

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036667.D
 Acq On : 27 Jul 2023 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 28 06:07:49 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106843	49.764	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.385	113	85943	49.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	8.647	98	292678	47.139	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.280%		
62) 4-Bromofluorobenzene	11.079	95	119143	50.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80162	41.820	ug/l	97
3) Chloromethane	1.301	50	78604	45.085	ug/l	98
4) Vinyl Chloride	1.374	62	78362	44.146	ug/l	99
5) Bromomethane	1.599	94	57282	54.053	ug/l	97
6) Chloroethane	1.678	64	41719	48.342	ug/l	94
7) Trichlorofluoromethane	1.886	101	128741	46.966	ug/l	99
8) Diethyl Ether	2.136	74	52518	49.521	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	78178	47.470	ug/l	99
10) Methyl Iodide	2.453	142	89139	52.111	ug/l	93
11) Tert butyl alcohol	2.965	59	146558	288.336	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	74663	45.952	ug/l	88
13) Acrolein	2.239	56	85436	294.526	ug/l	99
14) Allyl chloride	2.660	41	146773	45.875	ug/l	93
15) Acrylonitrile	3.062	53	277327	271.306	ug/l	99
16) Acetone	2.380	43	256091	287.445	ug/l	92
17) Carbon Disulfide	2.508	76	187155	41.736	ug/l	99
18) Methyl Acetate	2.703	43	198002	52.830	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	322147	52.762	ug/l	100
20) Methylene Chloride	2.788	84	94787	47.839	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	84051	46.286	ug/l	93
22) Diisopropyl ether	3.763	45	298485	49.135	ug/l #	85
23) Vinyl Acetate	3.721	43	1207031	259.029	ug/l	95
24) 1,1-Dichloroethane	3.605	63	165116	48.479	ug/l	99
25) 2-Butanone	4.556	43	392878	271.799	ug/l	93
26) 2,2-Dichloropropane	4.471	77	151151	47.098	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	106064	49.176	ug/l	93
28) Bromochloromethane	4.897	49	84367	51.218	ug/l	92
29) Tetrahydrofuran	5.007	42	246816	264.846	ug/l	92
30) Chloroform	5.093	83	175855	50.467	ug/l	96
31) Cyclohexane	5.470	56	127566	42.913	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	151537	47.461	ug/l	98
36) 1,1-Dichloropropene	5.690	75	116613	44.686	ug/l	97
37) Ethyl Acetate	4.715	43	150750	51.038	ug/l	97
38) Carbon Tetrachloride	5.678	117	129969	46.846	ug/l	98
39) Methylcyclohexane	7.379	83	144120	44.414	ug/l	93
40) Benzene	6.037	78	359526	47.353	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	81853	51.814	ug/l	93
42) 1,2-Dichloroethane	6.086	62	145254	52.326	ug/l	96
43) Isopropyl Acetate	6.342	43	257966	50.737	ug/l	96
44) Trichloroethene	7.123	130	93666	47.197	ug/l	97
45) 1,2-Dichloropropane	7.434	63	98040	48.364	ug/l	98
46) Dibromomethane	7.580	93	74226	52.319	ug/l	96
47) Bromodichloromethane	7.824	83	146890	50.441	ug/l	95
48) Methyl methacrylate	7.690	41	121596	51.425	ug/l	92
49) 1,4-Dioxane	7.659	88	57394	1201.538	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	759195	269.826	ug/l	96
52) Toluene	8.720	92	227979	47.921	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	170945	51.936	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	172774	49.745	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	103115	51.563	ug/l	95
56) Ethyl methacrylate	9.116	69	172592	53.001	ug/l	93
57) 1,3-Dichloropropane	9.311	76	173828	52.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	416278	259.440	ug/l	98
59) 2-Hexanone	9.433	43	580883	278.175	ug/l	94
60) Dibromochloromethane	9.519	129	117911	53.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108898	52.542	ug/l	99
64) Tetrachloroethene	9.275	164	80134	45.401	ug/l	99
65) Chlorobenzene	10.079	112	253626	48.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	101083	50.138	ug/l	98
67) Ethyl Benzene	10.195	91	445608	46.764	ug/l	99
68) m/p-Xylenes	10.299	106	338649	95.251	ug/l	99
69) o-Xylene	10.640	106	170501	48.044	ug/l	100
70) Styrene	10.652	104	292220	49.908	ug/l	98
71) Bromoform	10.799	173	88854	54.444	ug/l #	100
73) Isopropylbenzene	10.963	105	439384	44.411	ug/l	98
74) N-amyl acetate	10.841	43	220157	47.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	163532	48.939	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137975m	49.069	ug/l	
77) Bromobenzene	11.195	156	108534	48.171	ug/l	96
78) n-propylbenzene	11.305	91	511826	44.732	ug/l	100
79) 2-Chlorotoluene	11.366	91	316938	45.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	378646	45.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61325	49.432	ug/l #	84
82) 4-Chlorotoluene	11.451	91	365213	46.230	ug/l	98
83) tert-Butylbenzene	11.713	119	372437	45.805	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	381263	46.061	ug/l	97
85) sec-Butylbenzene	11.890	105	463569	45.716	ug/l	99
86) p-Isopropyltoluene	12.006	119	389001	46.622	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	202091	48.428	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	206009	49.744	ug/l	99
89) n-Butylbenzene	12.329	91	351728	47.091	ug/l	99
90) Hexachloroethane	12.536	117	76507	45.230	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	201431	50.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40076	51.611	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	130340	52.535	ug/l	99
94) Hexachlorobutadiene	13.725	225	50251	48.958	ug/l	97
95) Naphthalene	13.774	128	465167	53.803	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	129013	52.760	ug/l	99

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VSTDCCC050

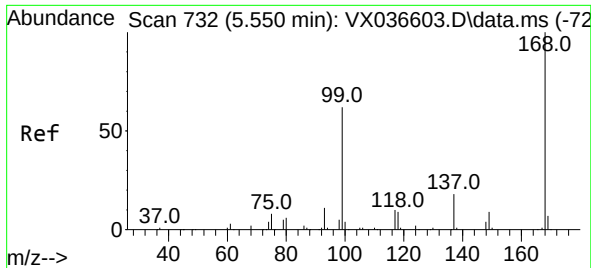
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

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



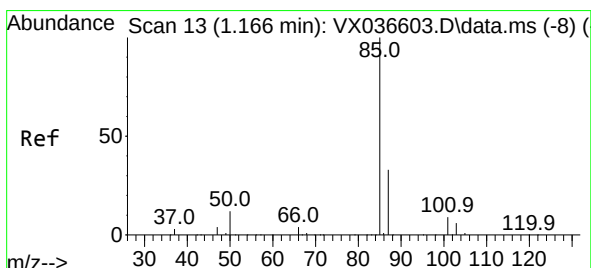
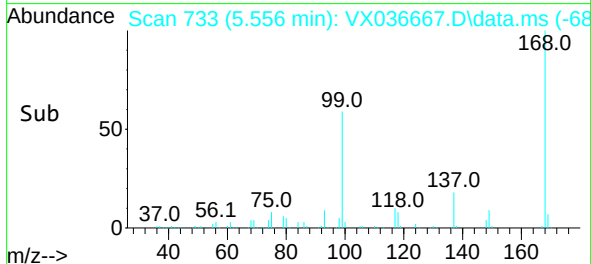
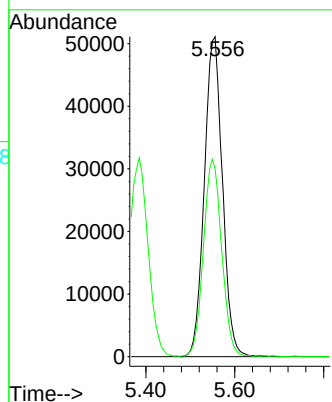
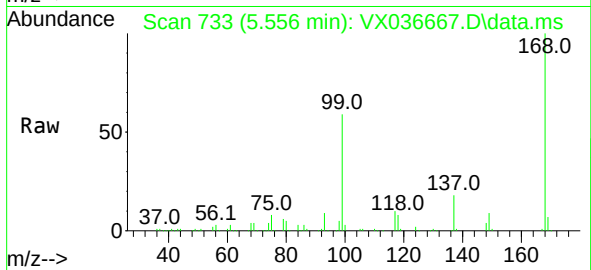
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036667.D
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MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 14510
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0

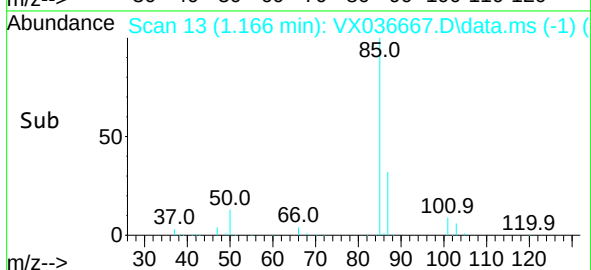
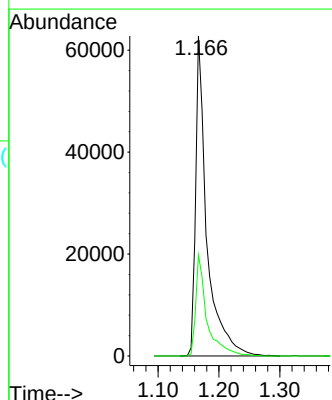
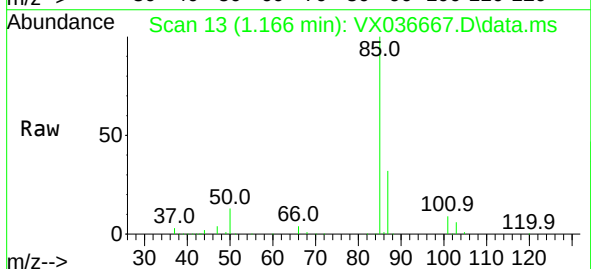
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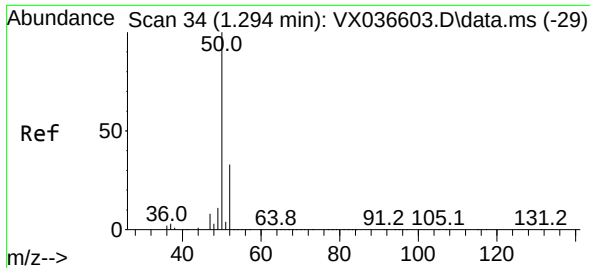
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 41.820 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

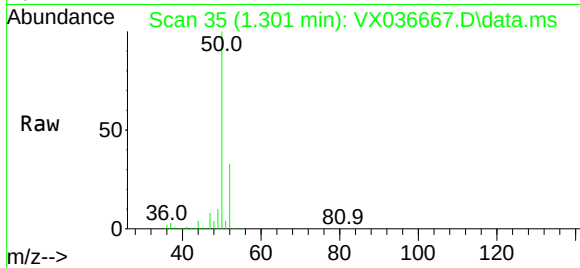
Tgt Ion: 85 Resp: 80162
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 45.085 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

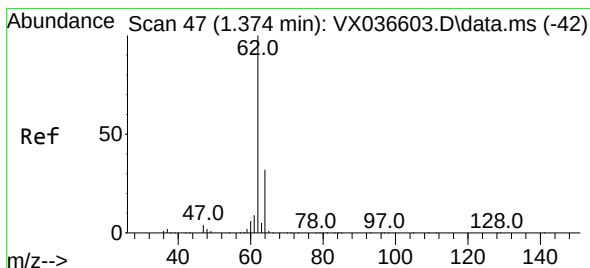
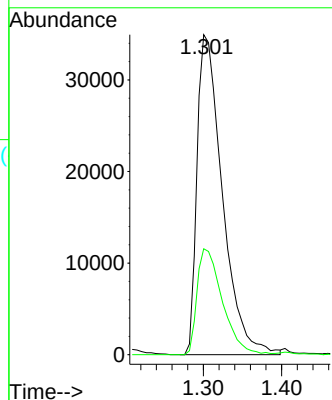
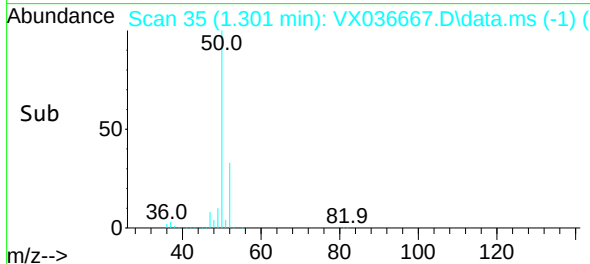
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 78604
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

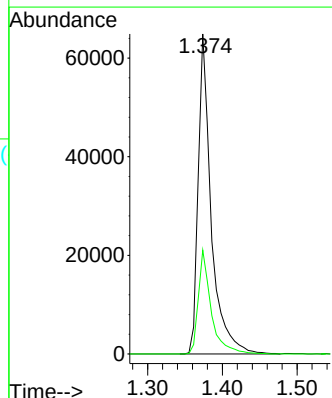
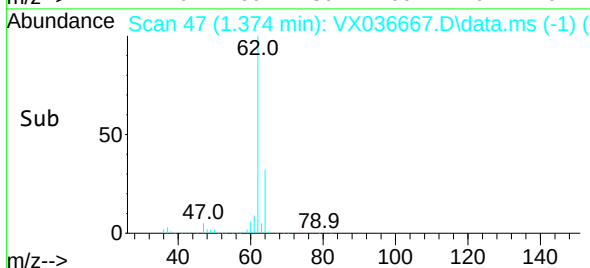
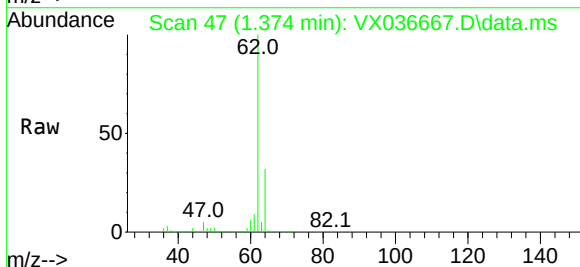
Manual Integrations
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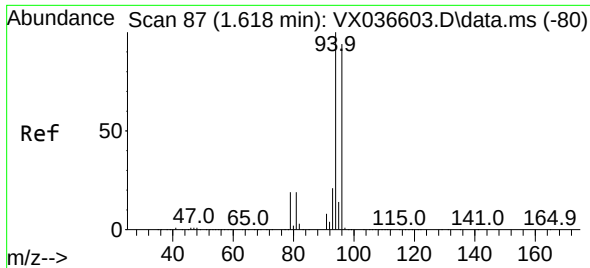
Reviewed By :John Carlone 07/28/2023
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#4
Vinyl Chloride
Concen: 44.146 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

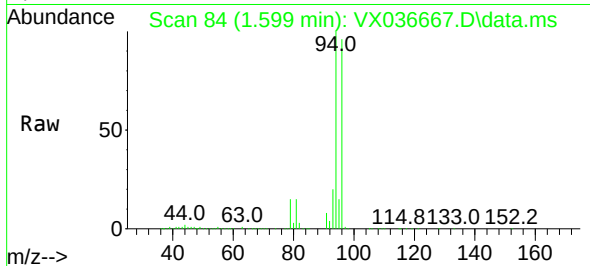
Tgt Ion: 62 Resp: 78362
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 54.053 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036667.D
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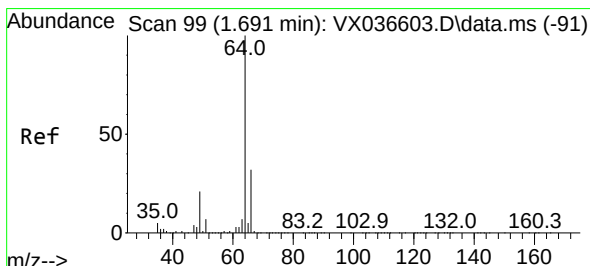
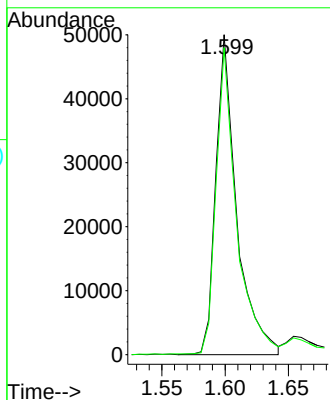
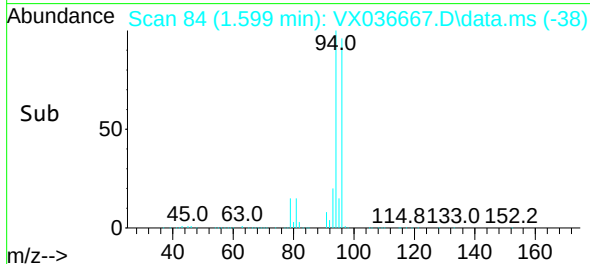
Instrument :
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Tgt Ion: 94 Resp: 5728
Ion Ratio Lower Upper
94 100
96 95.7 74.6 111.8

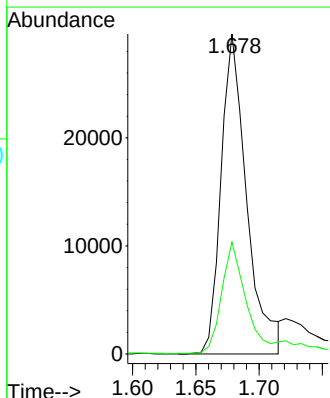
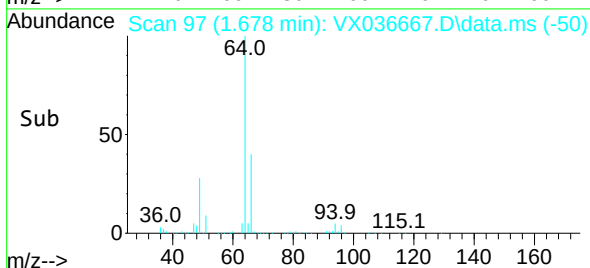
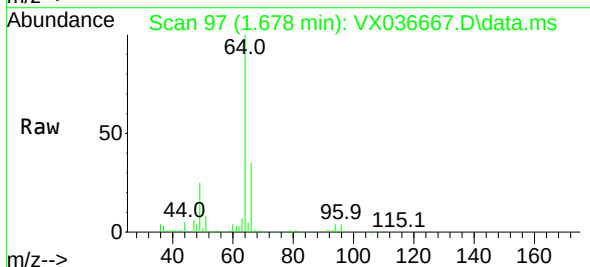
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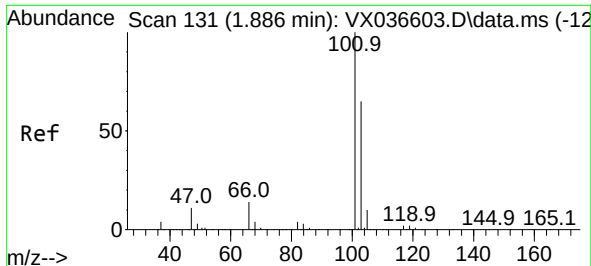
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#6
Chloroethane
Concen: 48.342 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036667.D
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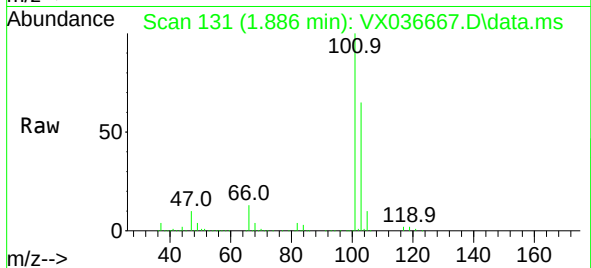
Tgt Ion: 64 Resp: 41719
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 46.966 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036667.D
 Acq: 27 Jul 2023 11:17

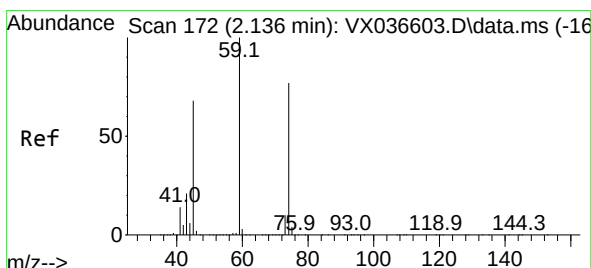
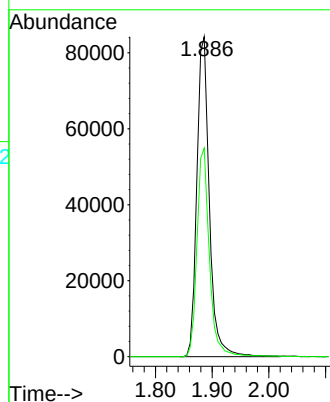
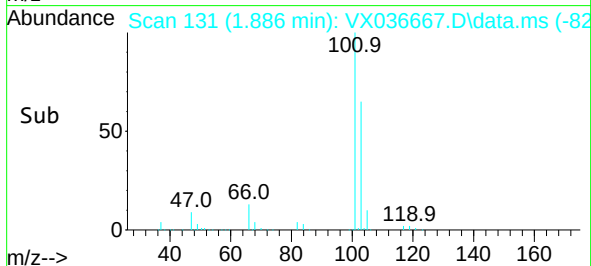
Instrument :
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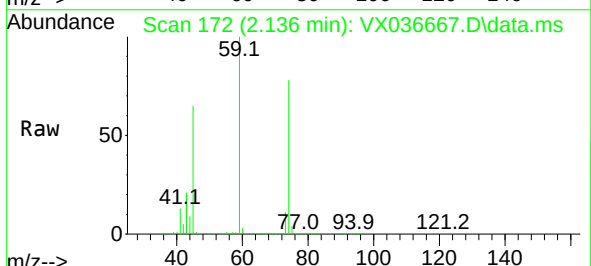
Tgt Ion:101 Resp: 12874
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2

Manual Integrations
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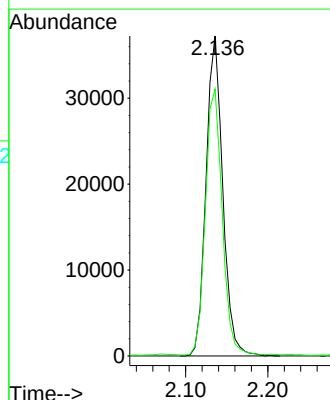
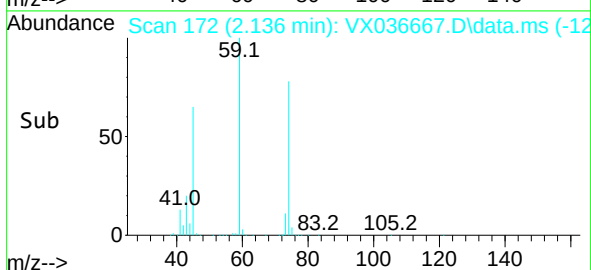
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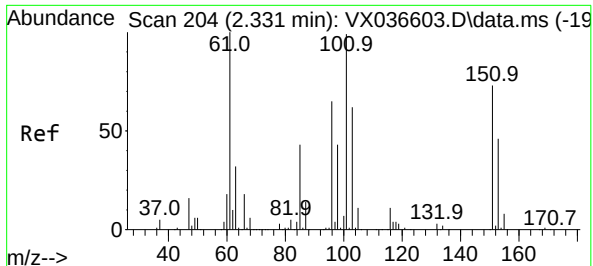


#8
 Diethyl Ether
 Concen: 49.521 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036667.D
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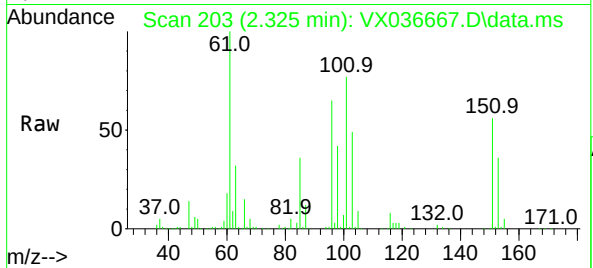
Tgt Ion: 74 Resp: 52518
 Ion Ratio Lower Upper
 74 100
 45 83.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.470 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
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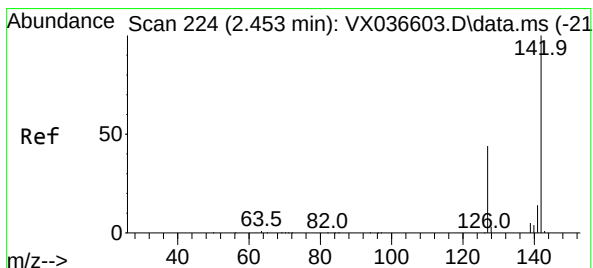
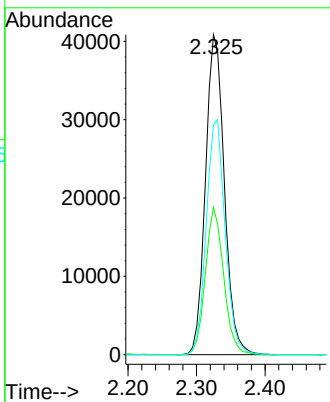
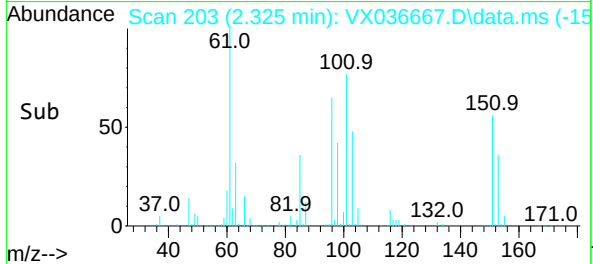
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VSTDCCC050



Tgt Ion:101 Resp: 78178
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 73.7 58.6 87.8

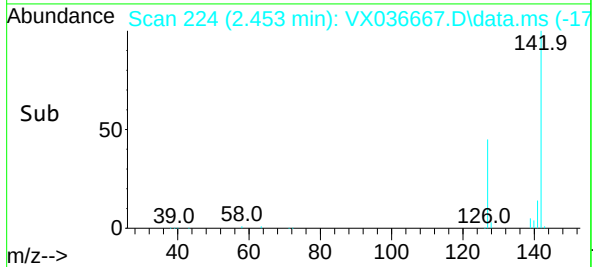
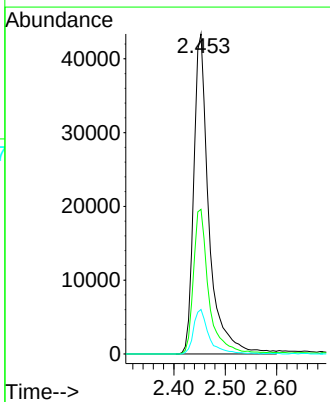
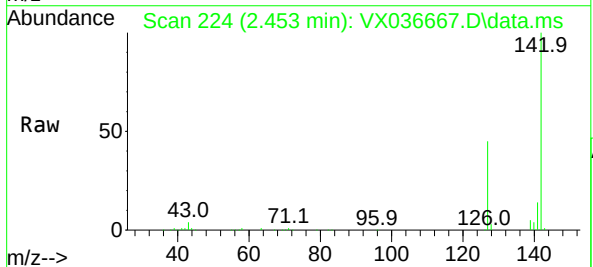
Manual Integrations
APPROVED

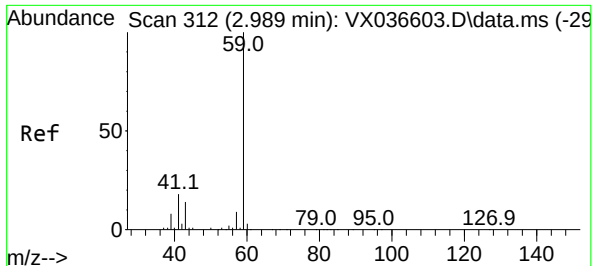
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Methyl Iodide
Concen: 52.111 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion:142 Resp: 89139
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 288.336 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 146558

Ion Ratio Lower Upper

59 100

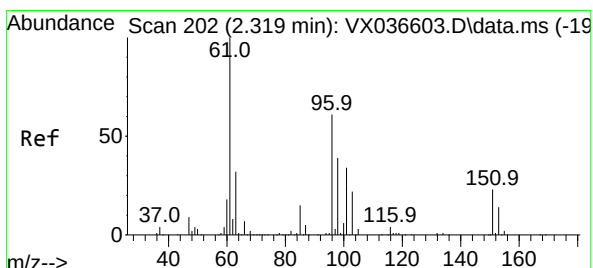
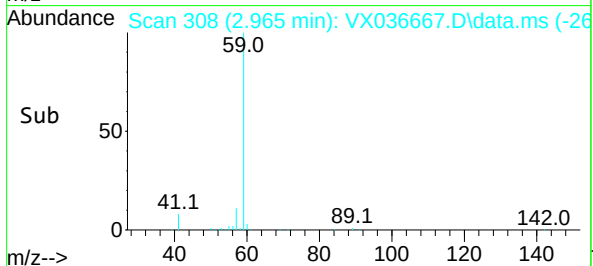
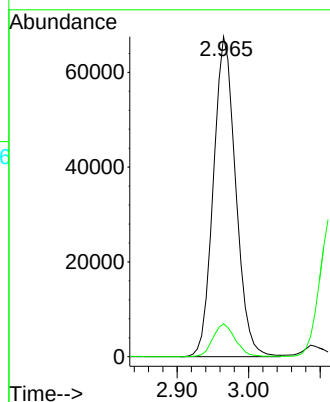
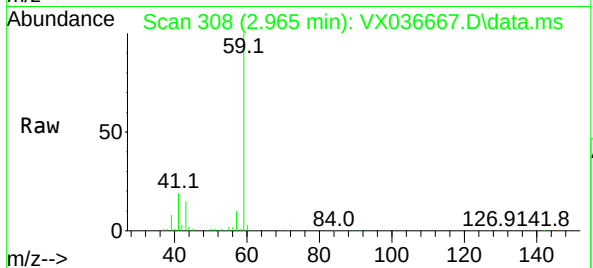
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#12

1,1-Dichloroethene

Concen: 45.952 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

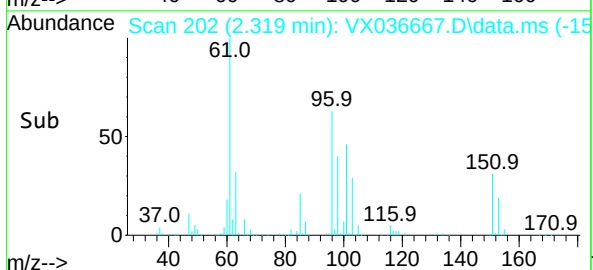
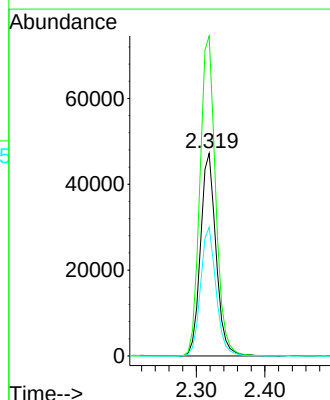
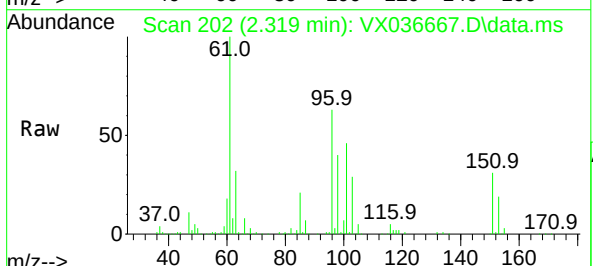
Tgt Ion: 96 Resp: 74663

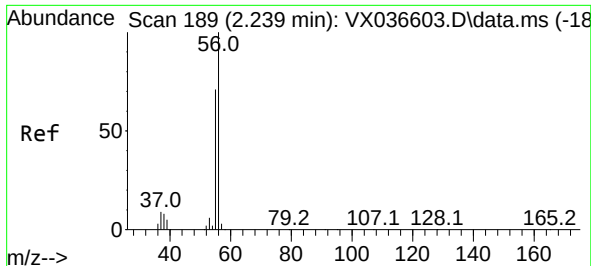
Ion Ratio Lower Upper

96 100

61 157.9 144.6 216.8

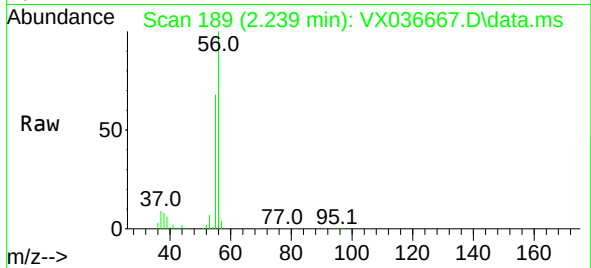
98 63.6 50.4 75.6





#13
Acrolein
Concen: 294.526 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

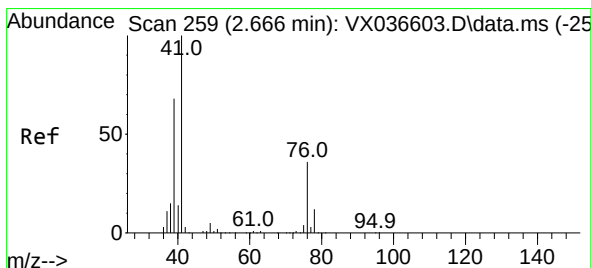
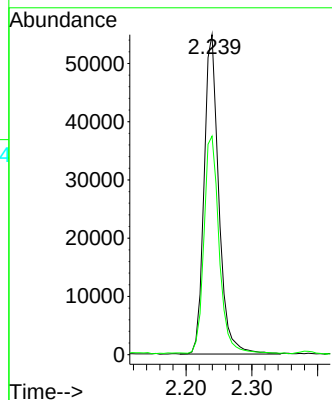
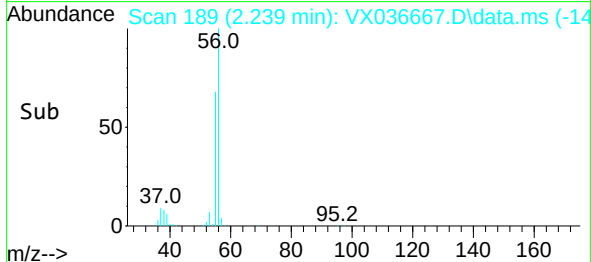
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 85436
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

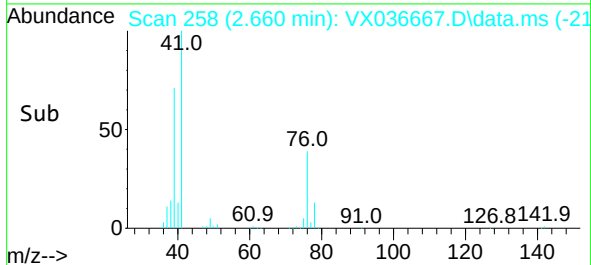
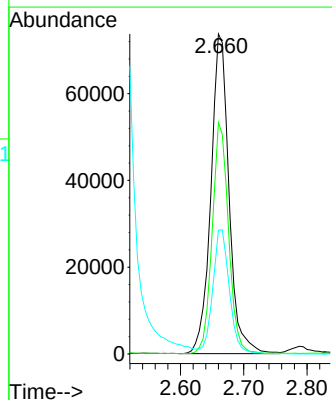
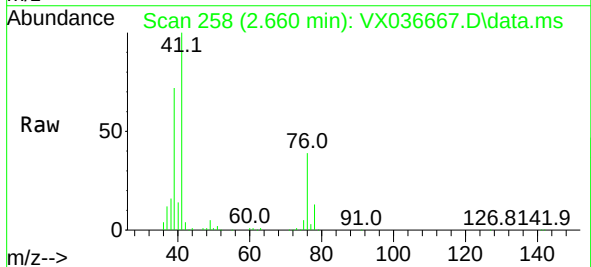
Manual Integrations
APPROVED

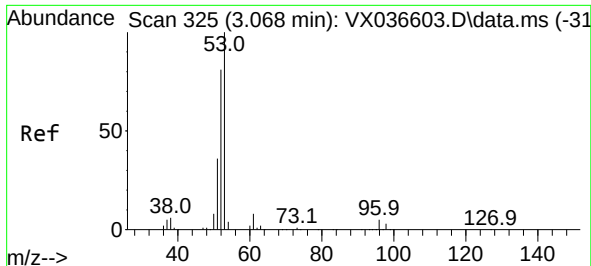
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#14
Allyl chloride
Concen: 45.875 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

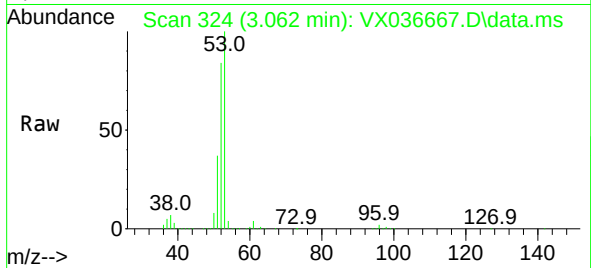
Tgt Ion: 41 Resp: 146773
Ion Ratio Lower Upper
41 100
39 65.2 55.8 83.6
76 36.0 24.3 36.5





#15
Acrylonitrile
Concen: 271.306 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

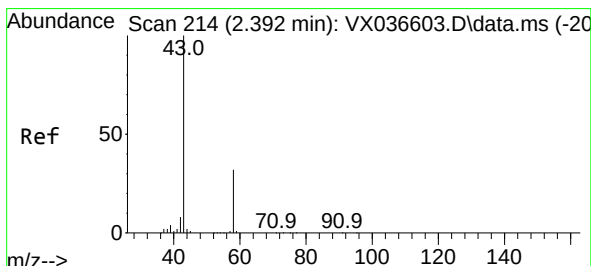
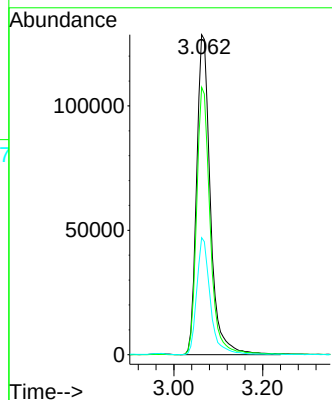
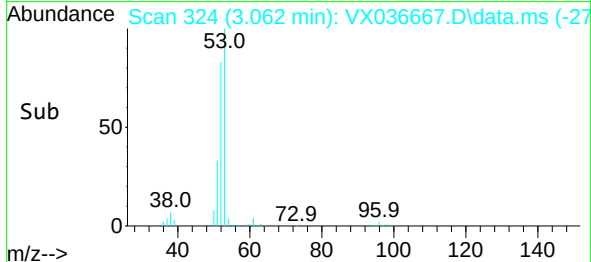
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



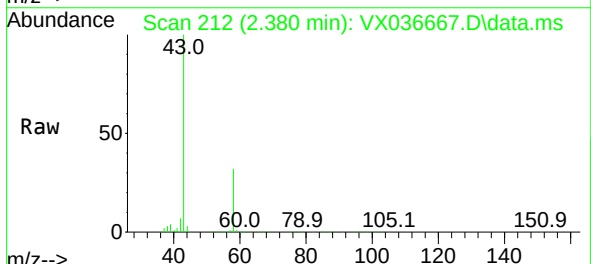
Tgt Ion: 53 Resp: 27732
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.0 29.8 44.6

Manual Integrations
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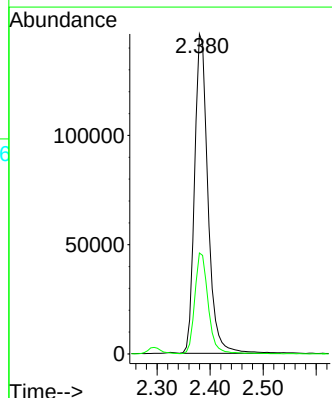
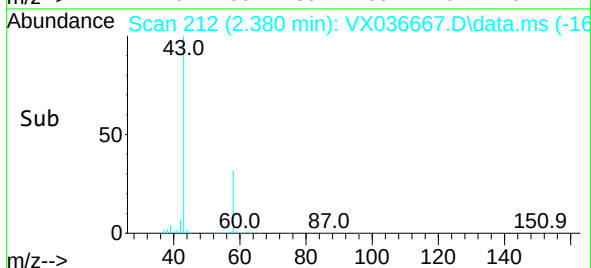
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

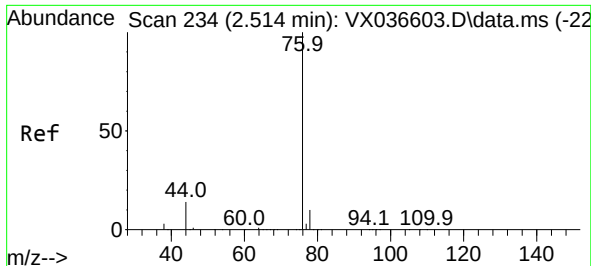


#16
Acetone
Concen: 287.445 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



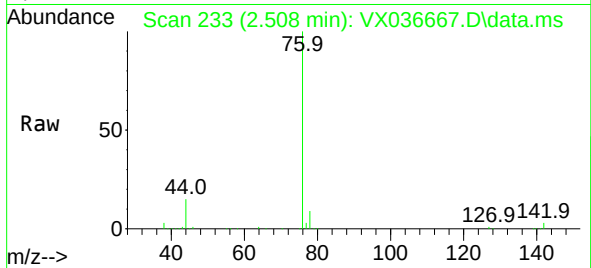
Tgt Ion: 43 Resp: 256091
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#17
Carbon Disulfide
Concen: 41.736 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

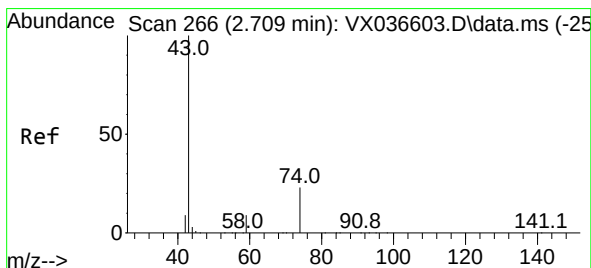
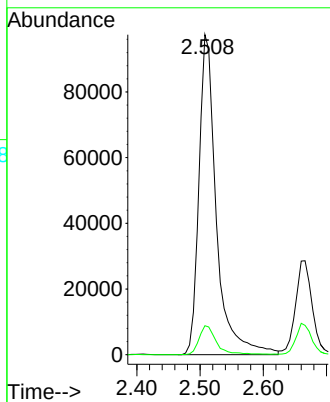
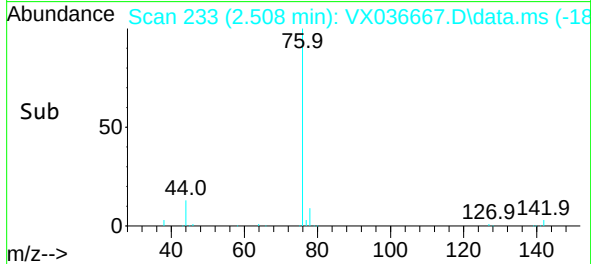
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 18715
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

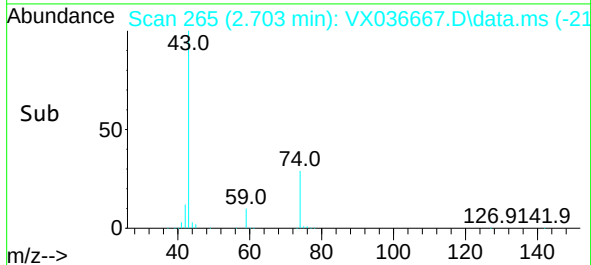
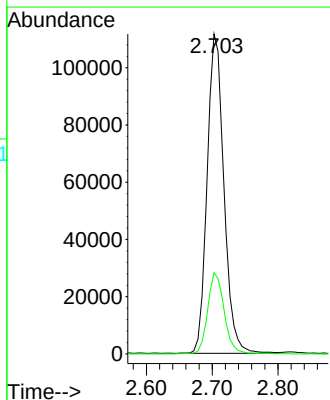
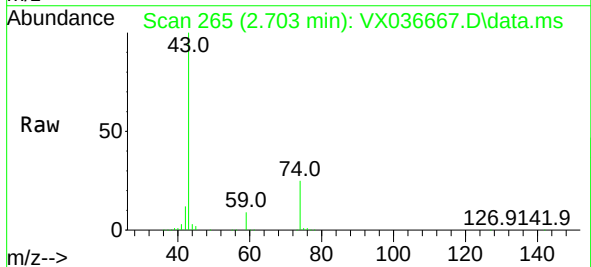
Manual Integrations
APPROVED

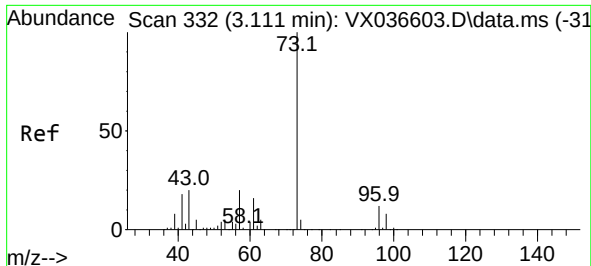
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#18
Methyl Acetate
Concen: 52.830 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion: 43 Resp: 198002
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8





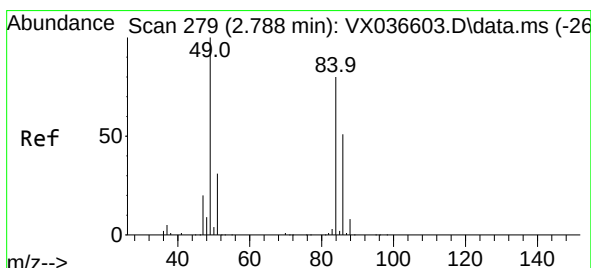
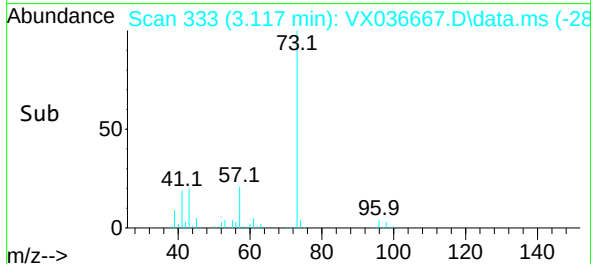
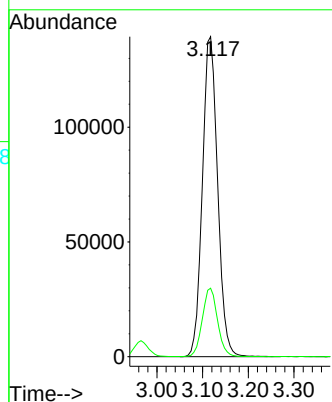
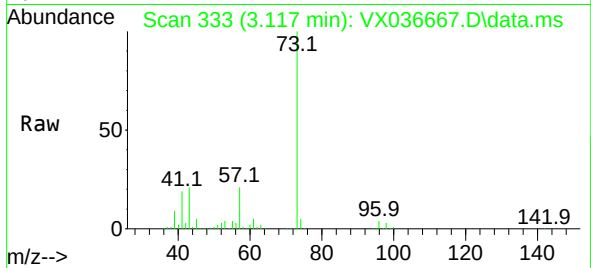
#19
Methyl tert-butyl Ether
Concen: 52.762 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 32214
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

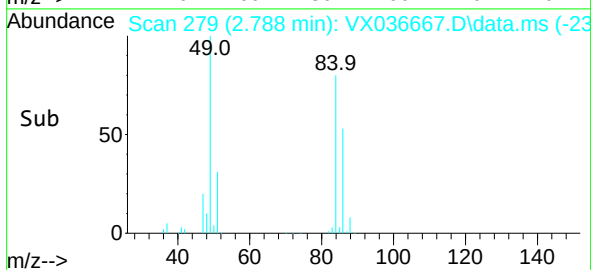
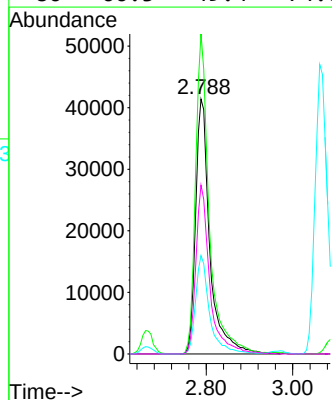
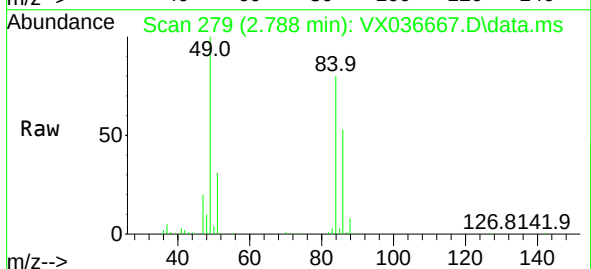
Manual Integrations
APPROVED

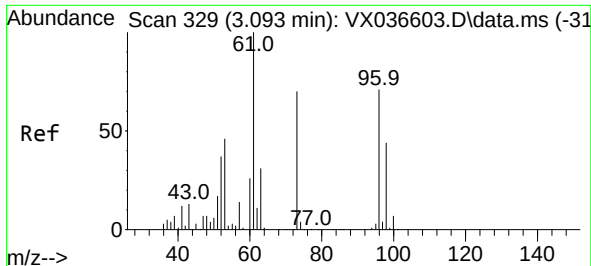
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#20
Methylene Chloride
Concen: 47.839 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

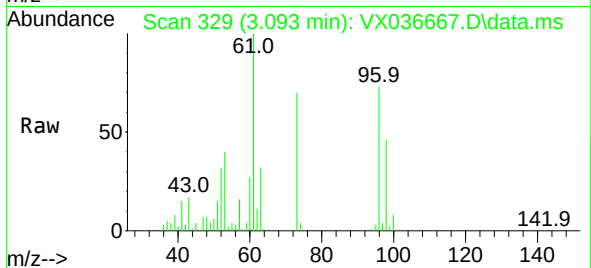
Tgt Ion: 84 Resp: 94787
Ion Ratio Lower Upper
84 100
49 125.6 103.6 155.4
51 38.6 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.286 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

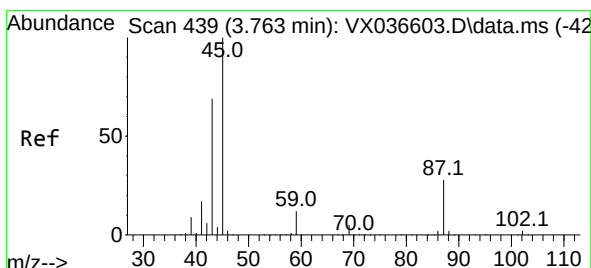
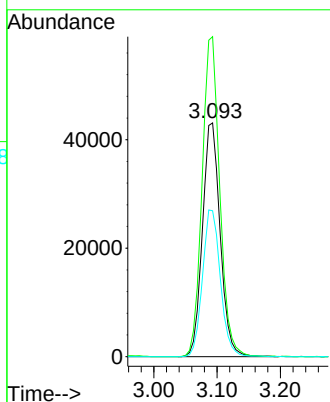
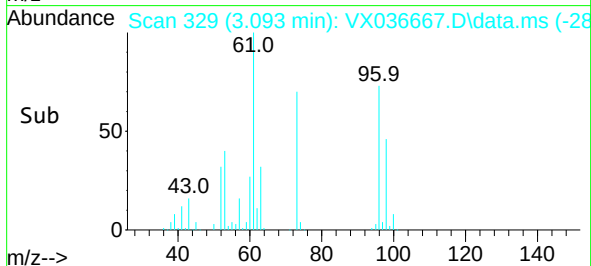
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8405
Ion Ratio Lower Upper
96 100
61 136.9 119.2 178.8
98 62.4 48.7 73.1

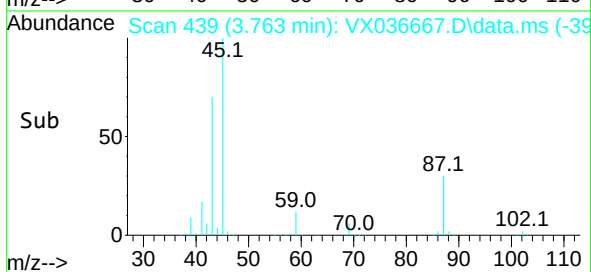
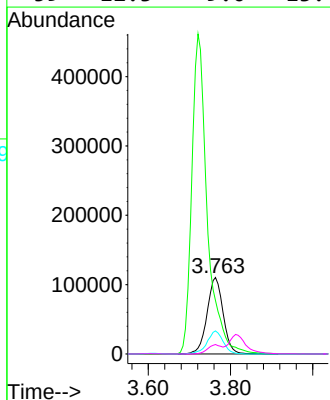
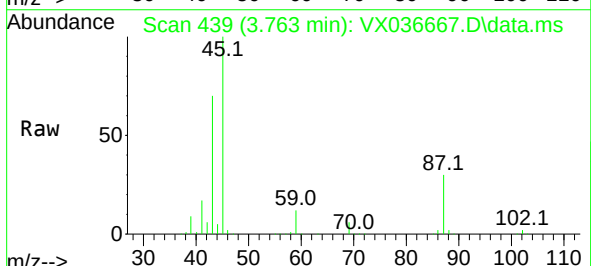
Manual Integrations
APPROVED

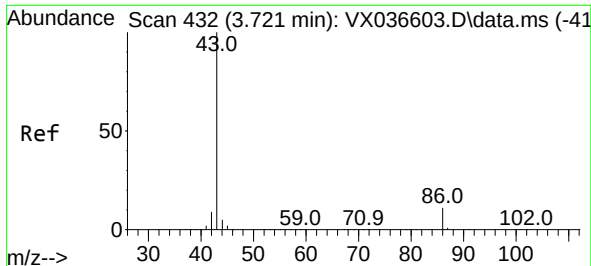
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#22
Diisopropyl ether
Concen: 49.135 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

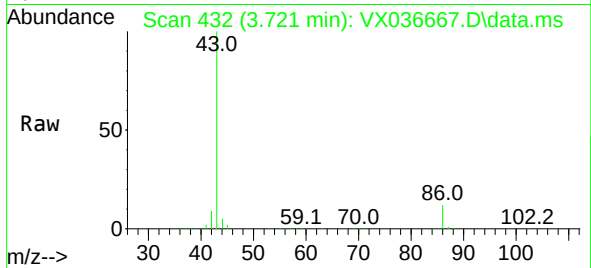
Tgt Ion: 45 Resp: 298485
Ion Ratio Lower Upper
45 100
43 69.4 69.7 104.5#
87 30.2 20.8 31.2
59 12.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 259.029 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX036667.D
 Acq: 27 Jul 2023 11:17

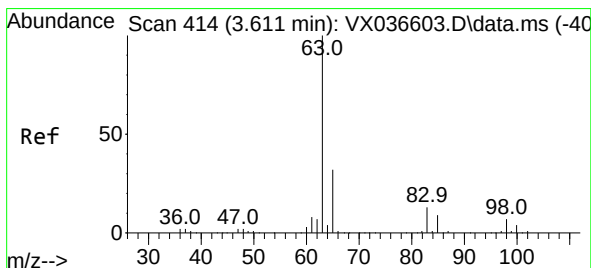
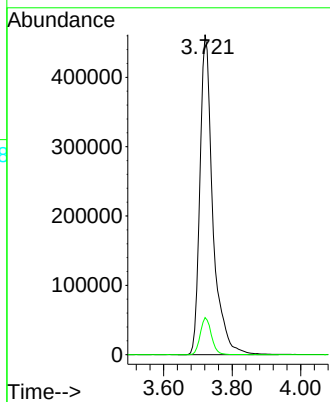
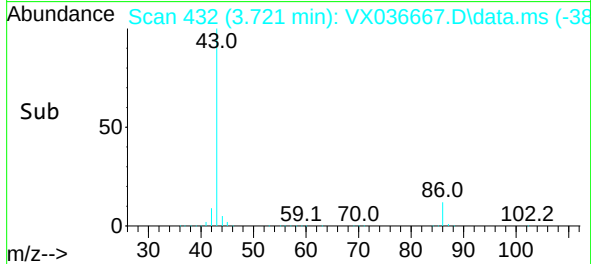
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



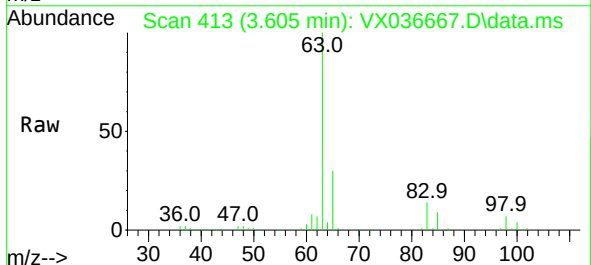
Tgt Ion: 43 Resp: 120703
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

Manual Integrations
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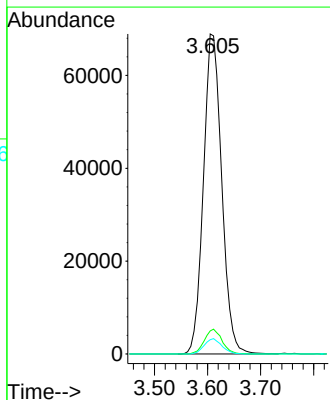
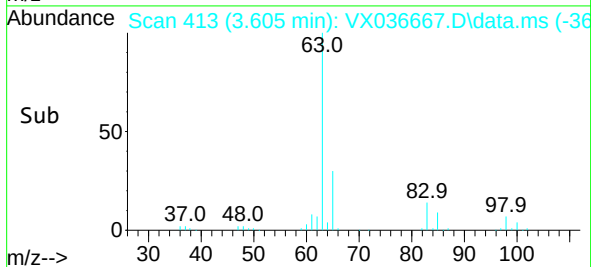
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

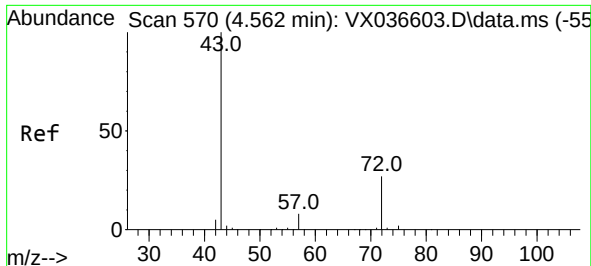


#24
 1,1-Dichloroethane
 Concen: 48.479 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036667.D
 Acq: 27 Jul 2023 11:17



Tgt Ion: 63 Resp: 165116
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.5 2.1 6.5





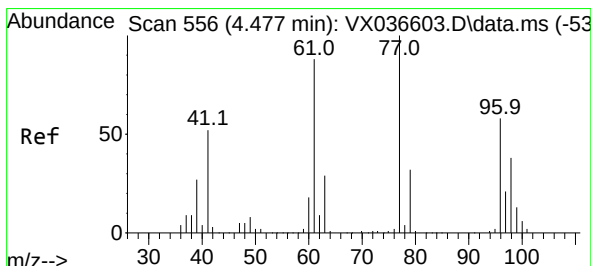
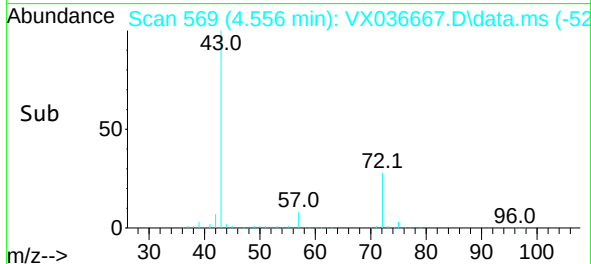
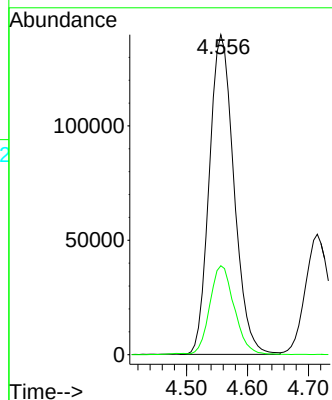
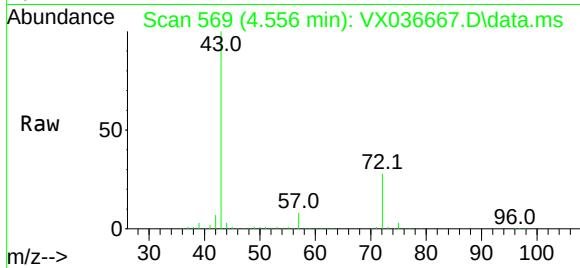
#25
2-Butanone
Concen: 271.799 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 392878
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2

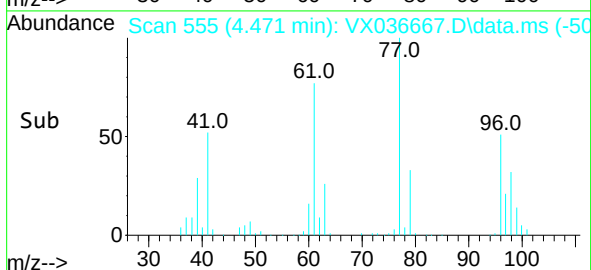
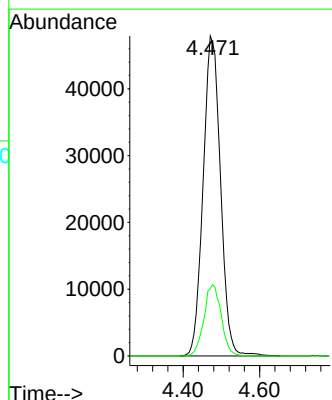
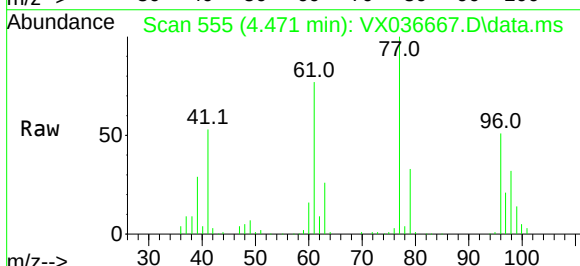
Manual Integrations
APPROVED

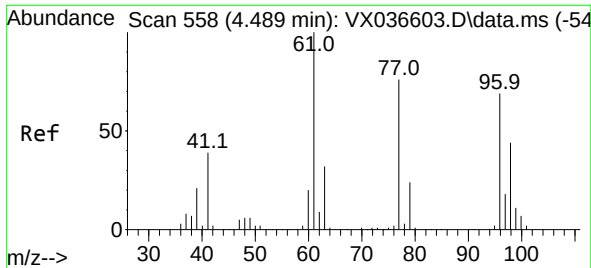
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
2,2-Dichloropropane
Concen: 47.098 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

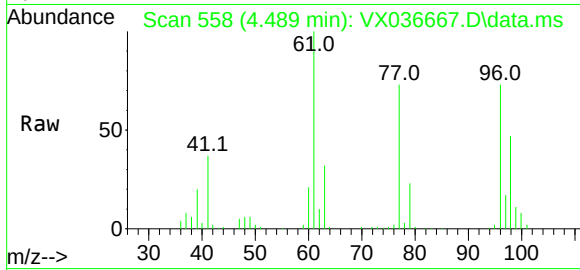
Tgt Ion: 77 Resp: 151151
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 49.176 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

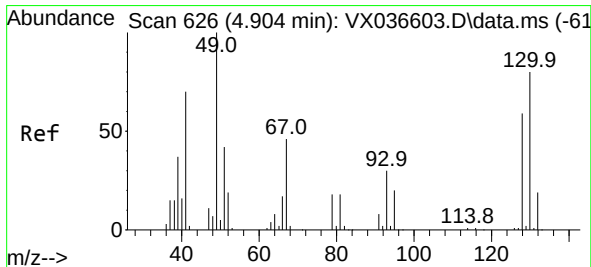
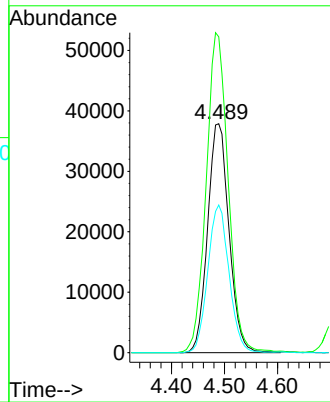
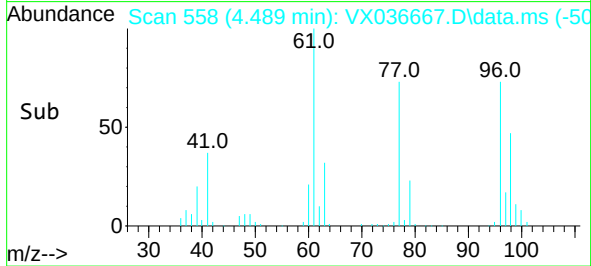
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 106064
Ion Ratio Lower Upper
96 100
61 143.5 0.0 312.2
98 64.2 0.0 129.0

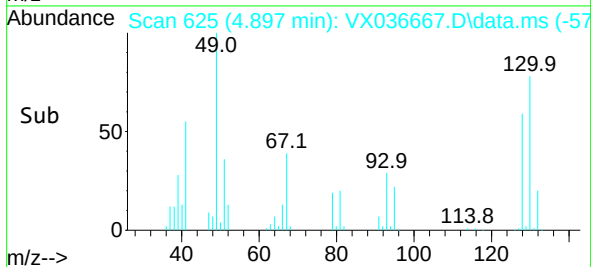
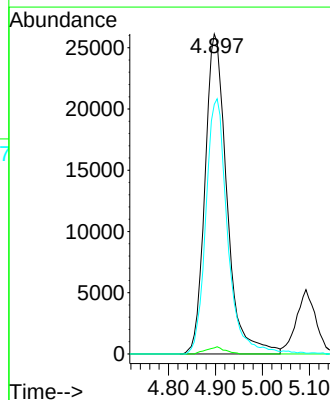
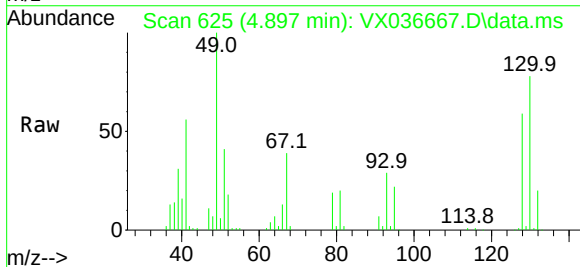
Manual Integrations
APPROVED

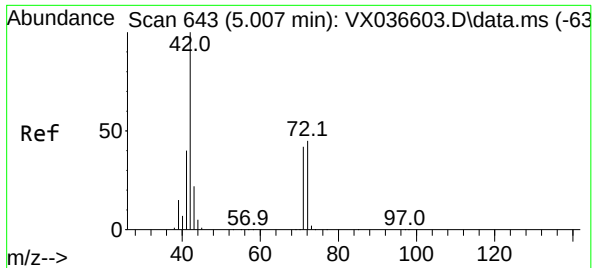
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#28
Bromochloromethane
Concen: 51.218 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion: 49 Resp: 84367
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 78.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 264.846 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 246810

Ion Ratio Lower Upper

42 100

72 48.1 34.2 51.4

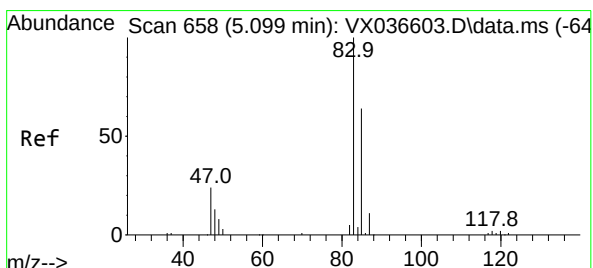
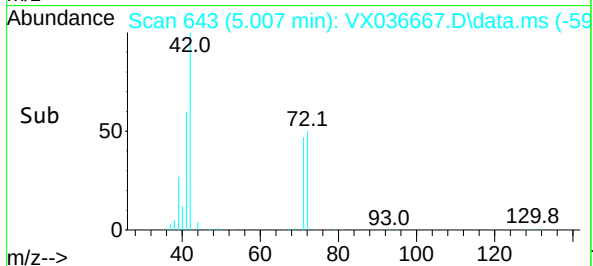
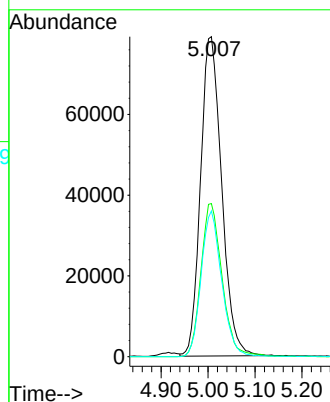
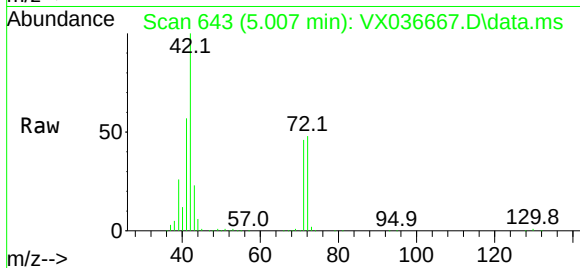
71 44.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Chloroform

Concen: 50.467 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036667.D

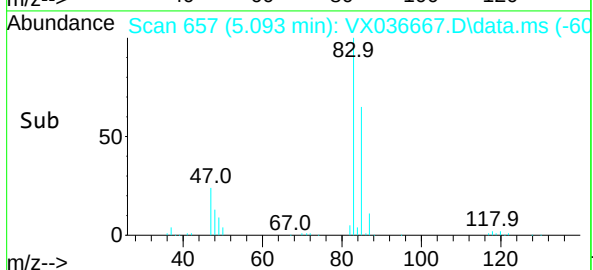
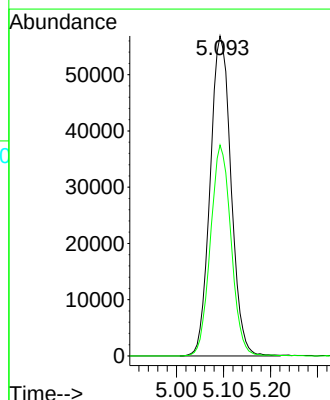
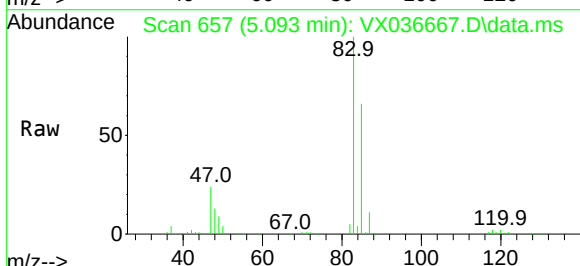
Acq: 27 Jul 2023 11:17

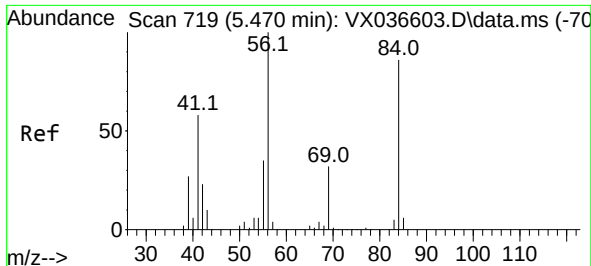
Tgt Ion: 83 Resp: 175855

Ion Ratio Lower Upper

83 100

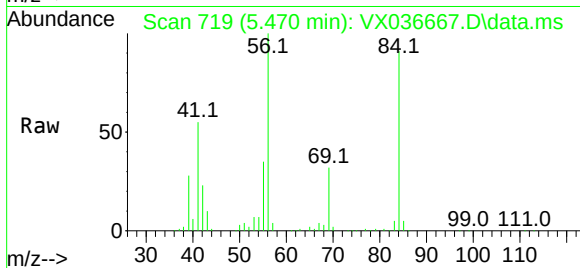
85 65.9 50.3 75.5





#31
Cyclohexane
Concen: 42.913 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

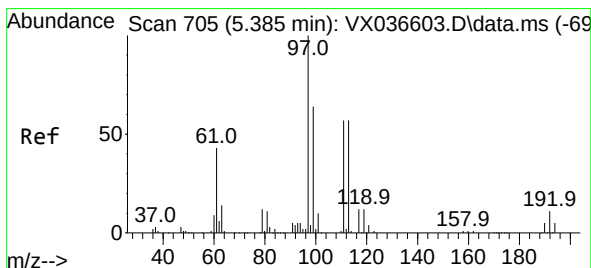
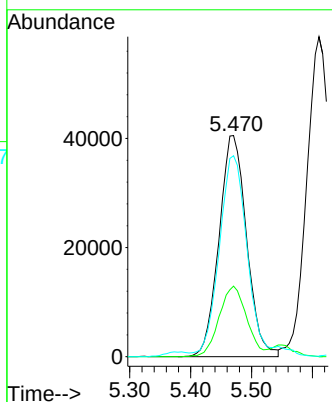
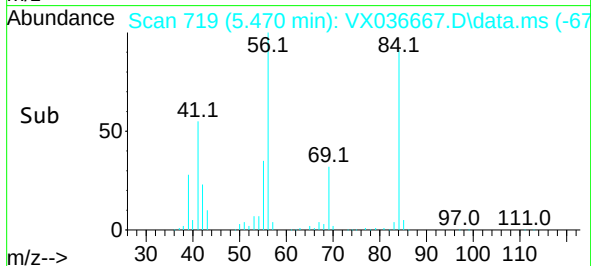
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



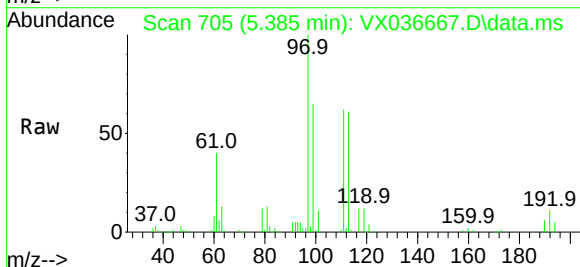
Tgt Ion: 56 Resp: 127560
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 88.9 65.9 98.9

Manual Integrations
APPROVED

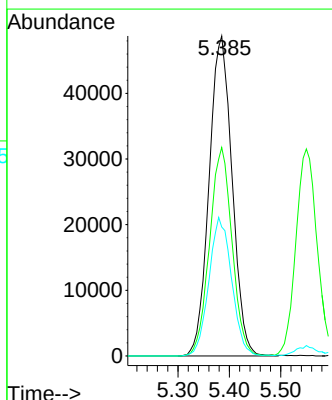
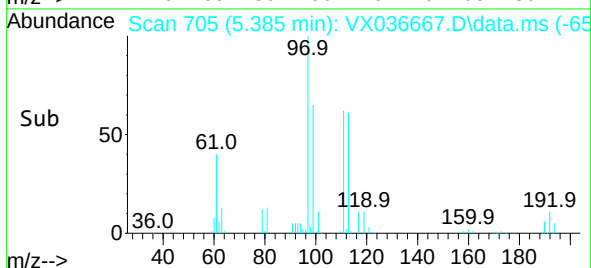
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

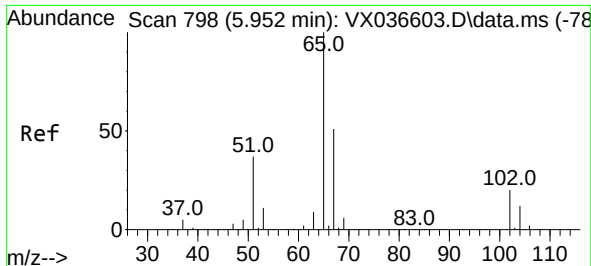


#32
1,1,1-Trichloroethane
Concen: 47.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion: 97 Resp: 151537
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 42.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.764 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10684

Ion Ratio Lower Upper

65 100

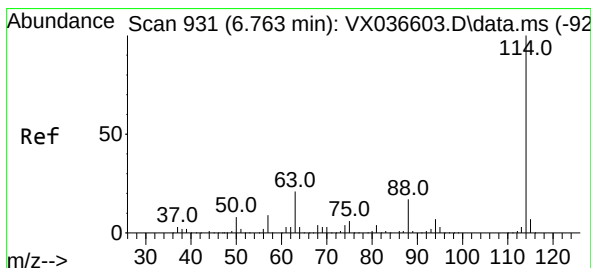
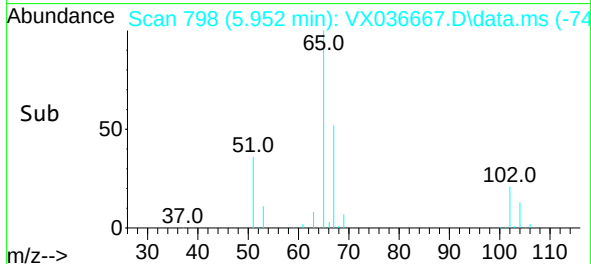
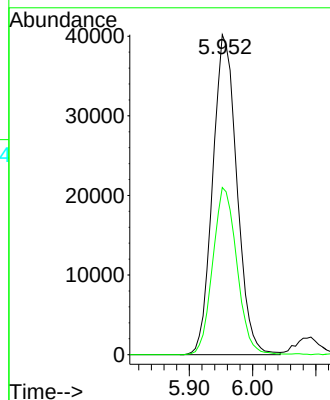
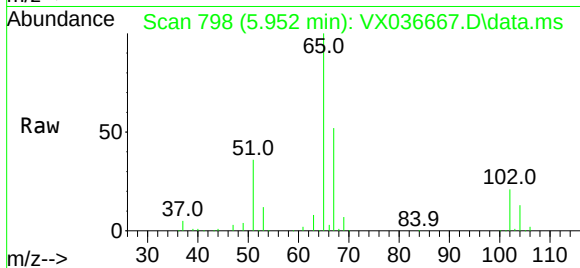
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

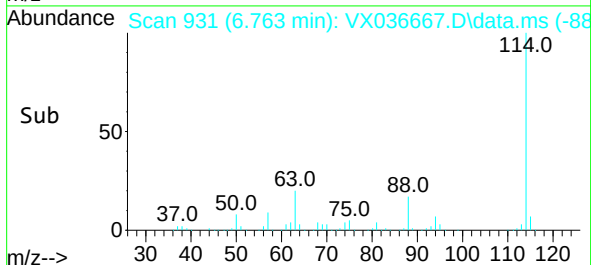
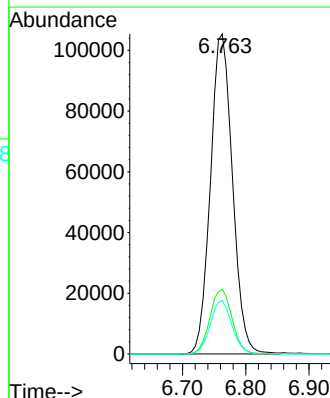
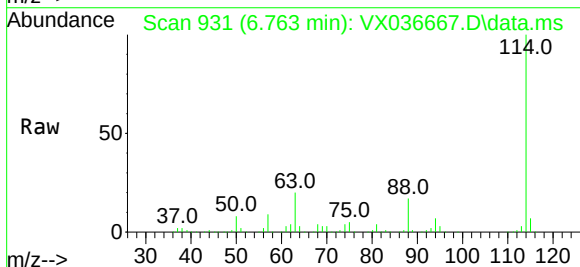
Tgt Ion:114 Resp: 254724

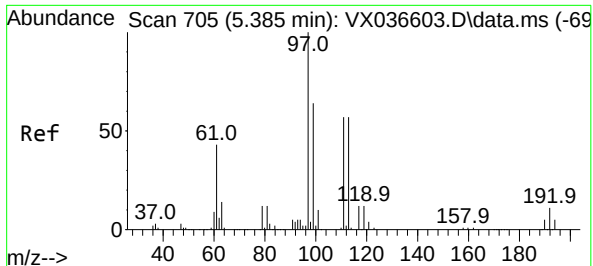
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.087 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

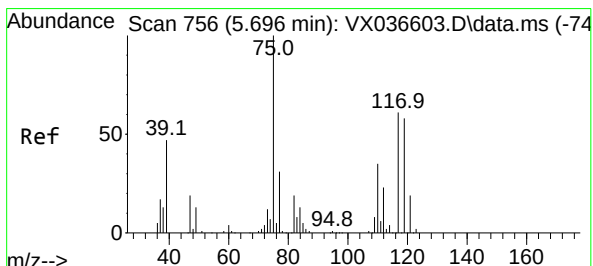
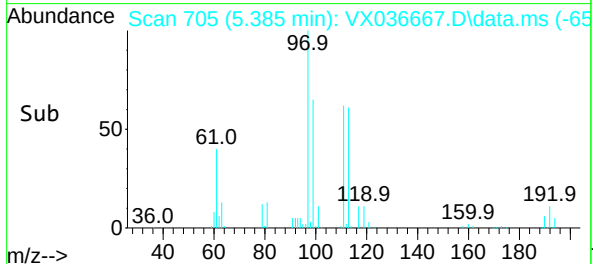
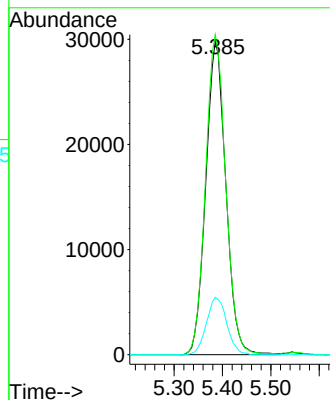
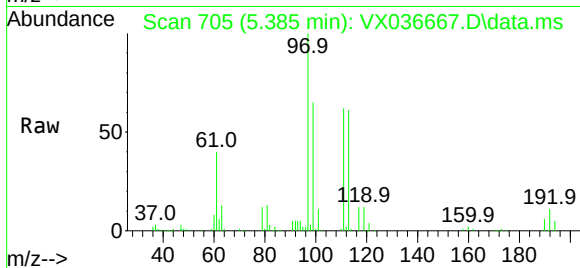
Tgt Ion:	113	Resp:	8594
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.9	124.3
192	18.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#36

1,1-Dichloropropene

Concen: 44.686 ug/l

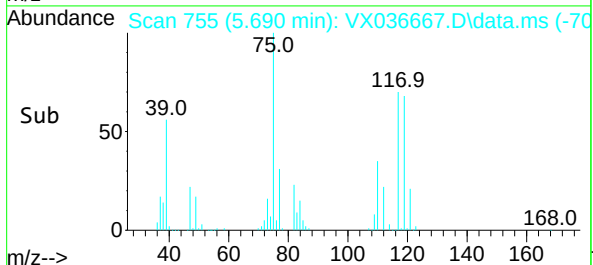
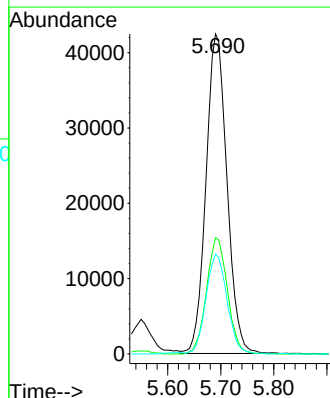
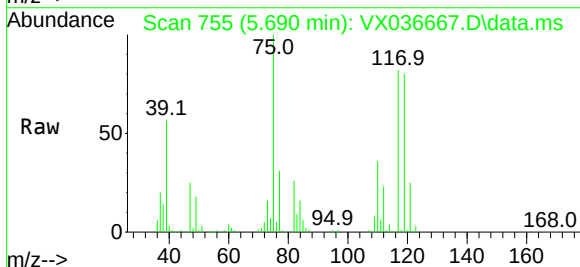
RT: 5.690 min Scan# 755

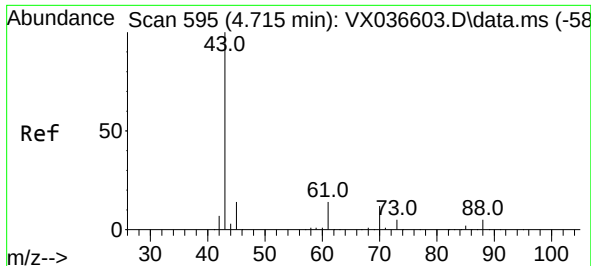
Delta R.T. -0.006 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Tgt Ion:	75	Resp:	116613
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.0	50.9
77	31.4	24.7	37.1





#37

Ethyl Acetate

Concen: 51.038 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 150750

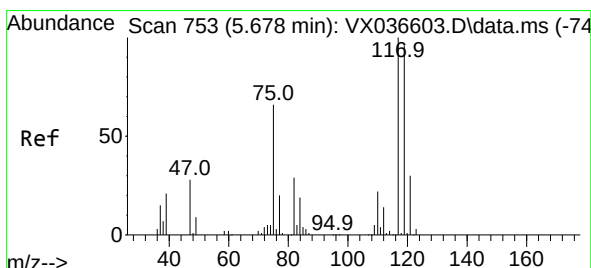
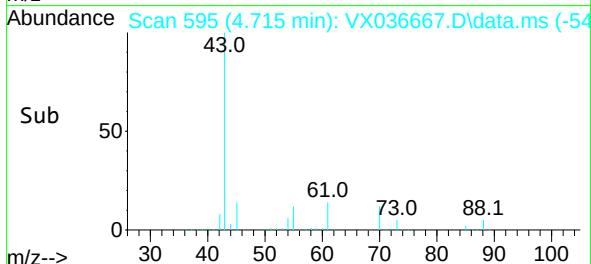
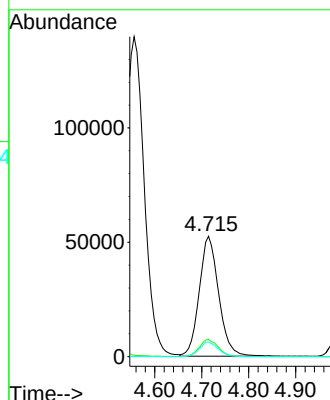
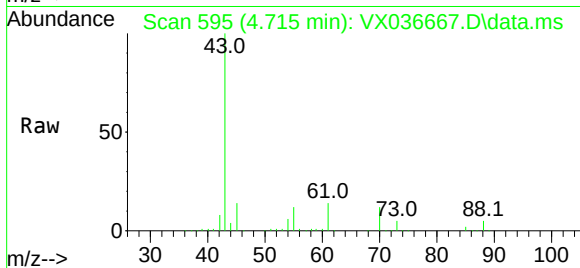
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	11.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#38

Carbon Tetrachloride

Concen: 46.846 ug/l

RT: 5.678 min Scan# 753

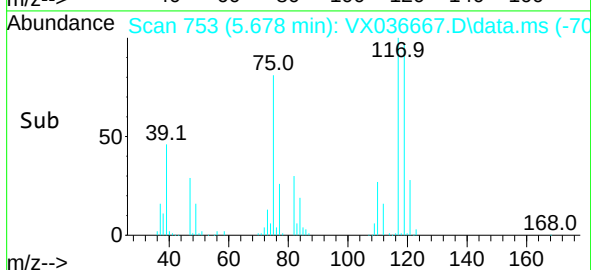
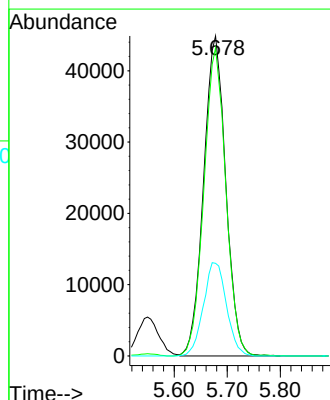
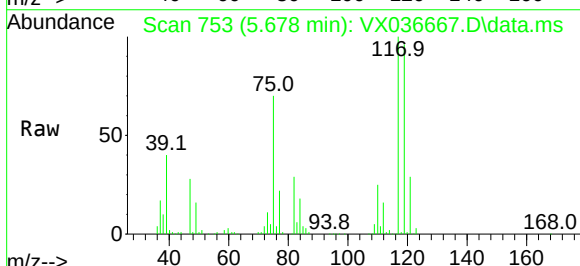
Delta R.T. 0.000 min

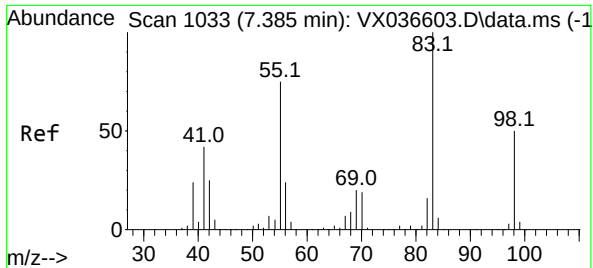
Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Tgt Ion:117 Resp: 129969

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
121	29.0	24.4	36.6





#39
Methylcyclohexane
Concen: 44.414 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

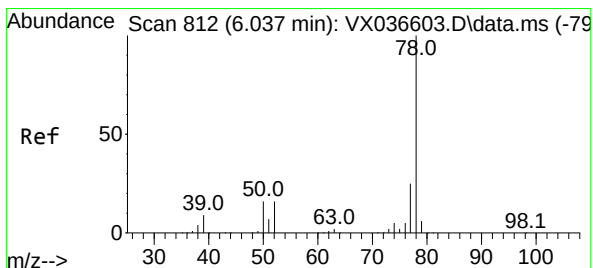
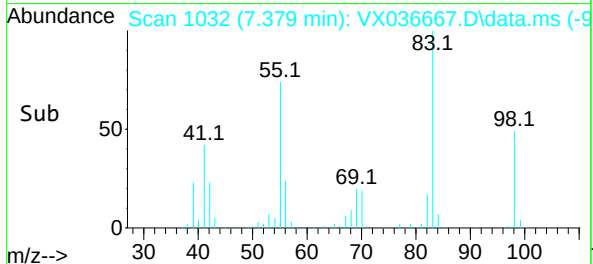
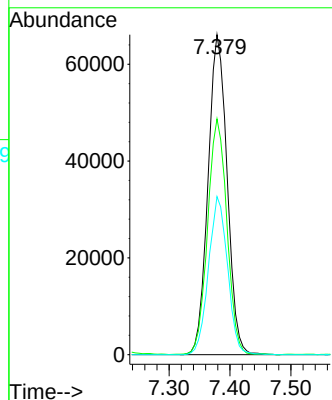
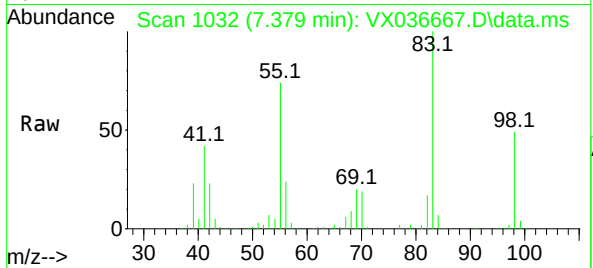
Tgt Ion: 83 Resp: 144120
Ion Ratio Lower Upper
83 100
55 73.7 64.6 97.0
98 49.4 36.7 55.1

Manual Integrations

APPROVED

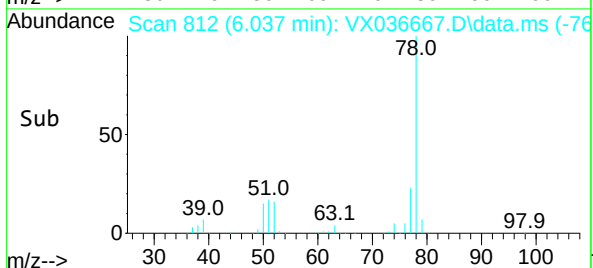
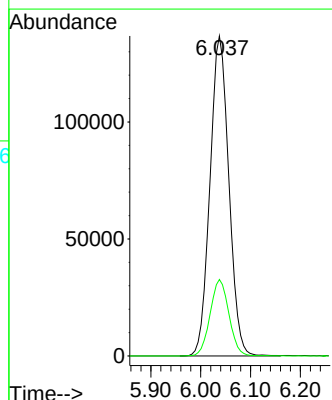
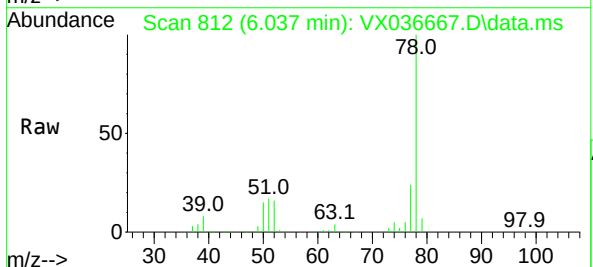
Reviewed By :John Carlone 07/28/2023

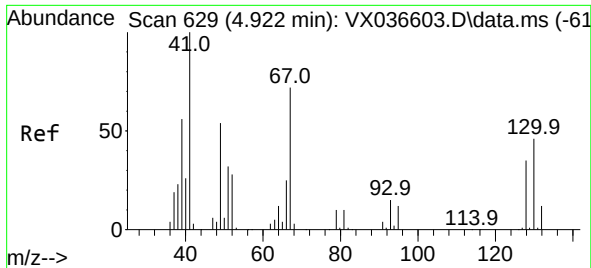
Supervised By :Semsettin Yesilyurt 07/28/2023



#40
Benzene
Concen: 47.353 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

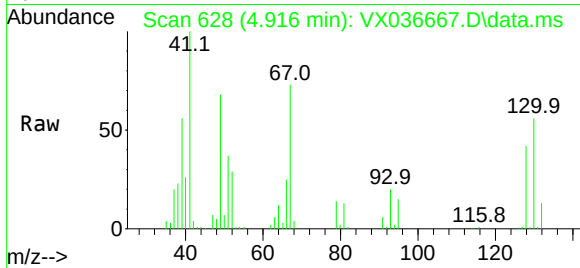
Tgt Ion: 78 Resp: 359526
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 51.814 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

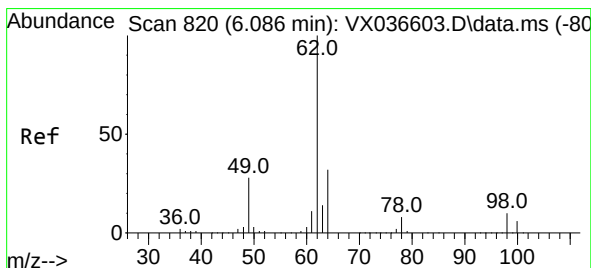
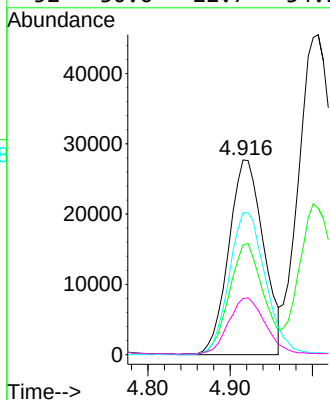
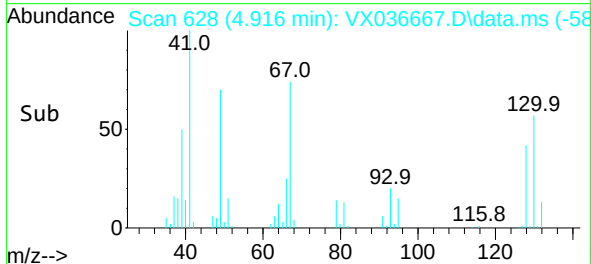
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8185
Ion Ratio Lower Upper
41 100
39 55.3 45.2 67.8
67 76.6 52.6 78.8
52 30.6 22.7 34.1

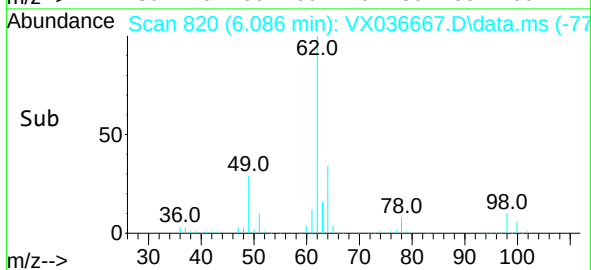
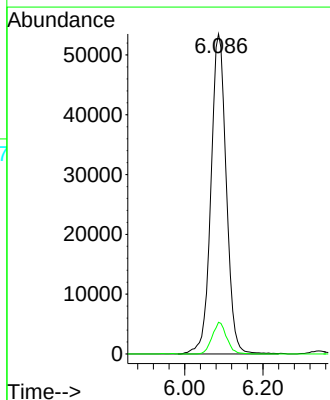
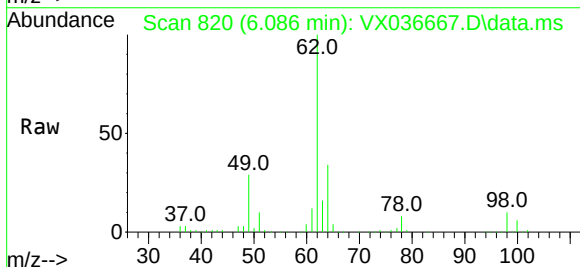
Manual Integrations
APPROVED

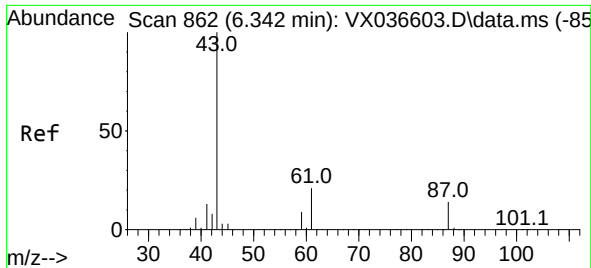
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#42
1,2-Dichloroethane
Concen: 52.326 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

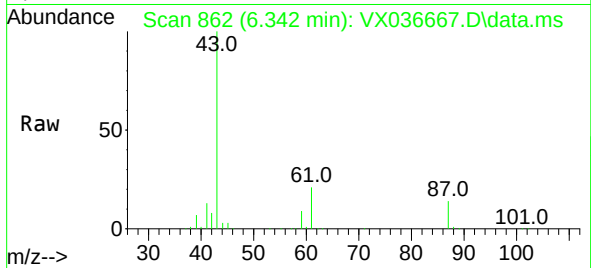
Tgt Ion: 62 Resp: 145254
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.737 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

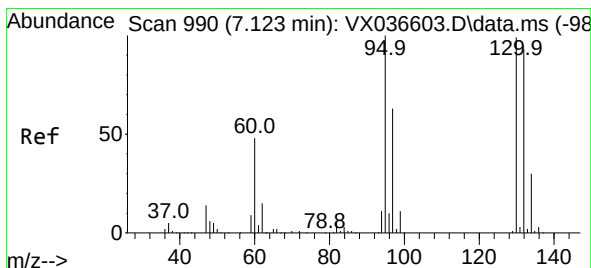
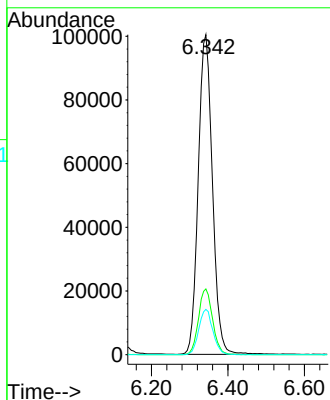
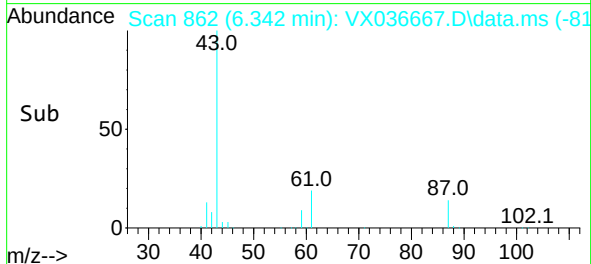
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 257960
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.1 9.8 14.6

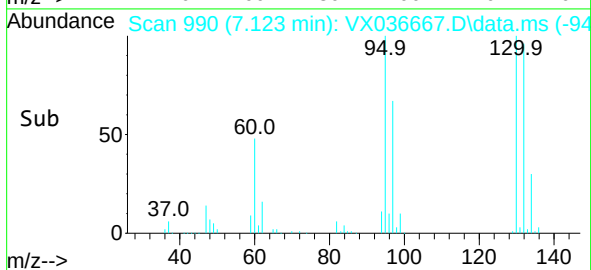
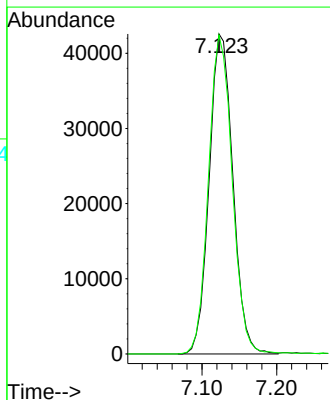
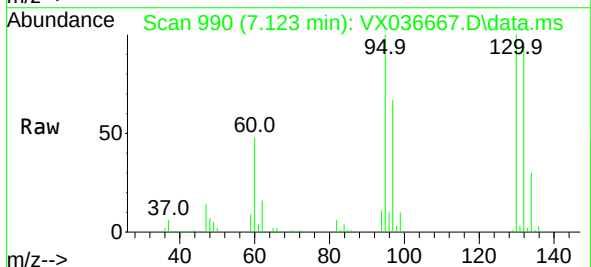
Manual Integrations
APPROVED

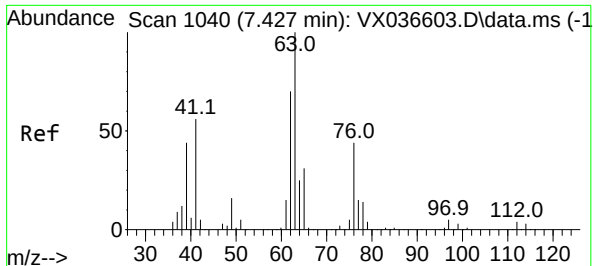
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#44
Trichloroethene
Concen: 47.197 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion:130 Resp: 93666
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.364 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 98040

Ion Ratio Lower Upper

63 100

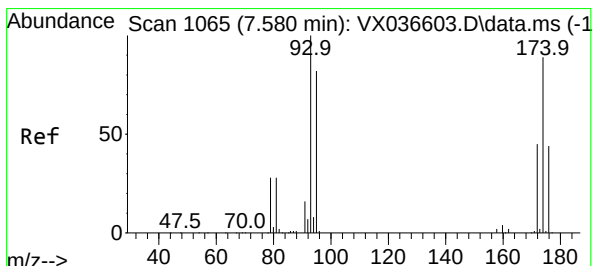
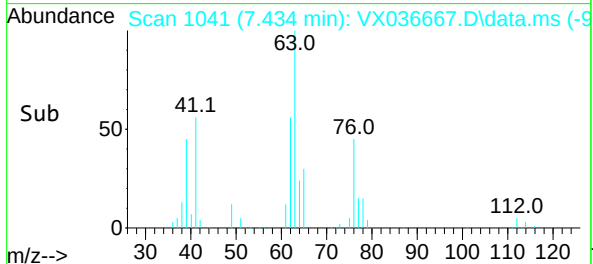
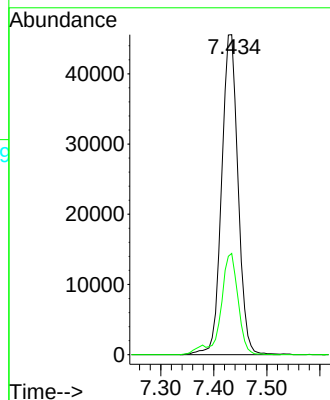
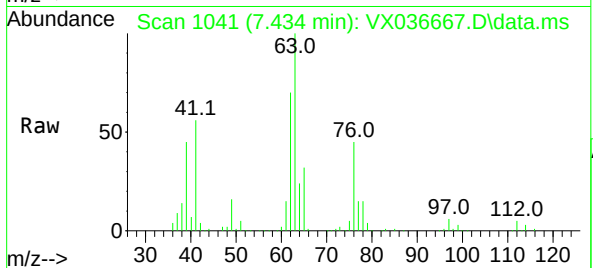
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#46

Dibromomethane

Concen: 52.319 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

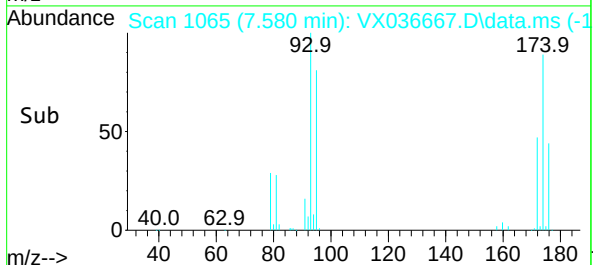
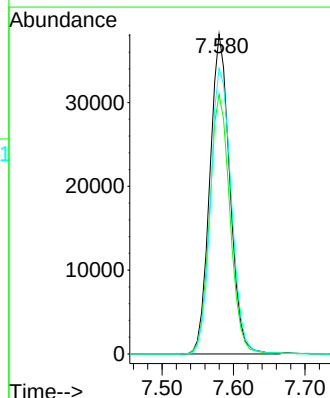
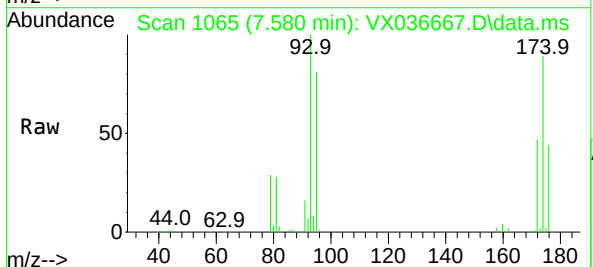
Tgt Ion: 93 Resp: 74226

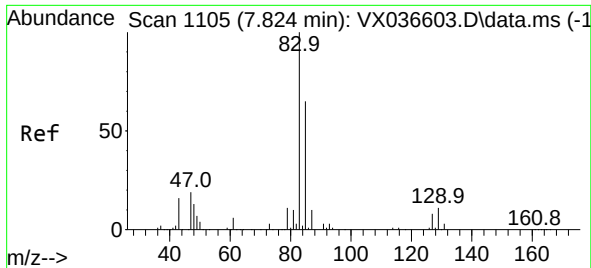
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

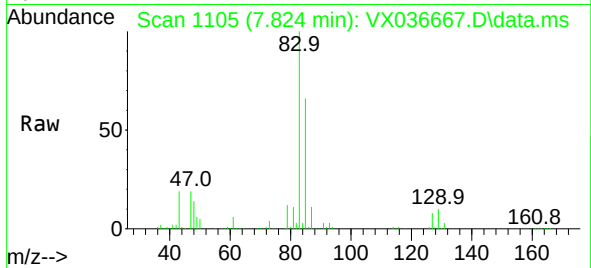
174 92.3 69.4 104.0





#47
Bromodichloromethane
Concen: 50.441 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

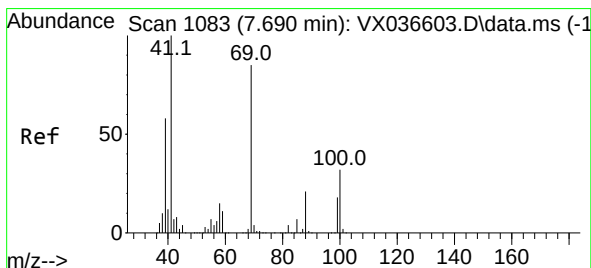
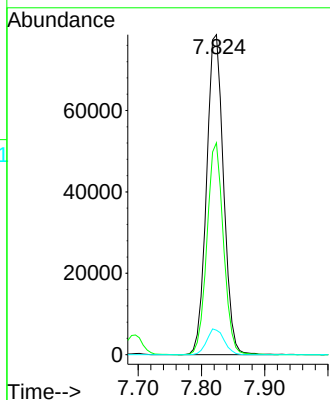
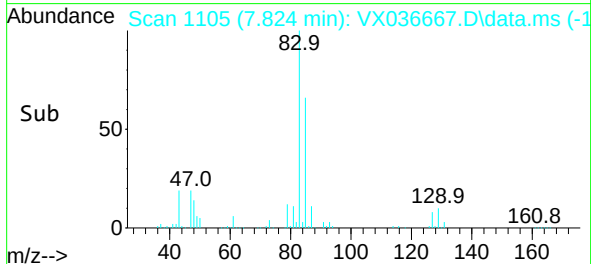
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 146890
Ion Ratio Lower Upper
83 100
85 66.2 49.8 74.6
127 7.6 7.1 10.7

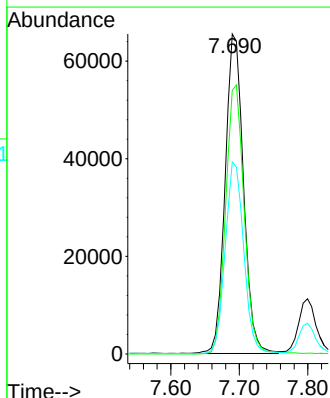
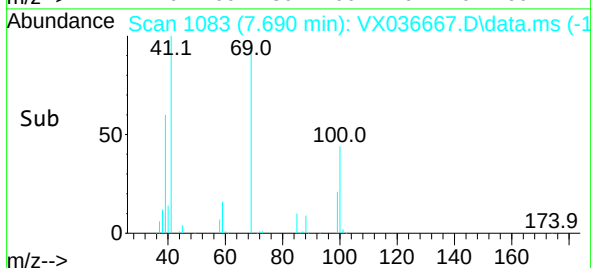
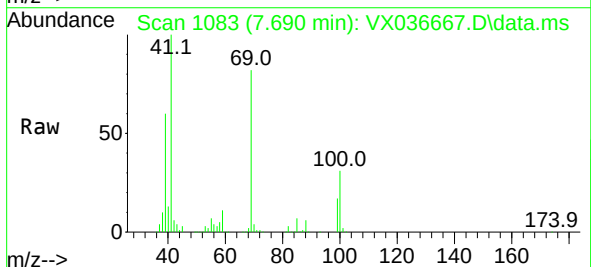
Manual Integrations
APPROVED

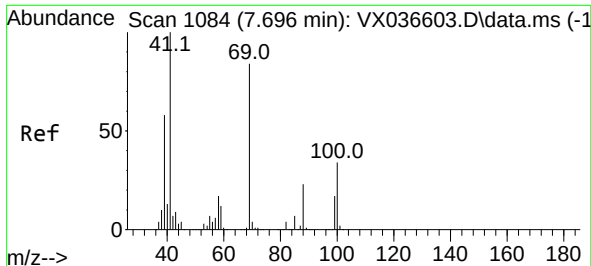
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#48
Methyl methacrylate
Concen: 51.425 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion: 41 Resp: 121596
Ion Ratio Lower Upper
41 100
69 85.0 59.2 88.8
39 60.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1201.538 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 57394

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0

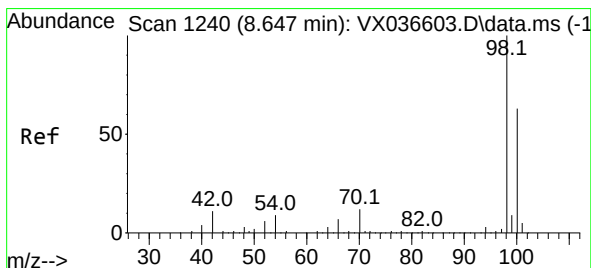
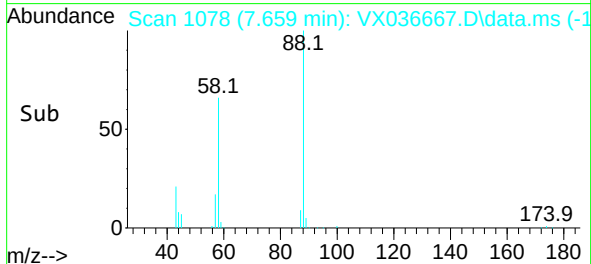
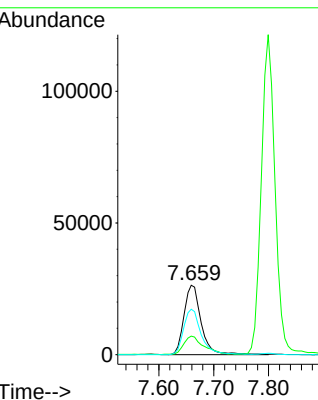
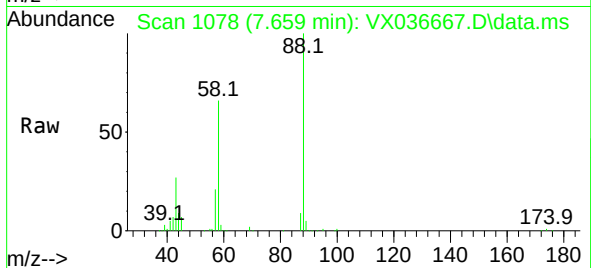
58 67.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

Toluene-d8

Concen: 47.139 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036667.D

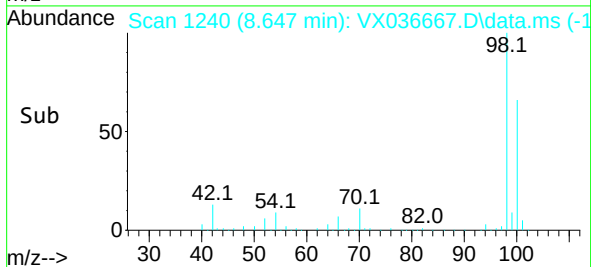
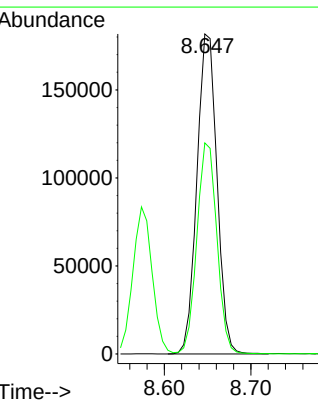
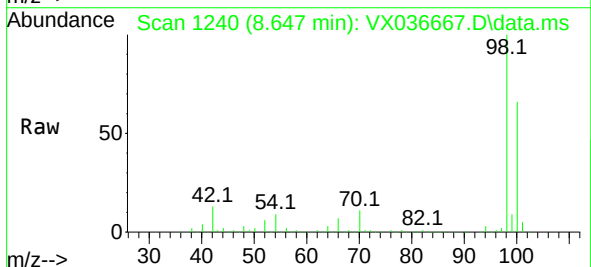
Acq: 27 Jul 2023 11:17

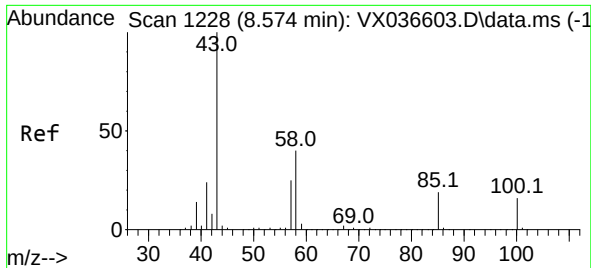
Tgt Ion: 98 Resp: 292678

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 269.826 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

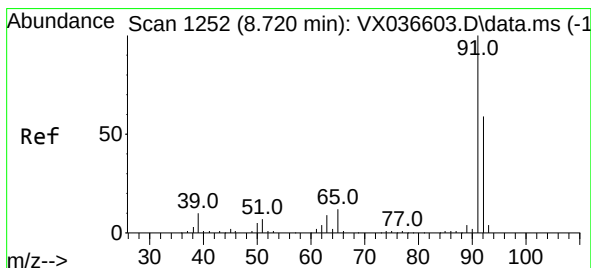
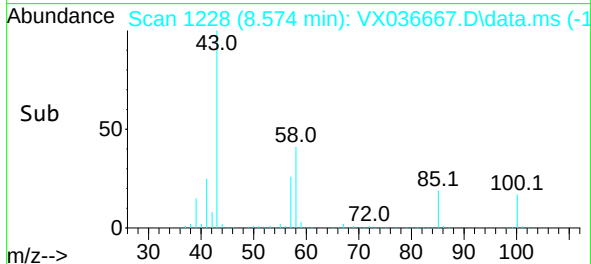
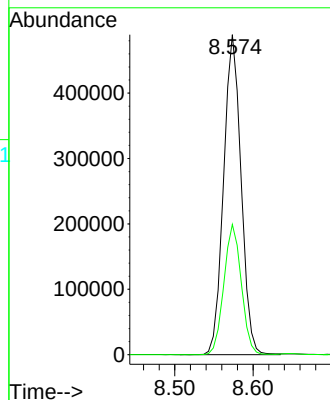
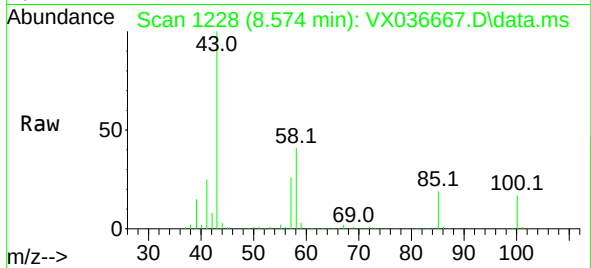
VSTDCCC050

Tgt Ion: 43 Resp: 75919
Ion Ratio Lower Upper
43 100
58 40.6 30.4 45.6

Manual Integrations

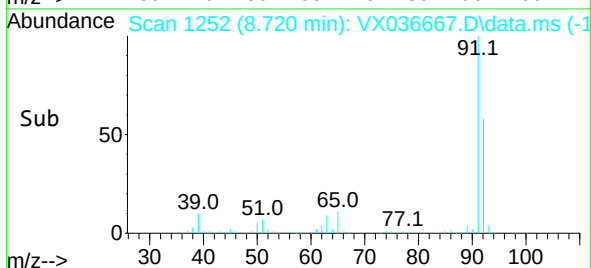
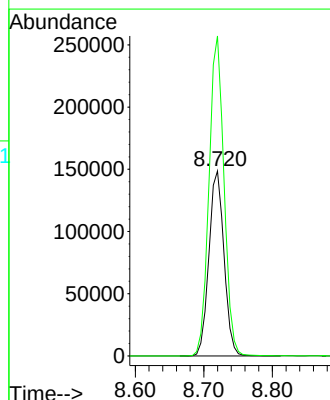
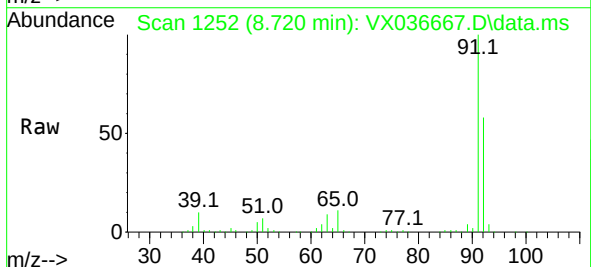
APPROVED

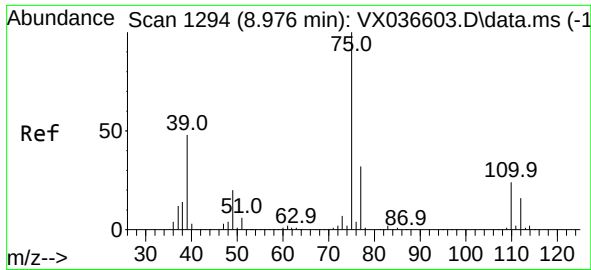
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#52
Toluene
Concen: 47.921 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion: 92 Resp: 227979
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.936 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 17094

Ion Ratio Lower Upper

75 100

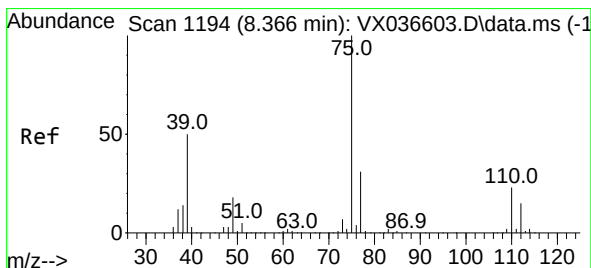
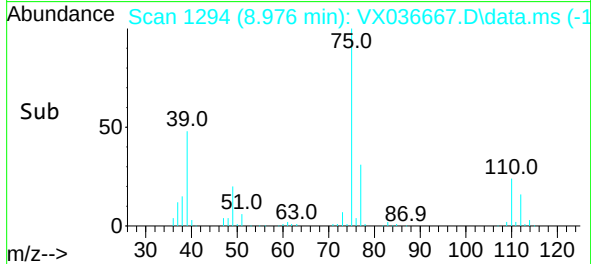
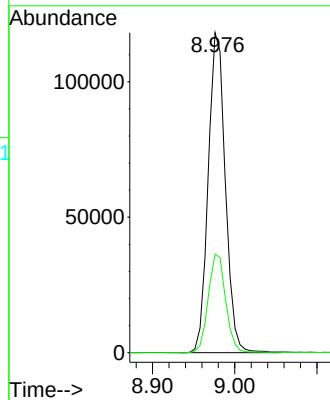
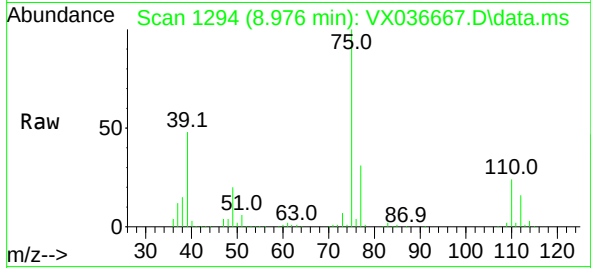
77 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#54

cis-1,3-Dichloropropene

Concen: 49.745 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

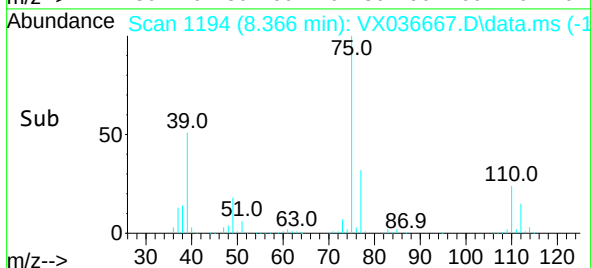
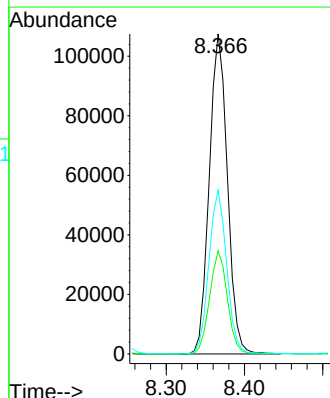
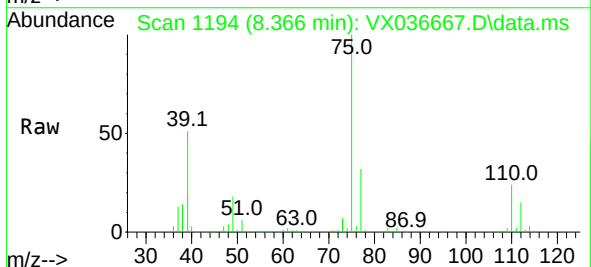
Tgt Ion: 75 Resp: 172774

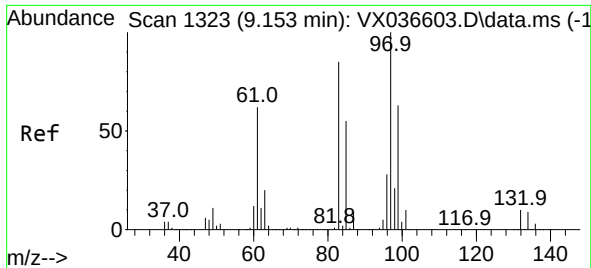
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

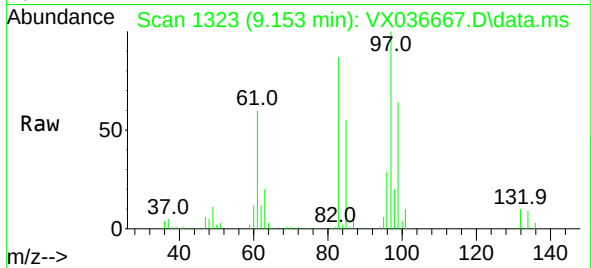
39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.563 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

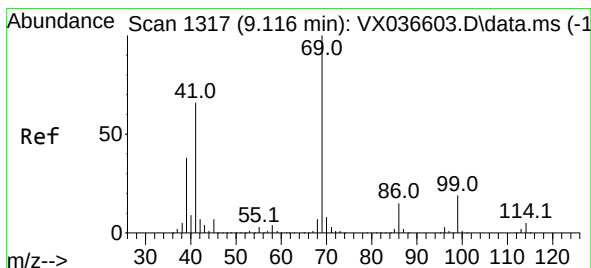
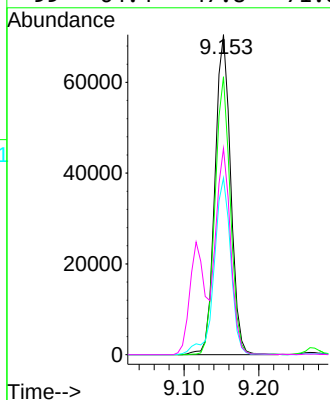
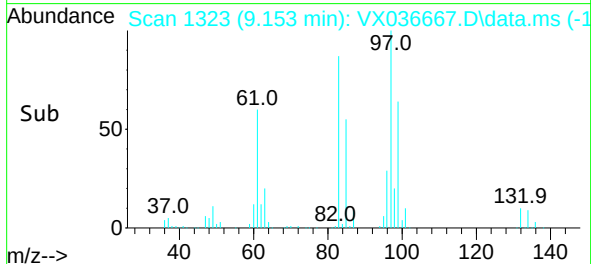
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



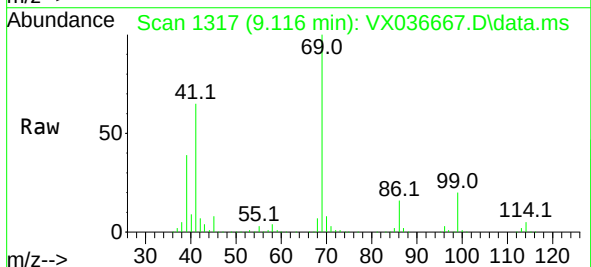
Tgt Ion: 97 Resp: 103115
Ion Ratio Lower Upper
97 100
83 86.9 65.8 98.8
85 55.1 41.6 62.4
99 64.4 47.8 71.8

Manual Integrations
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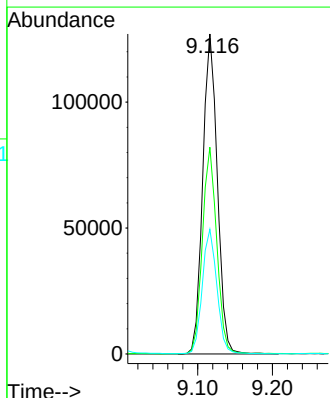
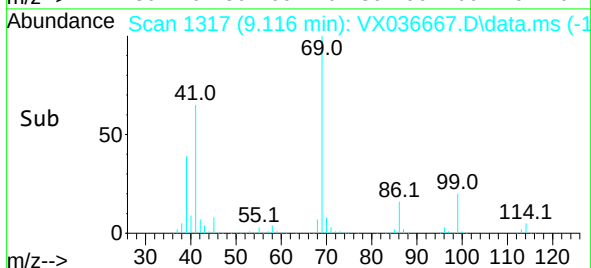
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

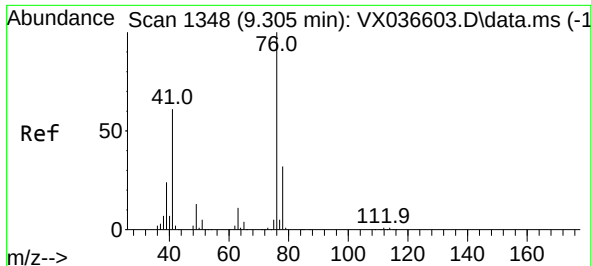


#56
Ethyl methacrylate
Concen: 53.001 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion: 69 Resp: 172592
Ion Ratio Lower Upper
69 100
41 63.3 56.8 85.2
39 38.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.188 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 173828

Ion Ratio Lower Upper

76 100

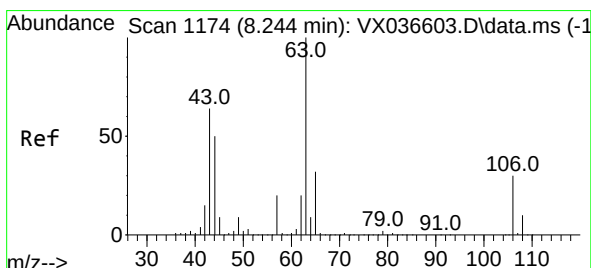
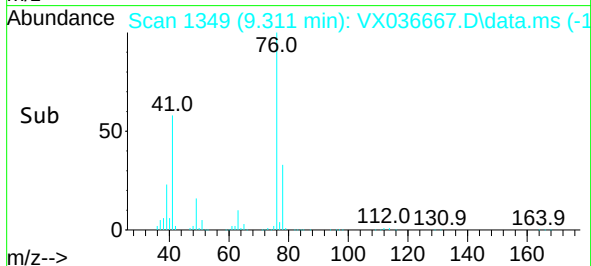
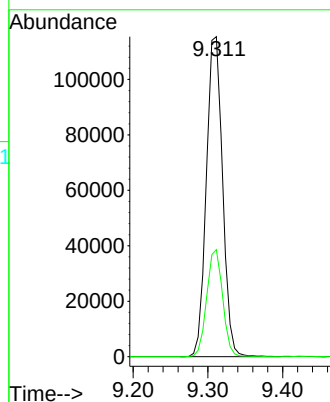
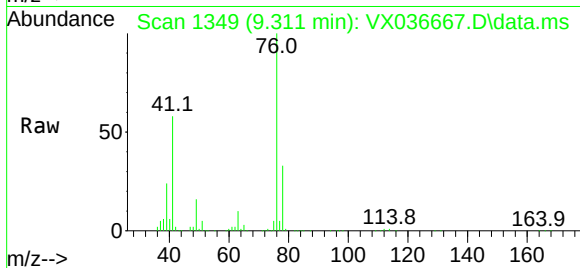
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 259.440 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX036667.D

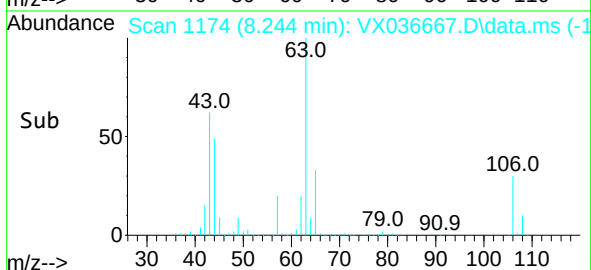
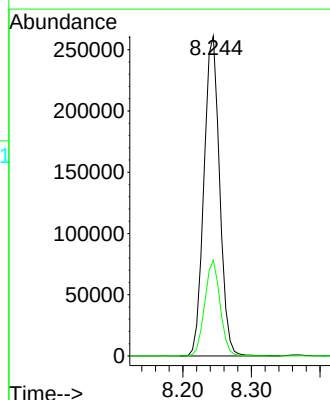
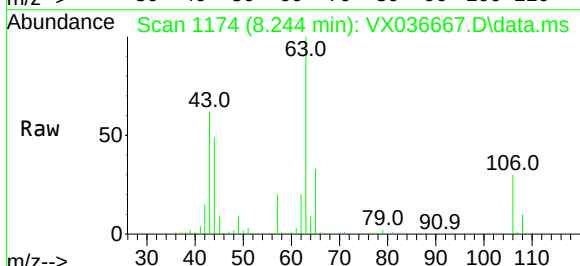
Acq: 27 Jul 2023 11:17

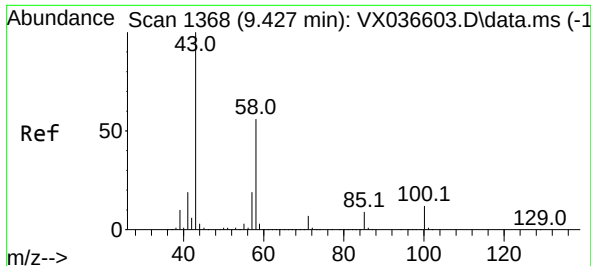
Tgt Ion: 63 Resp: 416278

Ion Ratio Lower Upper

63 100

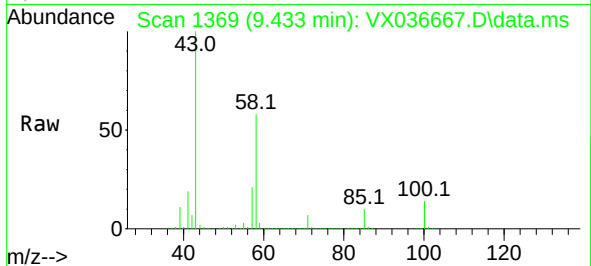
106 29.3 22.5 33.7





#59
2-Hexanone
Concen: 278.175 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

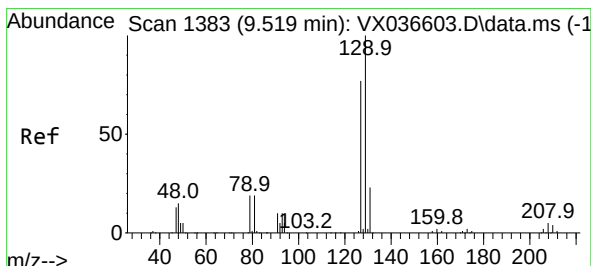
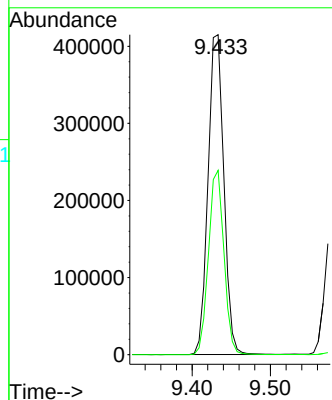
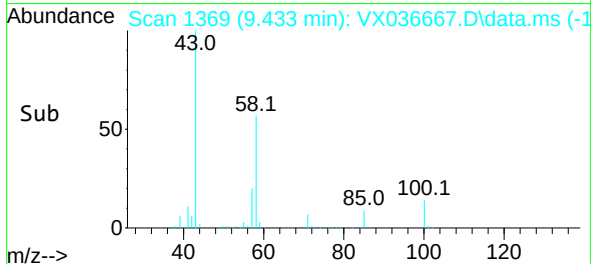
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 58088
Ion Ratio Lower Upper
43 100
58 56.3 26.2 78.5

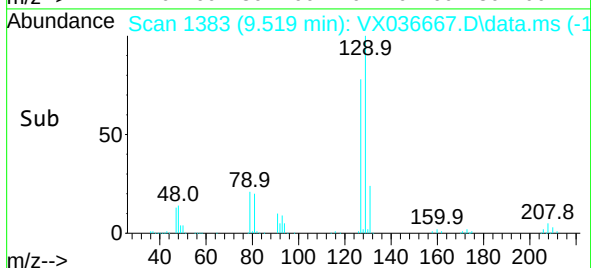
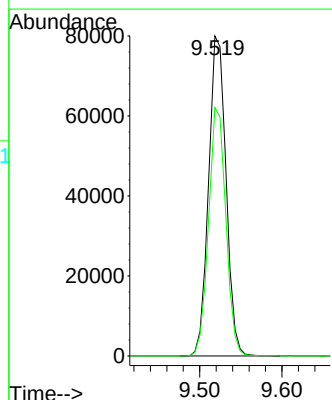
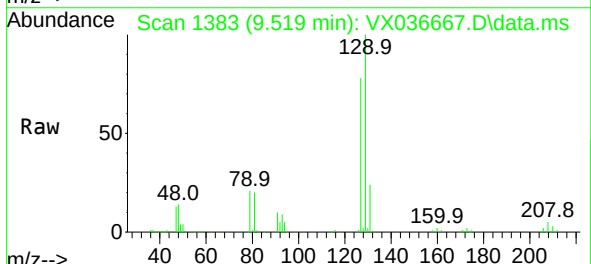
Manual Integrations
APPROVED

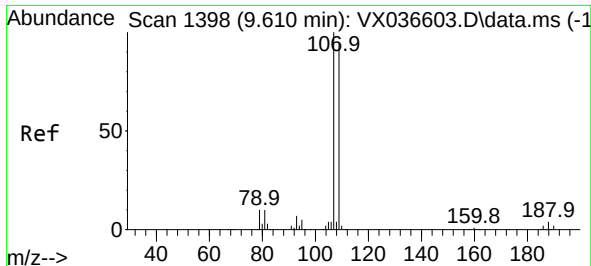
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
Dibromochloromethane
Concen: 53.645 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion:129 Resp: 117911
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





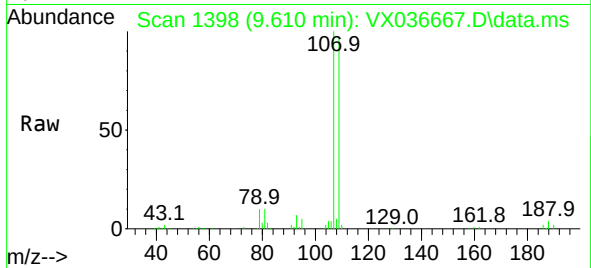
#61
1,2-Dibromoethane
Concen: 52.542 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



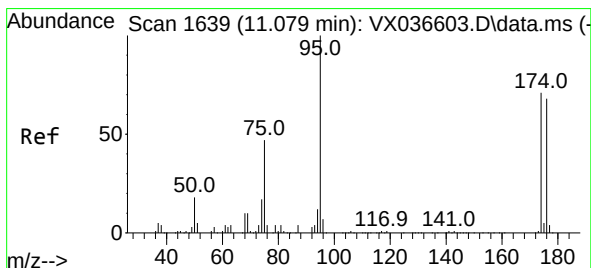
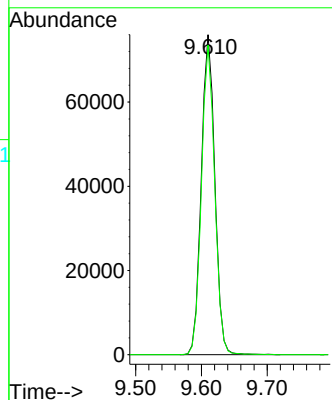
Tgt Ion:107 Resp: 108898
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations

APPROVED

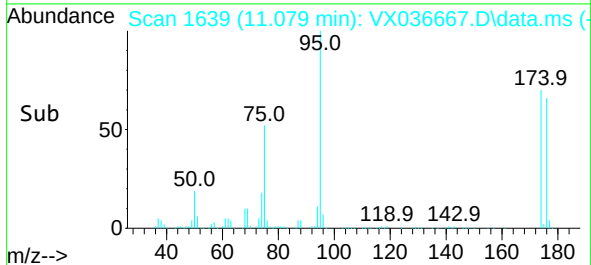
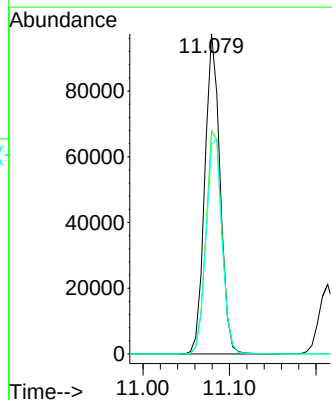
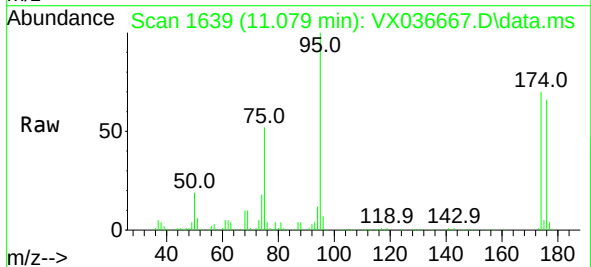
Reviewed By :John Carlone 07/28/2023

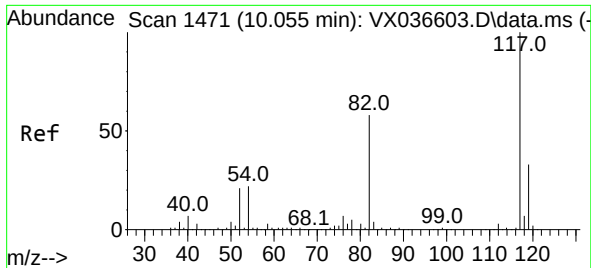
Supervised By :Semsettin Yesilyurt 07/28/2023



#62
4-Bromofluorobenzene
Concen: 50.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

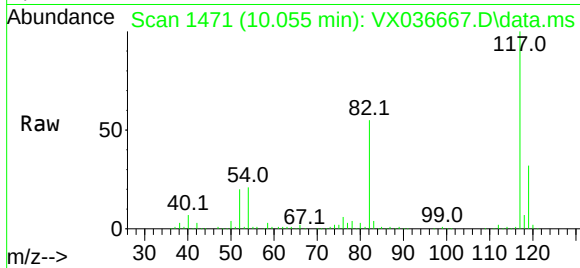
Tgt Ion: 95 Resp: 119143
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

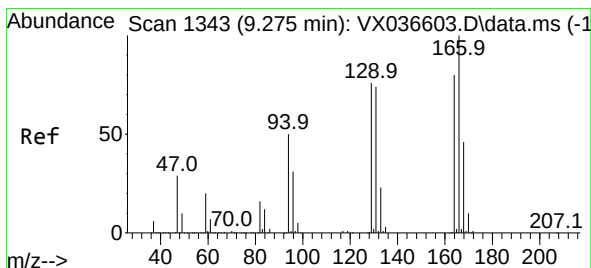
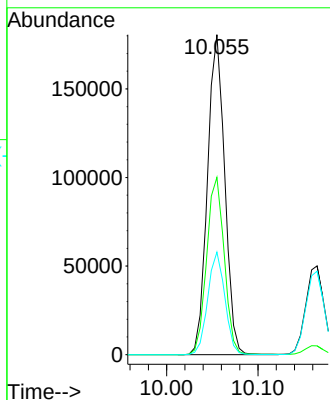
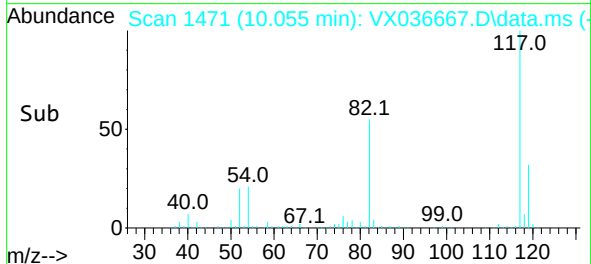
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23663
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.1 25.5 38.3

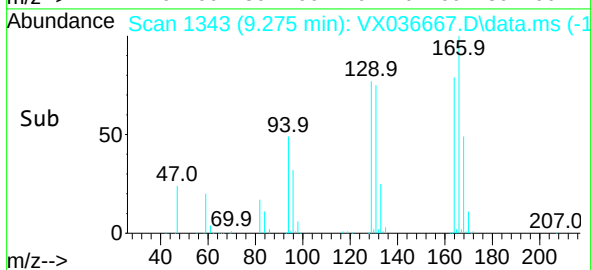
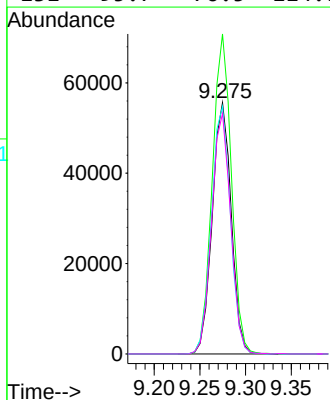
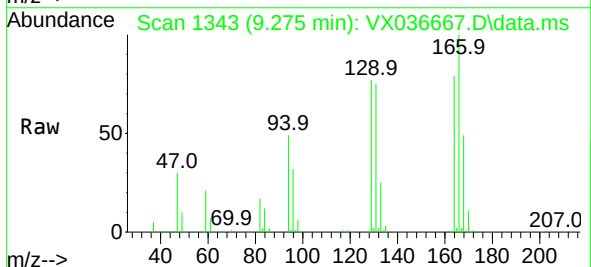
Manual Integrations
APPROVED

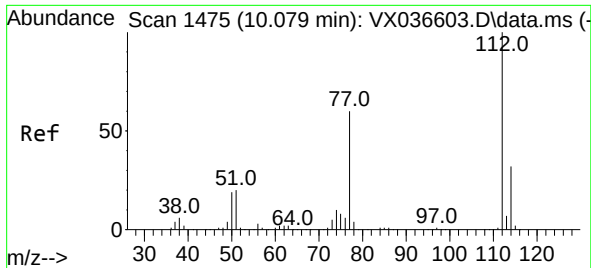
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#64
Tetrachloroethene
Concen: 45.401 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

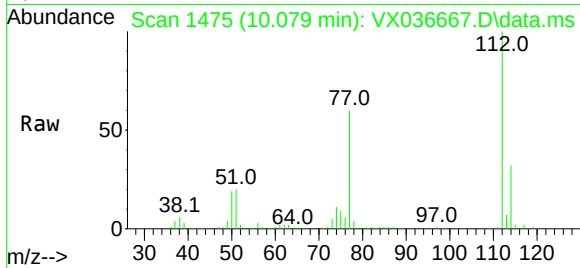
Tgt Ion:164 Resp: 80134
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 98.5 80.4 120.6
131 95.7 76.5 114.7





#65
Chlorobenzene
Concen: 48.623 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

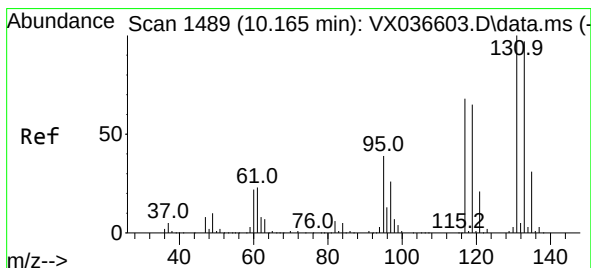
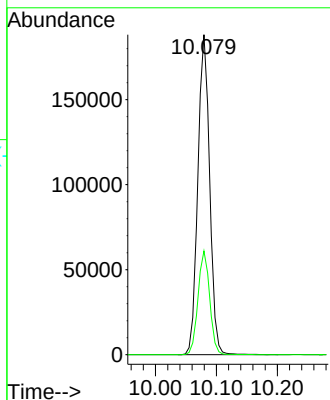
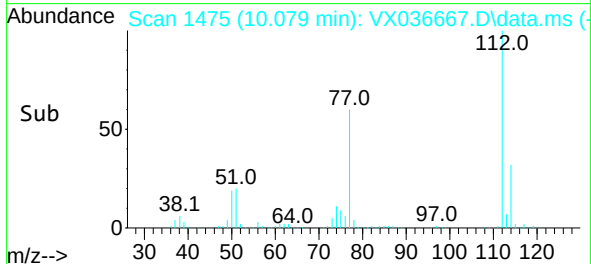
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



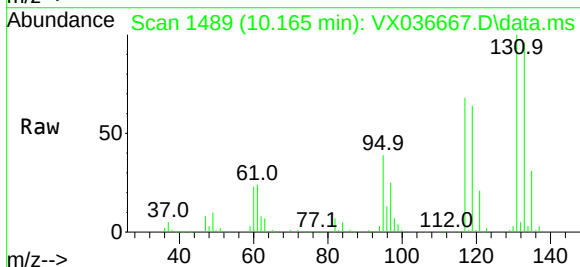
Tgt Ion:112 Resp: 253620
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

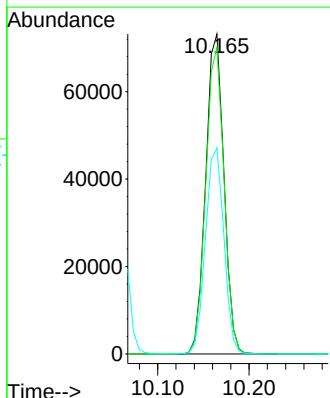
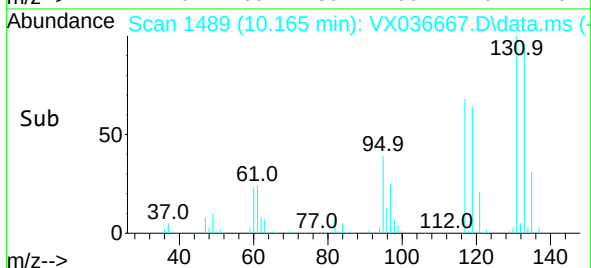
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

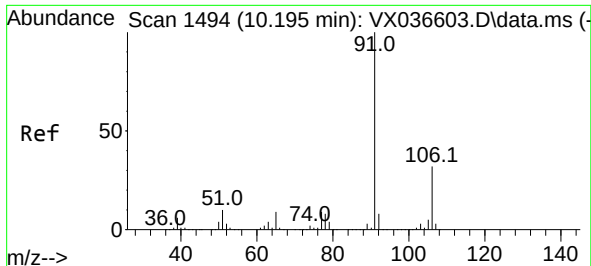


#66
1,1,1,2-Tetrachloroethane
Concen: 50.138 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion:131 Resp: 101083
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 65.4 32.2 96.6





#67

Ethyl Benzene

Concen: 46.764 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 445608

Ion Ratio Lower Upper

91 100

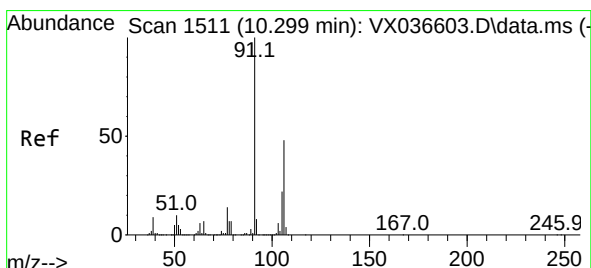
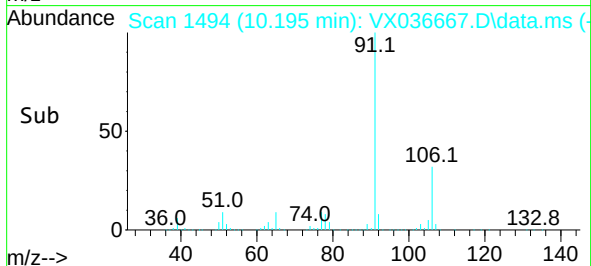
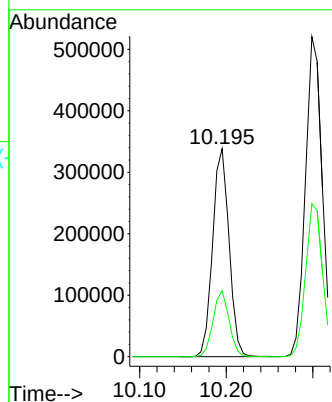
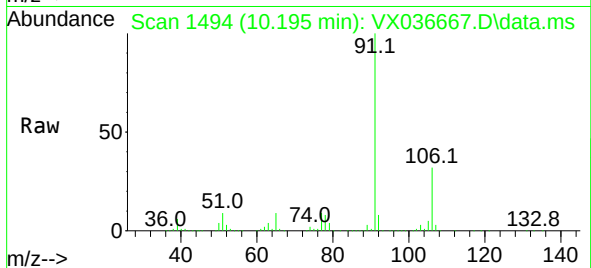
106 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#68

m/p-Xylenes

Concen: 95.251 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX036667.D

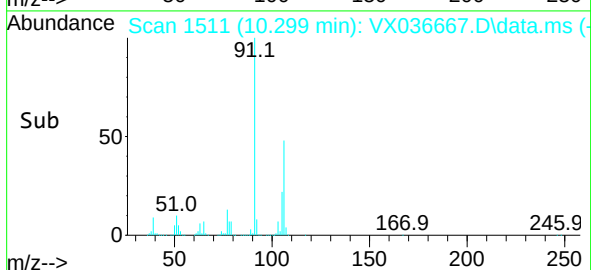
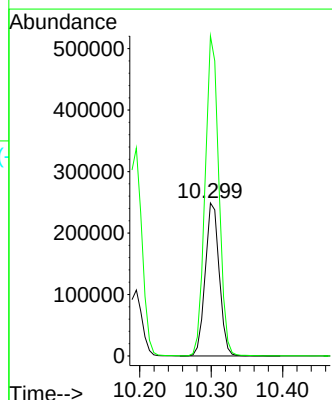
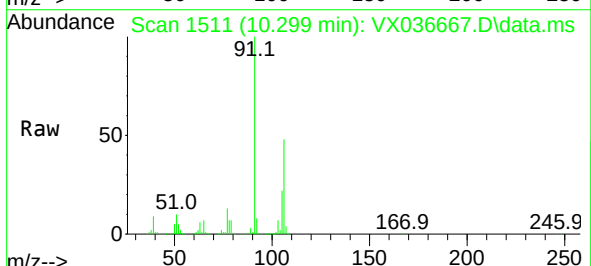
Acq: 27 Jul 2023 11:17

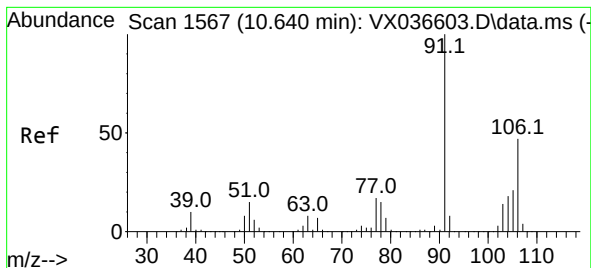
Tgt Ion:106 Resp: 338649

Ion Ratio Lower Upper

106 100

91 205.6 165.5 248.3





#69

o-Xylene

Concen: 48.044 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 17050

Ion Ratio Lower Upper

106 100

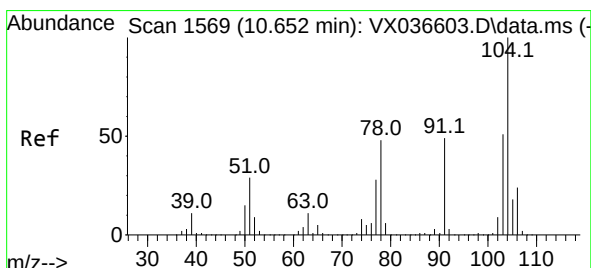
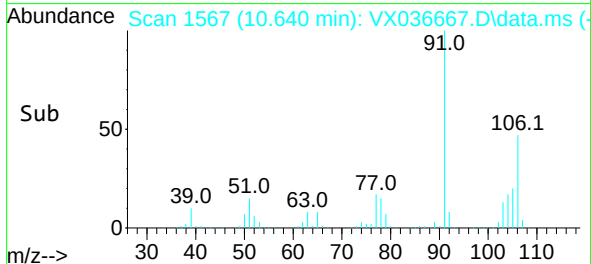
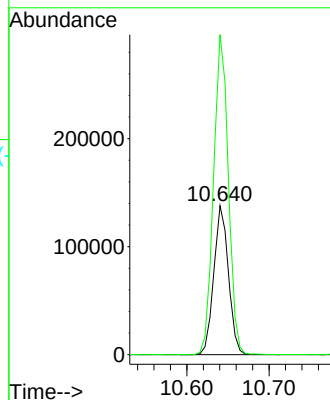
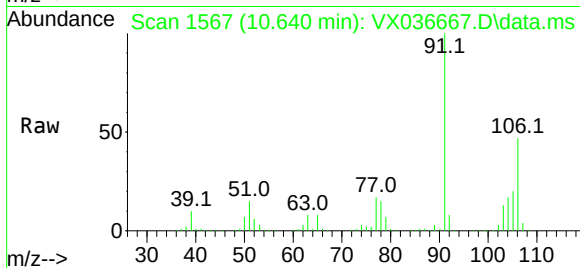
91 217.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#70

Styrene

Concen: 49.908 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

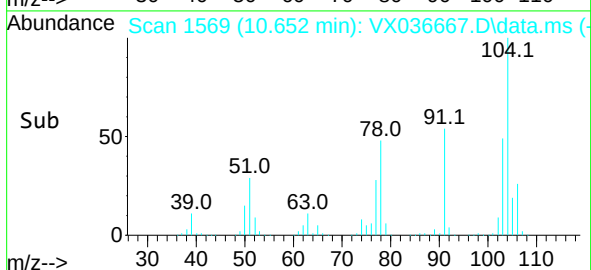
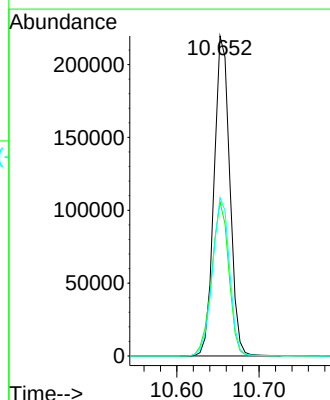
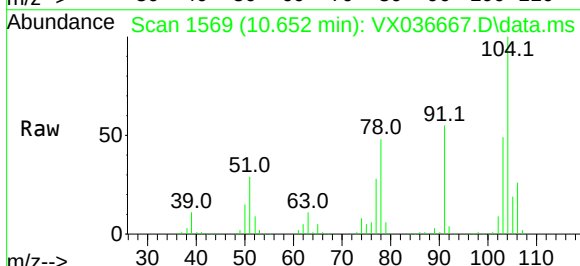
Tgt Ion:104 Resp: 292220

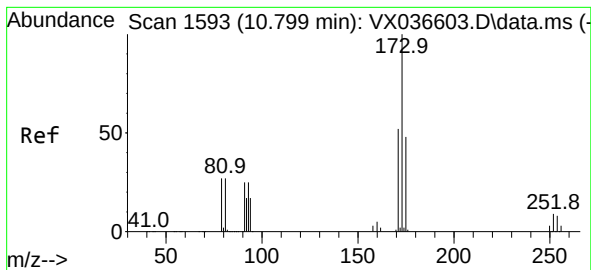
Ion Ratio Lower Upper

104 100

78 52.3 43.6 65.4

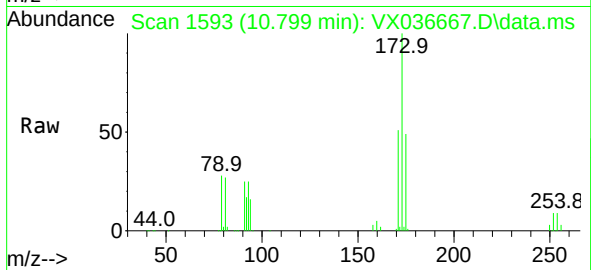
103 54.1 43.6 65.4





#71
Bromoform
Concen: 54.444 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

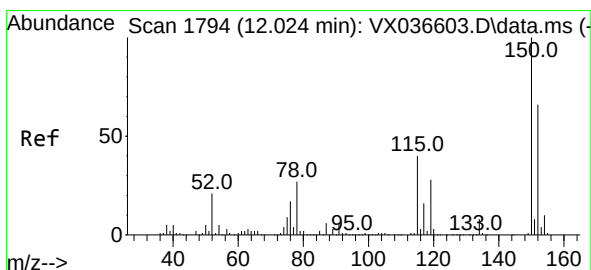
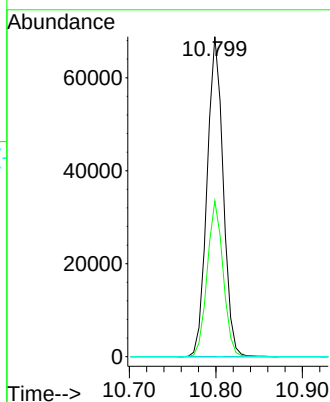
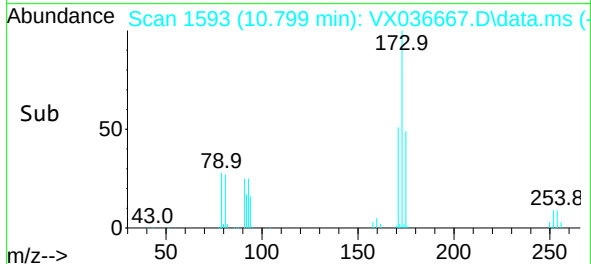
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



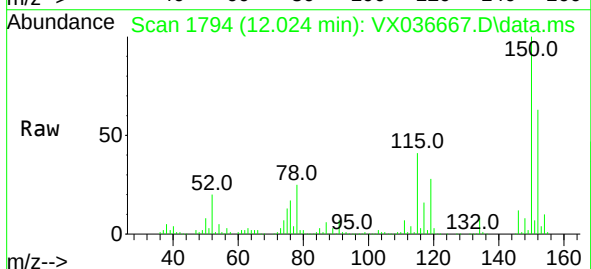
Tgt Ion:173 Resp: 88854
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

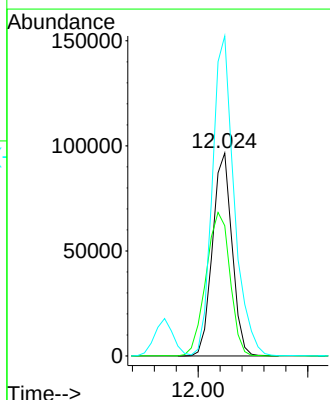
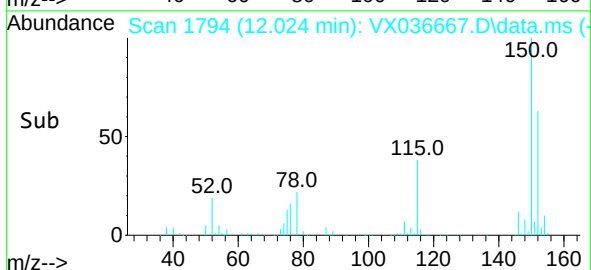
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

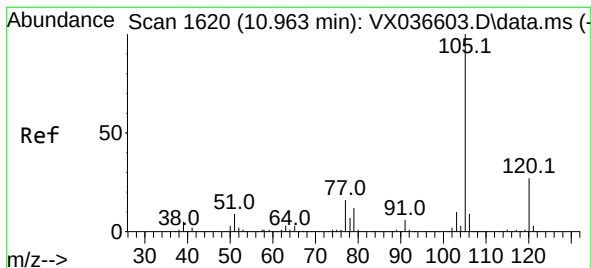


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion:152 Resp: 119547
Ion Ratio Lower Upper
152 100
115 87.4 43.3 129.9
150 176.2 0.0 345.0





#73

Isopropylbenzene

Concen: 44.411 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 439384

Ion Ratio Lower Upper

105 100

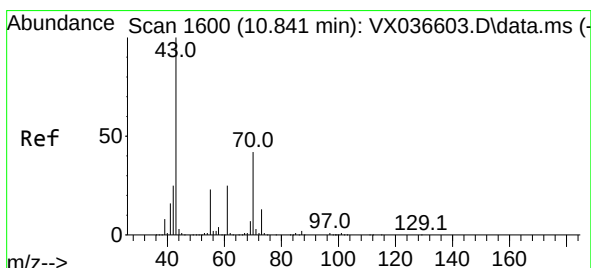
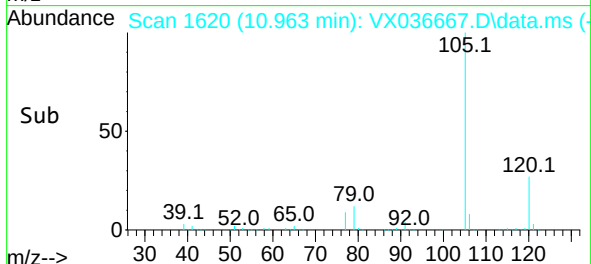
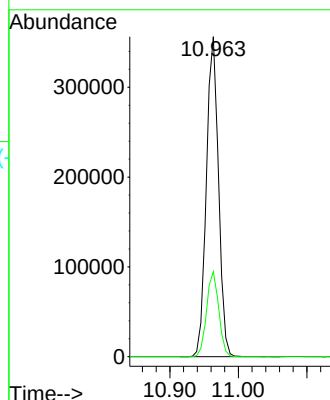
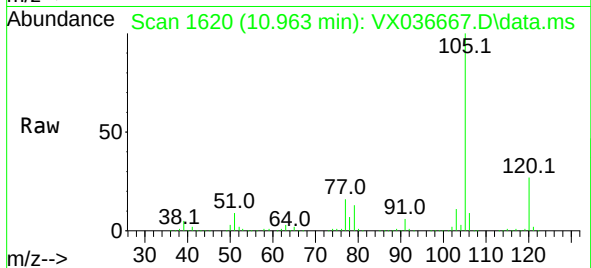
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#74

N-ethyl acetate

Concen: 47.719 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Tgt Ion: 43 Resp: 220157

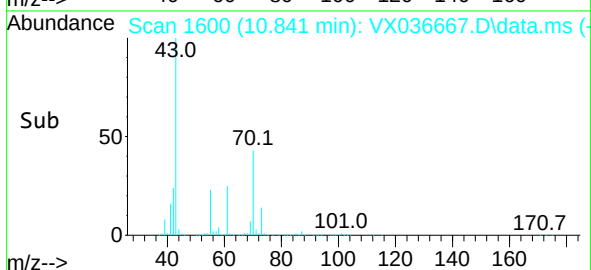
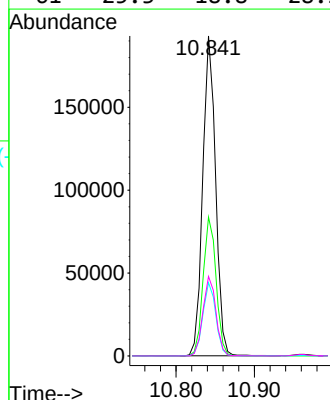
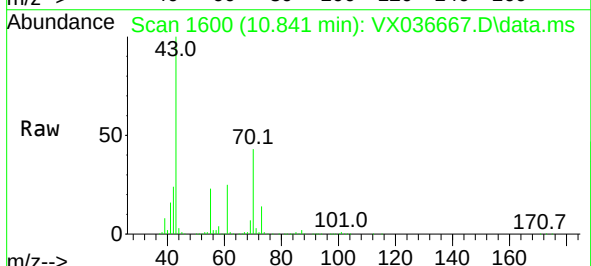
Ion Ratio Lower Upper

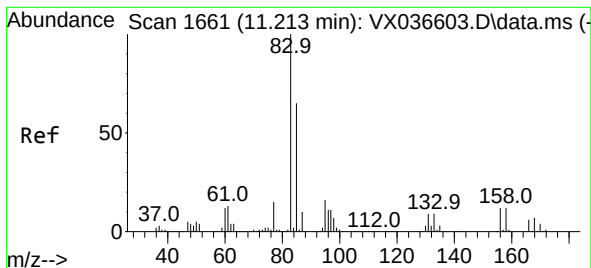
43 100

70 43.9 32.9 49.3

55 23.3 19.3 28.9

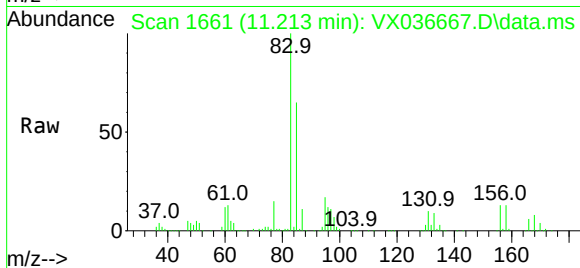
61 25.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.939 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

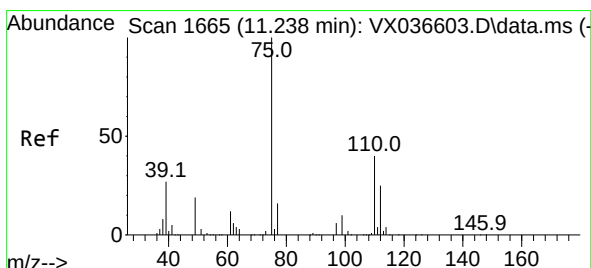
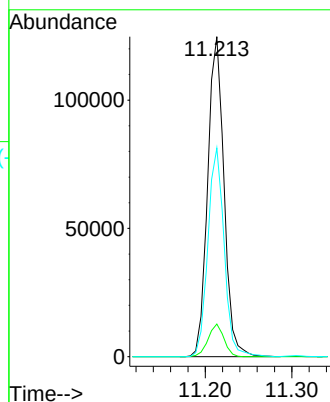
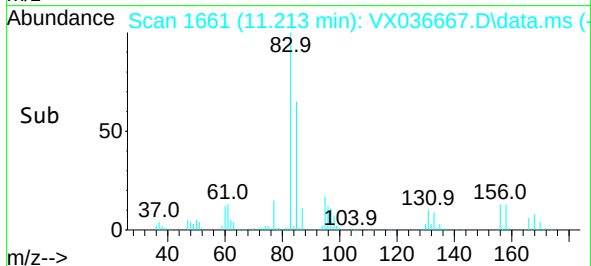
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



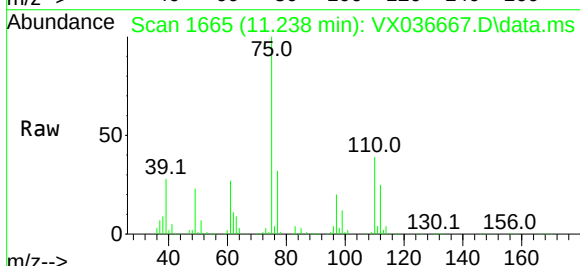
Tgt Ion: 83 Resp: 163532
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.9 32.0 96.2

Manual Integrations
APPROVED

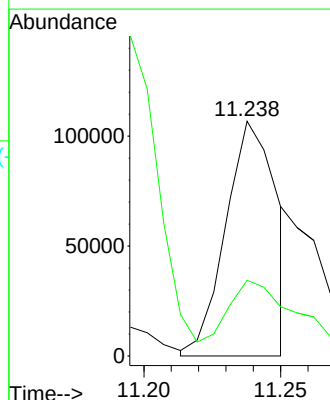
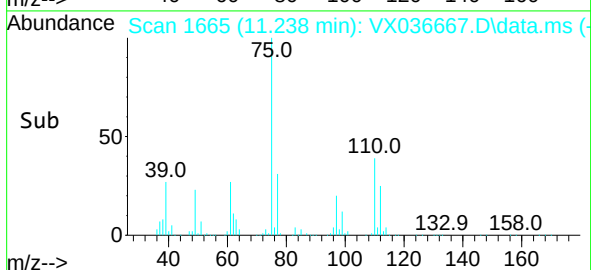
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

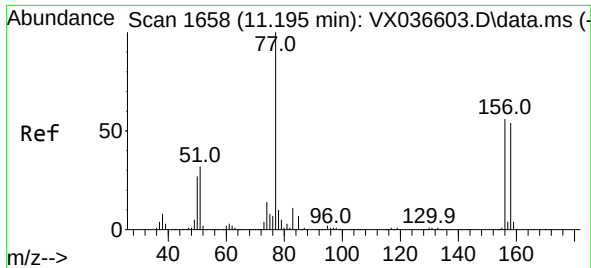


#76
1,2,3-Trichloropropane
Concen: 49.069 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



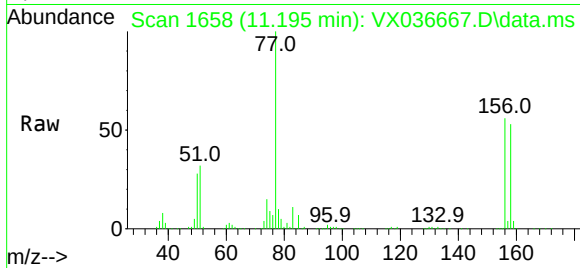
Tgt Ion: 75 Resp: 137975
Ion Ratio Lower Upper
75 100
77 45.4 19.1 57.5





#77
Bromobenzene
Concen: 48.171 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

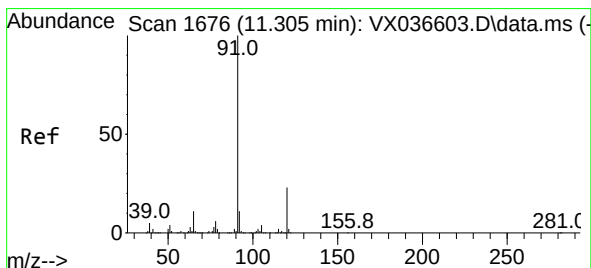
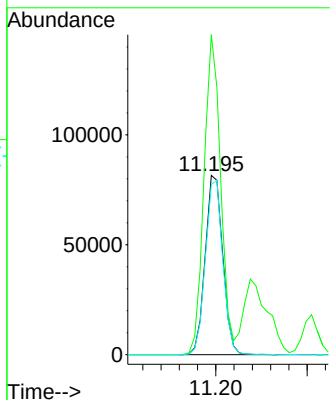
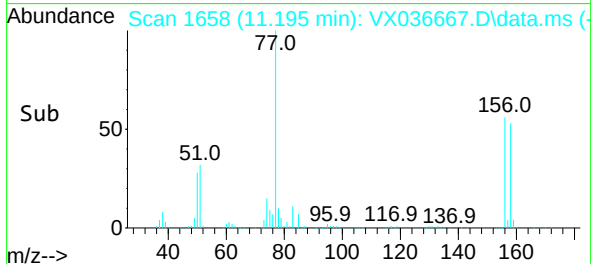
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



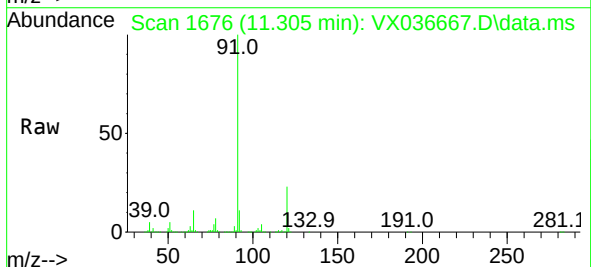
Tgt Ion:156 Resp: 108534
Ion Ratio Lower Upper
156 100
77 168.9 88.4 265.3
158 96.5 48.0 144.0

Manual Integrations
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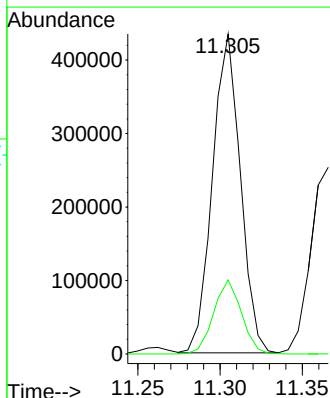
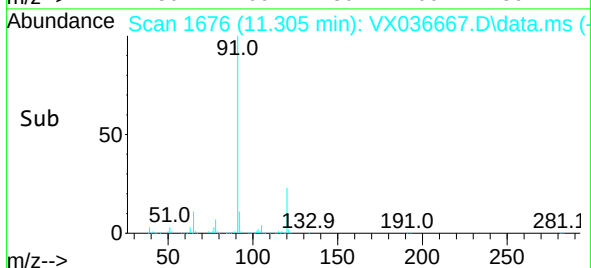
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

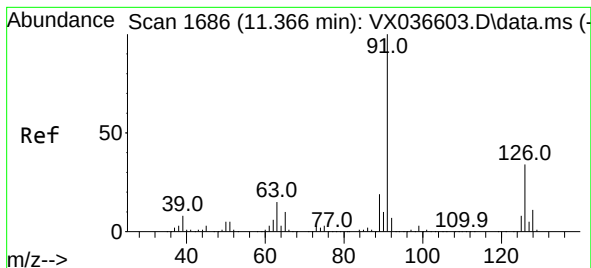


#78
n-propylbenzene
Concen: 44.732 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion: 91 Resp: 511826
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





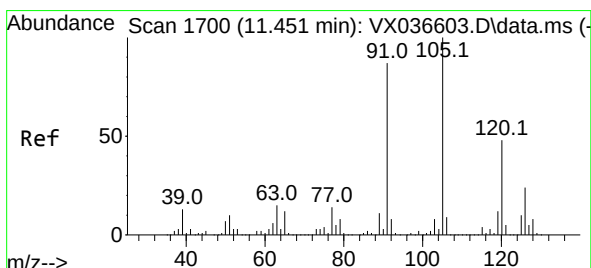
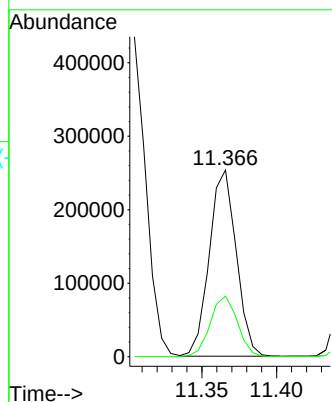
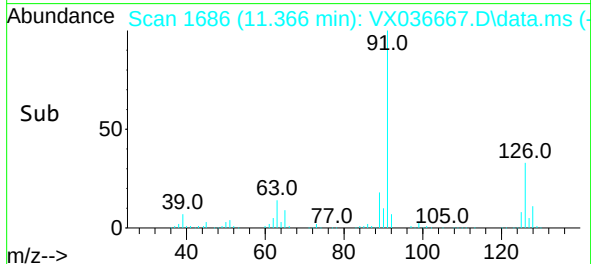
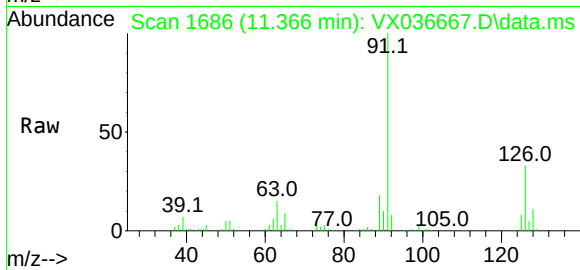
#79
2-Chlorotoluene
Concen: 45.712 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 316938
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

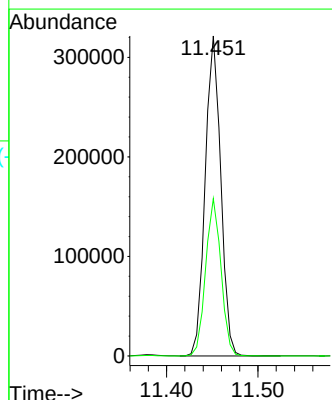
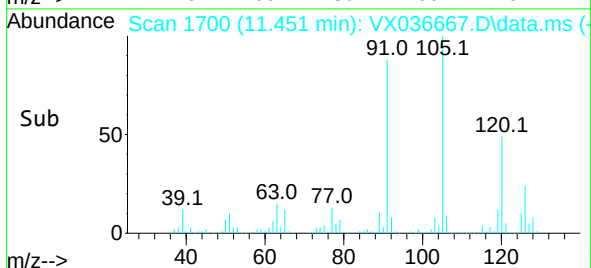
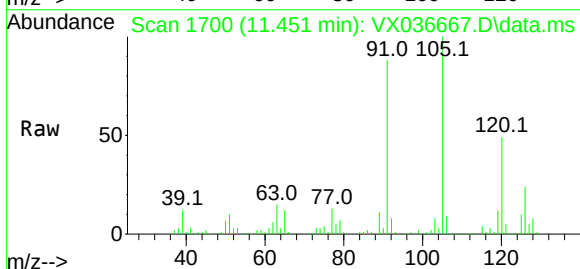
Manual Integrations
APPROVED

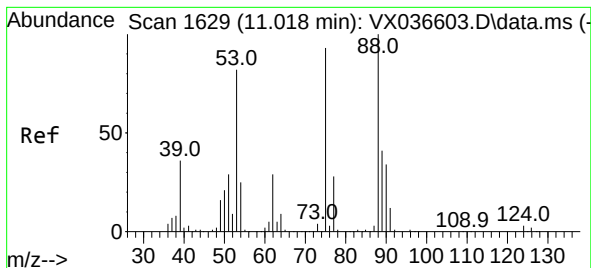
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.748 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Tgt Ion:105 Resp: 378646
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





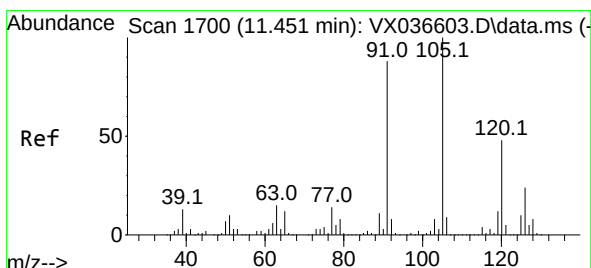
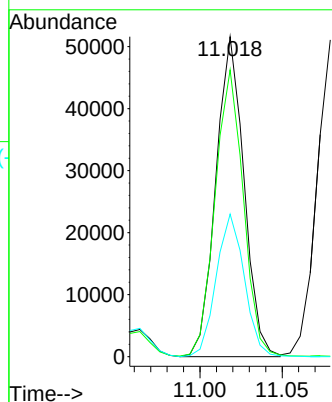
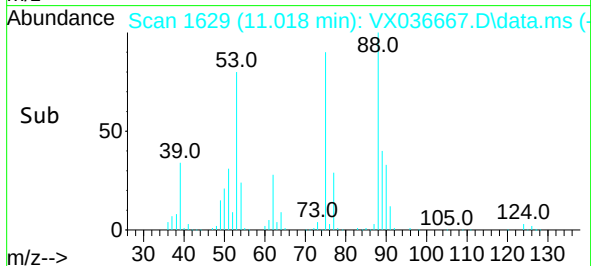
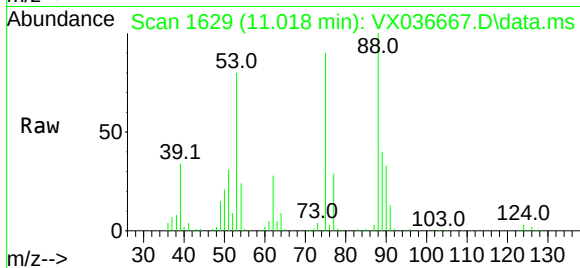
#81
trans-1,4-Dichloro-2-butene
Concen: 49.432 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 61329
Ion Ratio Lower Upper
75 100
53 89.9 90.5 135.7
89 44.6 36.9 55.3

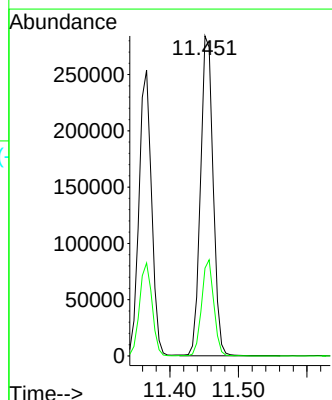
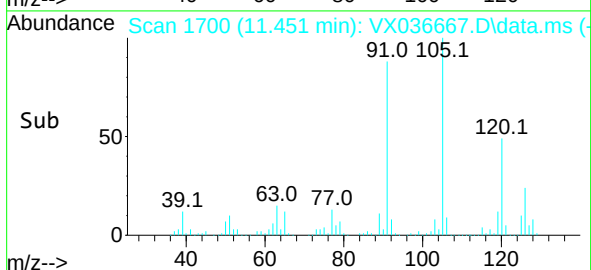
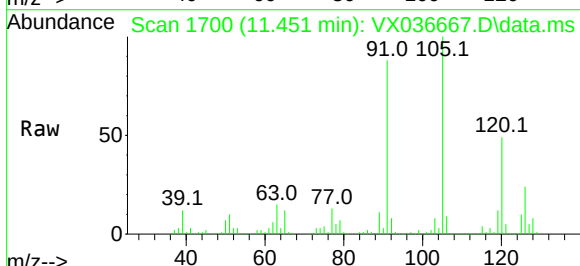
Manual Integrations
APPROVED

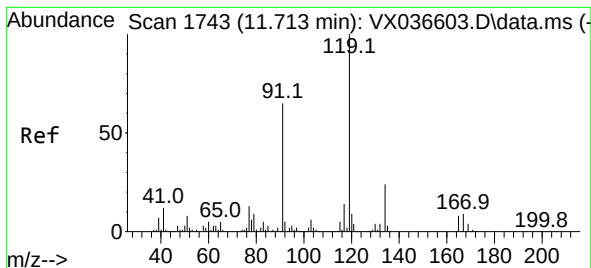
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#82
4-Chlorotoluene
Concen: 46.230 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

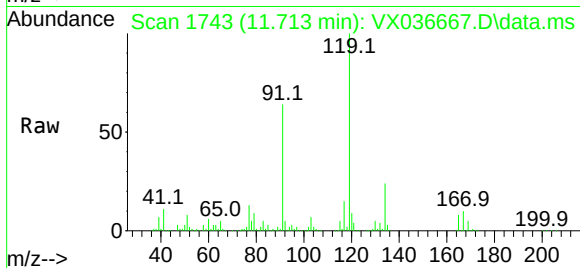
Tgt Ion: 91 Resp: 365213
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.805 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

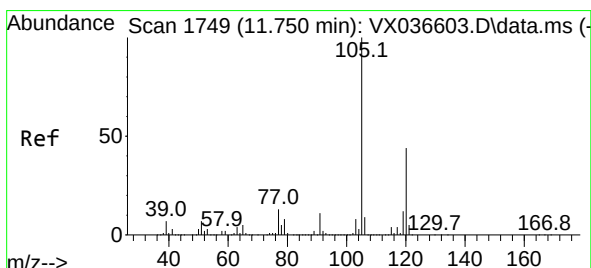
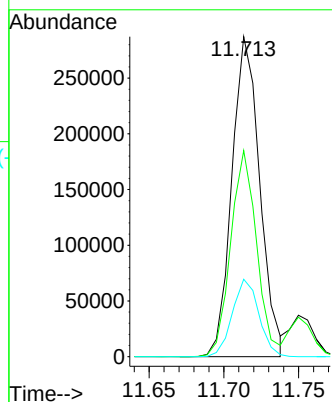
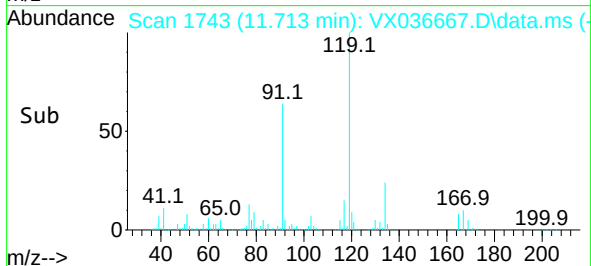
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 37243
Ion Ratio Lower Upper
119 100
91 60.0 31.2 93.6
134 23.1 11.7 35.0

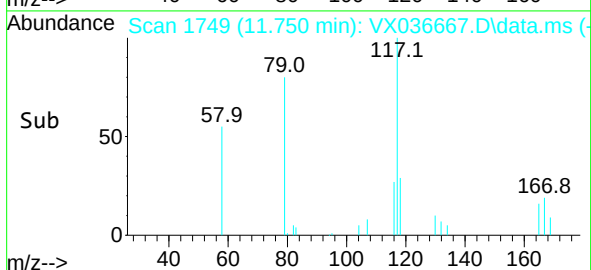
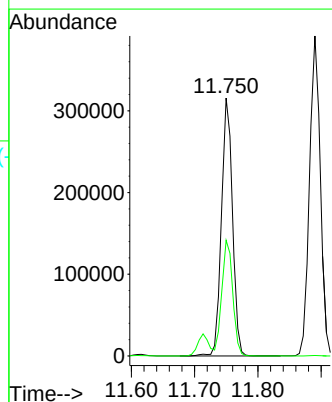
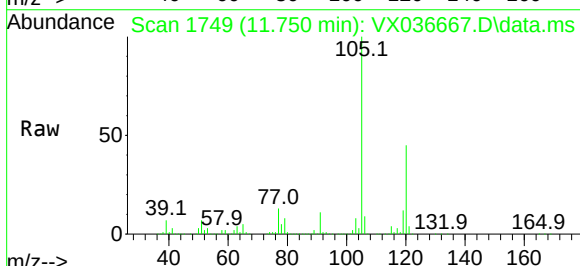
Manual Integrations
APPROVED

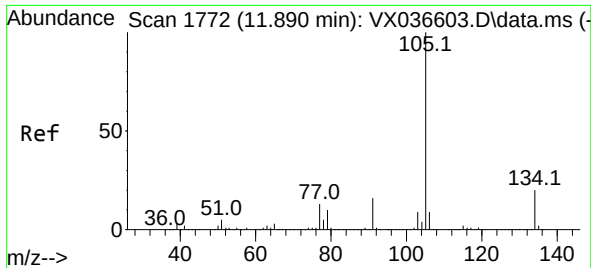
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.061 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

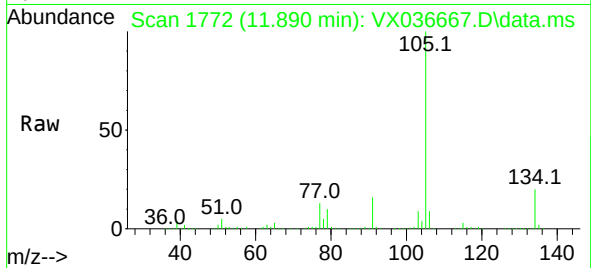
Tgt Ion:105 Resp: 381263
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.716 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036667.D
 Acq: 27 Jul 2023 11:17

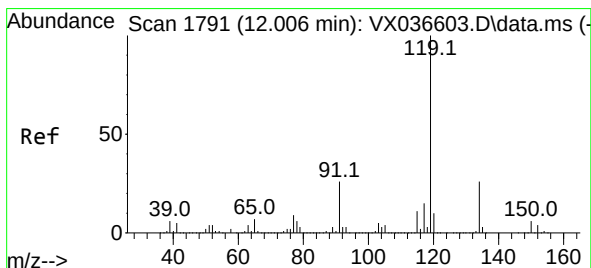
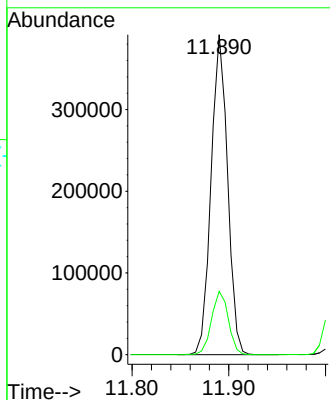
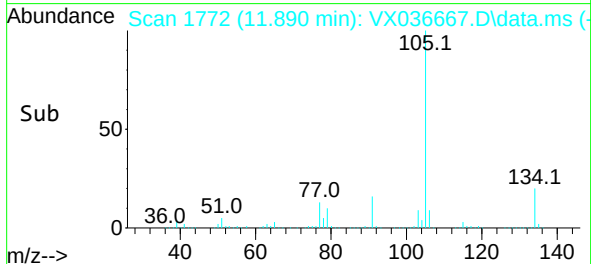
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



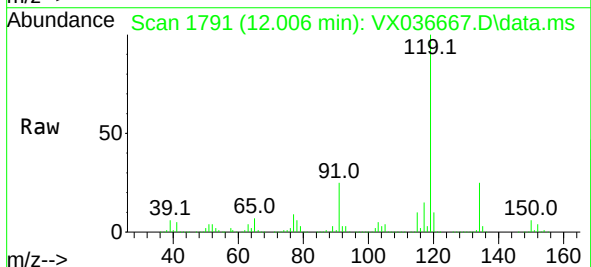
Tgt Ion:105 Resp: 463569
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
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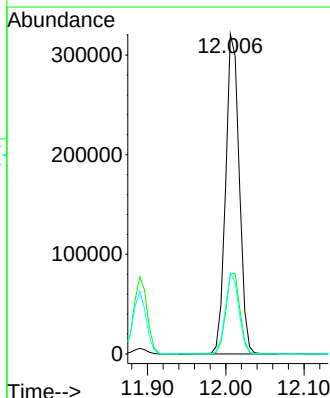
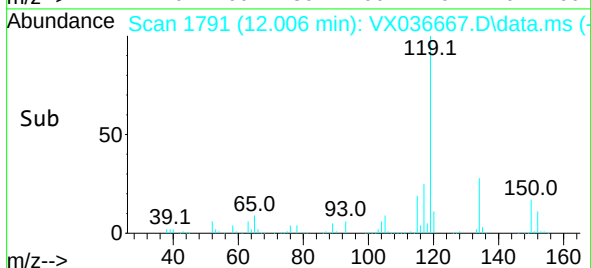
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

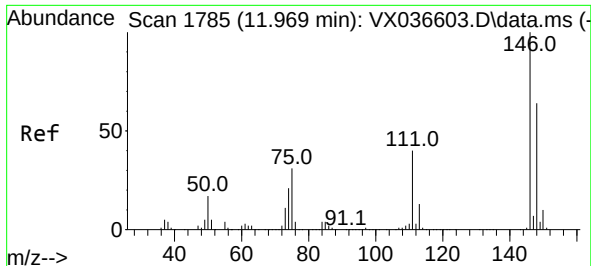


#86
 p-Isopropyltoluene
 Concen: 46.622 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036667.D
 Acq: 27 Jul 2023 11:17



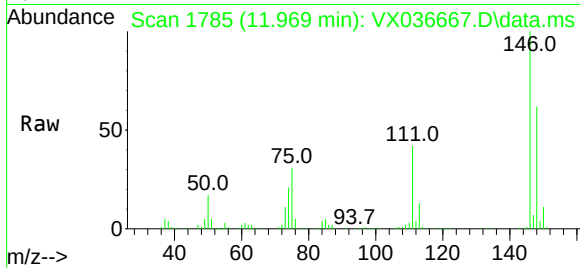
Tgt Ion:119 Resp: 389001
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.428 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

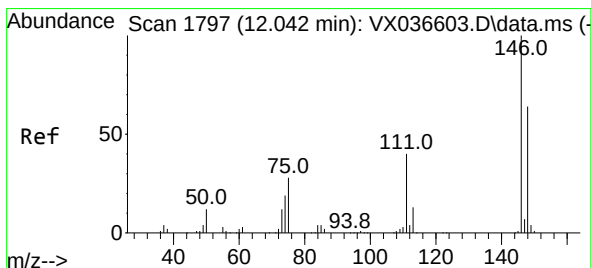
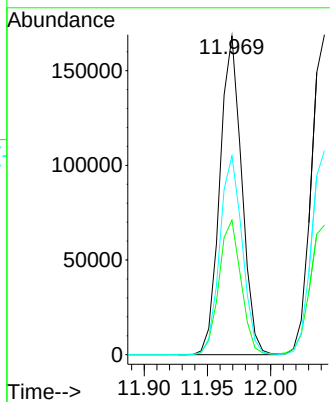
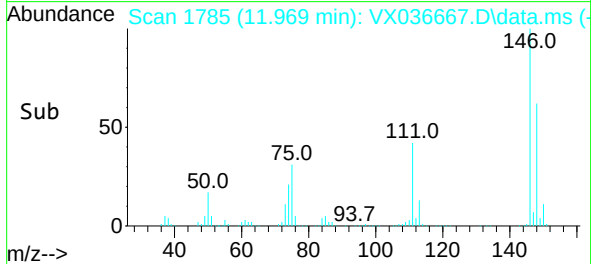
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



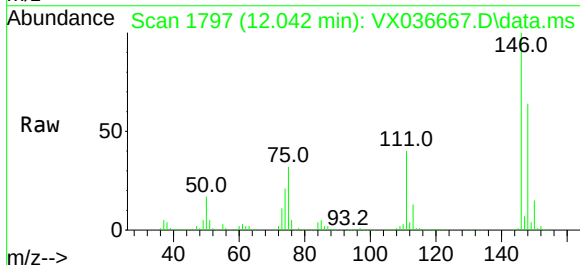
Tgt Ion:146 Resp: 202091
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.1
148 63.9 31.8 95.3

Manual Integrations
APPROVED

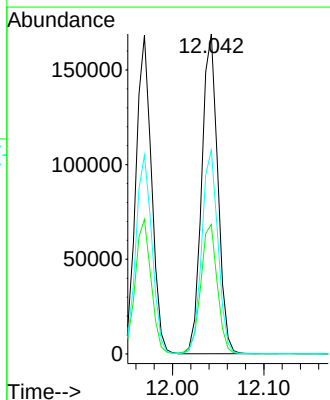
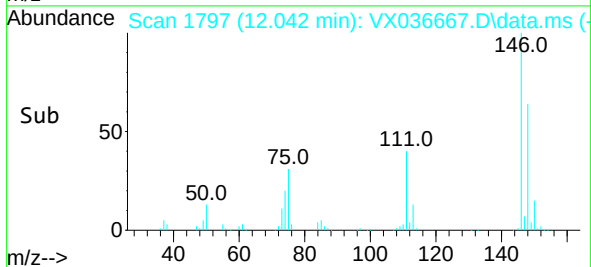
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

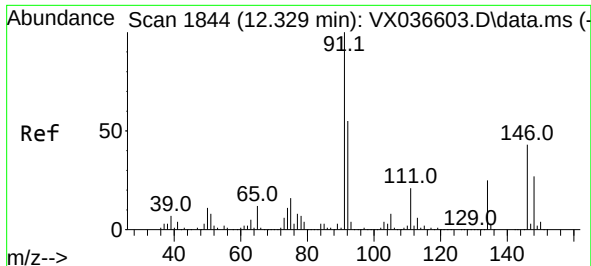


#88
1,4-Dichlorobenzene
Concen: 49.744 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



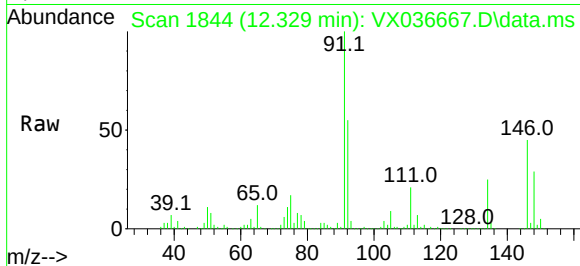
Tgt Ion:146 Resp: 206009
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 47.091 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

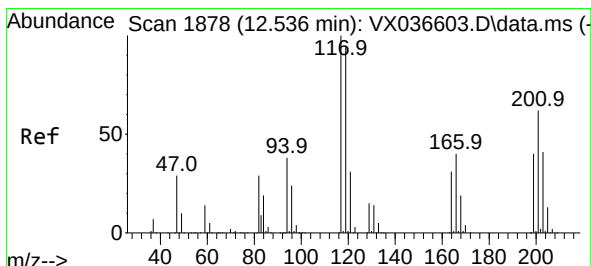
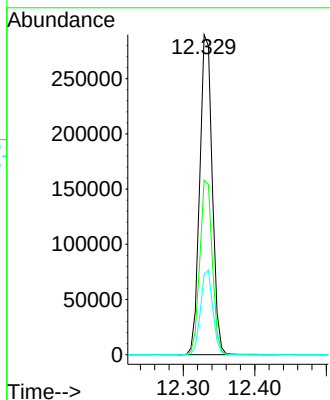
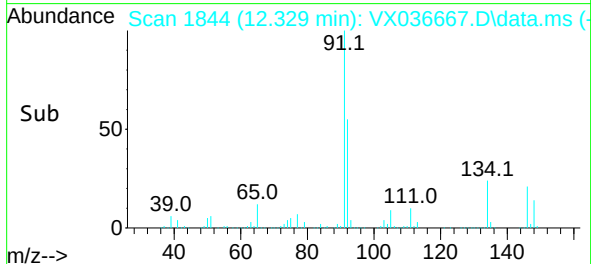
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 351728
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.9 12.6 37.8

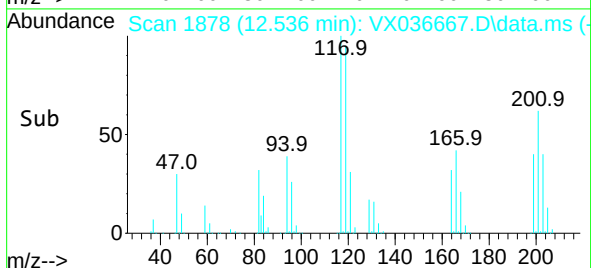
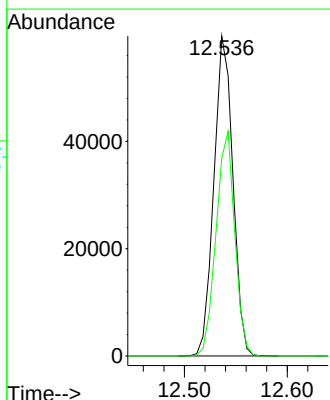
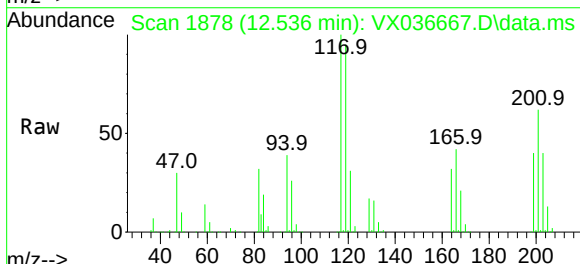
Manual Integrations
APPROVED

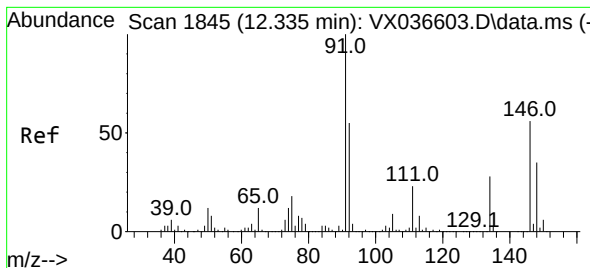
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#90
Hexachloroethane
Concen: 45.230 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

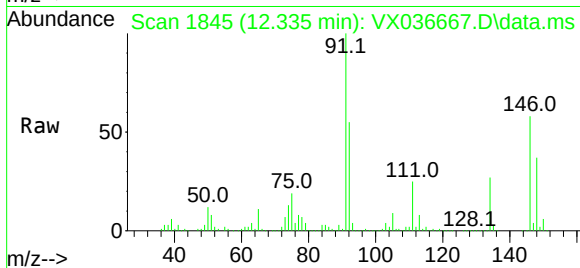
Tgt Ion:117 Resp: 76507
Ion Ratio Lower Upper
117 100
201 69.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.021 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

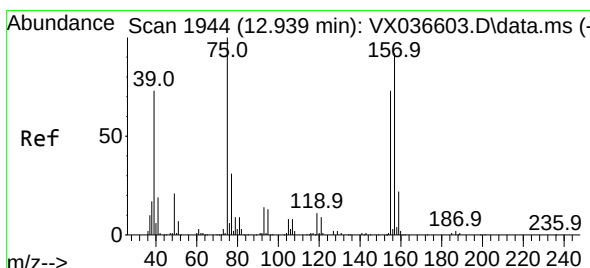
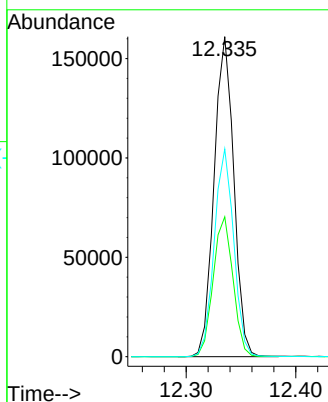
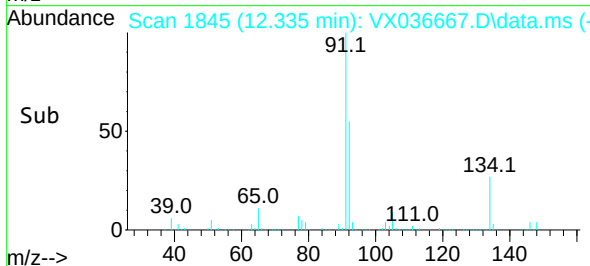
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



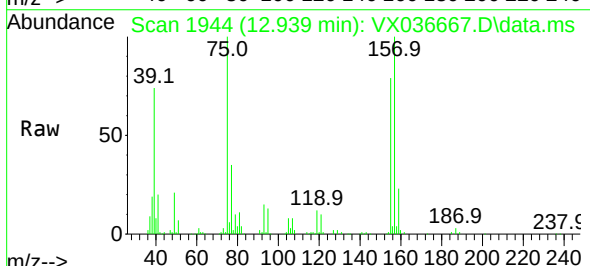
Tgt Ion:146 Resp: 20143
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

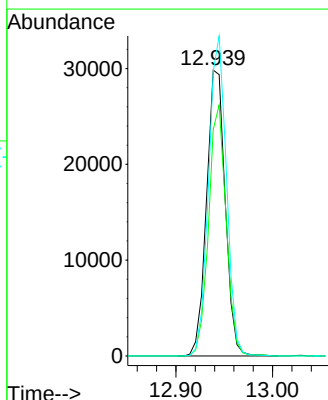
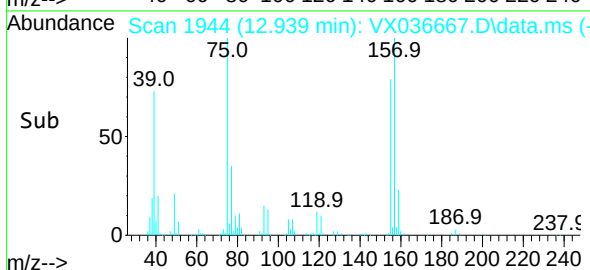
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

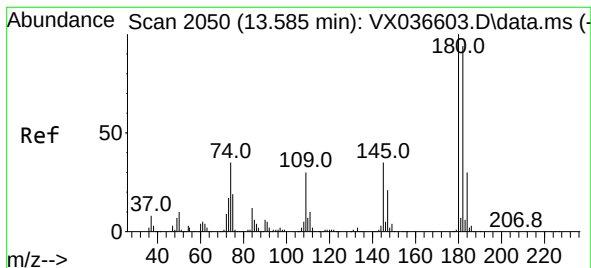


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.611 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion: 75 Resp: 40076
Ion Ratio Lower Upper
75 100
155 82.5 36.1 108.5
157 106.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.535 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 130340

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

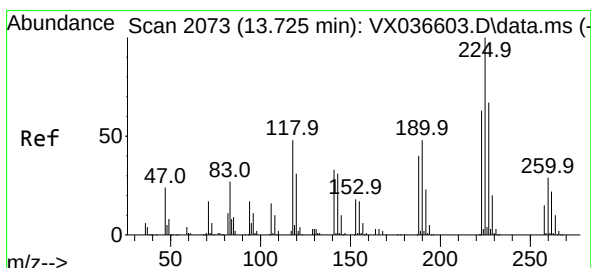
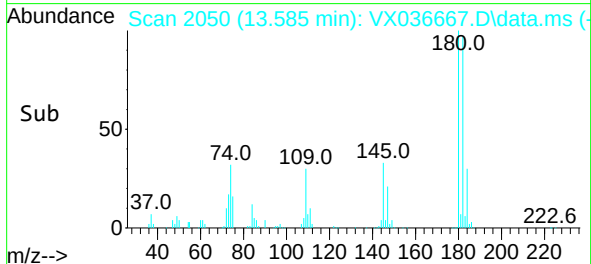
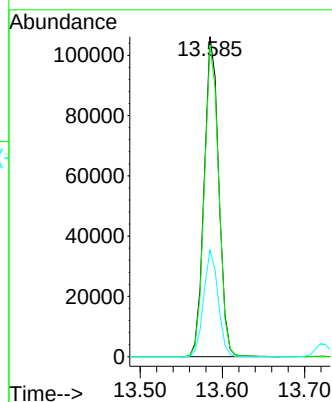
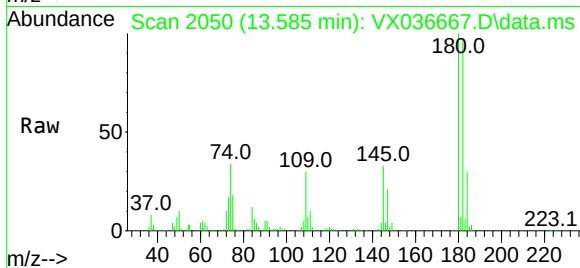
145 33.0 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#94

Hexachlorobutadiene

Concen: 48.958 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036667.D

Acq: 27 Jul 2023 11:17

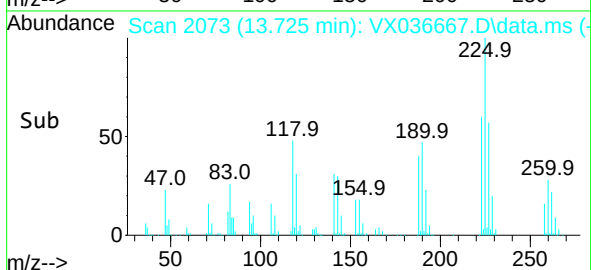
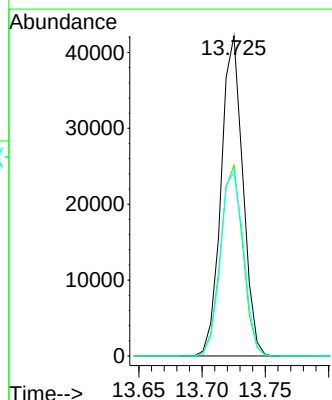
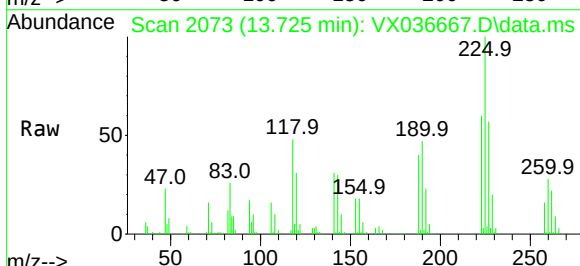
Tgt Ion:225 Resp: 50251

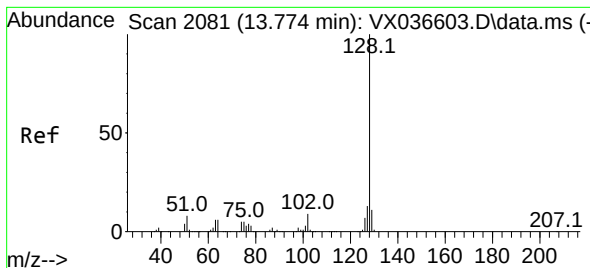
Ion Ratio Lower Upper

225 100

223 61.4 31.1 93.2

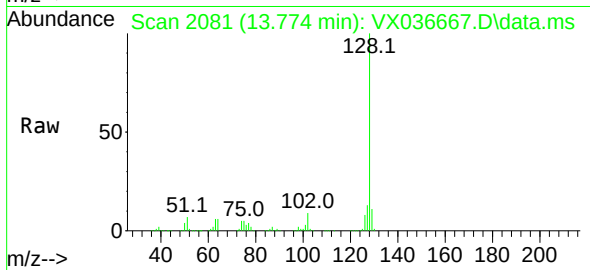
227 61.3 32.5 97.5





#95
Naphthalene
Concen: 53.803 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17

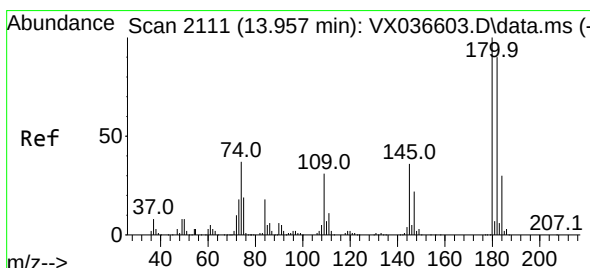
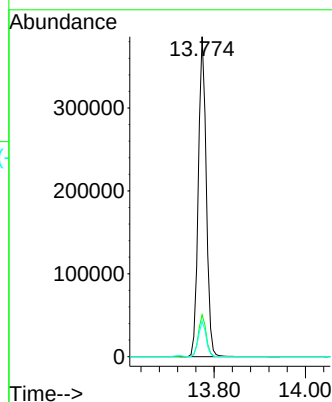
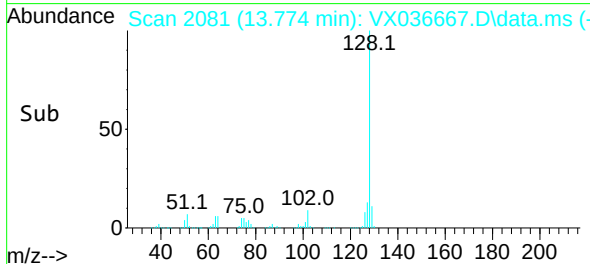
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



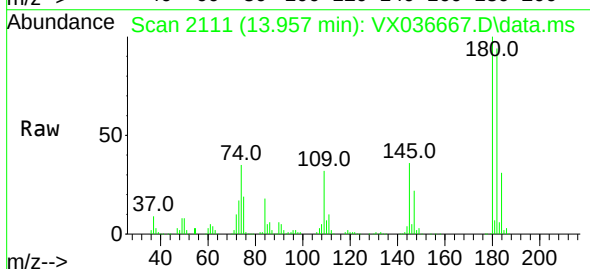
Tgt Ion:128 Resp: 46516
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.760 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX036667.D
Acq: 27 Jul 2023 11:17



Tgt Ion:180 Resp: 129013
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 34.7 17.8 53.5

