

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036798.D
 Acq On : 04 Aug 2023 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2023
 Supervised By : Semsettin Yesilyurt 08/07/2023

Quant Time: Aug 04 23:04:14 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	5.550	168	149480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104955	47.453	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.379	113	86124	48.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.660%		
50) Toluene-d8	8.647	98	292953	46.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.660%		
62) 4-Bromofluorobenzene	11.079	95	117375	49.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	106945	54.158	ug/l	97
3) Chloromethane	1.300	50	90067	50.147	ug/l	97
4) Vinyl Chloride	1.374	62	97498	53.318	ug/l	99
5) Bromomethane	1.599	94	63927	58.557	ug/l	99
6) Chloroethane	1.678	64	60181	67.692	ug/l	98
7) Trichlorofluoromethane	1.880	101	168528	59.680	ug/l	99
8) Diethyl Ether	2.136	74	59881	54.810	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	94276	55.569	ug/l	98
10) Methyl Iodide	2.453	142	105700	59.983	ug/l	94
11) Tert butyl alcohol	2.965	59	131334	250.817	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	90162	53.866	ug/l	86
13) Acrolein	2.233	56	76088	254.618	ug/l	98
14) Allyl chloride	2.660	41	157251	47.710	ug/l #	95
15) Acrylonitrile	3.062	53	265919	252.527	ug/l	100
16) Acetone	2.380	43	251745	274.291	ug/l	92
17) Carbon Disulfide	2.508	76	244721	52.974	ug/l	100
18) Methyl Acetate	2.703	43	189040	48.961	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	338064	53.747	ug/l	100
20) Methylene Chloride	2.788	84	101562	49.757	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	100741	53.852	ug/l	92
22) Diisopropyl ether	3.757	45	303798	48.545	ug/l #	92
23) Vinyl Acetate	3.721	43	1203692	250.747	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	182084	51.895	ug/l	98
25) 2-Butanone	4.550	43	376406	252.777	ug/l	93
26) 2,2-Dichloropropane	4.471	77	168475	50.958	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	117360	52.819	ug/l	93
28) Bromochloromethane	4.897	49	77652	45.761	ug/l	88
29) Tetrahydrofuran	5.001	42	237288	247.165	ug/l	90
30) Chloroform	5.092	83	192402	53.599	ug/l	98
31) Cyclohexane	5.470	56	156433	51.082	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	175490	53.354	ug/l	98
36) 1,1-Dichloropropene	5.690	75	141323	53.754	ug/l	97
37) Ethyl Acetate	4.708	43	148762	49.992	ug/l	97
38) Carbon Tetrachloride	5.678	117	155464	55.621	ug/l	98
39) Methylcyclohexane	7.379	83	177287	54.231	ug/l	93
40) Benzene	6.037	78	405458	53.007	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	80889	50.825	ug/l	93
42) 1,2-Dichloroethane	6.086	62	156289	55.884	ug/l	96
43) Isopropyl Acetate	6.336	43	249218	48.654	ug/l	95
44) Trichloroethene	7.123	130	110020	55.027	ug/l	99
45) 1,2-Dichloropropane	7.427	63	104111	50.979	ug/l	98
46) Dibromomethane	7.580	93	78304	54.785	ug/l	96
47) Bromodichloromethane	7.818	83	155970	53.162	ug/l	97
48) Methyl methacrylate	7.690	41	116850	49.052	ug/l	88
49) 1,4-Dioxane	7.659	88	51696	1074.238	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	711023	250.834	ug/l	95
52) Toluene	8.720	92	259245	54.090	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	175148	52.819	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	183891	52.554	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	108026	53.619	ug/l	99
56) Ethyl methacrylate	9.116	69	172220	52.495	ug/l	93
57) 1,3-Dichloropropane	9.305	76	180249	53.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	377327	233.423	ug/l	96
59) 2-Hexanone	9.427	43	535591	254.587	ug/l	93
60) Dibromochloromethane	9.519	129	121914	55.055	ug/l	100
61) 1,2-Dibromoethane	9.610	107	115697	55.409	ug/l	100
64) Tetrachloroethene	9.275	164	93755	54.953	ug/l	99
65) Chlorobenzene	10.079	112	275685	54.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	107552	55.189	ug/l	99
67) Ethyl Benzene	10.195	91	498450	54.116	ug/l	99
68) m/p-Xylenes	10.299	106	382105	111.186	ug/l	98
69) o-Xylene	10.640	106	186958	54.501	ug/l	99
70) Styrene	10.652	104	310494	54.861	ug/l	98
71) Bromoform	10.799	173	86382	54.758	ug/l #	99
73) Isopropylbenzene	10.963	105	488397	50.387	ug/l	98
74) N-amyl acetate	10.841	43	207225	45.846	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	161083	49.204	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	137548m	49.930	ug/l	
77) Bromobenzene	11.195	156	115463	52.307	ug/l	94
78) n-propylbenzene	11.305	91	574778	51.274	ug/l	100
79) 2-Chlorotoluene	11.366	91	341313	50.247	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	420077	51.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56903	46.817	ug/l	88
82) 4-Chlorotoluene	11.451	91	396258	51.198	ug/l	99
83) tert-Butylbenzene	11.713	119	406470	51.025	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	419562	51.737	ug/l	98
85) sec-Butylbenzene	11.890	105	514966	51.836	ug/l	99
86) p-Isopropyltoluene	12.006	119	438497	53.642	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	217118	53.106	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	218101	53.755	ug/l	99
89) n-Butylbenzene	12.329	91	389378	53.211	ug/l	99
90) Hexachloroethane	12.536	117	82105	49.545	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	211066	53.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38657	50.814	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	135263	55.648	ug/l	98
94) Hexachlorobutadiene	13.725	225	54096	53.795	ug/l	98
95) Naphthalene	13.774	128	464379	54.824	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133882	55.885	ug/l	99

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Response via : Initial Calibration

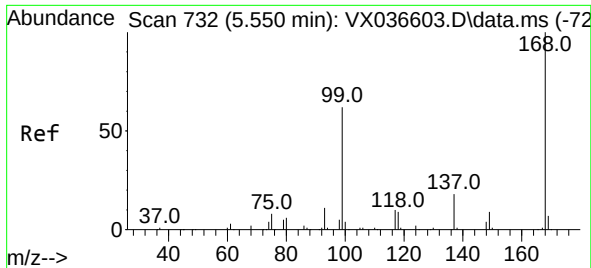
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

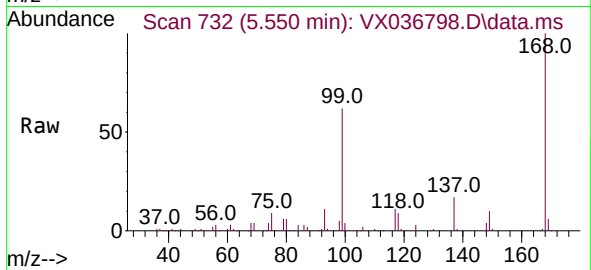
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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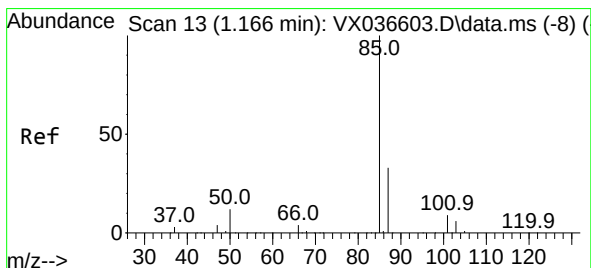
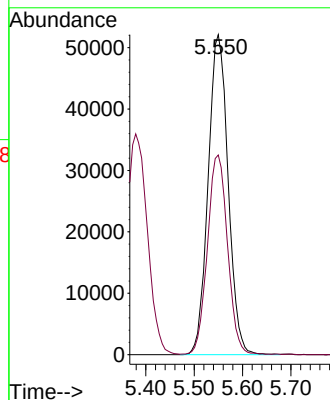
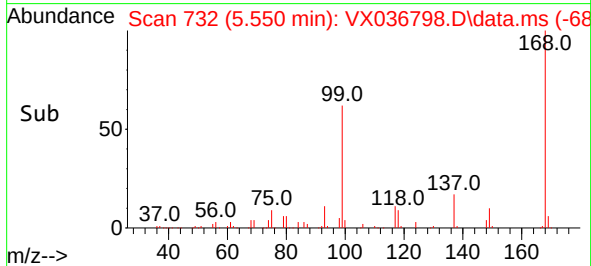
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 149480
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0

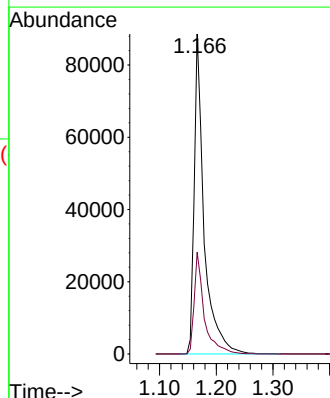
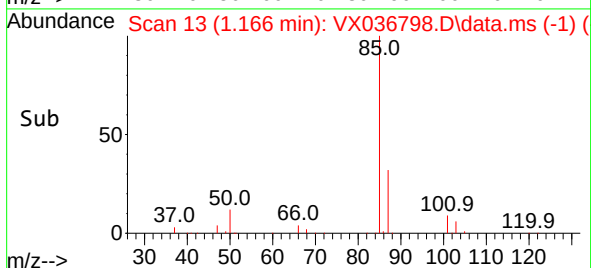
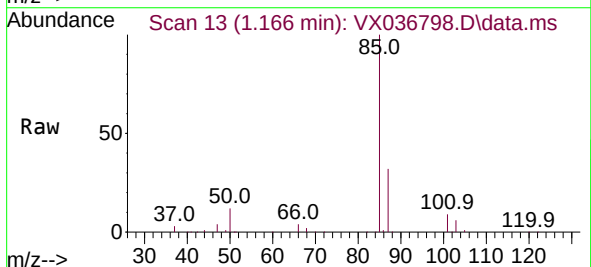
Manual Integrations
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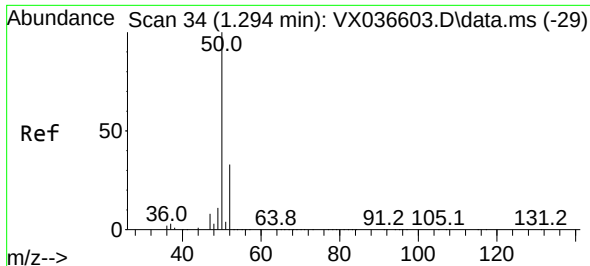
Reviewed By :John Carbone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#2
Dichlorodifluoromethane
Concen: 54.158 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 85 Resp: 106945
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





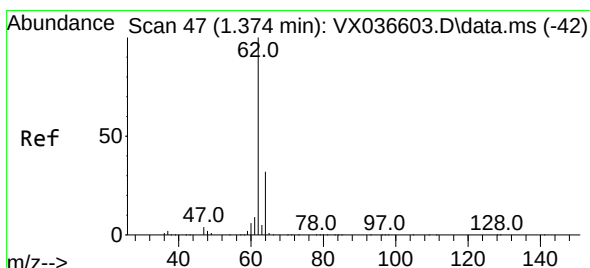
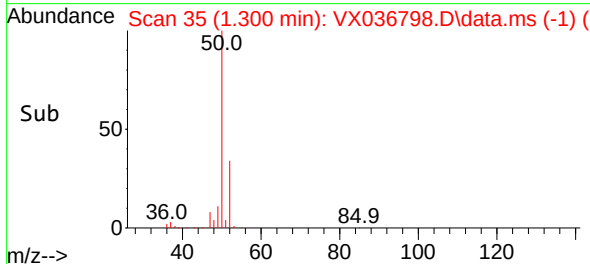
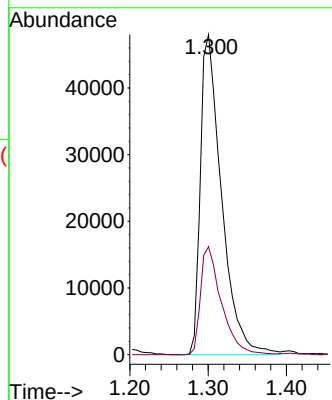
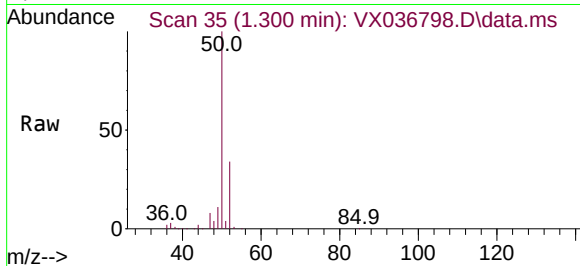
#3
Chloromethane
Concen: 50.147 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9006
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

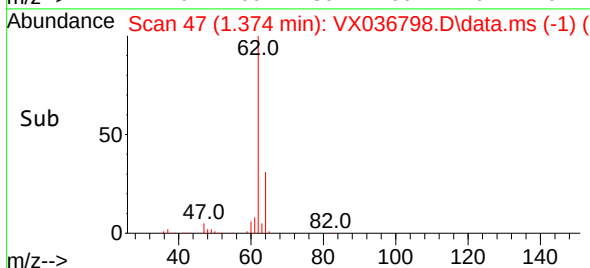
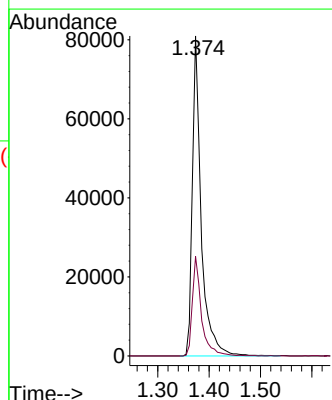
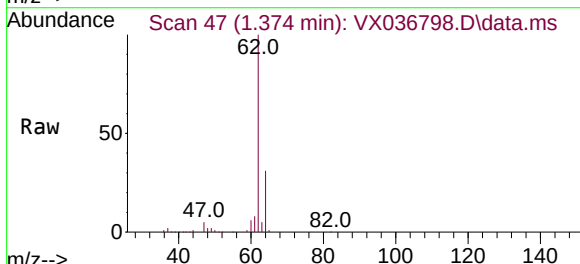
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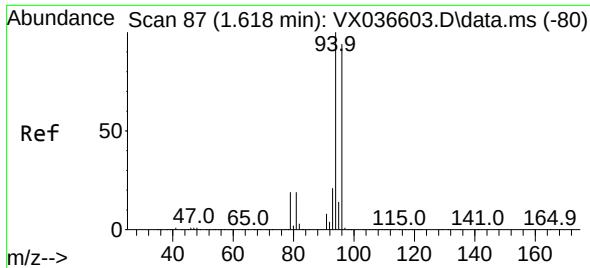
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#4
Vinyl Chloride
Concen: 53.318 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

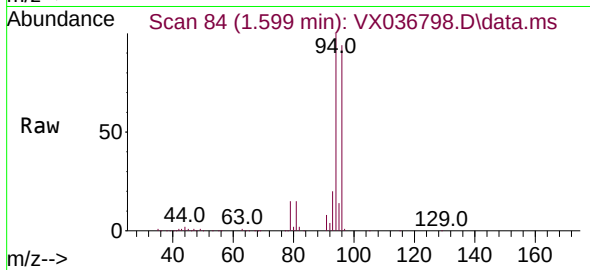
Tgt Ion: 62 Resp: 97498
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5
Bromomethane
Concen: 58.557 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

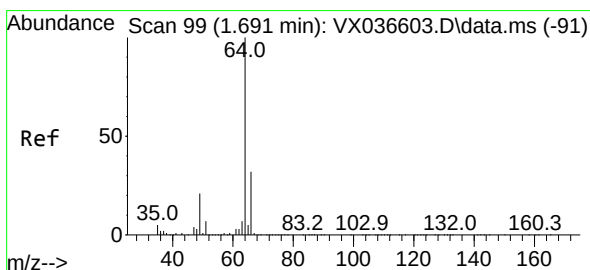
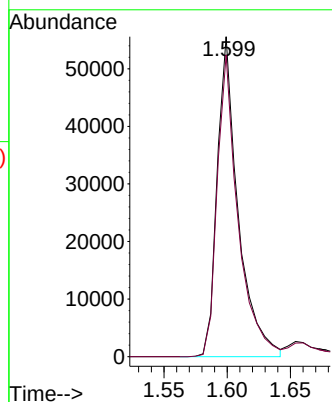
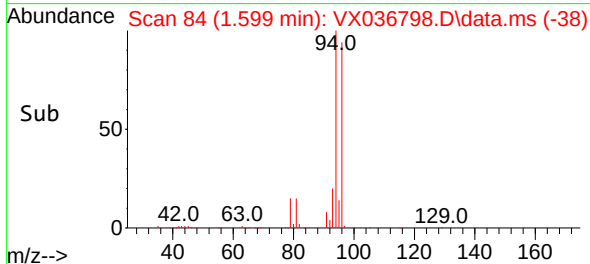
Instrument :
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Tgt Ion: 94 Resp: 6392
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

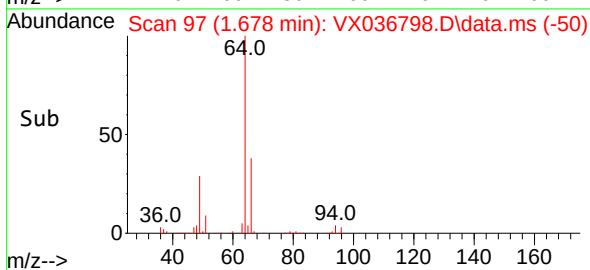
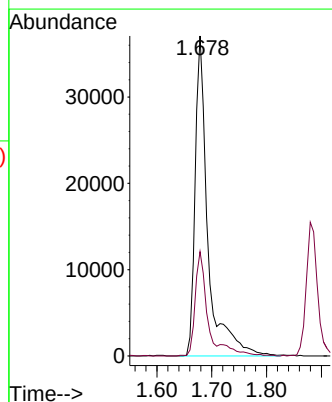
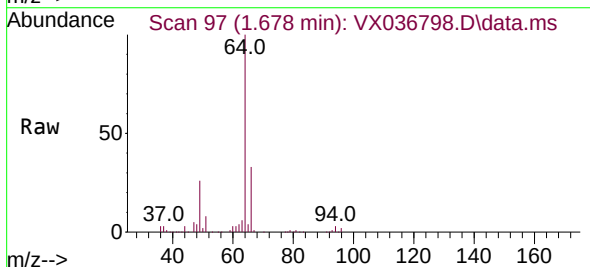
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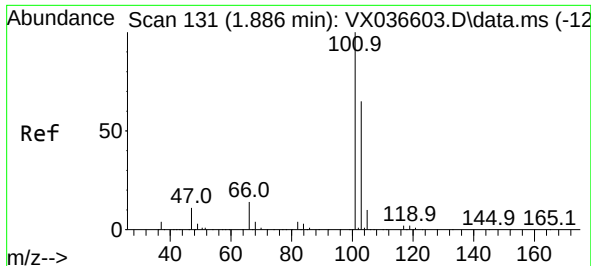
Reviewed By :John Carlone 08/07/2023
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#6
Chloroethane
Concen: 67.692 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
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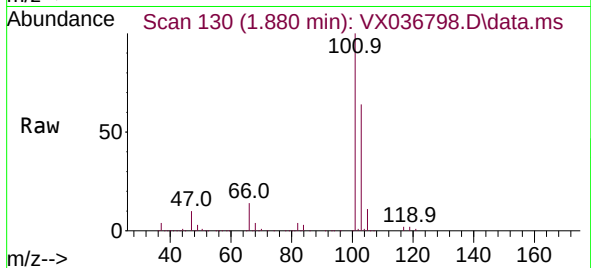
Tgt Ion: 64 Resp: 60181
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 59.680 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036798.D
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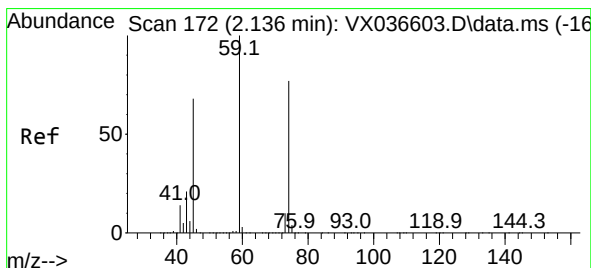
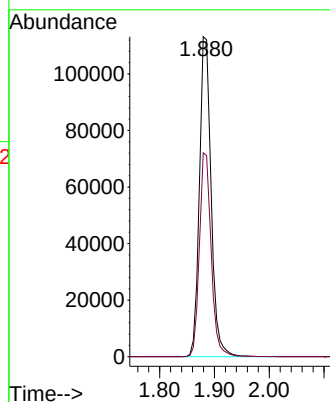
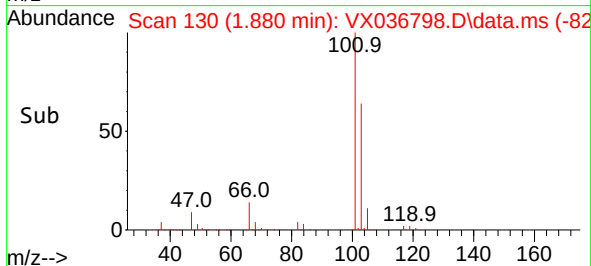
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 168528
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

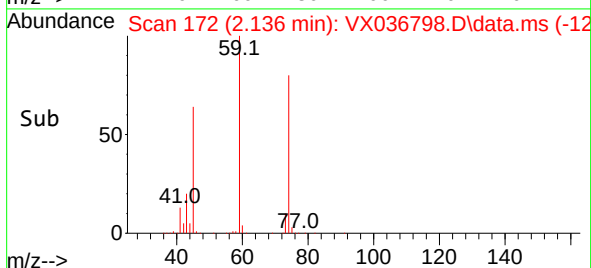
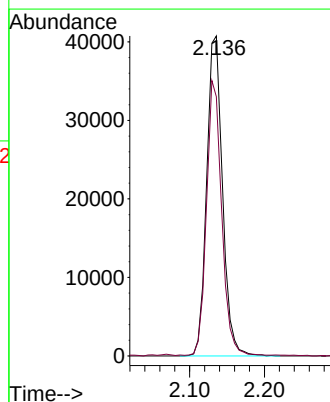
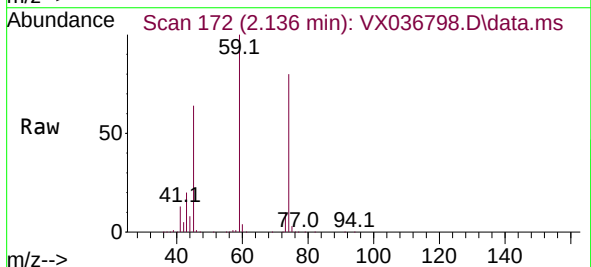
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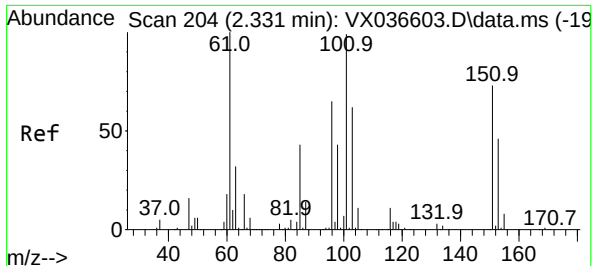
Reviewed By :John Carlone 08/07/2023
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#8
Diethyl Ether
Concen: 54.810 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 74 Resp: 59881
Ion Ratio Lower Upper
74 100
45 82.2 53.3 159.8





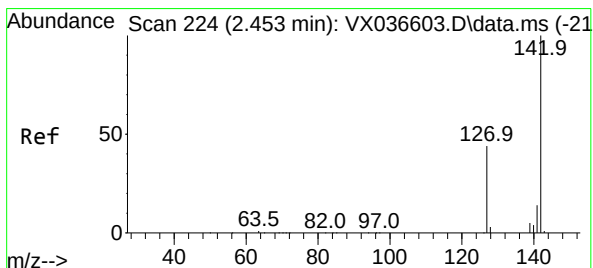
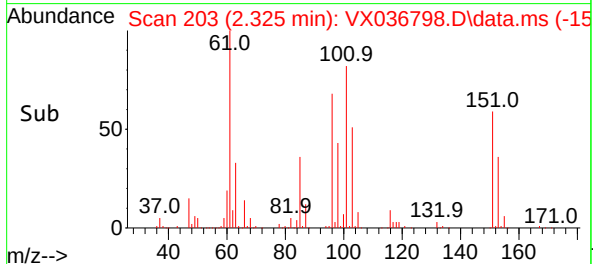
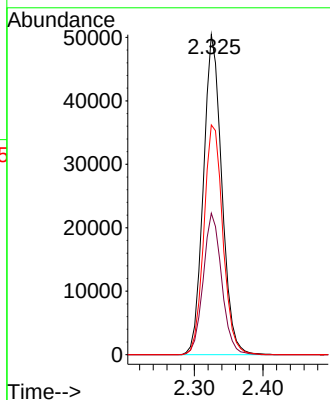
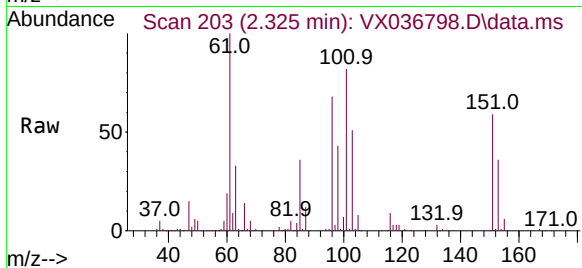
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.569 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 94270
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 74.0 58.6 87.8

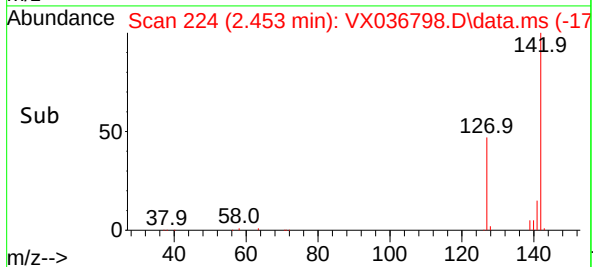
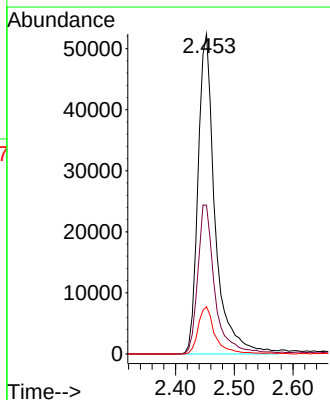
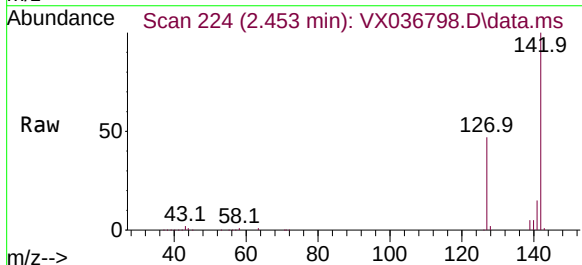
Manual Integrations
APPROVED

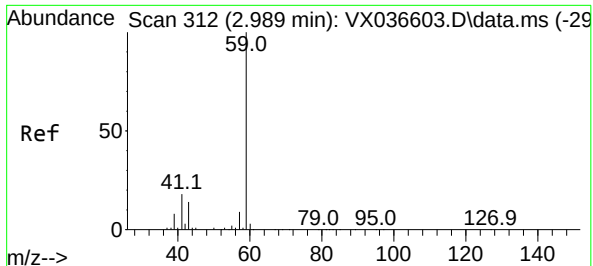
Reviewed By :John Carbone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#10
Methyl Iodide
Concen: 59.983 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion:142 Resp: 105700
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.6 11.6 17.4





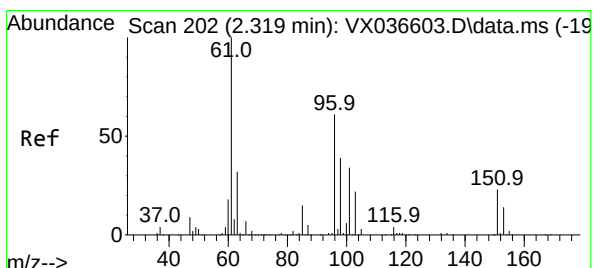
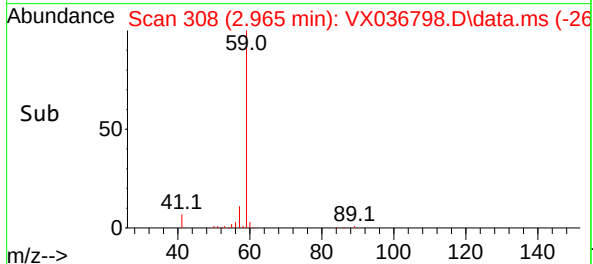
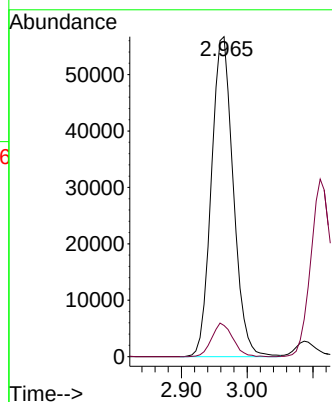
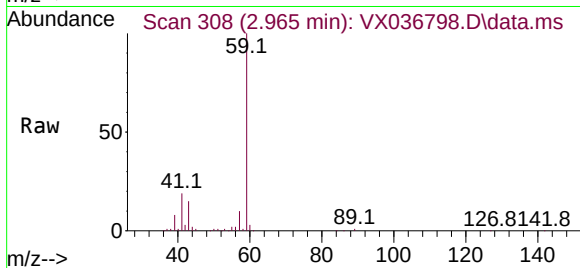
#11
Tert butyl alcohol
Concen: 250.817 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 131334
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

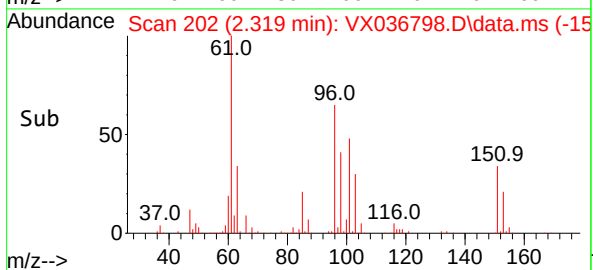
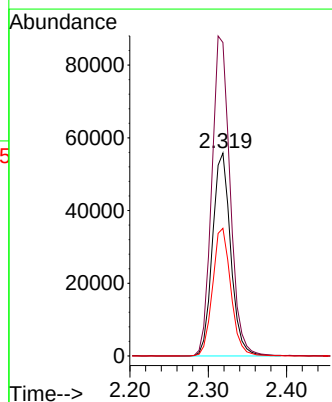
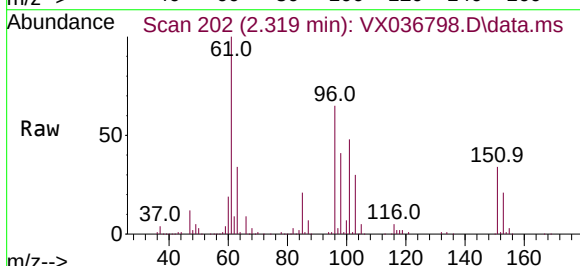
Manual Integrations
APPROVED

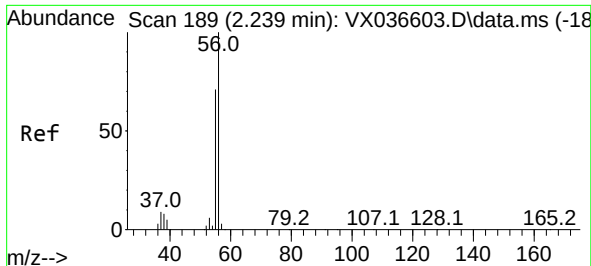
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#12
1,1-Dichloroethene
Concen: 53.866 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 96 Resp: 90162
Ion Ratio Lower Upper
96 100
61 154.5 144.6 216.8
98 62.9 50.4 75.6





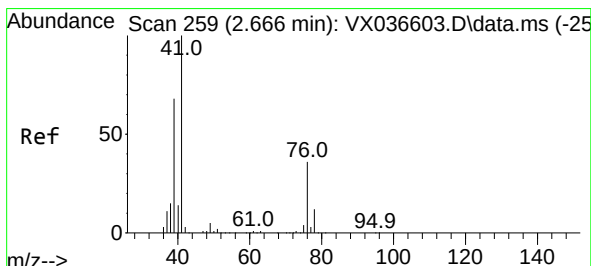
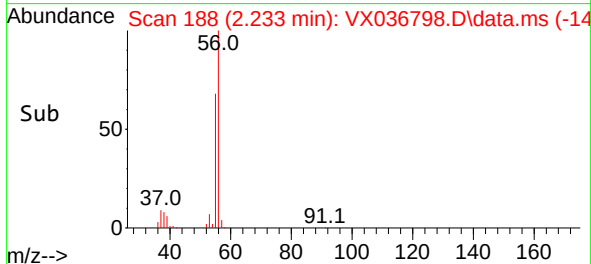
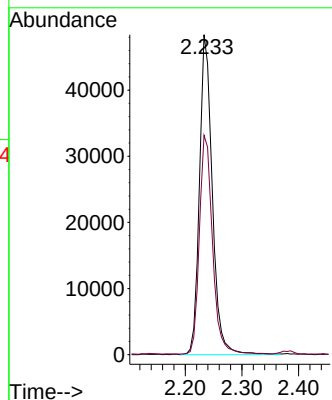
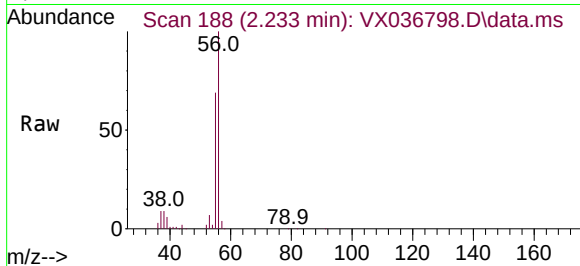
#13
Acrolein
Concen: 254.618 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 76088
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7

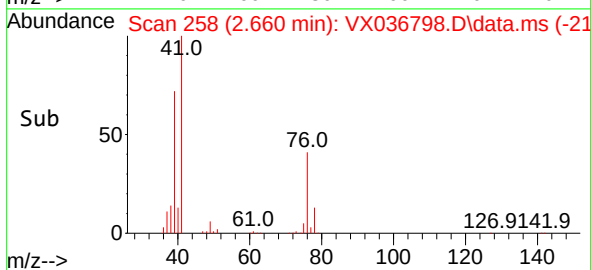
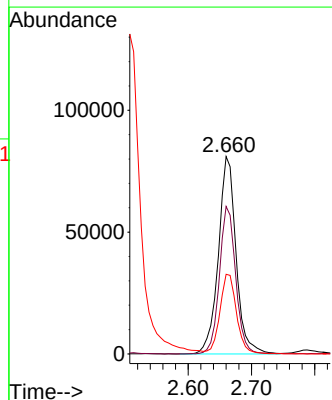
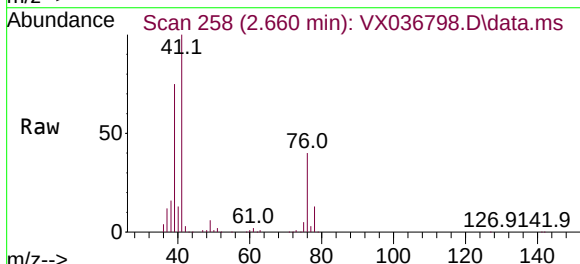
Manual Integrations
APPROVED

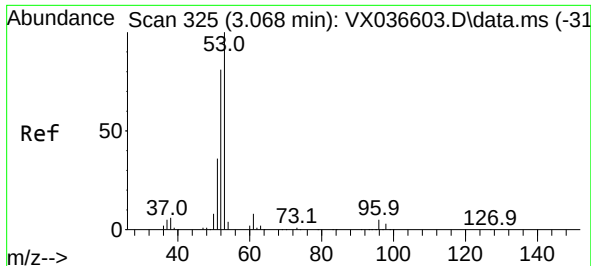
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#14
Allyl chloride
Concen: 47.710 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

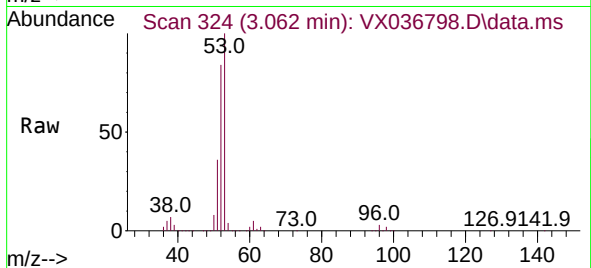
Tgt Ion: 41 Resp: 157251
Ion Ratio Lower Upper
41 100
39 68.9 55.8 83.6
76 37.5 24.3 36.5





#15
Acrylonitrile
Concen: 252.527 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

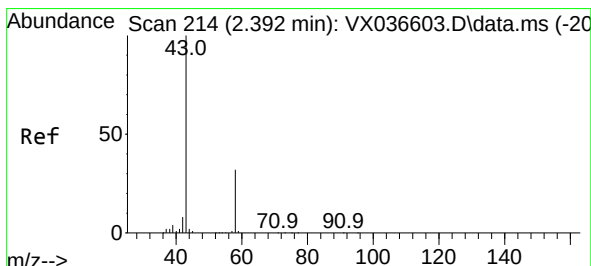
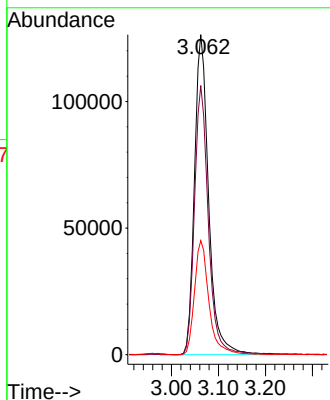
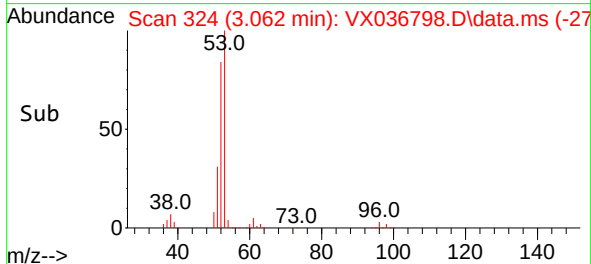
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 265919
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.5 29.8 44.6

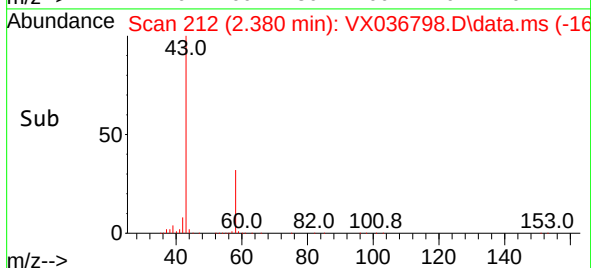
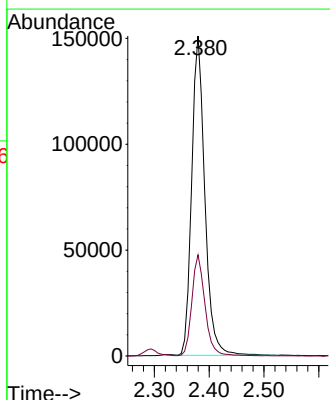
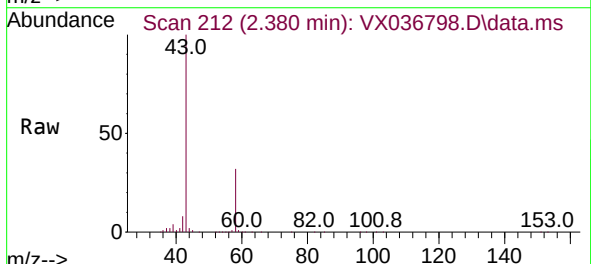
Manual Integrations
APPROVED

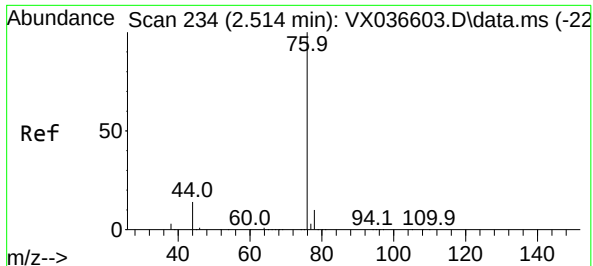
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#16
Acetone
Concen: 274.291 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 43 Resp: 251745
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9





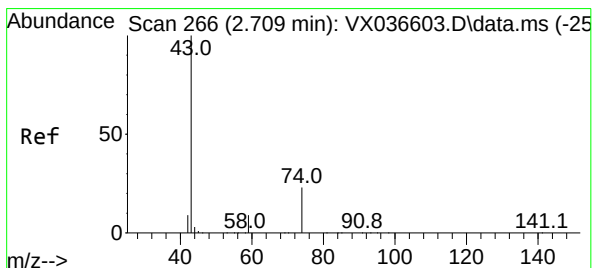
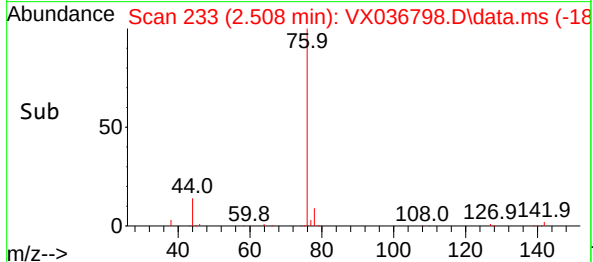
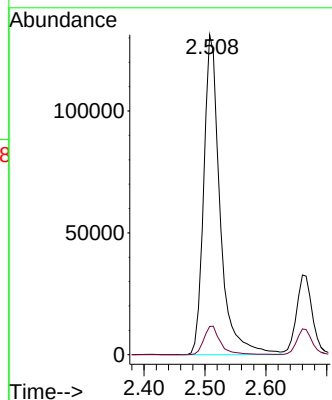
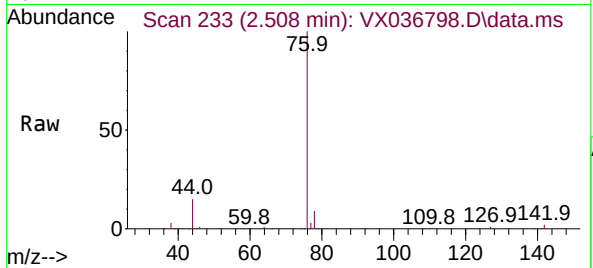
#17
Carbon Disulfide
Concen: 52.974 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 24472
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

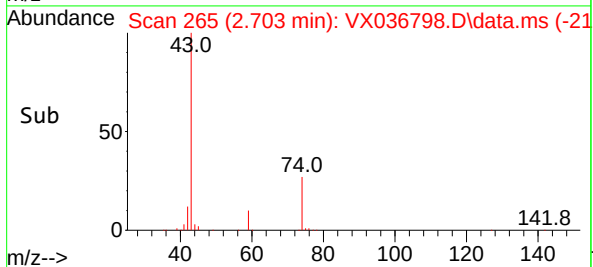
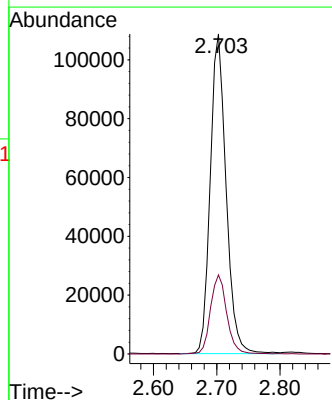
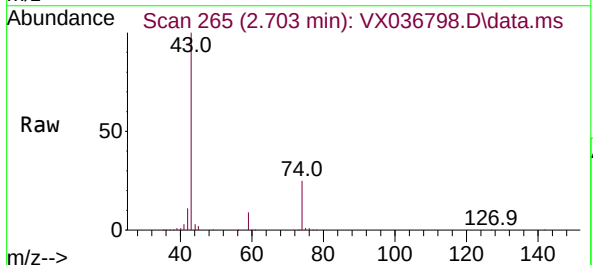
Manual Integrations
APPROVED

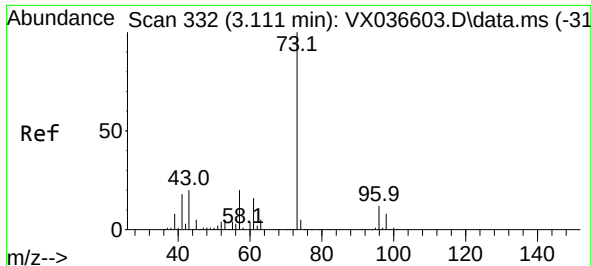
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#18
Methyl Acetate
Concen: 48.961 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 43 Resp: 189040
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8





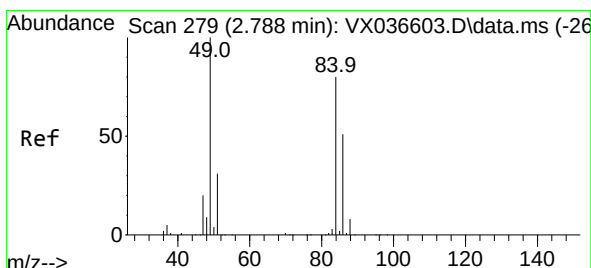
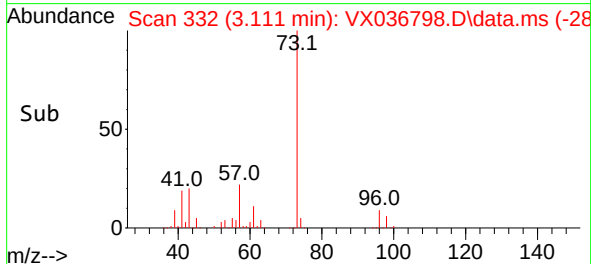
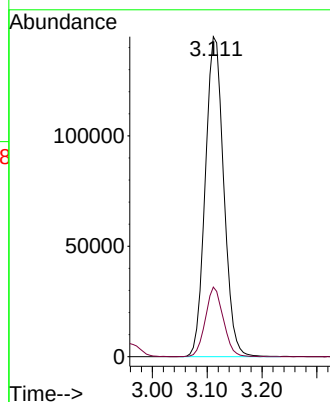
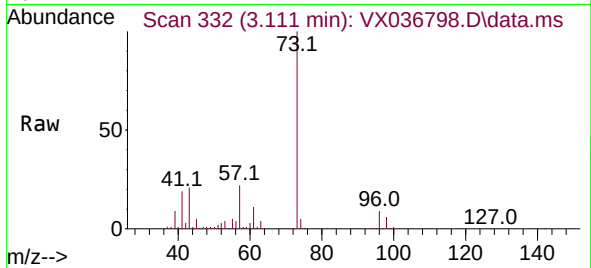
#19
Methyl tert-butyl Ether
Concen: 53.747 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 338064
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

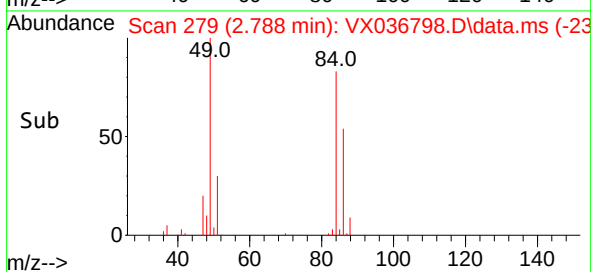
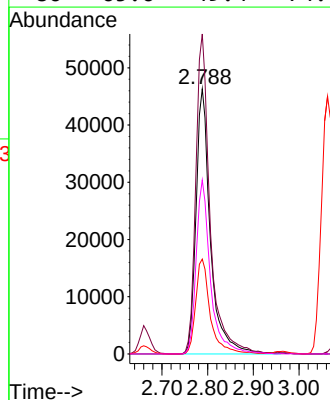
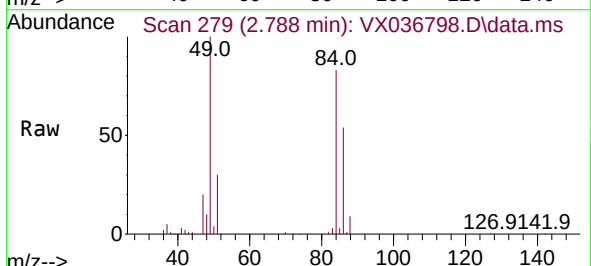
Manual Integrations
APPROVED

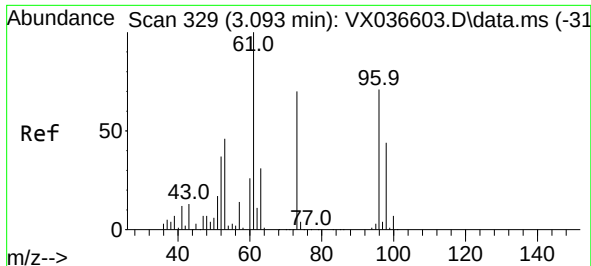
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#20
Methylene Chloride
Concen: 49.757 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

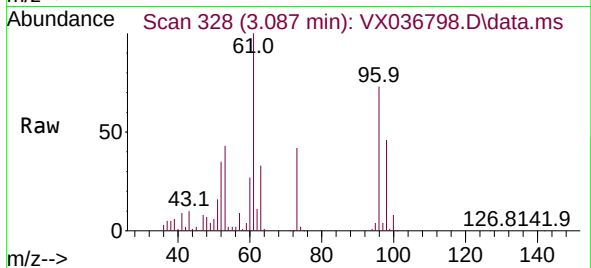
Tgt Ion: 84 Resp: 101562
Ion Ratio Lower Upper
84 100
49 120.7 103.6 155.4
51 35.8 33.8 50.6
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.852 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

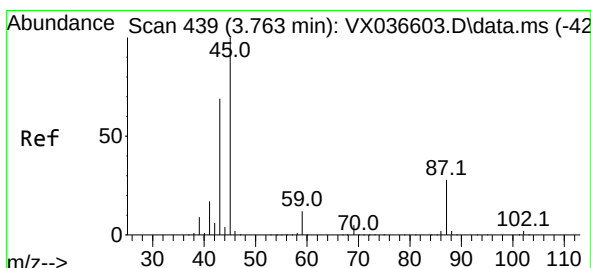
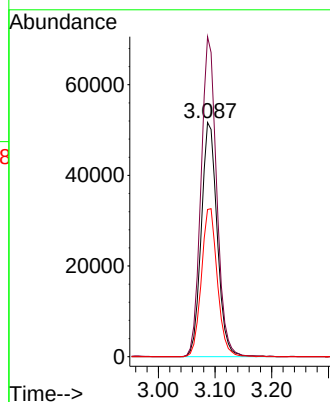
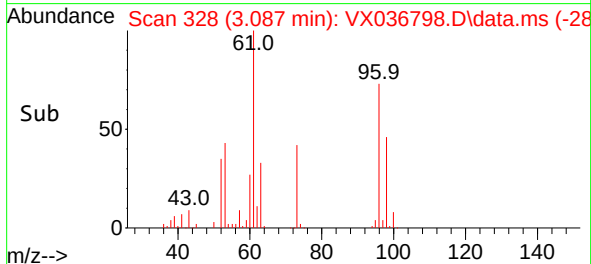
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10074
Ion Ratio Lower Upper
96 100
61 136.6 119.2 178.8
98 62.8 48.7 73.1

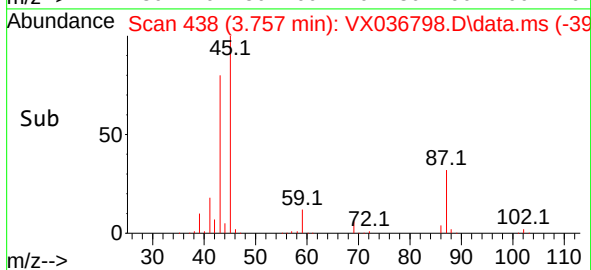
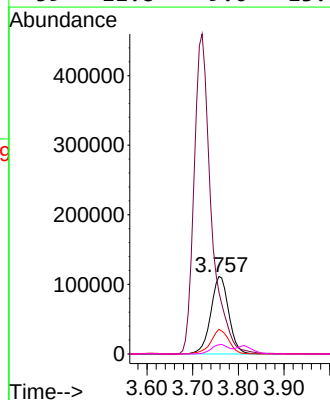
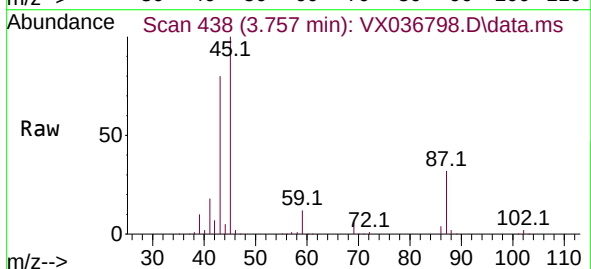
Manual Integrations
APPROVED

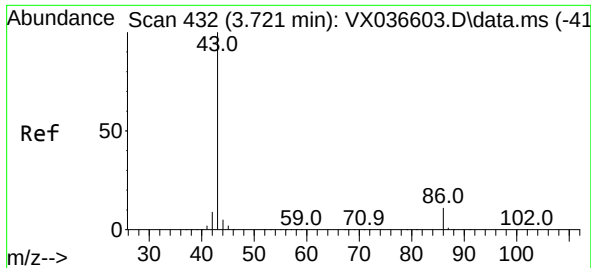
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#22
Diisopropyl ether
Concen: 48.545 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 45 Resp: 303798
Ion Ratio Lower Upper
45 100
43 79.4 69.7 104.5
87 31.7 20.8 31.2#
59 11.8 9.0 13.4





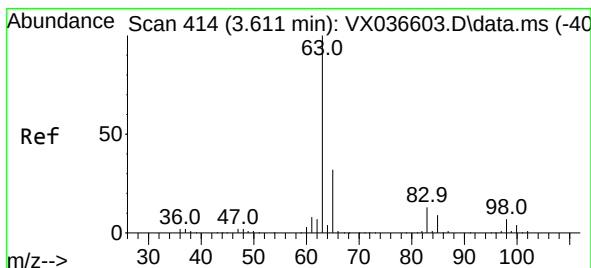
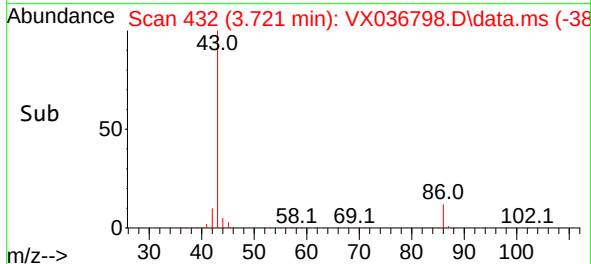
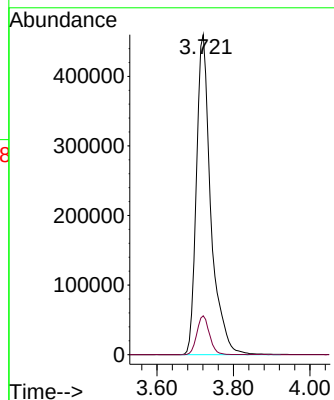
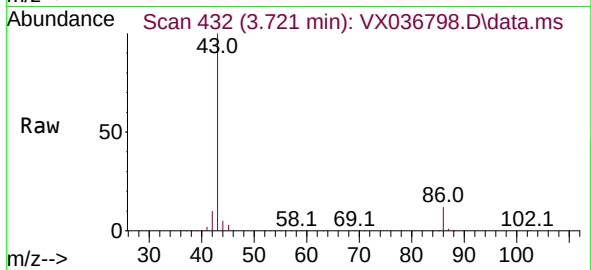
#23
 Vinyl Acetate
 Concen: 250.747 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036798.D
 Acq: 04 Aug 2023 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 120369
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.8 11.8

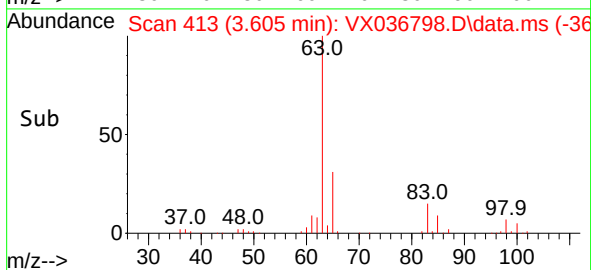
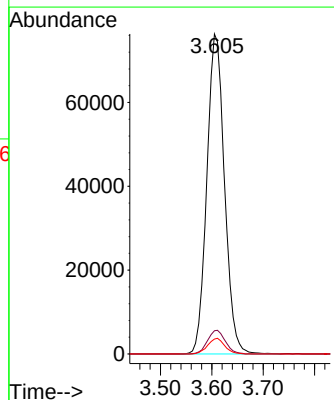
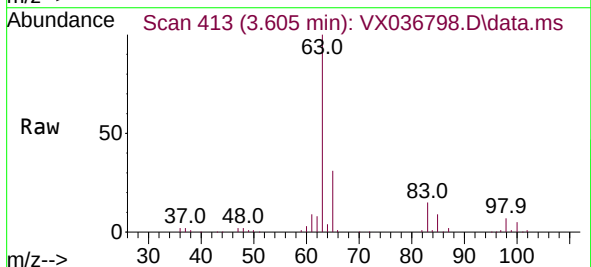
Manual Integrations
 APPROVED

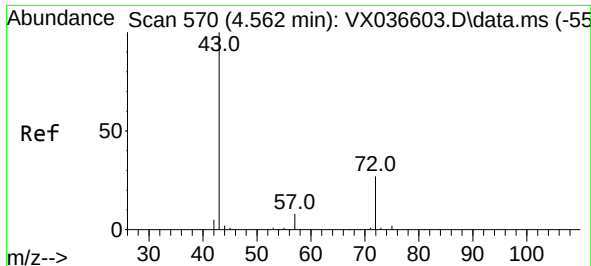
Reviewed By :John Carlone 08/07/2023
 Supervised By :Semsettin Yesilyurt 08/07/2023



#24
 1,1-Dichloroethane
 Concen: 51.895 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036798.D
 Acq: 04 Aug 2023 10:05

Tgt Ion: 63 Resp: 182084
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.7 2.1 6.5





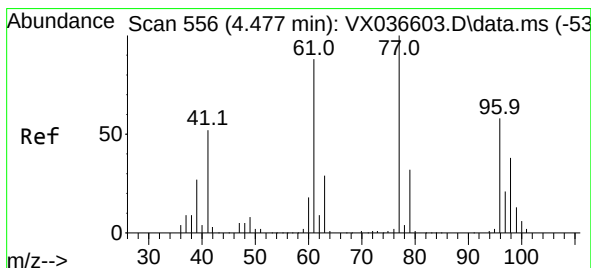
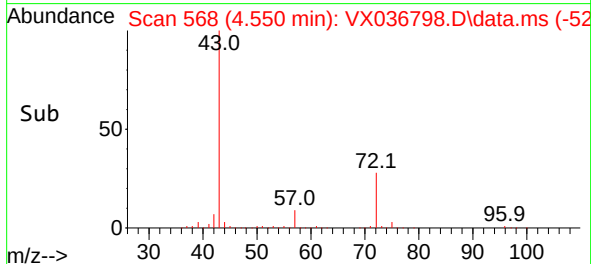
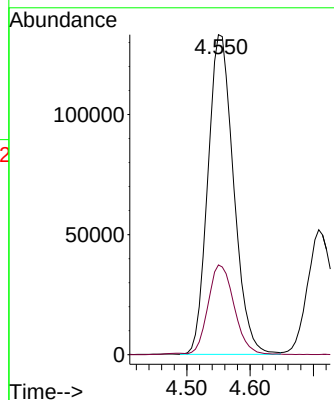
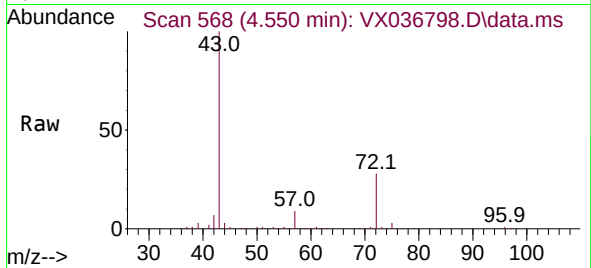
#25
2-Butanone
Concen: 252.777 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 376400
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

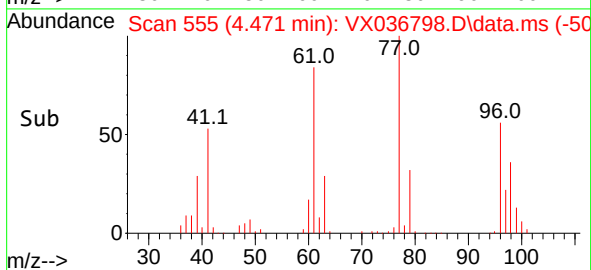
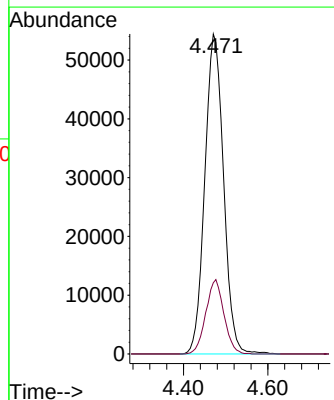
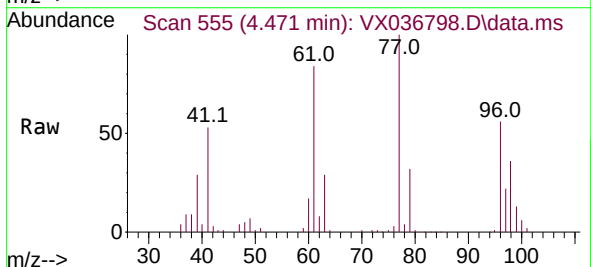
Manual Integrations
APPROVED

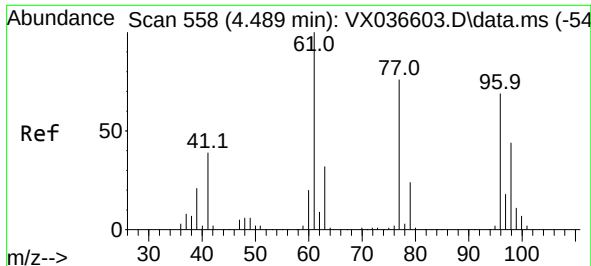
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#26
2,2-Dichloropropane
Concen: 50.958 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 77 Resp: 168475
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.819 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 117360

Ion Ratio Lower Upper

96 100

61 144.2 0.0 312.2

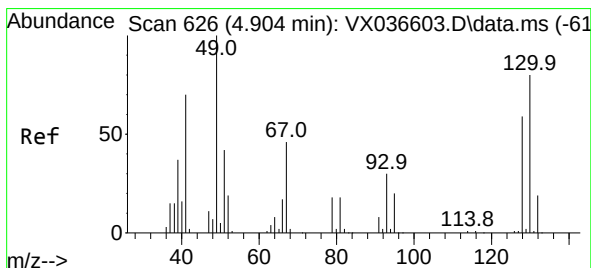
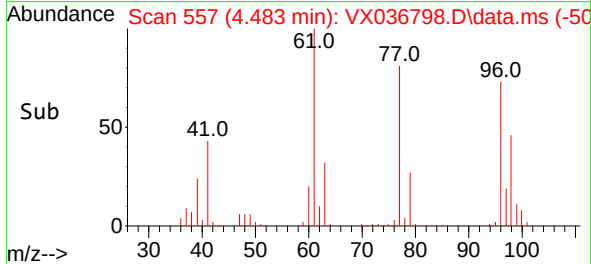
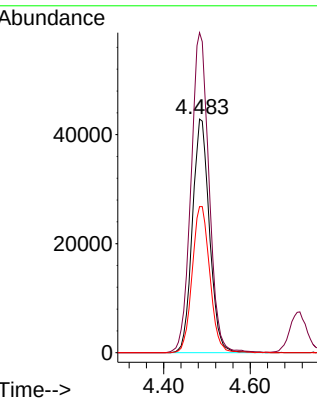
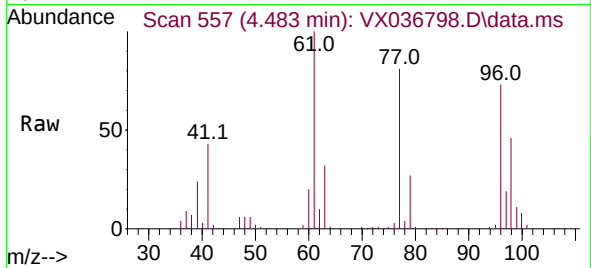
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#28

Bromochloromethane

Concen: 45.761 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

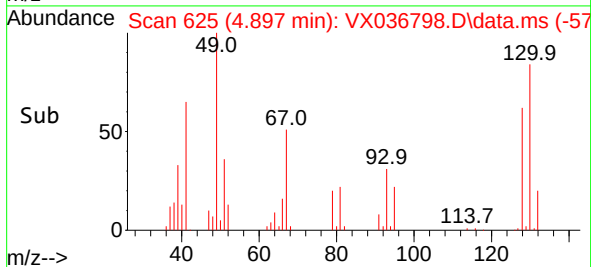
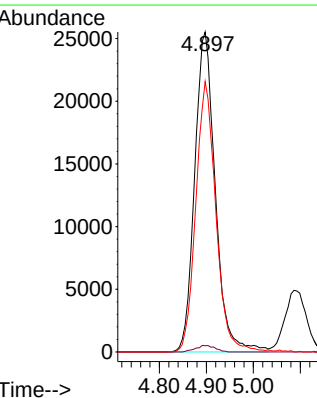
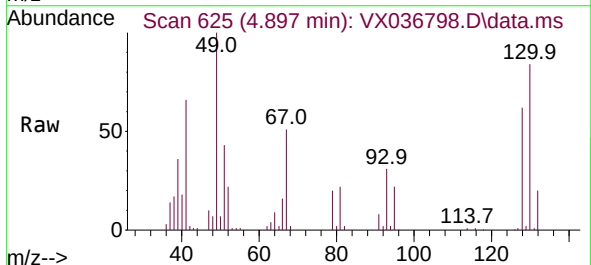
Tgt Ion: 49 Resp: 77652

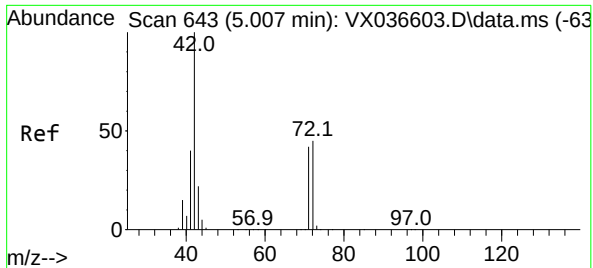
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 82.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 247.165 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 23728

Ion Ratio Lower Upper

42 100

72 49.5 34.2 51.4

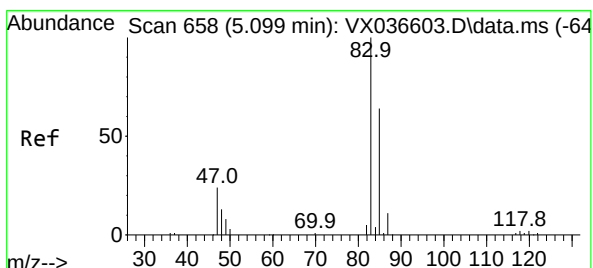
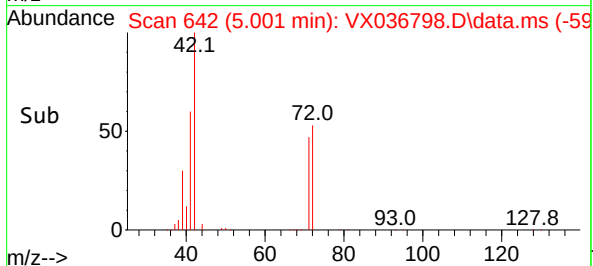
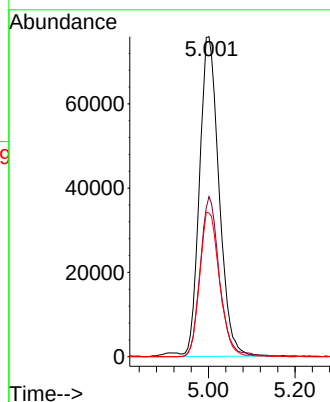
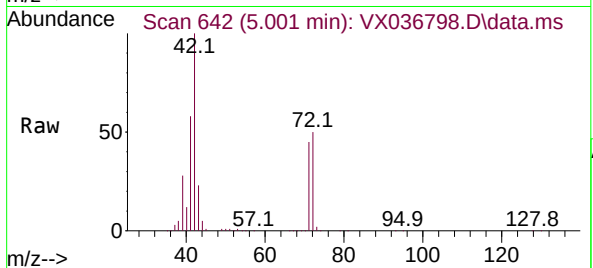
71 46.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#30

Chloroform

Concen: 53.599 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036798.D

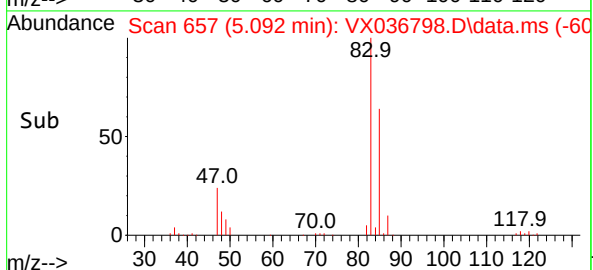
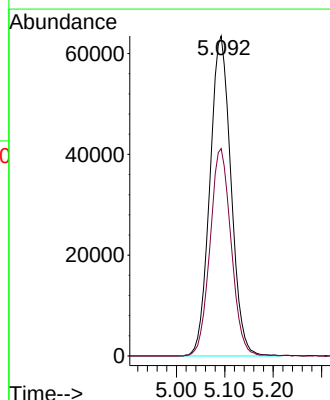
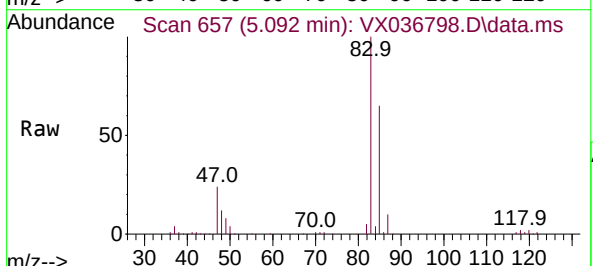
Acq: 04 Aug 2023 10:05

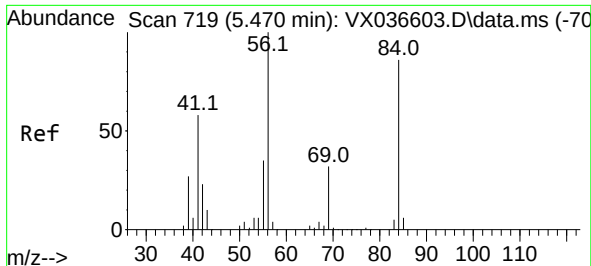
Tgt Ion: 83 Resp: 192402

Ion Ratio Lower Upper

83 100

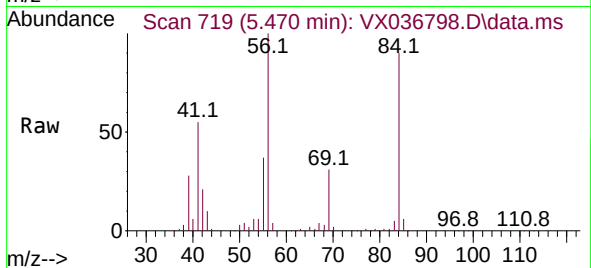
85 64.8 50.3 75.5





#31
Cyclohexane
Concen: 51.082 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

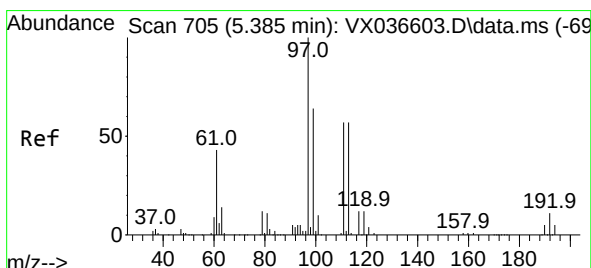
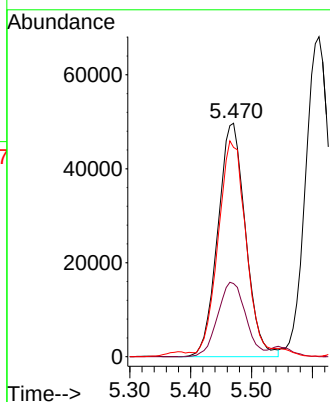
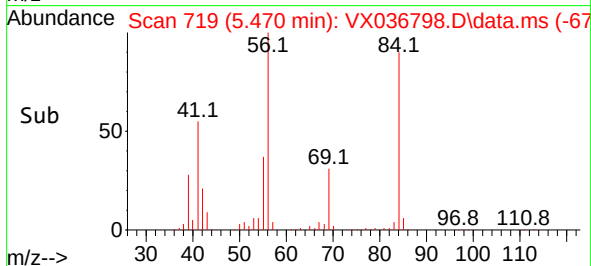
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 15643
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 87.5 65.9 98.9

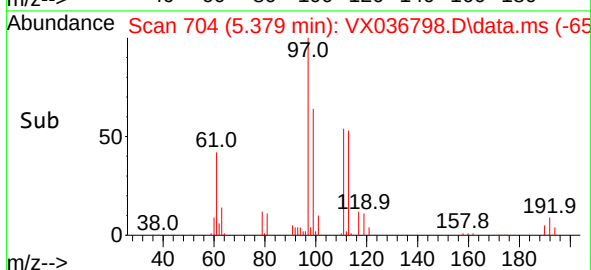
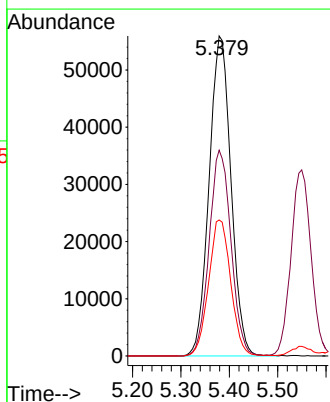
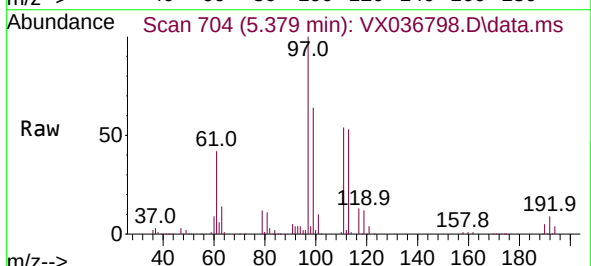
Manual Integrations
APPROVED

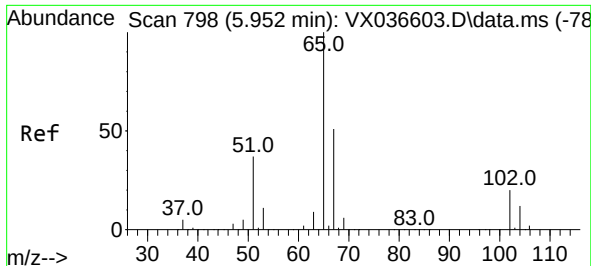
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#32
1,1,1-Trichloroethane
Concen: 53.354 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 97 Resp: 175490
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 43.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.453 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10495

Ion Ratio Lower Upper

65 100

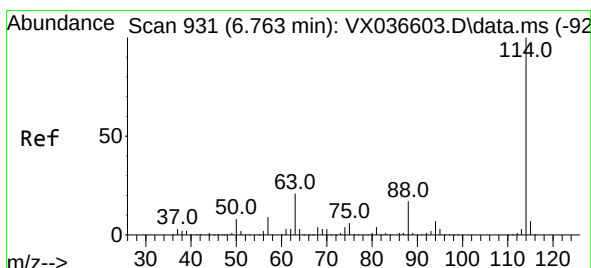
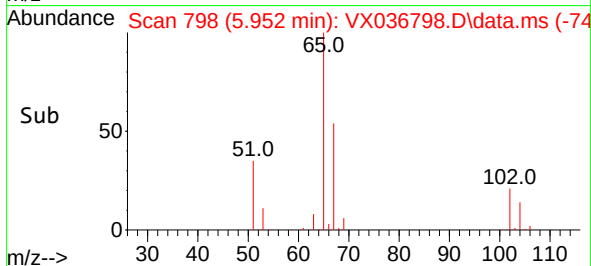
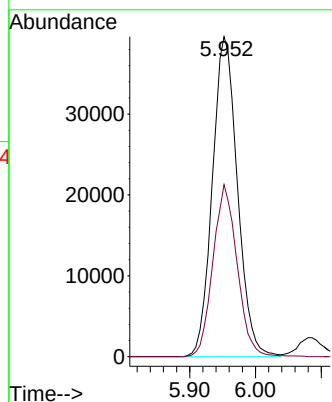
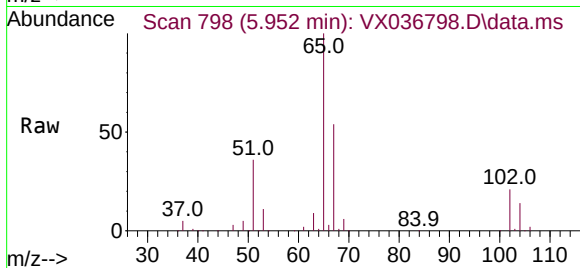
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

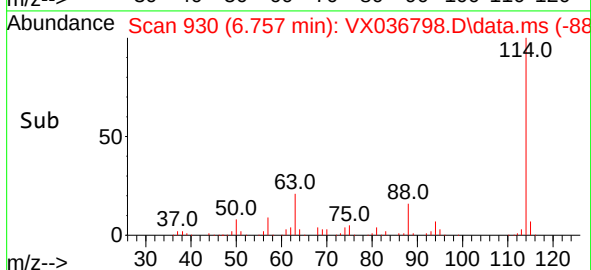
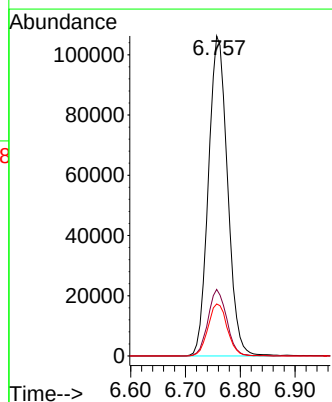
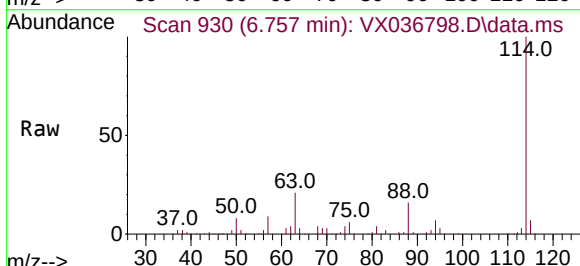
Tgt Ion:114 Resp: 256624

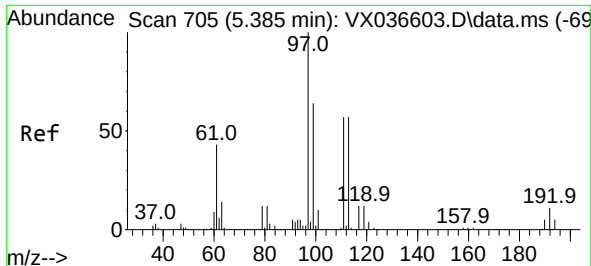
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

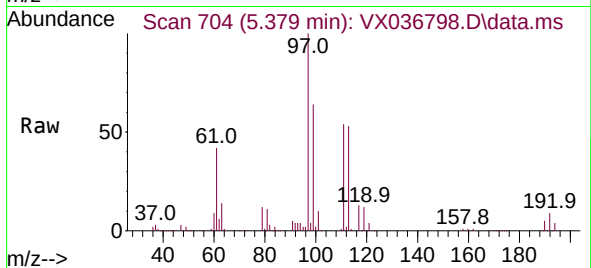
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

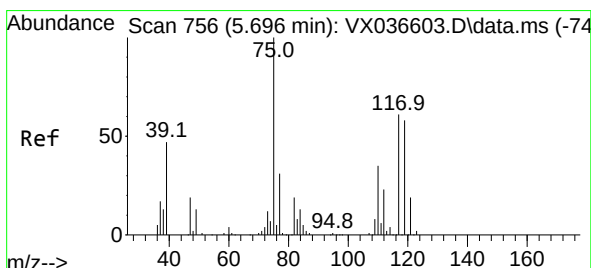
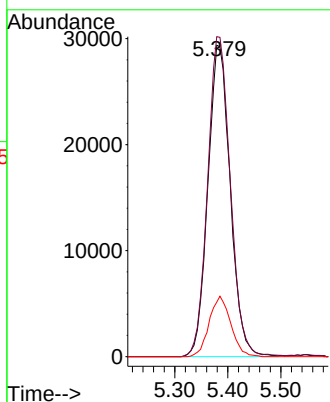
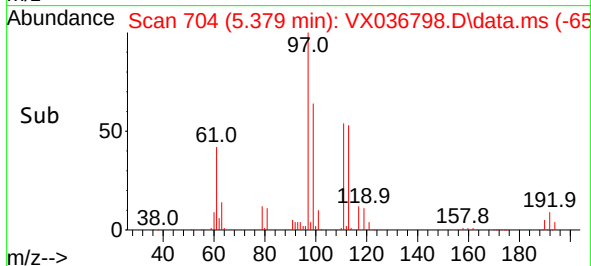
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 86124
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.7 13.3 19.9

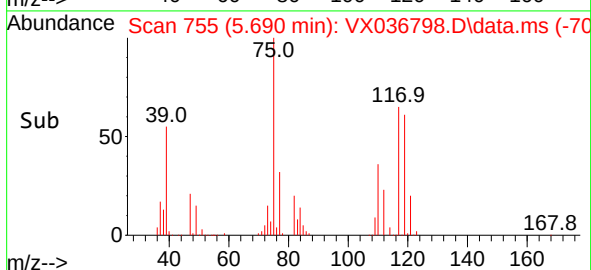
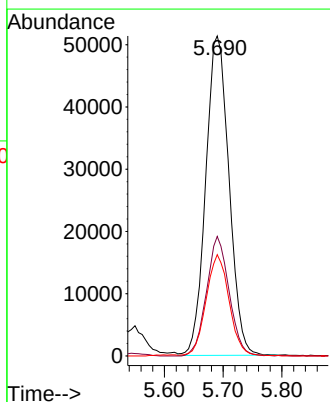
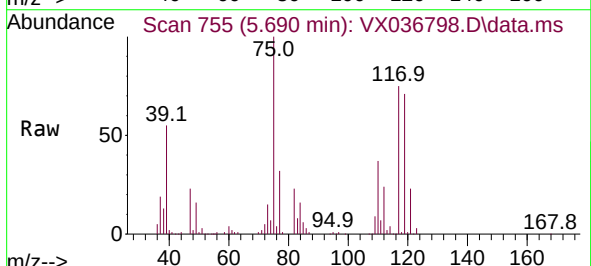
Manual Integrations
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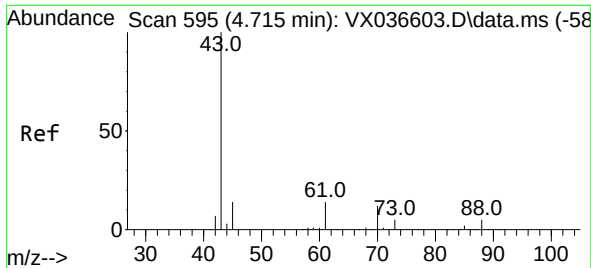
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#36
1,1-Dichloropropene
Concen: 53.754 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 75 Resp: 141323
Ion Ratio Lower Upper
75 100
110 36.3 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 49.992 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 148762

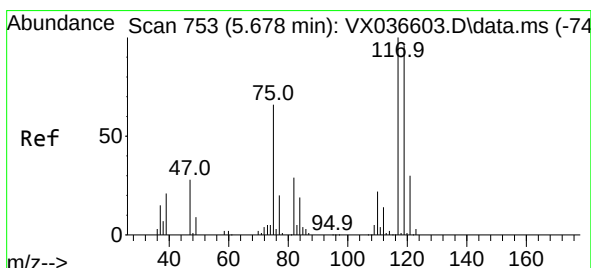
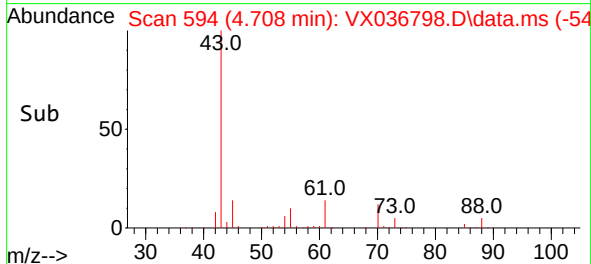
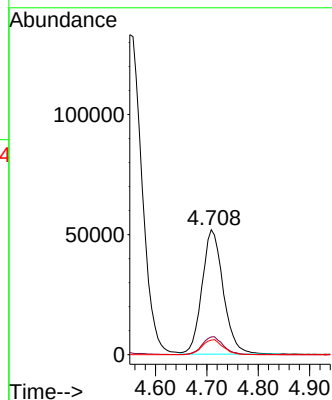
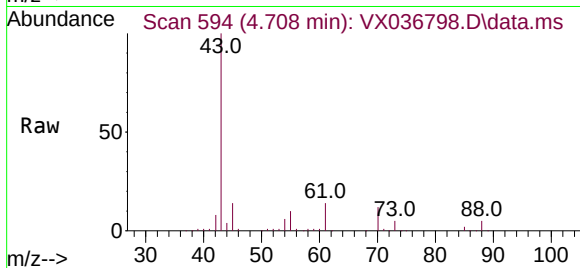
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	12.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#38

Carbon Tetrachloride

Concen: 55.621 ug/l

RT: 5.678 min Scan# 753

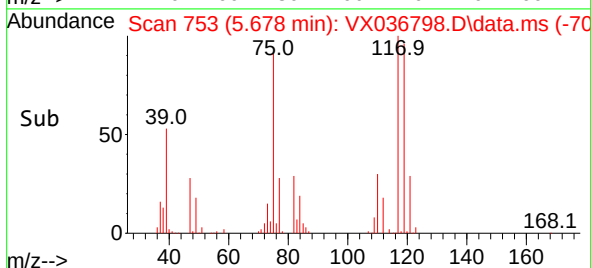
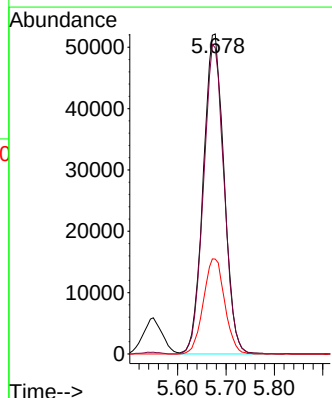
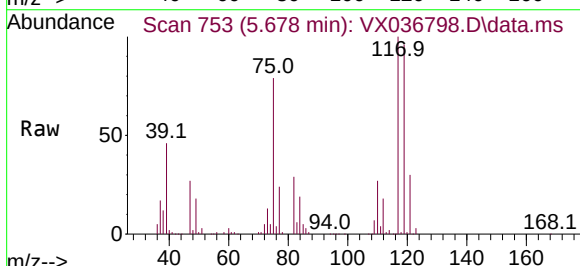
Delta R.T. -0.000 min

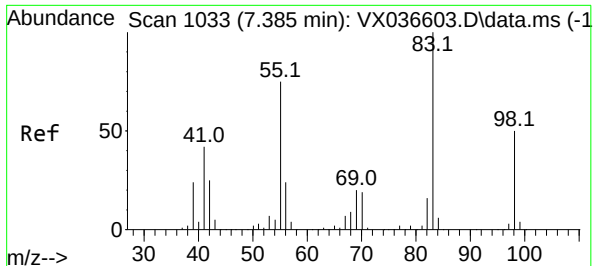
Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Tgt Ion:117 Resp: 155464

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.2
121	29.7	24.4	36.6





#39

Methylcyclohexane

Concen: 54.231 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 17728

Ion Ratio Lower Upper

83 100

55 73.4 64.6 97.0

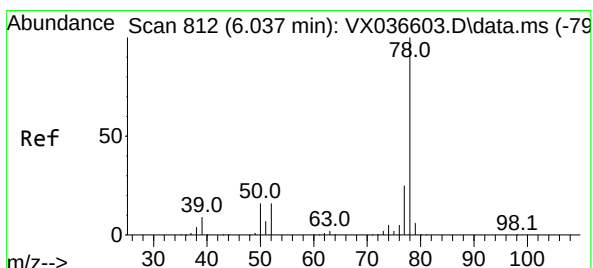
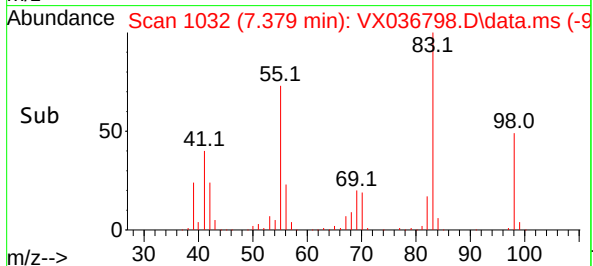
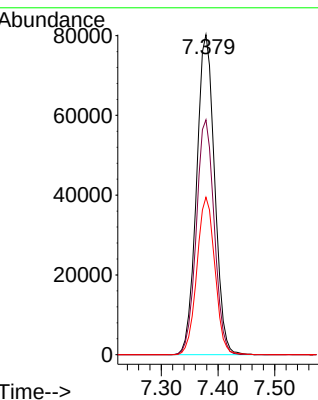
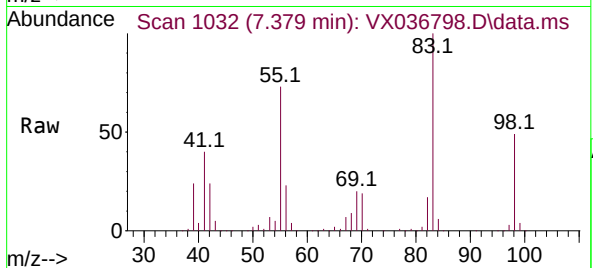
98 49.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#40

Benzene

Concen: 53.007 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX036798.D

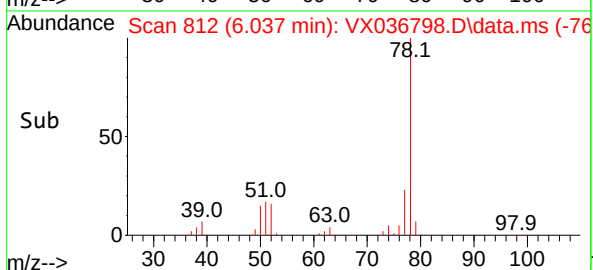
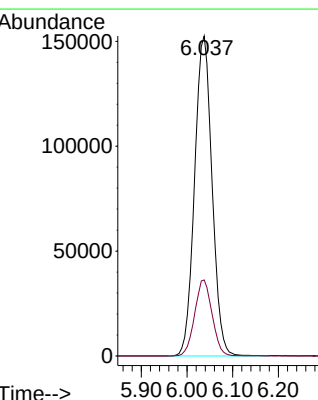
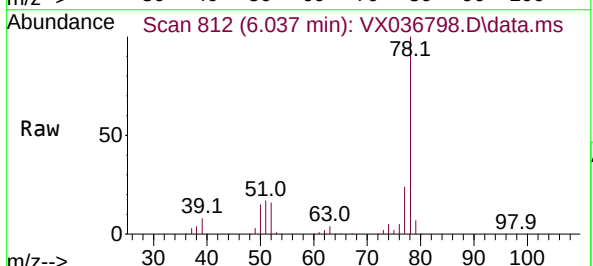
Acq: 04 Aug 2023 10:05

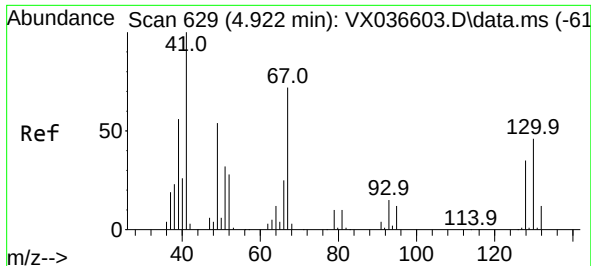
Tgt Ion: 78 Resp: 405458

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 50.825 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

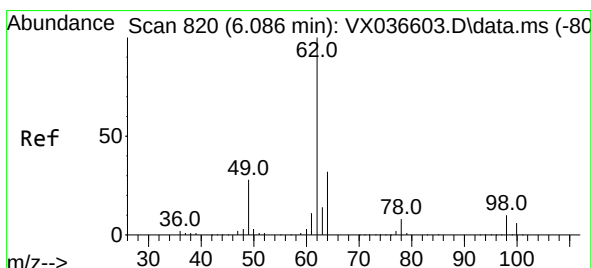
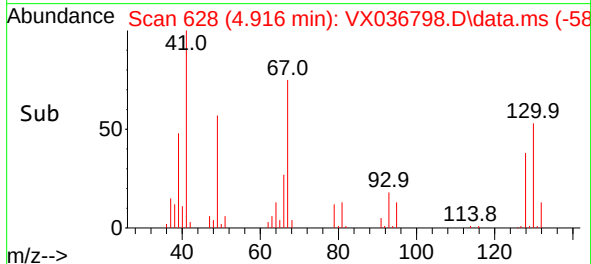
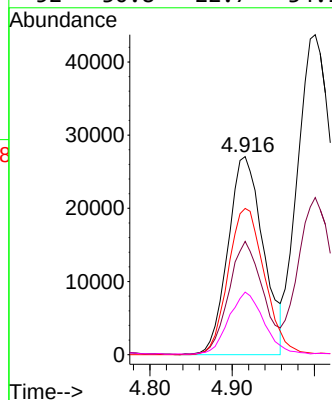
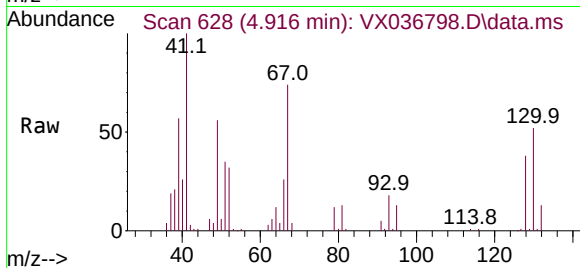
Tgt Ion: 41 Resp: 80889
Ion Ratio Lower Upper
41 100
39 55.8 45.2 67.8
67 76.6 52.6 78.8
52 30.8 22.7 34.1

Manual Integrations

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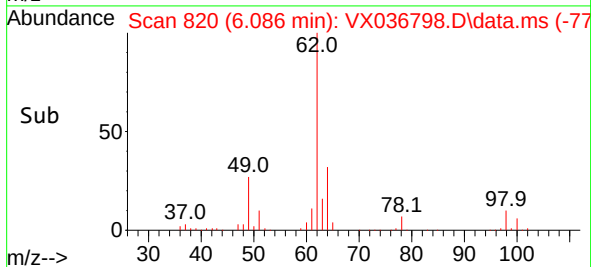
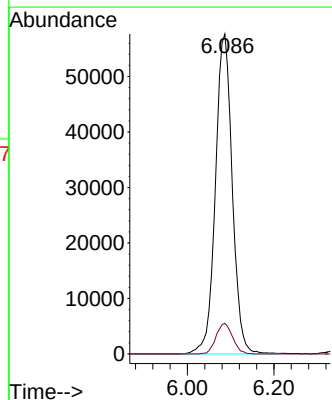
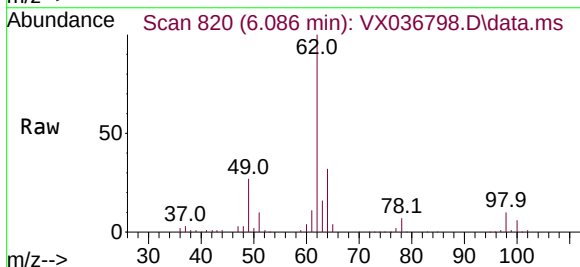
Reviewed By :John Carlone 08/07/2023

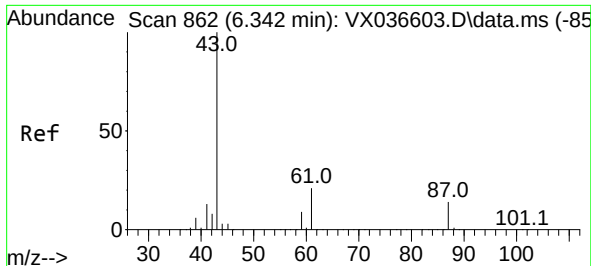
Supervised By :Semsettin Yesilyurt 08/07/2023



#42
1,2-Dichloroethane
Concen: 55.884 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

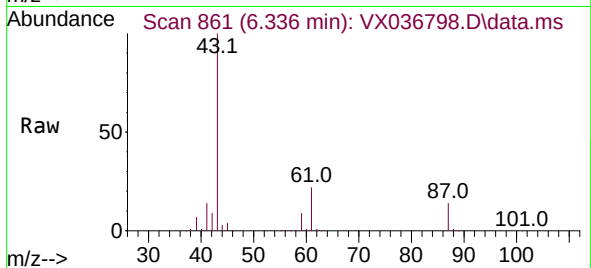
Tgt Ion: 62 Resp: 156289
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.654 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

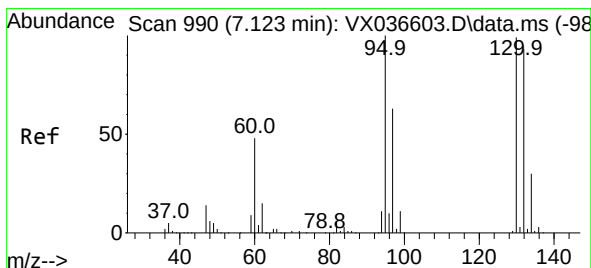
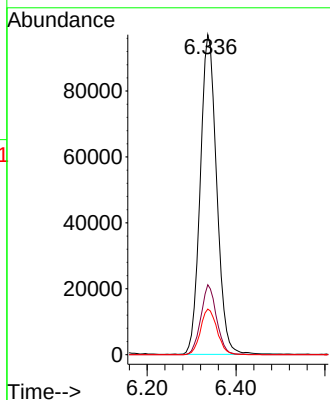
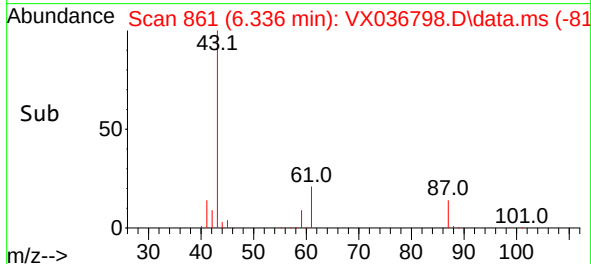
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 249218
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 14.4 9.8 14.6

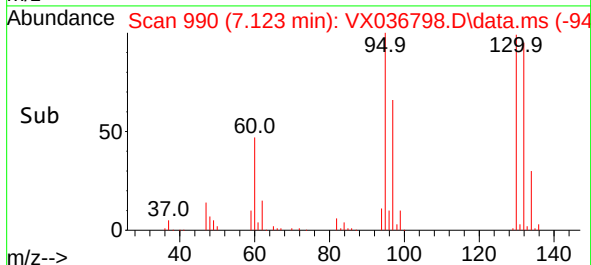
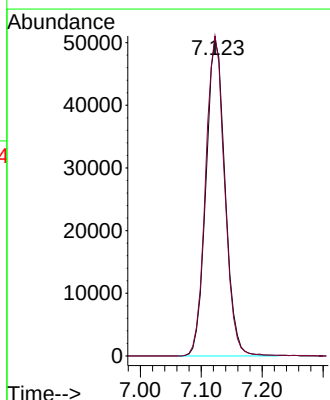
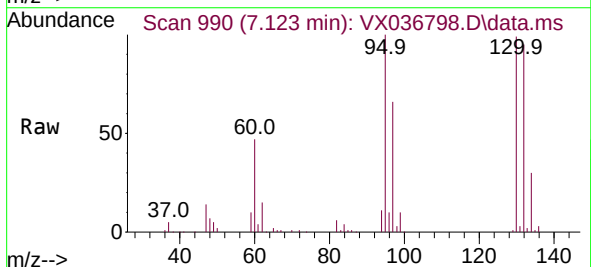
Manual Integrations
APPROVED

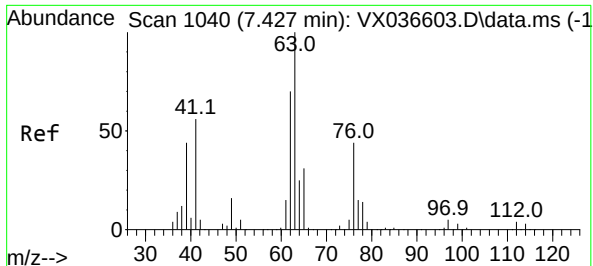
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#44
Trichloroethene
Concen: 55.027 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion:130 Resp: 110020
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.979 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10411

Ion Ratio Lower Upper

63 100

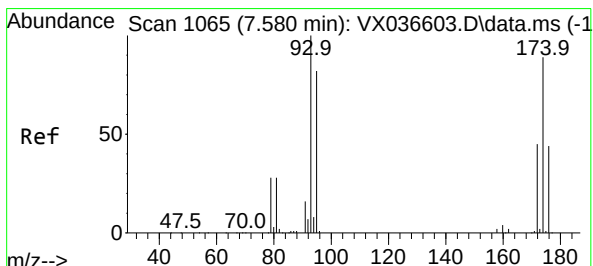
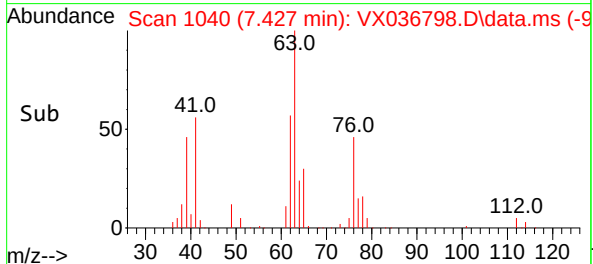
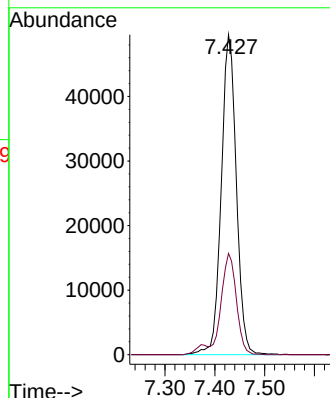
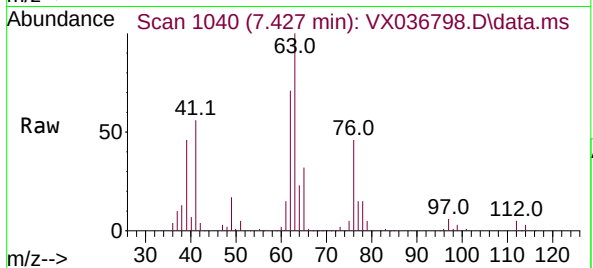
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#46

Dibromomethane

Concen: 54.785 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

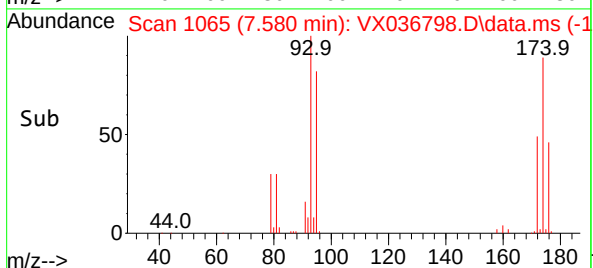
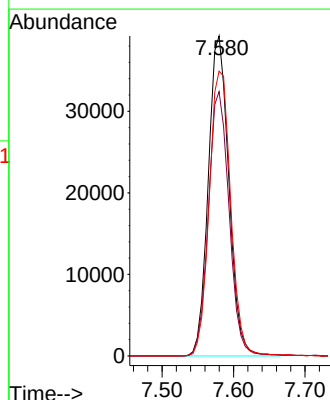
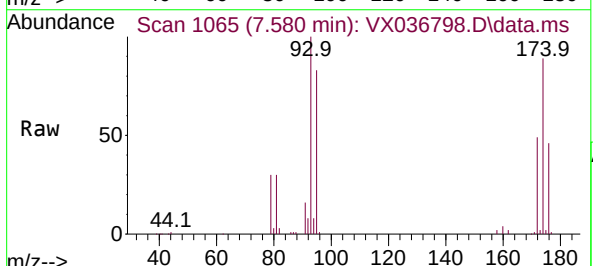
Tgt Ion: 93 Resp: 78304

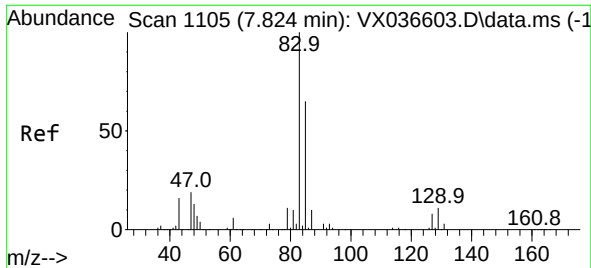
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

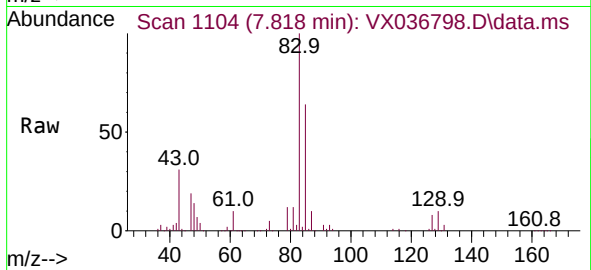
174 93.1 69.4 104.0





#47
Bromodichloromethane
Concen: 53.162 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

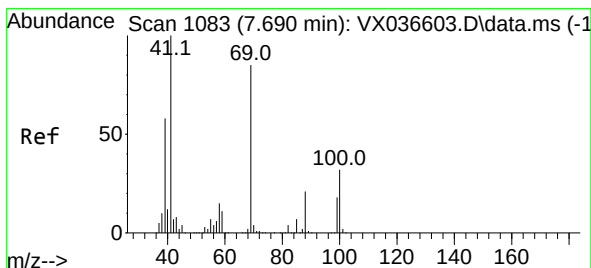
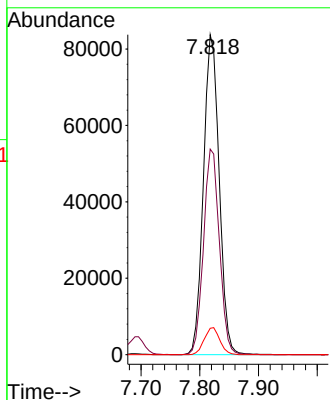
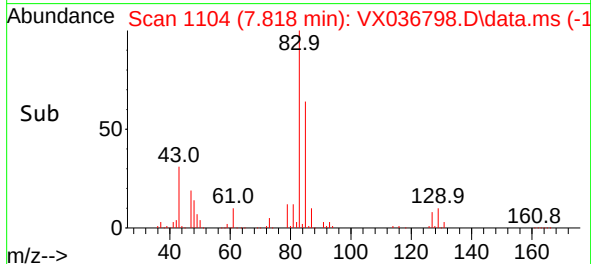
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 155970
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.2 7.1 10.7

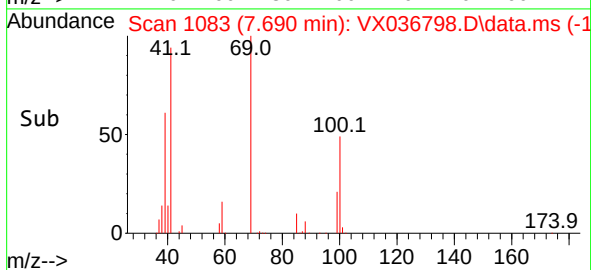
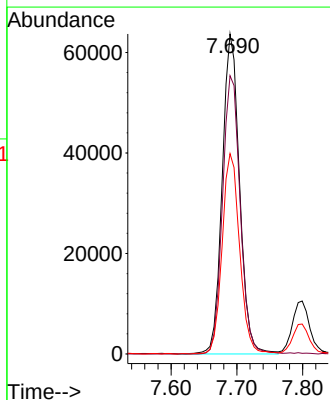
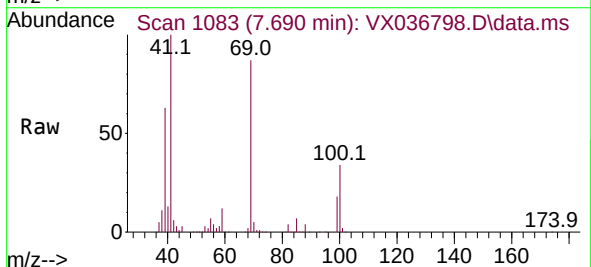
Manual Integrations
APPROVED

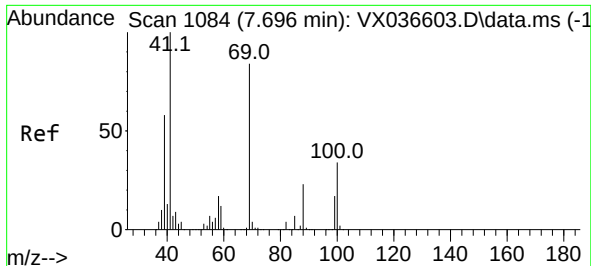
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#48
Methyl methacrylate
Concen: 49.052 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 41 Resp: 116850
Ion Ratio Lower Upper
41 100
69 88.5 59.2 88.8
39 63.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1074.238 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 51690

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0

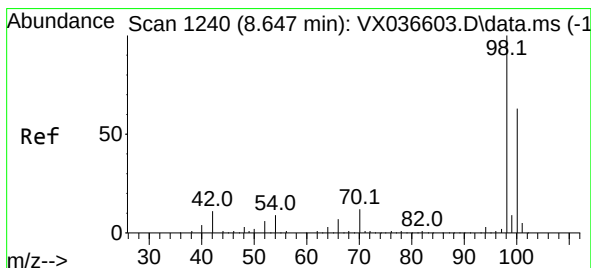
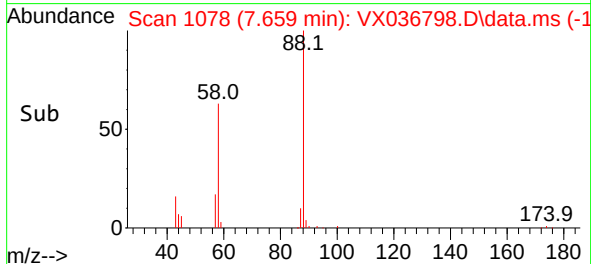
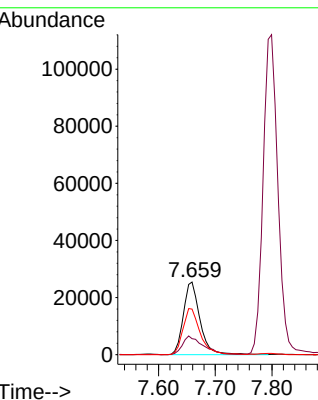
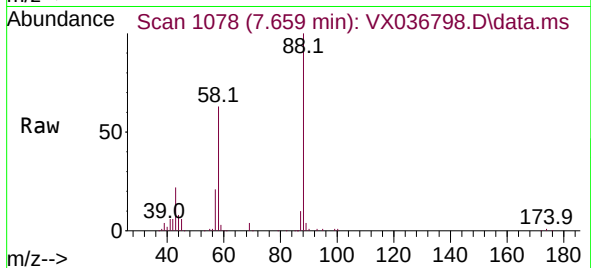
58 65.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#50

Toluene-d8

Concen: 46.834 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036798.D

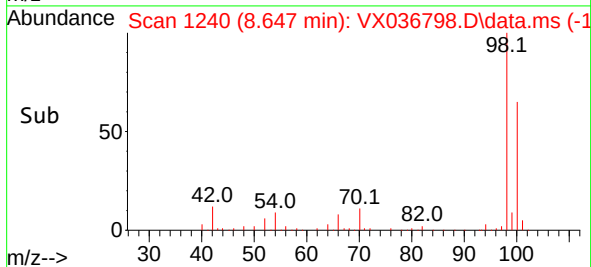
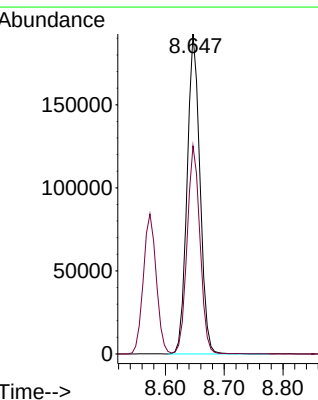
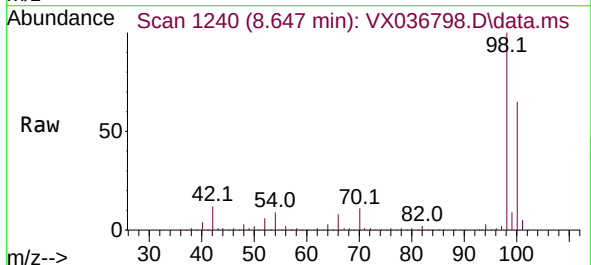
Acq: 04 Aug 2023 10:05

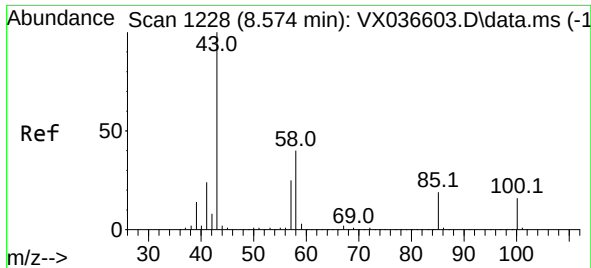
Tgt Ion: 98 Resp: 292953

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7





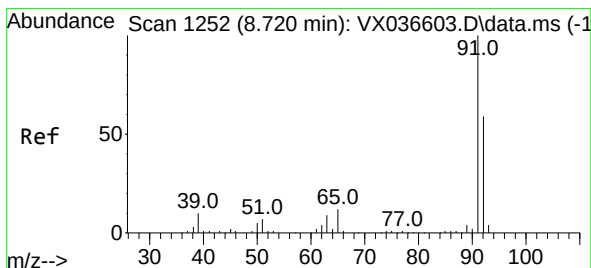
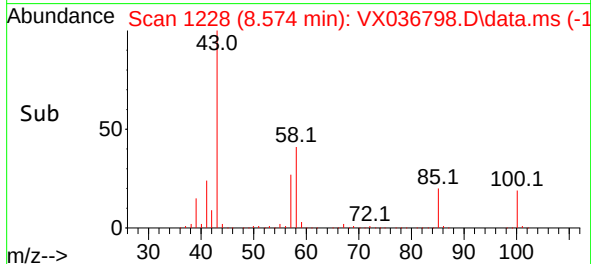
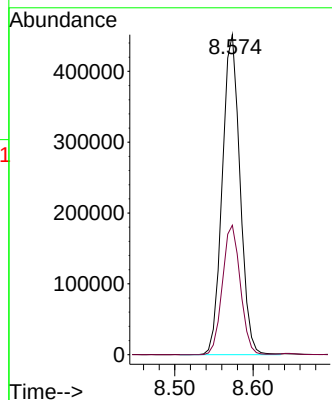
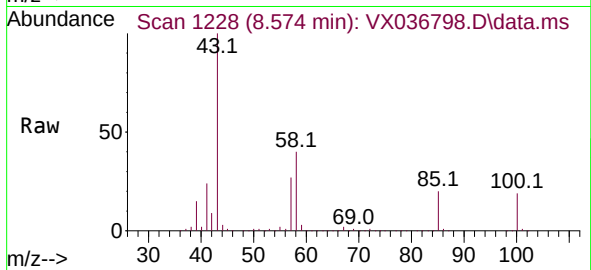
#51
4-Methyl-2-Pentanone
Concen: 250.834 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 711023
Ion Ratio Lower Upper
43 100
58 40.9 30.4 45.6

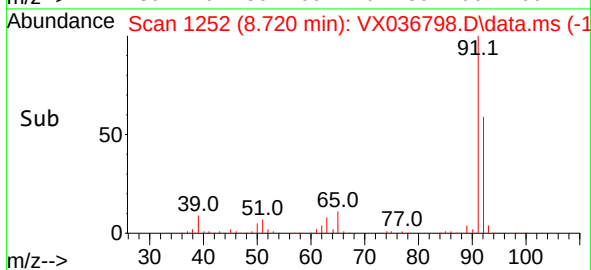
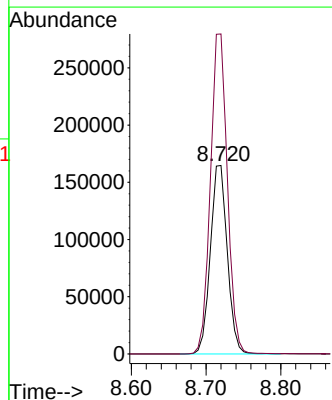
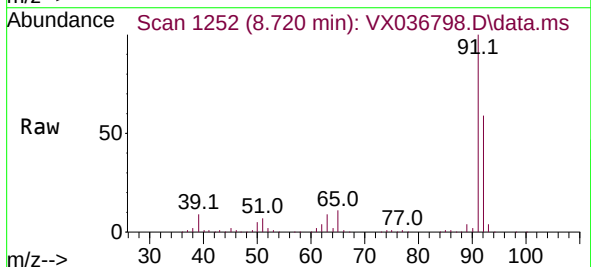
Manual Integrations
APPROVED

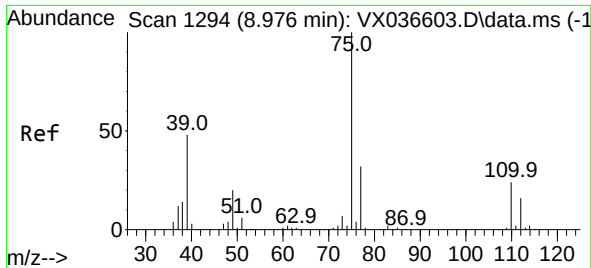
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#52
Toluene
Concen: 54.090 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 92 Resp: 259245
Ion Ratio Lower Upper
92 100
91 170.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.819 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

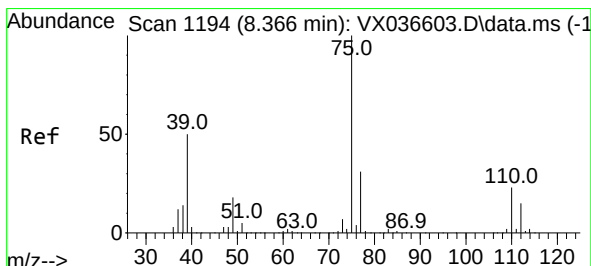
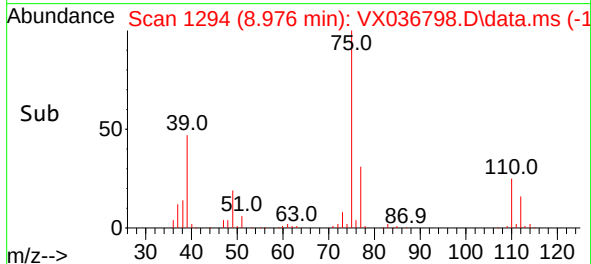
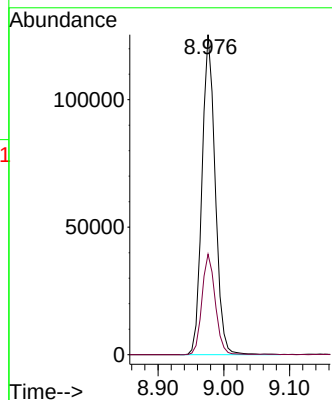
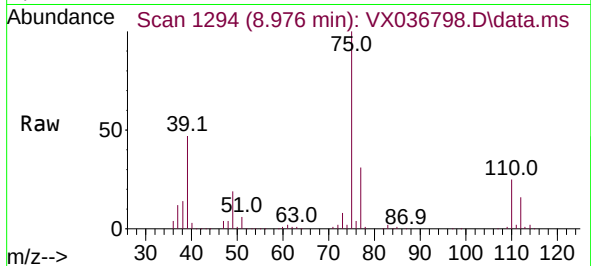
VSTDCCC050

Tgt Ion: 75 Resp: 175148
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations

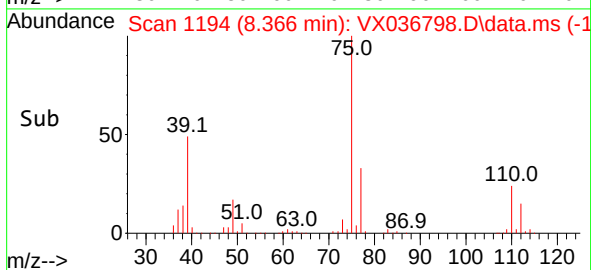
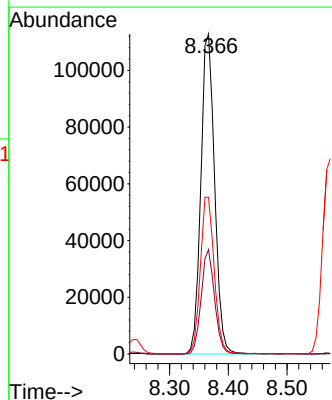
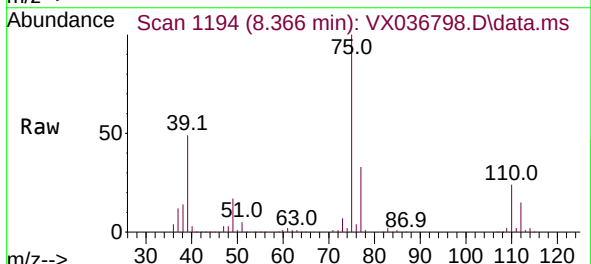
APPROVED

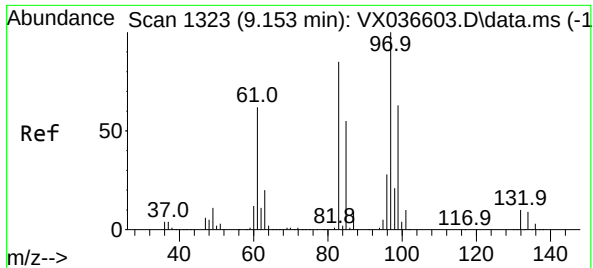
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#54
cis-1,3-Dichloropropene
Concen: 52.554 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

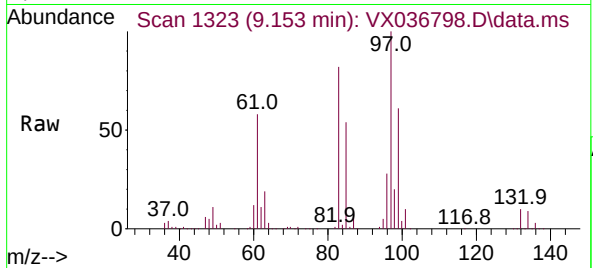
Tgt Ion: 75 Resp: 183891
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 49.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.619 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

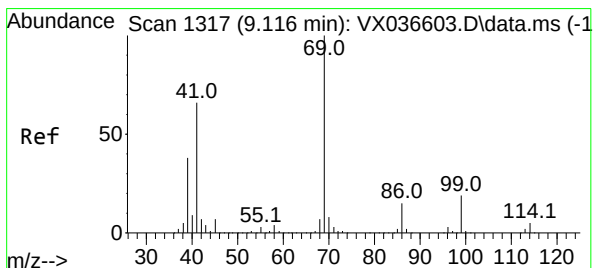
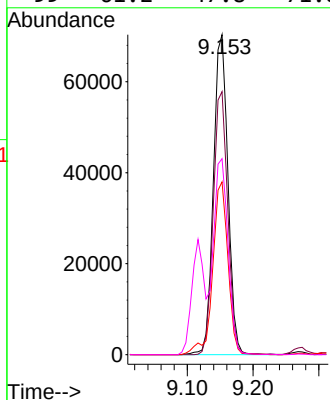
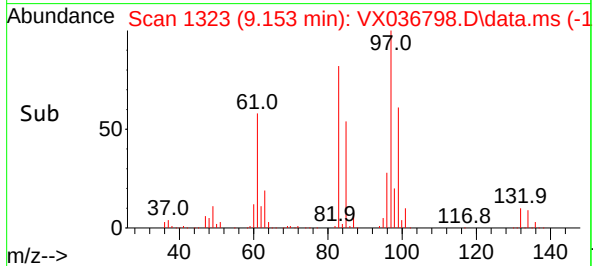
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



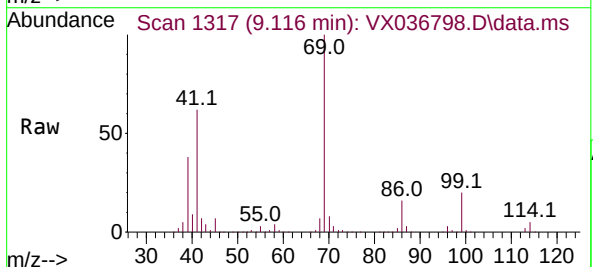
Tgt Ion: 97 Resp: 108020
Ion Ratio Lower Upper
97 100
83 82.2 65.8 98.8
85 54.0 41.6 62.4
99 61.2 47.8 71.8

Manual Integrations
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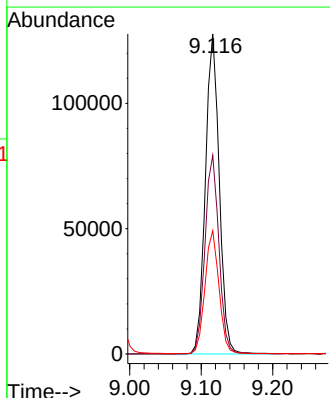
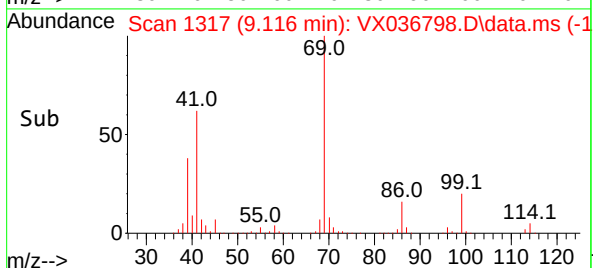
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023

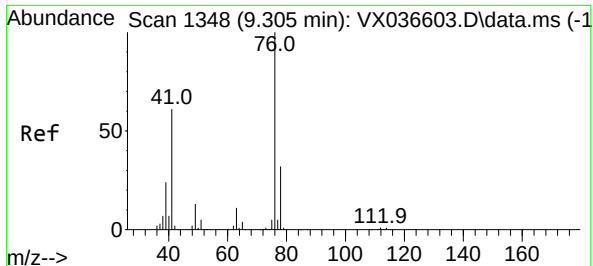


#56
Ethyl methacrylate
Concen: 52.495 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05



Tgt Ion: 69 Resp: 172220
Ion Ratio Lower Upper
69 100
41 62.5 56.8 85.2
39 38.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.715 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 180249

Ion Ratio Lower Upper

76 100

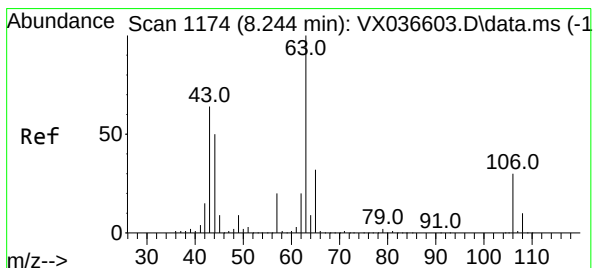
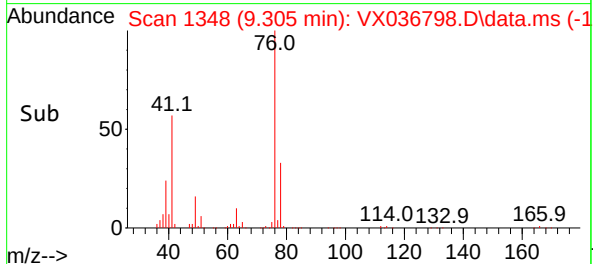
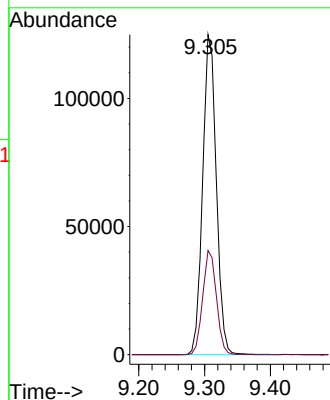
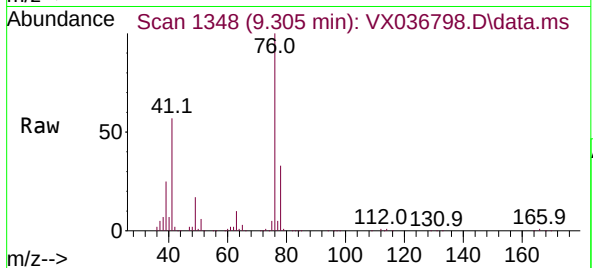
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 233.423 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036798.D

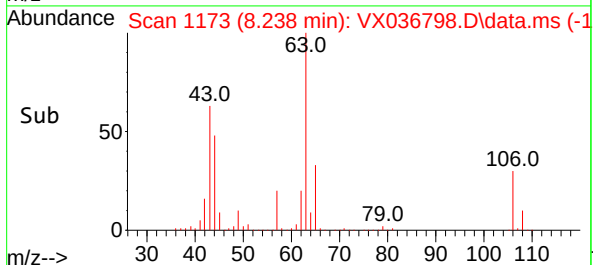
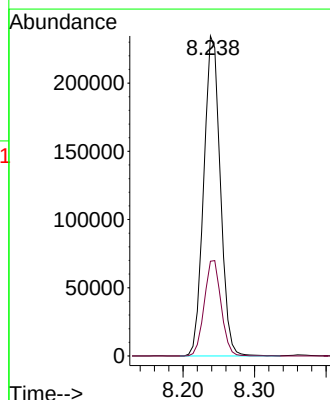
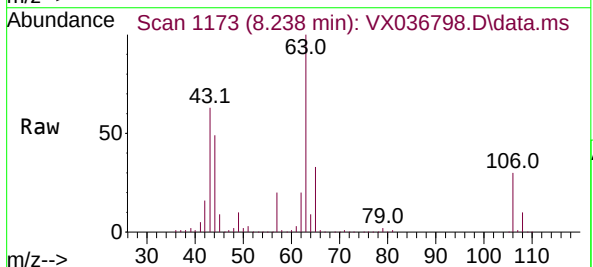
Acq: 04 Aug 2023 10:05

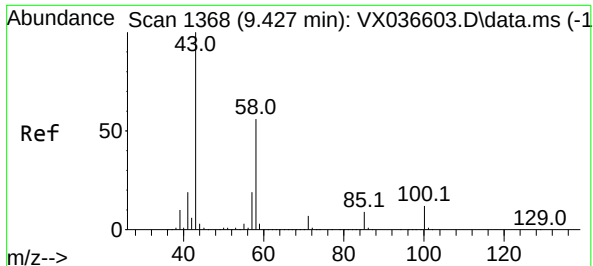
Tgt Ion: 63 Resp: 377327

Ion Ratio Lower Upper

63 100

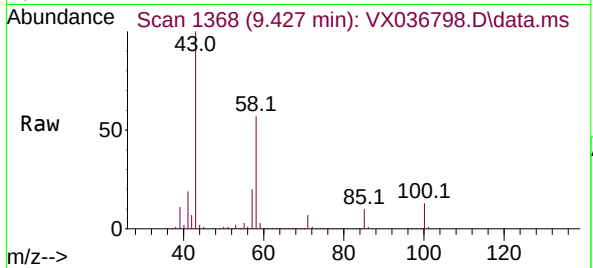
106 30.3 22.5 33.7





#59
2-Hexanone
Concen: 254.587 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

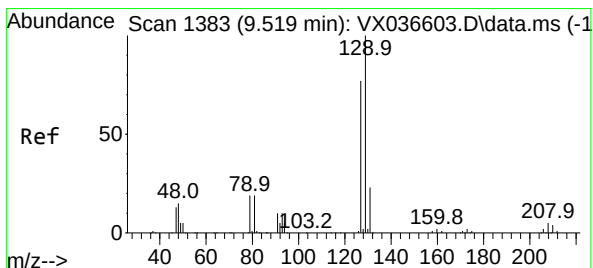
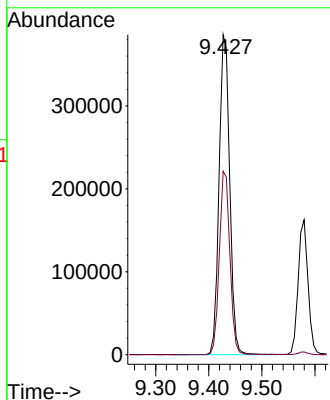
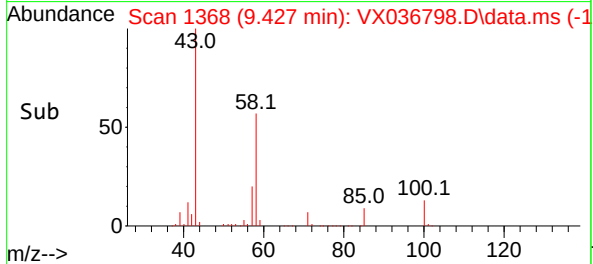
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 53559
Ion Ratio Lower Upper
43 100
58 57.0 26.2 78.5

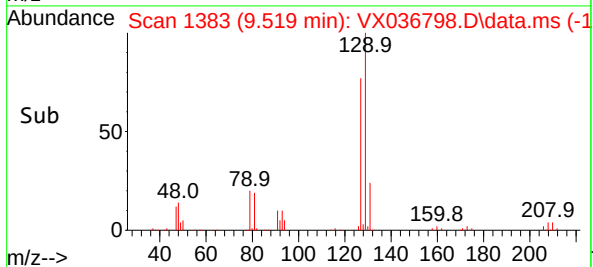
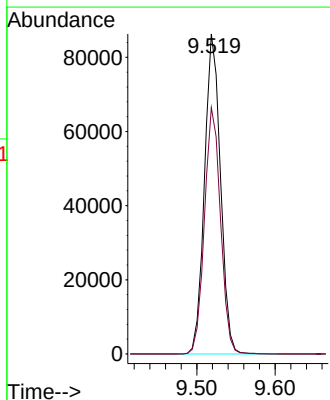
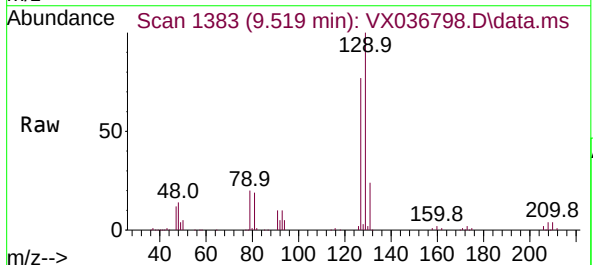
Manual Integrations
APPROVED

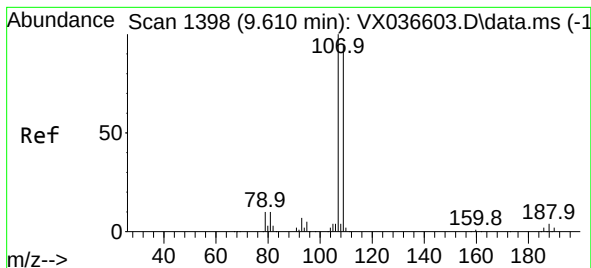
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#60
Dibromochloromethane
Concen: 55.055 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

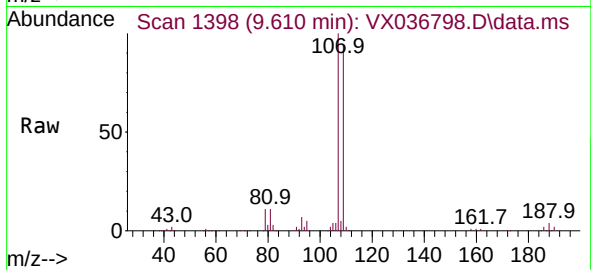
Tgt Ion:129 Resp: 121914
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.409 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

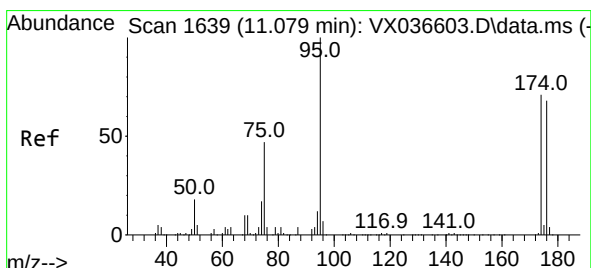
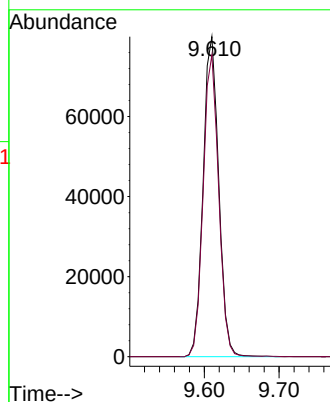
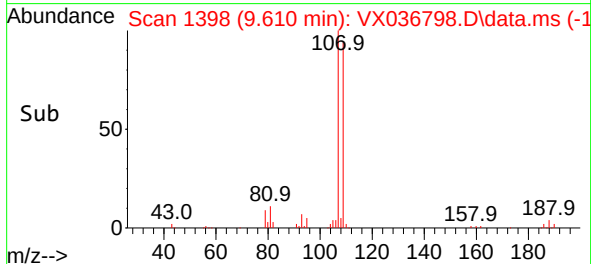
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



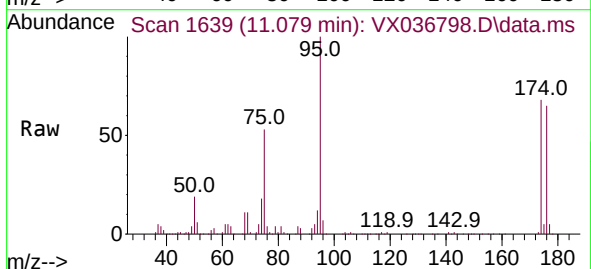
Tgt Ion:107 Resp: 115697
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations
APPROVED

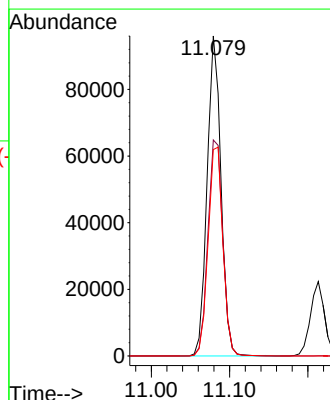
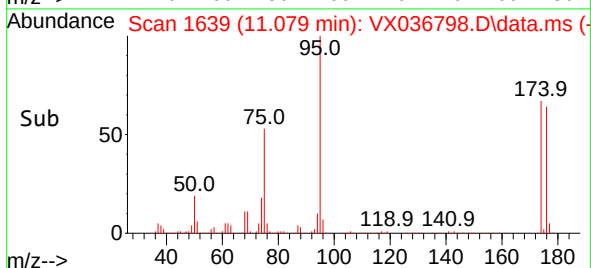
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023

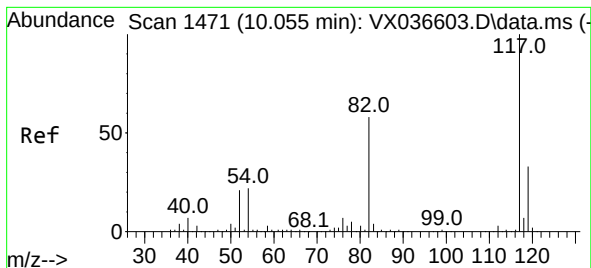


#62
4-Bromofluorobenzene
Concen: 49.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05



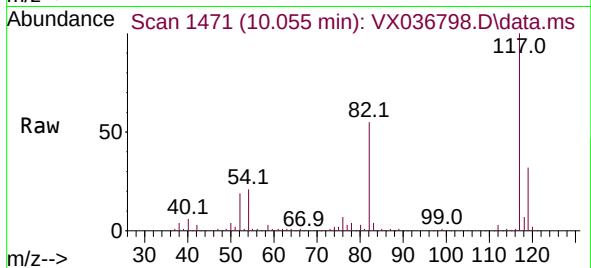
Tgt Ion: 95 Resp: 117375
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 69.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

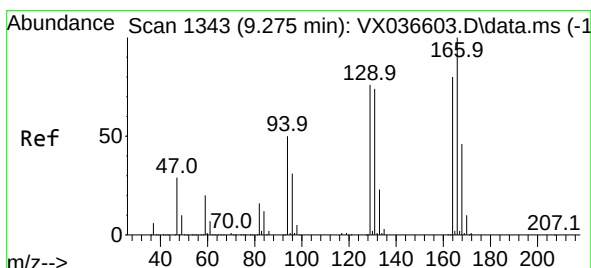
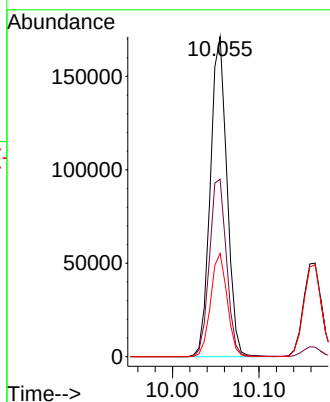
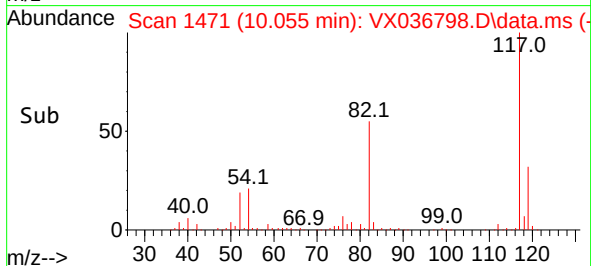
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 228735
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.2 25.5 38.3

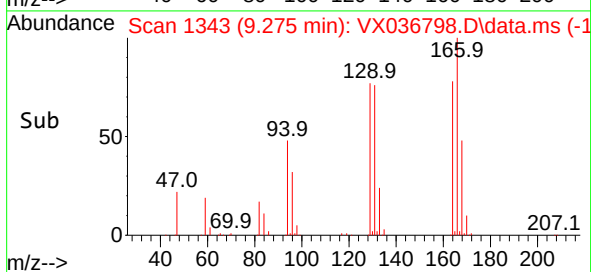
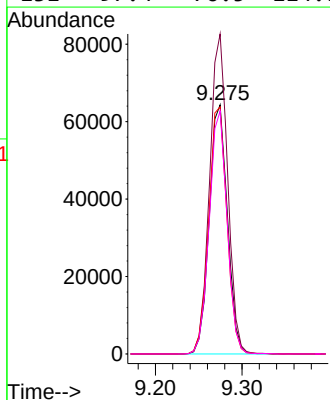
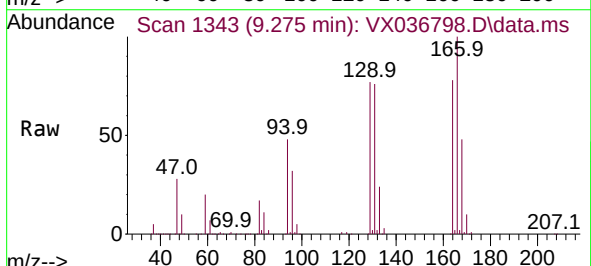
Manual Integrations
APPROVED

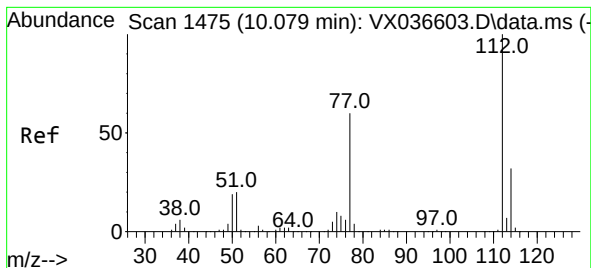
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#64
Tetrachloroethene
Concen: 54.953 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

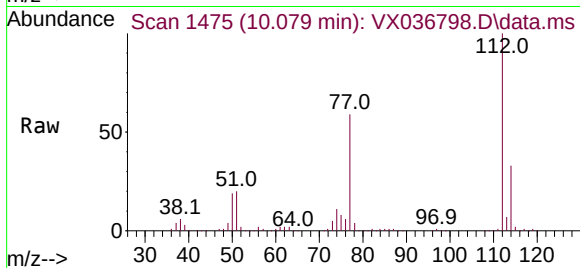
Tgt Ion:164 Resp: 93755
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 99.2 80.4 120.6
131 97.4 76.5 114.7





#65
Chlorobenzene
Concen: 54.678 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

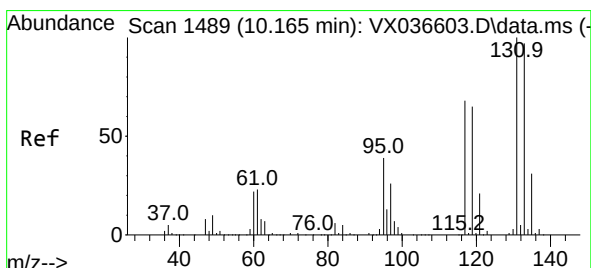
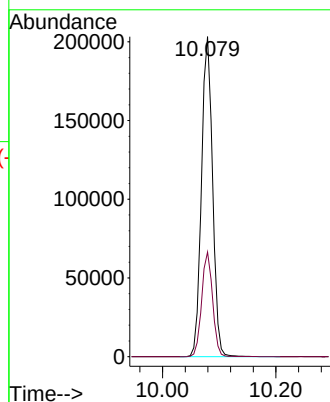
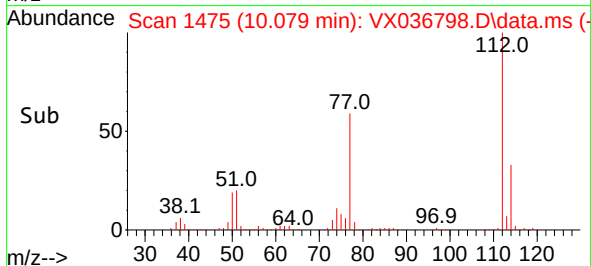
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



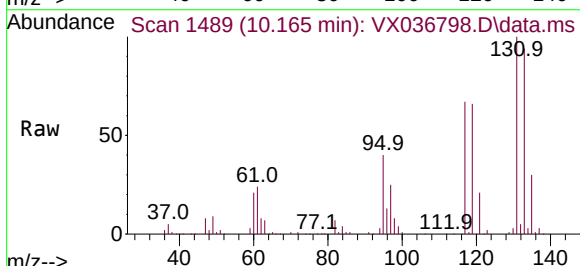
Tgt Ion:112 Resp: 27568
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

Manual Integrations
APPROVED

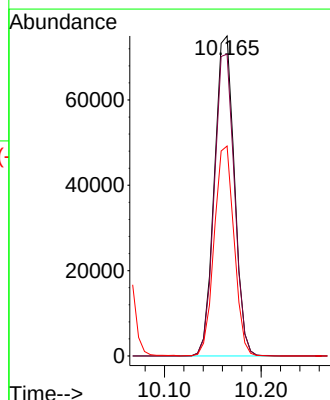
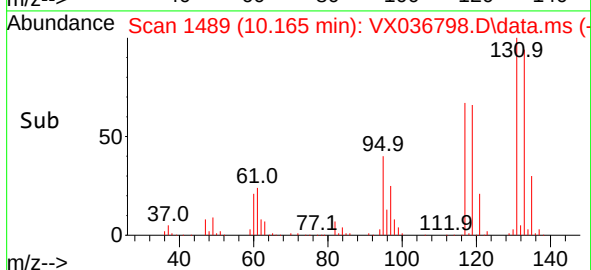
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023

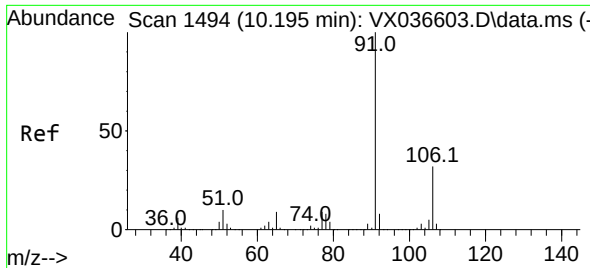


#66
1,1,1,2-Tetrachloroethane
Concen: 55.189 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05



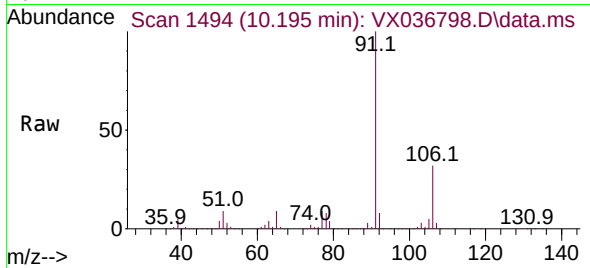
Tgt Ion:131 Resp: 107552
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 54.116 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

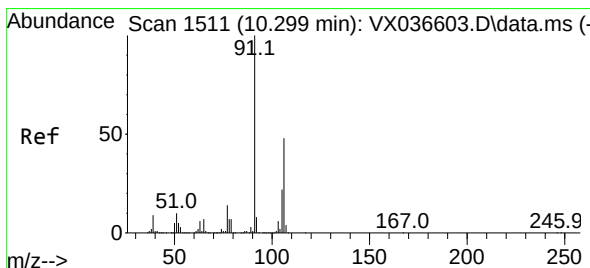
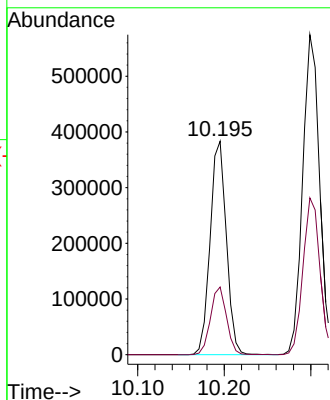
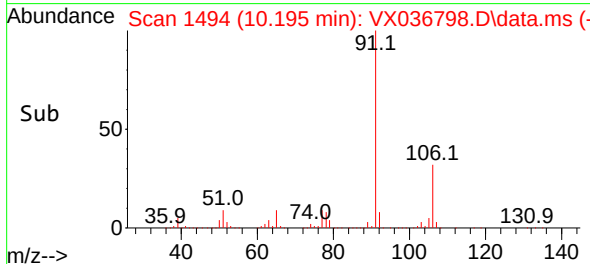
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



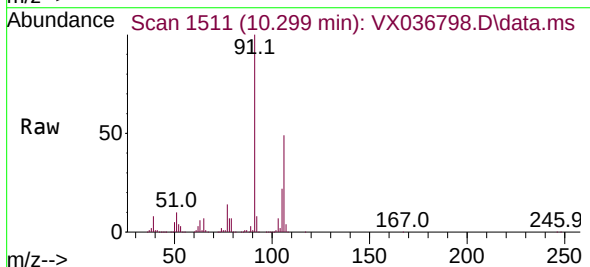
Tgt Ion: 91 Resp: 498450
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

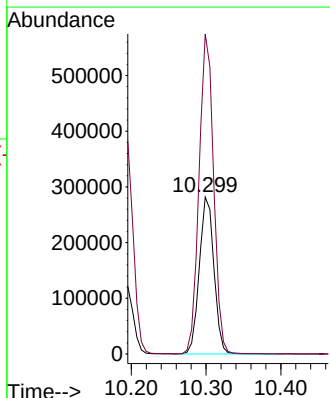
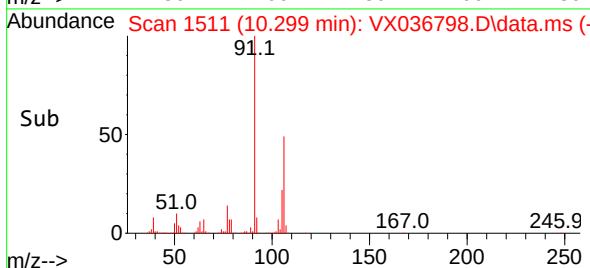
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023

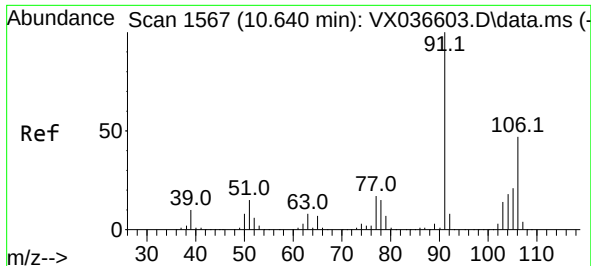


#68
m/p-Xylenes
Concen: 111.186 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05



Tgt Ion:106 Resp: 382105
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3





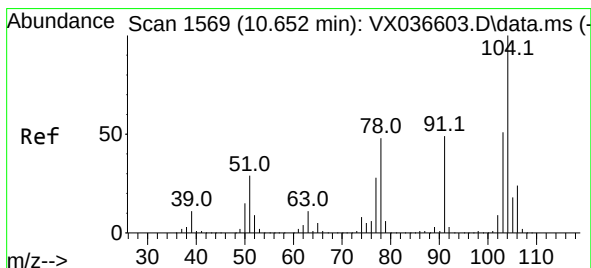
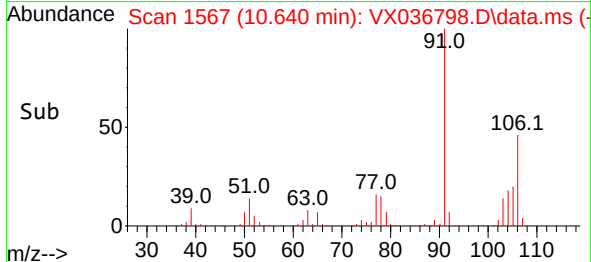
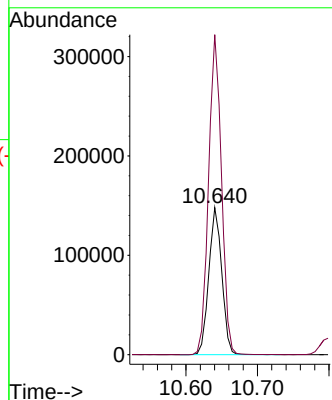
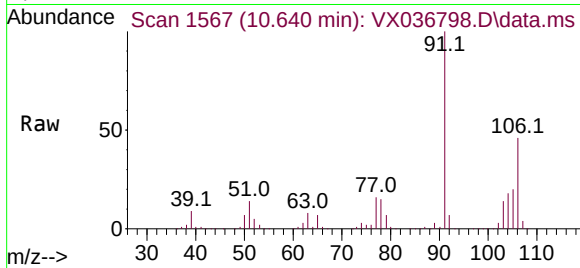
#69
o-Xylene
Concen: 54.501 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 186958
Ion Ratio Lower Upper
106 100
91 215.6 108.9 326.8

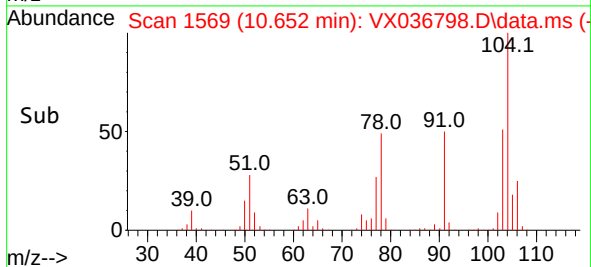
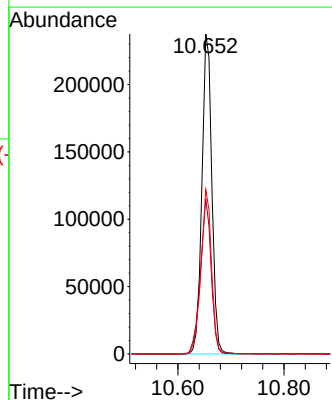
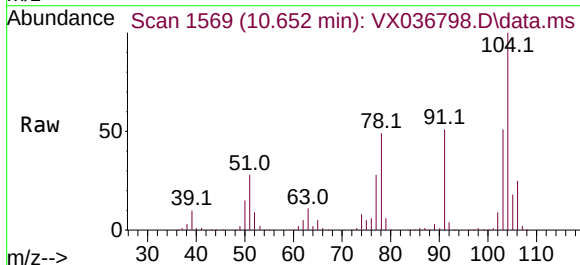
Manual Integrations
APPROVED

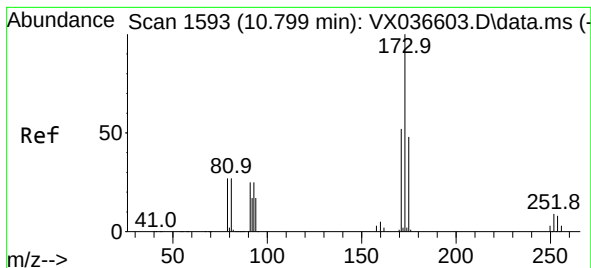
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#70
Styrene
Concen: 54.861 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion:104 Resp: 310494
Ion Ratio Lower Upper
104 100
78 52.5 43.6 65.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 54.758 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 8638

Ion Ratio Lower Upper

173 100

175 47.6 24.1 72.4

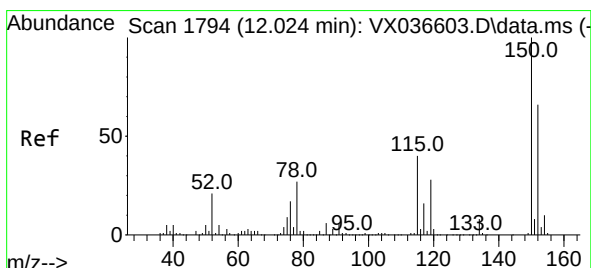
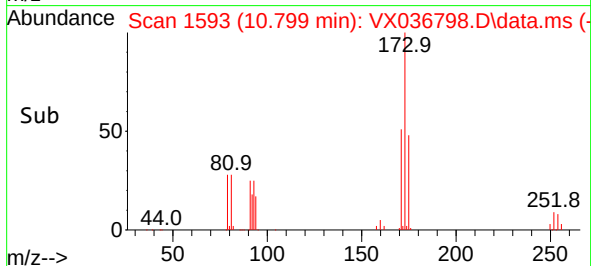
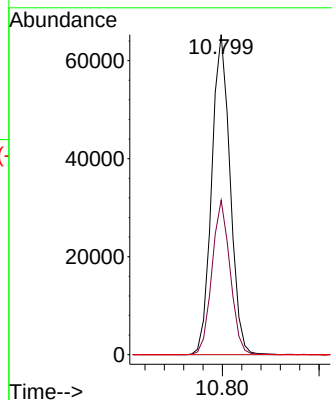
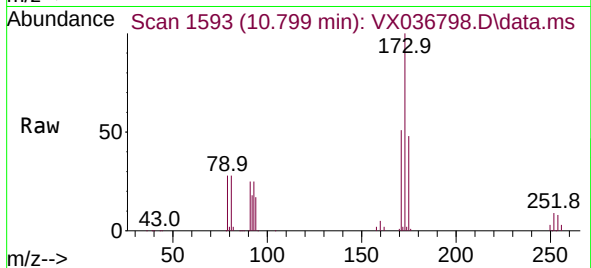
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

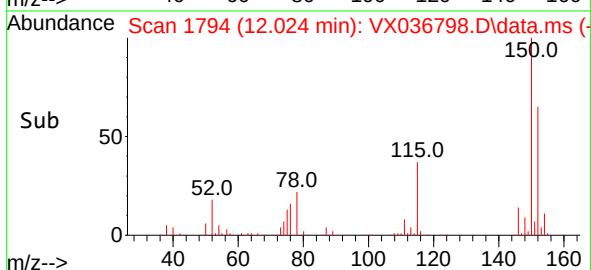
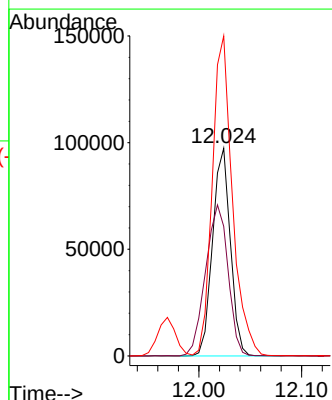
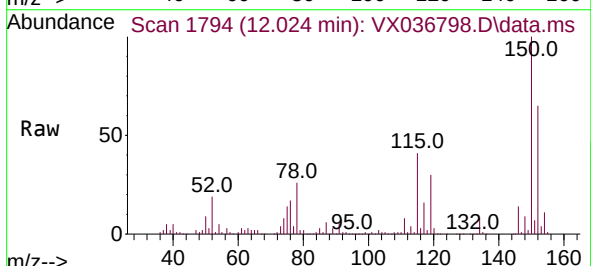
Tgt Ion:152 Resp: 117122

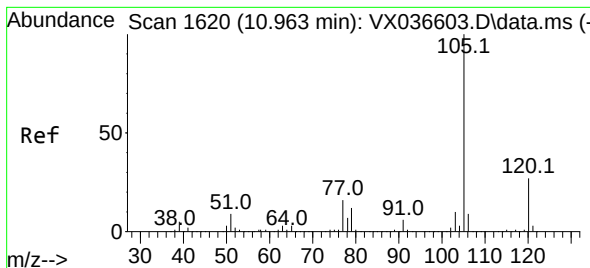
Ion Ratio Lower Upper

152 100

115 92.2 43.3 129.9

150 173.9 0.0 345.0





#73

Isopropylbenzene

Concen: 50.387 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 48839

Ion Ratio Lower Upper

105 100

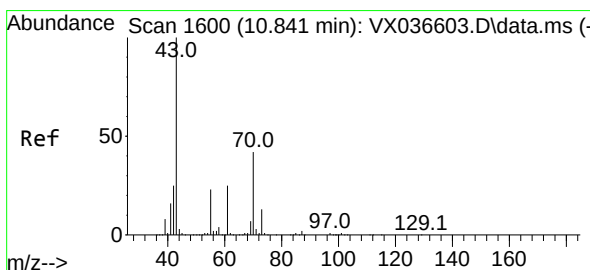
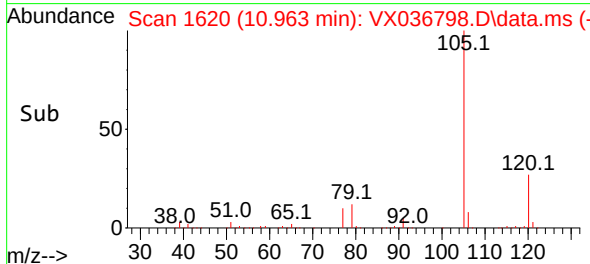
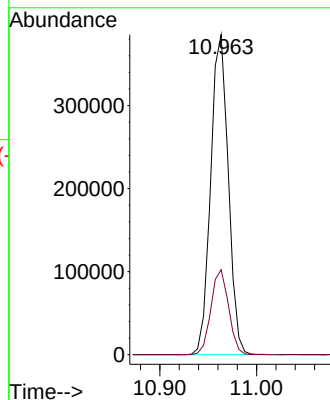
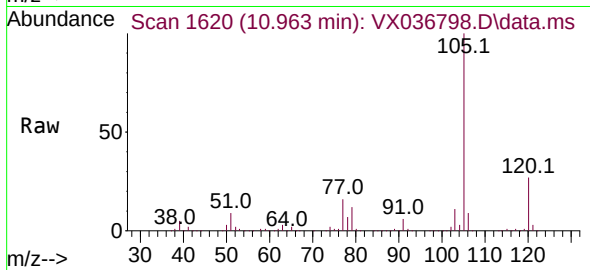
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#74

N-ethyl acetate

Concen: 45.846 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Tgt Ion: 43 Resp: 207225

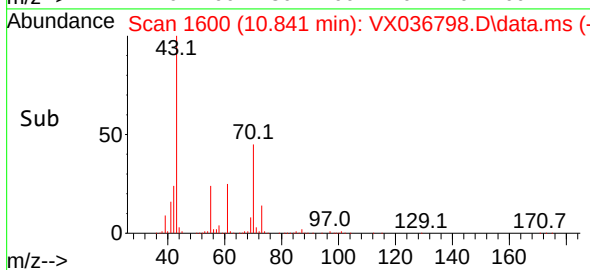
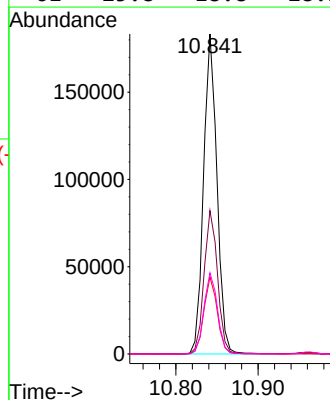
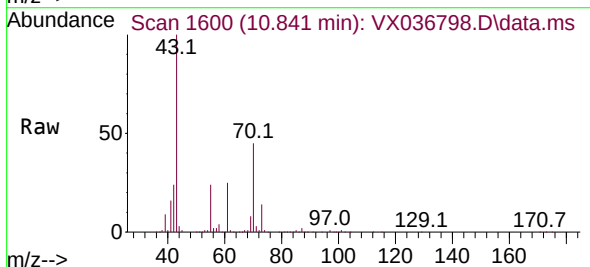
Ion Ratio Lower Upper

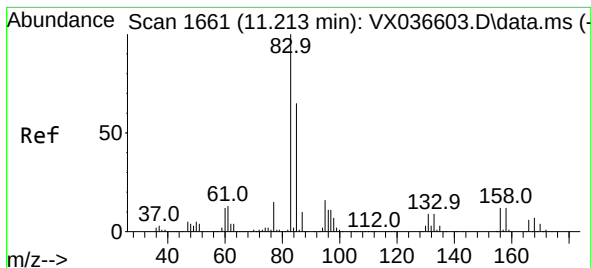
43 100

70 45.2 32.9 49.3

55 24.2 19.3 28.9

61 25.8 18.8 28.2





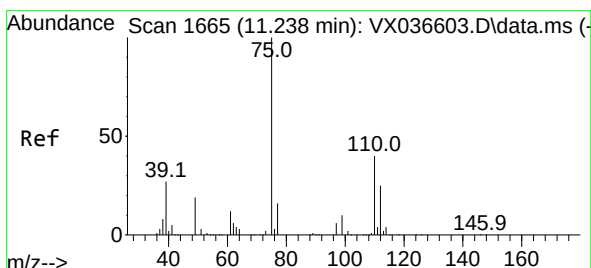
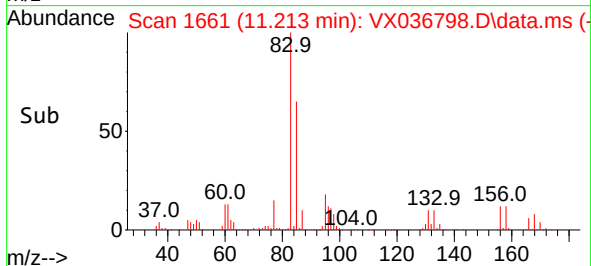
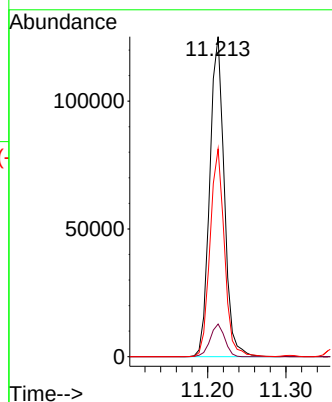
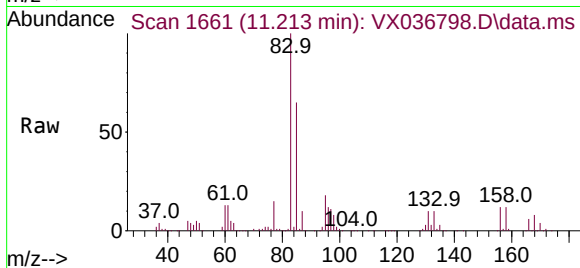
#75
1,1,2,2-Tetrachloroethane
Concen: 49.204 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 161083
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.4 32.0 96.2

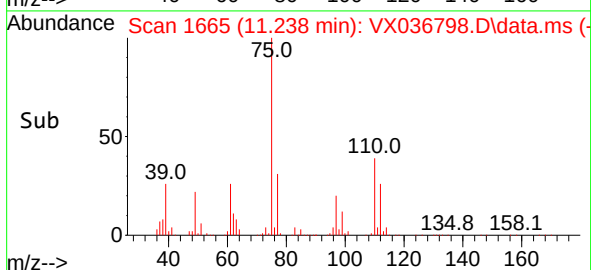
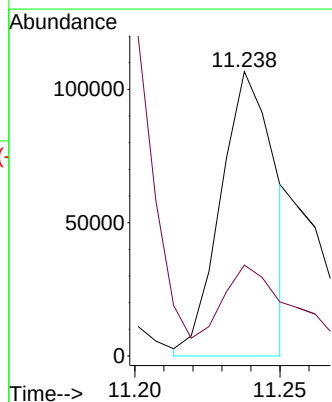
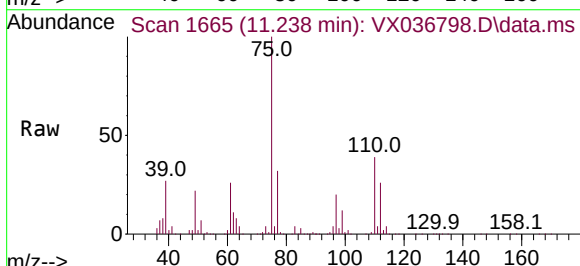
Manual Integrations
APPROVED

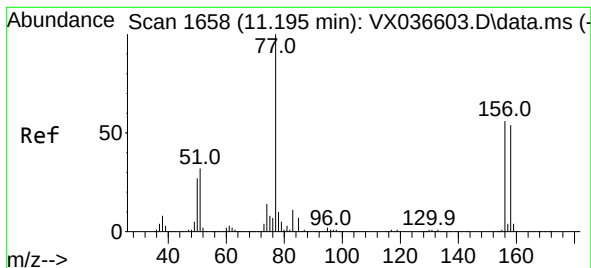
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#76
1,2,3-Trichloropropane
Concen: 49.930 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion: 75 Resp: 137548
Ion Ratio Lower Upper
75 100
77 43.7 19.1 57.5





#77

Bromobenzene

Concen: 52.307 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 11546

Ion Ratio Lower Upper

156 100

77 164.9 88.4 265.3

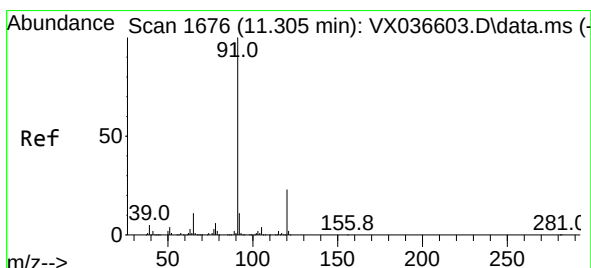
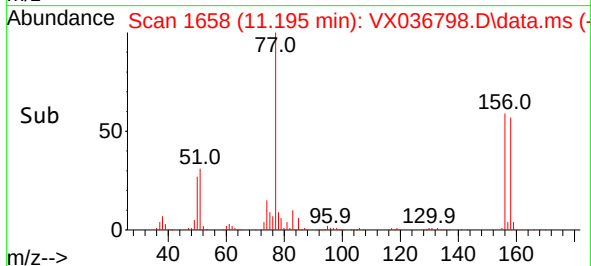
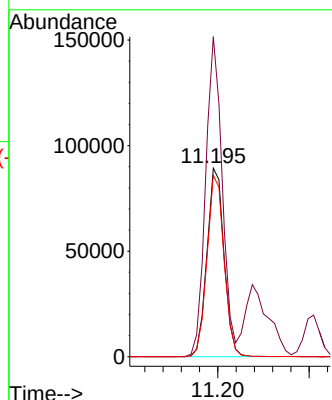
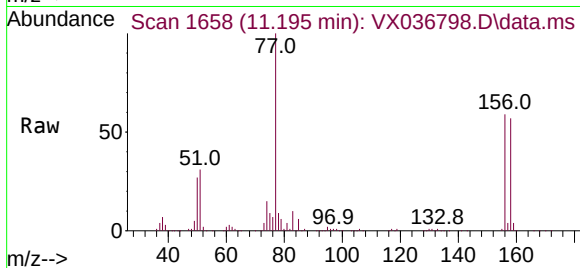
158 95.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#78

n-propylbenzene

Concen: 51.274 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036798.D

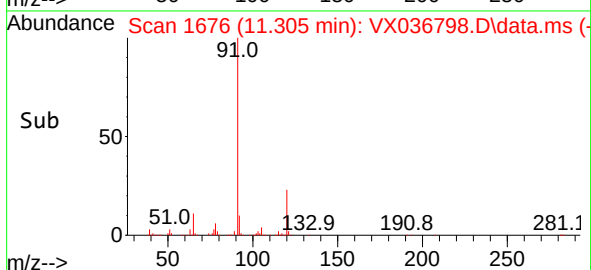
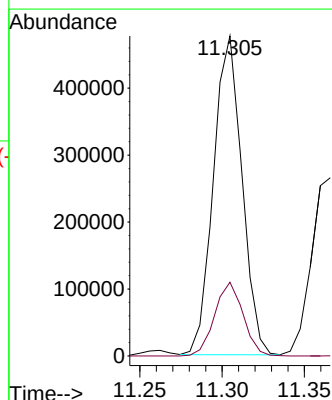
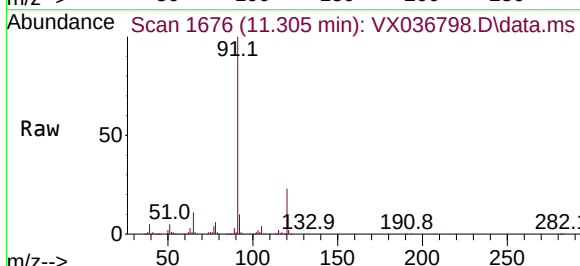
Acq: 04 Aug 2023 10:05

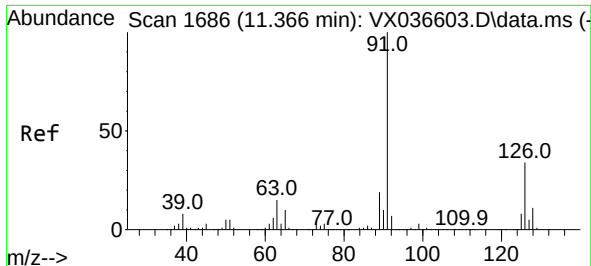
Tgt Ion: 91 Resp: 574778

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





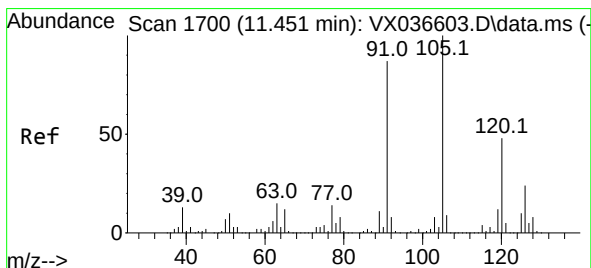
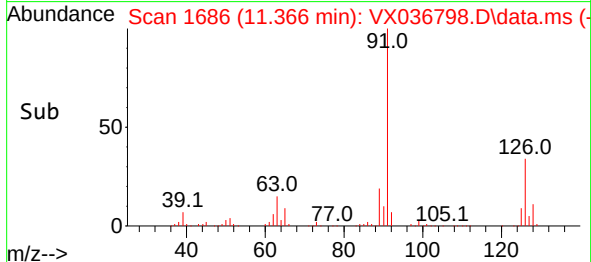
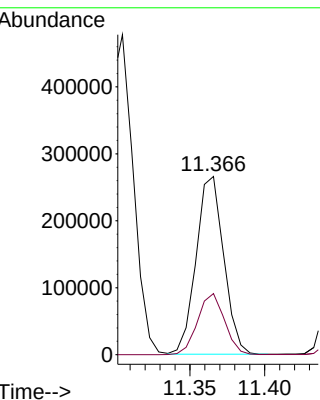
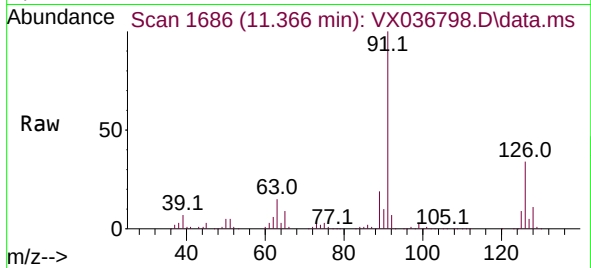
#79
2-Chlorotoluene
Concen: 50.247 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 34131
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

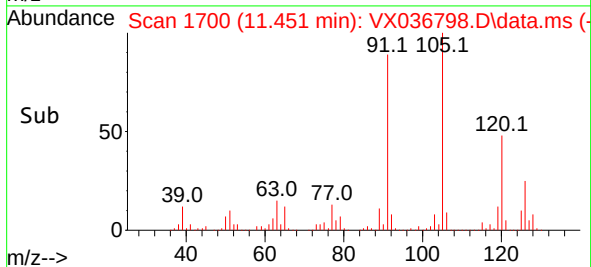
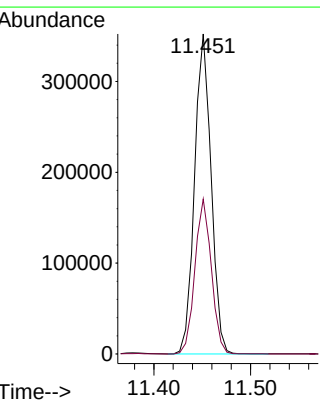
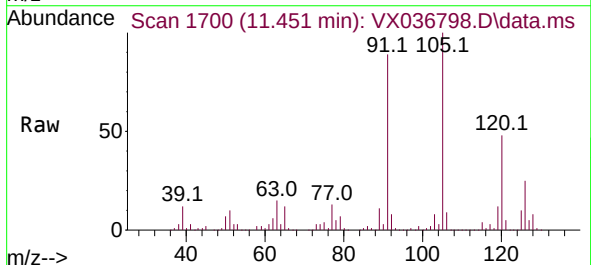
Manual Integrations
APPROVED

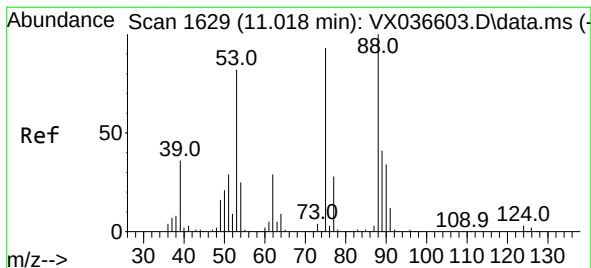
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion:105 Resp: 420077
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





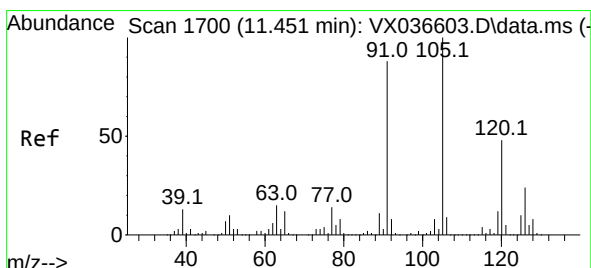
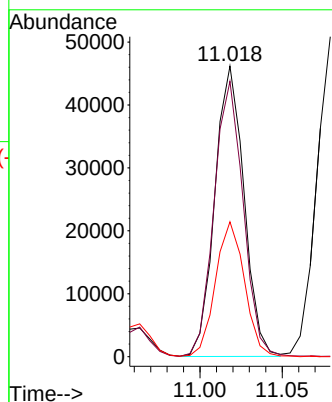
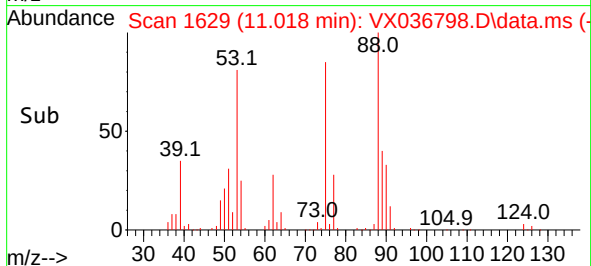
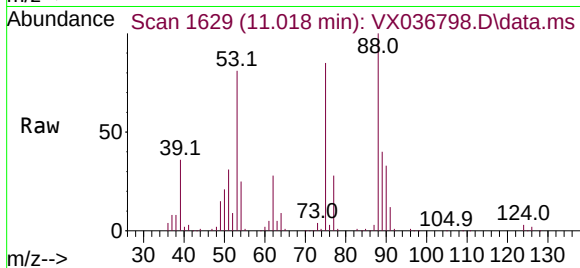
#81
trans-1,4-Dichloro-2-butene
Concen: 46.817 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5690
Ion Ratio Lower Upper
75 100
53 94.7 90.5 135.7
89 46.3 36.9 55.3

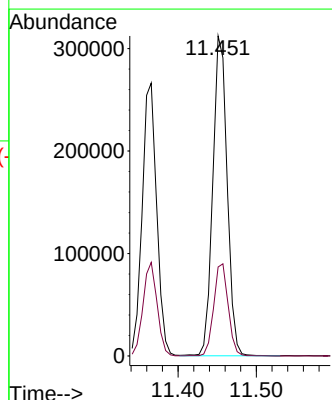
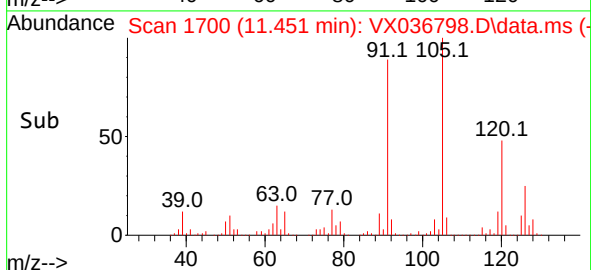
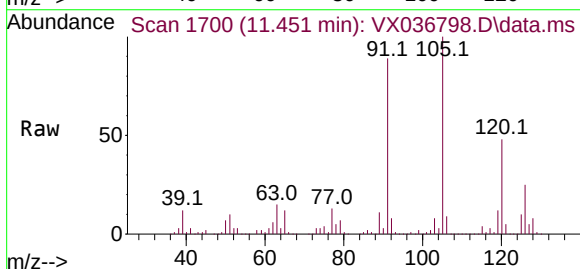
Manual Integrations
APPROVED

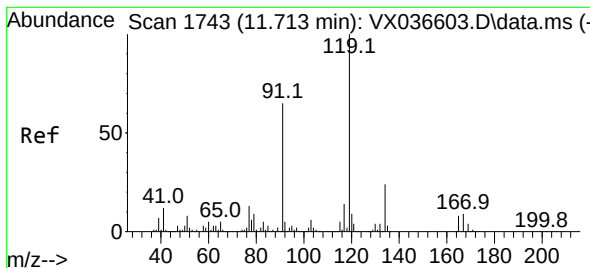
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#82
4-Chlorotoluene
Concen: 51.198 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

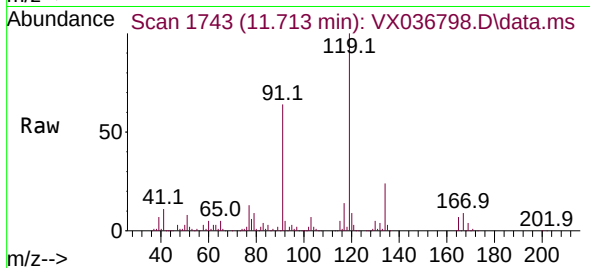
Tgt Ion: 91 Resp: 396258
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.025 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

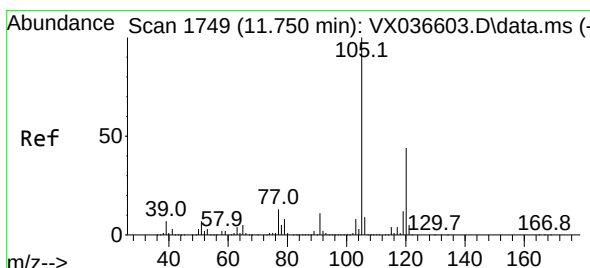
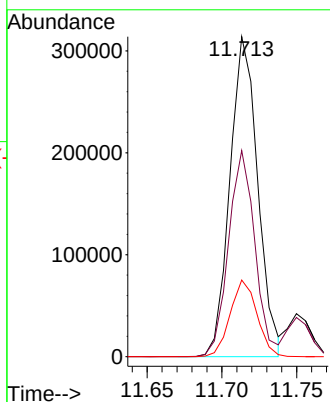
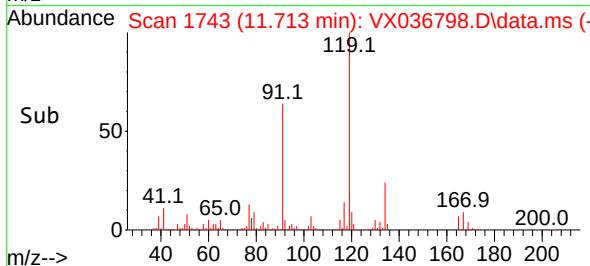
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



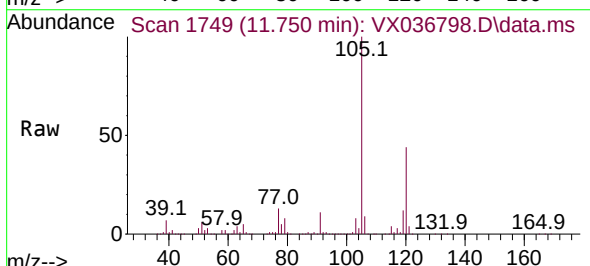
Tgt Ion:119 Resp: 406470
Ion Ratio Lower Upper
119 100
91 61.0 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

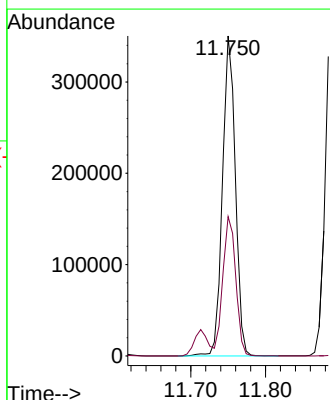
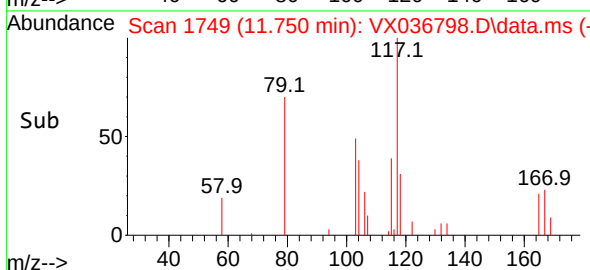
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023

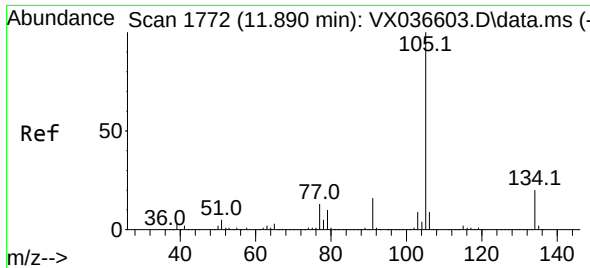


#84
1,2,4-Trimethylbenzene
Concen: 51.737 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05



Tgt Ion:105 Resp: 419562
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





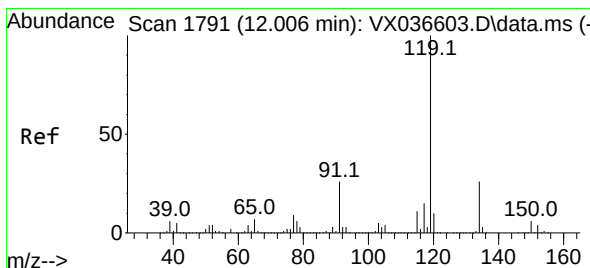
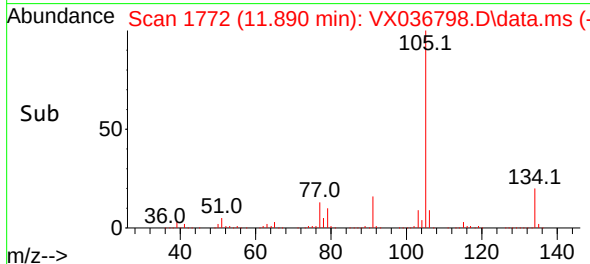
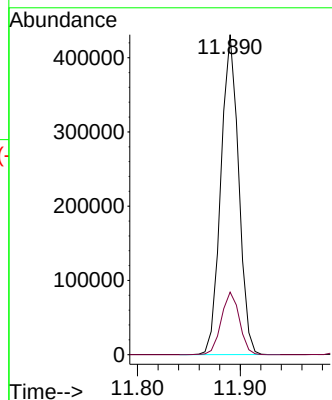
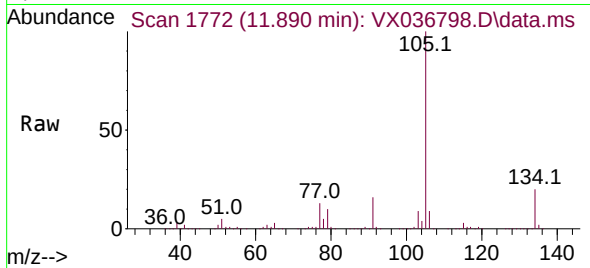
#85
 sec-Butylbenzene
 Concen: 51.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036798.D
 Acq: 04 Aug 2023 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 514960
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

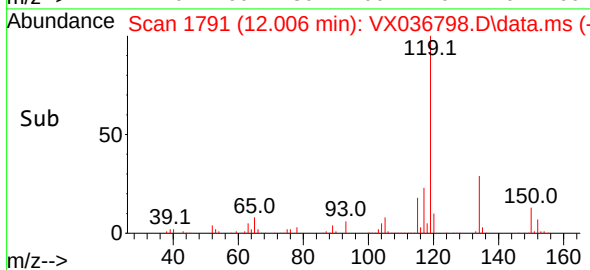
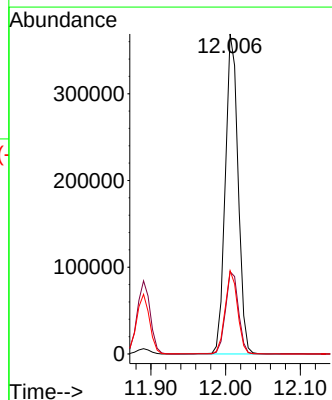
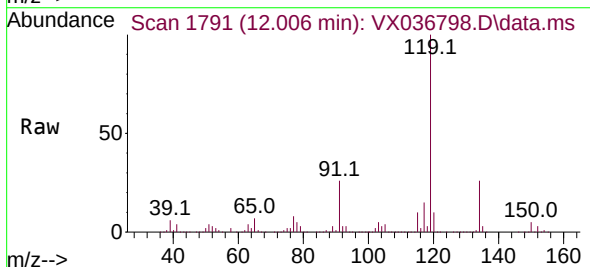
Manual Integrations
 APPROVED

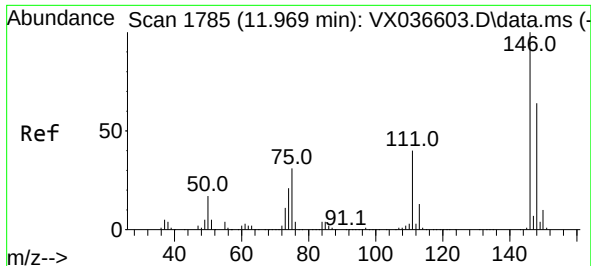
Reviewed By :John Carlone 08/07/2023
 Supervised By :Semsettin Yesilyurt 08/07/2023



#86
 p-Isopropyltoluene
 Concen: 53.642 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036798.D
 Acq: 04 Aug 2023 10:05

Tgt Ion:119 Resp: 438497
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.106 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 217118

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

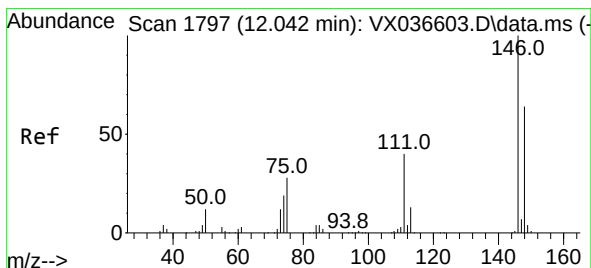
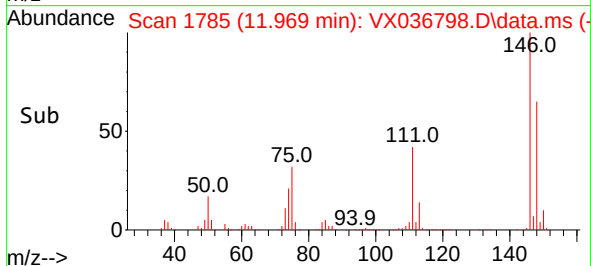
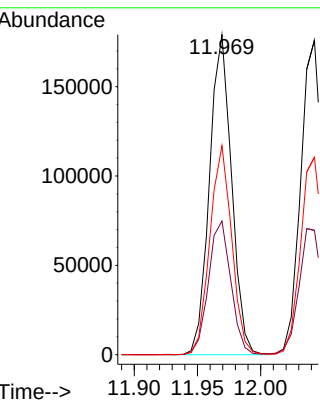
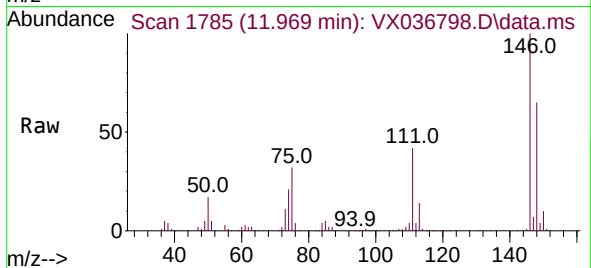
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#88

1,4-Dichlorobenzene

Concen: 53.755 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

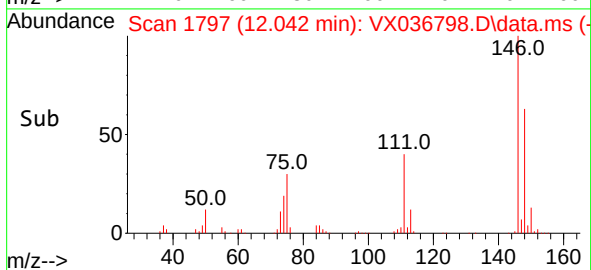
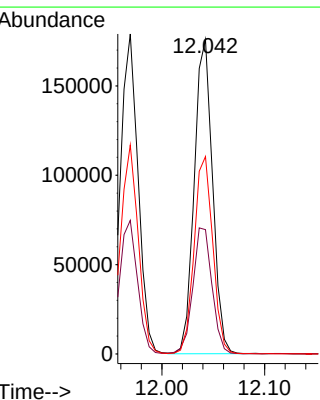
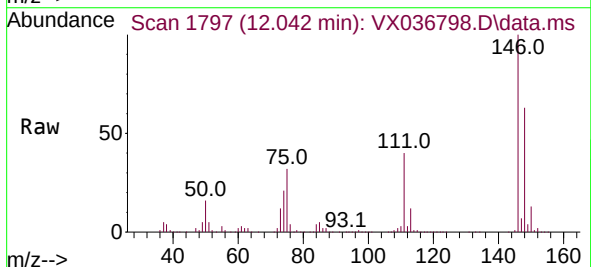
Tgt Ion:146 Resp: 218101

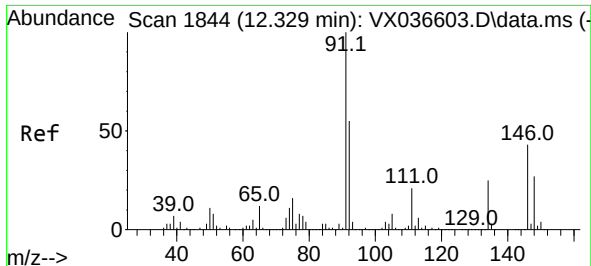
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 53.211 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 389378

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

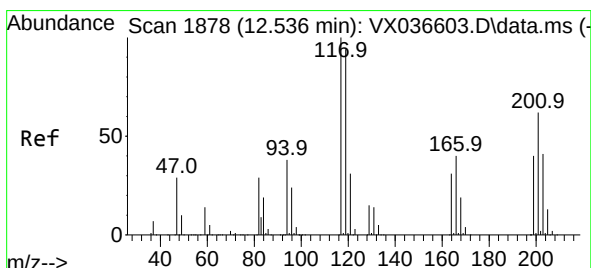
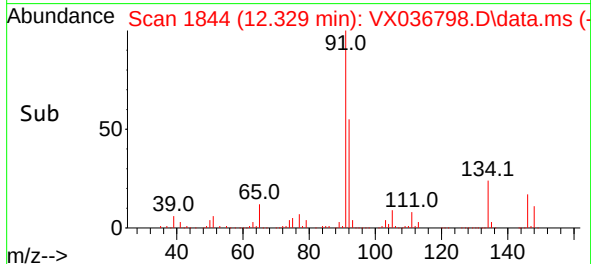
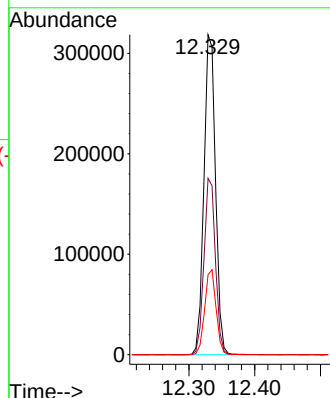
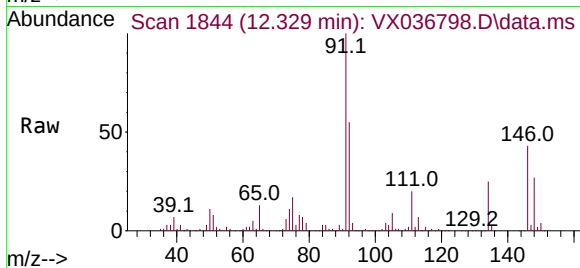
134 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#90

Hexachloroethane

Concen: 49.545 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX036798.D

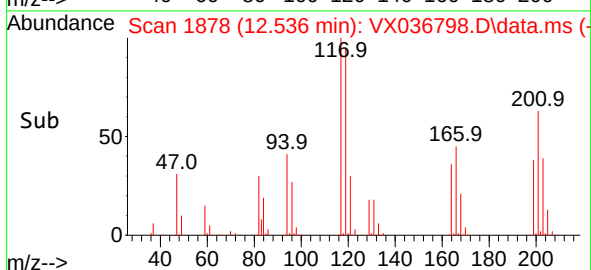
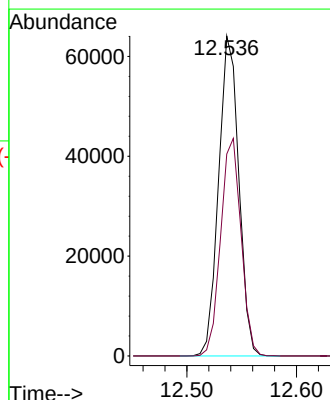
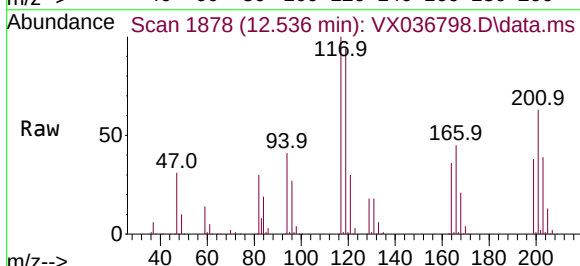
Acq: 04 Aug 2023 10:05

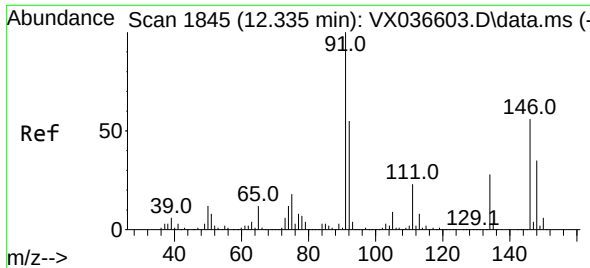
Tgt Ion:117 Resp: 82105

Ion Ratio Lower Upper

117 100

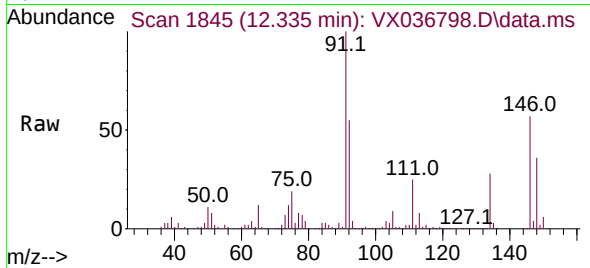
201 68.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.499 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

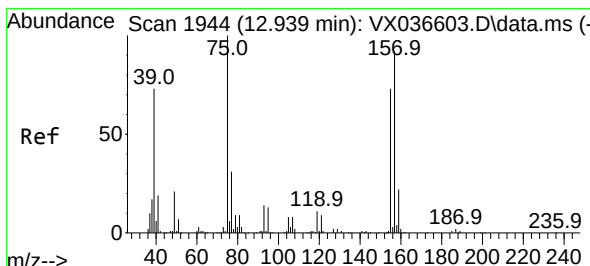
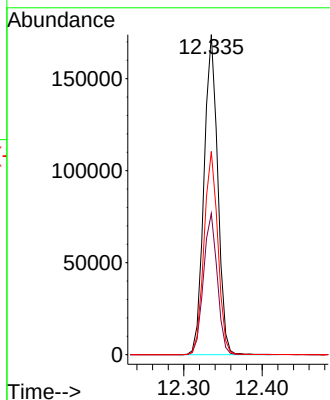
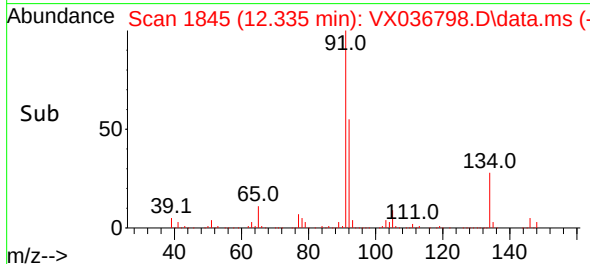
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



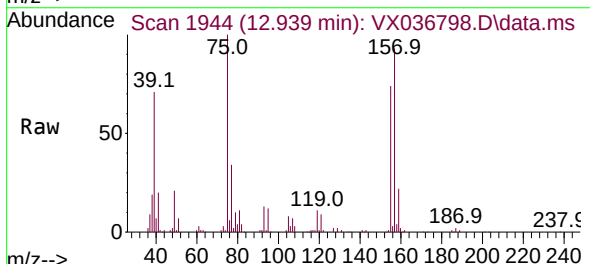
Tgt Ion:146 Resp: 211060
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

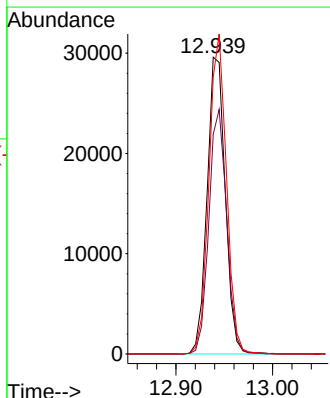
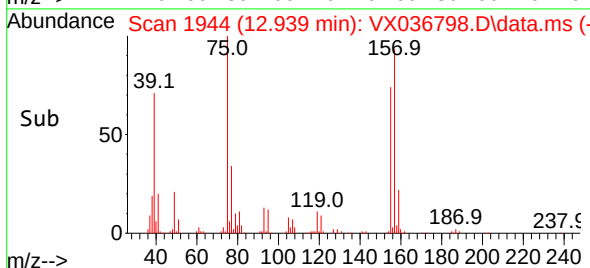
Reviewed By :John Carlone 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023

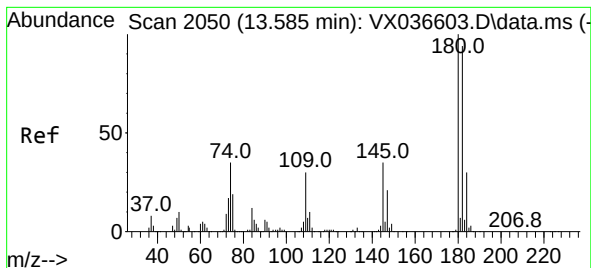


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.814 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05



Tgt Ion: 75 Resp: 38657
Ion Ratio Lower Upper
75 100
155 80.9 36.1 108.5
157 104.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.648 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

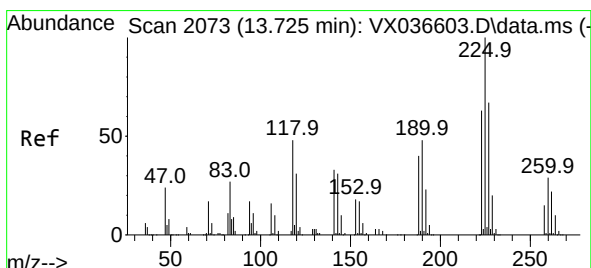
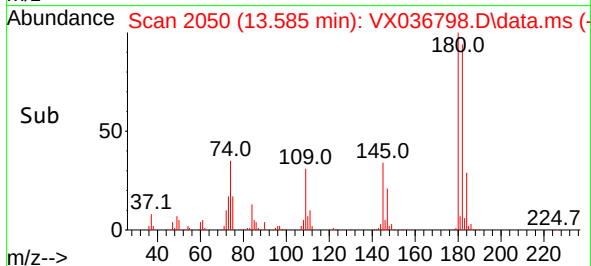
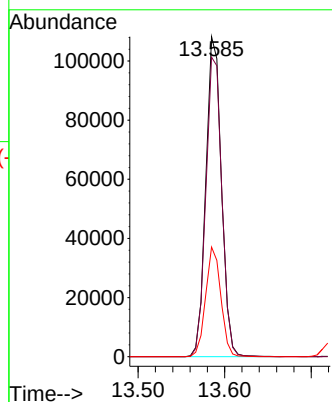
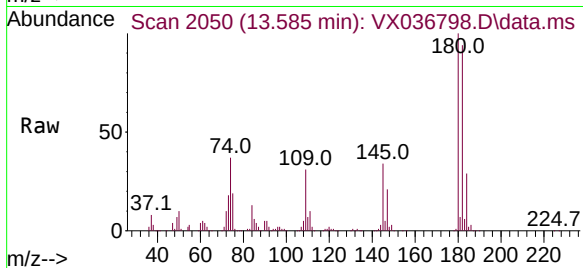
Tgt Ion:	180	Resp:	13526
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.3	144.8
145	33.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2023

Supervised By :Semsettin Yesilyurt 08/07/2023



#94

Hexachlorobutadiene

Concen: 53.795 ug/l

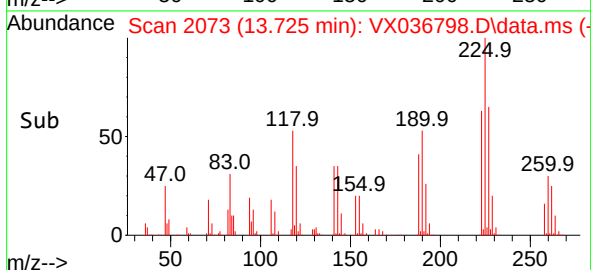
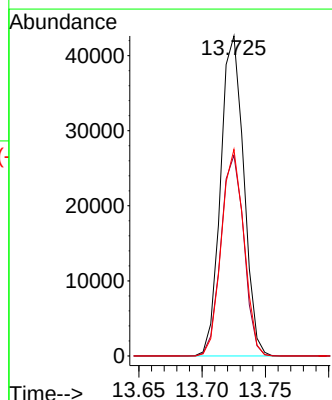
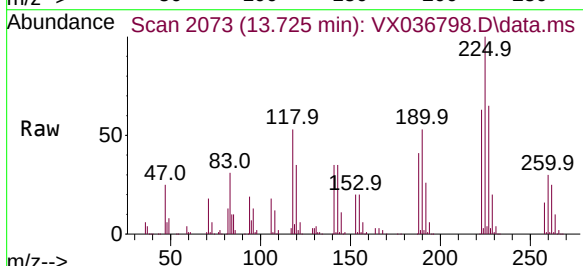
RT: 13.725 min Scan# 2073

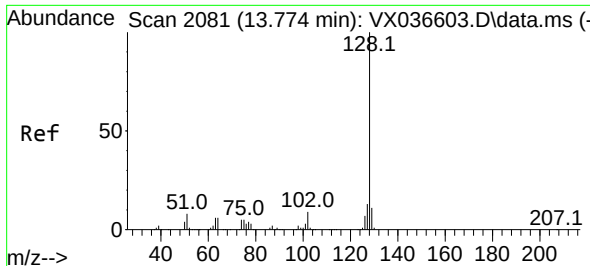
Delta R.T. -0.000 min

Lab File: VX036798.D

Acq: 04 Aug 2023 10:05

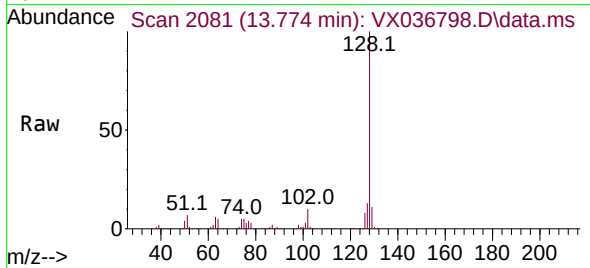
Tgt Ion:	225	Resp:	54096
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.1	93.2
227	62.8	32.5	97.5





#95
Naphthalene
Concen: 54.824 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

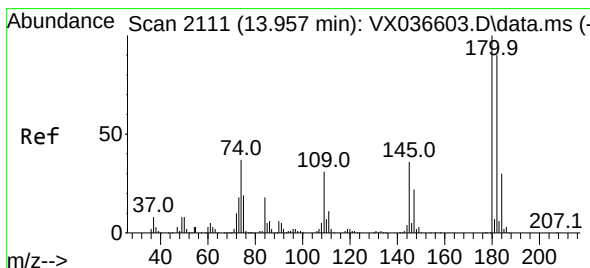
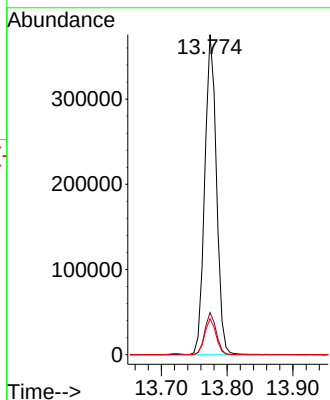
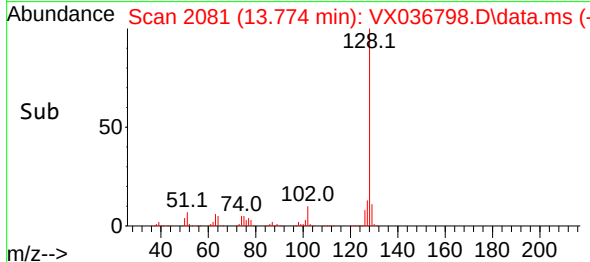
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 464379
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 08/07/2023
Supervised By :Semsettin Yesilyurt 08/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.885 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036798.D
Acq: 04 Aug 2023 10:05

Tgt Ion:180 Resp: 133882
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 35.2 17.8 53.5

