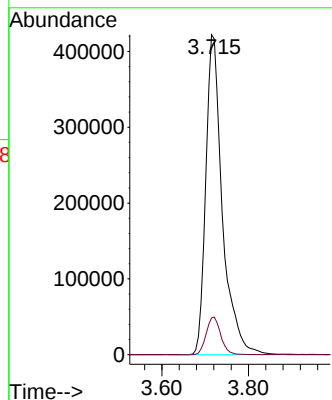
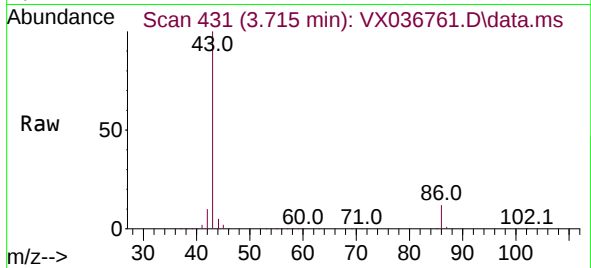
#23
 Vinyl Acetate
 Concen: 235.139 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX036761.D
 Acq: 02 Aug 2023 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 112077
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

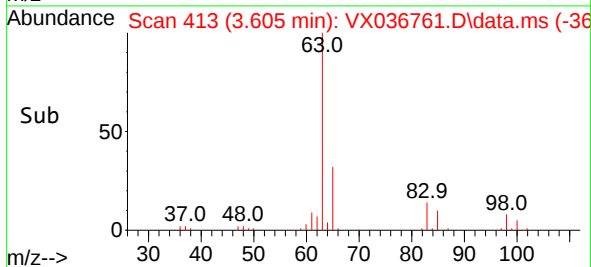
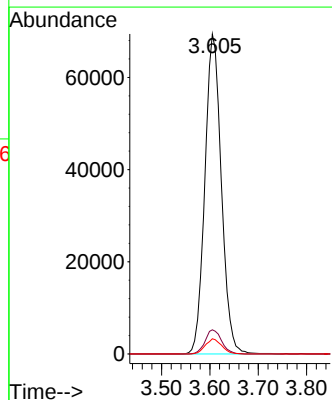
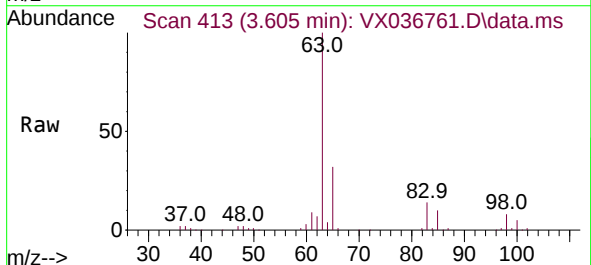
Manual Integrations
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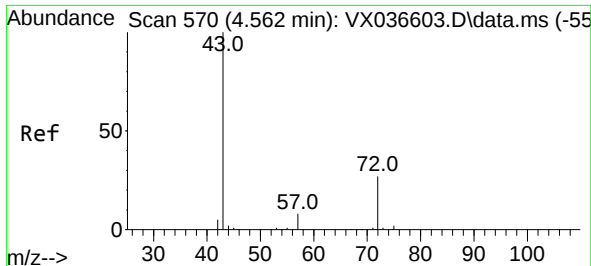
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#24
 1,1-Dichloroethane
 Concen: 47.197 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036761.D
 Acq: 02 Aug 2023 11:24

Tgt Ion: 63 Resp: 164429
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.7 2.1 6.5





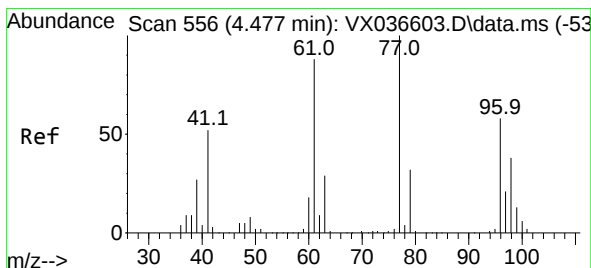
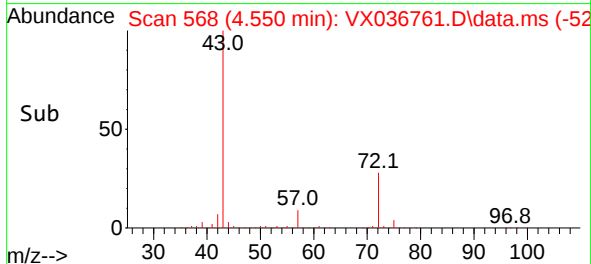
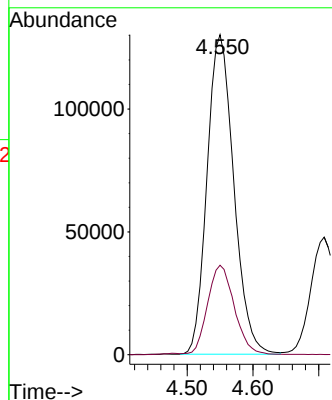
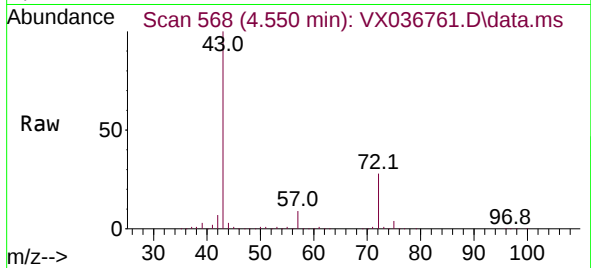
#25
2-Butanone
Concen: 248.570 ug/l
RT: 4.550 min Scan# 570
Delta R.T. -0.012 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 36752
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

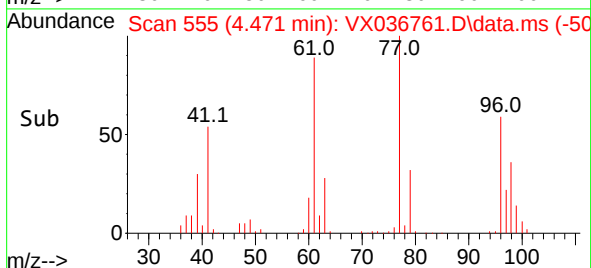
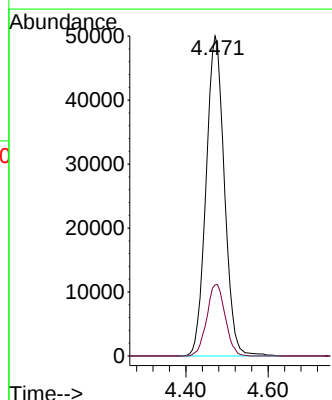
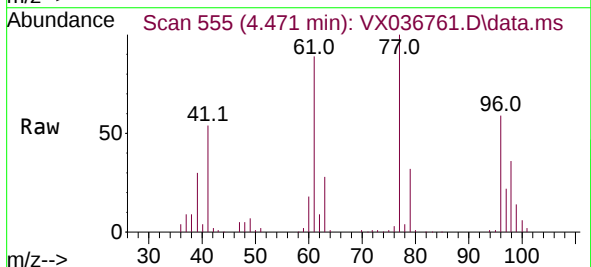
Manual Integrations
APPROVED

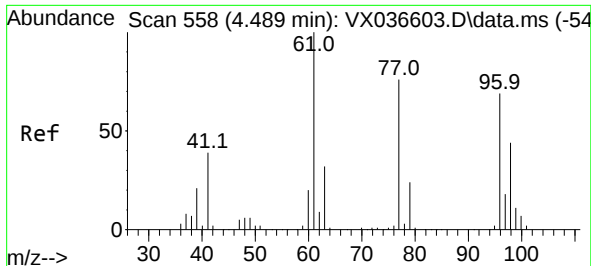
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#26
2,2-Dichloropropane
Concen: 47.092 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 77 Resp: 154592
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.109 ug/l

RT: 4.483 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX036761.D

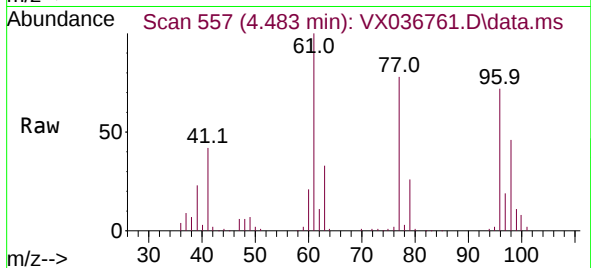
Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 106138

Ion Ratio Lower Upper

96 100

61 143.0 0.0 312.2

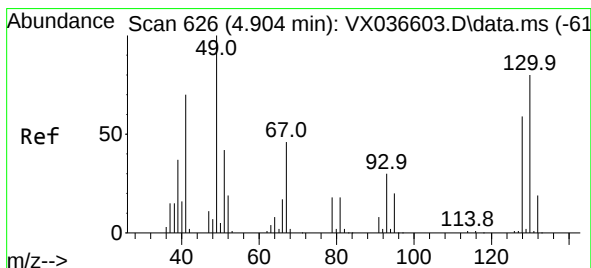
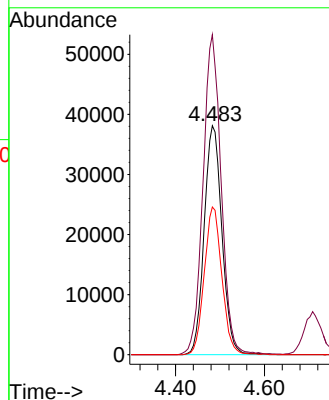
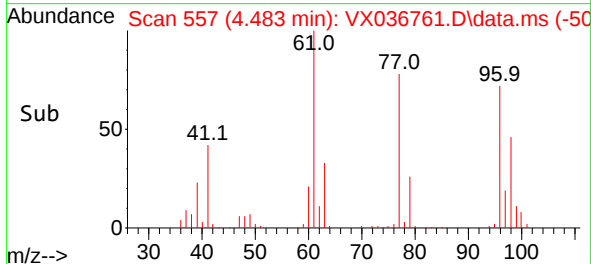
98 63.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#28

Bromochloromethane

Concen: 46.936 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

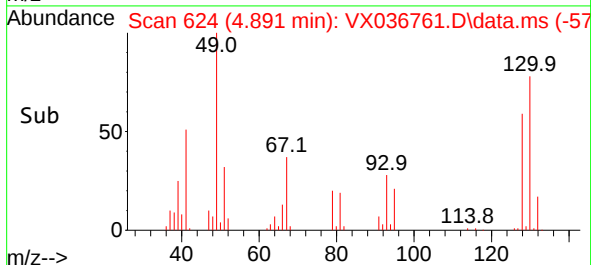
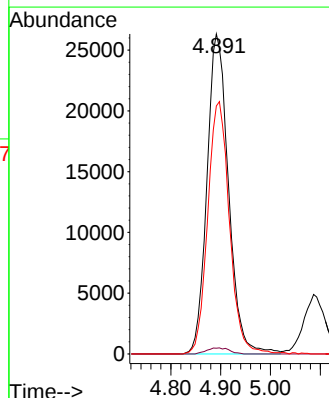
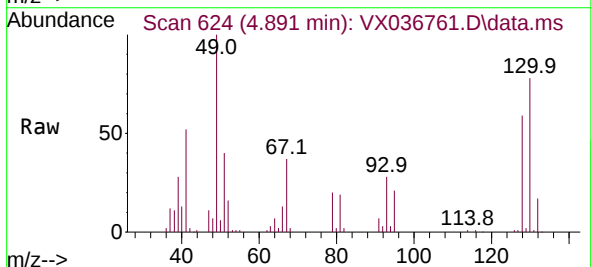
Tgt Ion: 49 Resp: 79082

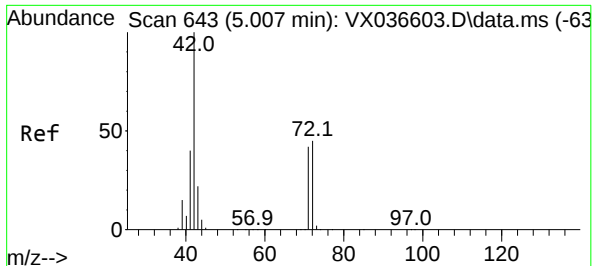
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 79.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 235.048 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 224058

Ion Ratio Lower Upper

42 100

72 48.7 34.2 51.4

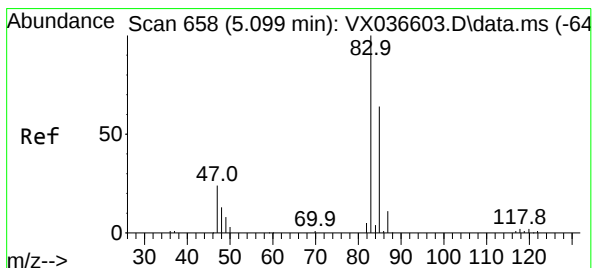
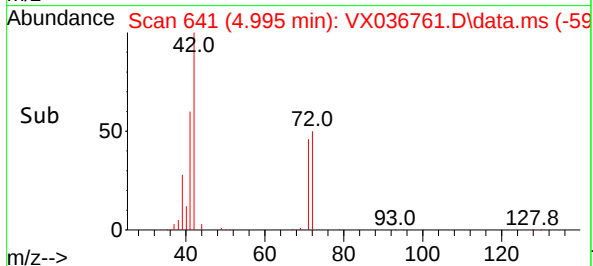
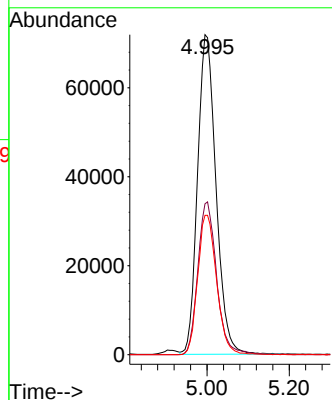
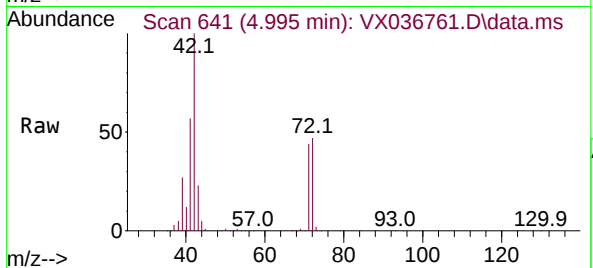
71 44.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#30

Chloroform

Concen: 49.548 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX036761.D

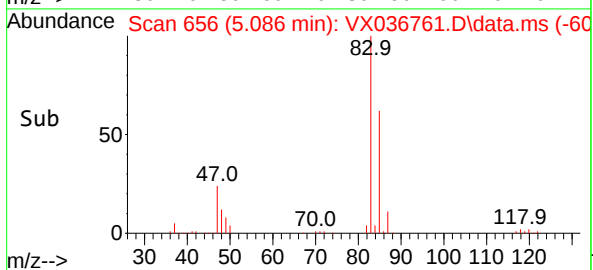
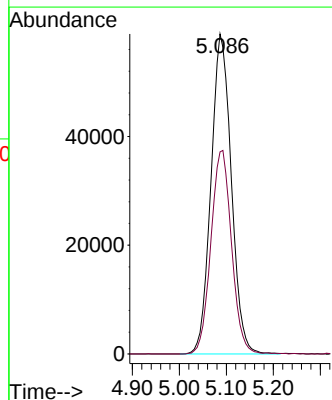
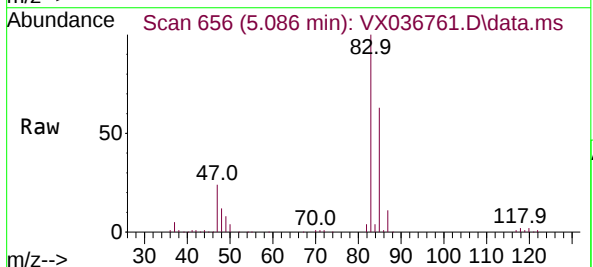
Acq: 02 Aug 2023 11:24

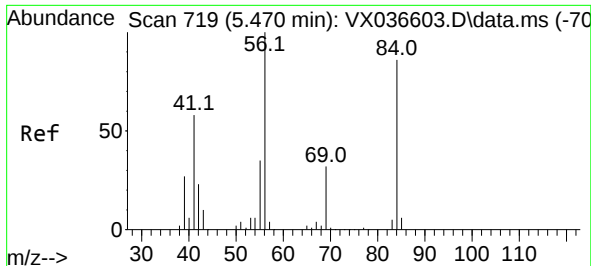
Tgt Ion: 83 Resp: 176603

Ion Ratio Lower Upper

83 100

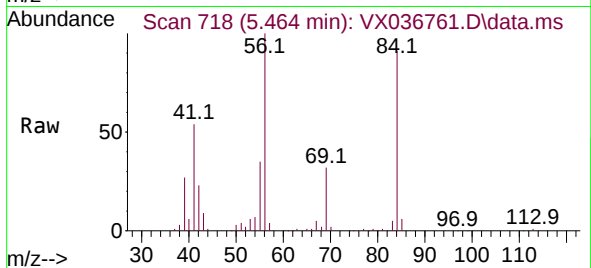
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 43.185 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

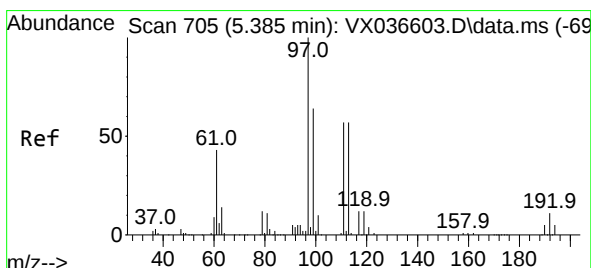
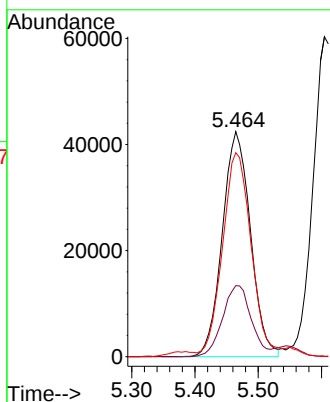
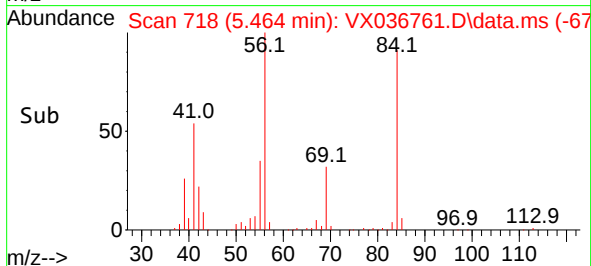
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 13131
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 88.4 65.9 98.9

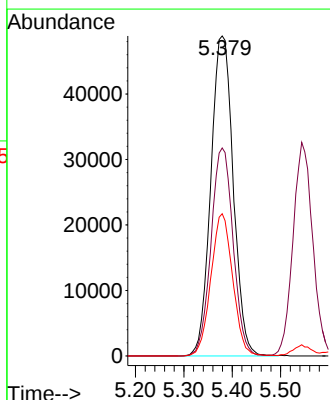
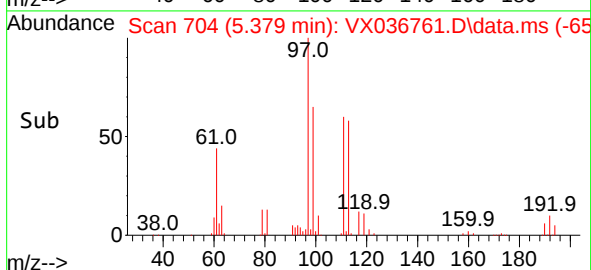
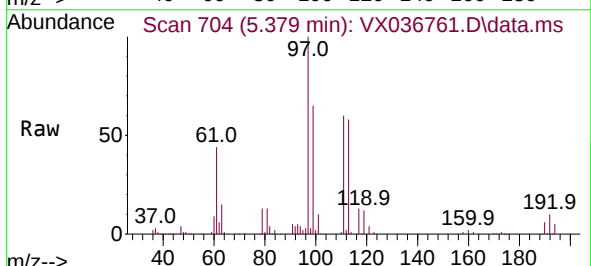
Manual Integrations
APPROVED

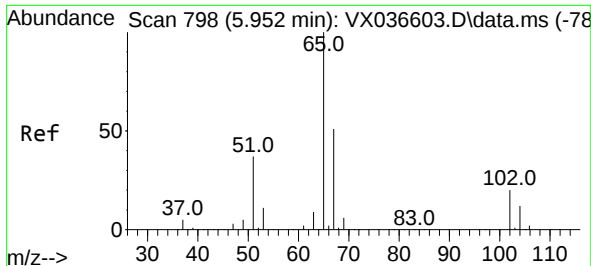
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#32
1,1,1-Trichloroethane
Concen: 48.150 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 97 Resp: 157253
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 43.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.639 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 102424

Ion Ratio Lower Upper

65 100

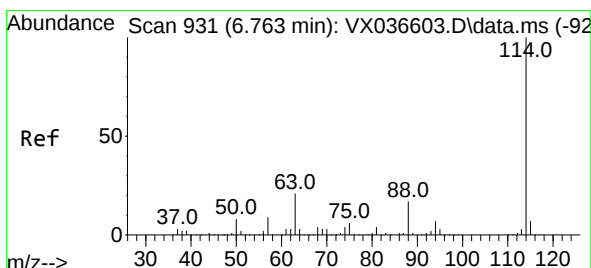
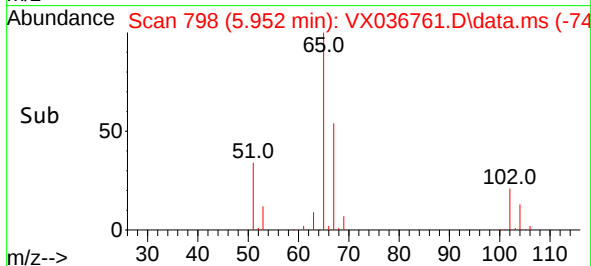
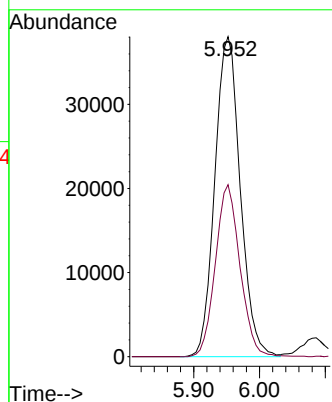
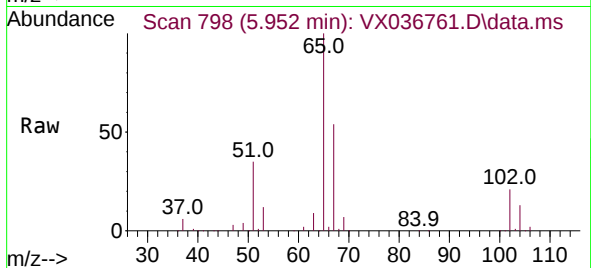
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

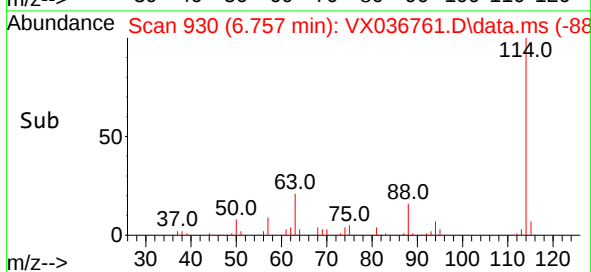
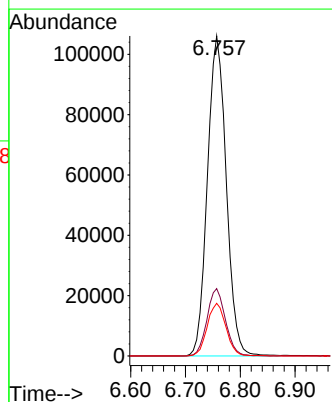
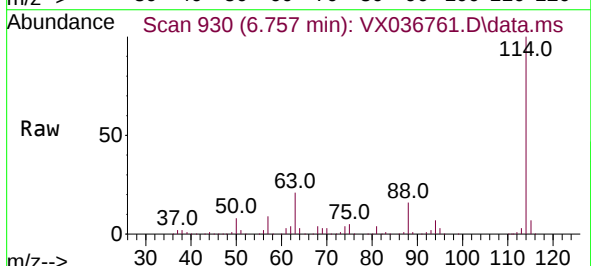
Tgt Ion:114 Resp: 252994

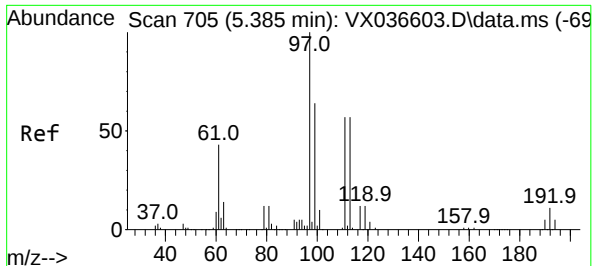
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.121 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

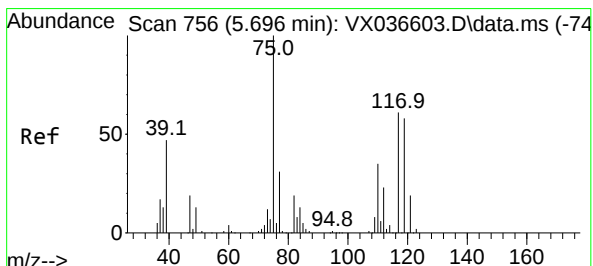
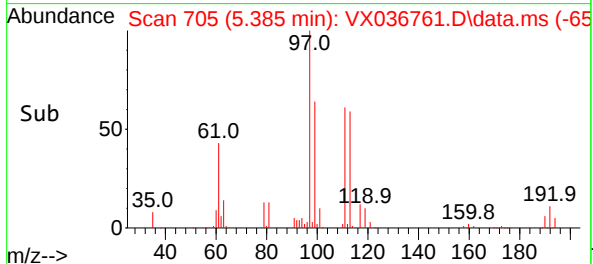
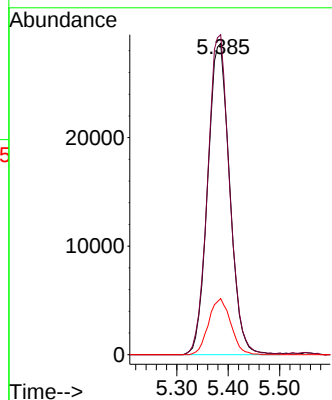
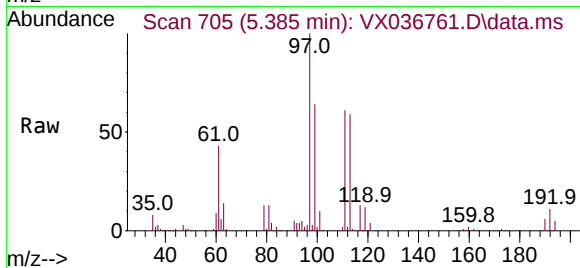
Tgt Ion:	113	Resp:	85418
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.9	124.3
192	18.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#36

1,1-Dichloropropene

Concen: 46.354 ug/l

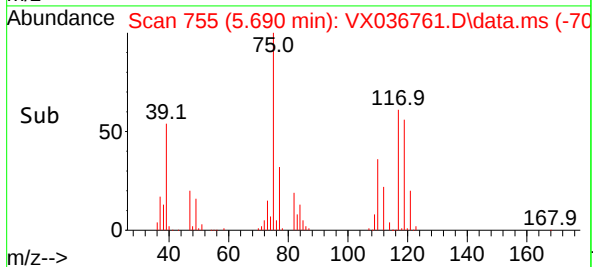
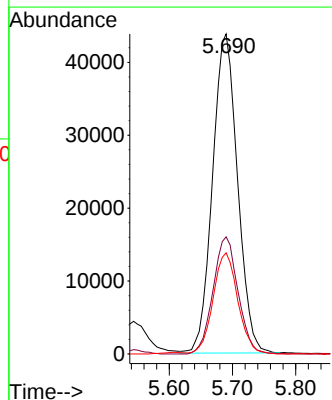
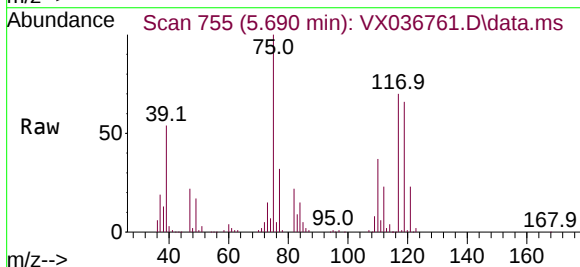
RT: 5.690 min Scan# 755

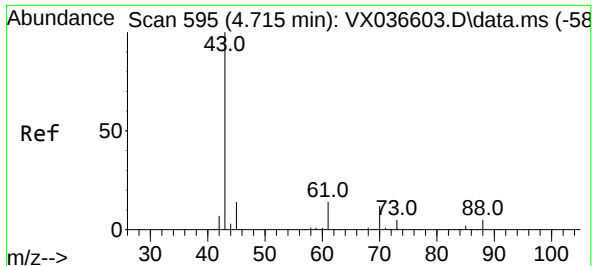
Delta R.T. -0.006 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Tgt Ion:	75	Resp:	120145
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.0	50.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 47.002 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 137880

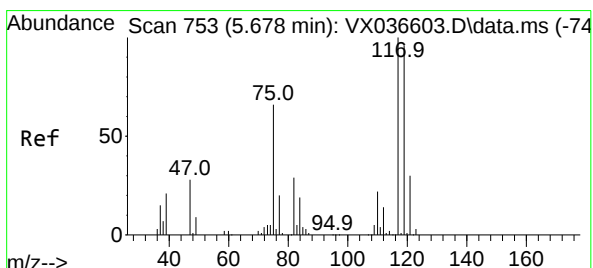
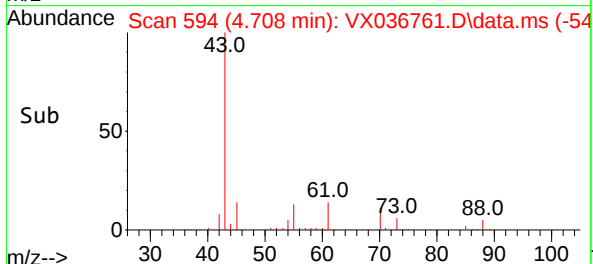
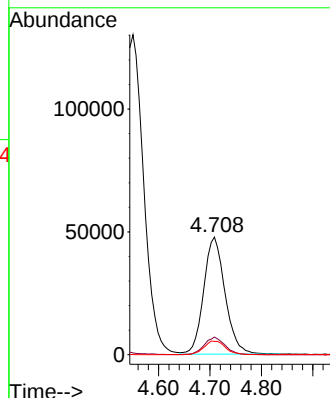
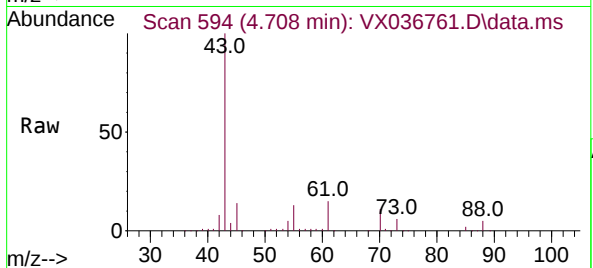
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	16.0
70	11.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#38

Carbon Tetrachloride

Concen: 49.230 ug/l

RT: 5.672 min Scan# 752

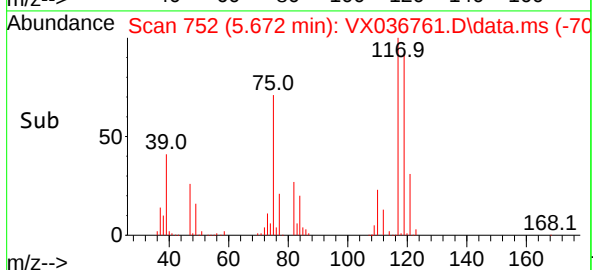
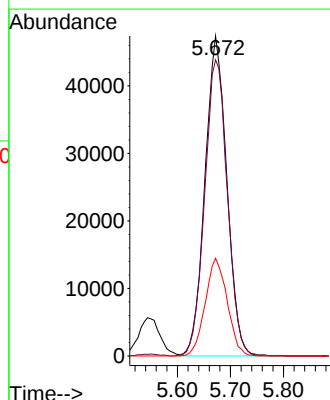
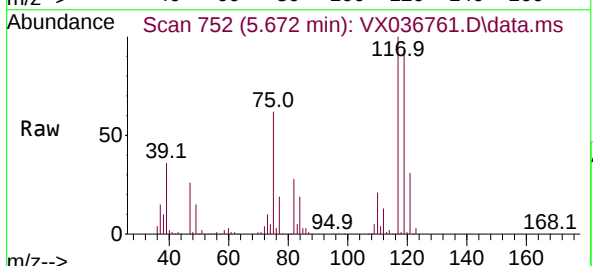
Delta R.T. -0.006 min

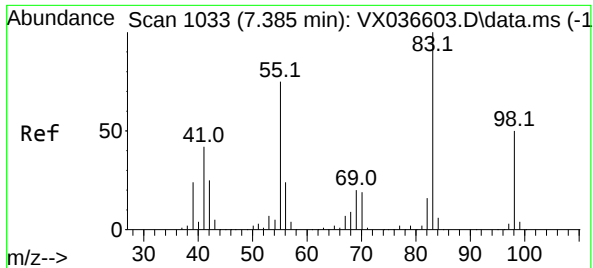
Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Tgt Ion:117 Resp: 135654

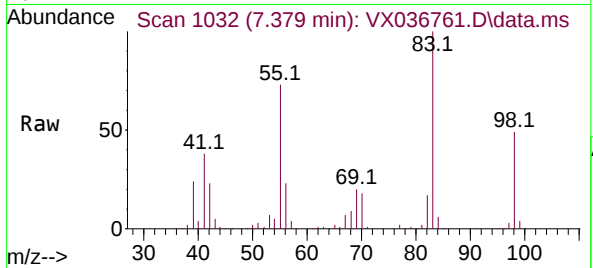
Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.2	117.2
121	30.5	24.4	36.6





#39
Methylcyclohexane
Concen: 46.401 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

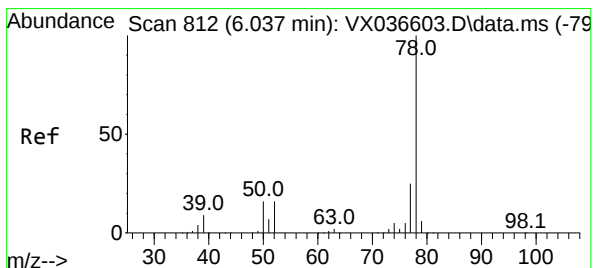
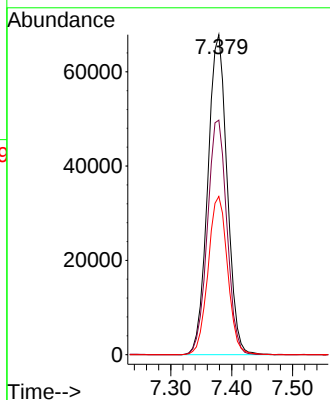
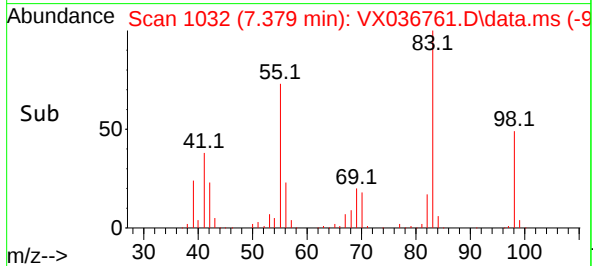
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14954
Ion Ratio Lower Upper
83 100
55 73.3 64.6 97.0
98 49.5 36.7 55.1

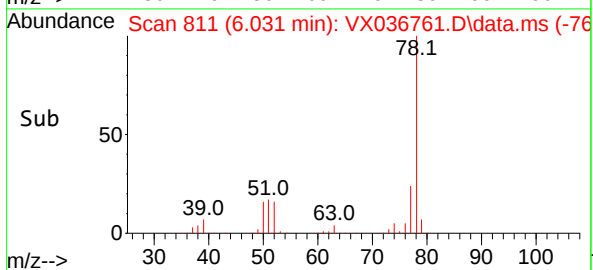
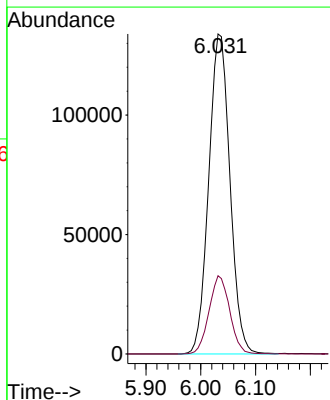
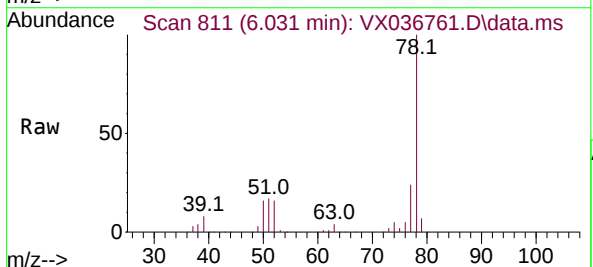
Manual Integrations
APPROVED

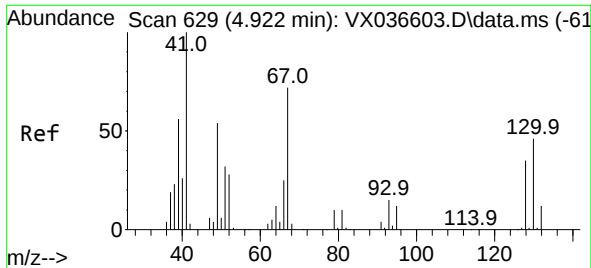
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#40
Benzene
Concen: 47.680 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 78 Resp: 359553
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





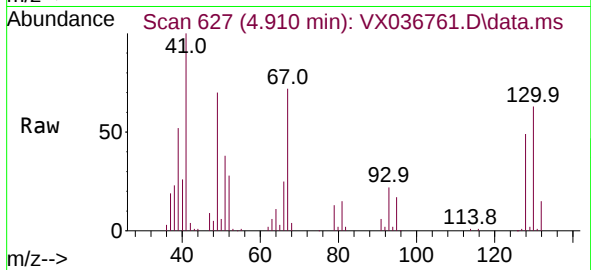
#41
Methacrylonitrile
Concen: 48.291 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



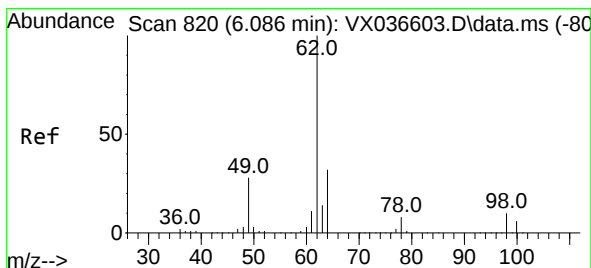
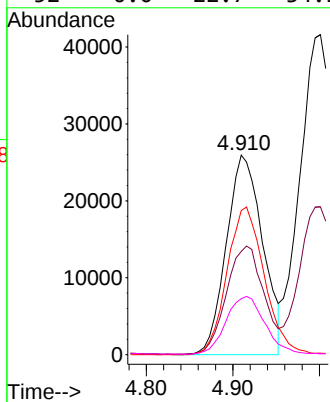
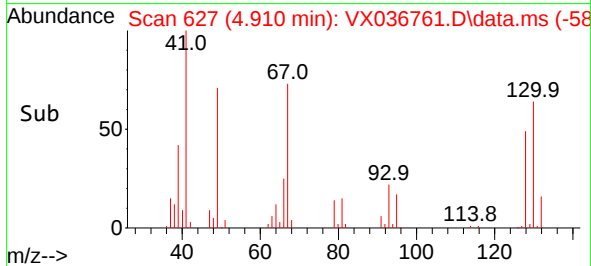
Tgt Ion: 41 Resp: 75770
Ion Ratio Lower Upper
41 100
39 55.9 45.2 67.8
67 76.4 52.6 78.8
52 0.0 22.7 34.1#

Manual Integrations

APPROVED

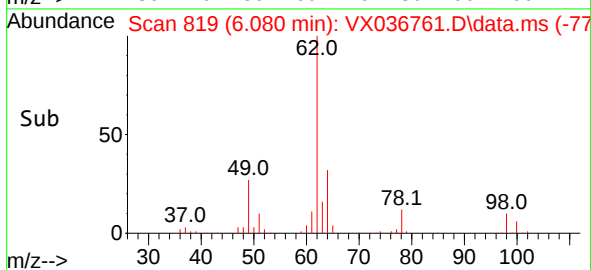
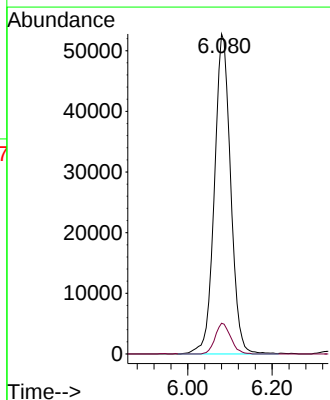
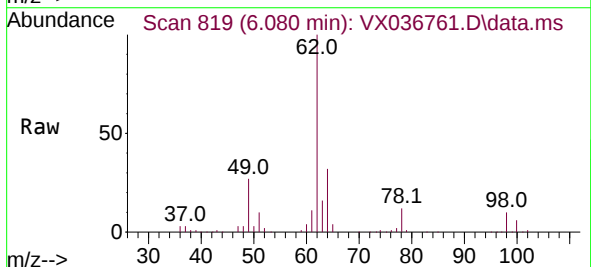
Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#42
1,2-Dichloroethane
Concen: 51.095 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

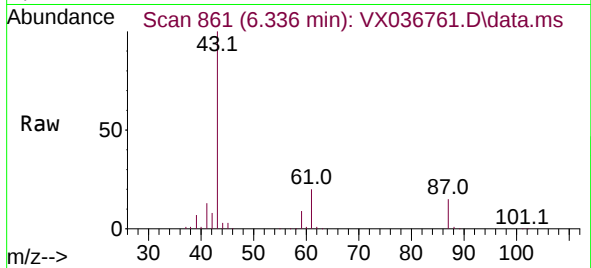
Tgt Ion: 62 Resp: 140874
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.056 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

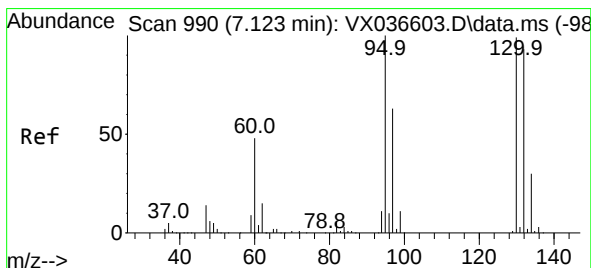
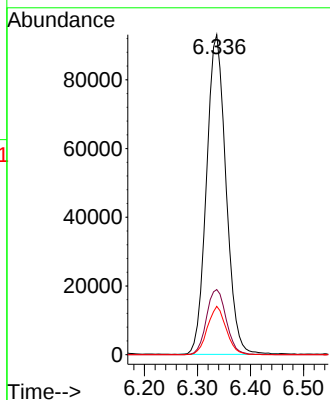
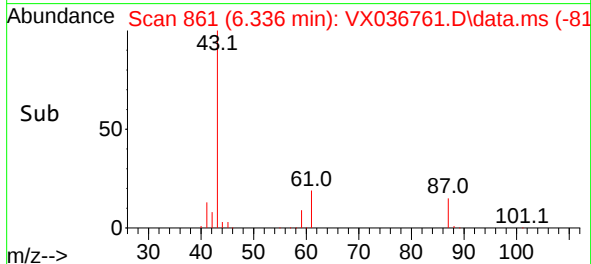
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 237624
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.5 9.8 14.6

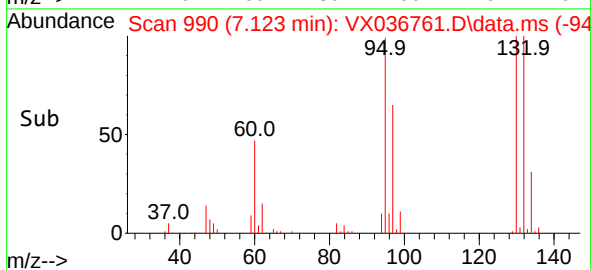
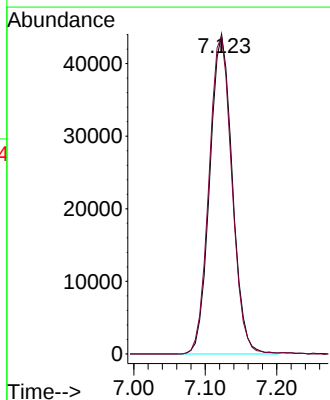
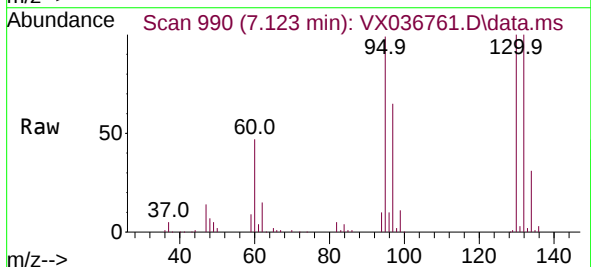
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#44
Trichloroethene
Concen: 48.924 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion:130 Resp: 96435
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.814 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9828

Ion Ratio Lower Upper

63 100

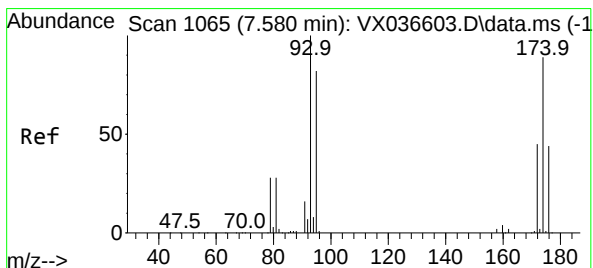
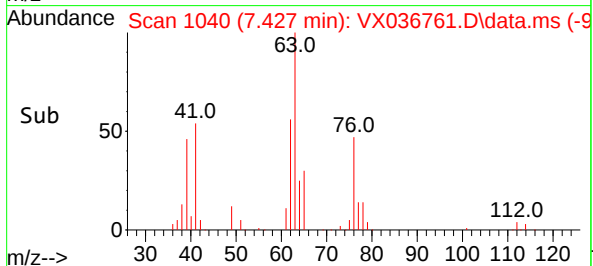
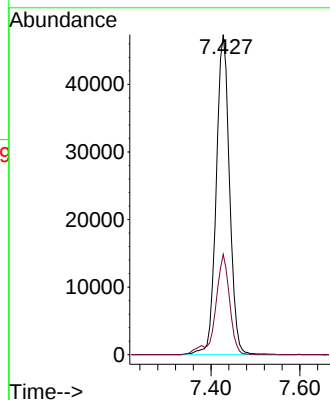
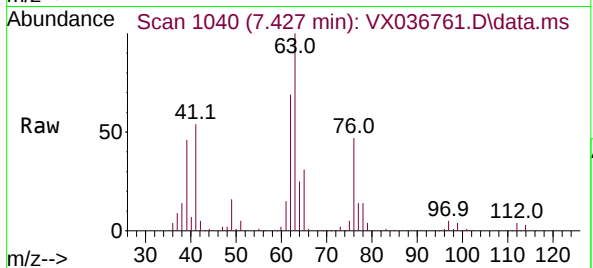
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#46

Dibromomethane

Concen: 50.248 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

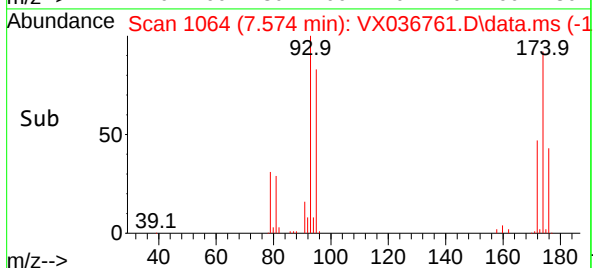
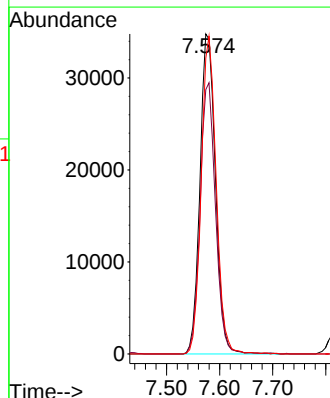
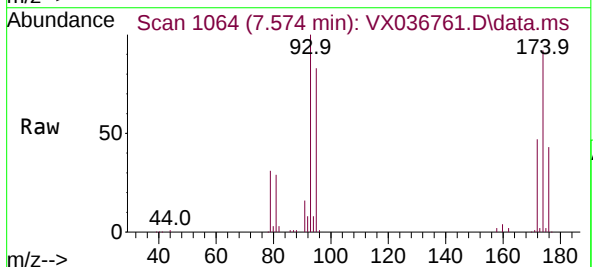
Tgt Ion: 93 Resp: 70804

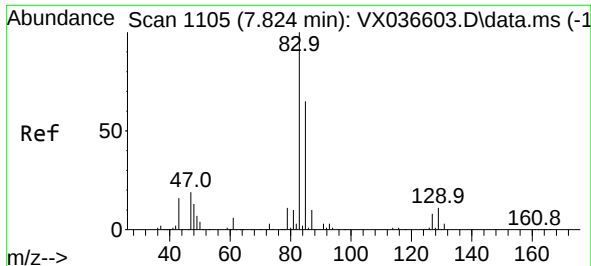
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

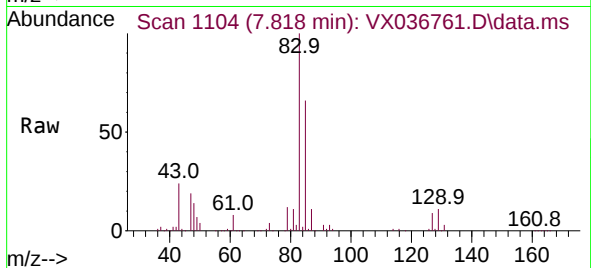
174 95.8 69.4 104.0





#47
Bromodichloromethane
Concen: 50.460 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

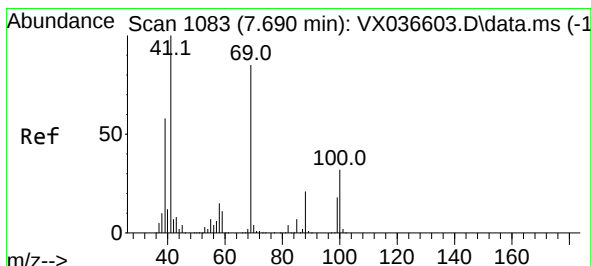
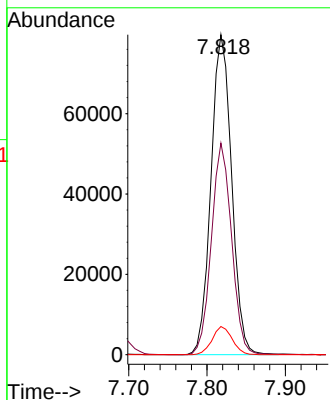
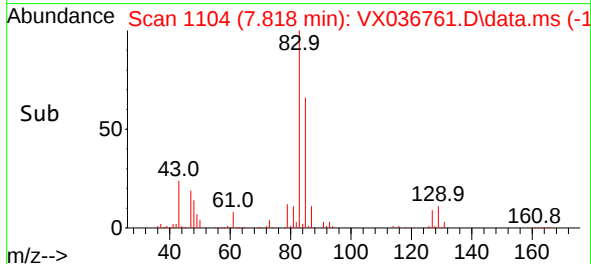
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14594
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.6
127 8.8 7.1 10.7

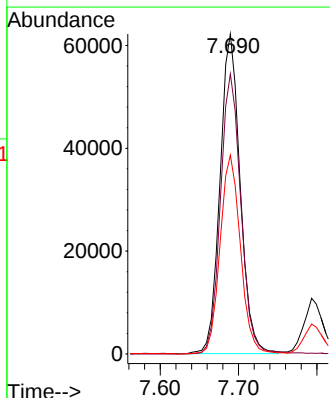
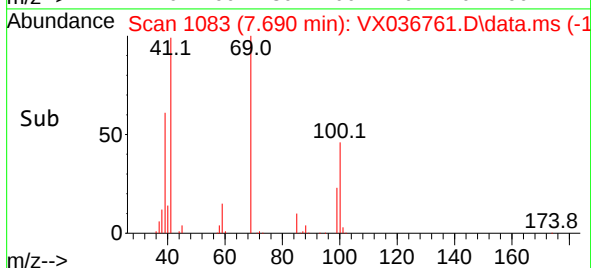
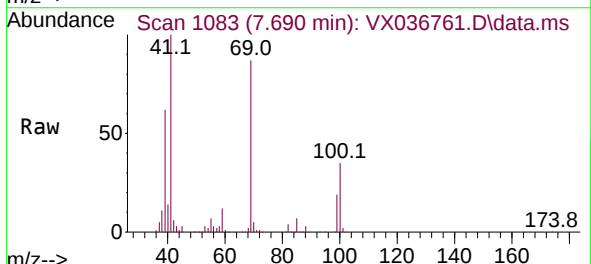
Manual Integrations
APPROVED

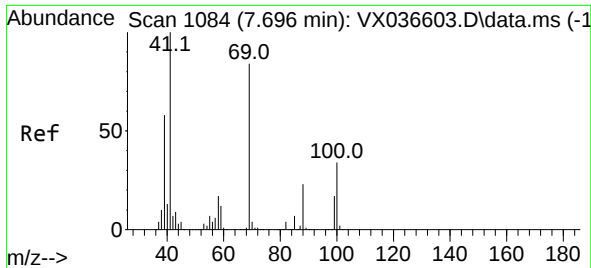
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#48
Methyl methacrylate
Concen: 47.421 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 41 Resp: 111366
Ion Ratio Lower Upper
41 100
69 89.1 59.2 88.8#
39 62.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1004.285 ug/l

RT: 7.653 min Scan# 1084

Delta R.T. -0.043 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

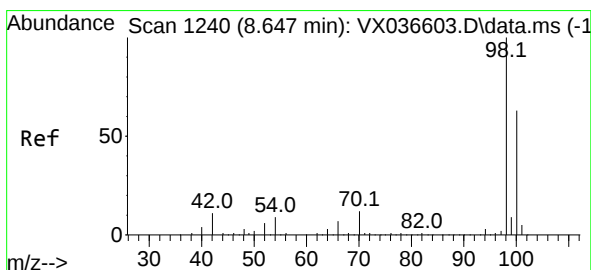
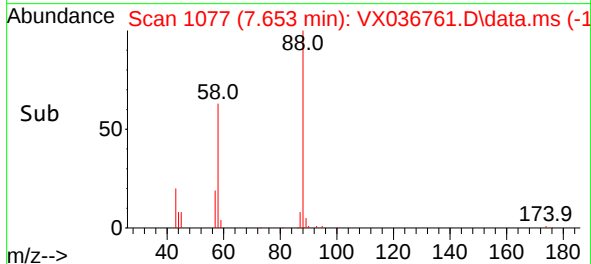
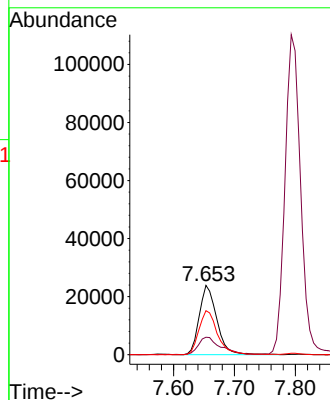
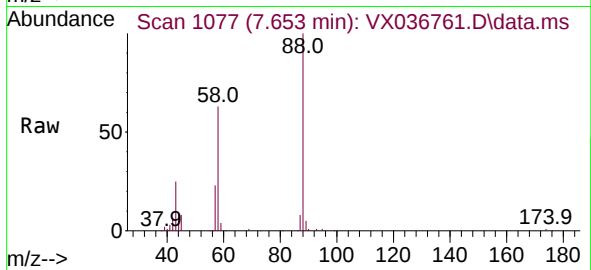
Tgt Ion: 88 Resp: 47640
 Ion Ratio Lower Upper
 88 100
 43 31.3 0.0 0.0
 58 67.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#50

Toluene-d8

Concen: 47.900 ug/l

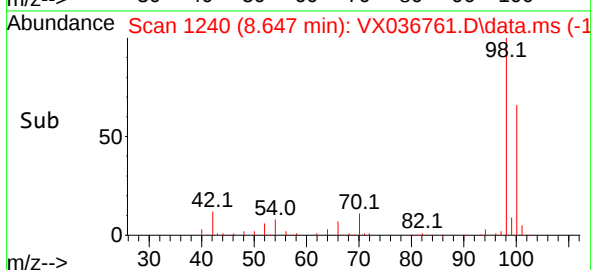
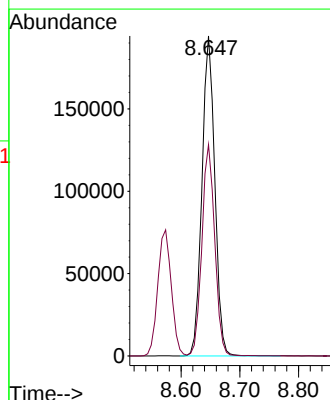
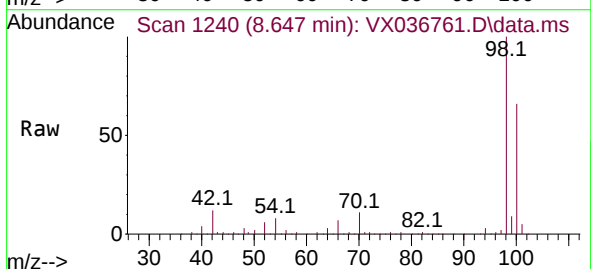
RT: 8.647 min Scan# 1240

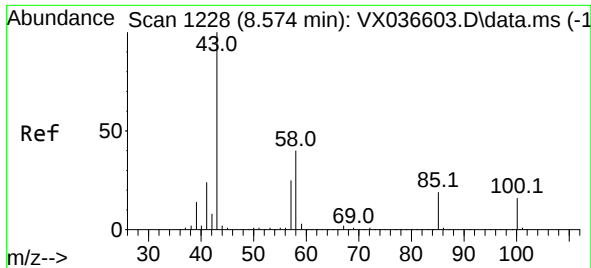
Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Tgt Ion: 98 Resp: 295384
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7





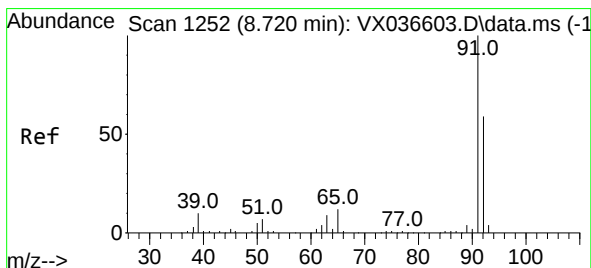
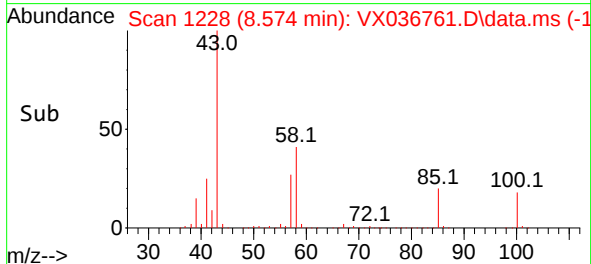
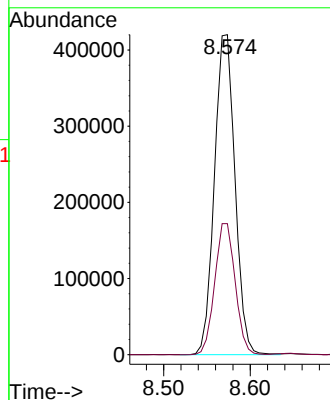
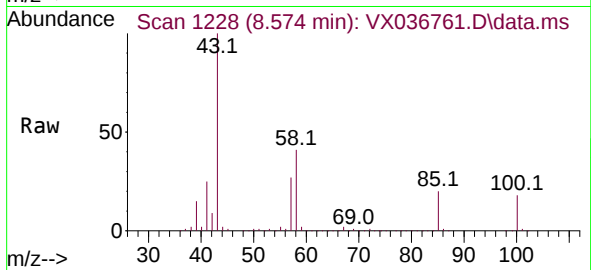
#51
4-Methyl-2-Pentanone
Concen: 248.163 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 693502
Ion Ratio Lower Upper
43 100
58 40.8 30.4 45.6

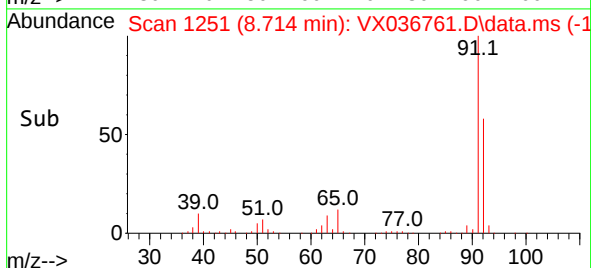
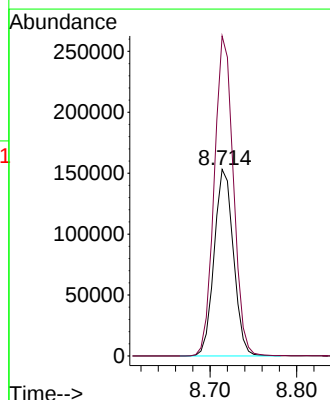
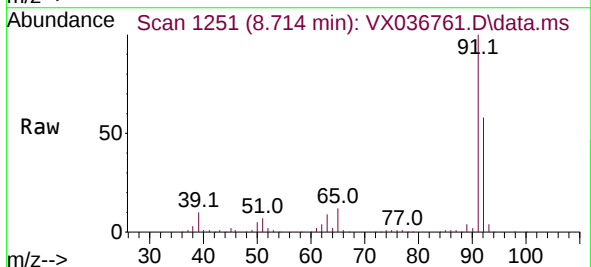
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#52
Toluene
Concen: 50.044 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 92 Resp: 236460
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.199 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

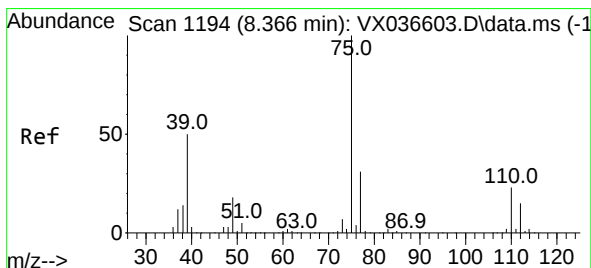
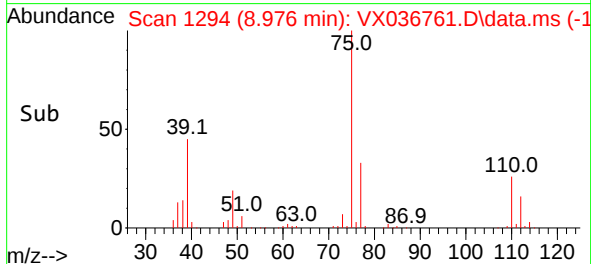
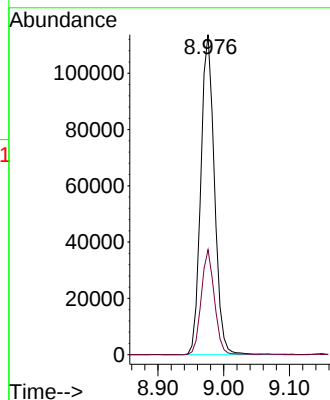
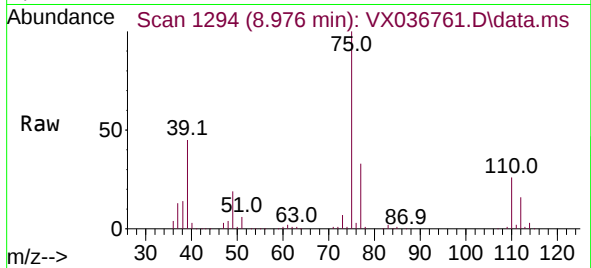
VSTDCCC050

Tgt Ion: 75 Resp: 16410
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5

Manual Integrations

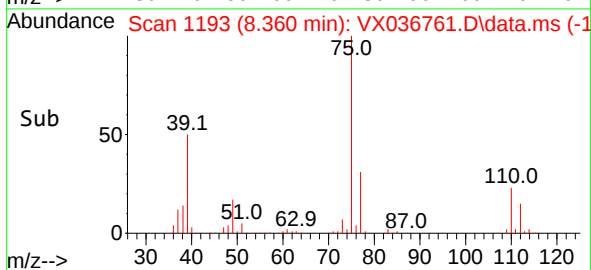
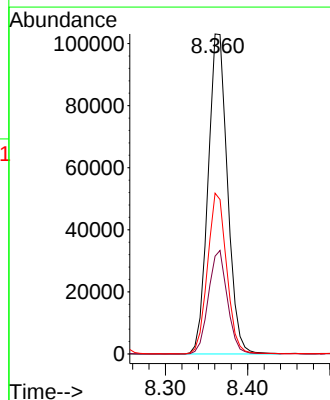
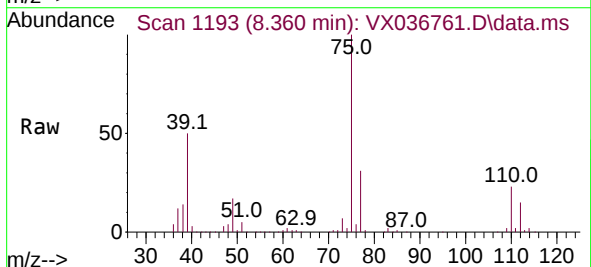
APPROVED

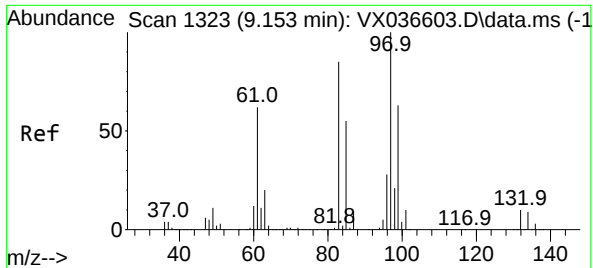
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#54
cis-1,3-Dichloropropene
Concen: 49.006 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

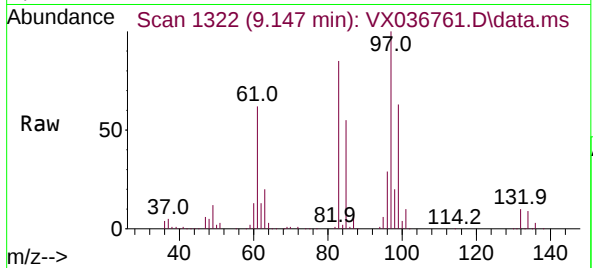
Tgt Ion: 75 Resp: 169049
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 50.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.611 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

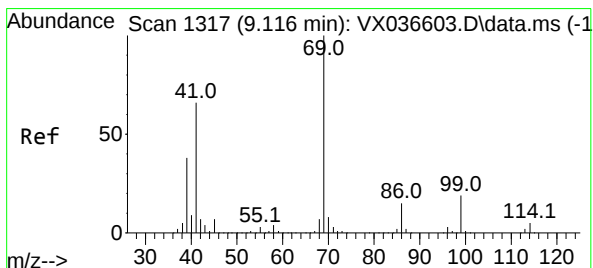
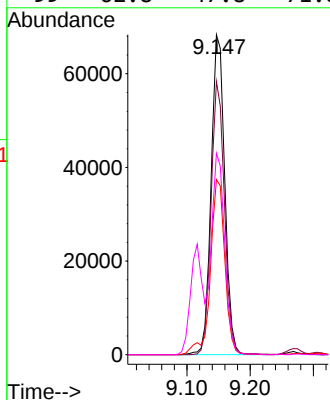
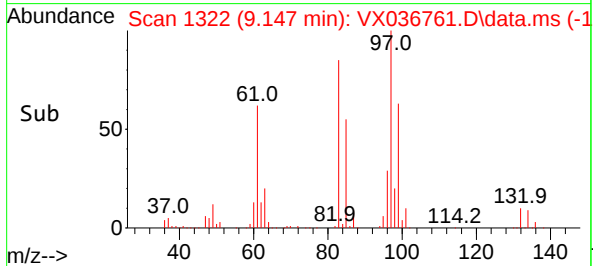
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 102510
Ion Ratio Lower Upper
97 100
83 85.3 65.8 98.8
85 54.7 41.6 62.4
99 62.8 47.8 71.8

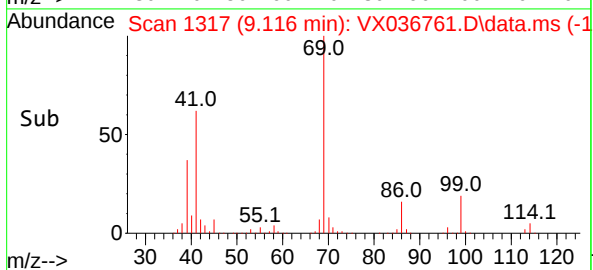
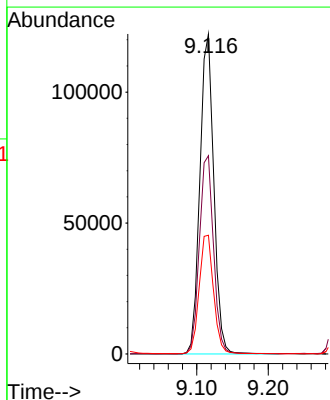
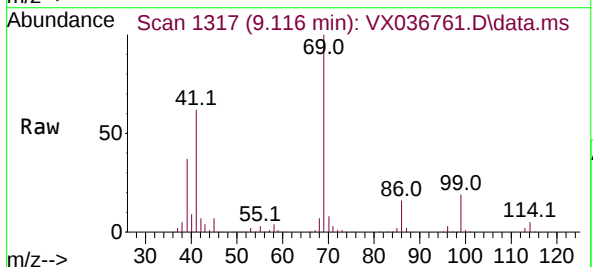
Manual Integrations
APPROVED

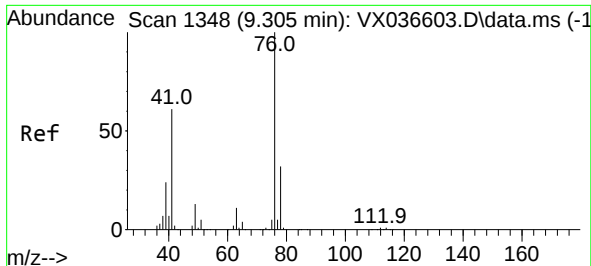
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#56
Ethyl methacrylate
Concen: 51.094 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 69 Resp: 165252
Ion Ratio Lower Upper
69 100
41 63.2 56.8 85.2
39 38.3 32.0 48.0





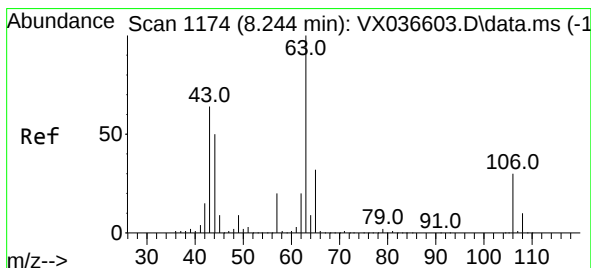
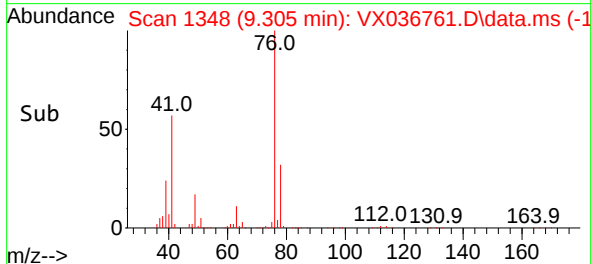
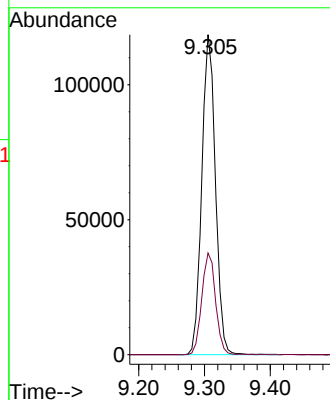
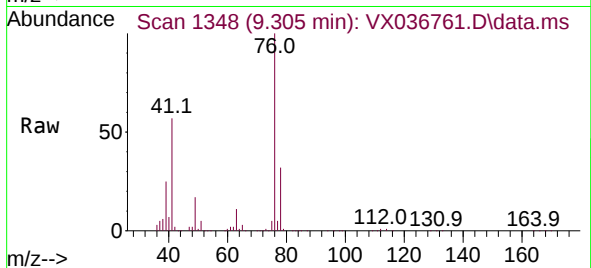
#57
1,3-Dichloropropane
Concen: 51.585 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 17065
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

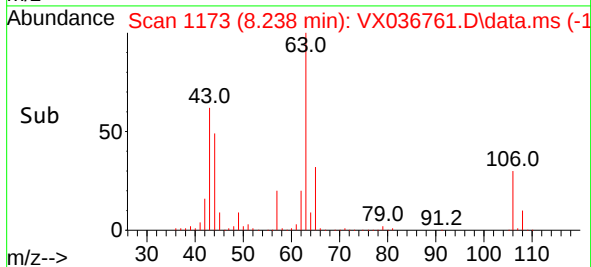
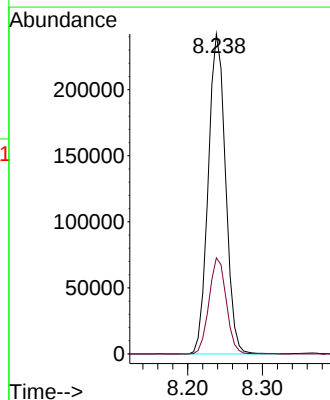
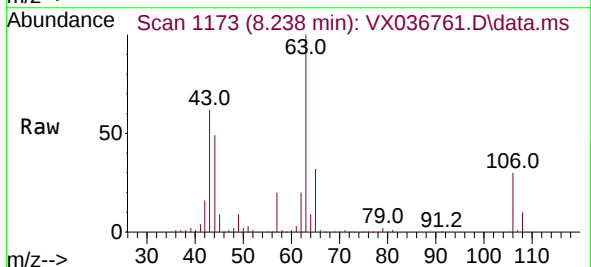
Manual Integrations
APPROVED

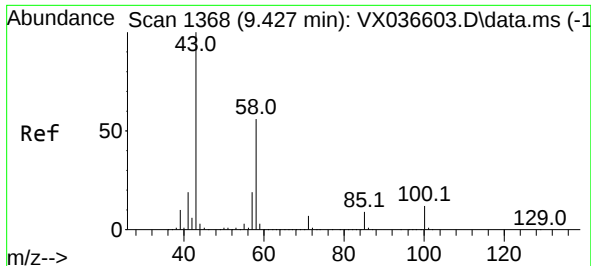
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 244.283 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 63 Resp: 389296
Ion Ratio Lower Upper
63 100
106 29.9 22.5 33.7





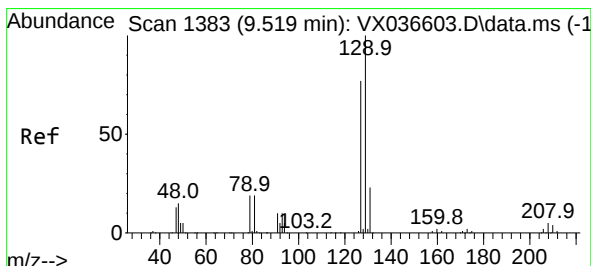
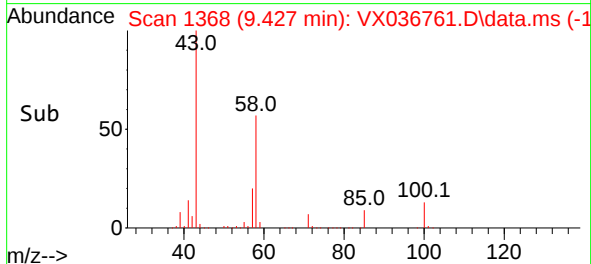
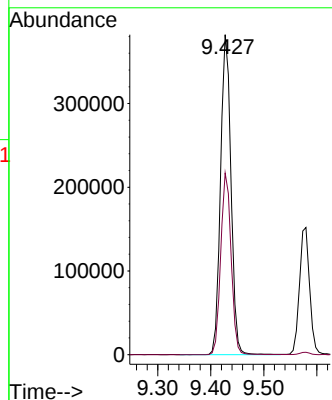
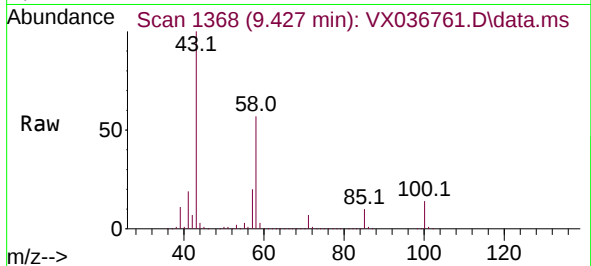
#59
2-Hexanone
Concen: 251.482 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 521579
Ion Ratio Lower Upper
43 100
58 56.6 26.2 78.5

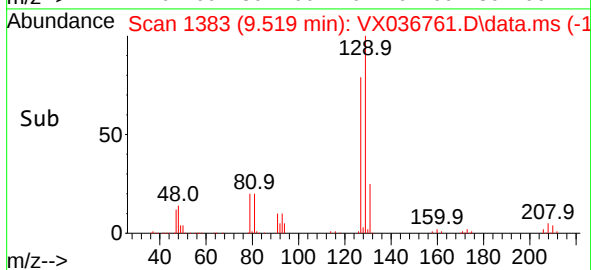
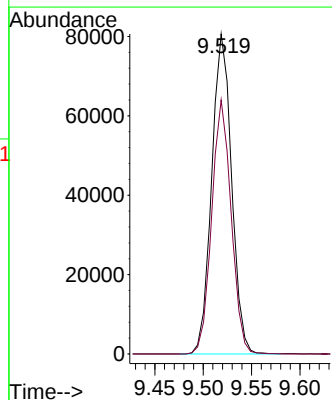
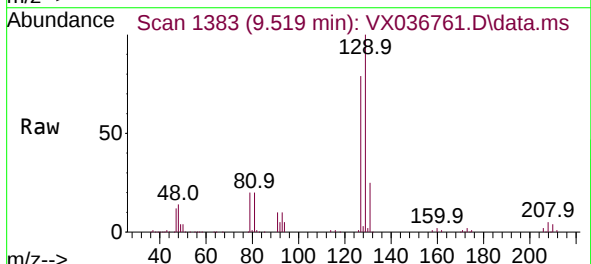
Manual Integrations
APPROVED

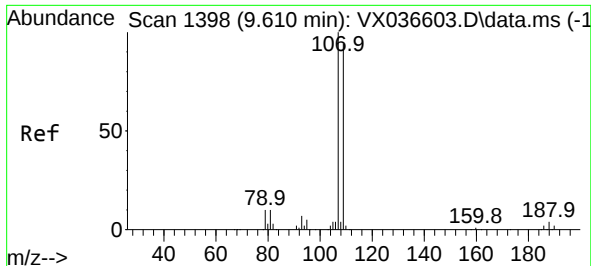
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#60
Dibromochloromethane
Concen: 52.809 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion:129 Resp: 115285
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.257 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

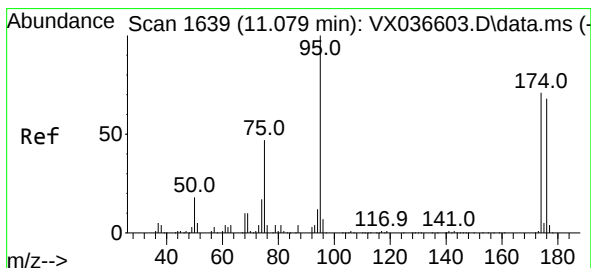
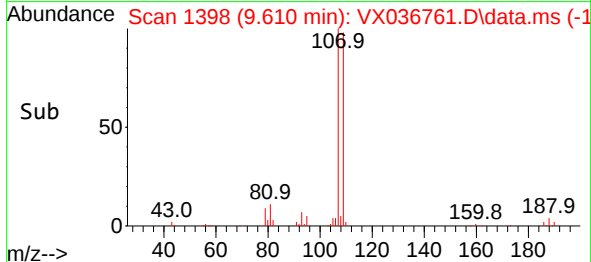
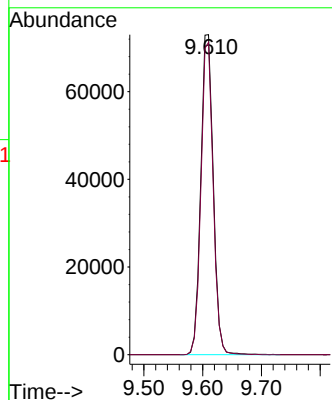
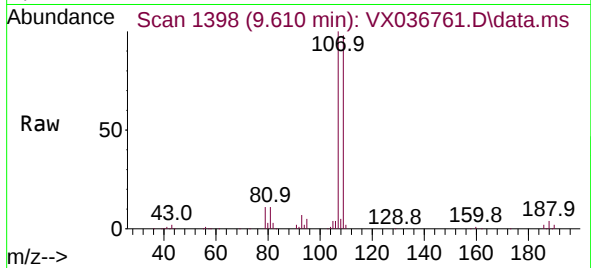
Tgt Ion:107 Resp: 107572
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

Manual Integrations

APPROVED

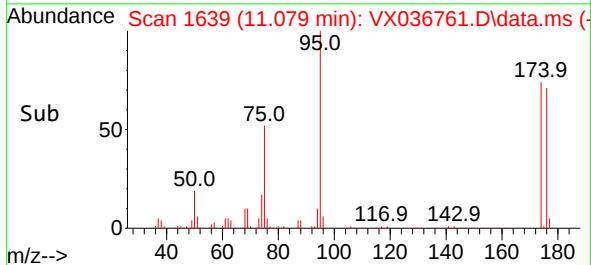
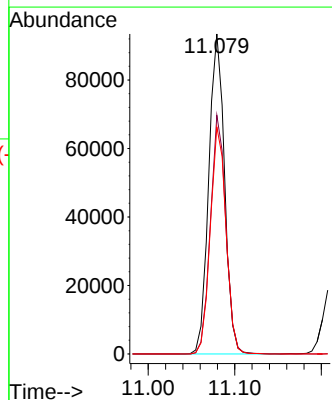
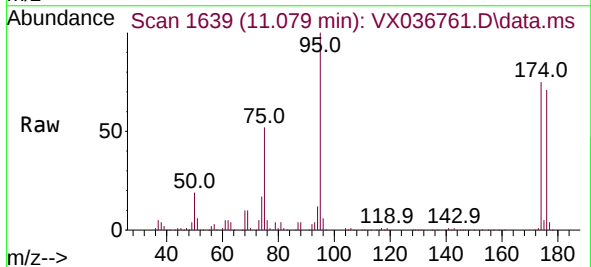
Reviewed By :John Carlone 08/03/2023

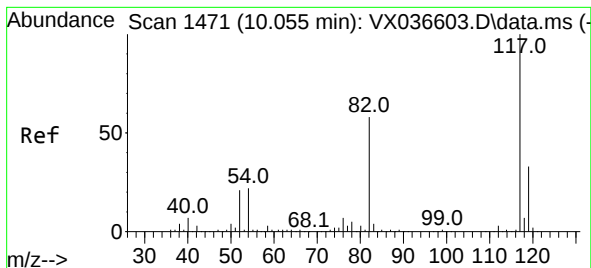
Supervised By :Semsettin Yesilyurt 08/03/2023



#62
4-Bromofluorobenzene
Concen: 50.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

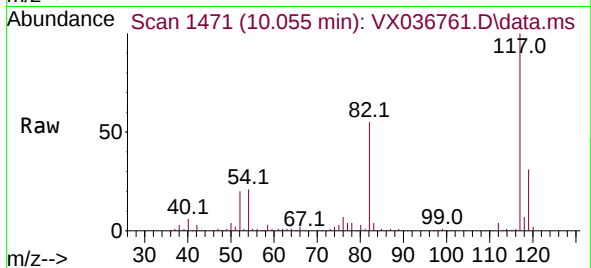
Tgt Ion: 95 Resp: 118145
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

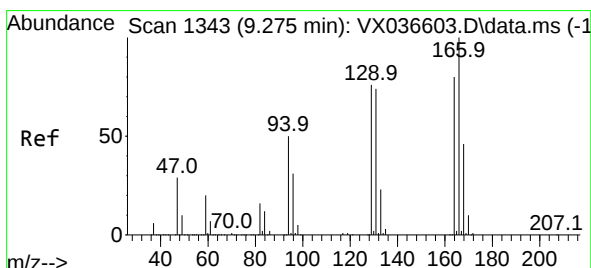
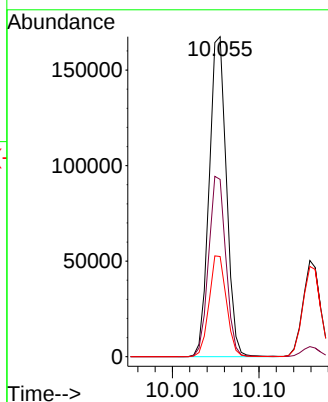
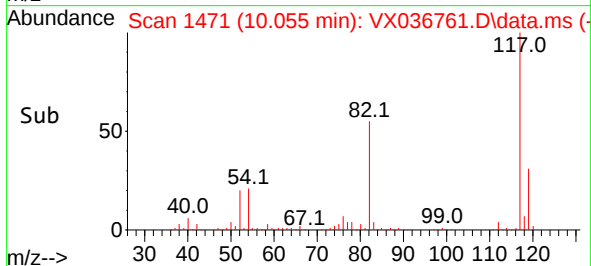
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 231380
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.3 25.5 38.3

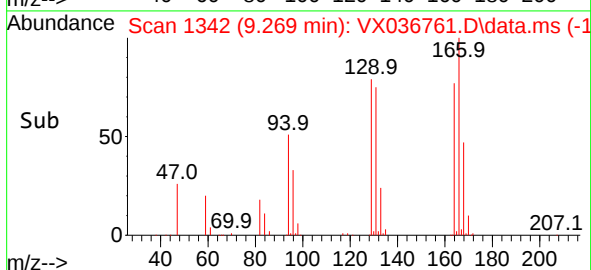
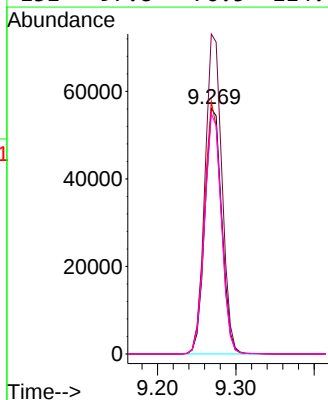
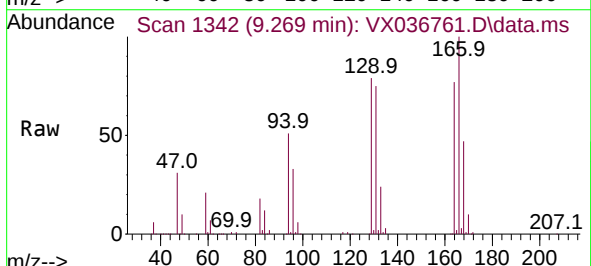
Manual Integrations
APPROVED

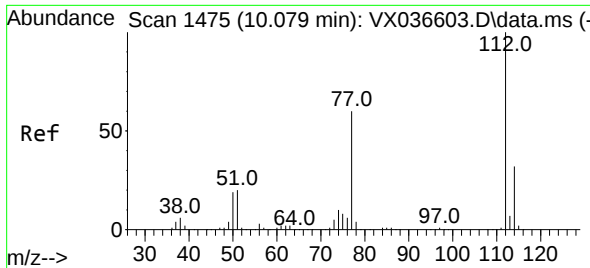
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#64
Tetrachloroethene
Concen: 48.744 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

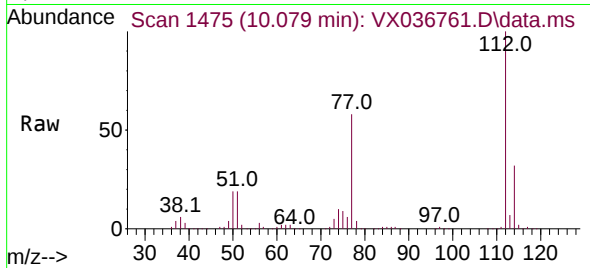
Tgt Ion:164 Resp: 84124
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 102.7 80.4 120.6
131 97.8 76.5 114.7





#65
Chlorobenzene
Concen: 50.288 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

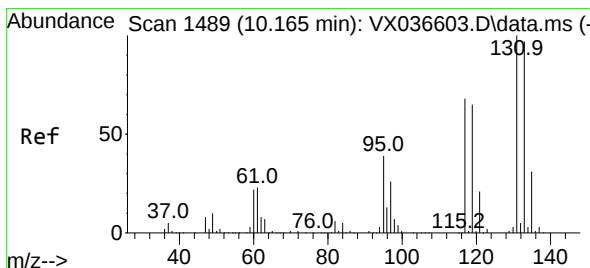
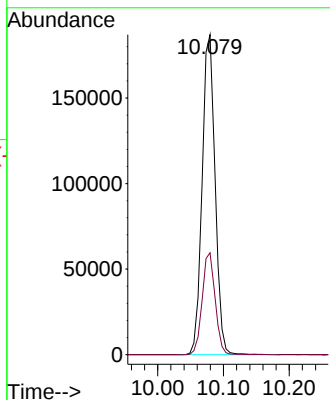
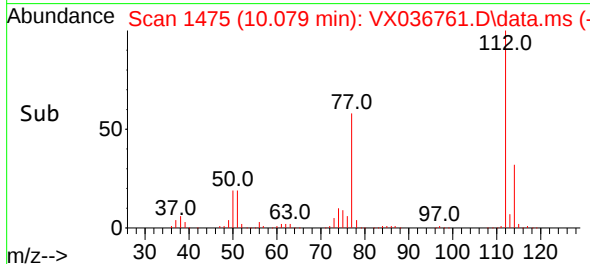
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



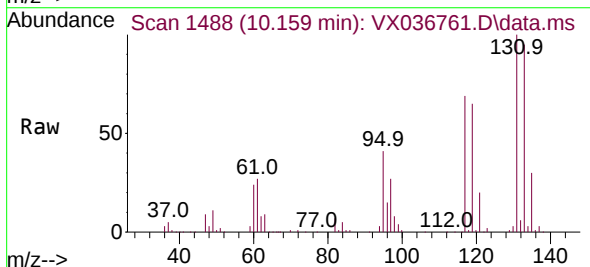
Tgt Ion:112 Resp: 256479
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

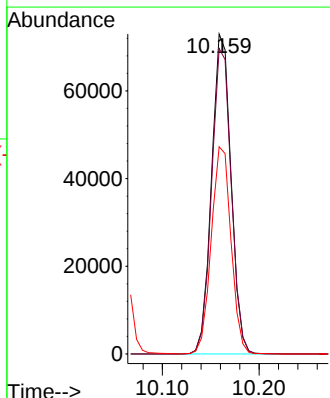
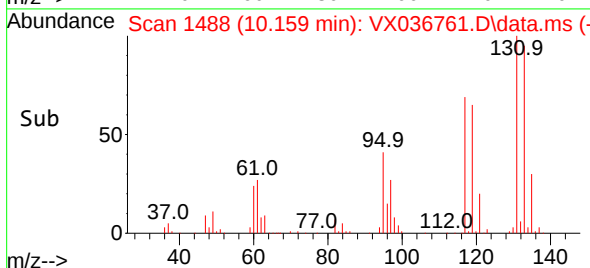
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

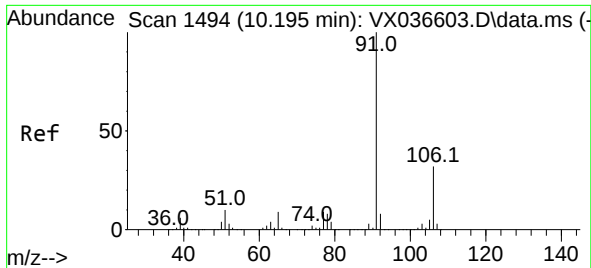


#66
1,1,1,2-Tetrachloroethane
Concen: 51.628 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



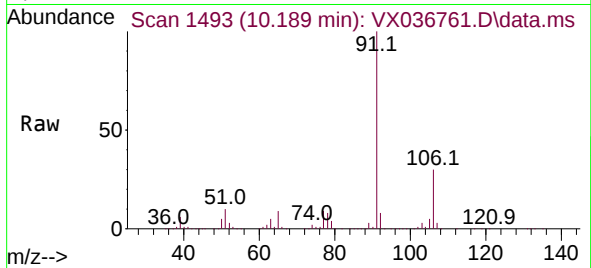
Tgt Ion:131 Resp: 101776
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 65.8 32.2 96.6





#67
Ethyl Benzene
Concen: 48.768 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

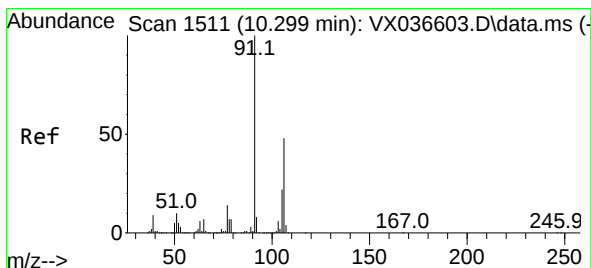
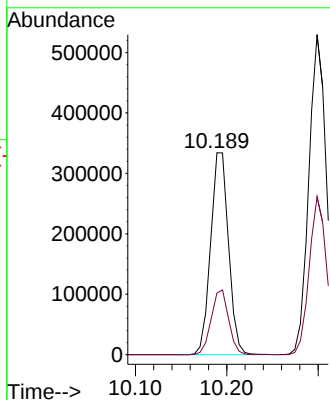
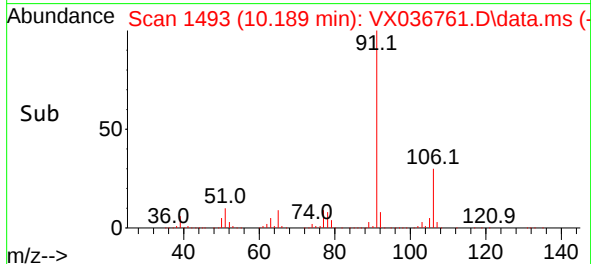
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



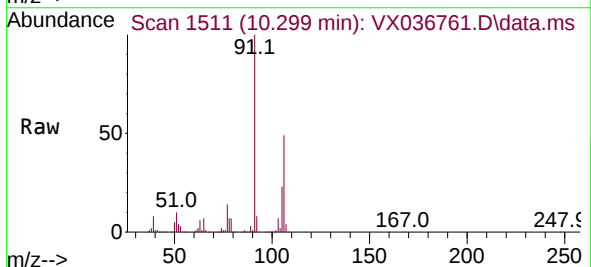
Tgt Ion: 91 Resp: 454388
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

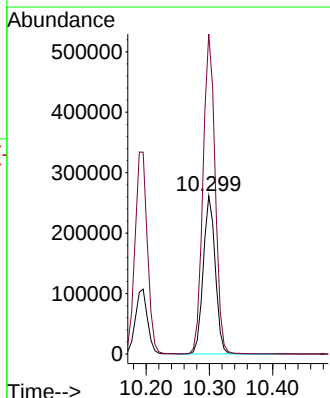
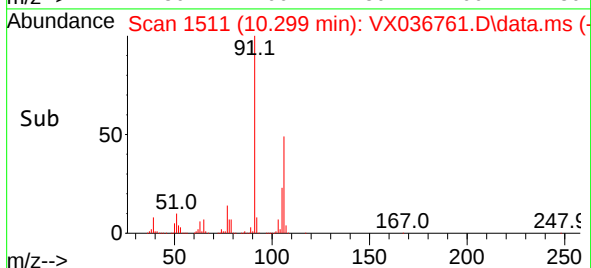
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

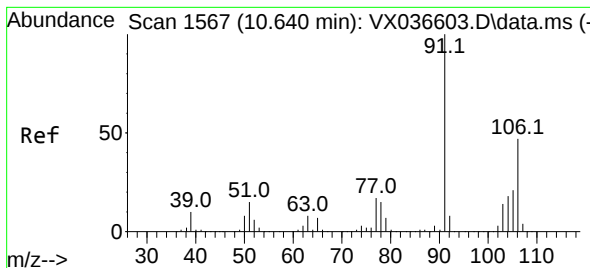


#68
m/p-Xylenes
Concen: 99.694 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



Tgt Ion:106 Resp: 346571
Ion Ratio Lower Upper
106 100
91 204.7 165.5 248.3





#69

o-Xylene

Concen: 49.621 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 172180

Ion Ratio Lower Upper

106 100

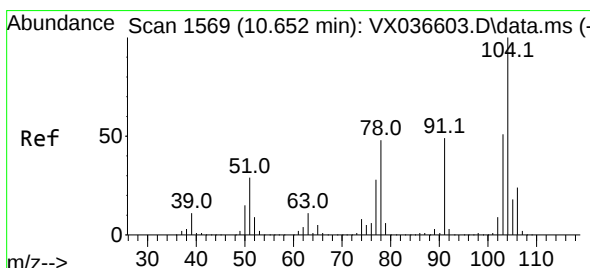
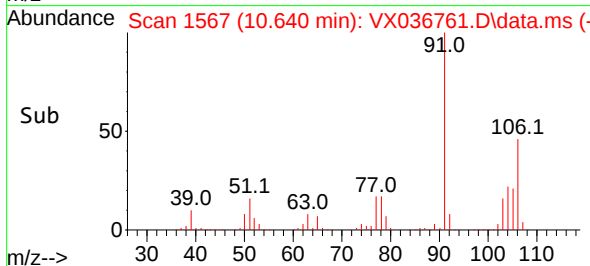
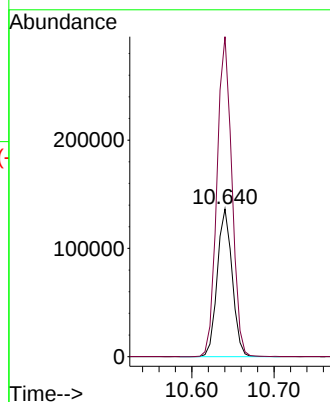
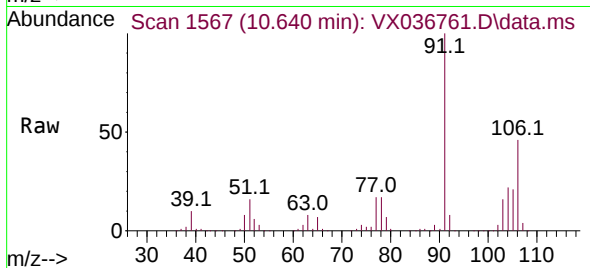
91 216.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#70

Styrene

Concen: 50.671 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

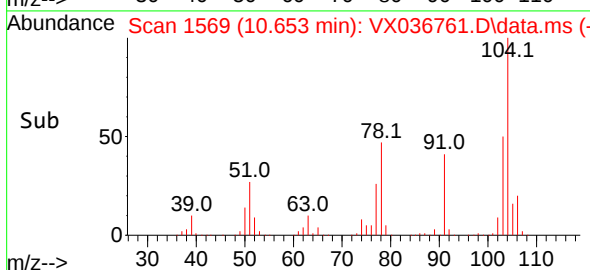
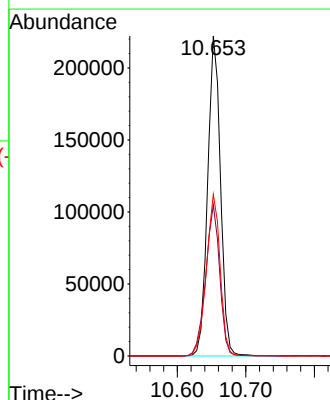
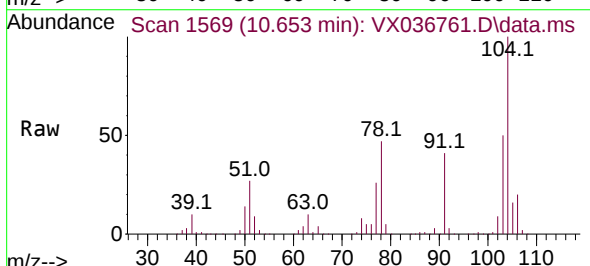
Tgt Ion:104 Resp: 290096

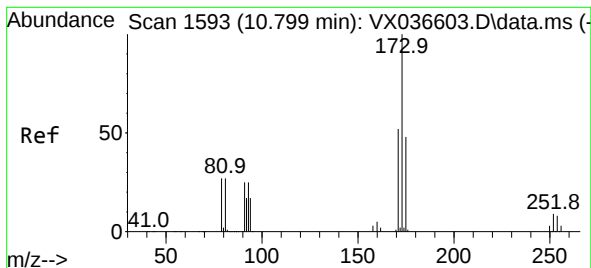
Ion Ratio Lower Upper

104 100

78 51.7 43.6 65.4

103 54.4 43.6 65.4





#71

Bromoform

Concen: 52.813 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

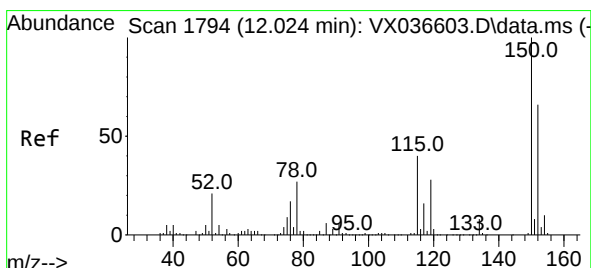
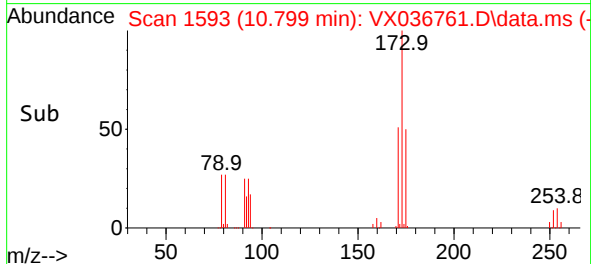
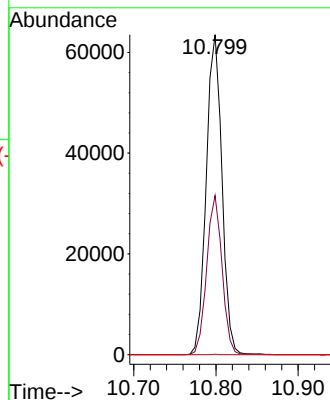
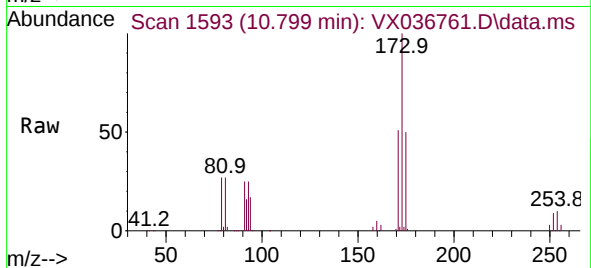
Tgt Ion:173	Resp:	8427
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

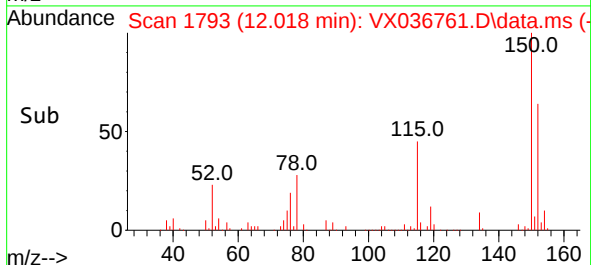
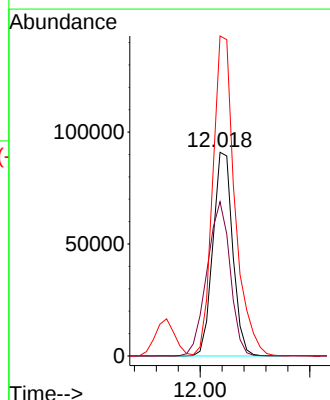
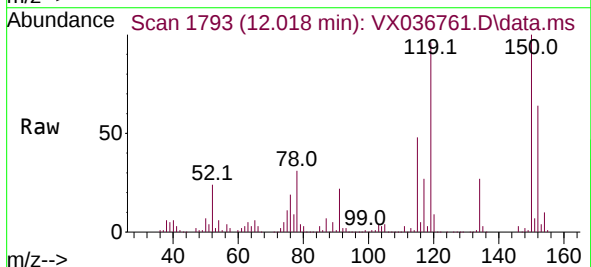
RT: 12.018 min Scan# 1793

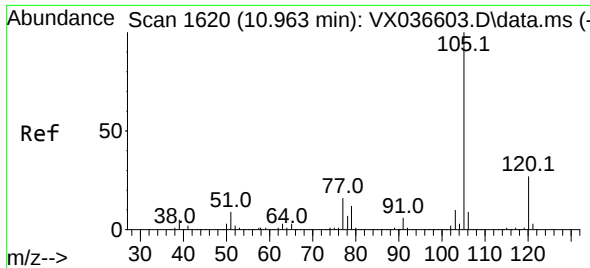
Delta R.T. -0.006 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

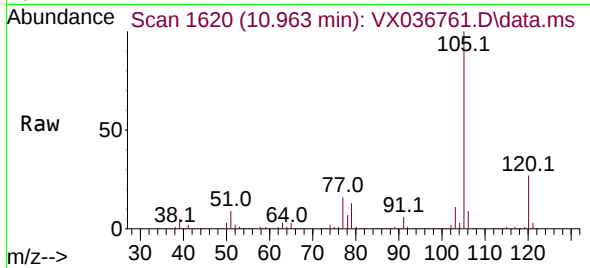
Tgt Ion:152	Resp:	114049
Ion Ratio	Lower	Upper
152	100	
115	89.0	43.3 129.9
150	174.9	0.0 345.0





#73
Isopropylbenzene
Concen: 48.161 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

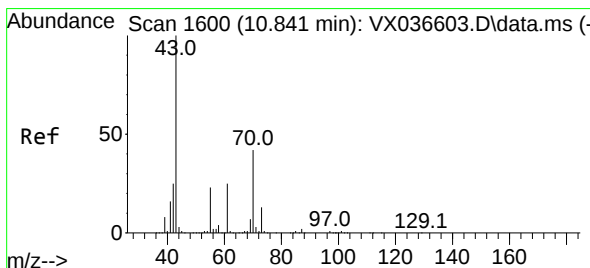
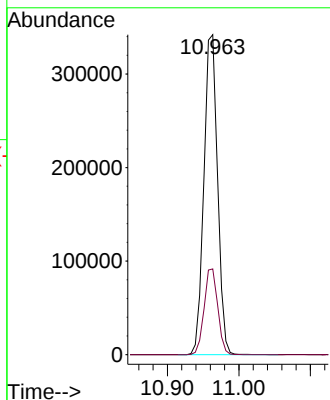
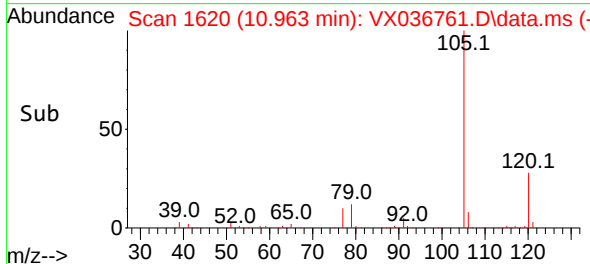
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



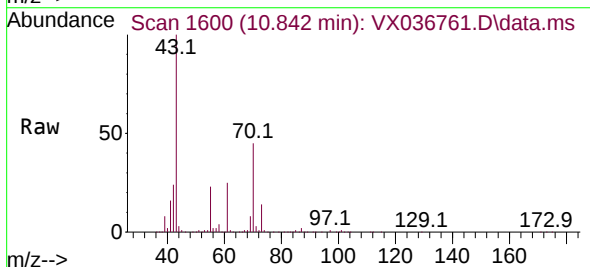
Tgt Ion:105 Resp: 45457
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

Manual Integrations
APPROVED

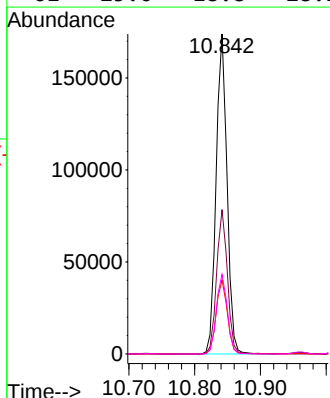
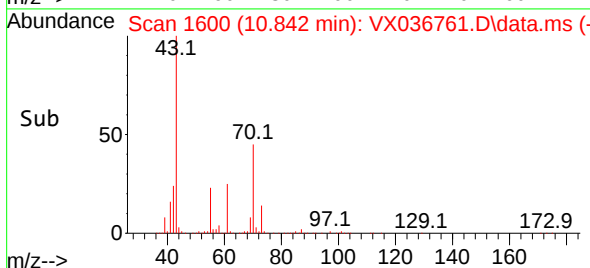
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#74
N-ethyl acetate
Concen: 45.526 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



Tgt Ion: 43 Resp: 200381
Ion Ratio Lower Upper
43 100
70 44.7 32.9 49.3
55 23.6 19.3 28.9
61 25.0 18.8 28.2





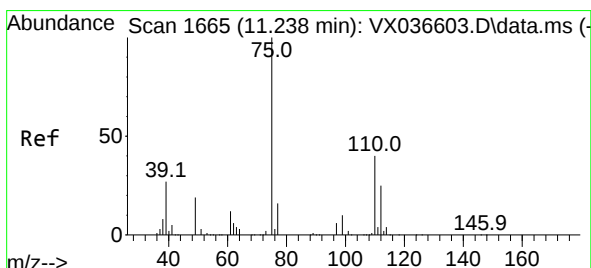
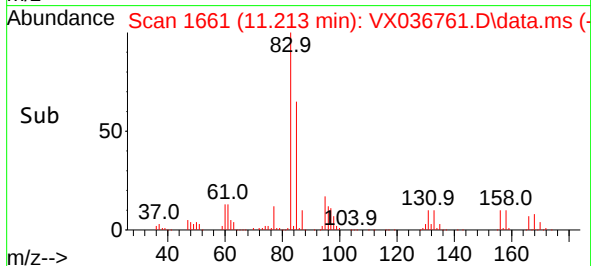
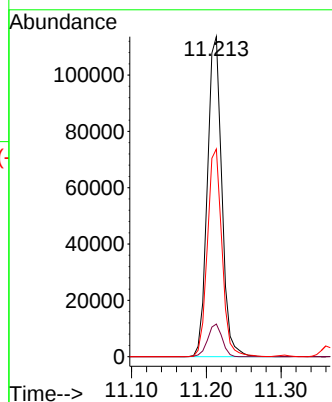
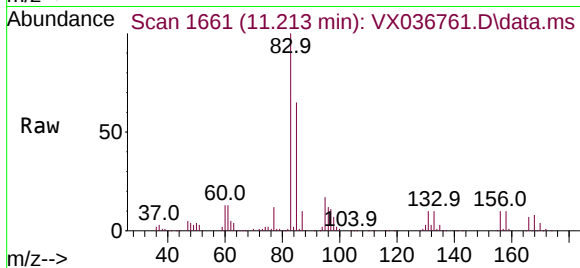
#75
1,1,2,2-Tetrachloroethane
Concen: 47.717 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 152115
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.2 32.0 96.2

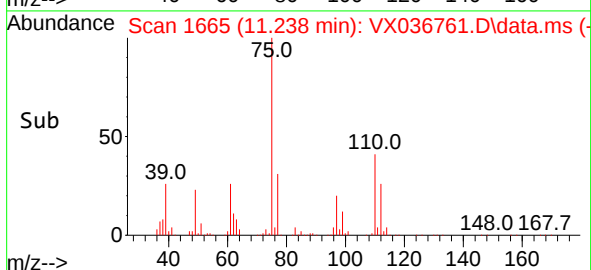
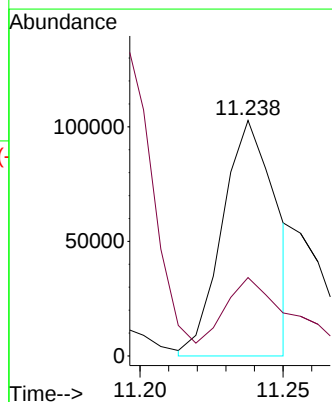
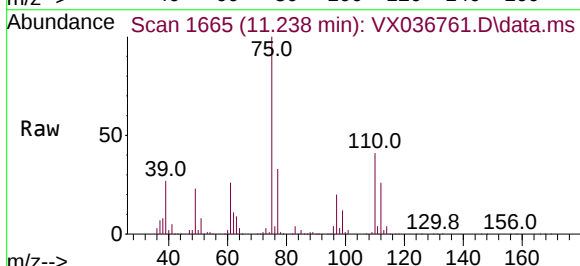
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#76
1,2,3-Trichloropropane
Concen: 50.020 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion: 75 Resp: 134182
Ion Ratio Lower Upper
75 100
77 43.0 19.1 57.5





#77

Bromobenzene

Concen: 49.525 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

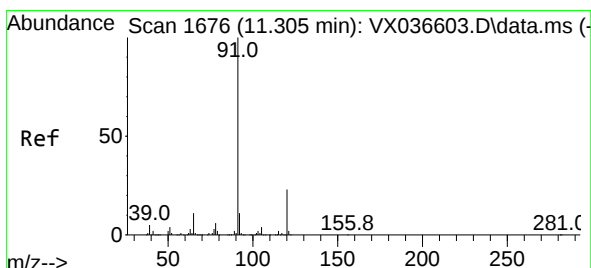
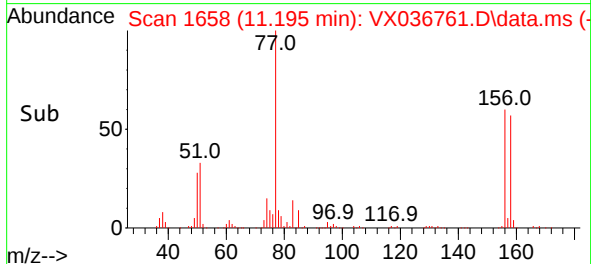
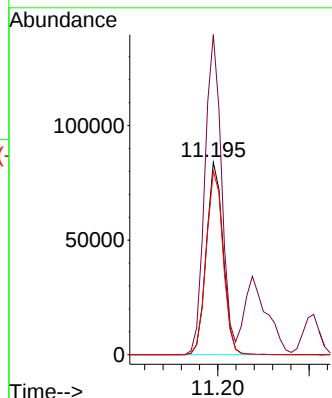
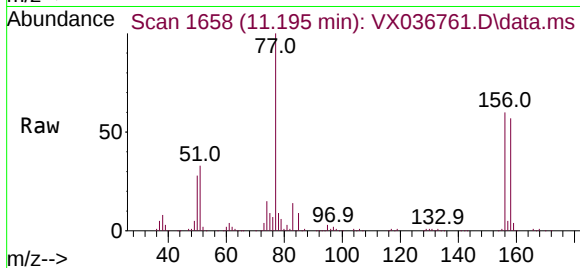
Tgt Ion:	156	Resp:	106454
Ion Ratio	Lower	Upper	
156	100		
77	167.0	88.4	265.3
158	96.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#78

n-propylbenzene

Concen: 48.964 ug/l

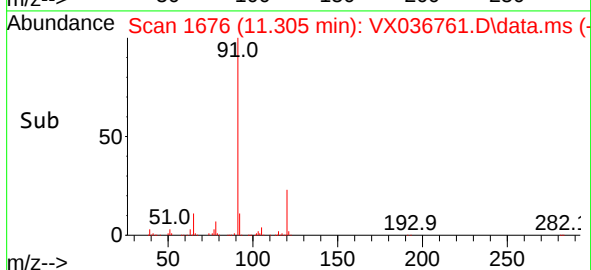
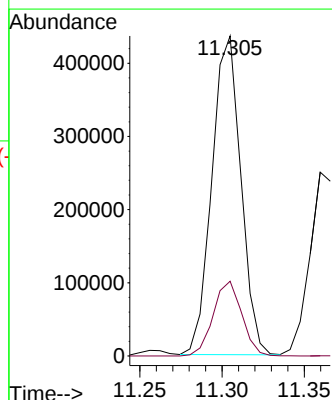
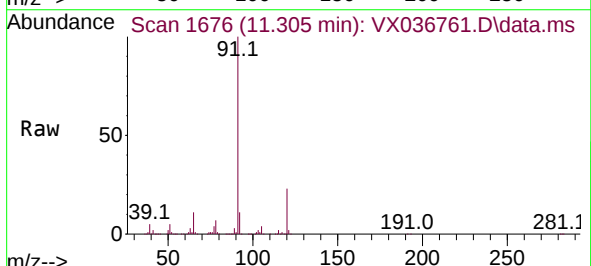
RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Tgt Ion:	91	Resp:	534480
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





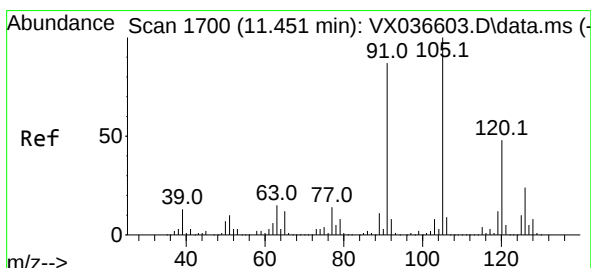
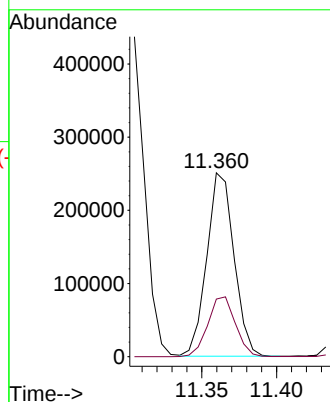
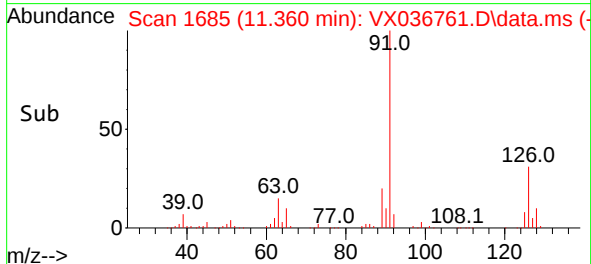
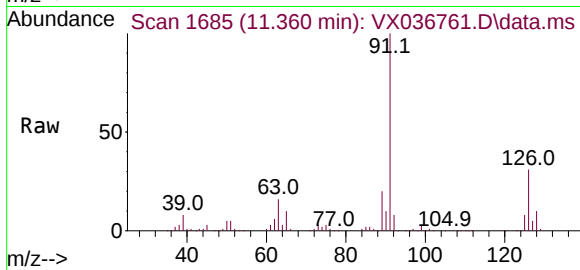
#79
2-Chlorotoluene
Concen: 47.953 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 317186
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

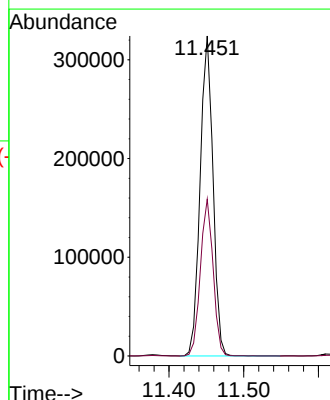
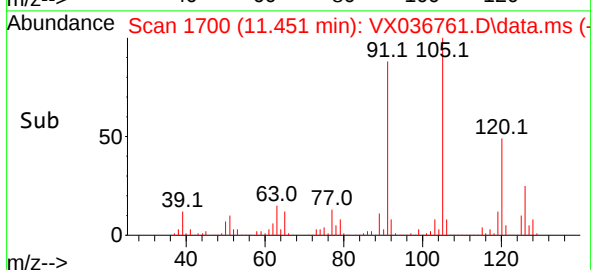
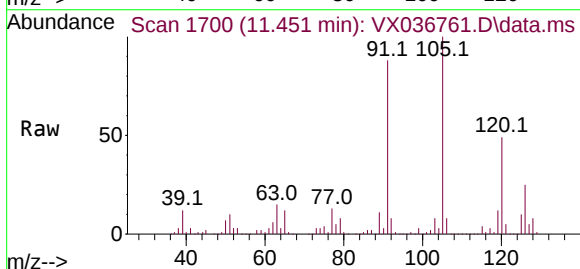
Manual Integrations
APPROVED

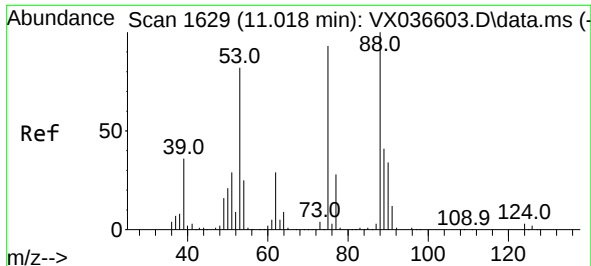
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion:105 Resp: 385857
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





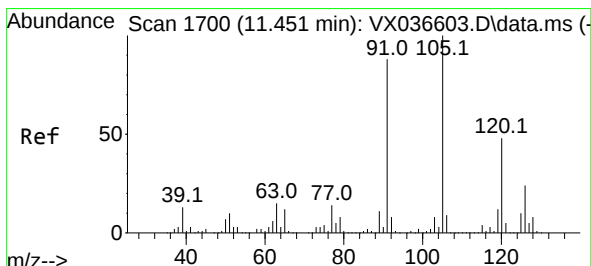
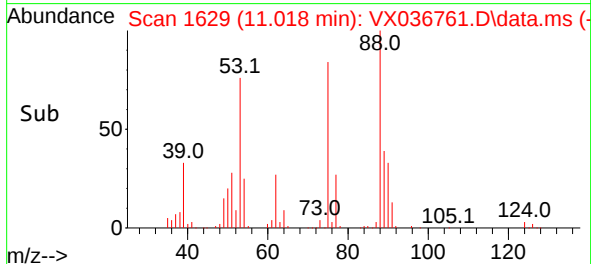
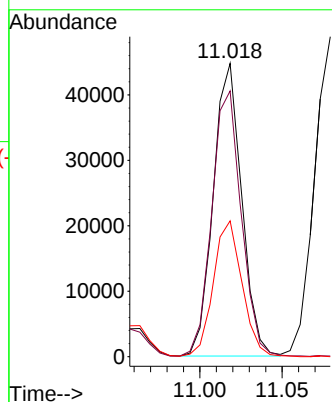
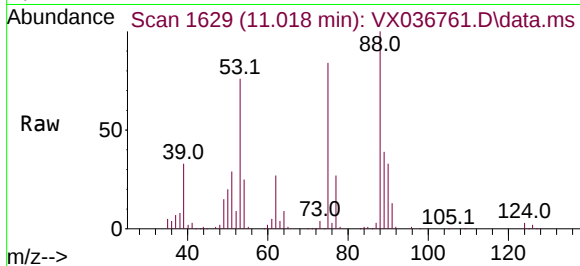
#81
trans-1,4-Dichloro-2-butene
Concen: 45.444 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5378
Ion Ratio Lower Upper
75 100
53 94.2 90.5 135.7
89 46.9 36.9 55.3

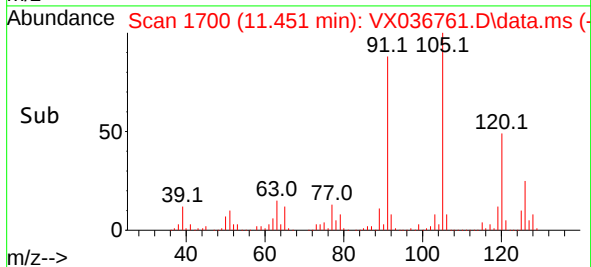
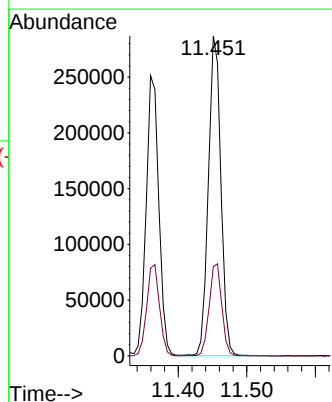
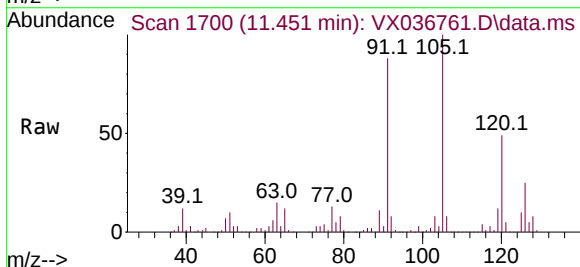
Manual Integrations
APPROVED

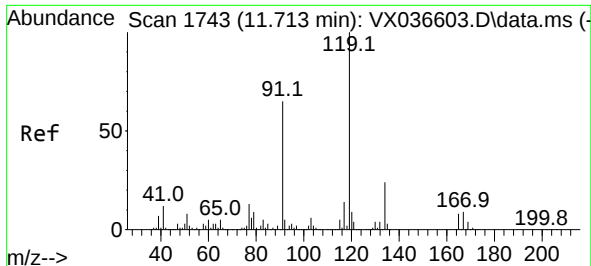
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#82
4-Chlorotoluene
Concen: 48.371 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

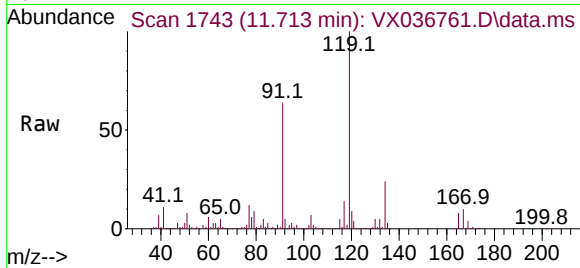
Tgt Ion: 91 Resp: 364557
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.871 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

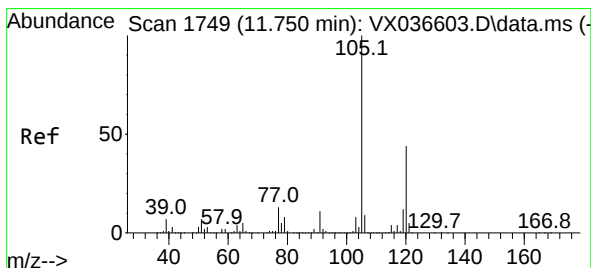
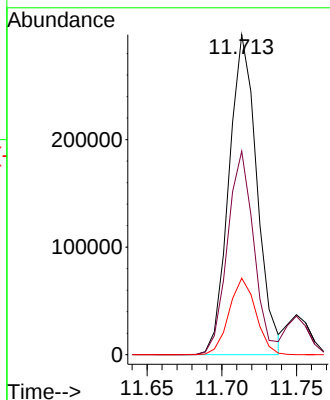
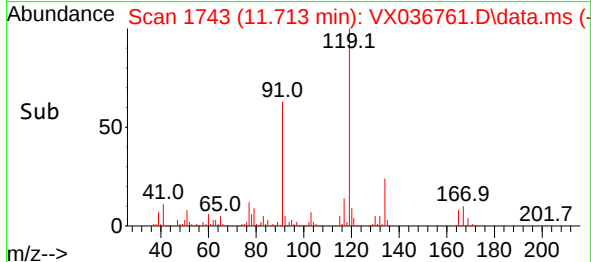
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 386850
Ion Ratio Lower Upper
119 100
91 60.4 31.2 93.6
134 22.9 11.7 35.0

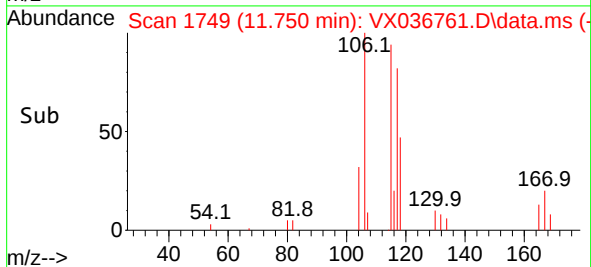
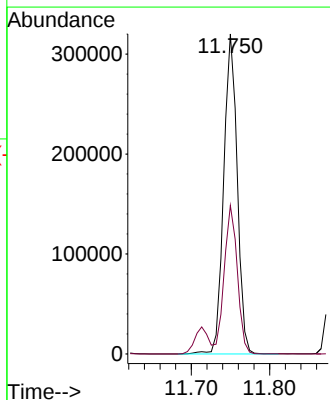
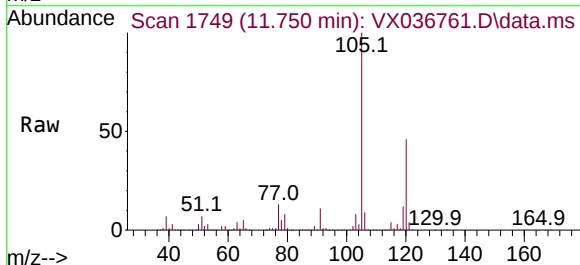
Manual Integrations
APPROVED

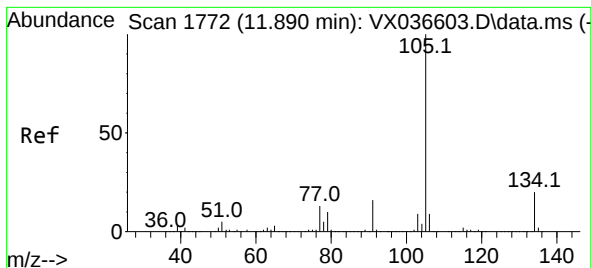
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.656 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

Tgt Ion:105 Resp: 384222
Ion Ratio Lower Upper
105 100
120 45.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.078 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036761.D
 Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

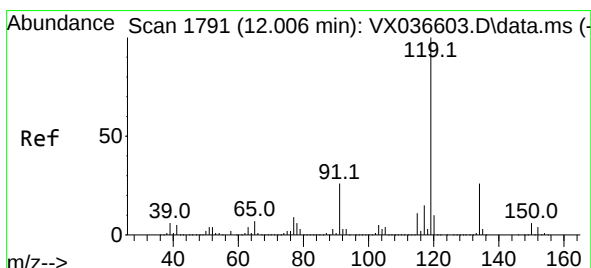
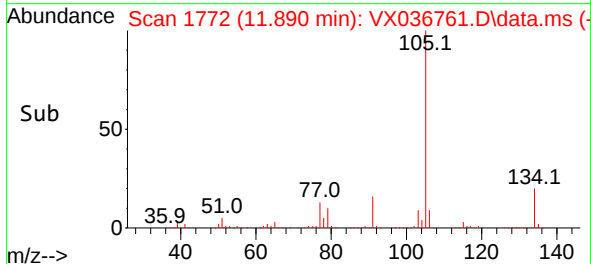
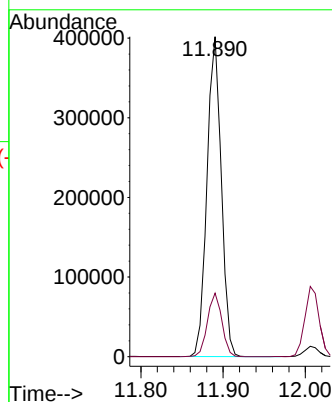
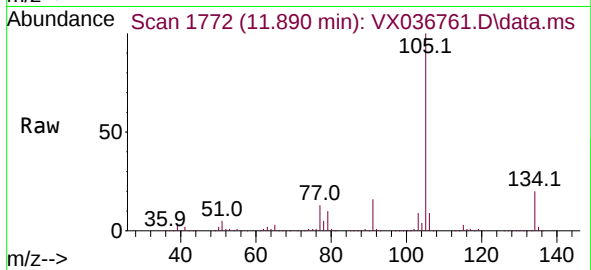
VSTDCCC050

Tgt Ion:105 Resp: 484450
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations

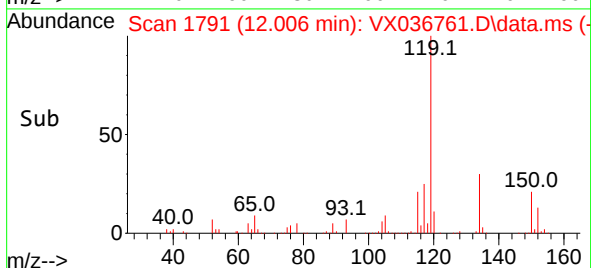
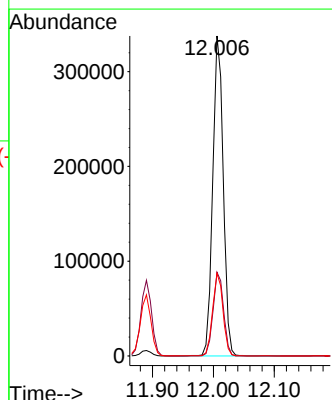
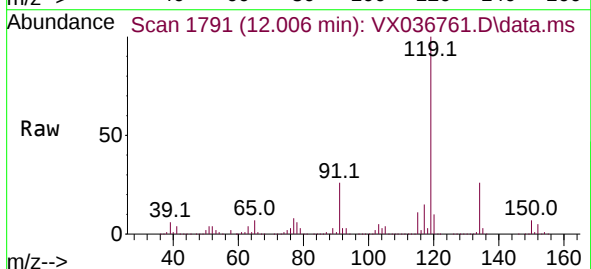
APPROVED

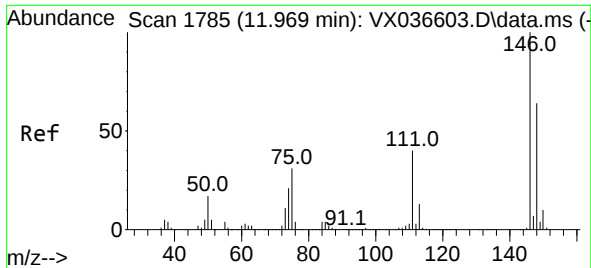
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#86
 p-Isopropyltoluene
 Concen: 50.795 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036761.D
 Acq: 02 Aug 2023 11:24

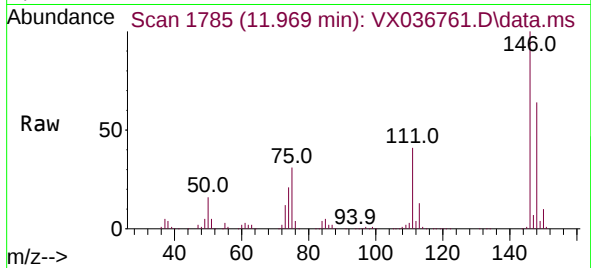
Tgt Ion:119 Resp: 404326
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.5 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 50.251 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

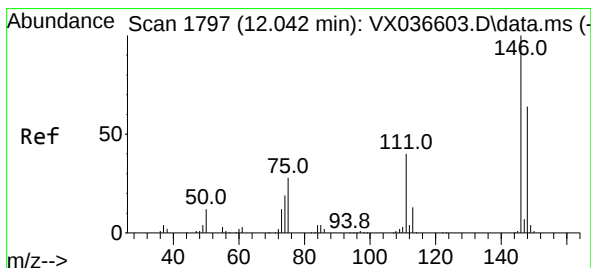
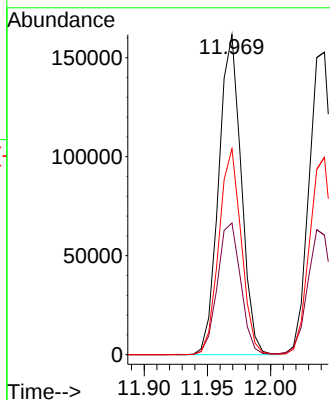
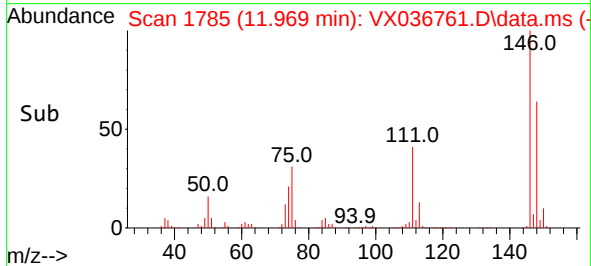
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



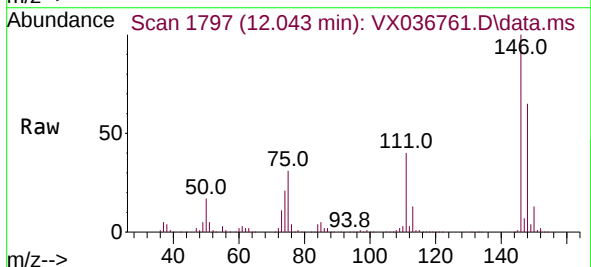
Tgt Ion:146 Resp: 20005
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 63.9 31.8 95.3

Manual Integrations
APPROVED

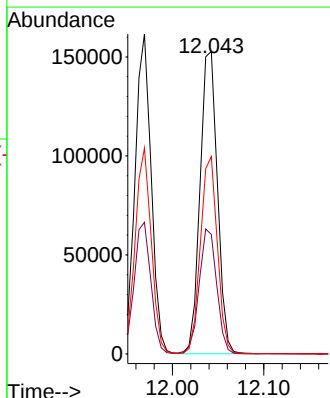
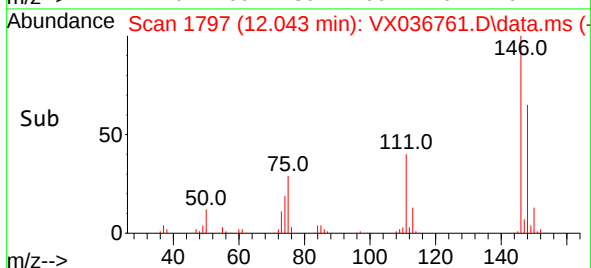
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

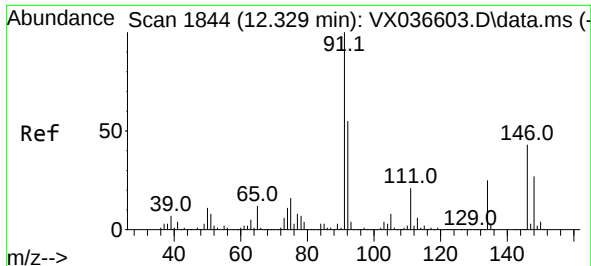


#88
1,4-Dichlorobenzene
Concen: 50.963 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



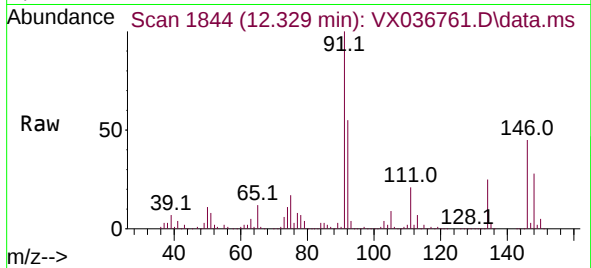
Tgt Ion:146 Resp: 201348
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 50.975 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

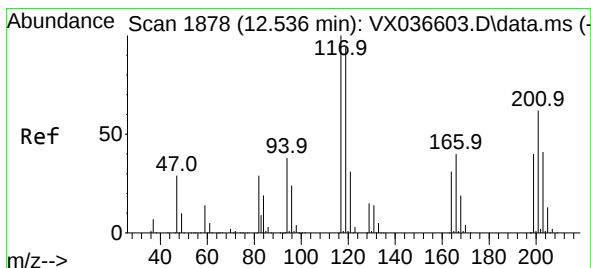
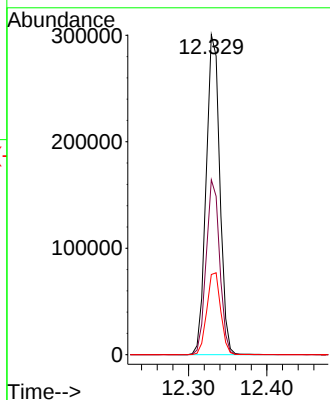
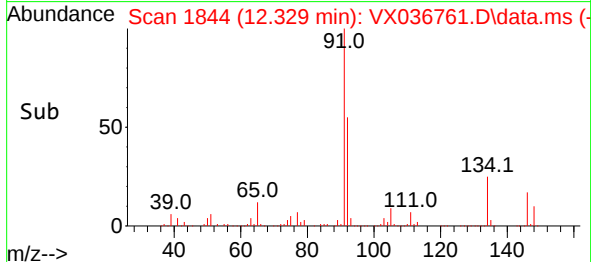
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 363228
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.0
134 26.1 12.6 37.8

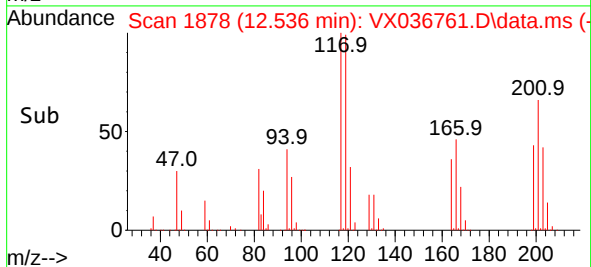
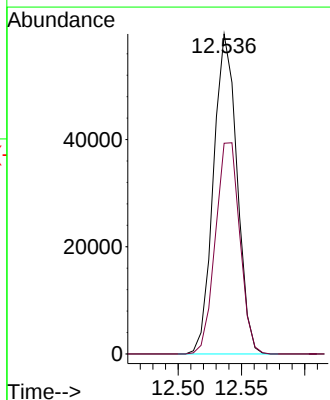
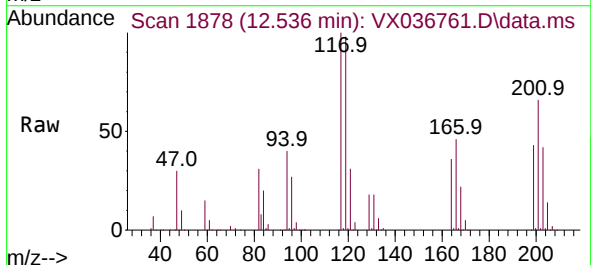
Manual Integrations
APPROVED

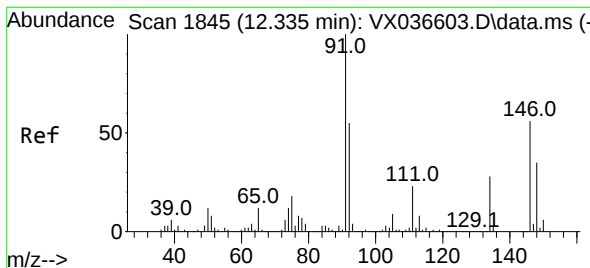
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#90
Hexachloroethane
Concen: 47.828 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

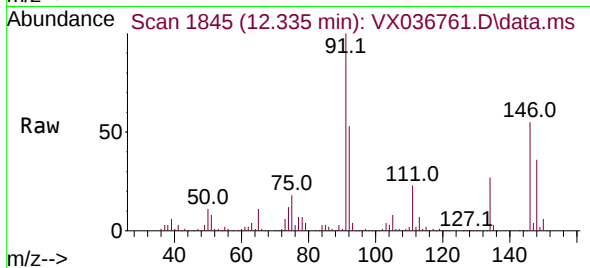
Tgt Ion:117 Resp: 77180
Ion Ratio Lower Upper
117 100
201 68.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.834 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

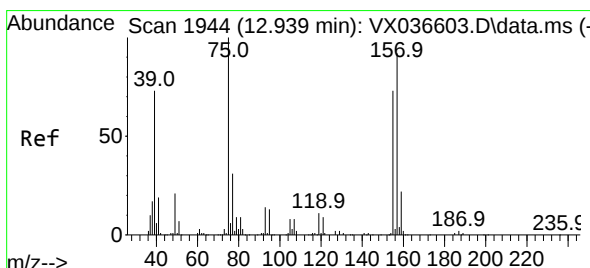
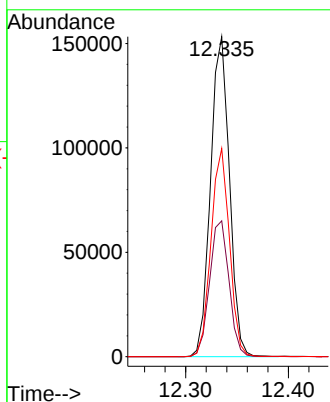
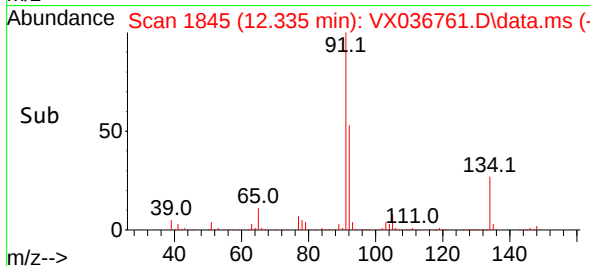
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



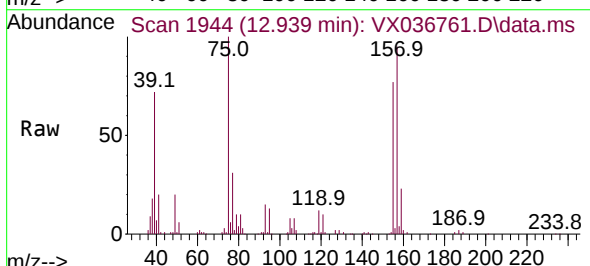
Tgt Ion:146 Resp: 19529
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

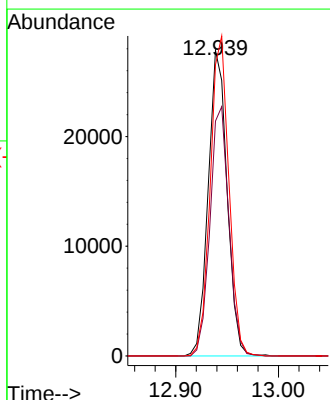
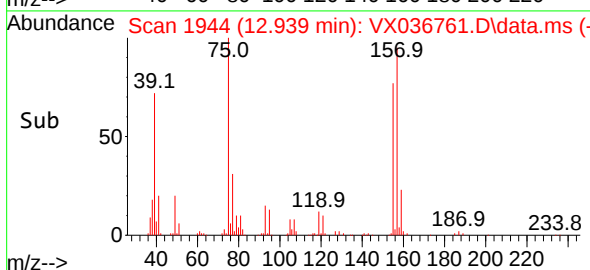
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

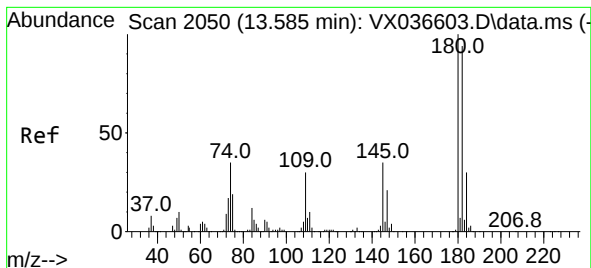


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.959 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



Tgt Ion: 75 Resp: 35528
Ion Ratio Lower Upper
75 100
155 81.7 36.1 108.5
157 102.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.210 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

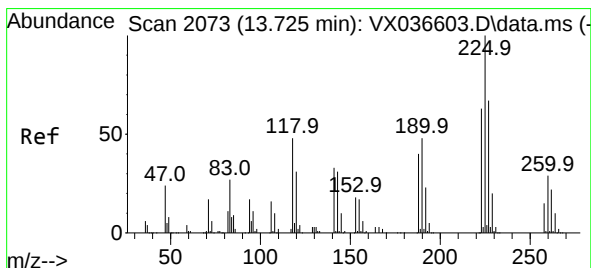
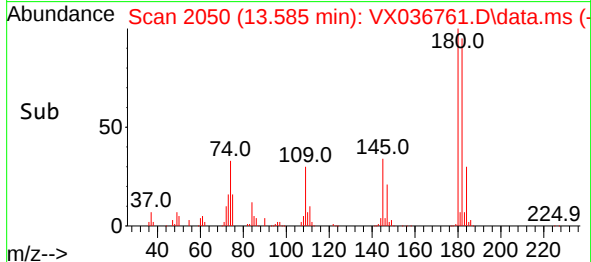
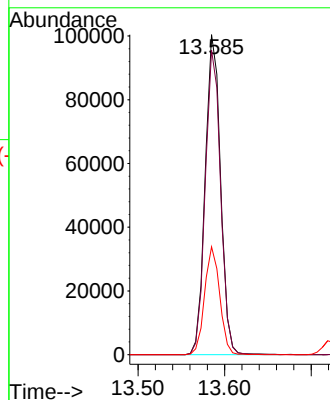
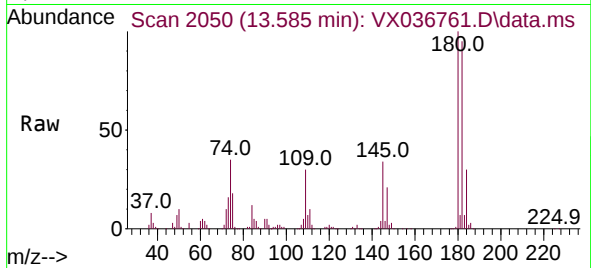
Tgt Ion:180	Resp:	12357
Ion Ratio	Lower	Upper
180	100	
182	95.0	48.3 144.8
145	33.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#94

Hexachlorobutadiene

Concen: 51.133 ug/l

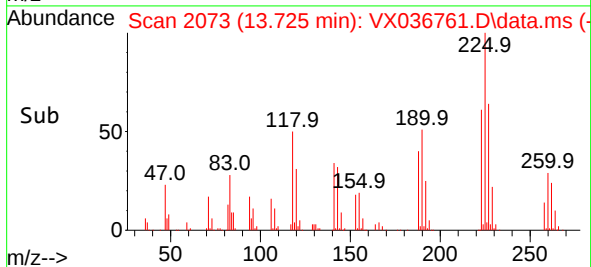
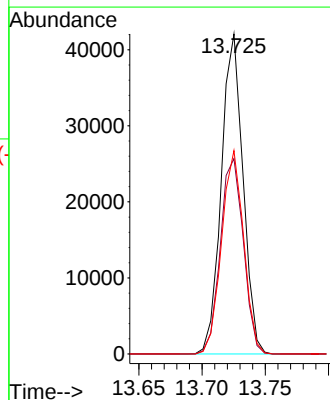
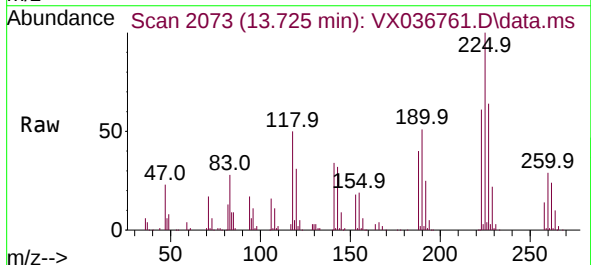
RT: 13.725 min Scan# 2073

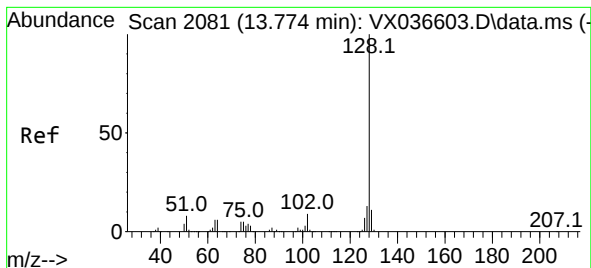
Delta R.T. 0.000 min

Lab File: VX036761.D

Acq: 02 Aug 2023 11:24

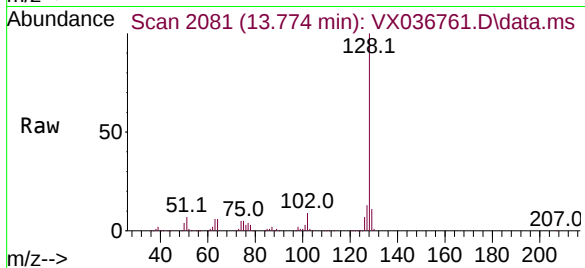
Tgt Ion:225	Resp:	50070
Ion Ratio	Lower	Upper
225	100	
223	64.7	31.1 93.2
227	64.6	32.5 97.5





#95
Naphthalene
Concen: 51.617 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24

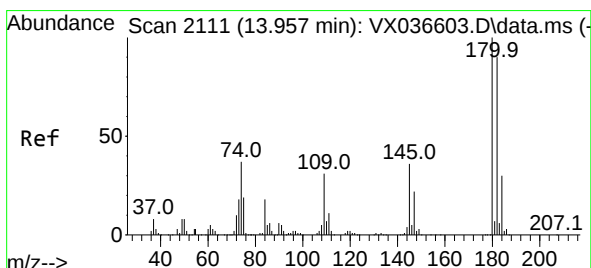
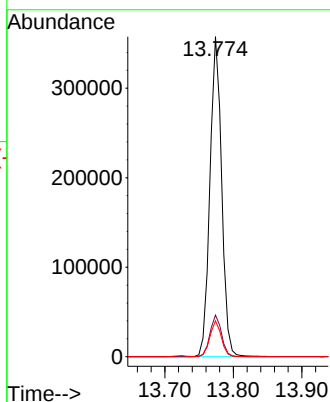
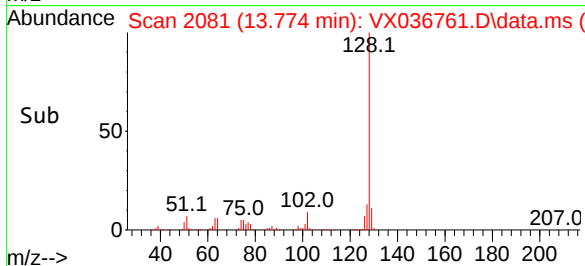
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



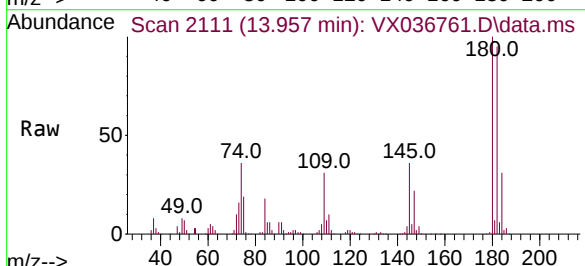
Tgt Ion:128 Resp: 425739
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.597 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX036761.D
Acq: 02 Aug 2023 11:24



Tgt Ion:180 Resp: 122701
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 34.7 17.8 53.5

