

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030936.D
 Acq On : 30 Aug 2022 13:07
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 30 14:13:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:20:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	192599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	329186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54936	19.577	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.160%#		
35) Dibromofluoromethane	5.391	113	47490	19.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.020%#		
50) Toluene-d8	8.653	98	178345	20.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.540%#		
62) 4-Bromofluorobenzene	11.085	95	63996	19.913	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.820%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39682	19.566	ug/l	97
3) Chloromethane	1.288	50	38538	18.691	ug/l	100
4) Vinyl Chloride	1.374	62	48198	19.506	ug/l	100
5) Bromomethane	1.599	94	17456	20.363	ug/l	95
6) Chloroethane	1.679	64	28105	18.925	ug/l	98
7) Trichlorofluoromethane	1.880	101	73922	20.026	ug/l	96
8) Diethyl Ether	2.136	74	29060	20.137	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	47854	20.322	ug/l	99
10) Methyl Iodide	2.447	142	34198	17.635	ug/l	94
11) Tert butyl alcohol	2.989	59	68704	110.484	ug/l	100
12) 1,1-Dichloroethene	2.313	96	47575	20.197	ug/l	95
13) Acrolein	2.239	56	32203	92.432	ug/l	99
14) Allyl chloride	2.666	41	77430	20.106	ug/l	99
15) Acrylonitrile	3.069	53	152506	106.202	ug/l	99
16) Acetone	2.386	43	121364	98.801	ug/l	99
17) Carbon Disulfide	2.508	76	119701	19.379	ug/l	97
18) Methyl Acetate	2.709	43	74714	20.263	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	159335	20.941	ug/l	94
20) Methylene Chloride	2.788	84	55831	19.881	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52038	20.572	ug/l	89
22) Diisopropyl ether	3.770	45	161402	20.363	ug/l #	85
23) Vinyl Acetate	3.727	43	659555	104.418	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94243	20.389	ug/l	99
25) 2-Butanone	4.568	43	204772	102.393	ug/l	93
26) 2,2-Dichloropropane	4.477	77	71009	20.850	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58666	20.249	ug/l	95
28) Bromochloromethane	4.904	49	29306	19.230	ug/l	92
29) Tetrahydrofuran	5.019	42	134000	102.049	ug/l	97
30) Chloroform	5.099	83	95953	20.081	ug/l	99
31) Cyclohexane	5.477	56	82189	20.119	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	82883	20.604	ug/l	97
36) 1,1-Dichloropropene	5.696	75	74020	20.956	ug/l	96
37) Ethyl Acetate	4.727	43	77972	20.582	ug/l	99
38) Carbon Tetrachloride	5.684	117	70578	20.929	ug/l	98
39) Methylcyclohexane	7.385	83	90566	21.001	ug/l	95
40) Benzene	6.044	78	211222	20.582	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42713	20.759	ug/l	98
42) 1,2-Dichloroethane	6.092	62	70762	20.517	ug/l	98
43) Isopropyl Acetate	6.348	43	120298	20.561	ug/l	97
44) Trichloroethene	7.129	130	59981	20.044	ug/l	99
45) 1,2-Dichloropropane	7.434	63	57436	21.020	ug/l	98
46) Dibromomethane	7.586	93	38000	20.452	ug/l	97
47) Bromodichloromethane	7.824	83	72778	20.361	ug/l	97
48) Methyl methacrylate	7.696	41	60918	21.405	ug/l	93
49) 1,4-Dioxane	7.671	88	33080	456.571	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	401695	105.834	ug/l	97
52) Toluene	8.720	92	135548	21.512	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77168	21.216	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	86328	21.053	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	55994	20.683	ug/l	97
56) Ethyl methacrylate	9.122	69	84519	21.285	ug/l	94
57) 1,3-Dichloropropane	9.311	76	93386	20.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213794	332.220	ug/l	99
59) 2-Hexanone	9.433	43	305621	107.477	ug/l	96
60) Dibromochloromethane	9.525	129	55576	20.444	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59336	21.207	ug/l	98
64) Tetrachloroethene	9.275	164	56372	20.089	ug/l	98
65) Chlorobenzene	10.079	112	143929	20.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51311	20.644	ug/l	99
67) Ethyl Benzene	10.195	91	261526	20.978	ug/l	97
68) m/p-Xylenes	10.305	106	199768	42.801	ug/l	98
69) o-Xylene	10.646	106	96628	21.067	ug/l	95
70) Styrene	10.659	104	162664	20.979	ug/l	99
71) Bromoform	10.799	173	39746	20.599	ug/l #	99
73) Isopropylbenzene	10.963	105	257785	20.945	ug/l	98
74) N-amyl acetate	10.848	43	97531	20.367	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	84809	20.542	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	77903m	19.808	ug/l	
77) Bromobenzene	11.201	156	61178	20.521	ug/l	98
78) n-propylbenzene	11.305	91	314693	22.124	ug/l	98
79) 2-Chlorotoluene	11.366	91	177449	19.954	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	216541	20.947	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	25387	19.988	ug/l	99
82) 4-Chlorotoluene	11.457	91	203115	20.281	ug/l	99
83) tert-Butylbenzene	11.719	119	216544	21.413	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	230560	21.910	ug/l	99
85) sec-Butylbenzene	11.890	105	287822	21.997	ug/l	97
86) p-Isopropyltoluene	12.012	119	233353	21.066	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120297	20.554	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	120924	20.268	ug/l	97
89) n-Butylbenzene	12.335	91	217815	21.067	ug/l	99
90) Hexachloroethane	12.542	117	38826	20.144	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	124580	21.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22650	21.639	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	78280	20.858	ug/l	99
94) Hexachlorobutadiene	13.725	225	32213	20.071	ug/l	96
95) Naphthalene	13.780	128	298416	22.069	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	82263	21.434	ug/l	98

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VSTDICC020

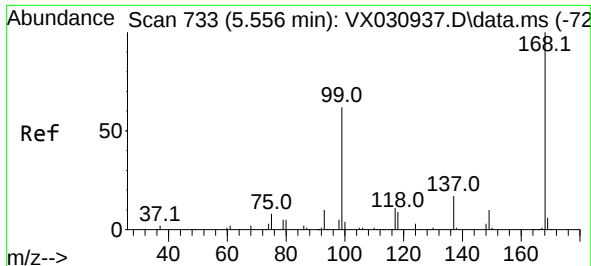
Manual Integrations
APPROVED

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Quant Time: Aug 30 14:13:51 2022
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Quant Title : SW846 8260
QLast Update : Tue Aug 30 12:20:21 2022
Response via : Initial Calibration

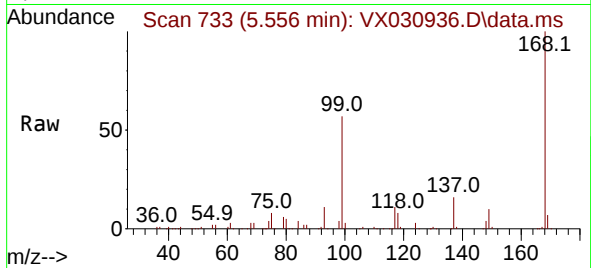
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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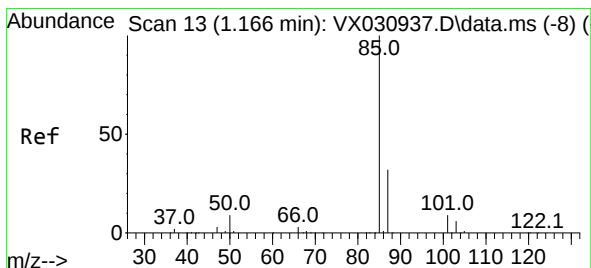
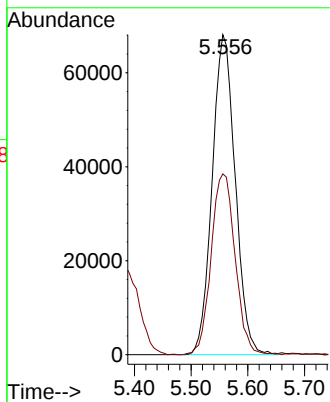
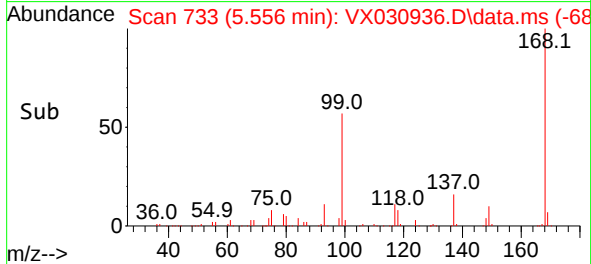
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 192599
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0

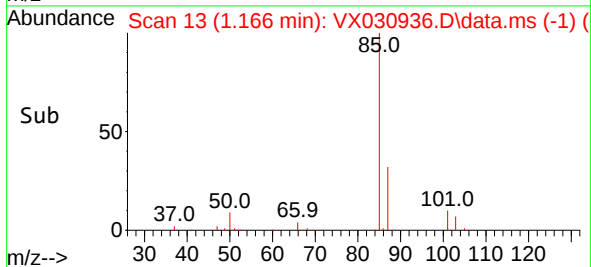
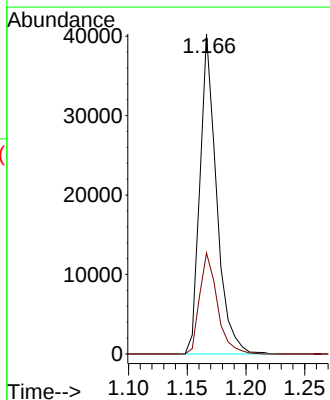
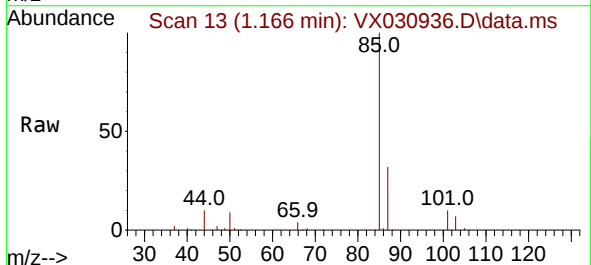
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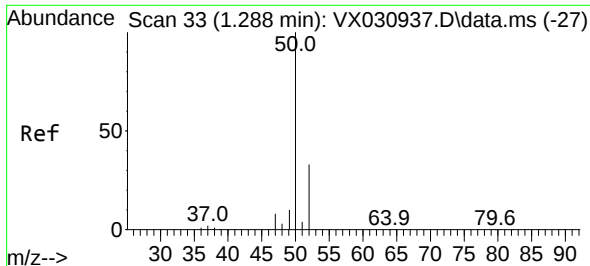
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#2
Dichlorodifluoromethane
Concen: 19.566 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

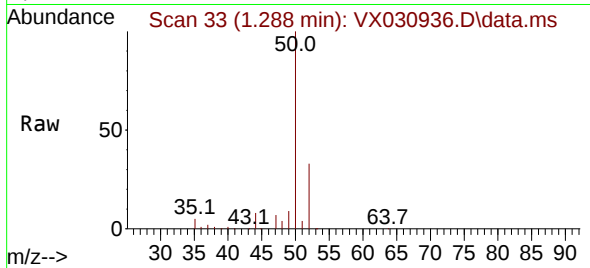
Tgt Ion: 85 Resp: 39682
Ion Ratio Lower Upper
85 100
87 31.6 16.5 49.5





#3
Chloromethane
Concen: 18.691 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

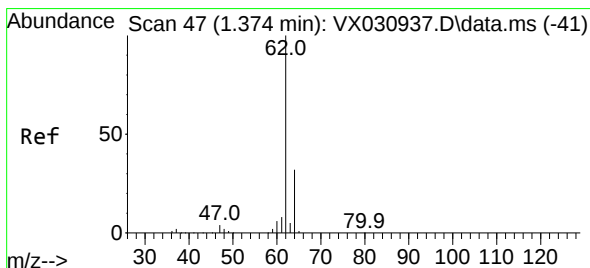
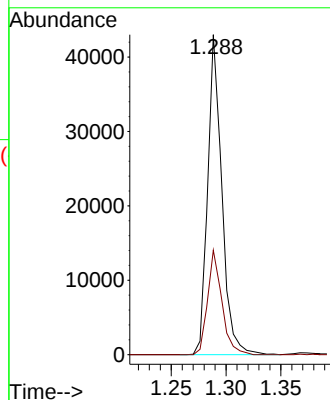
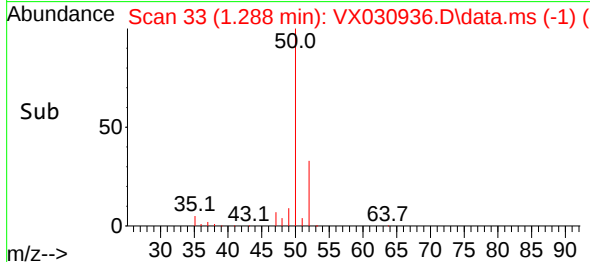
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Tgt Ion: 50 Resp: 38538
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

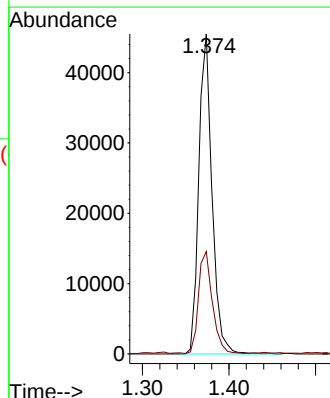
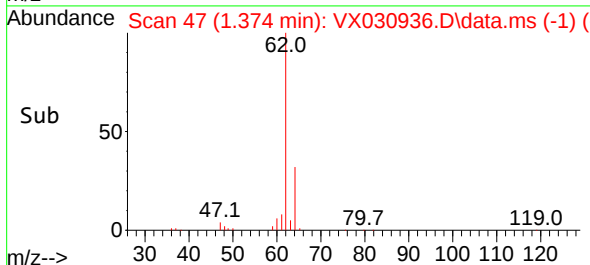
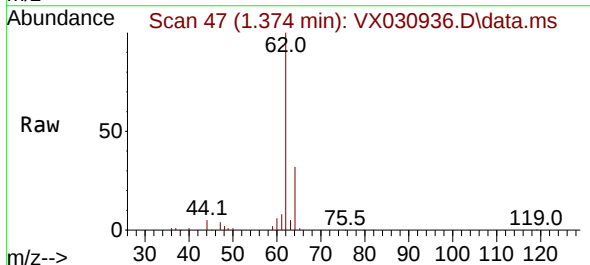
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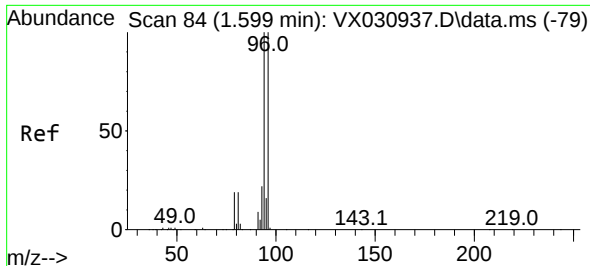
Reviewed By :John Carlone 08/31/2022
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#4
Vinyl Chloride
Concen: 19.506 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

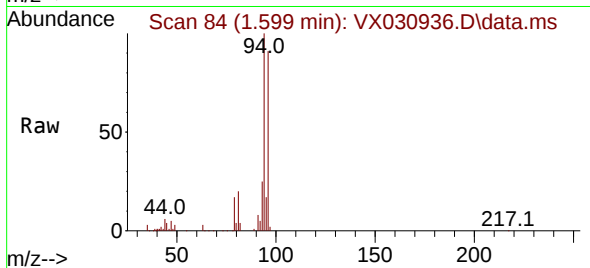
Tgt Ion: 62 Resp: 48198
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 20.363 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

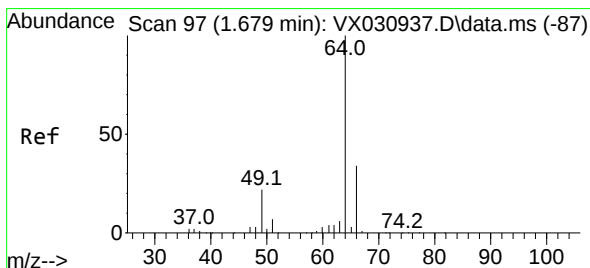
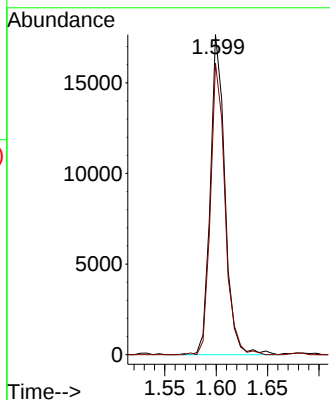
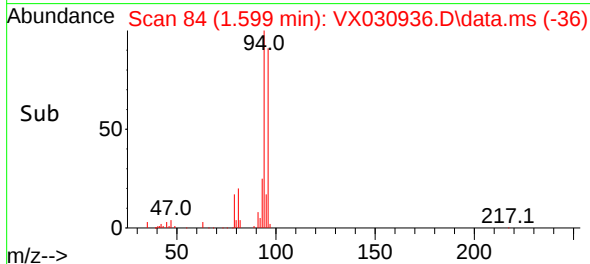
Instrument :
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Tgt Ion: 94 Resp: 17456
Ion Ratio Lower Upper
94 100
96 91.1 76.9 115.3

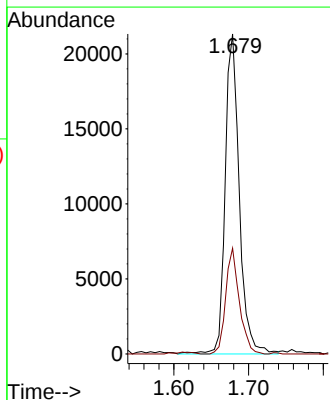
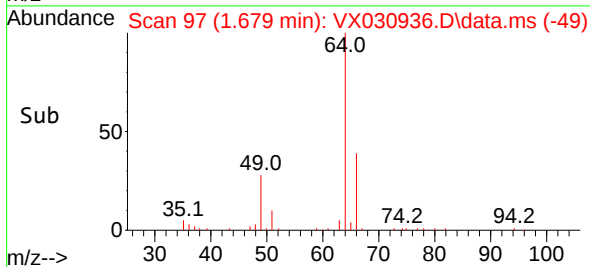
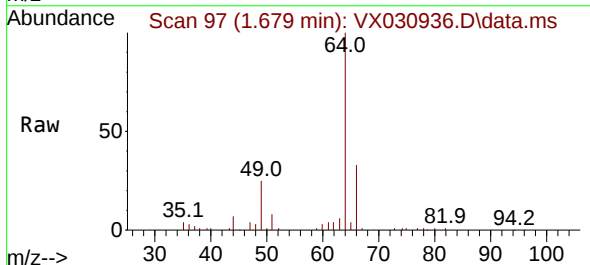
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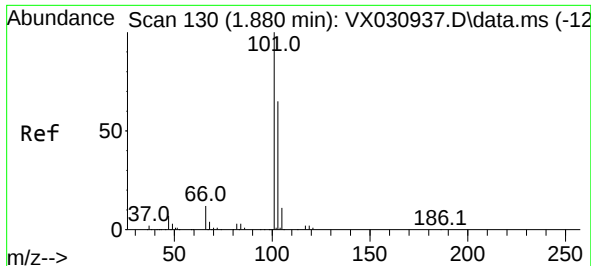
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#6
Chloroethane
Concen: 18.925 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 64 Resp: 28105
Ion Ratio Lower Upper
64 100
66 32.8 27.2 40.8





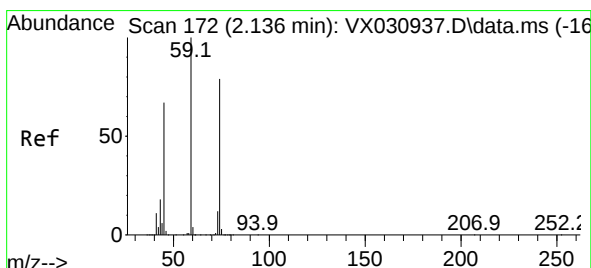
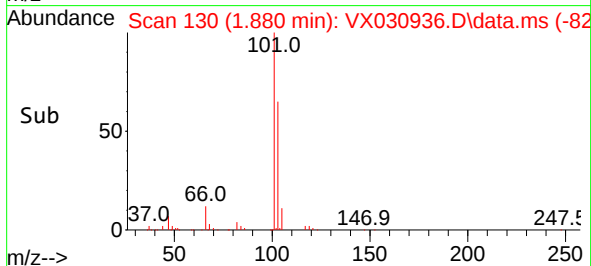
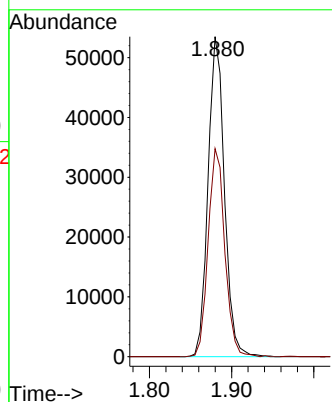
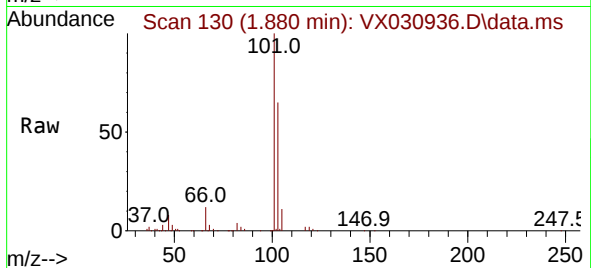
#7
 Trichlorofluoromethane
 Concen: 20.026 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030936.D
 Acq: 30 Aug 2022 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 7392
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.7 74.5

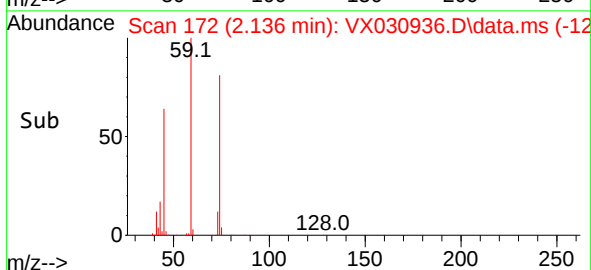
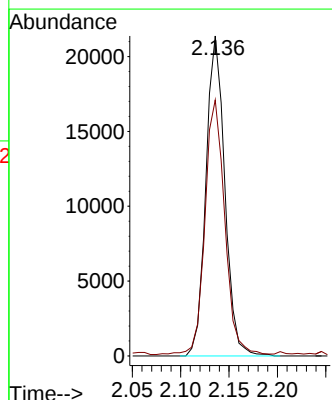
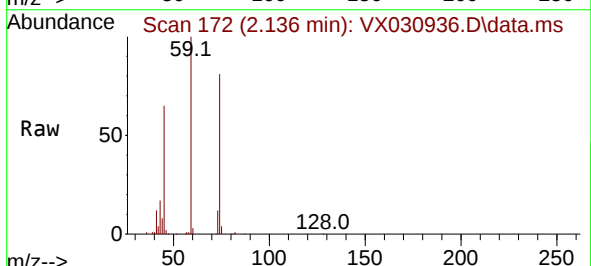
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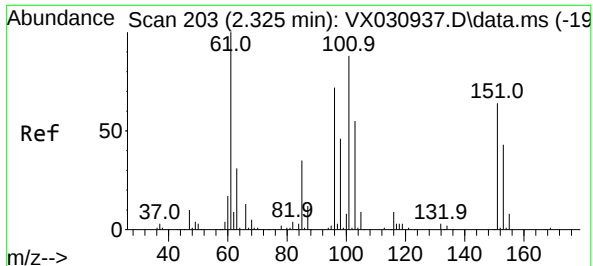
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022



#8
 Diethyl Ether
 Concen: 20.137 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030936.D
 Acq: 30 Aug 2022 13:07

Tgt Ion: 74 Resp: 29060
 Ion Ratio Lower Upper
 74 100
 45 83.2 51.5 154.7





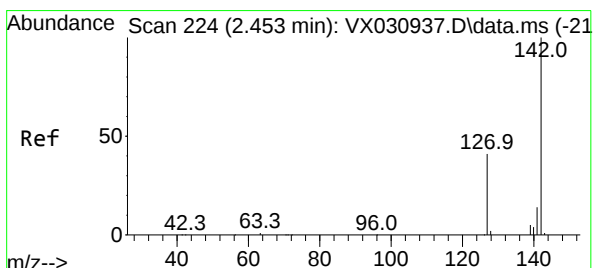
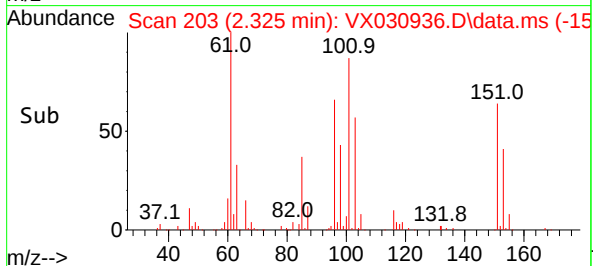
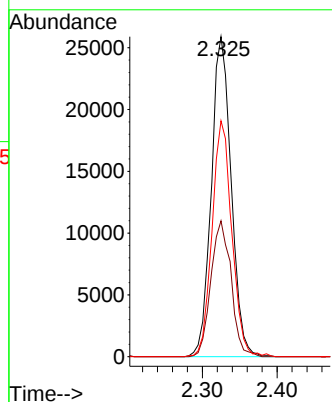
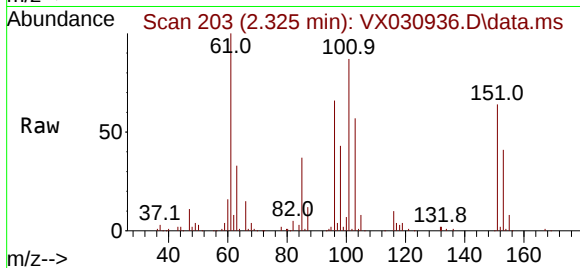
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.322 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 47854
Ion Ratio Lower Upper
101 100
85 43.0 34.0 51.0
151 73.3 59.4 89.0

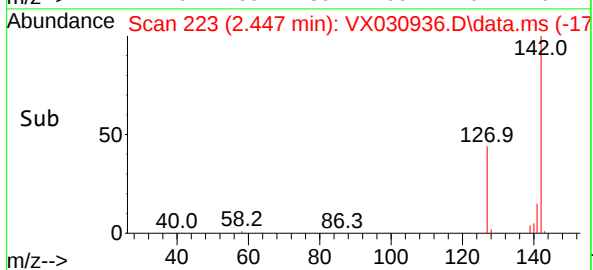
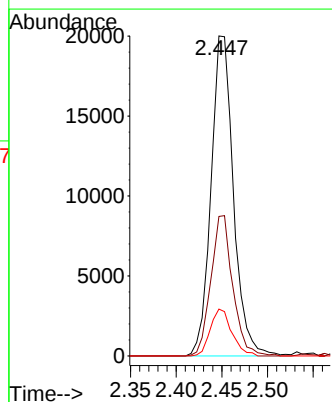
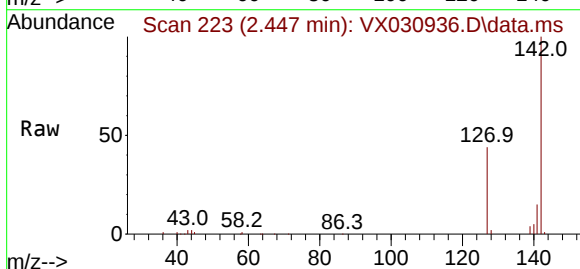
Manual Integrations
APPROVED

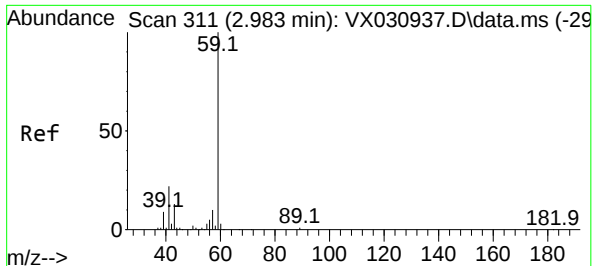
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#10
Methyl Iodide
Concen: 17.635 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

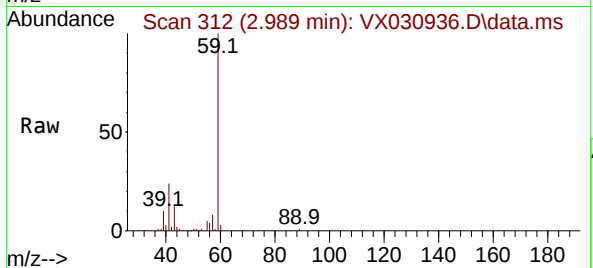
Tgt Ion:142 Resp: 34198
Ion Ratio Lower Upper
142 100
127 42.9 30.2 45.2
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 110.484 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

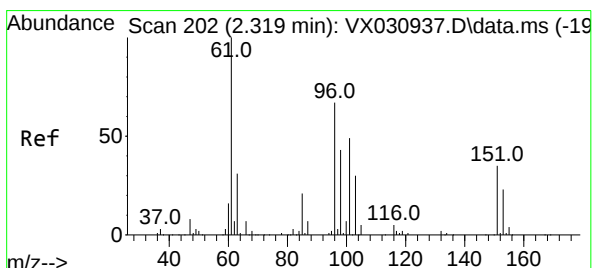
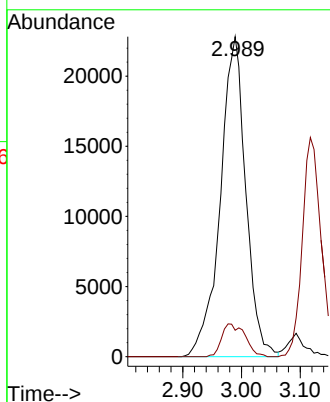
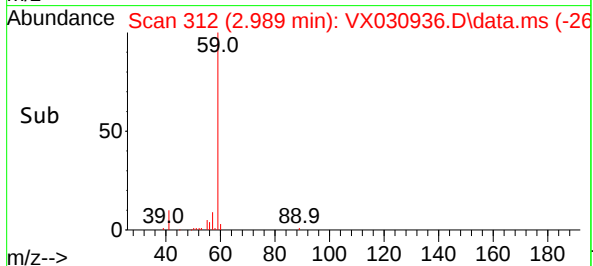
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 68704
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2

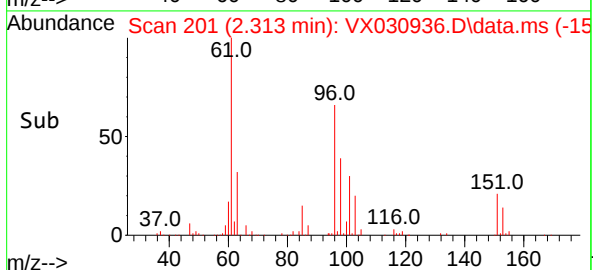
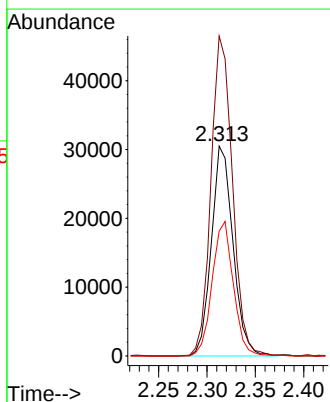
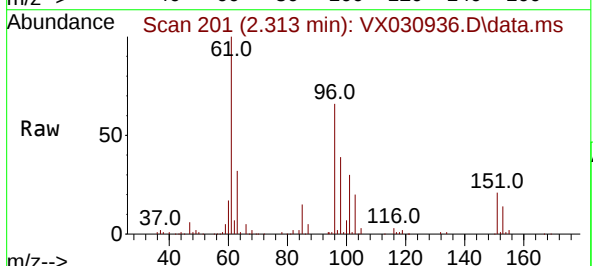
Manual Integrations
APPROVED

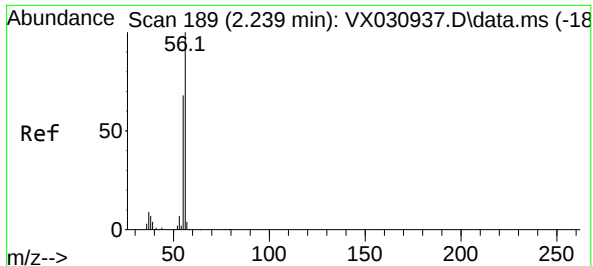
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#12
1,1-Dichloroethene
Concen: 20.197 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

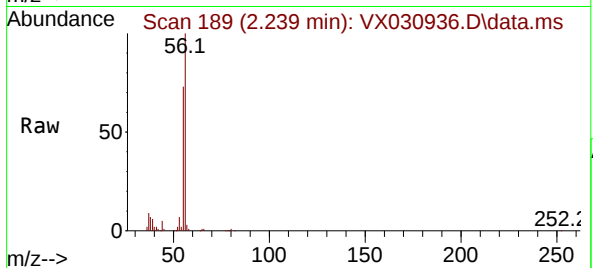
Tgt Ion: 96 Resp: 47575
Ion Ratio Lower Upper
96 100
61 152.4 117.4 176.0
98 59.5 52.2 78.4





#13
Acrolein
Concen: 92.432 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

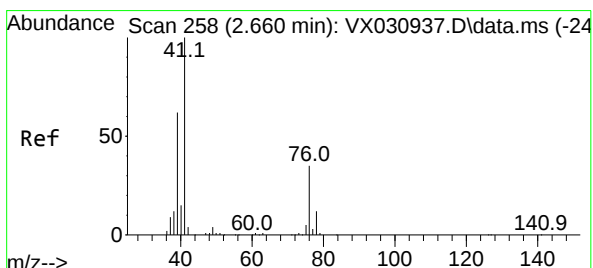
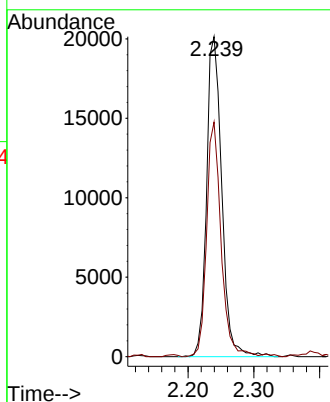
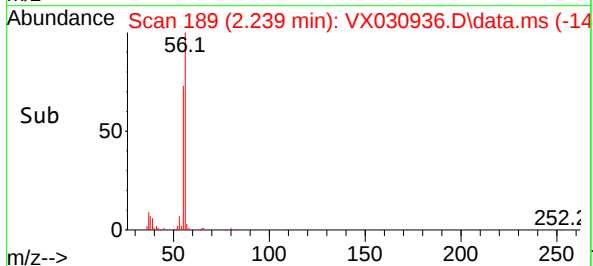
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



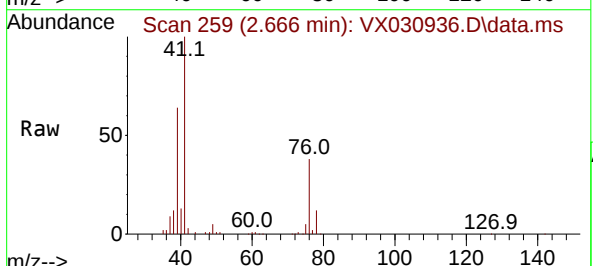
Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
55 70.1 56.6 84.8

Manual Integrations
APPROVED

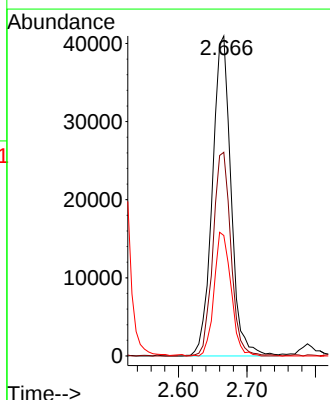
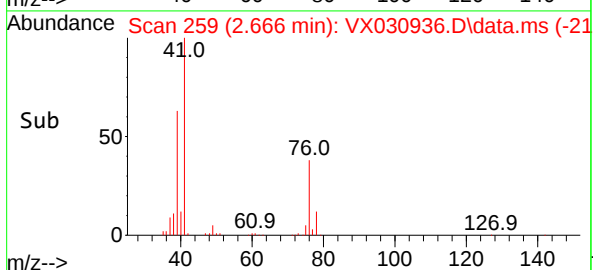
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

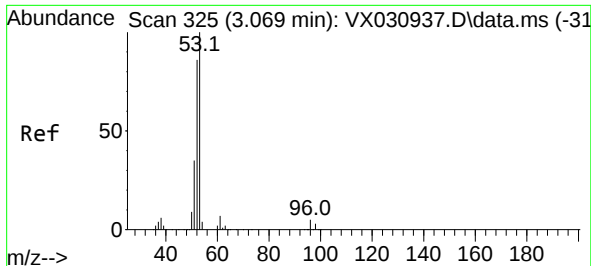


#14
Allyl chloride
Concen: 20.106 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



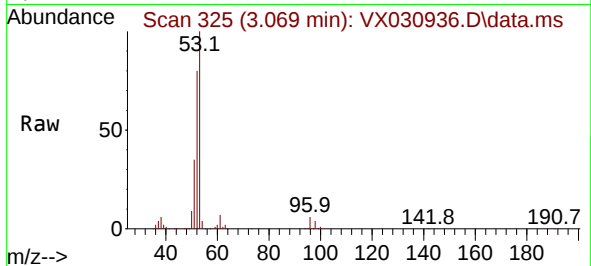
Tgt Ion: 41 Resp: 77430
Ion Ratio Lower Upper
41 100
39 61.1 48.9 73.3
76 34.9 26.9 40.3





#15
Acrylonitrile
Concen: 106.202 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

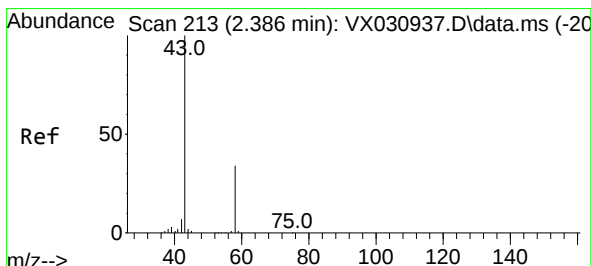
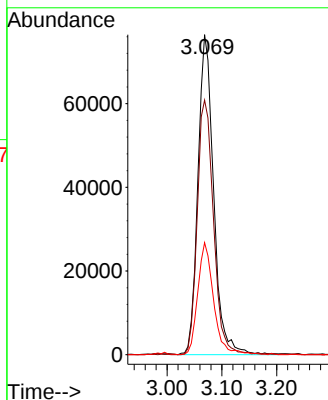
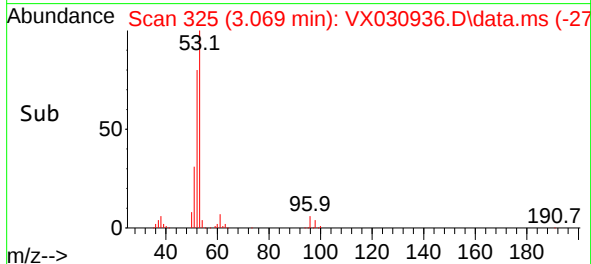
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



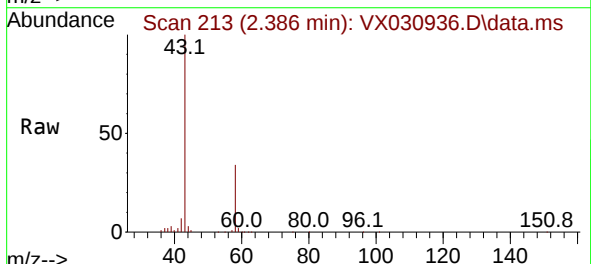
Tgt Ion: 53 Resp: 152500
Ion Ratio Lower Upper
53 100
52 82.6 65.4 98.0
51 35.4 27.7 41.5

Manual Integrations
APPROVED

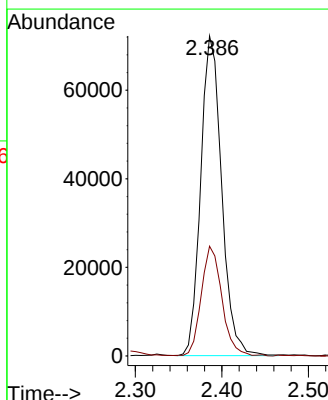
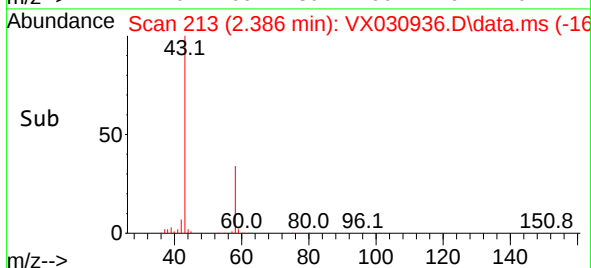
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

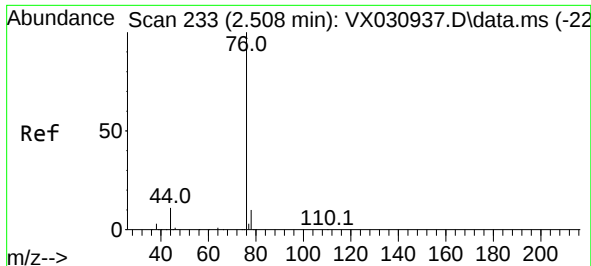


#16
Acetone
Concen: 98.801 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



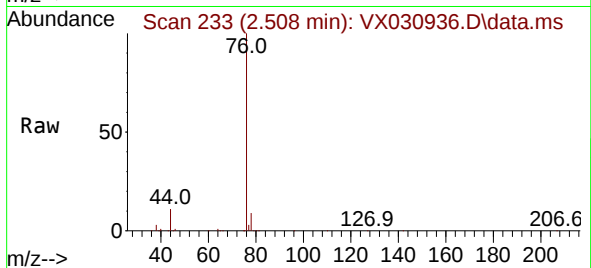
Tgt Ion: 43 Resp: 121364
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5





#17
Carbon Disulfide
Concen: 19.379 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

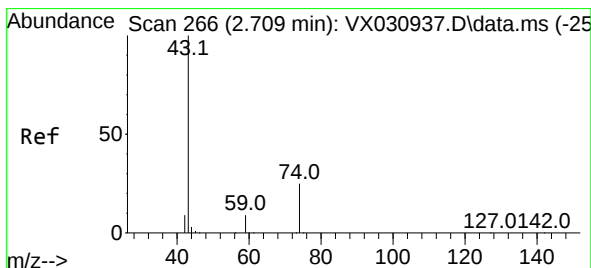
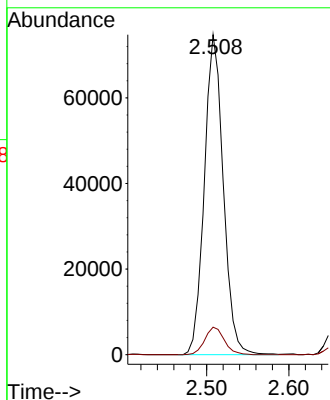
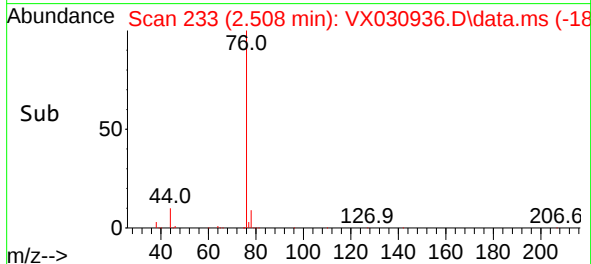
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 11970
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.6

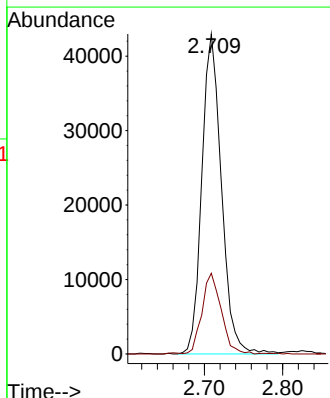
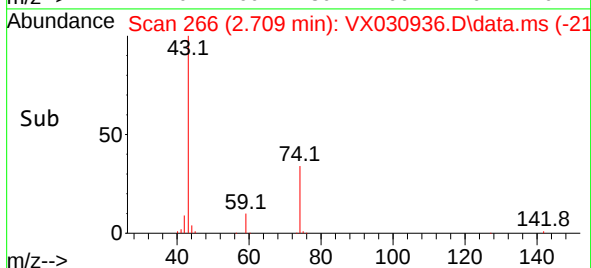
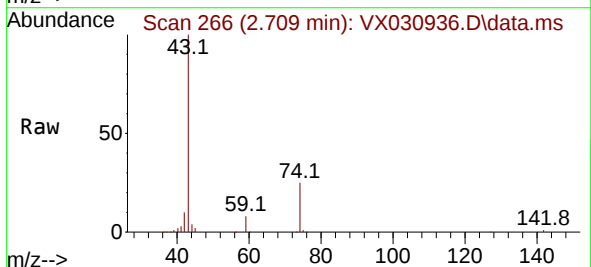
Manual Integrations
APPROVED

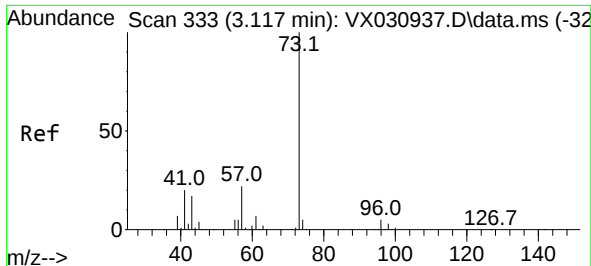
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#18
Methyl Acetate
Concen: 20.263 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

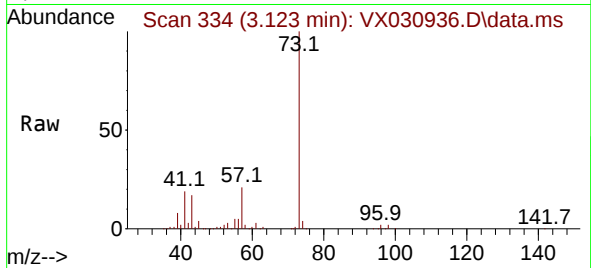
Tgt Ion: 43 Resp: 74714
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.941 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

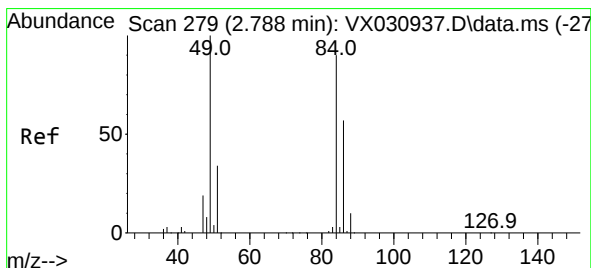
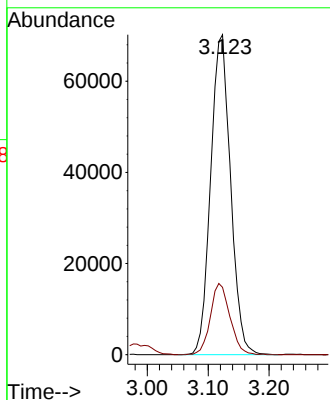
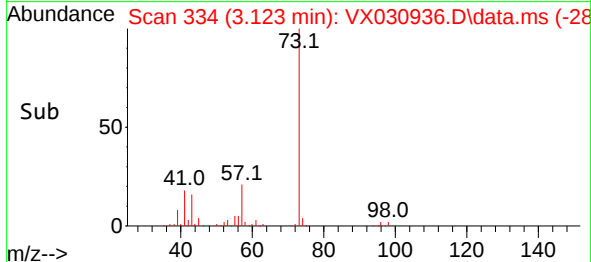
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 15933
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6

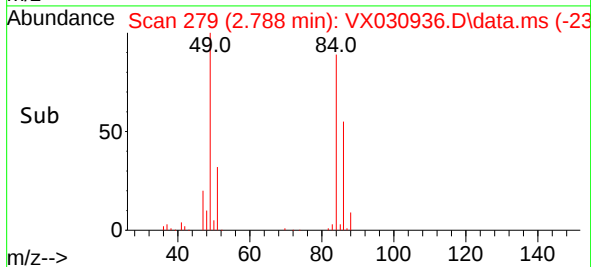
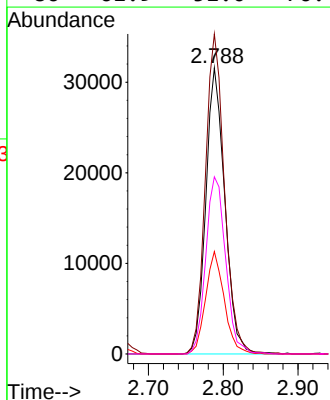
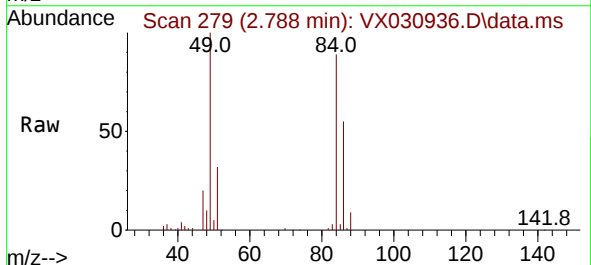
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#20
Methylene Chloride
Concen: 19.881 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

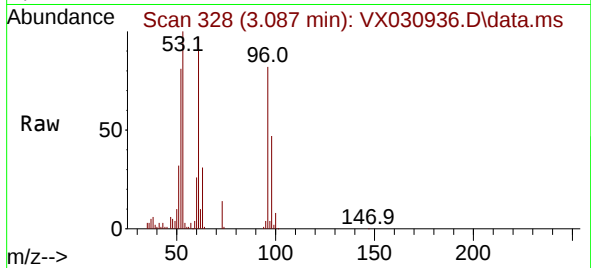
Tgt Ion: 84 Resp: 55831
Ion Ratio Lower Upper
84 100
49 111.9 93.8 140.6
51 35.8 29.4 44.0
86 61.9 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 20.572 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

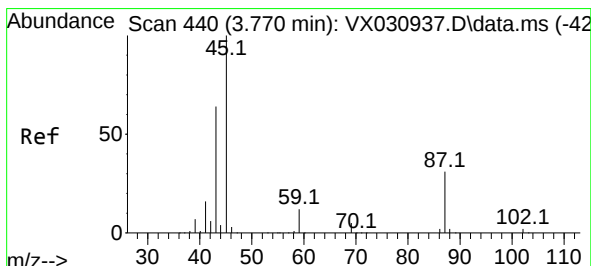
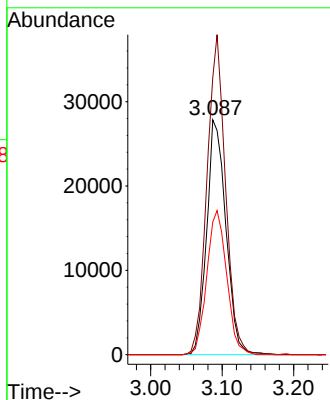
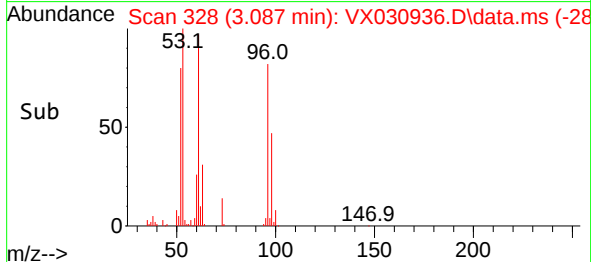
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 52038
Ion Ratio Lower Upper
96 100
61 117.8 105.6 158.4
98 56.5 50.1 75.1

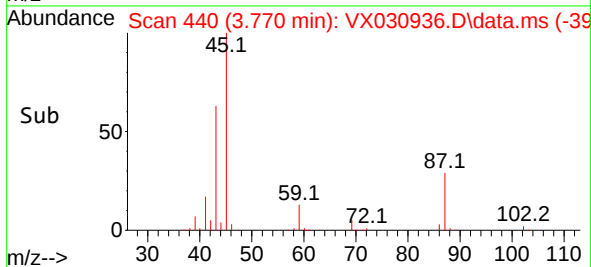
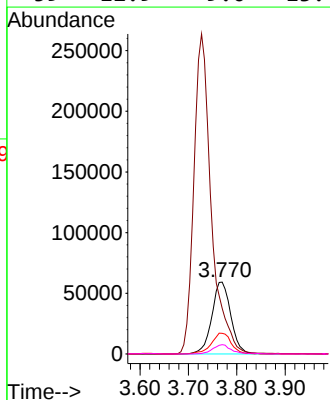
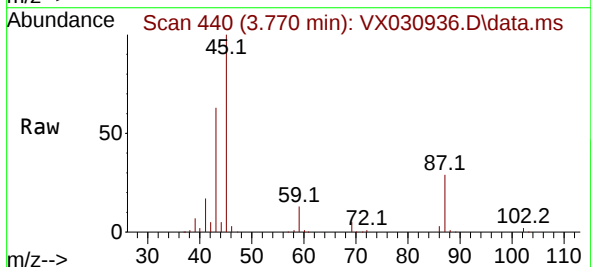
Manual Integrations
APPROVED

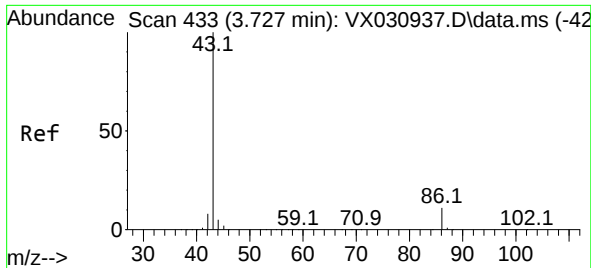
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#22
Diisopropyl ether
Concen: 20.363 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 45 Resp: 161402
Ion Ratio Lower Upper
45 100
43 62.9 65.4 98.0#
87 28.9 22.3 33.5
59 12.9 9.0 13.4





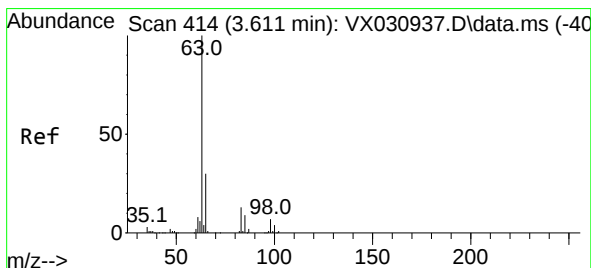
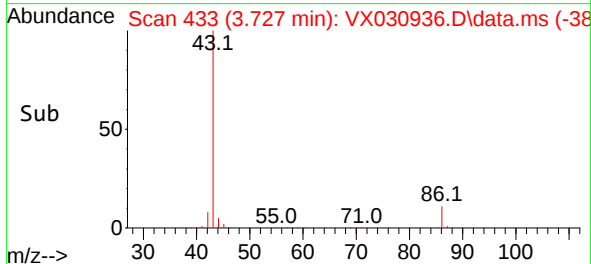
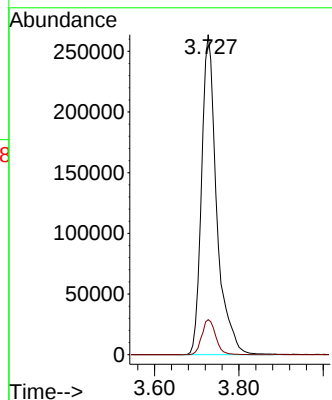
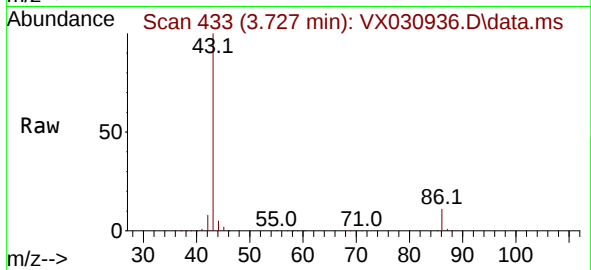
#23
 Vinyl Acetate
 Concen: 104.418 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX030936.D
 Acq: 30 Aug 2022 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 65955
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7

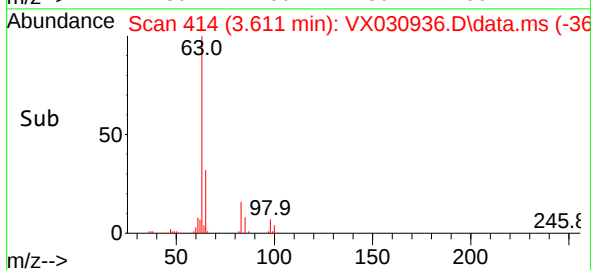
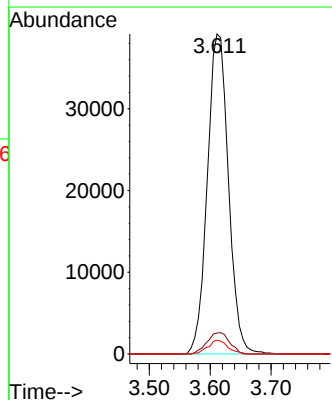
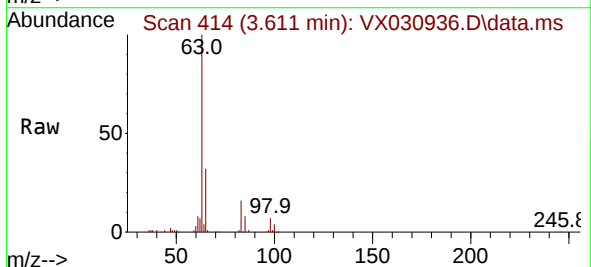
Manual Integrations
 APPROVED

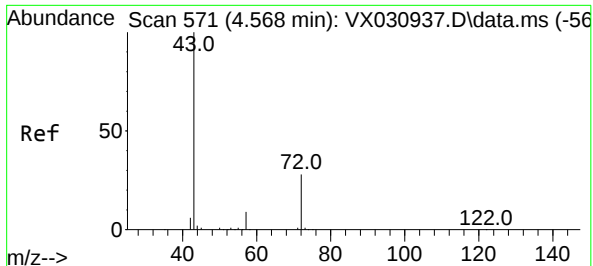
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022



#24
 1,1-Dichloroethane
 Concen: 20.389 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030936.D
 Acq: 30 Aug 2022 13:07

Tgt Ion: 63 Resp: 94243
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.3 2.3 6.9





#25

2-Butanone

Concen: 102.393 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 204772

Ion Ratio Lower Upper

43 100

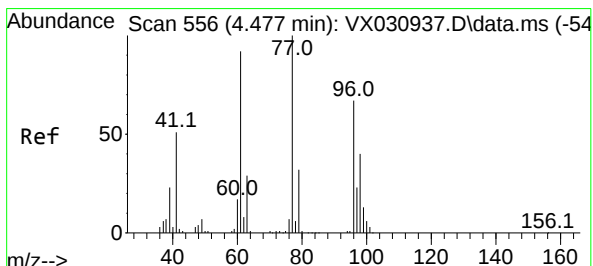
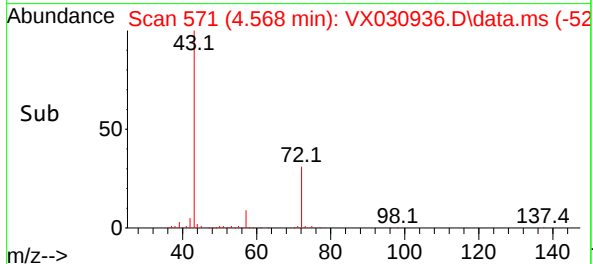
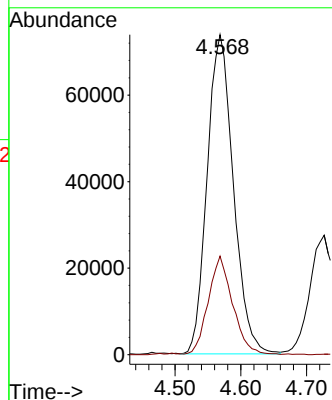
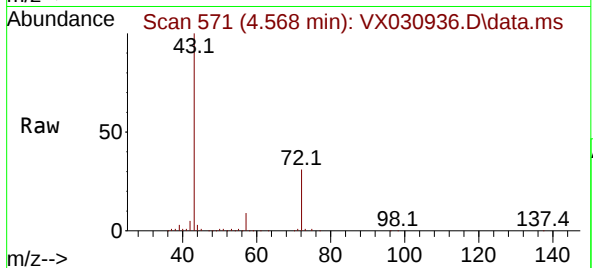
72 30.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#26

2,2-Dichloropropane

Concen: 20.850 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX030936.D

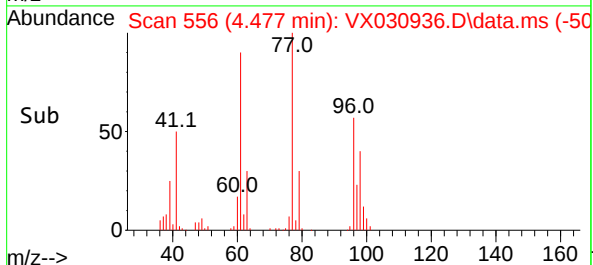
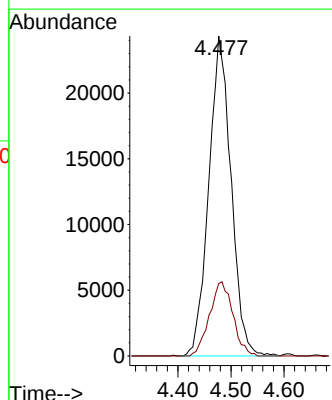
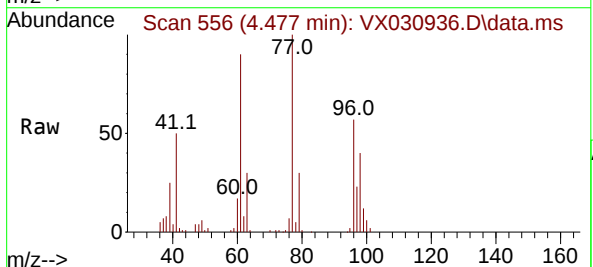
Acq: 30 Aug 2022 13:07

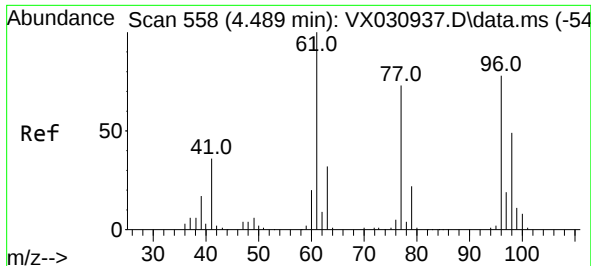
Tgt Ion: 77 Resp: 71009

Ion Ratio Lower Upper

77 100

97 24.3 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 20.249 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 5866

Ion Ratio Lower Upper

96 100

61 143.5 0.0 270.0

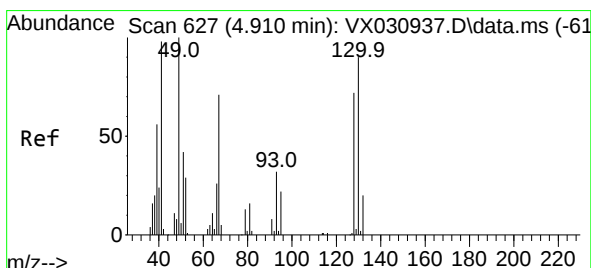
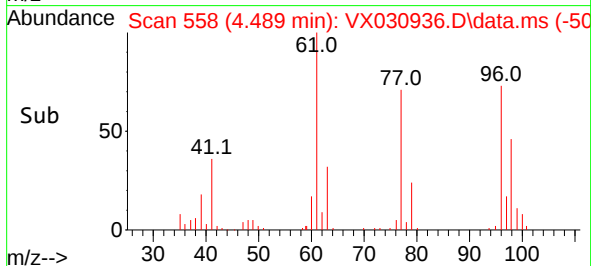
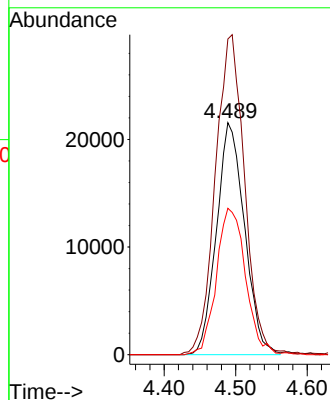
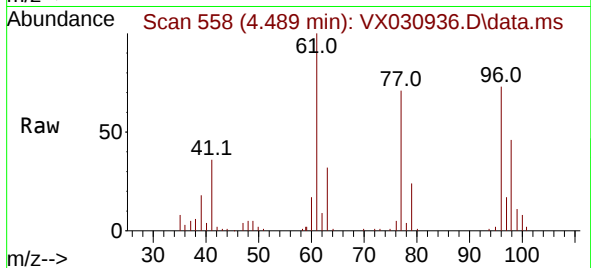
98 65.4 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#28

Bromochloromethane

Concen: 19.230 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

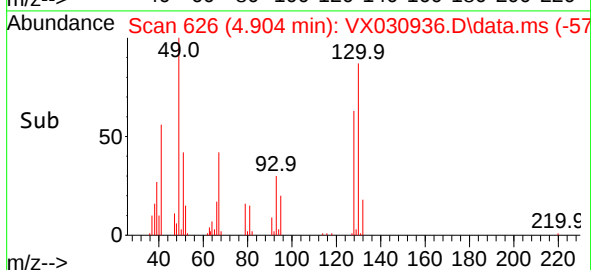
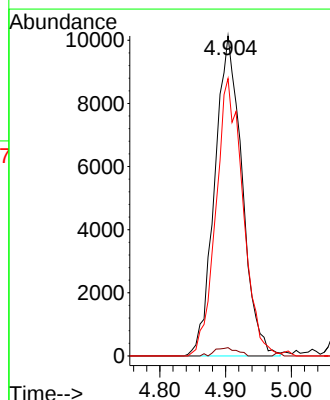
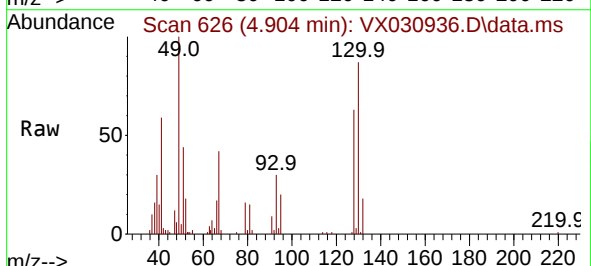
Tgt Ion: 49 Resp: 29306

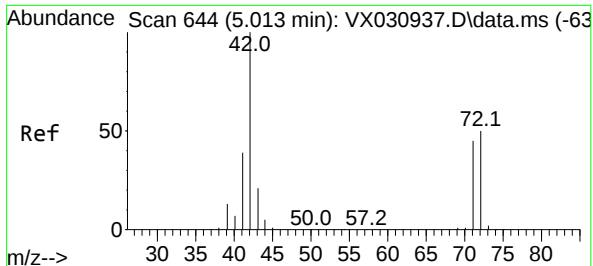
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 85.7 62.8 94.2





#29

Tetrahydrofuran

Concen: 102.049 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 134000

Ion Ratio Lower Upper

42 100

72 47.6 36.5 54.7

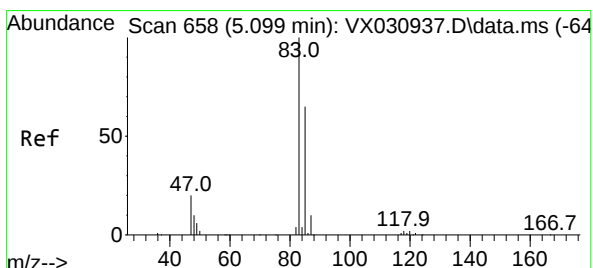
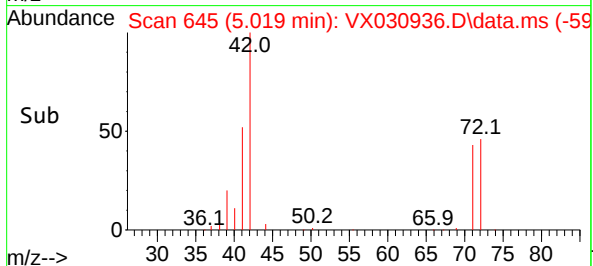
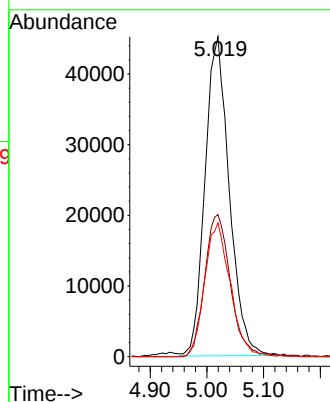
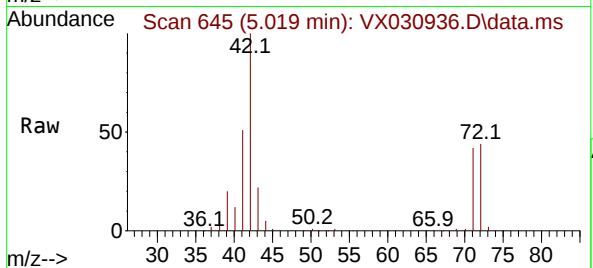
71 44.2 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#30

Chloroform

Concen: 20.081 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX030936.D

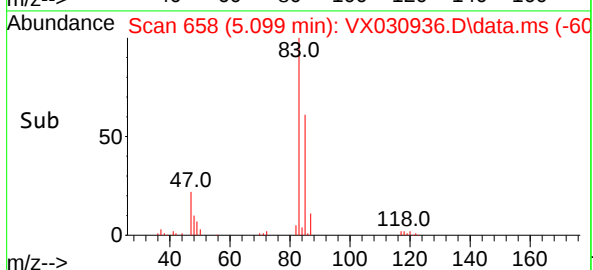
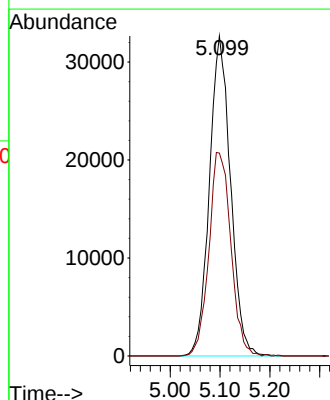
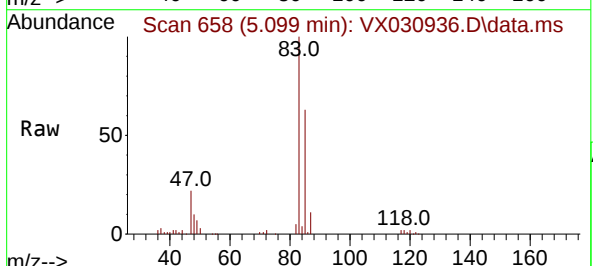
Acq: 30 Aug 2022 13:07

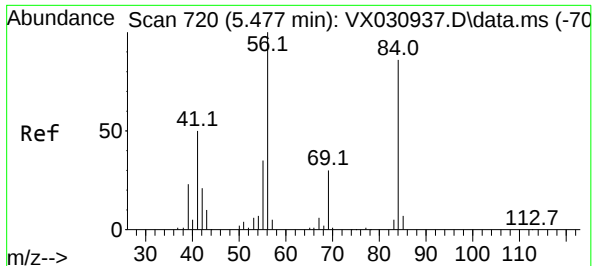
Tgt Ion: 83 Resp: 95953

Ion Ratio Lower Upper

83 100

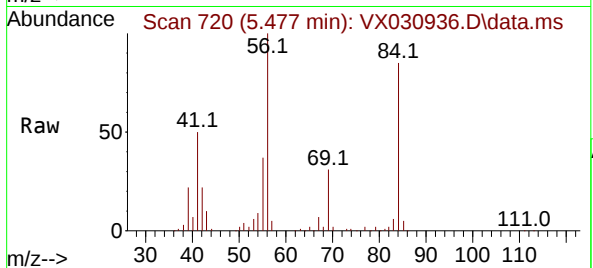
85 63.4 51.5 77.3





#31
Cyclohexane
Concen: 20.119 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

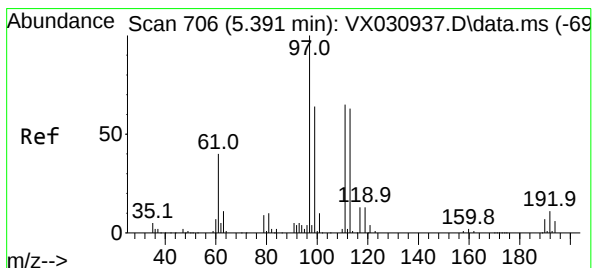
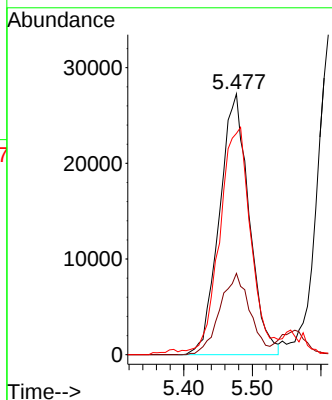
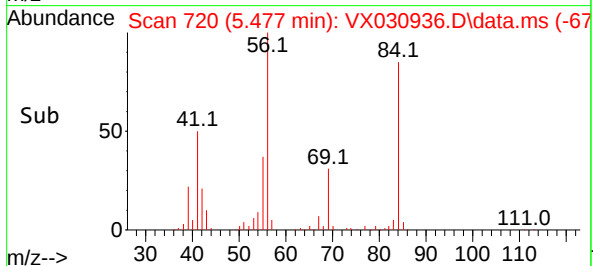
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 82189
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.0
84 83.7 68.9 103.3

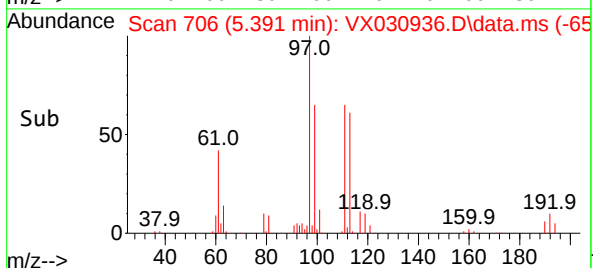
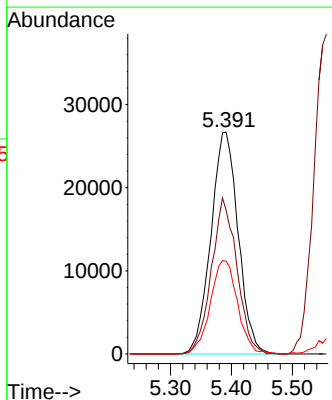
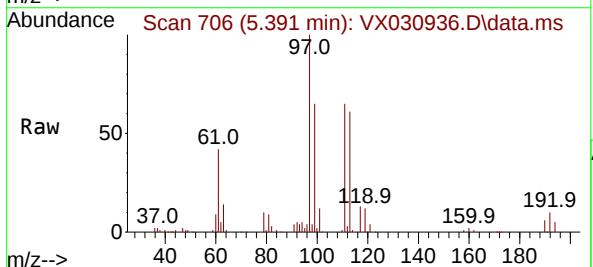
Manual Integrations
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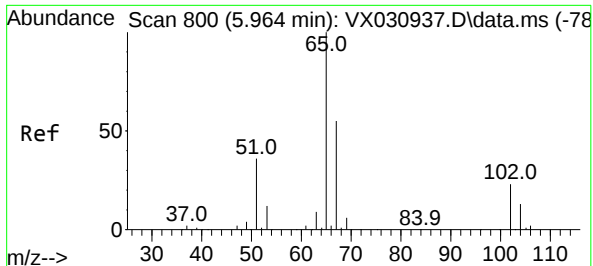
Reviewed By :John Carbone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#32
1,1,1-Trichloroethane
Concen: 20.604 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 97 Resp: 82883
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.0
61 42.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 19.577 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 54936

Ion Ratio Lower Upper

65 100

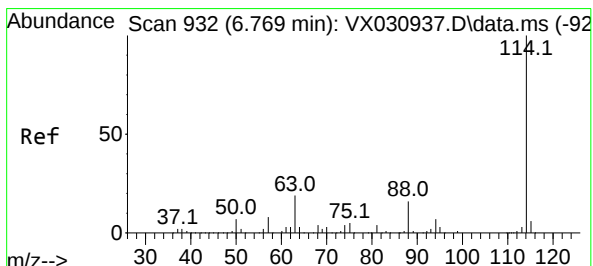
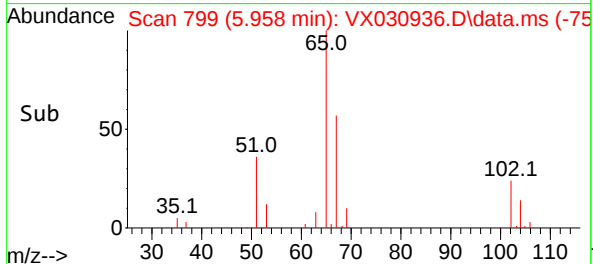
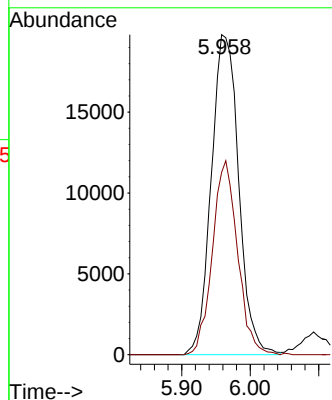
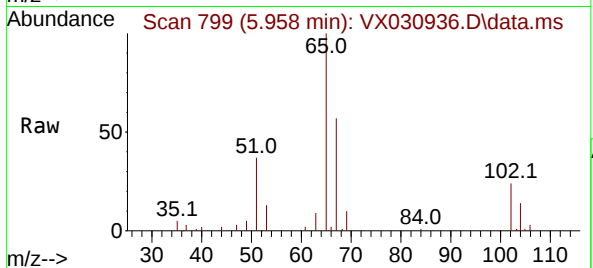
67 55.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

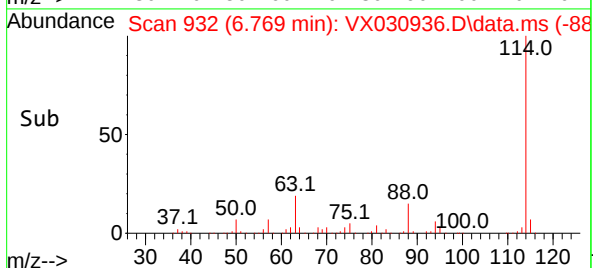
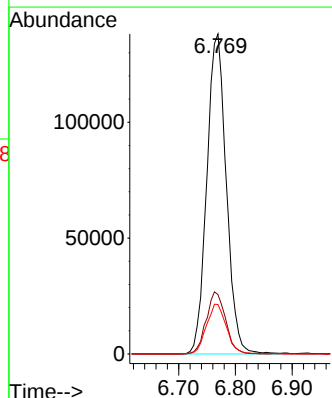
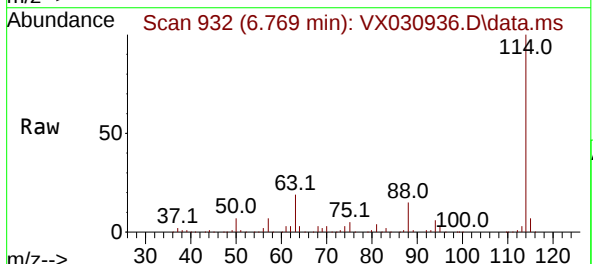
Tgt Ion:114 Resp: 329186

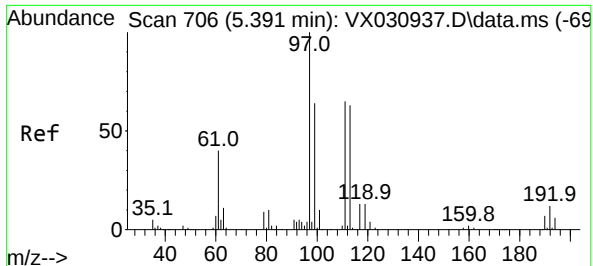
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 19.509 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 47490

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

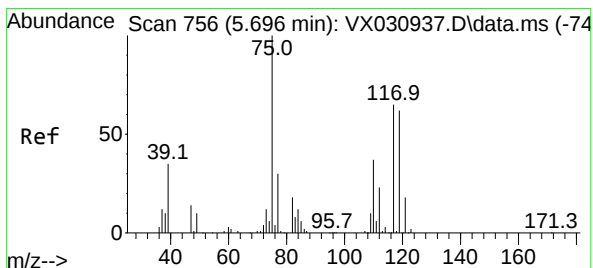
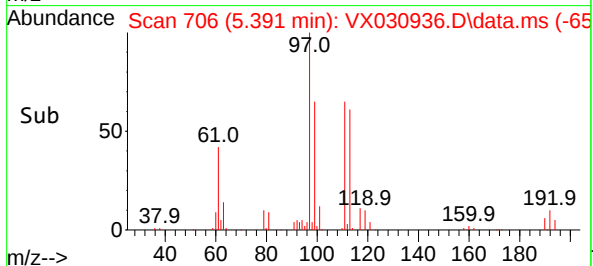
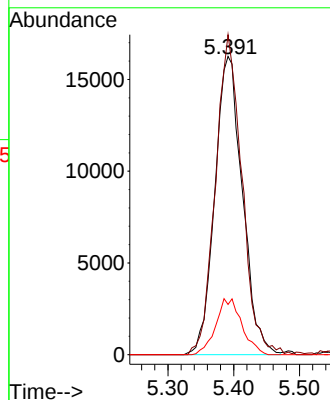
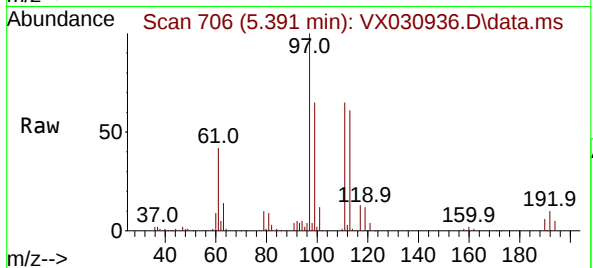
192 17.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#36

1,1-Dichloropropene

Concen: 20.956 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

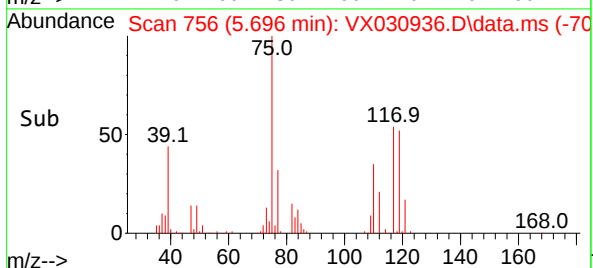
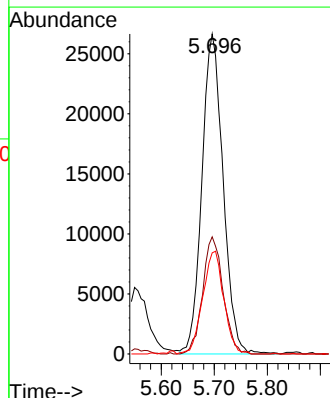
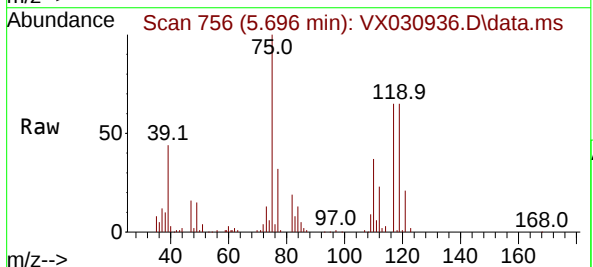
Tgt Ion: 75 Resp: 74020

Ion Ratio Lower Upper

75 100

110 35.3 19.3 57.9

77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 20.582 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

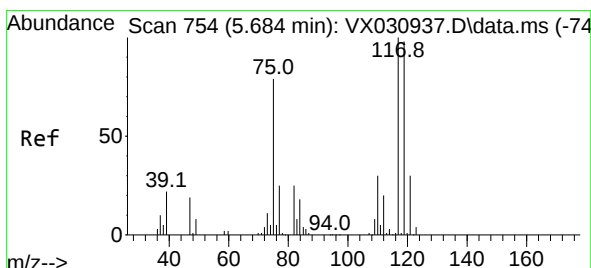
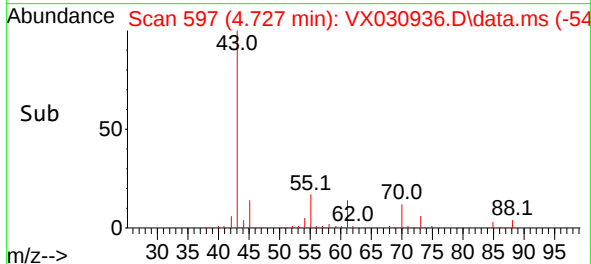
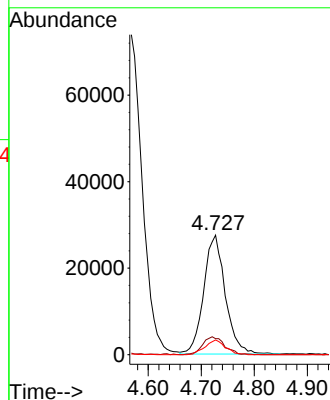
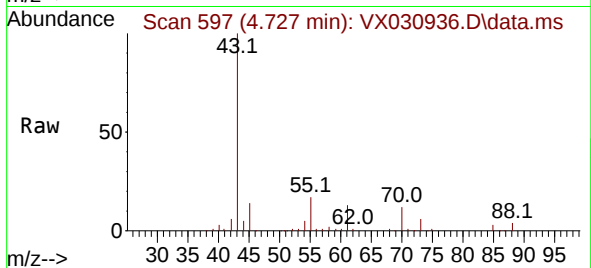
Tgt Ion: 43	Resp: 77972
Ion Ratio	Lower Upper
43 100	
61 15.3	11.7 17.5
70 11.6	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#38

Carbon Tetrachloride

Concen: 20.929 ug/l

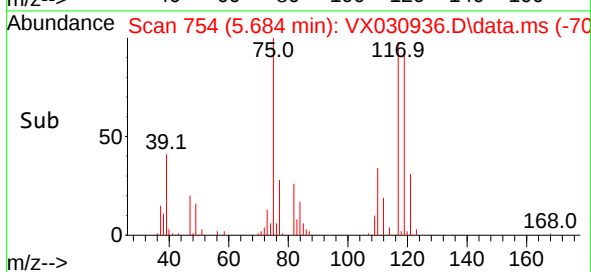
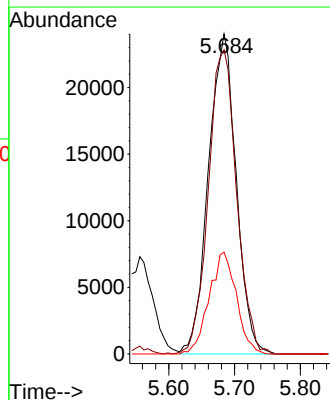
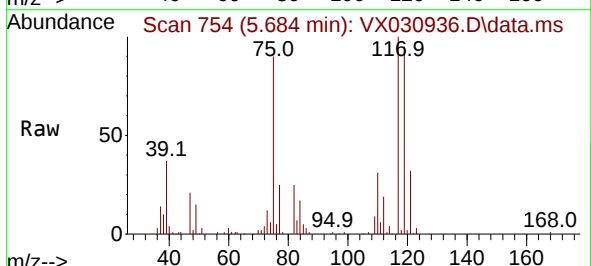
RT: 5.684 min Scan# 754

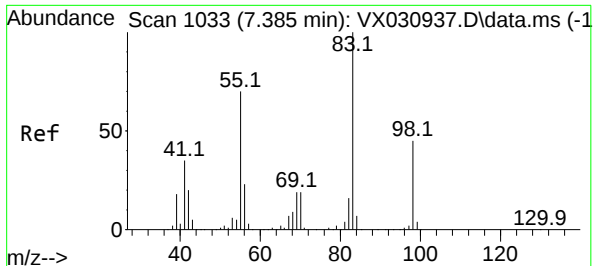
Delta R.T. -0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Tgt Ion: 117	Resp: 70578
Ion Ratio	Lower Upper
117 100	
119 95.1	74.1 111.1
121 31.8	25.8 38.8





#39

Methylcyclohexane

Concen: 21.001 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 90560

Ion Ratio Lower Upper

83 100

55 67.7 57.7 86.5

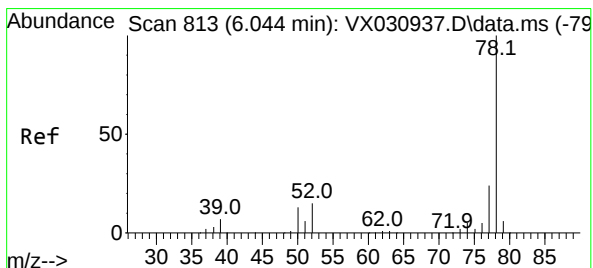
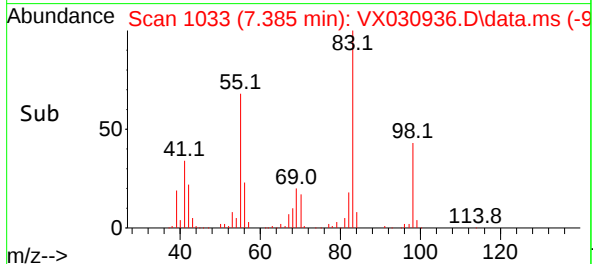
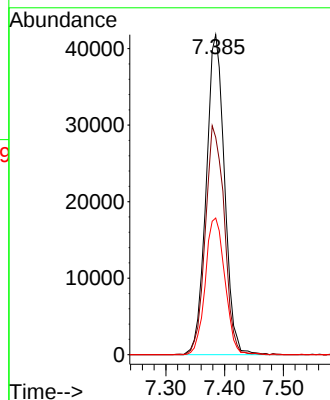
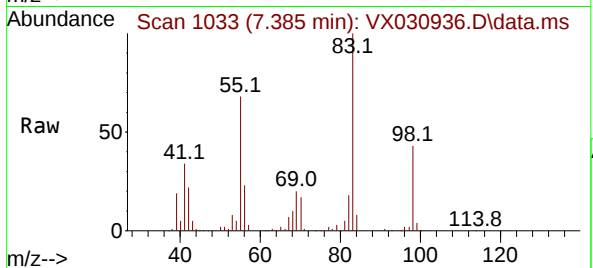
98 42.7 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#40

Benzene

Concen: 20.582 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030936.D

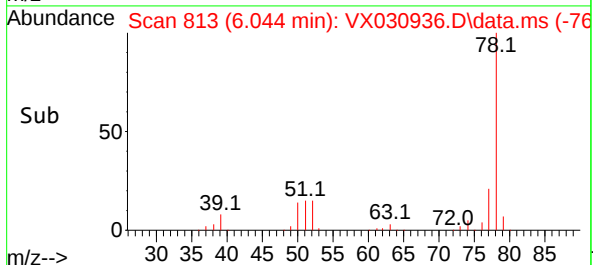
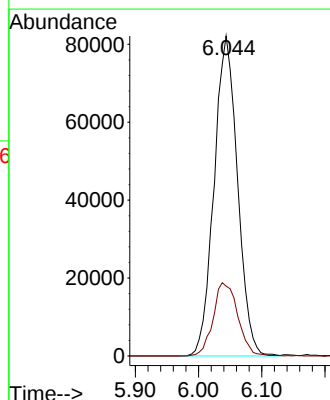
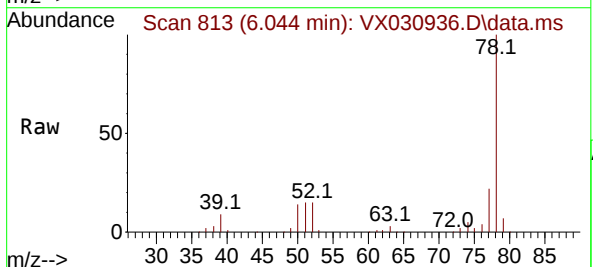
Acq: 30 Aug 2022 13:07

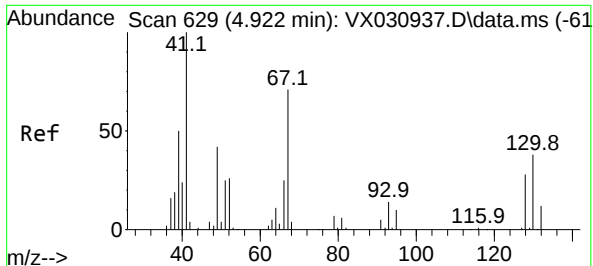
Tgt Ion: 78 Resp: 211222

Ion Ratio Lower Upper

78 100

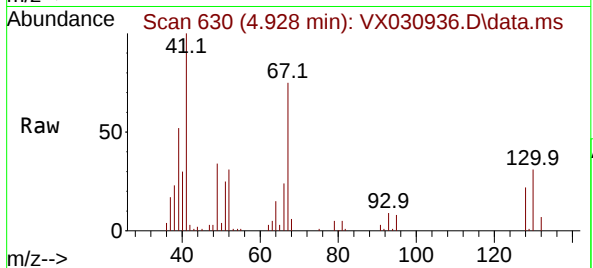
77 21.8 18.0 27.0





#41
Methacrylonitrile
Concen: 20.759 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

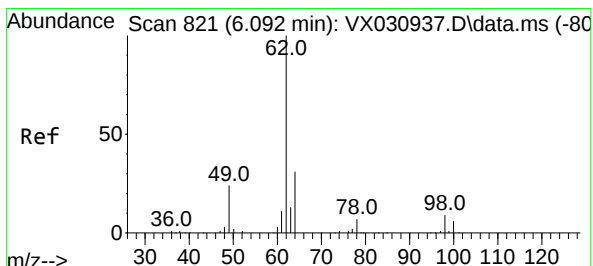
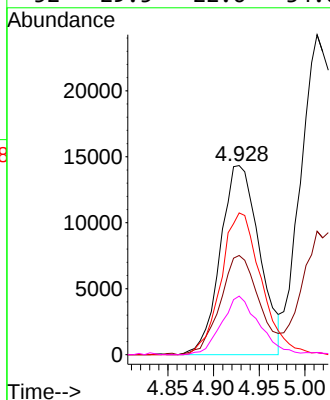
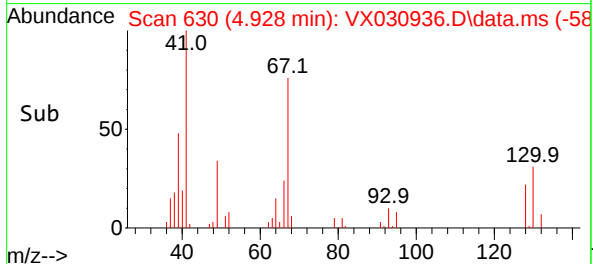
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 4271
Ion Ratio Lower Upper
41 100
39 51.9 42.9 64.3
67 77.0 60.1 90.1
52 29.5 22.6 34.0

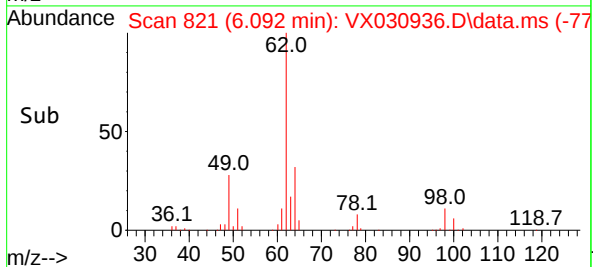
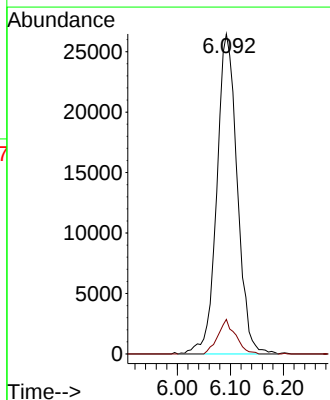
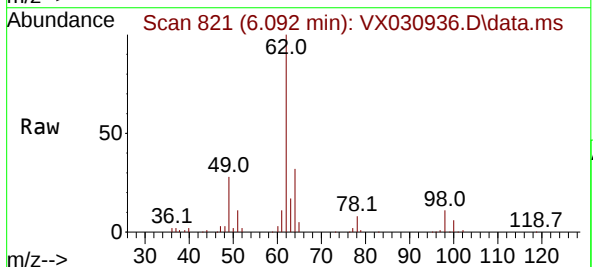
Manual Integrations
APPROVED

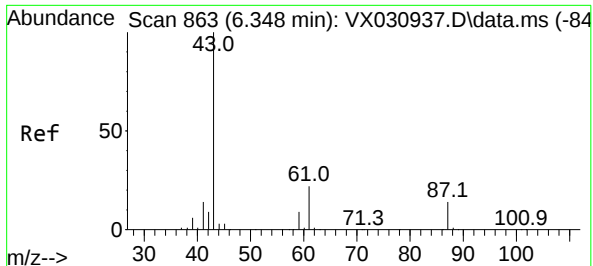
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#42
1,2-Dichloroethane
Concen: 20.517 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 62 Resp: 70762
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.2





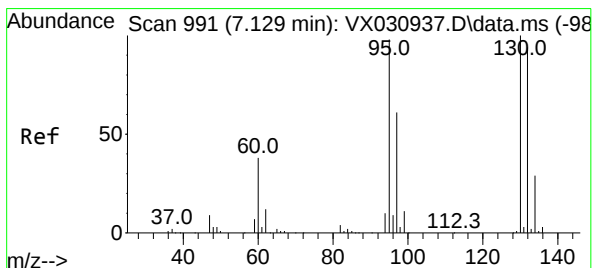
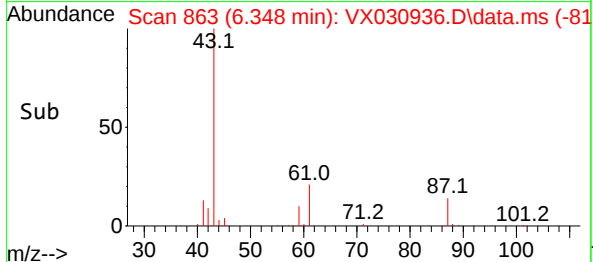
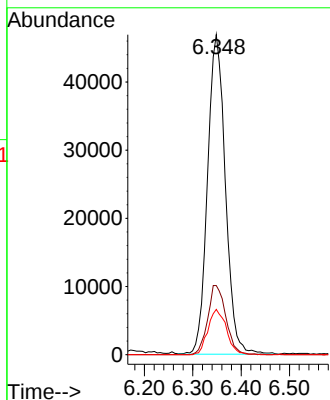
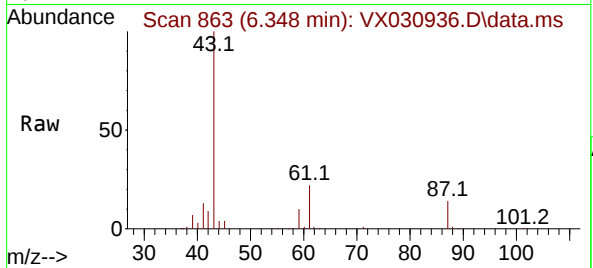
#43
Isopropyl Acetate
Concen: 20.561 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 120298
Ion Ratio Lower Upper
43 100
61 22.1 16.5 24.7
87 14.7 11.1 16.7

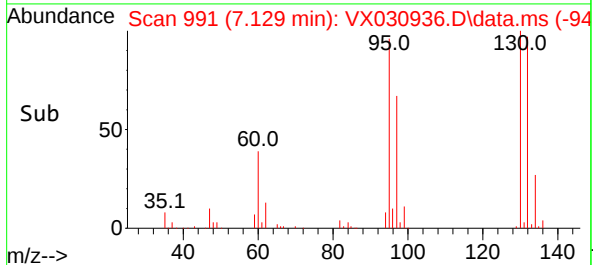
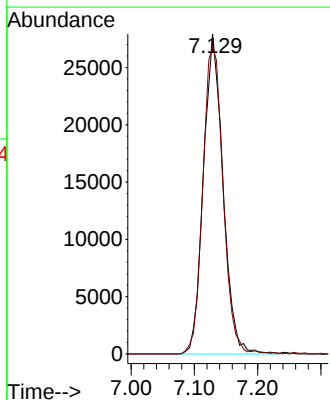
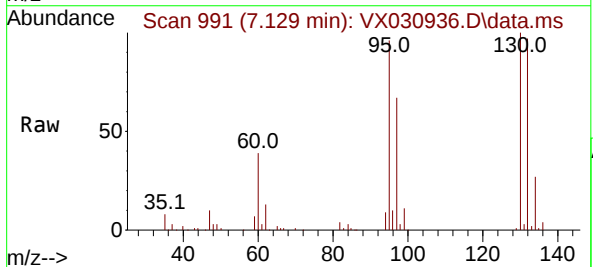
Manual Integrations
APPROVED

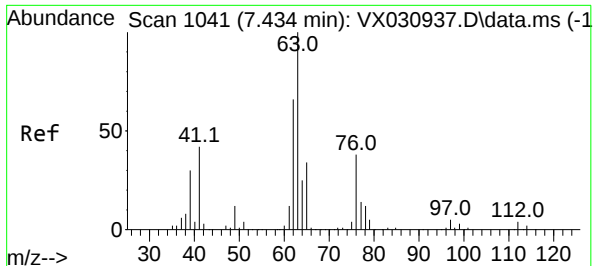
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#44
Trichloroethene
Concen: 20.044 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion:130 Resp: 59981
Ion Ratio Lower Upper
130 100
95 96.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.020 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 57430

Ion Ratio Lower Upper

63 100

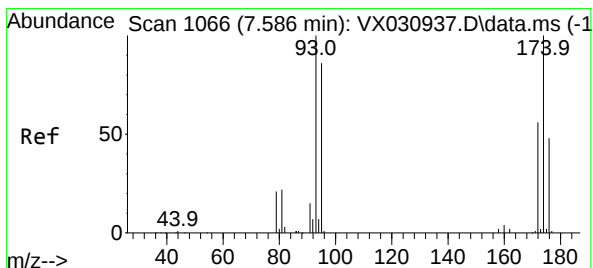
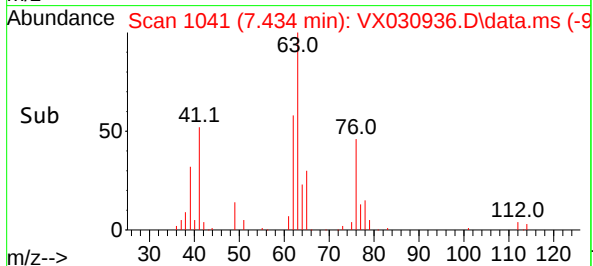
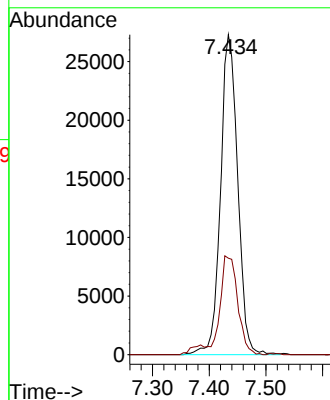
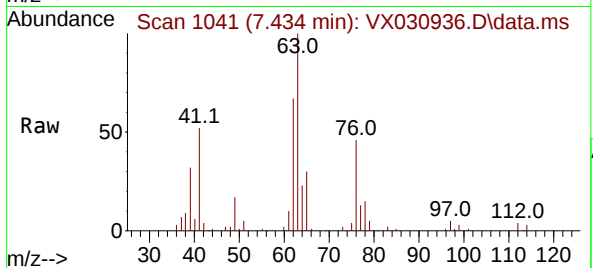
65 30.2 25.2 37.8

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#46

Dibromomethane

Concen: 20.452 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

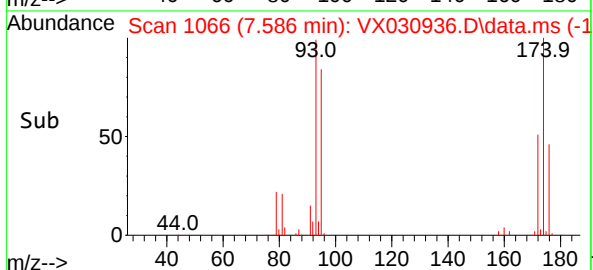
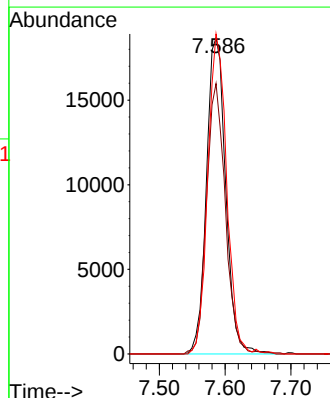
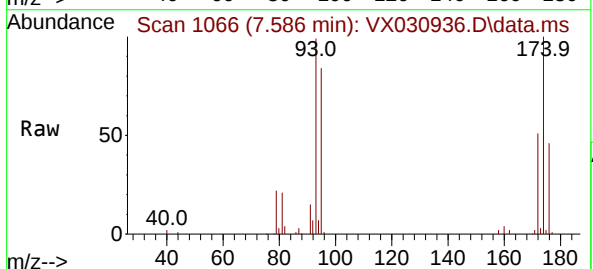
Tgt Ion: 93 Resp: 38000

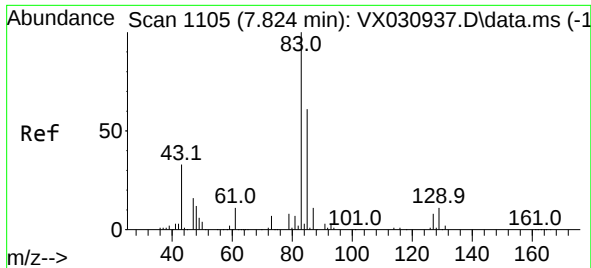
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

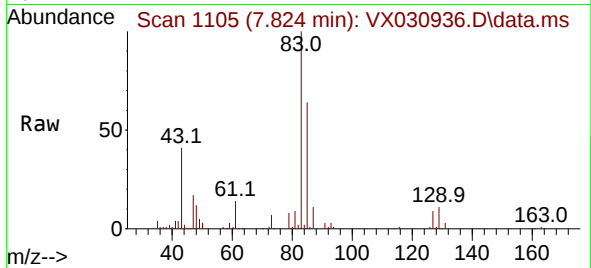
174 99.0 75.6 113.4





#47
Bromodichloromethane
Concen: 20.361 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

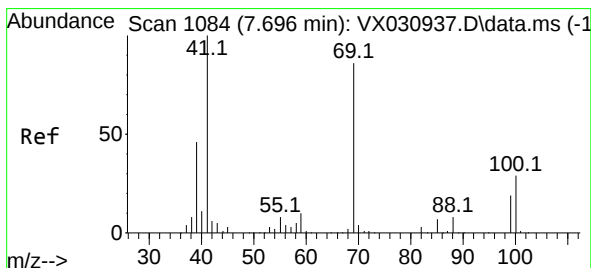
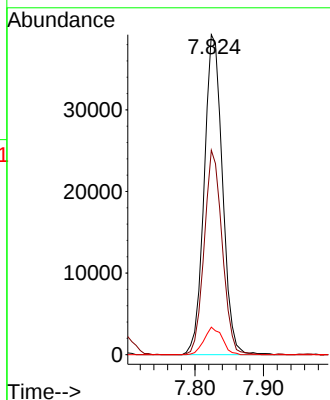
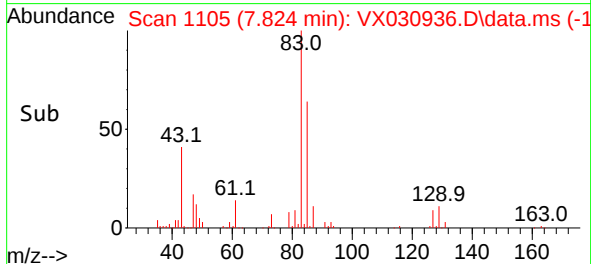
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



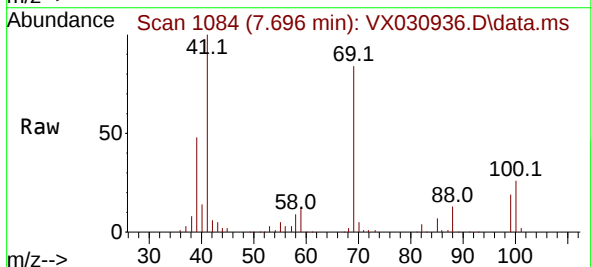
Tgt Ion: 83 Resp: 72778
Ion Ratio Lower Upper
83 100
85 63.9 53.5 80.3
127 8.6 6.6 10.0

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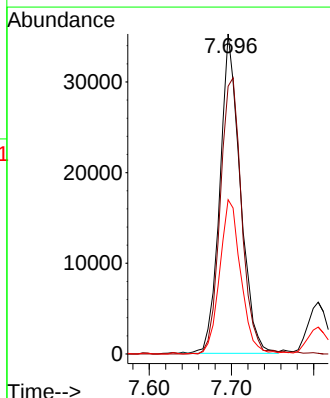
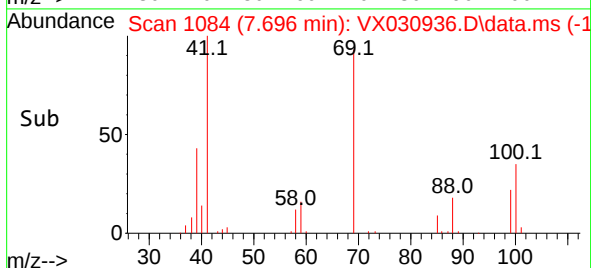
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

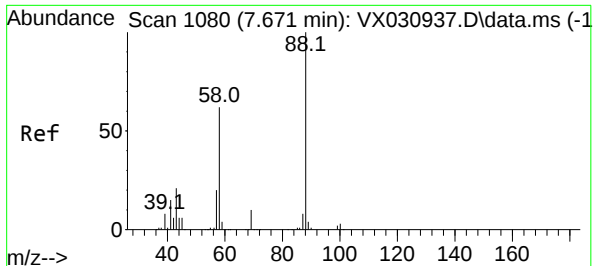


#48
Methyl methacrylate
Concen: 21.405 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



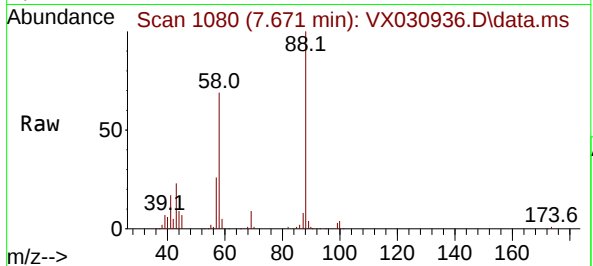
Tgt Ion: 41 Resp: 60918
Ion Ratio Lower Upper
41 100
69 91.1 68.8 103.2
39 49.9 44.6 66.8





#49
1,4-Dioxane
Concen: 456.571 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

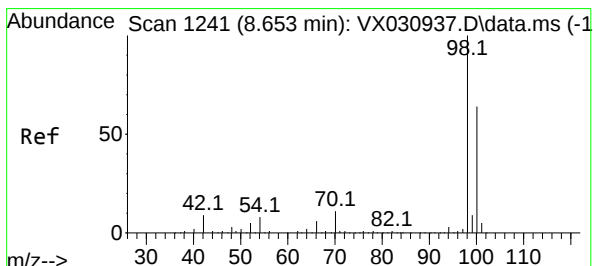
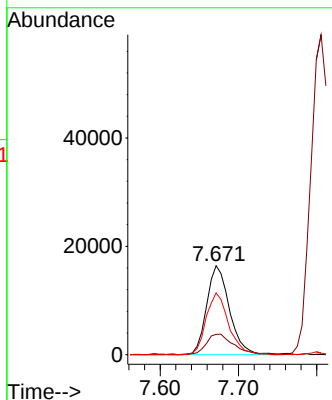
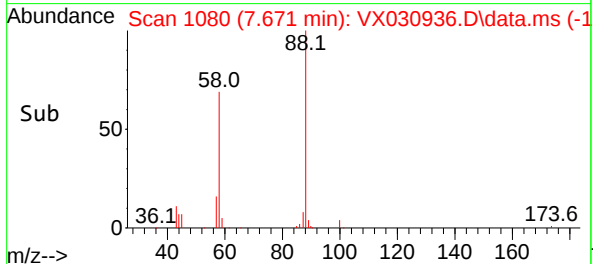
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 33080
Ion Ratio Lower Upper
88 100
43 27.5 23.8 35.8
58 69.0 53.8 80.6

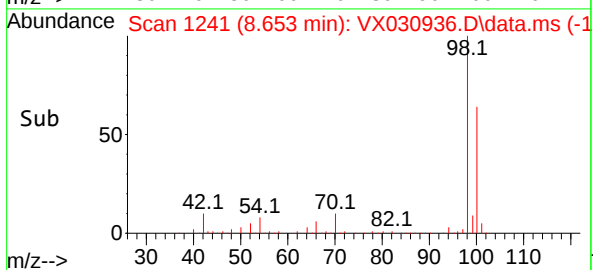
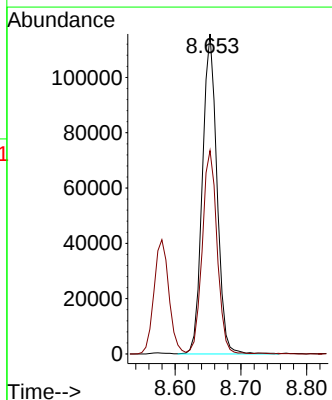
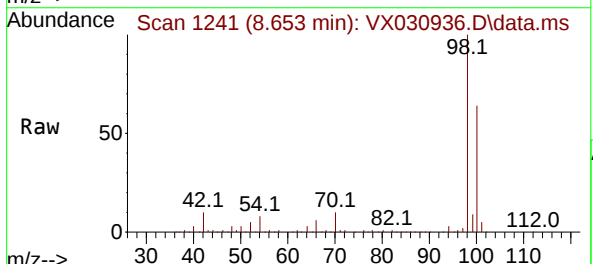
Manual Integrations
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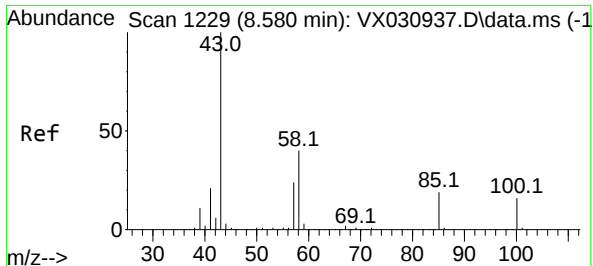
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#50
Toluene-d8
Concen: 20.273 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 98 Resp: 178345
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





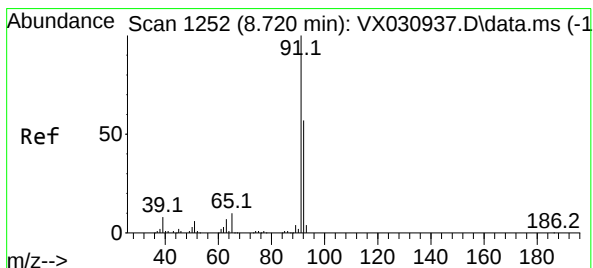
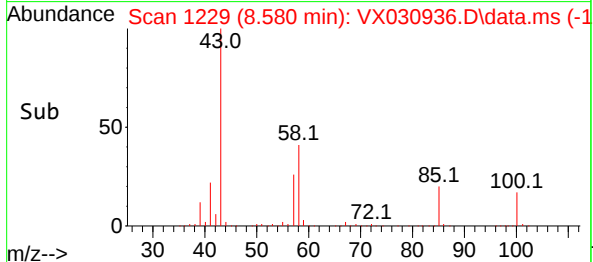
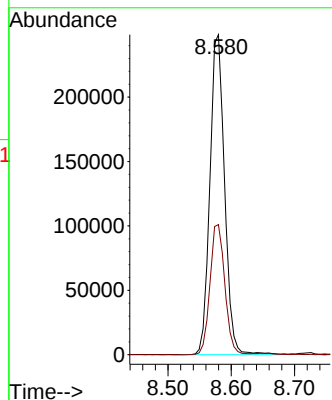
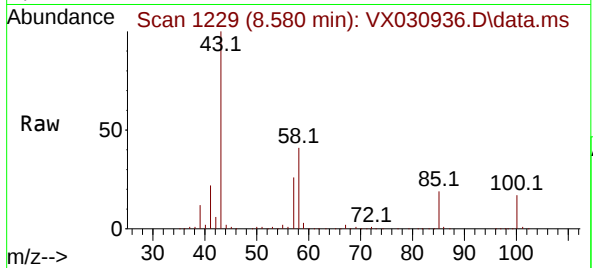
#51
4-Methyl-2-Pentanone
Concen: 105.834 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 40169
Ion Ratio Lower Upper
43 100
58 41.0 31.4 47.2

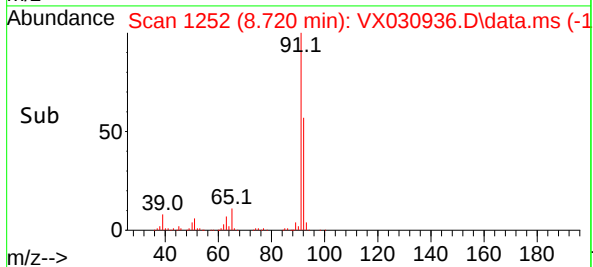
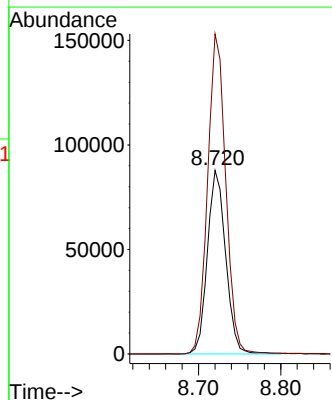
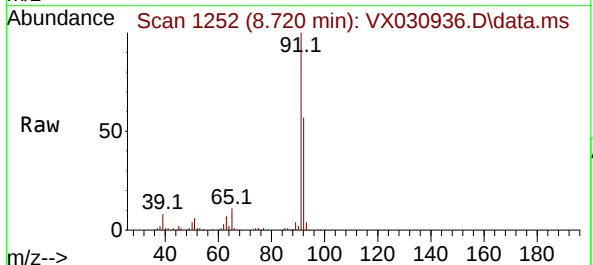
Manual Integrations
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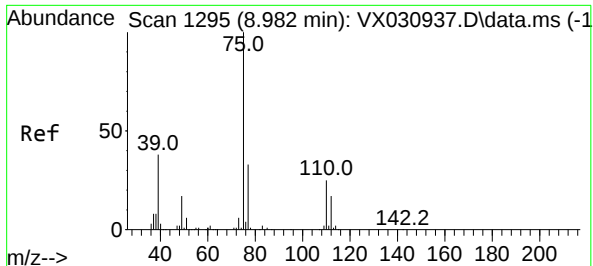
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#52
Toluene
Concen: 21.512 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 92 Resp: 135548
Ion Ratio Lower Upper
92 100
91 172.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.216 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 77168

Ion Ratio Lower Upper

75 100

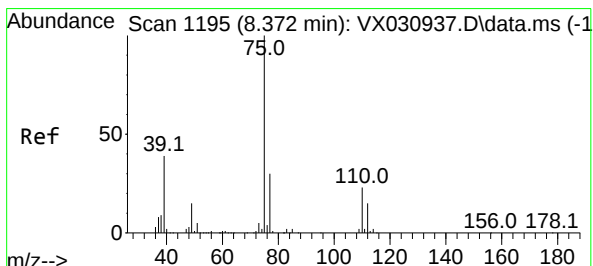
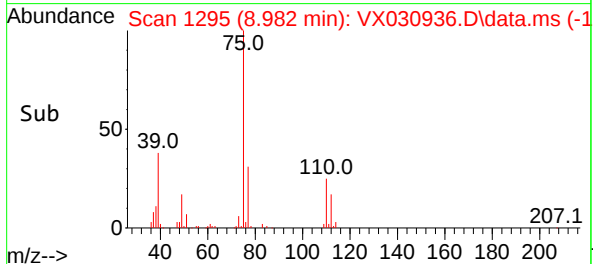
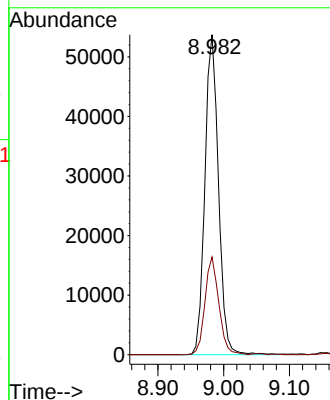
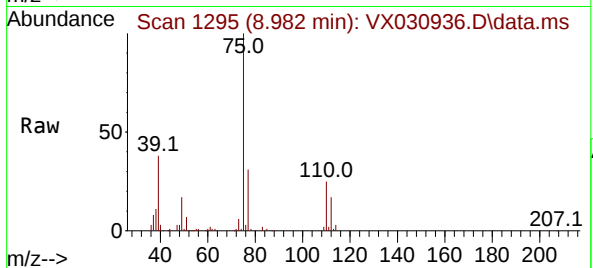
77 30.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#54

cis-1,3-Dichloropropene

Concen: 21.053 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

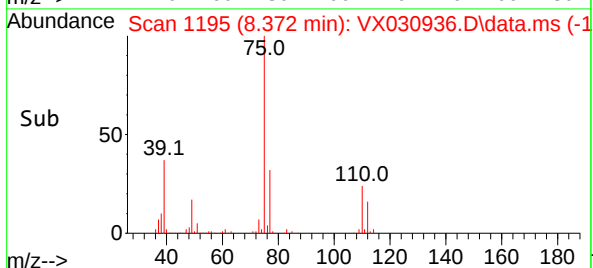
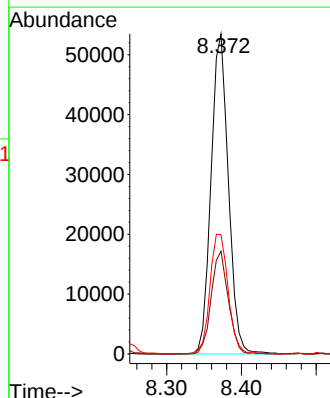
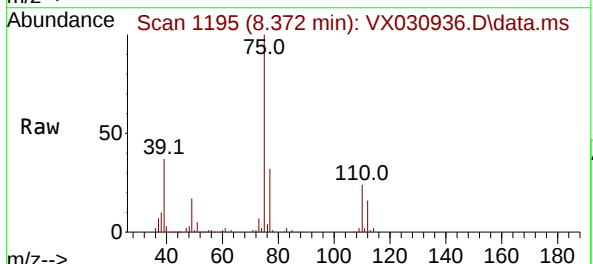
Tgt Ion: 75 Resp: 86328

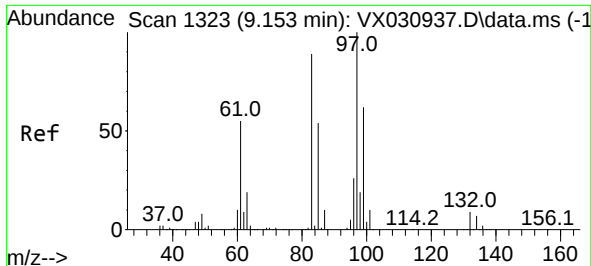
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

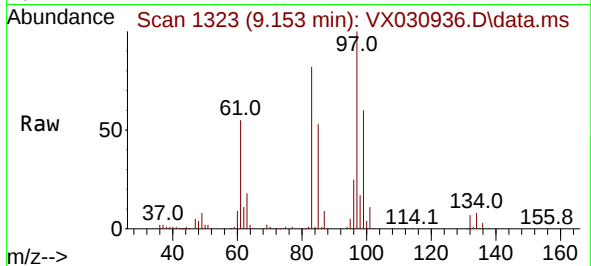
39 37.2 37.5 56.3#





#55
1,1,2-Trichloroethane
Concen: 20.683 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

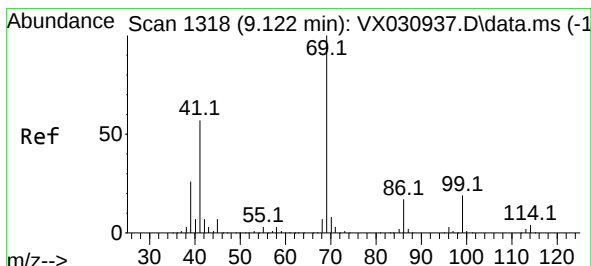
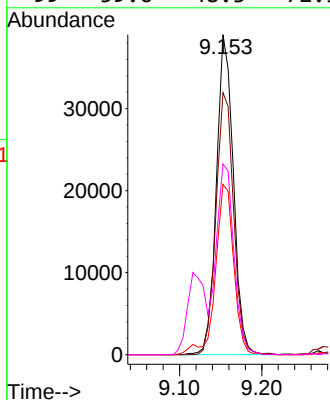
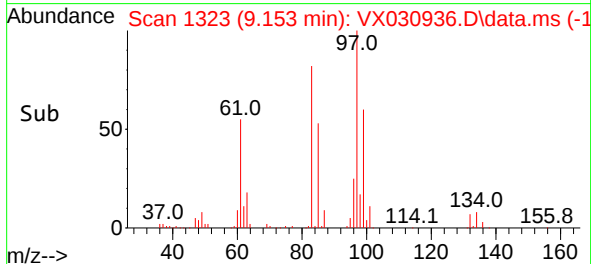


Tgt Ion: 97 Resp: 55994

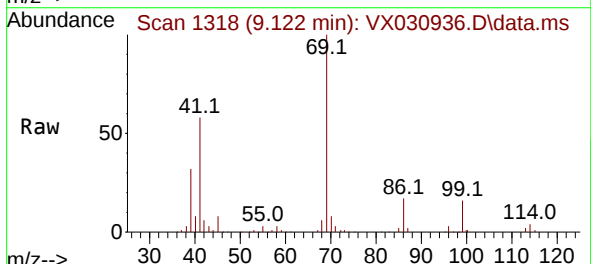
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.9	103.3
85	53.2	44.0	66.0
99	59.6	48.3	72.5

Manual Integrations
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Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

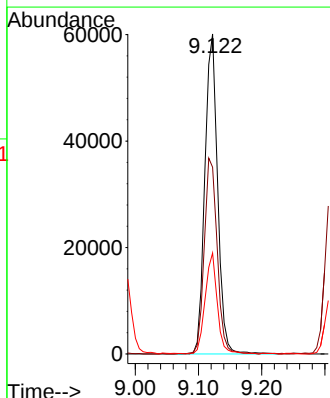
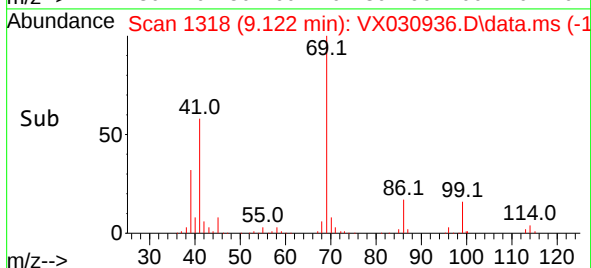


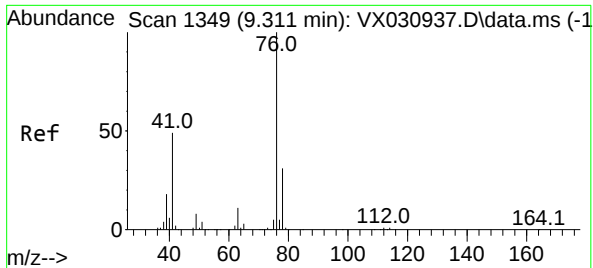
#56
Ethyl methacrylate
Concen: 21.285 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



Tgt Ion: 69 Resp: 84519

Ion	Ratio	Lower	Upper
69	100		
41	62.2	52.3	78.5
39	30.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.791 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 93380

Ion Ratio Lower Upper

76 100

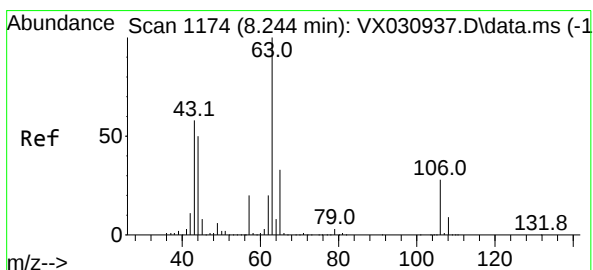
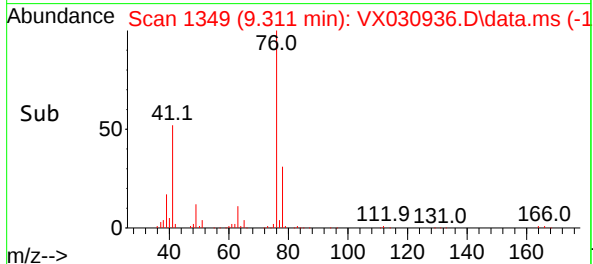
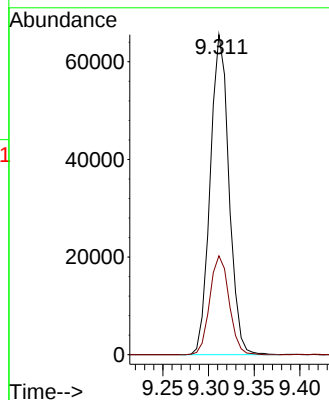
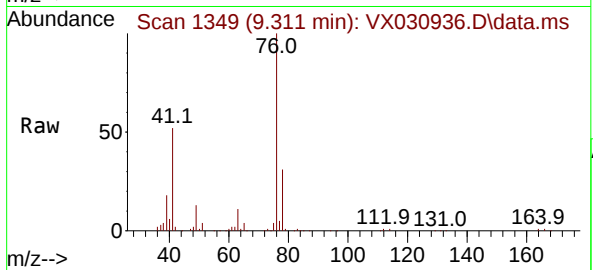
78 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 332.220 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.013 min

Lab File: VX030936.D

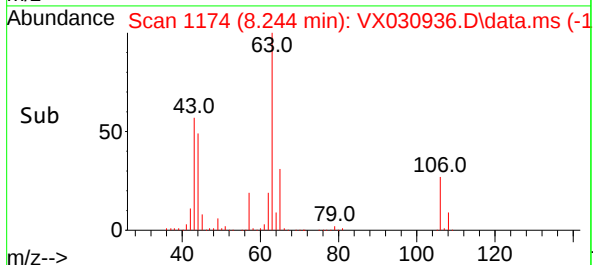
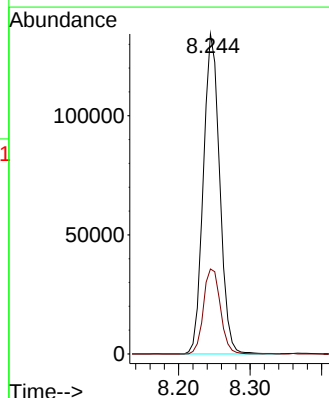
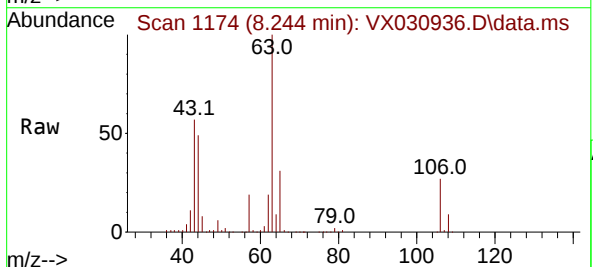
Acq: 30 Aug 2022 13:07

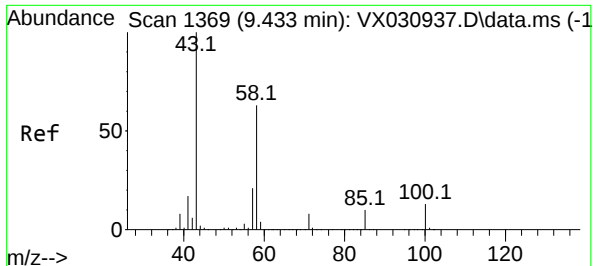
Tgt Ion: 63 Resp: 213794

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 107.477 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 30562

Ion Ratio Lower Upper

43 100

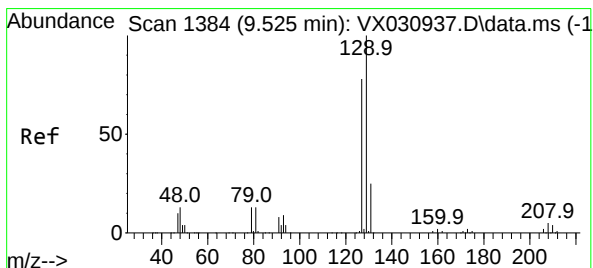
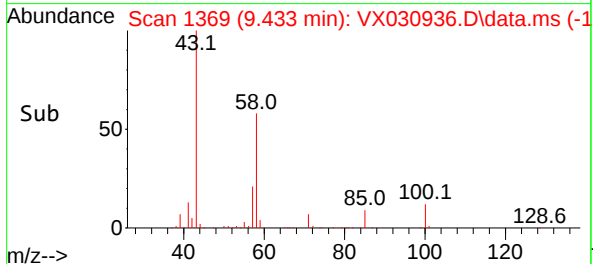
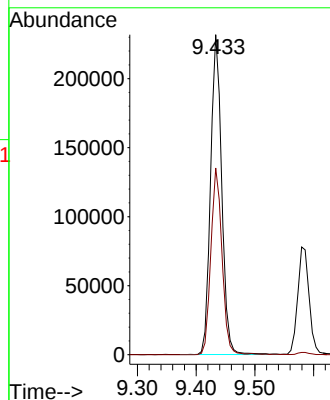
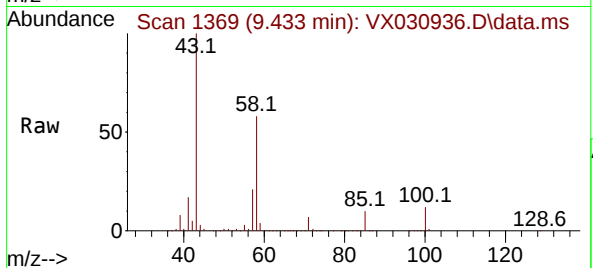
58 58.3 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#60

Dibromochloromethane

Concen: 20.444 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030936.D

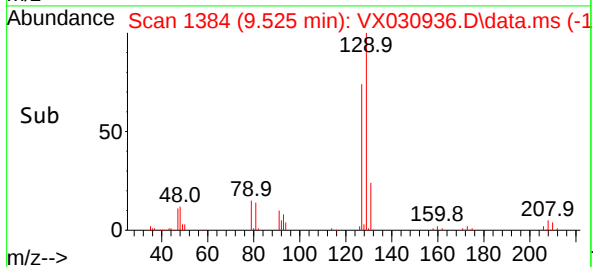
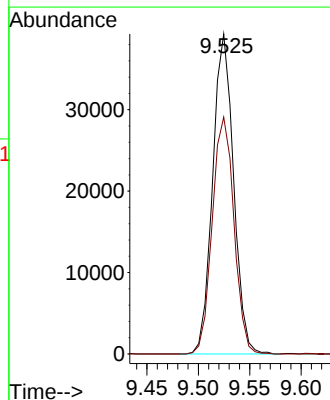
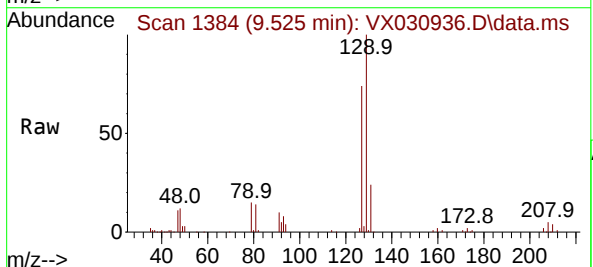
Acq: 30 Aug 2022 13:07

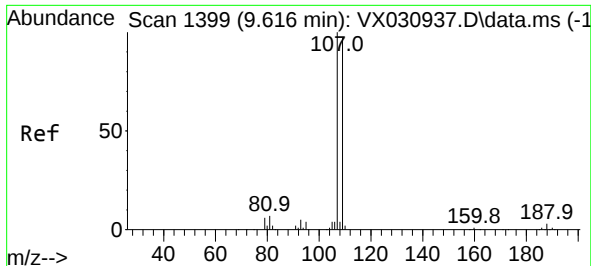
Tgt Ion:129 Resp: 55576

Ion Ratio Lower Upper

129 100

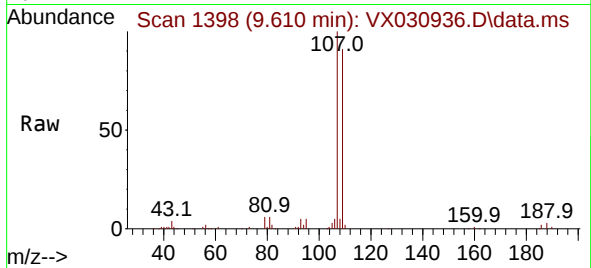
127 76.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.207 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

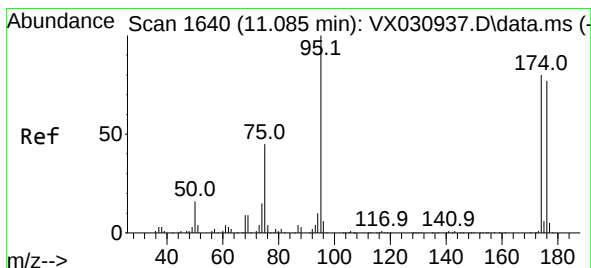
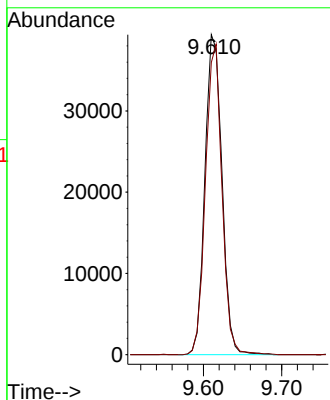
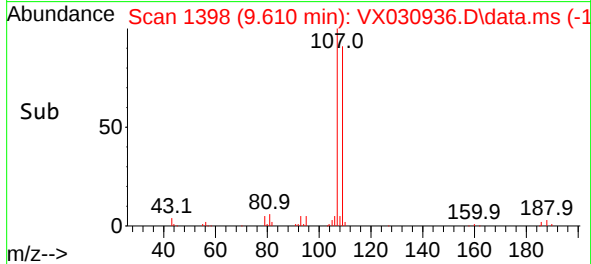
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 107 Resp: 59336
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

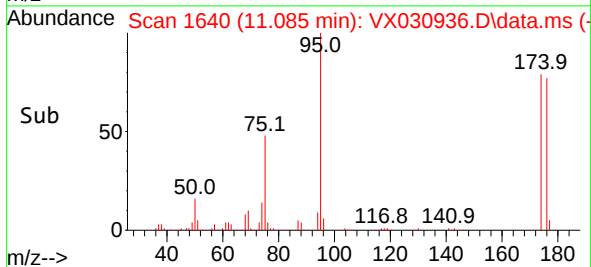
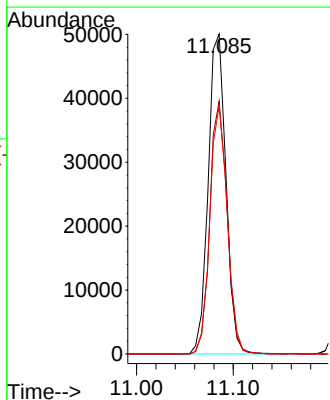
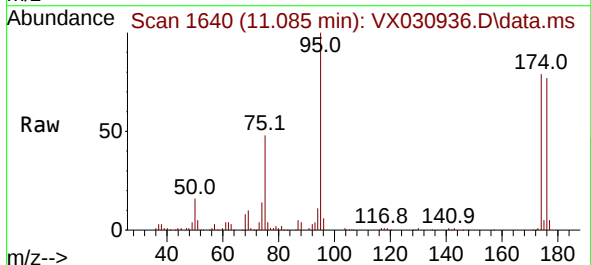
Manual Integrations
APPROVED

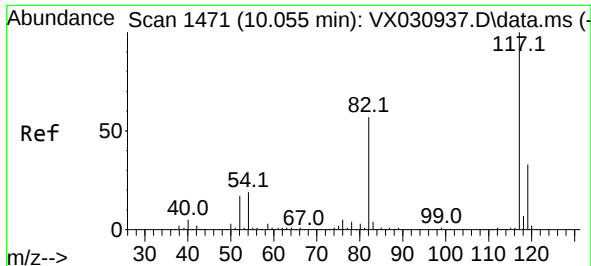
Reviewed By : John Carlone 08/31/2022
Supervised By : Semsettin Yesilyurt 08/31/2022



#62
4-Bromofluorobenzene
Concen: 19.913 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

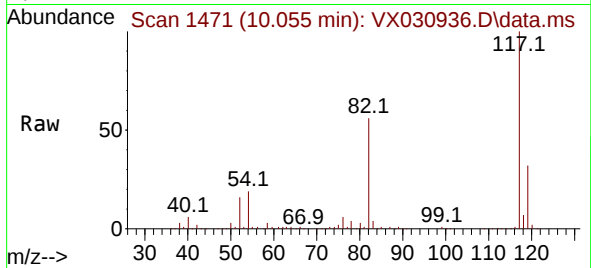
Tgt Ion: 95 Resp: 63996
Ion Ratio Lower Upper
95 100
174 76.4 0.0 149.0
176 76.1 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

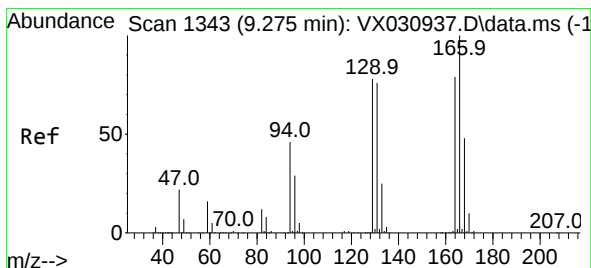
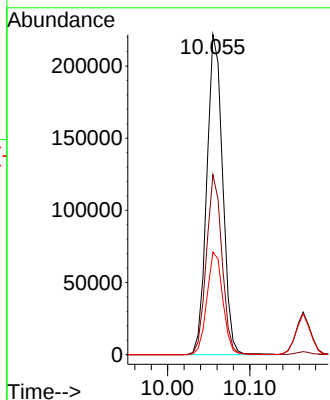
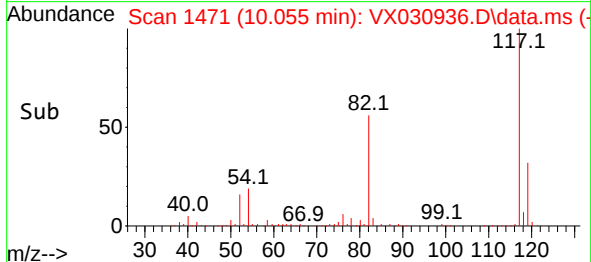
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 296200
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.1 25.4 38.2

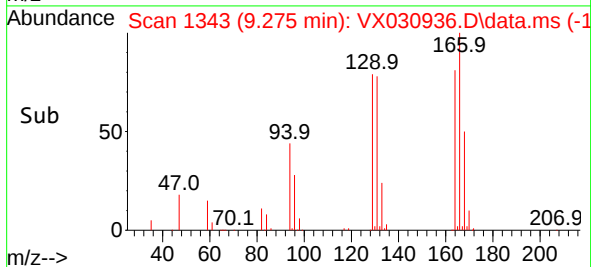
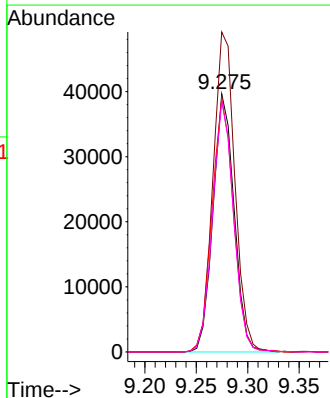
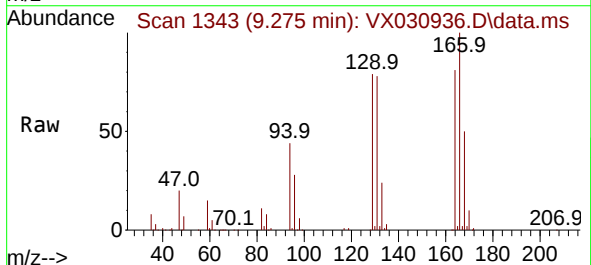
Manual Integrations
APPROVED

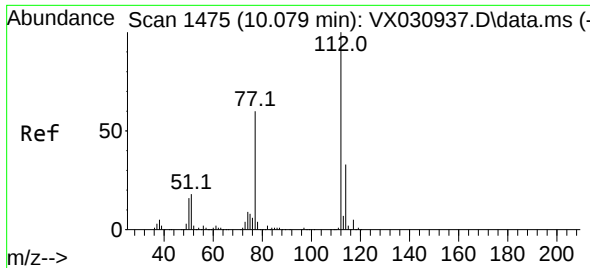
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#64
Tetrachloroethene
Concen: 20.089 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

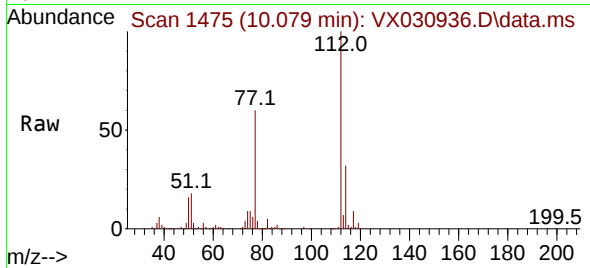
Tgt Ion:164 Resp: 56372
Ion Ratio Lower Upper
164 100
166 124.0 98.2 147.4
129 98.4 80.8 121.2
131 97.3 75.5 113.3





#65
Chlorobenzene
Concen: 20.776 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

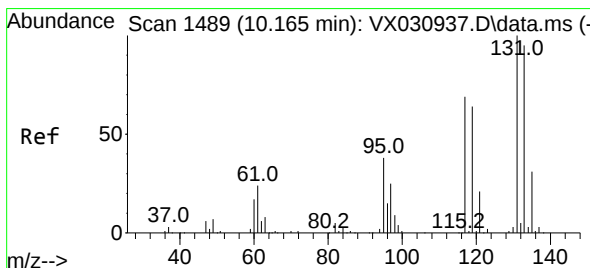
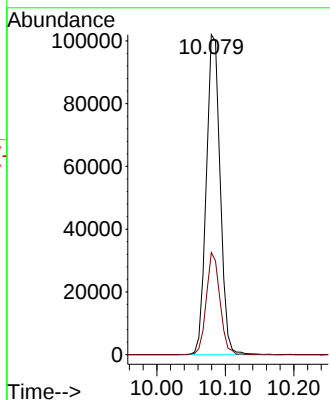
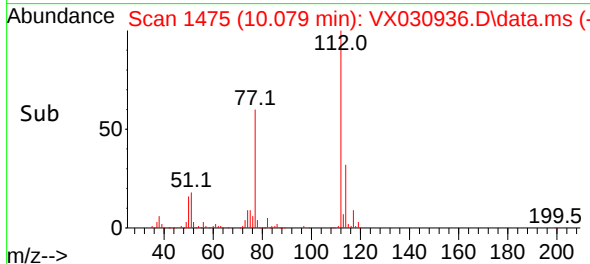
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 143929
Ion Ratio Lower Upper
112 100
114 31.9 24.6 36.8

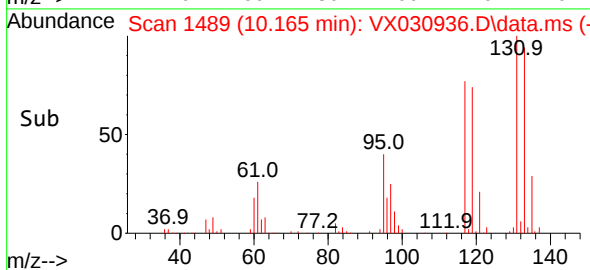
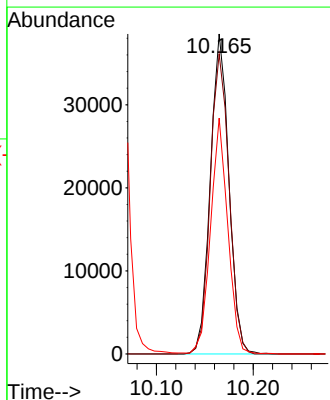
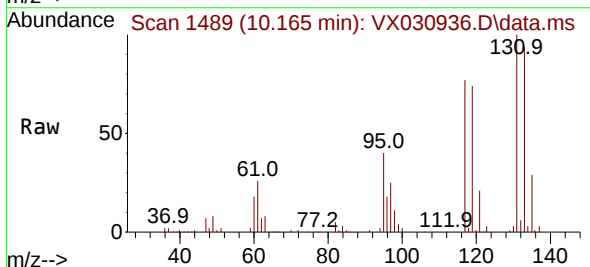
Manual Integrations
APPROVED

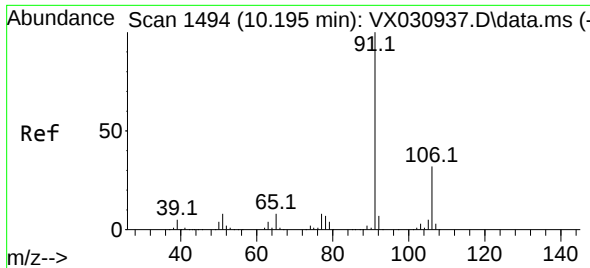
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.644 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

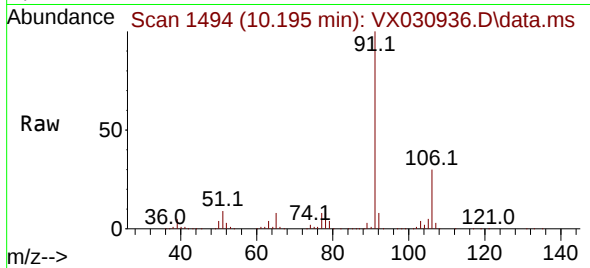
Tgt Ion:131 Resp: 51311
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.8
119 68.8 34.4 103.1





#67
Ethyl Benzene
Concen: 20.978 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

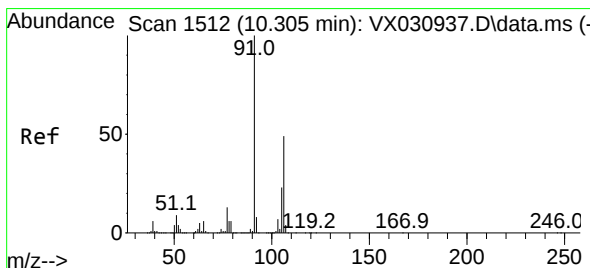
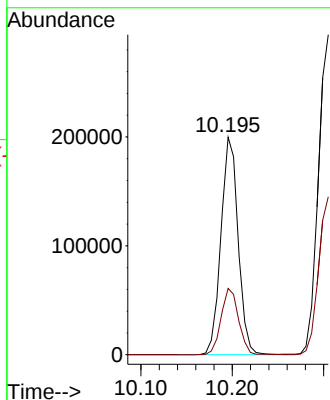
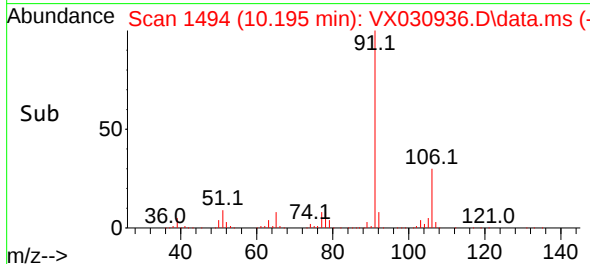
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



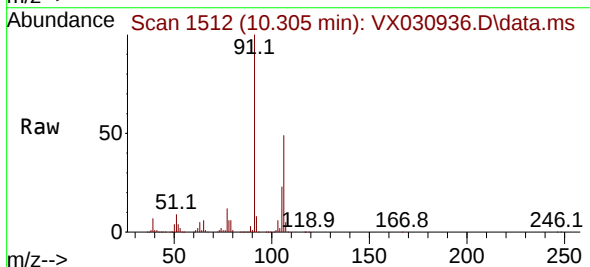
Tgt Ion: 91 Resp: 261520
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3

Manual Integrations
APPROVED

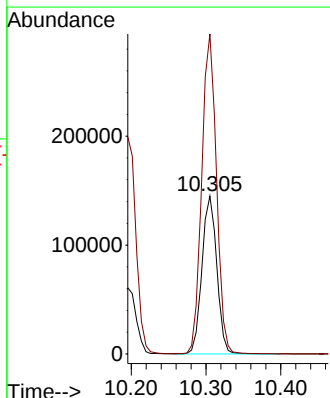
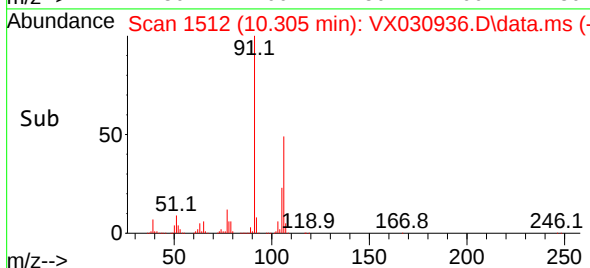
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

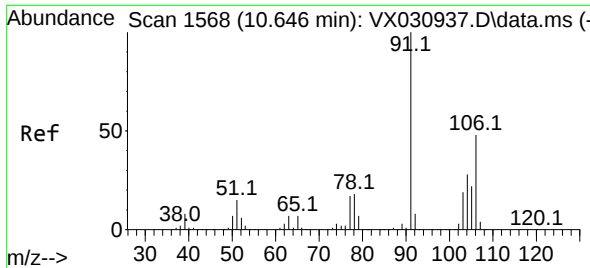


#68
m/p-Xylenes
Concen: 42.801 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



Tgt Ion:106 Resp: 199768
Ion Ratio Lower Upper
106 100
91 201.5 158.2 237.4





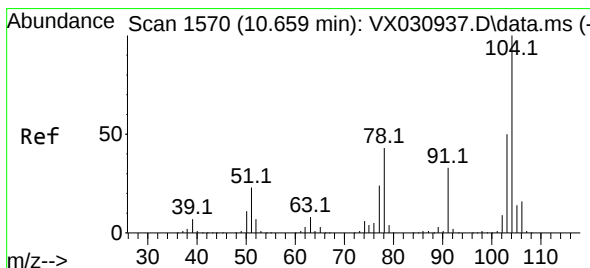
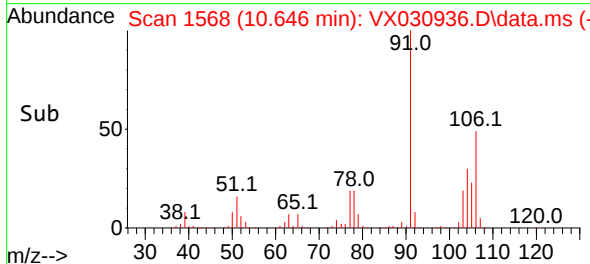
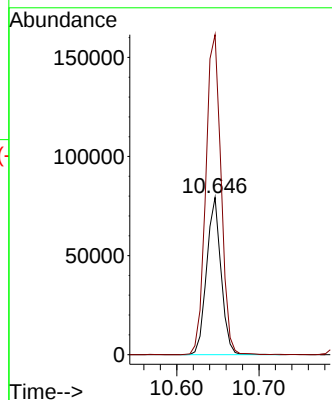
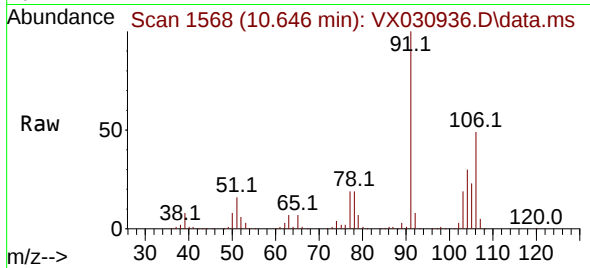
#69
o-Xylene
Concen: 21.067 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 96628
Ion Ratio Lower Upper
106 100
91 215.9 103.8 311.6

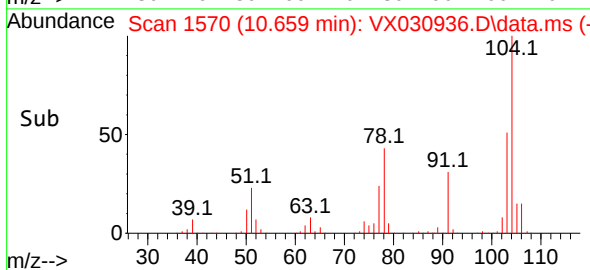
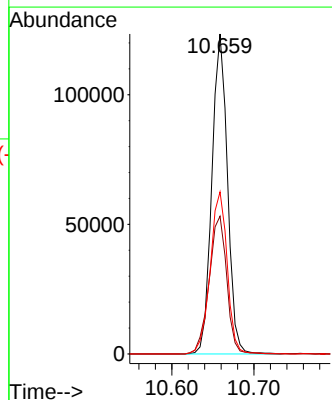
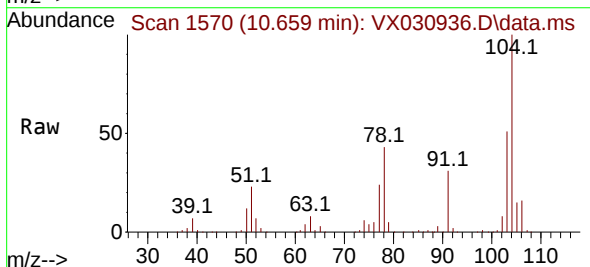
Manual Integrations
APPROVED

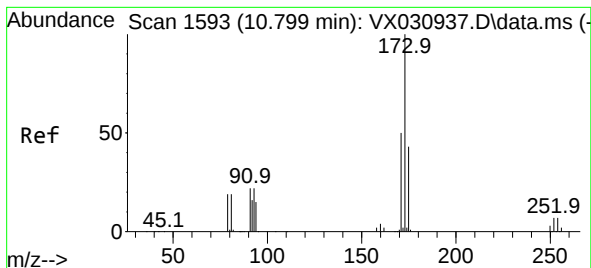
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#70
Styrene
Concen: 20.979 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

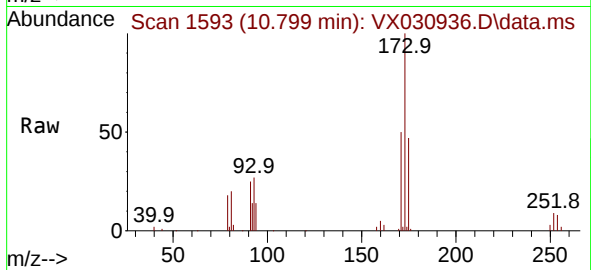
Tgt Ion:104 Resp: 162664
Ion Ratio Lower Upper
104 100
78 48.6 37.8 56.8
103 55.4 44.5 66.7





#71
Bromoform
Concen: 20.599 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

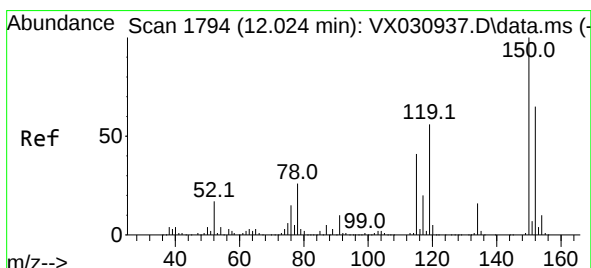
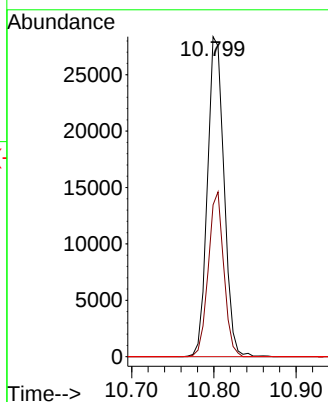
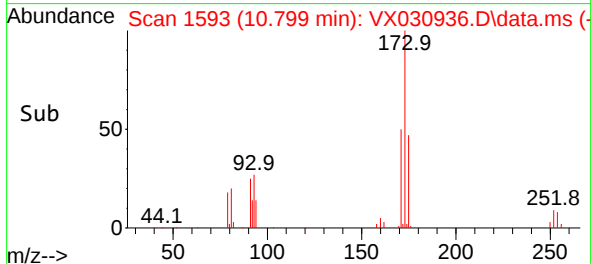
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 39740
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.2
254 0.0 0.1 0.1

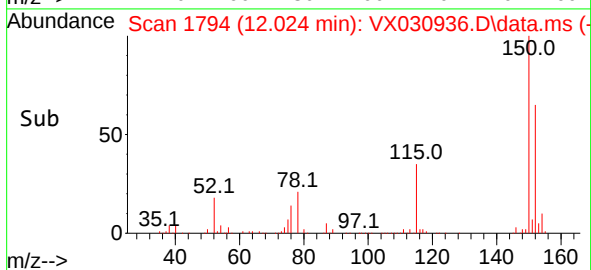
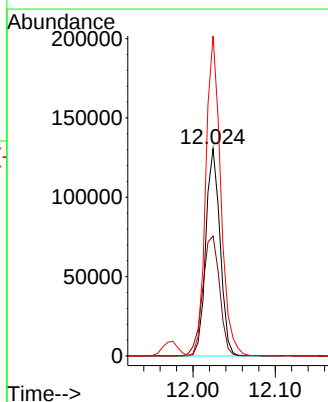
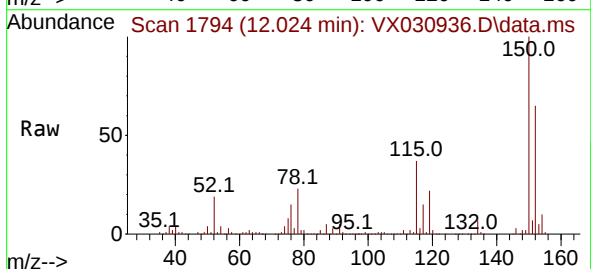
Manual Integrations
APPROVED

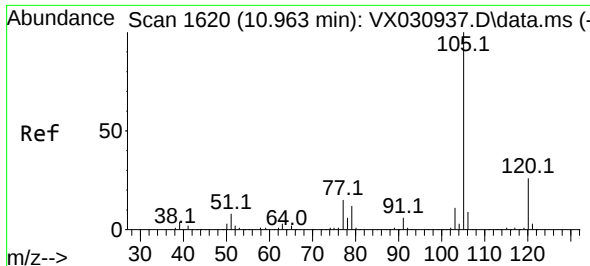
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

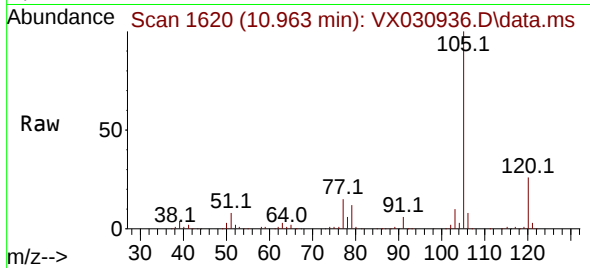
Tgt Ion:152 Resp: 156926
Ion Ratio Lower Upper
152 100
115 69.3 40.5 121.5
150 161.4 0.0 347.0





#73
Isopropylbenzene
Concen: 20.945 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

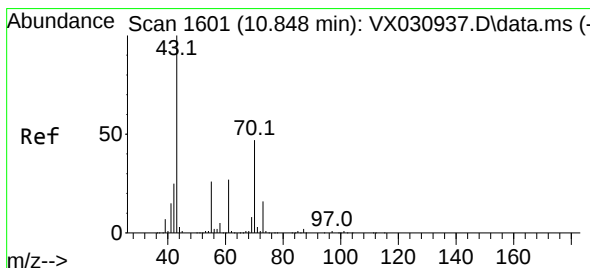
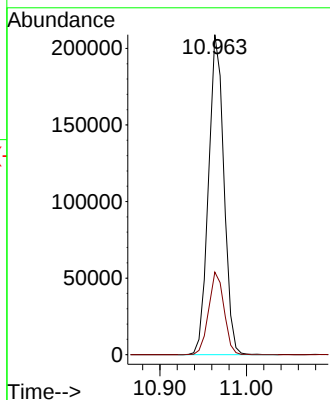
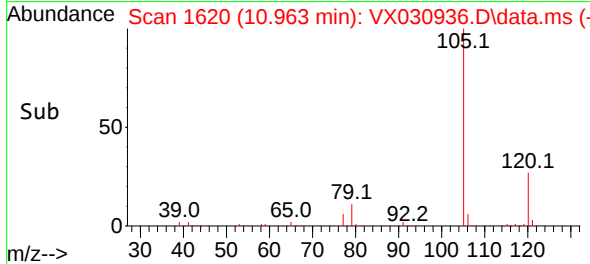
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 25778
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

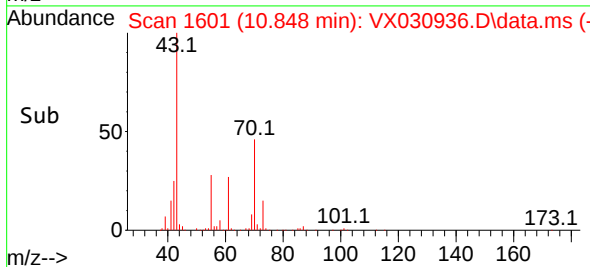
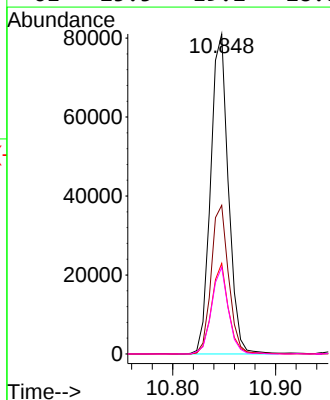
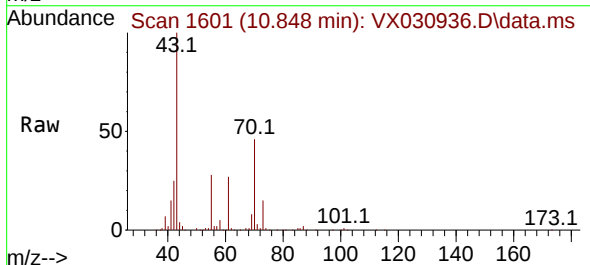
Manual Integrations
APPROVED

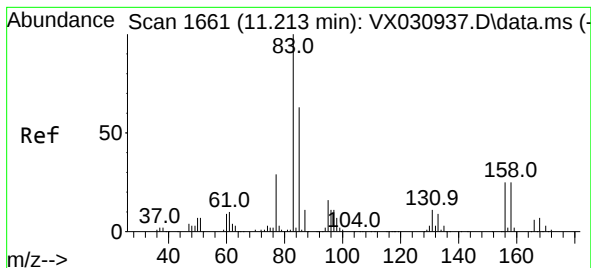
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#74
N-ethyl acetate
Concen: 20.367 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 43 Resp: 97531
Ion Ratio Lower Upper
43 100
70 45.6 32.3 48.5
55 26.8 18.4 27.6
61 25.5 19.2 28.8





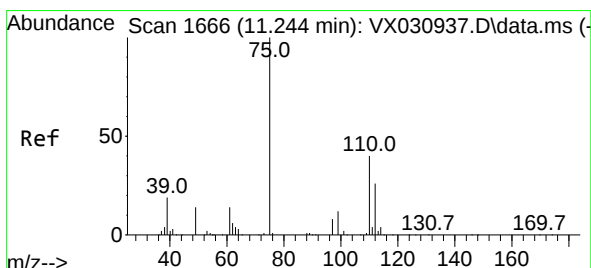
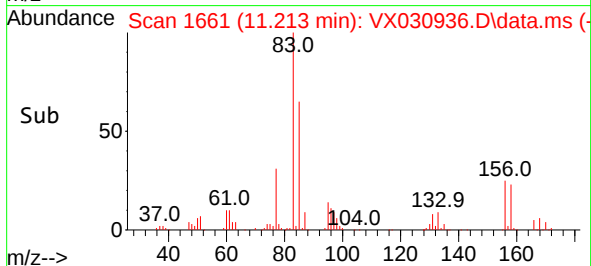
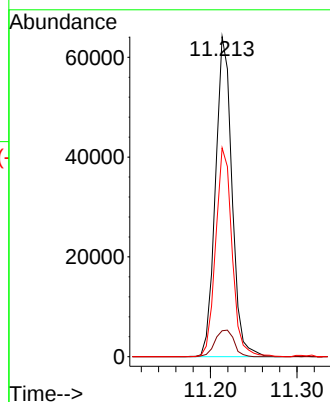
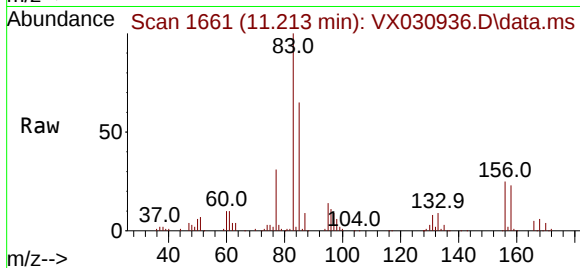
#75
1,1,2,2-Tetrachloroethane
Concen: 20.542 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 84809
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 64.9 32.5 97.5

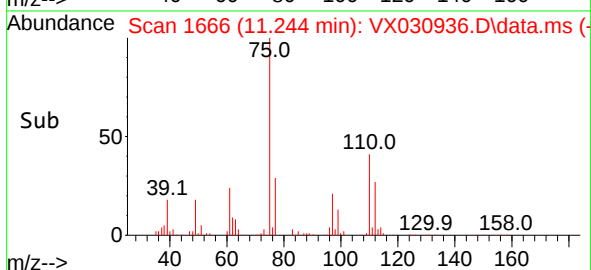
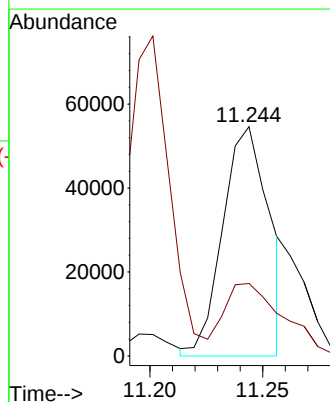
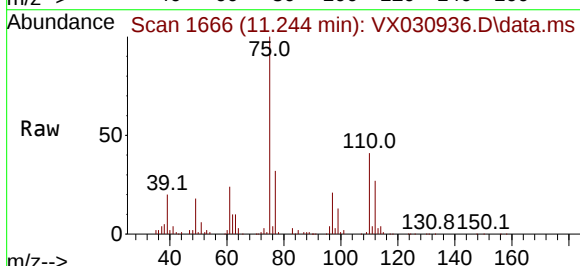
Manual Integrations
APPROVED

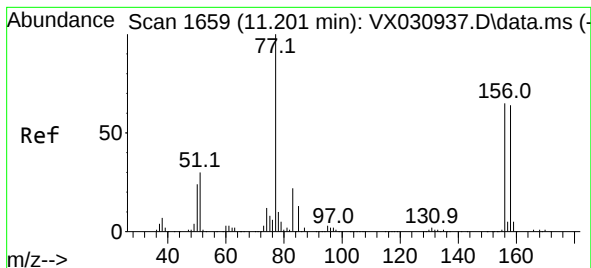
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#76
1,2,3-Trichloropropane
Concen: 19.808 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion: 75 Resp: 77903
Ion Ratio Lower Upper
75 100
77 40.7 19.8 59.3





#77

Bromobenzene

Concen: 20.521 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

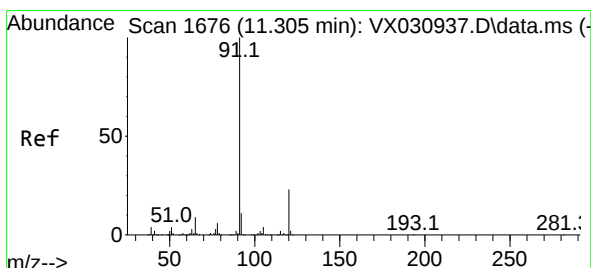
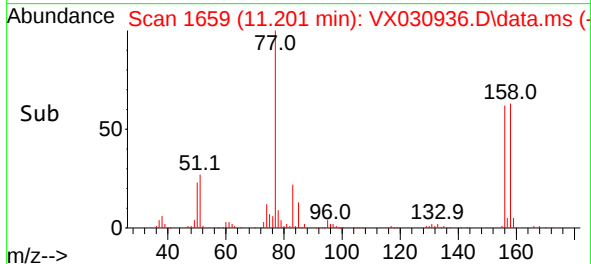
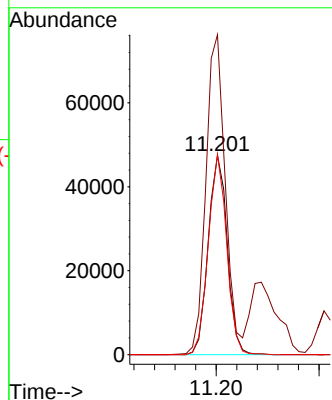
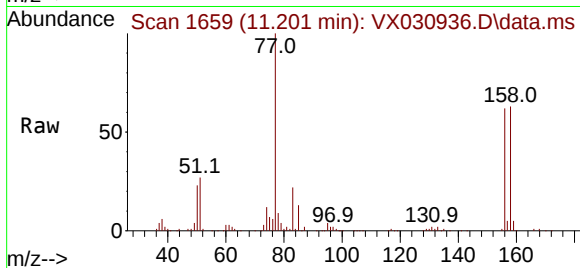
Tgt Ion:156 Resp: 61178
 Ion Ratio Lower Upper
 156 100
 77 163.1 82.7 247.9
 158 97.0 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#78

n-propylbenzene

Concen: 22.124 ug/l

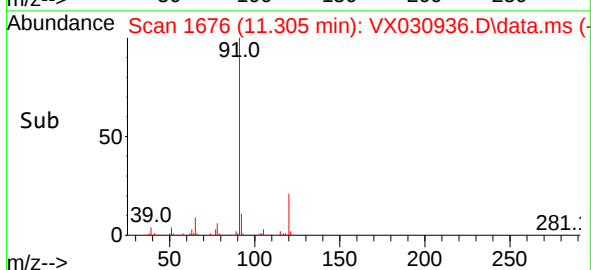
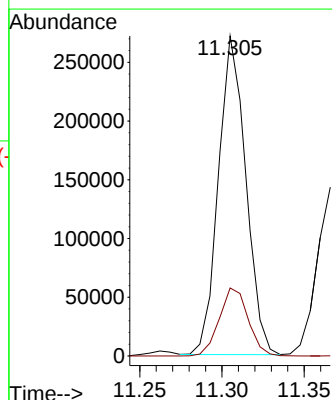
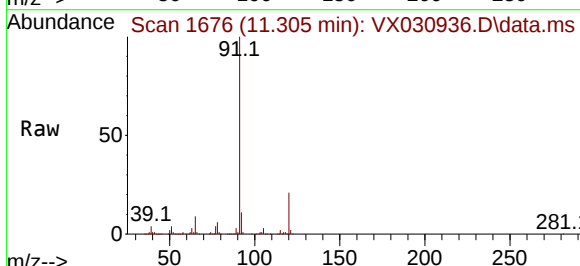
RT: 11.305 min Scan# 1676

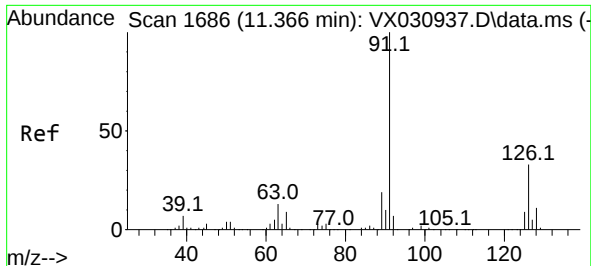
Delta R.T. -0.000 min

Lab File: VX030936.D

Acq: 30 Aug 2022 13:07

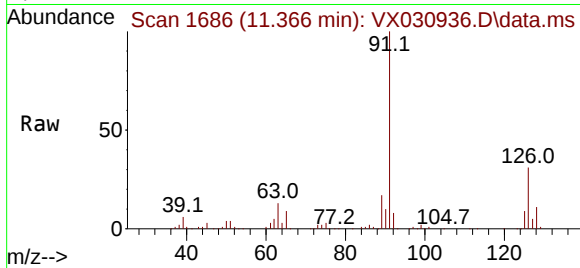
Tgt Ion: 91 Resp: 314693
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.6 34.8





#79
2-Chlorotoluene
Concen: 19.954 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

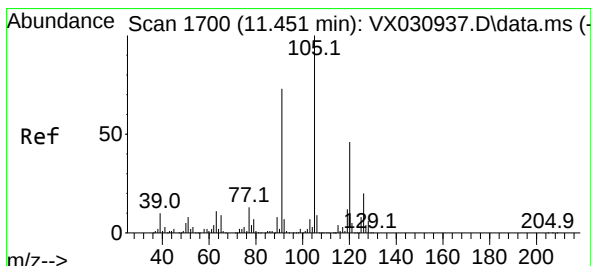
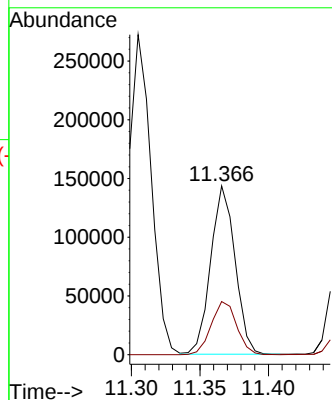
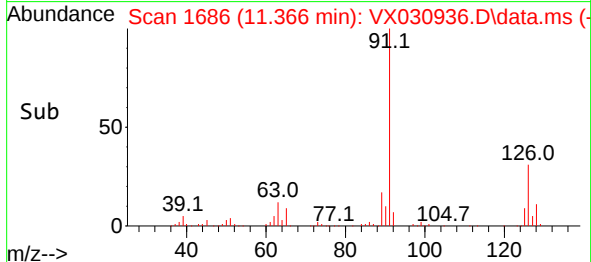
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



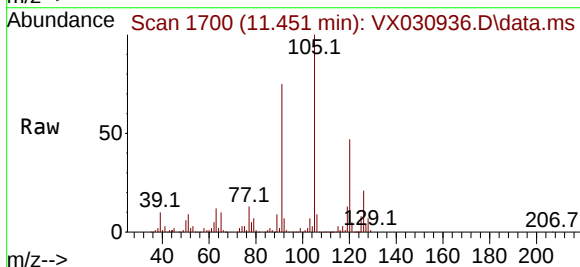
Tgt Ion: 91 Resp: 177449
Ion Ratio Lower Upper
91 100
126 33.0 17.4 52.3

Manual Integrations
APPROVED

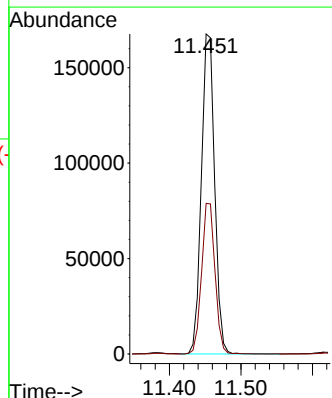
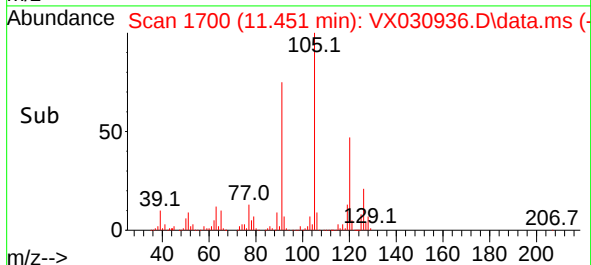
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

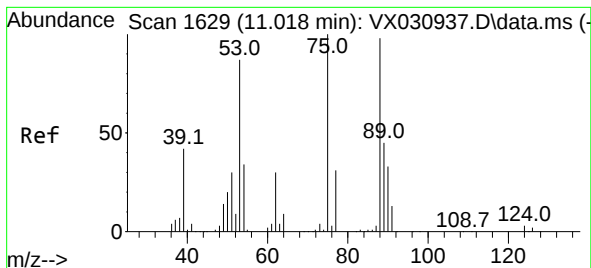


#80
1,3,5-Trimethylbenzene
Concen: 20.947 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



Tgt Ion:105 Resp: 216541
Ion Ratio Lower Upper
105 100
120 47.5 24.4 73.2





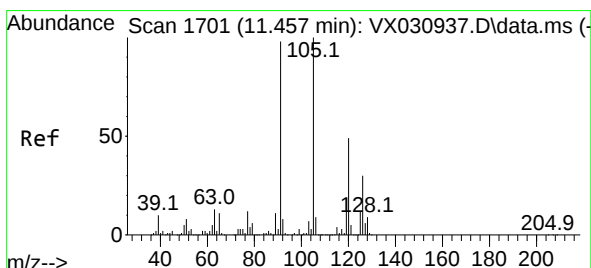
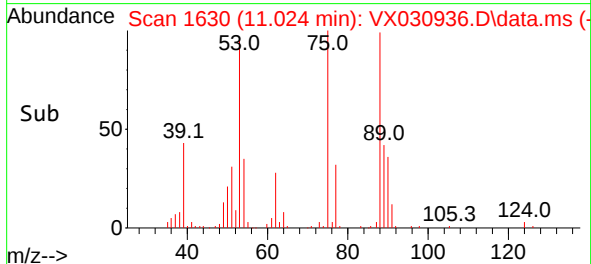
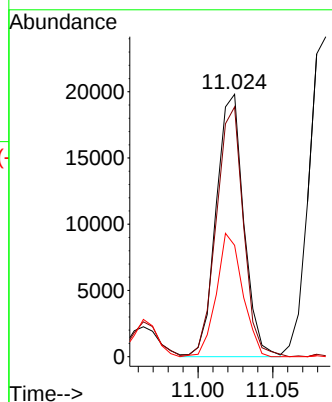
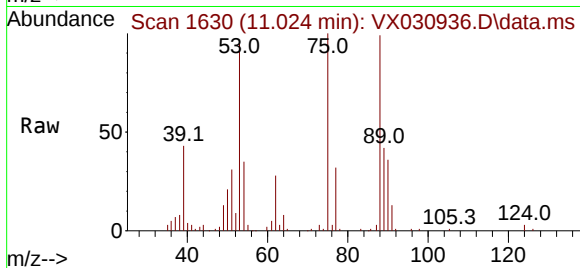
#81
trans-1,4-Dichloro-2-butene
Concen: 19.988 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2538
Ion Ratio Lower Upper
75 100
53 93.6 74.2 111.4
89 44.8 34.8 52.2

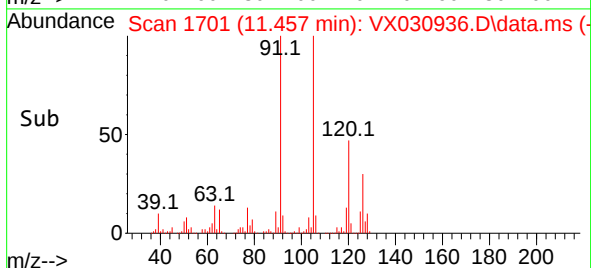
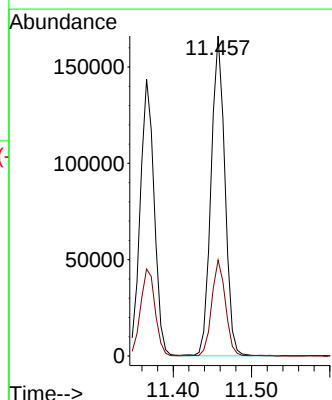
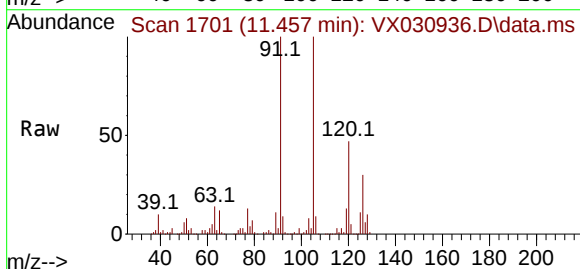
Manual Integrations
APPROVED

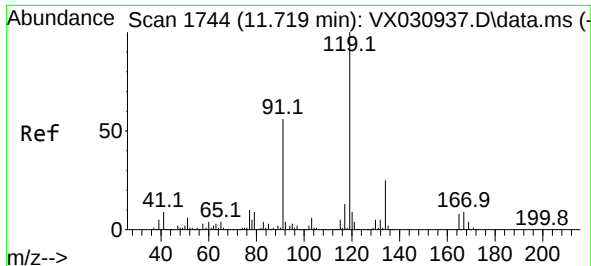
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#82
4-Chlorotoluene
Concen: 20.281 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

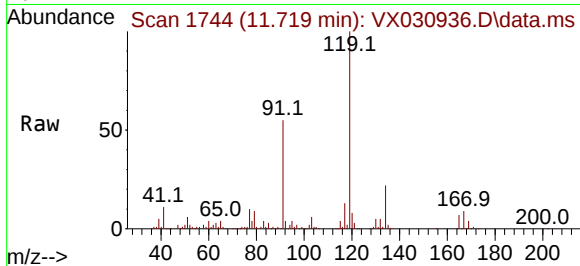
Tgt Ion: 91 Resp: 203115
Ion Ratio Lower Upper
91 100
126 29.9 15.3 45.9





#83
tert-Butylbenzene
Concen: 21.413 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

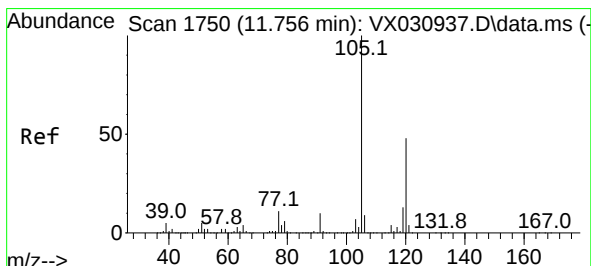
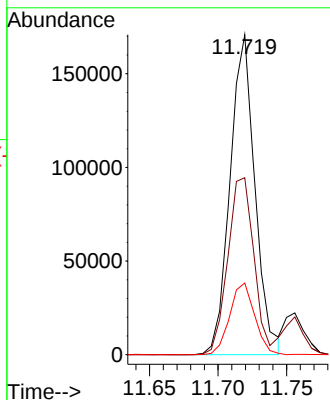
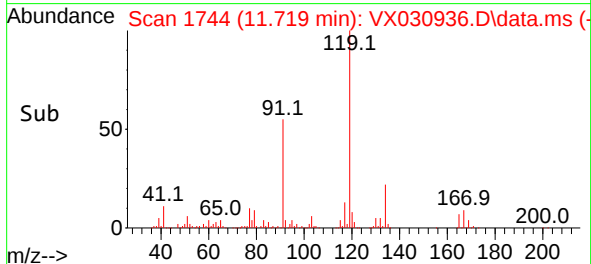
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



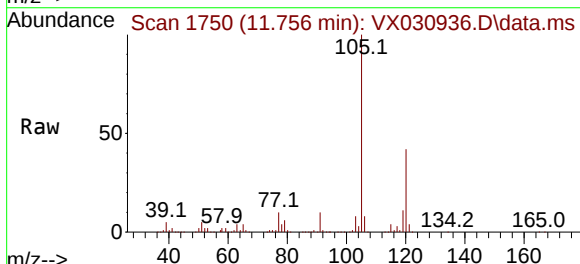
Tgt Ion:119 Resp: 216544
Ion Ratio Lower Upper
119 100
91 57.7 28.3 84.9
134 22.5 11.2 33.5

Manual Integrations
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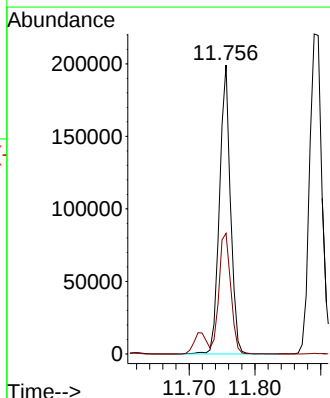
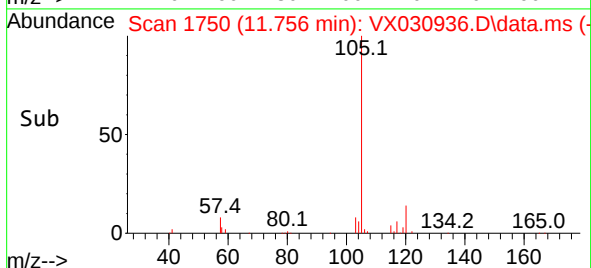
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

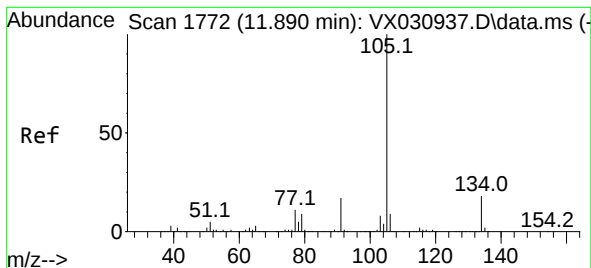


#84
1,2,4-Trimethylbenzene
Concen: 21.910 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



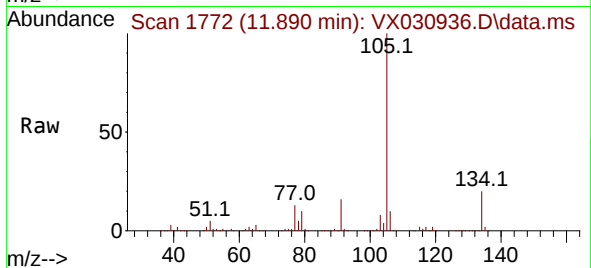
Tgt Ion:105 Resp: 230560
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 21.997 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030936.D
 Acq: 30 Aug 2022 13:07

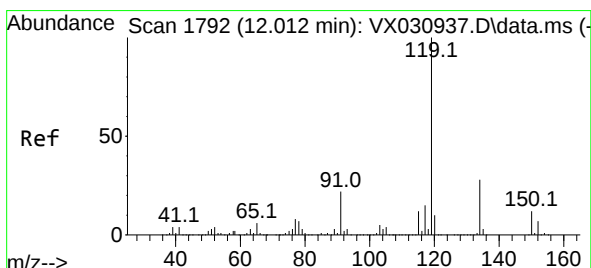
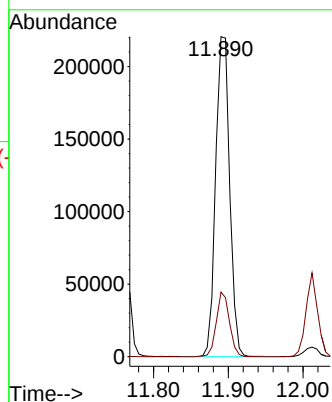
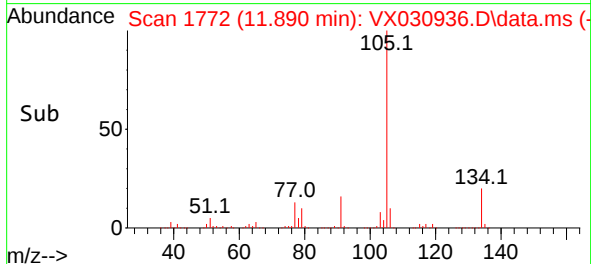
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



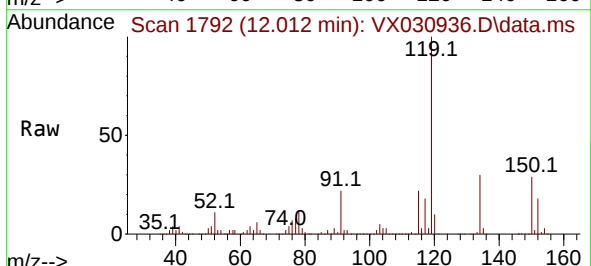
Tgt Ion:105 Resp: 28782
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.0 30.0

Manual Integrations
 APPROVED

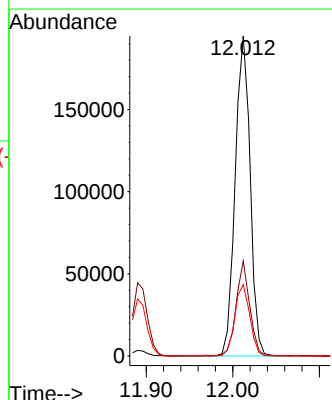
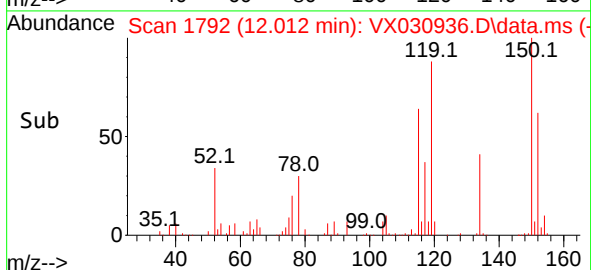
Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

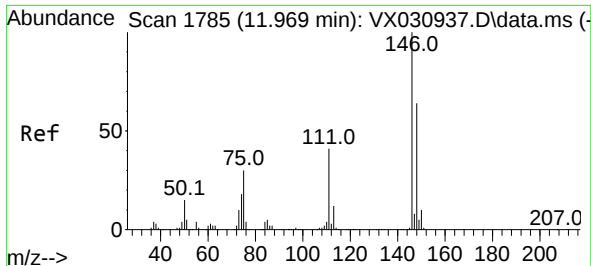


#86
 p-Isopropyltoluene
 Concen: 21.066 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030936.D
 Acq: 30 Aug 2022 13:07



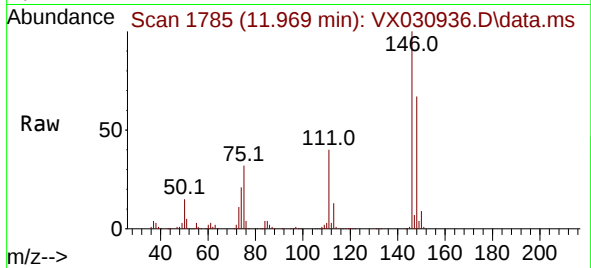
Tgt Ion:119 Resp: 233353
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.9 41.6
 91 22.4 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 20.554 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

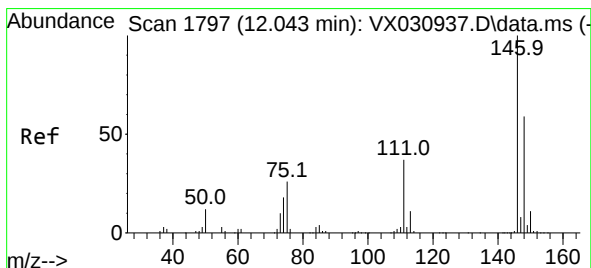
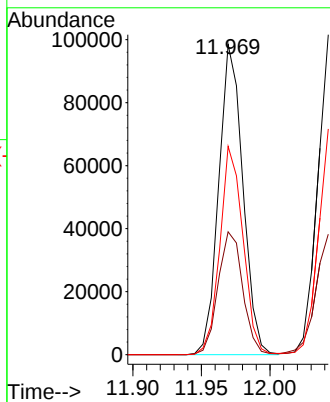
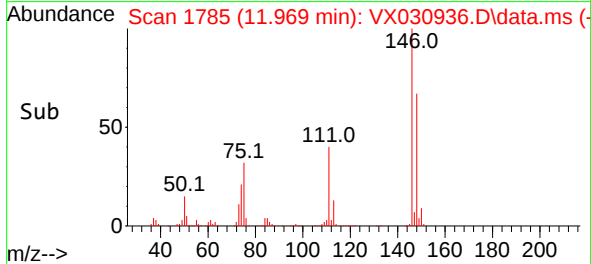
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



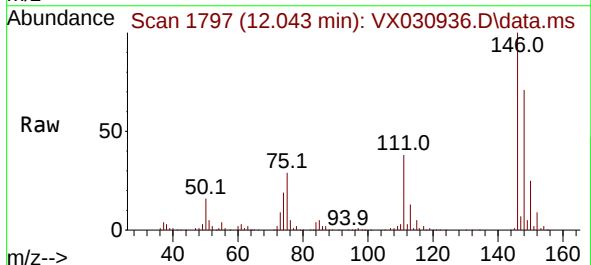
Tgt Ion:146 Resp: 12029
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 64.5 31.8 95.3

Manual Integrations
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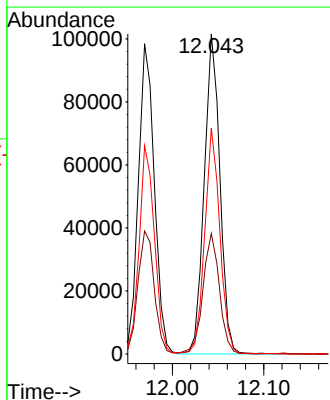
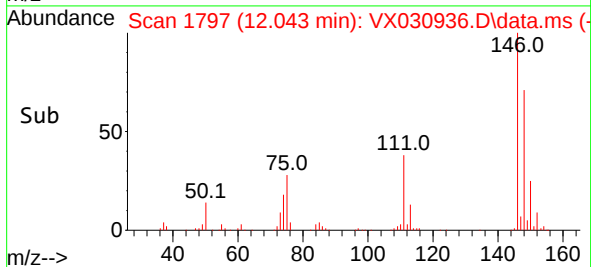
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

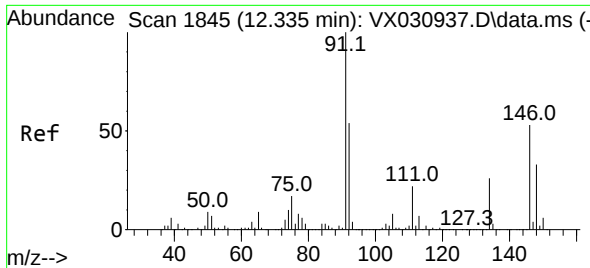


#88
1,4-Dichlorobenzene
Concen: 20.268 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



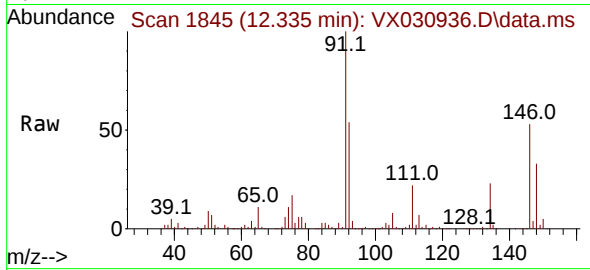
Tgt Ion:146 Resp: 120924
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 67.9 32.3 96.8





#89
n-Butylbenzene
Concen: 21.067 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

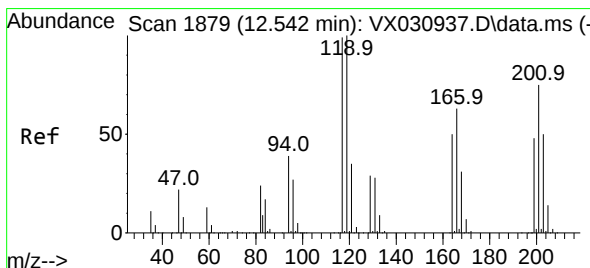
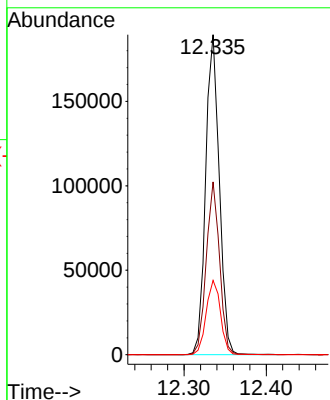
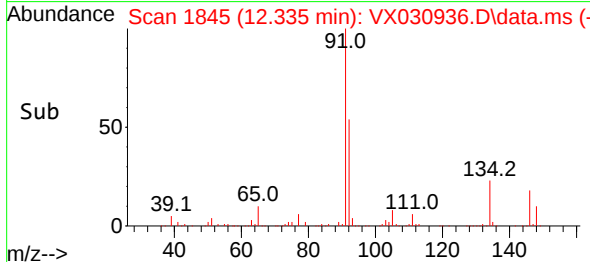
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 217815
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.4 12.6 37.8

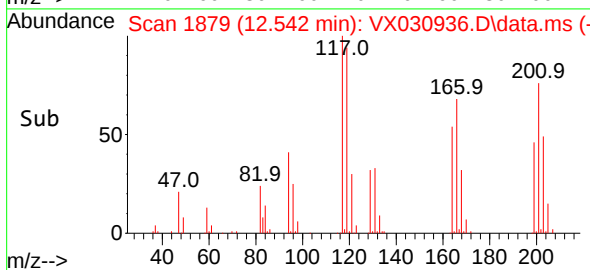
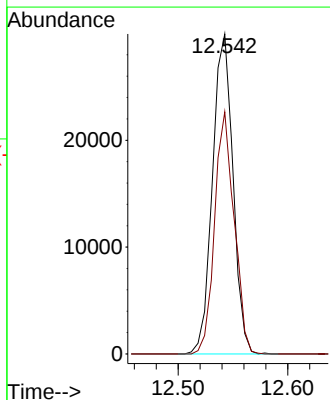
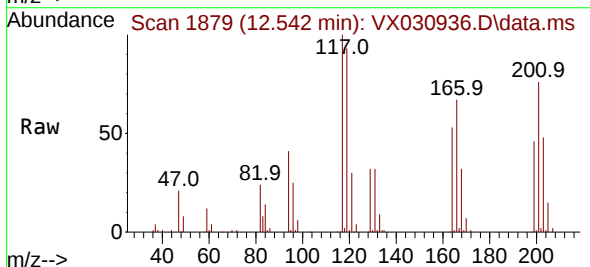
Manual Integrations
APPROVED

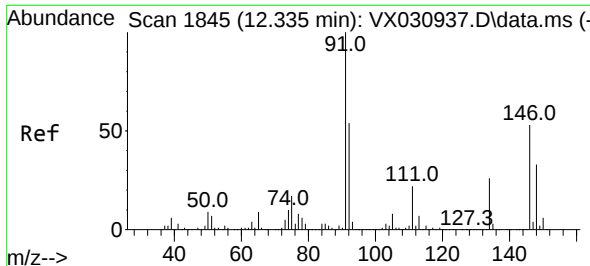
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#90
Hexachloroethane
Concen: 20.144 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

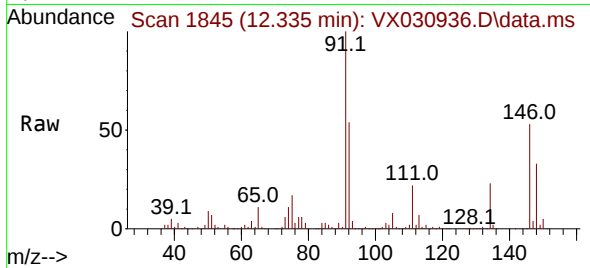
Tgt Ion:117 Resp: 38826
Ion Ratio Lower Upper
117 100
201 72.4 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 21.057 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

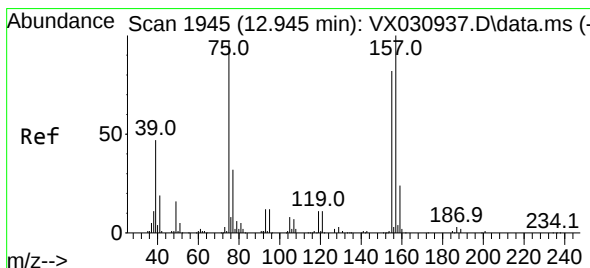
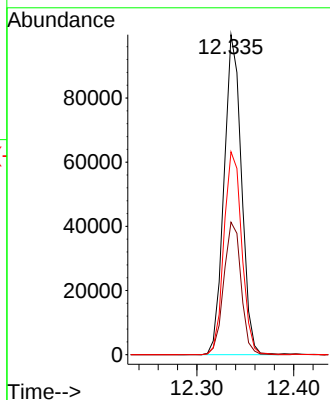
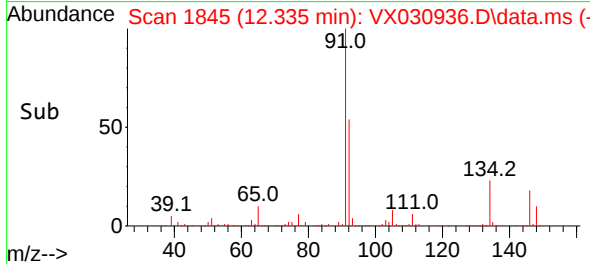
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 124580
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 65.0 32.0 96.2

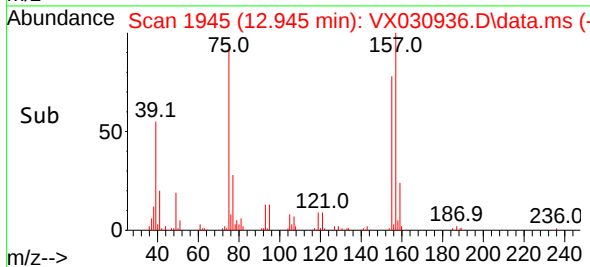
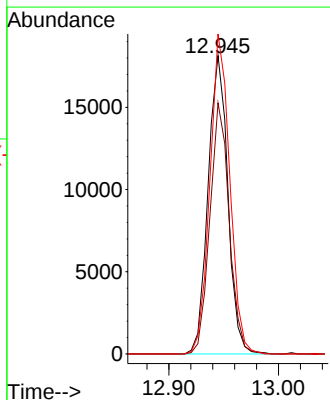
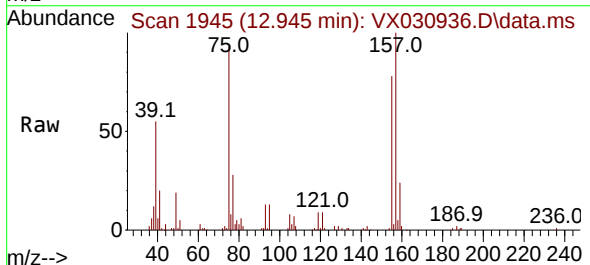
Manual Integrations
APPROVED

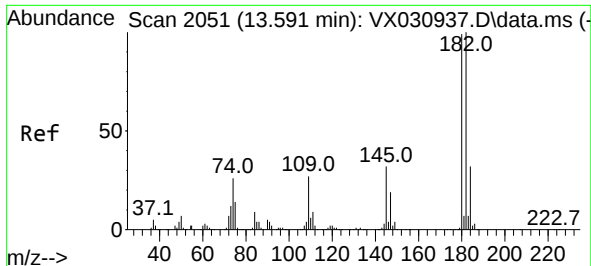
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.639 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

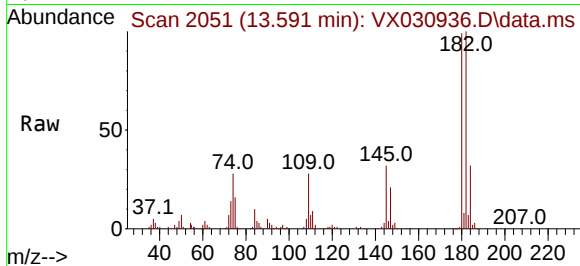
Tgt Ion: 75 Resp: 22650
Ion Ratio Lower Upper
75 100
155 82.4 45.0 134.8
157 108.3 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 20.858 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

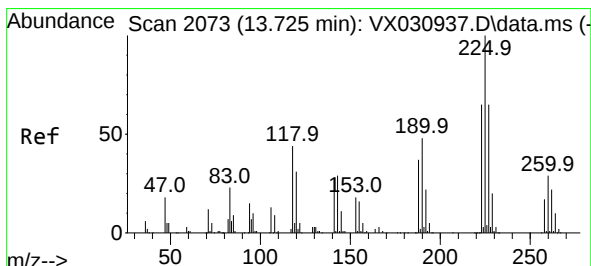
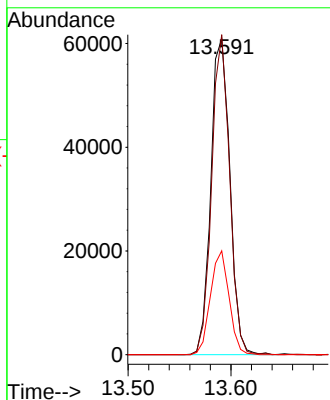
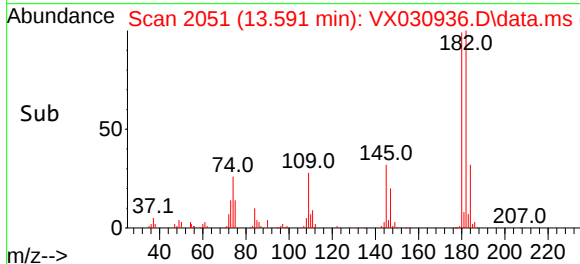
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



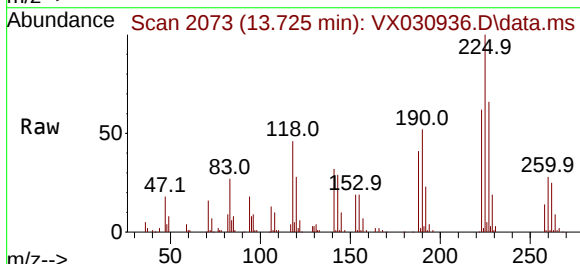
Tgt Ion:180 Resp: 78280
Ion Ratio Lower Upper
180 100
182 95.4 48.2 144.6
145 32.1 15.9 47.6

Manual Integrations
APPROVED

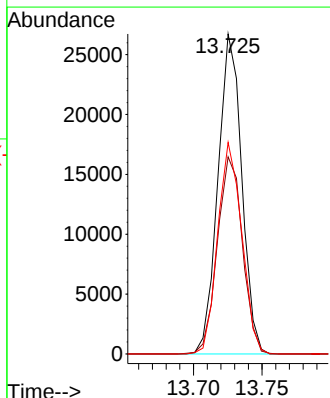
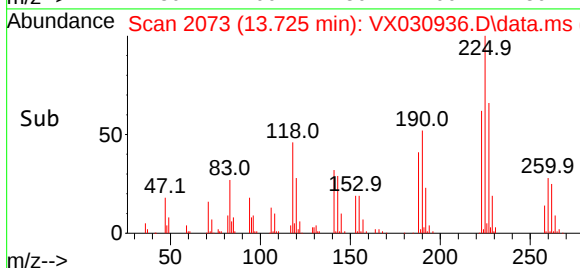
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

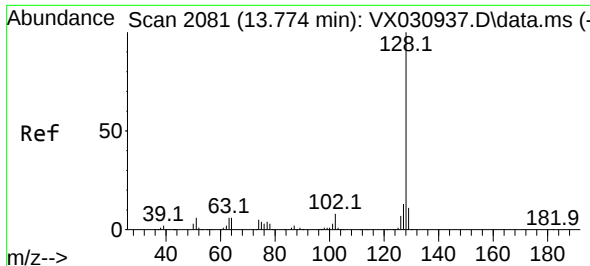


#94
Hexachlorobutadiene
Concen: 20.071 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07



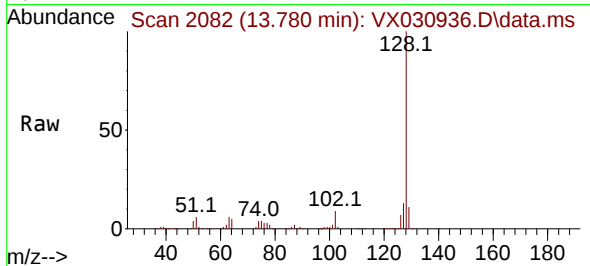
Tgt Ion:225 Resp: 32213
Ion Ratio Lower Upper
225 100
223 64.9 30.6 91.6
227 66.9 31.9 95.9





#95
Naphthalene
Concen: 22.069 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

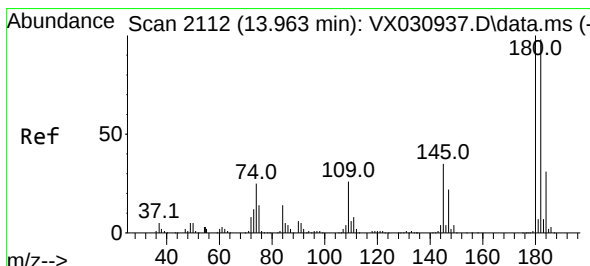
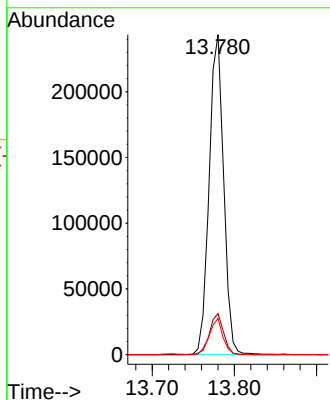
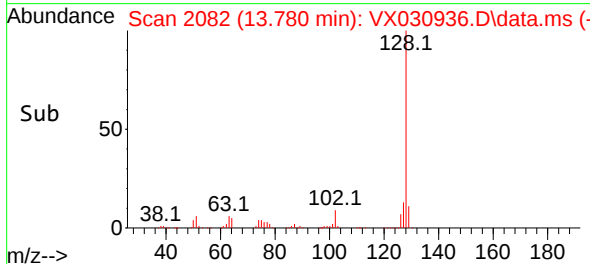
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 298410
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.434 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030936.D
Acq: 30 Aug 2022 13:07

Tgt Ion:180 Resp: 82263
Ion Ratio Lower Upper
180 100
182 91.3 47.0 141.0
145 33.1 17.0 50.9

