

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037936.D
 Acq On : 27 Sep 2023 20:45
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092723

Quant Time: Sep 28 06:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

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

Internal Standards						
1) Bromochloromethane	4.904	128	45984	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	255488	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	244571	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	98375	29.678	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.933%		
60) 4-Bromofluorobenzene	11.079	95	118015	29.600	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.667%		
63) Toluene-d8	8.647	98	316478	29.976	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.933%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49157	20.392	ug/l	98
3) Chloromethane	1.295	50	53715	20.807	ug/l	100
4) Vinyl Chloride	1.374	62	59564	20.610	ug/l	100
5) Bromomethane	1.612	94	45492	20.433	ug/l	99
6) Chloroethane	1.691	64	38323	19.752	ug/l	95
7) Trichlorofluoromethane	1.892	101	97292	20.395	ug/l	99
8) Diethyl Ether	2.136	74	36642	20.820	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	49324	20.280	ug/l	98
10) 1,1-Dichloroethene	2.319	96	48878	20.530	ug/l	93
11) Methyl Iodide	2.453	142	68440	21.240	ug/l	99
12) Methyl Acetate	2.703	43	99727	20.608	ug/l	99
13) Acrolein	2.233	56	52443	93.912	ug/l	96
14) Acrylonitrile	3.063	53	135873	101.694	ug/l	97
15) Acetone	2.374	58	39377	101.888	ug/l	91
16) Carbon Disulfide	2.514	76	120879	20.807	ug/l	97
17) Allyl chloride	2.666	41	74358	20.401	ug/l	95
18) Methylene Chloride	2.794	84	57291	20.078	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	55425	20.655	ug/l	98
20) Diisopropyl ether	3.757	45	162151	20.838	ug/l #	85
21) 1,1-Dichloroethane	3.611	63	96656	20.559	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	66643	20.917	ug/l	93
23) tert-Butyl Alcohol	2.953	59	55072	98.788	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	169760	20.601	ug/l	97
25) Chloroform	5.099	83	106453	20.589	ug/l	99
26) Cyclohexane	5.471	56	80117	20.024	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	75262	20.379	ug/l	97
30) 2-Butanone	4.550	43	178941	100.959	ug/l	97
31) 2,2-Dichloropropane	4.477	77	73260	19.690	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	90417	20.431	ug/l	98
33) Carbon Tetrachloride	5.684	117	77775	20.530	ug/l	98
34) Benzene	6.038	78	228738	20.733	ug/l	95
35) Methacrylonitrile	4.922	41	36992	19.852	ug/l	94
36) 1,2-Dichloroethane	6.092	62	82227	21.069	ug/l	99
37) Trichloroethene	7.129	130	64139	21.074	ug/l	89
38) Methylcyclohexane	7.379	83	92967	20.027	ug/l	96
39) 1,2-Dichloropropane	7.434	63	58248	20.637	ug/l	96
40) Dibromomethane	7.586	93	43508	20.890	ug/l	98
41) Bromodichloromethane	7.824	83	76776	20.191	ug/l	99
42) Vinyl Acetate	3.721	43	581440	104.065	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	73365	20.938	ug/l	97
44) Isopropyl Acetate	6.342	43	118985	20.526	ug/l	96
45) 1,4-Dioxane	7.659	88	28113	420.866	ug/l #	1
46) Methyl methacrylate	7.696	41	56531	20.516	ug/l	93
47) n-amyl Acetate	10.842	43	108258	19.850	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	81332	19.689	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	90924	20.496	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	61824	20.772	ug/l	97
51) Ethyl methacrylate	9.116	69	89086	20.314	ug/l	97
52) 1,3-Dichloropropane	9.311	76	99585	20.858	ug/l	98
53) Dibromochloromethane	9.519	129	61744	20.129	ug/l	100
54) 1,2-Dibromoethane	9.610	107	66654	20.638	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	217262	101.630	ug/l	98
56) Bromoform	10.799	173	43982	19.064	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	371317	103.713	ug/l	96
59) 2-Hexanone	9.433	43	279464	102.785	ug/l	97
61) Tetrachloroethene	9.275	164	54314	20.868	ug/l	98
62) Toluene	8.720	91	263467	20.767	ug/l	98
64) Chlorobenzene	10.080	112	166909	21.090	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	59308	20.645	ug/l	99
66) Ethyl Benzene	10.195	91	291006	20.784	ug/l	98
67) m/p-Xylenes	10.299	106	228171	41.367	ug/l	99
68) o-Xylene	10.640	106	112696	21.099	ug/l	100
69) Styrene	10.653	104	184657	20.607	ug/l	98
70) Isopropylbenzene	10.964	105	294411	20.769	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	94896	20.312	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	84057m	20.491	ug/l	
73) Bromobenzene	11.195	156	74502	20.721	ug/l	91
74) n-propylbenzene	11.305	91	348130	20.557	ug/l	100
75) 2-Chlorotoluene	11.366	91	204324	20.609	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	251803	20.599	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	23925	18.415	ug/l	95
78) 4-Chlorotoluene	11.451	91	238819	20.534	ug/l	98
79) tert-butylbenzene	11.713	119	245174	20.378	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	251378	20.686	ug/l	98
81) sec-Butylbenzene	11.890	105	315834	20.413	ug/l	99
82) p-Isopropyltoluene	12.006	119	262573	20.213	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	142472	20.508	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	146372	20.792	ug/l	99
85) n-Butylbenzene	12.329	91	242979	19.992	ug/l	100
86) Hexachloroethane	12.536	117	40554	19.162	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	140399	20.512	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	18805	20.208	ug/l	88
89) 1,2,4-Trichlorobenzene	13.585	180	95928	20.599	ug/l	98
90) Hexachlorobutadiene	13.725	225	40849	19.966	ug/l	97
91) Naphthalene	13.774	128	293171	20.757	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	93992	20.731	ug/l	100

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

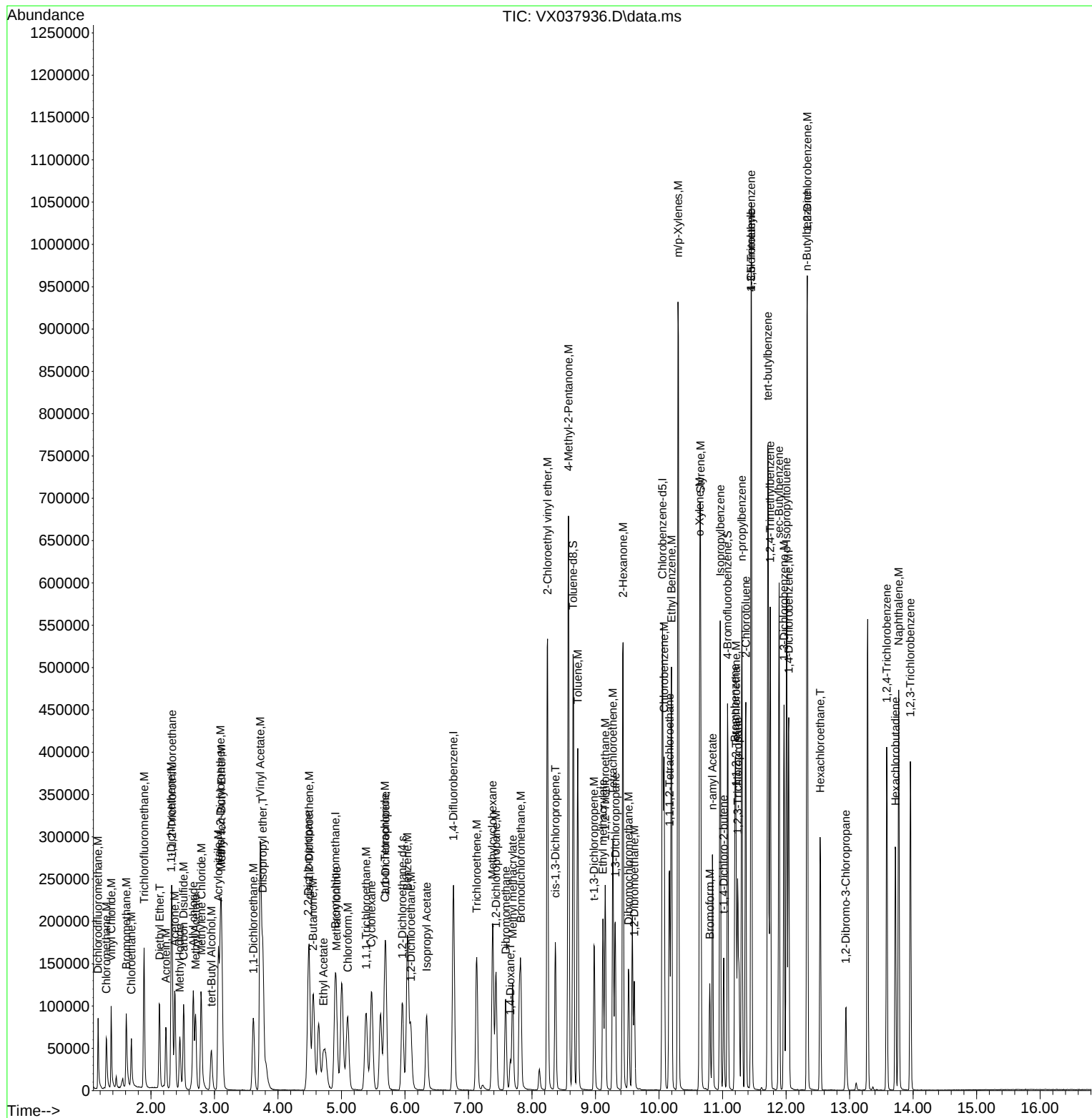
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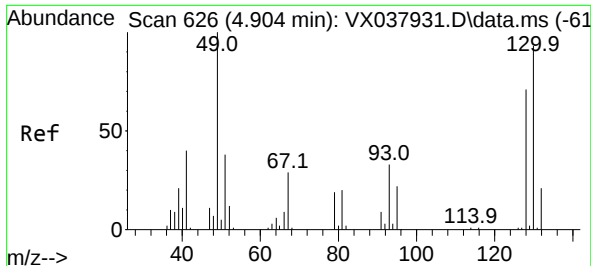
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 09/28/2023

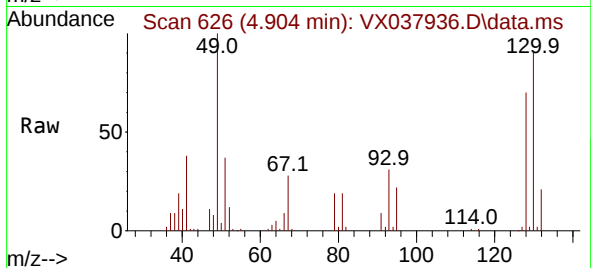
Quant Time: Sep 28 06:12:05 2023
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QLast Update : Thu Sep 28 06:08:32 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

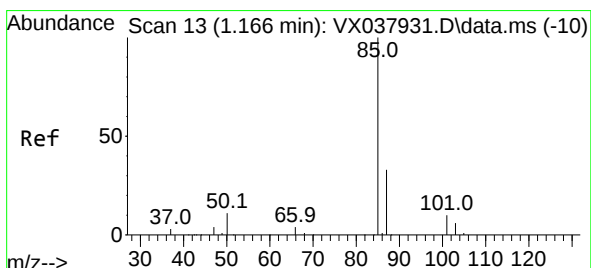
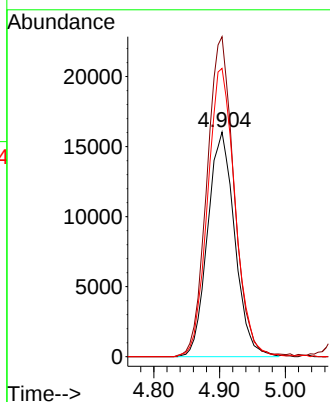
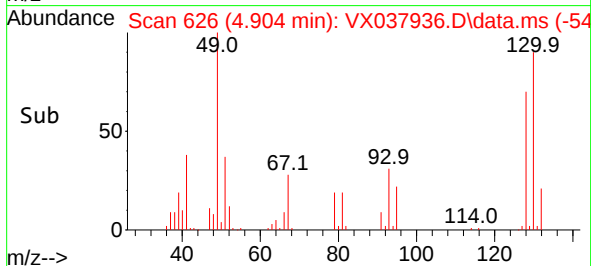
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



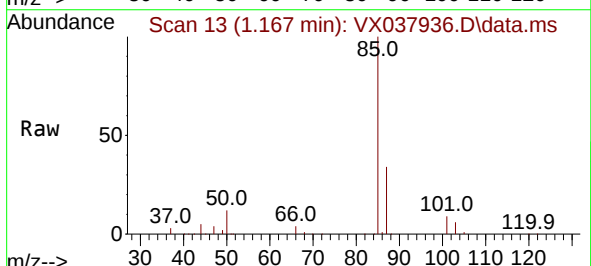
Tgt Ion:128 Resp: 45984
Ion Ratio Lower Upper
128 100
49 142.8 0.0 406.3
130 129.8 0.0 328.0

Manual Integrations
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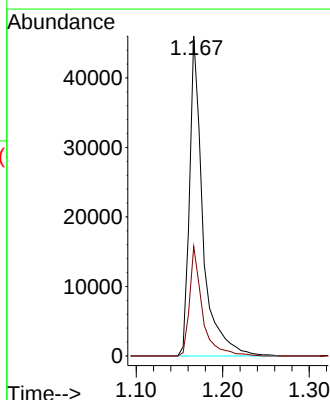
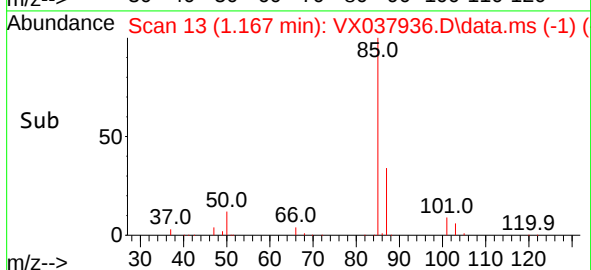
Reviewed By :John Carlone 09/28/2023
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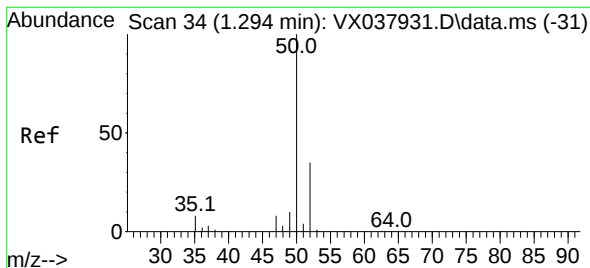


#2
Dichlorodifluoromethane
Concen: 20.392 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion: 85 Resp: 49157
Ion Ratio Lower Upper
85 100
87 34.2 16.4 49.4





#3

Chloromethane

Concen: 20.807 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX092723

Tgt Ion: 50 Resp: 5371

Ion Ratio Lower Upper

50 100

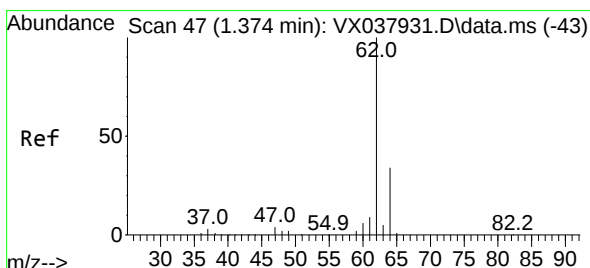
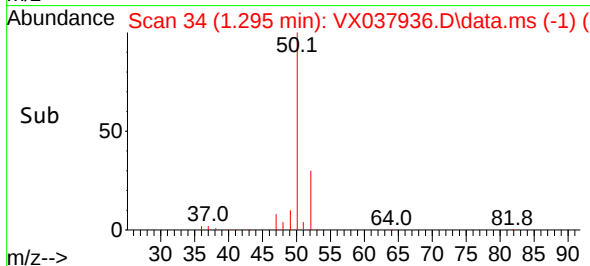
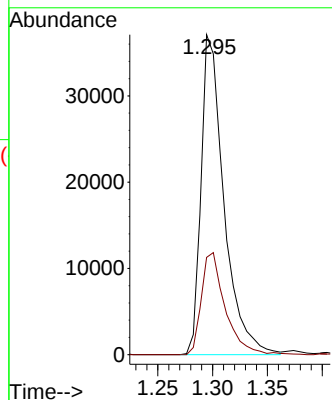
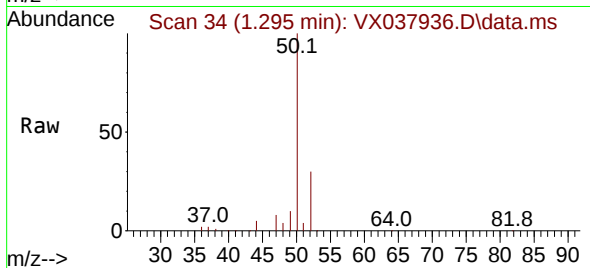
52 30.4 24.5 36.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.610 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037936.D

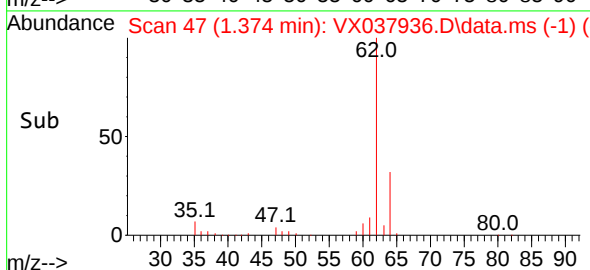
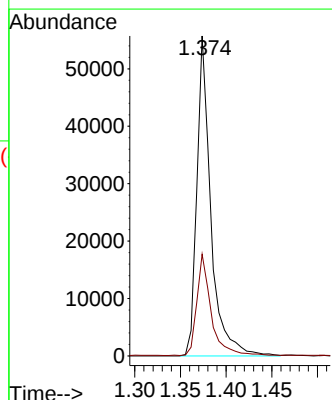
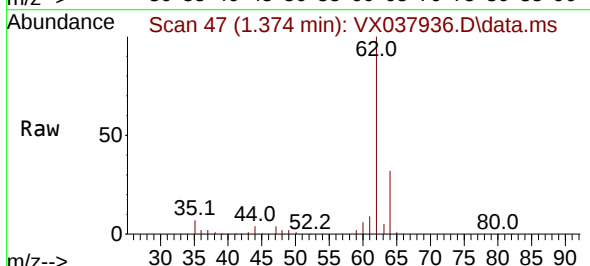
Acq: 27 Sep 2023 20:45

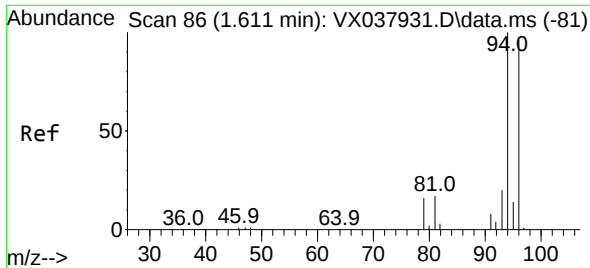
Tgt Ion: 62 Resp: 59564

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





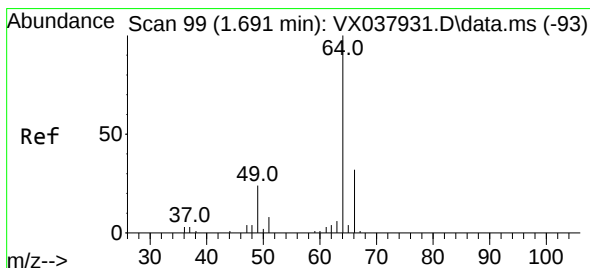
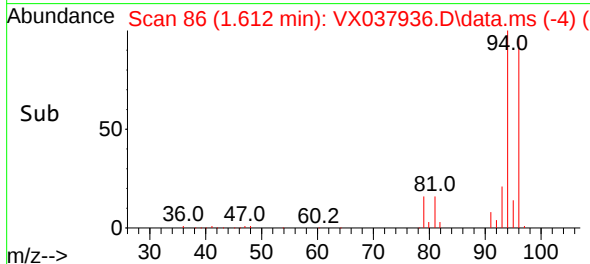
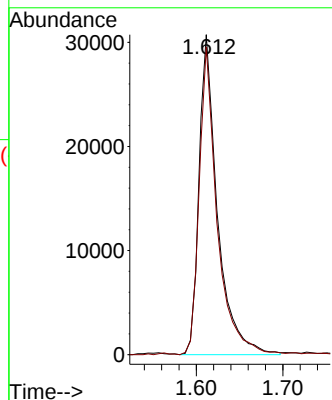
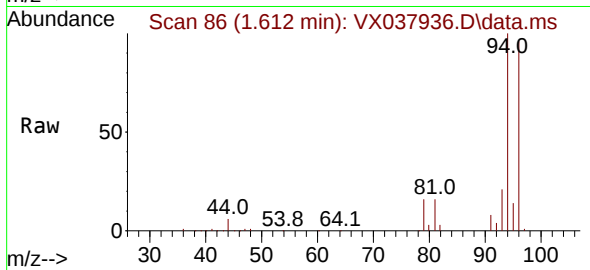
#5
Bromomethane
Concen: 20.433 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 45492
Ion Ratio Lower Upper
94 100
96 96.2 77.4 116.2

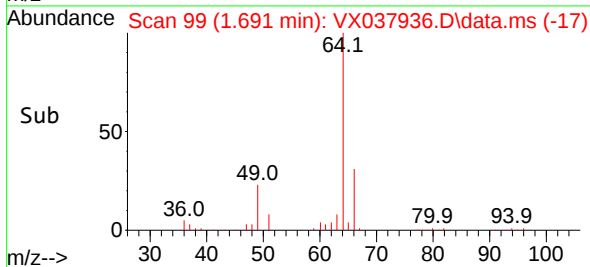
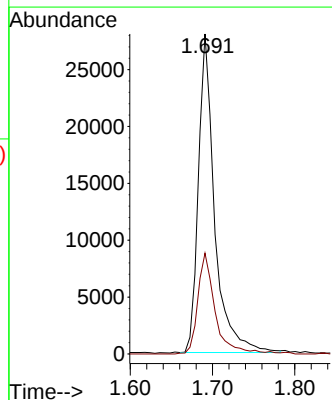
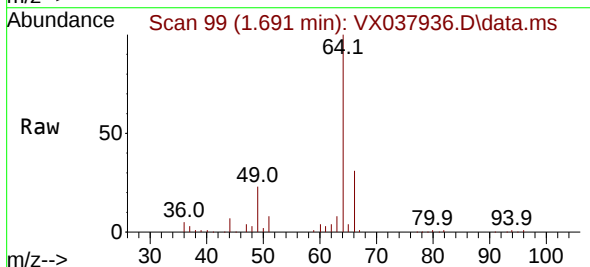
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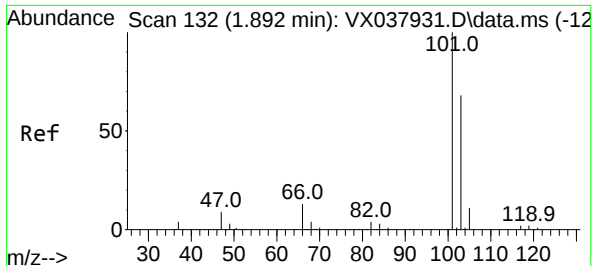
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#6
Chloroethane
Concen: 19.752 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

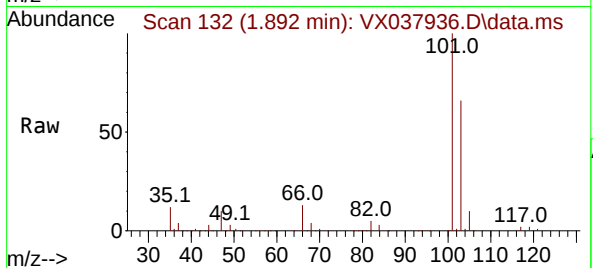
Tgt Ion: 64 Resp: 38323
Ion Ratio Lower Upper
64 100
66 31.4 23.1 34.7





#7
Trichlorofluoromethane
Concen: 20.395 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

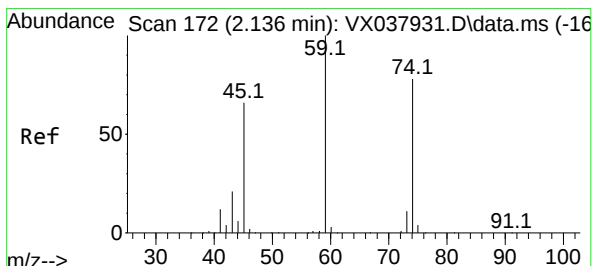
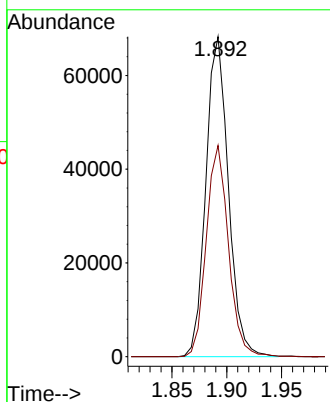
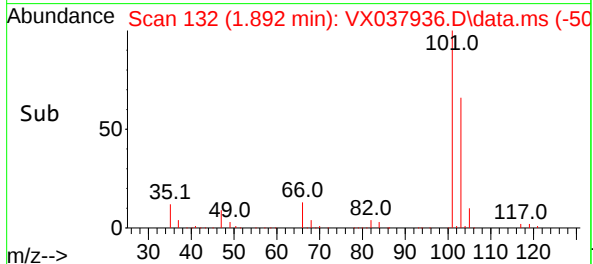
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MSVOA_X
ClientSampleId :
ICVVX092723



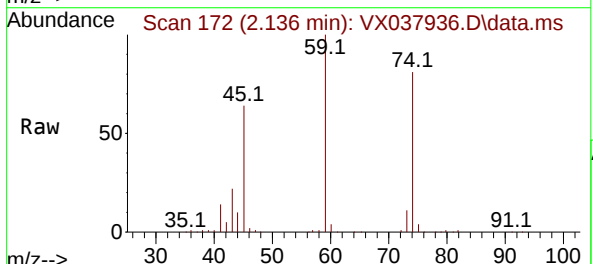
Tgt Ion:101 Resp: 97292
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.2

Manual Integrations
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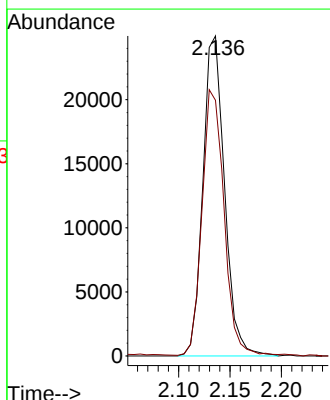
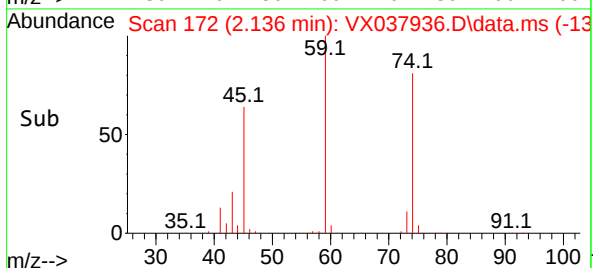
Reviewed By :John Carlone 09/28/2023
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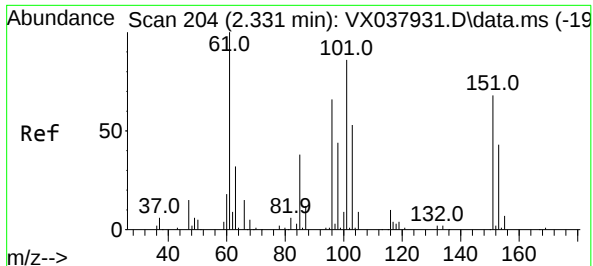


#8
Diethyl Ether
Concen: 20.820 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion: 74 Resp: 36642
Ion Ratio Lower Upper
74 100
45 84.9 19.9 178.9





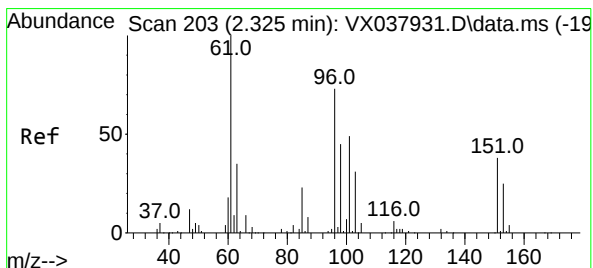
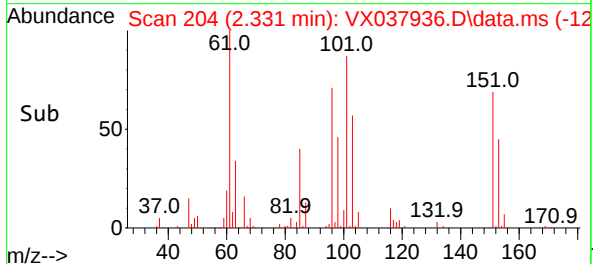
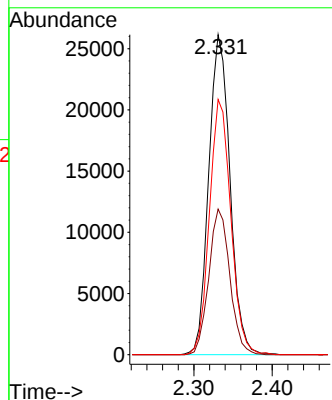
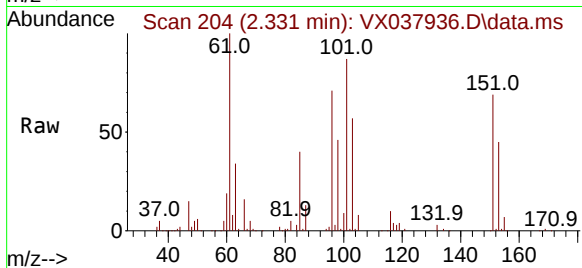
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1,1,2-Trichlorotrifluoroethane
Concen: 20.280 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723

Tgt Ion:101 Resp: 49324
Ion Ratio Lower Upper
101 100
85 45.0 0.0 91.0
151 80.3 0.0 155.4

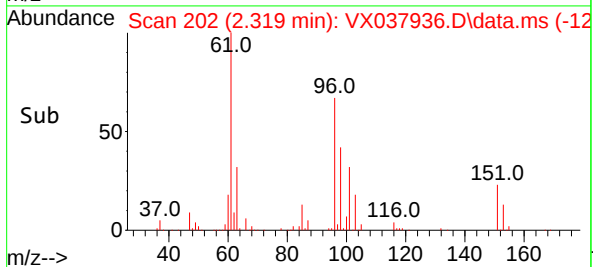
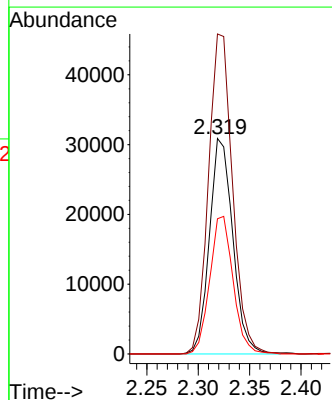
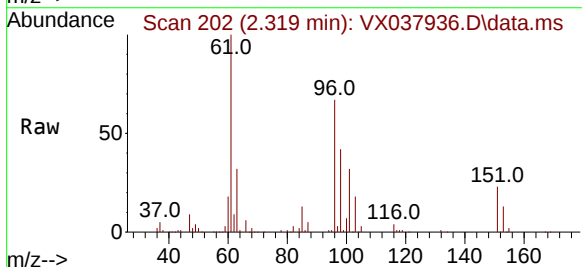
Manual Integrations
APPROVED

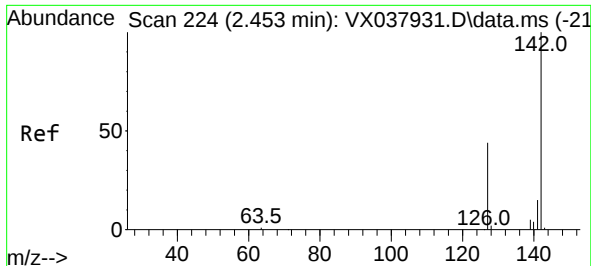
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
1,1-Dichloroethene
Concen: 20.530 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

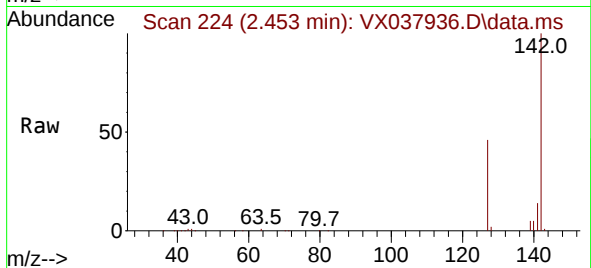
Tgt Ion: 96 Resp: 48878
Ion Ratio Lower Upper
96 100
61 148.5 127.2 190.8
98 62.7 52.7 79.1





#11
Methyl Iodide
Concen: 21.240 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

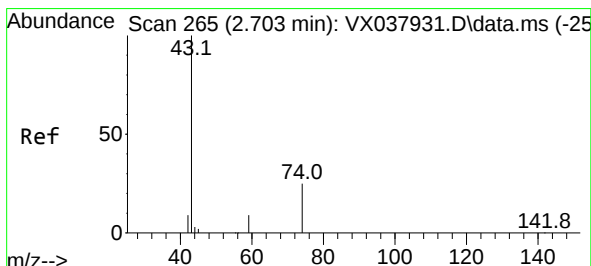
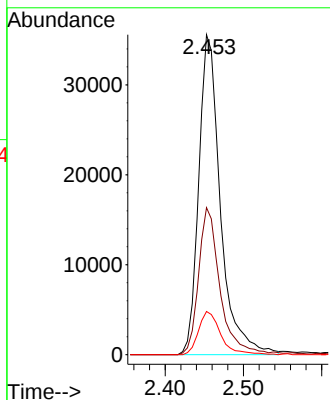
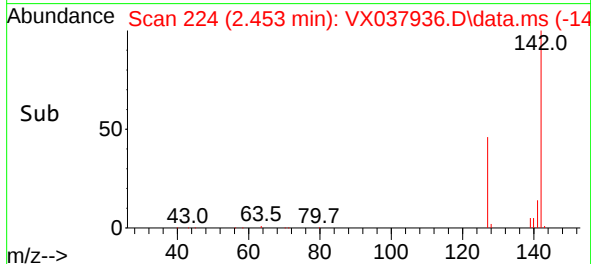
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion:142 Resp: 68440
Ion Ratio Lower Upper
142 100
127 45.8 22.9 68.8
141 13.6 7.5 22.6

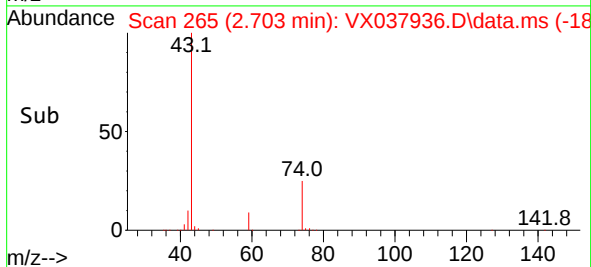
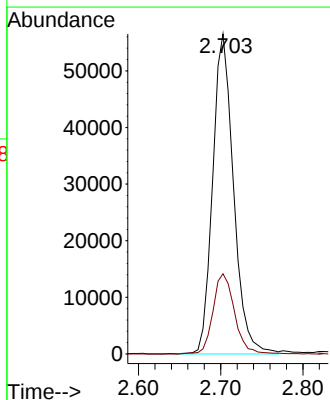
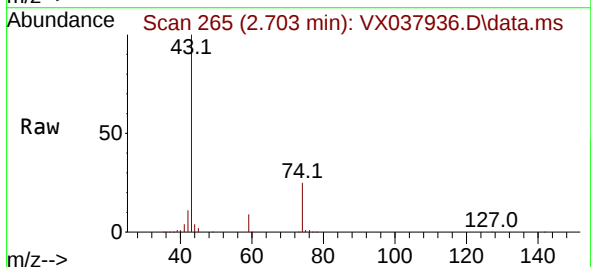
Manual Integrations
APPROVED

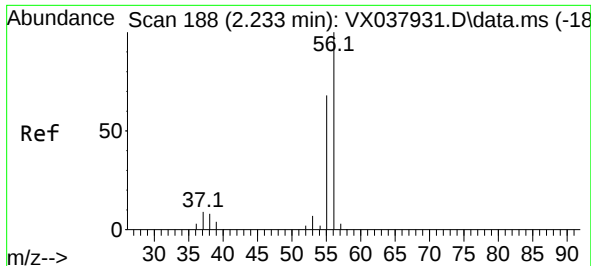
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 20.608 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

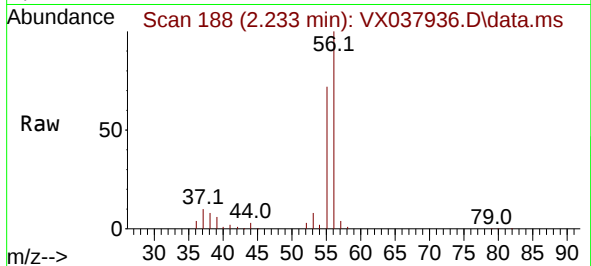
Tgt Ion: 43 Resp: 99727
Ion Ratio Lower Upper
43 100
74 25.0 20.3 30.5





#13
Acrolein
Concen: 93.912 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

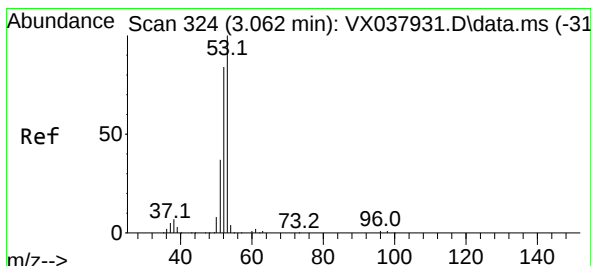
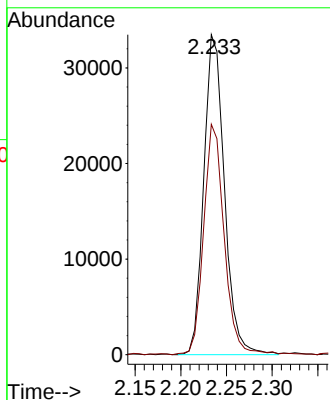
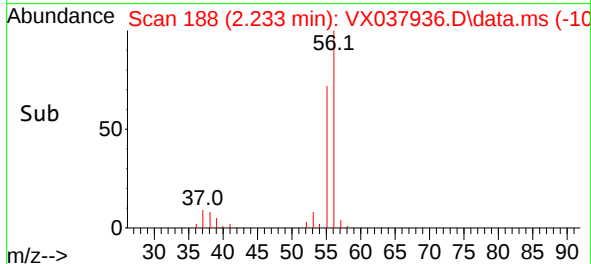
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



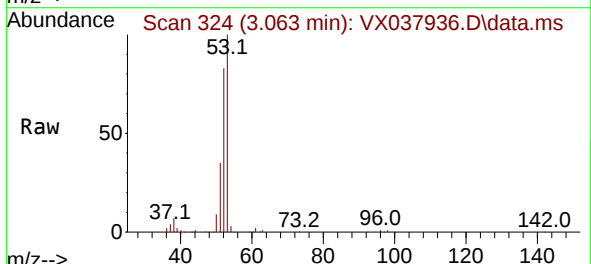
Tgt Ion: 56 Resp: 5244
Ion Ratio Lower Upper
56 100
55 71.3 59.7 89.5

Manual Integrations
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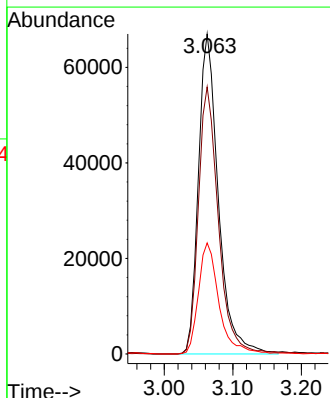
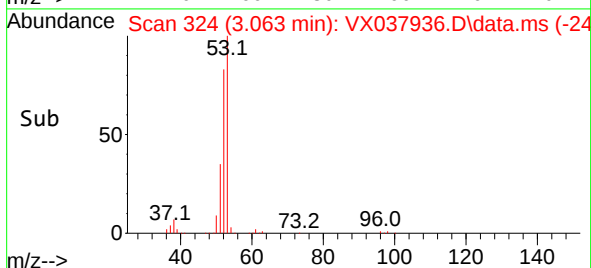
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

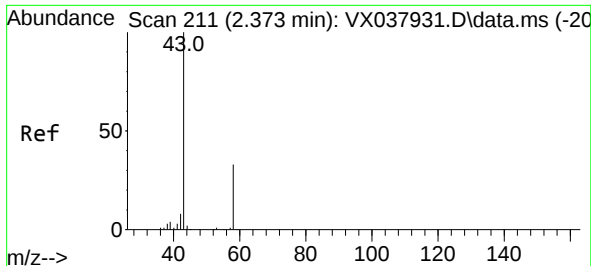


#14
Acrylonitrile
Concen: 101.694 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



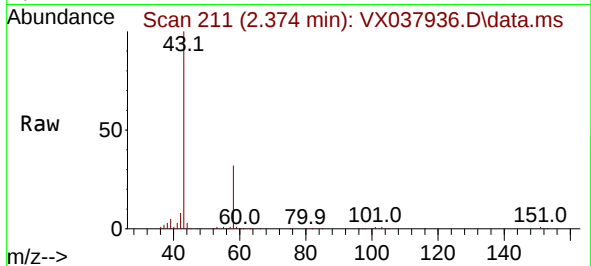
Tgt Ion: 53 Resp: 135873
Ion Ratio Lower Upper
53 100
52 83.3 40.0 119.9
51 35.7 18.2 54.6





#15
Acetone
Concen: 101.888 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

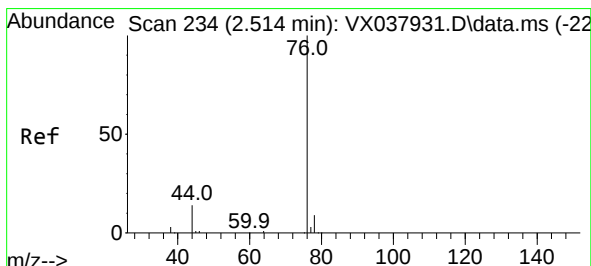
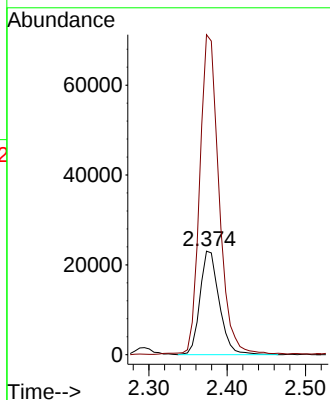
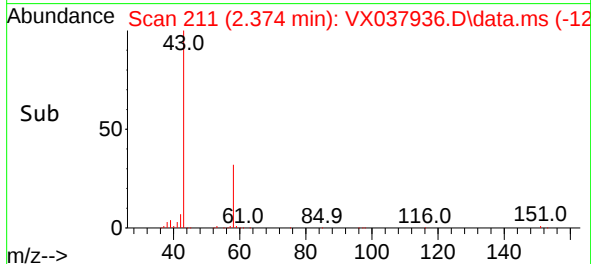
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 58 Resp: 3937
Ion Ratio Lower Upper
58 100
43 307.5 261.0 391.4

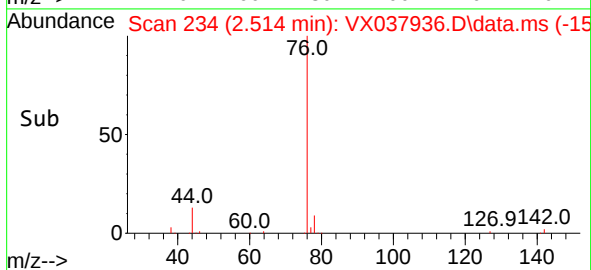
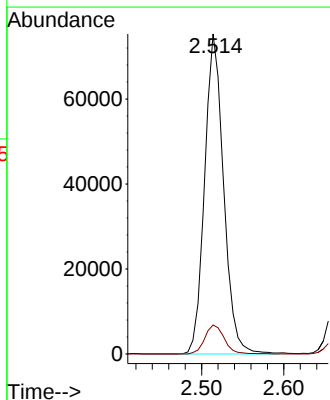
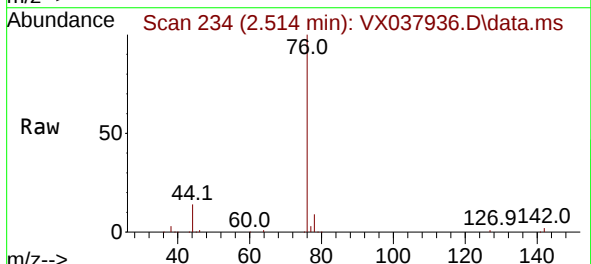
Manual Integrations
APPROVED

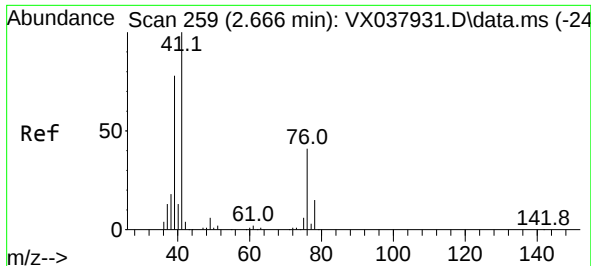
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#16
Carbon Disulfide
Concen: 20.807 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion: 76 Resp: 120879
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





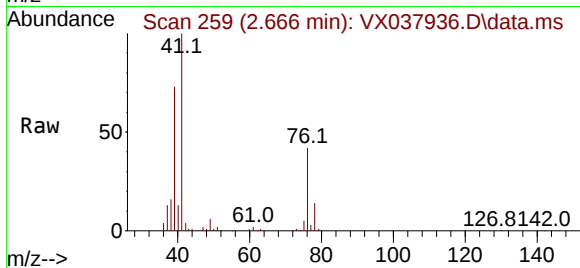
#17
 Allyl chloride
 Concen: 20.401 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX037936.D
 Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092723



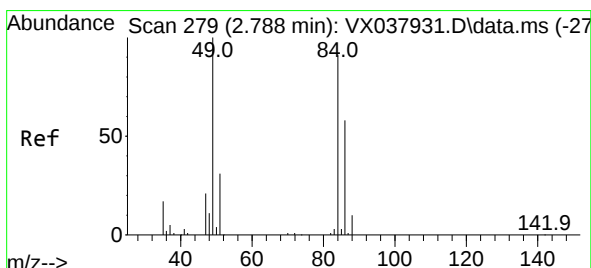
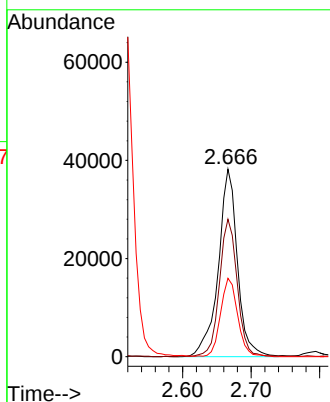
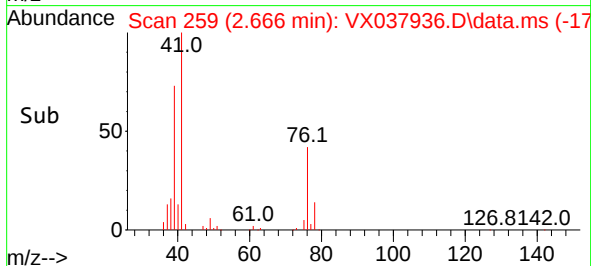
Tgt Ion: 41 Resp: 74358
 Ion Ratio Lower Upper
 41 100
 39 73.3 38.5 115.3
 76 41.8 18.6 55.8

Manual Integrations

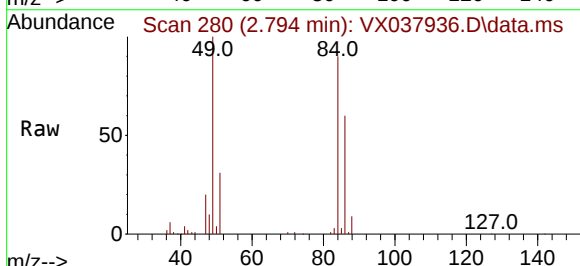
APPROVED

Reviewed By :John Carlone 09/28/2023

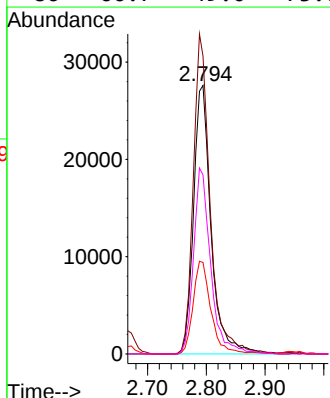
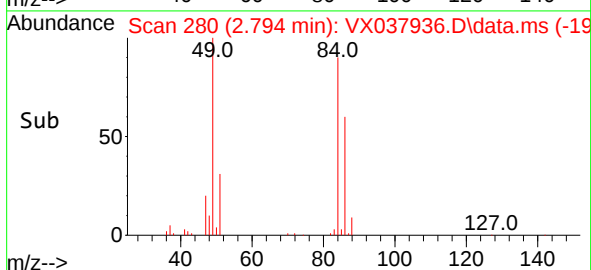
Supervised By :Semsettin Yesilyurt 09/28/2023

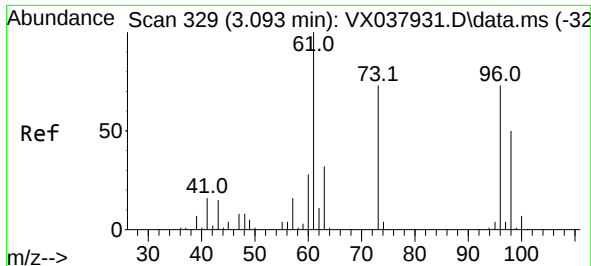


#18
 Methylene Chloride
 Concen: 20.078 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VX037936.D
 Acq: 27 Sep 2023 20:45



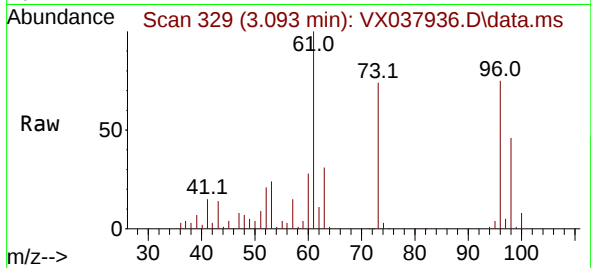
Tgt Ion: 84 Resp: 57291
 Ion Ratio Lower Upper
 84 100
 49 110.6 95.4 143.0
 51 34.1 28.3 42.5
 86 66.7 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 20.655 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

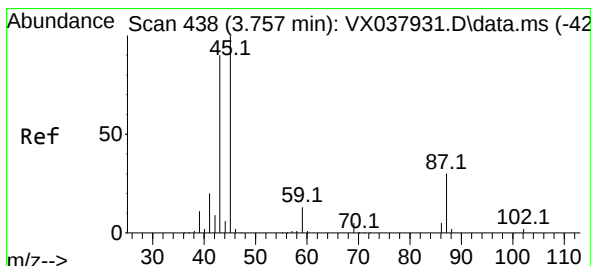
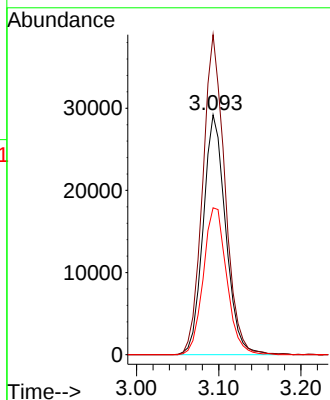
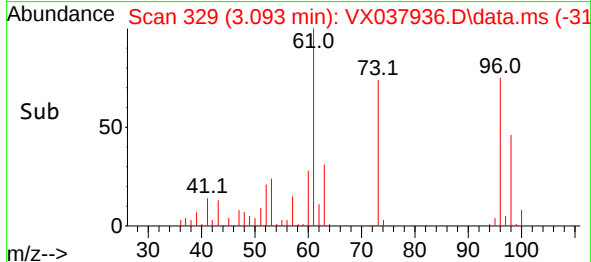
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



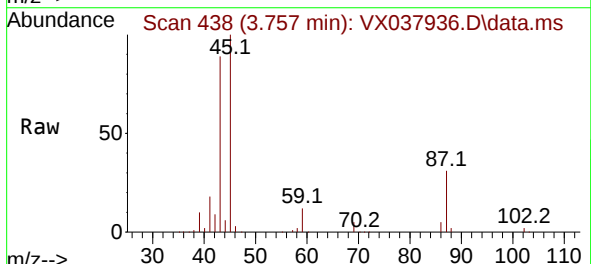
Tgt Ion: 96 Resp: 55429
Ion Ratio Lower Upper
96 100
61 133.3 108.7 163.1
98 61.3 49.1 73.7

Manual Integrations
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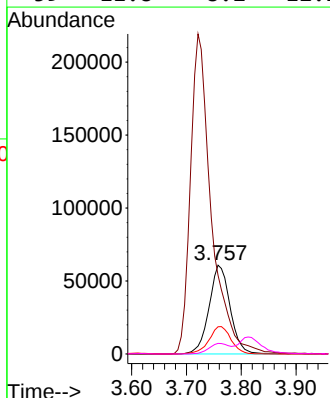
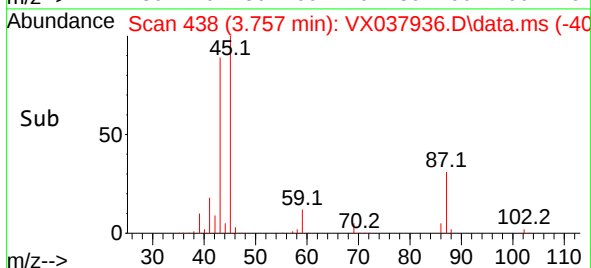
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

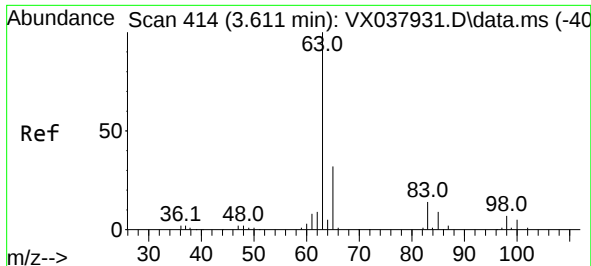


#20
Diisopropyl ether
Concen: 20.838 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion: 45 Resp: 162151
Ion Ratio Lower Upper
45 100
43 87.1 55.8 83.6#
87 30.7 23.0 34.4
59 11.8 8.2 12.2





#21

1,1-Dichloroethane

Concen: 20.559 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092723

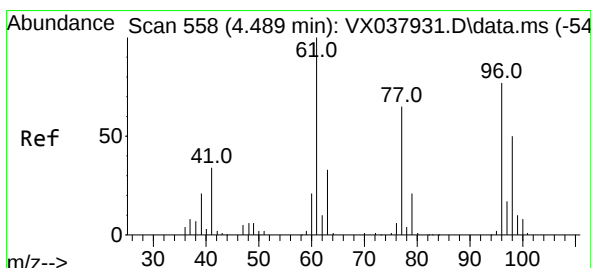
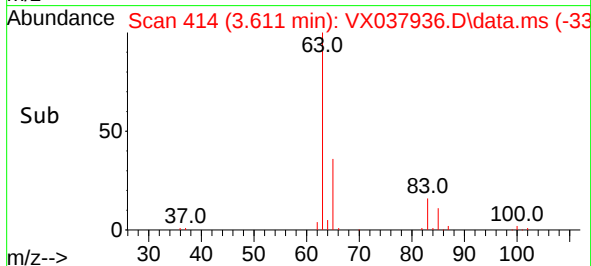
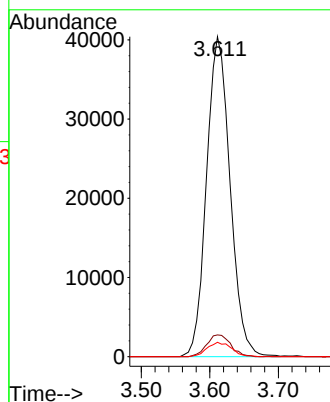
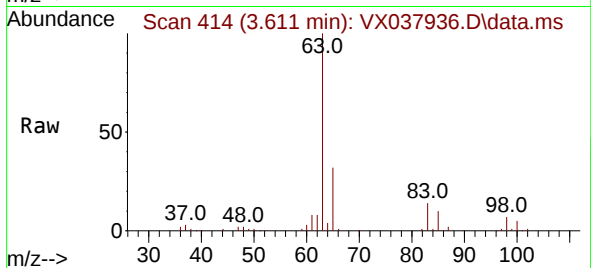
Tgt Ion:	63	Resp:	96650
Ion Ratio	Lower	Upper	
63	100		
98	6.8	3.2	9.6
100	4.5	2.3	6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#22

cis-1,2-Dichloroethene

Concen: 20.917 ug/l

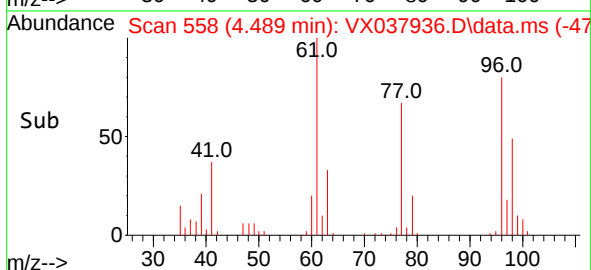
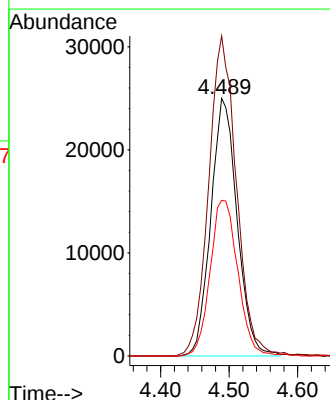
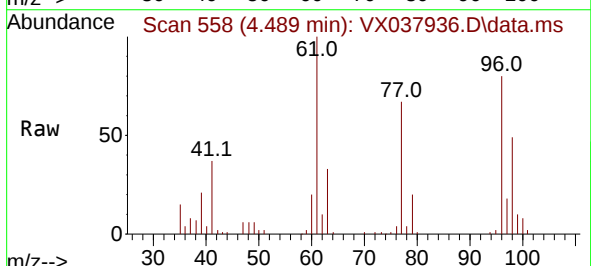
RT: 4.489 min Scan# 558

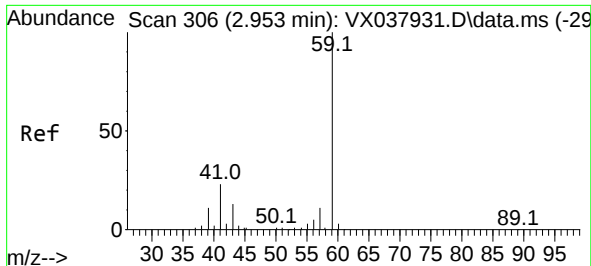
Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

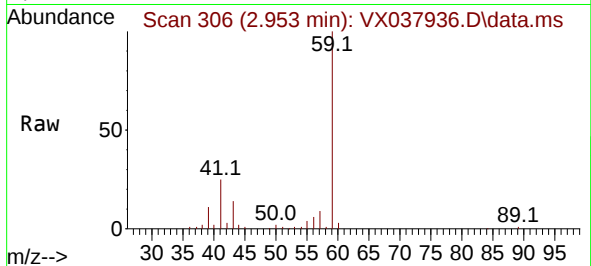
Tgt Ion:	96	Resp:	66643
Ion Ratio	Lower	Upper	
96	100		
61	130.7	114.0	171.0
98	63.3	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 98.788 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

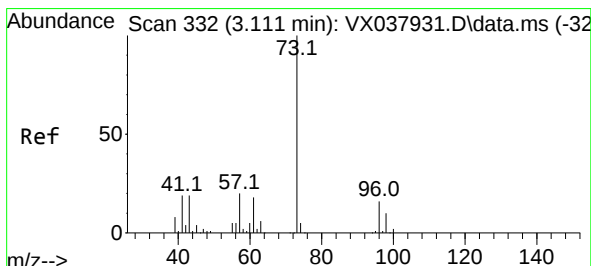
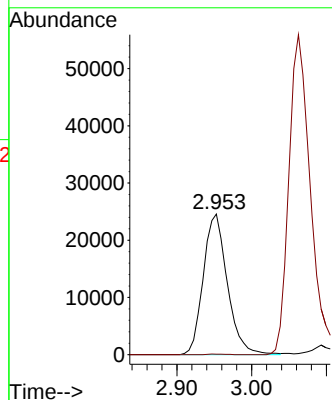
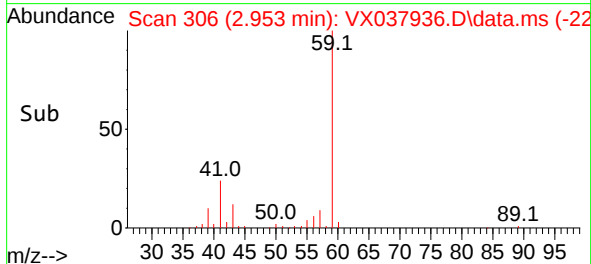
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 59 Resp: 55072
Ion Ratio Lower Upper
59 100
52 0.3 142.6 213.8

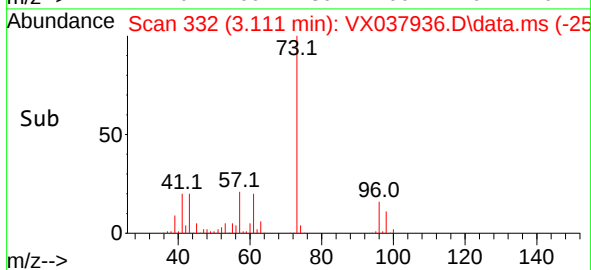
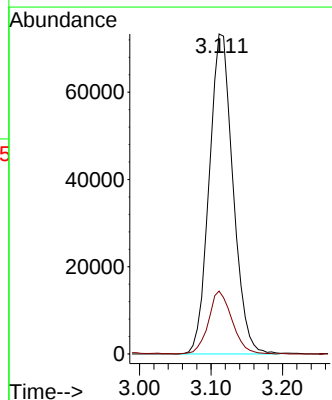
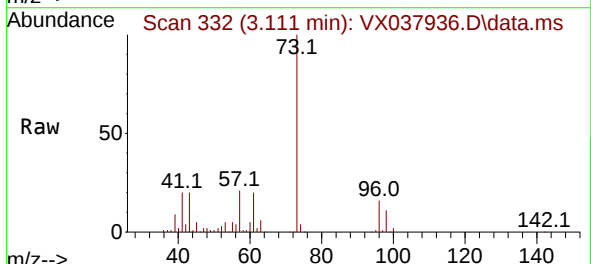
Manual Integrations
APPROVED

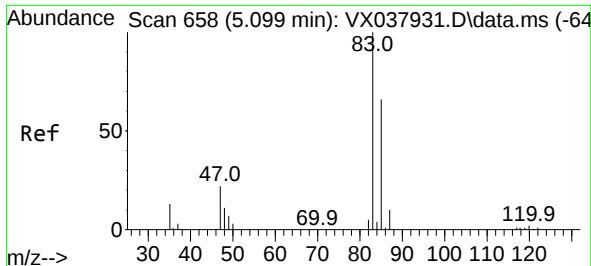
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 20.601 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion: 73 Resp: 169760
Ion Ratio Lower Upper
73 100
43 19.5 16.8 25.2





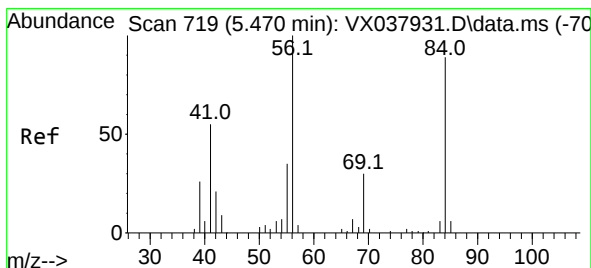
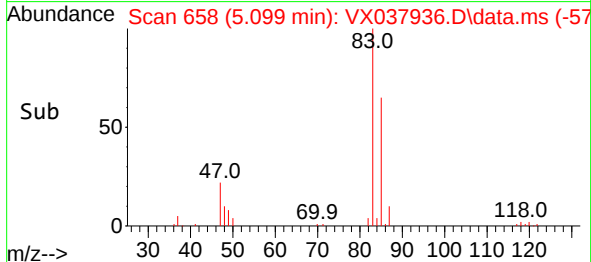
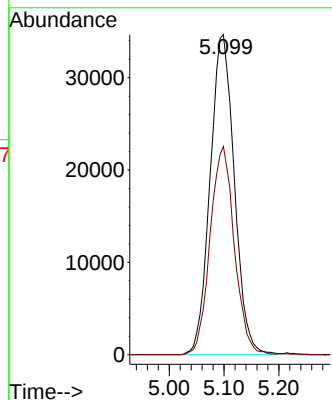
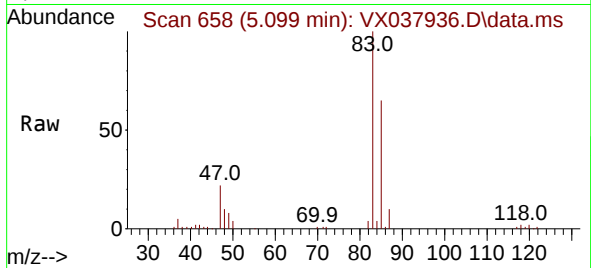
#25
Chloroform
Concen: 20.589 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723

Tgt Ion: 83 Resp: 10645
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3

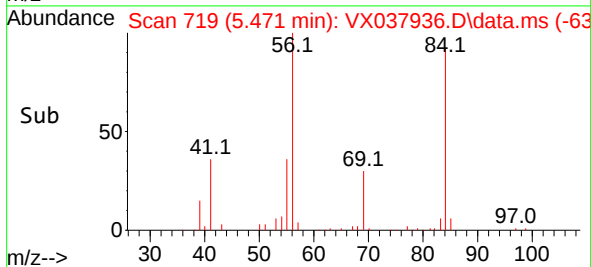
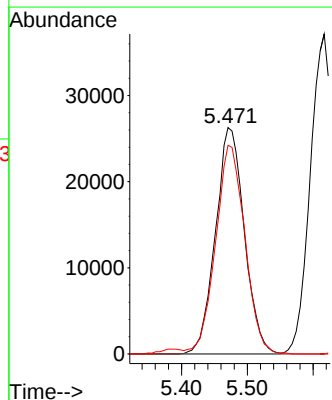
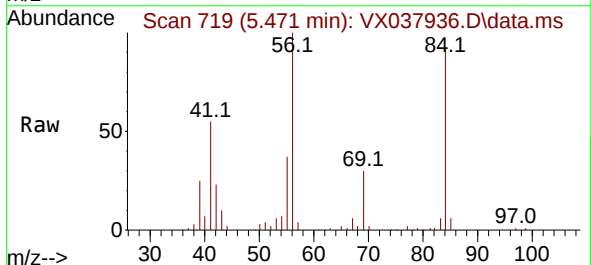
Manual Integrations
APPROVED

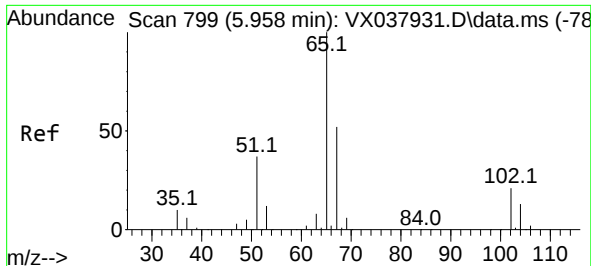
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#26
Cyclohexane
Concen: 20.024 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion: 56 Resp: 80117
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.7 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 29.678 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

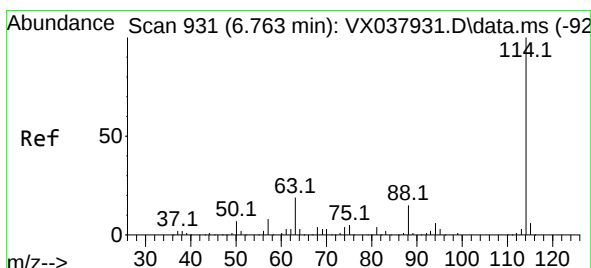
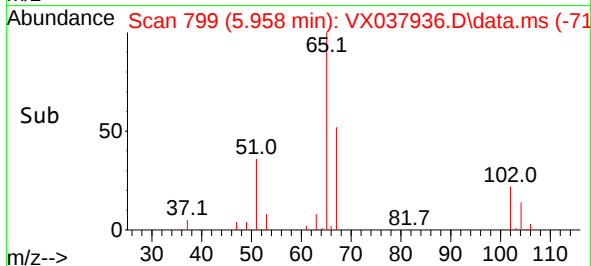
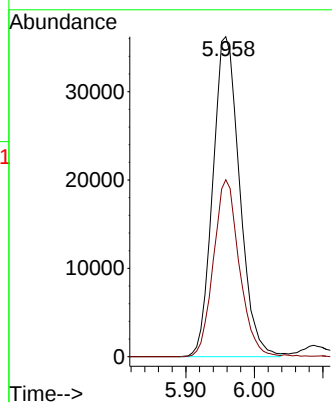
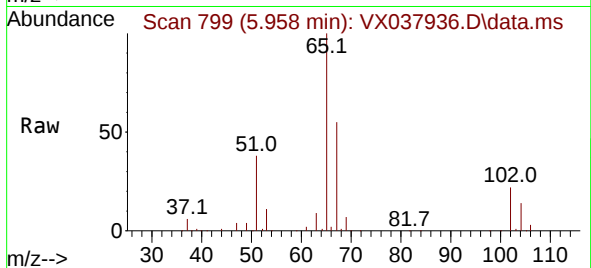
ICVVX092723

Tgt Ion: 65 Resp: 98375
Ion Ratio Lower Upper
65 100
67 53.2 42.1 63.1

Manual Integrations

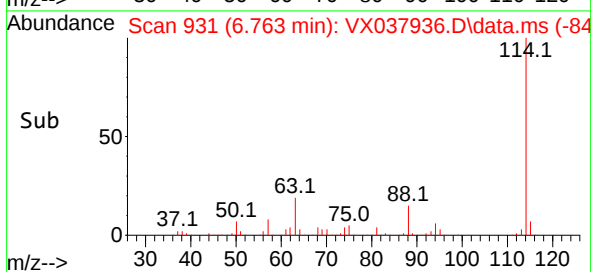
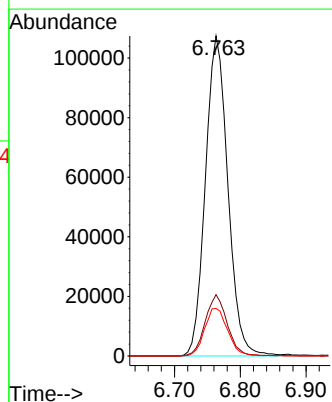
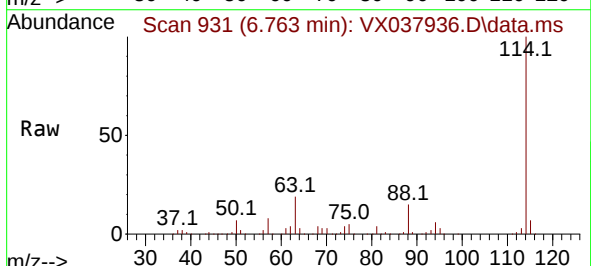
APPROVED

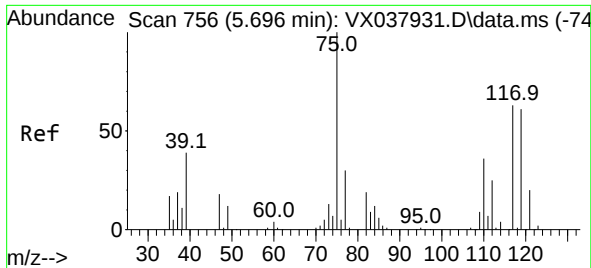
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion:114 Resp: 255488
Ion Ratio Lower Upper
114 100
63 18.7 16.6 24.8
88 15.3 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.379 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092723

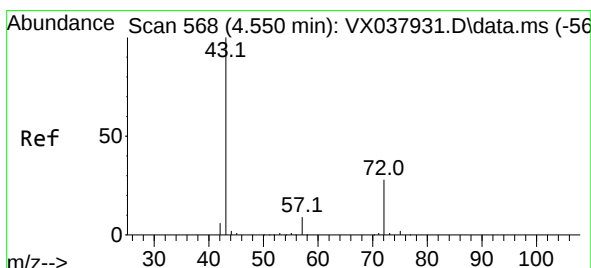
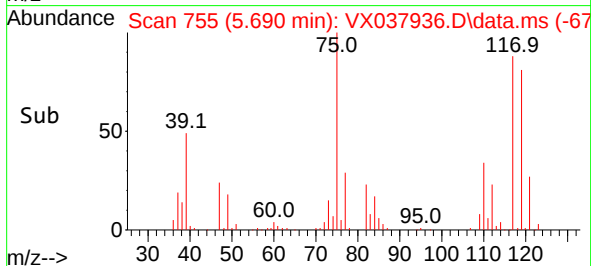
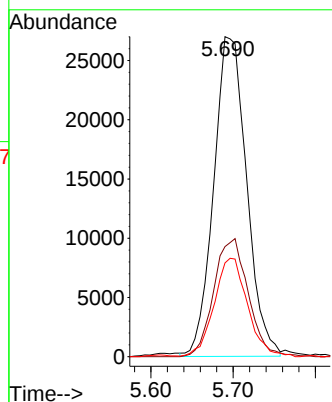
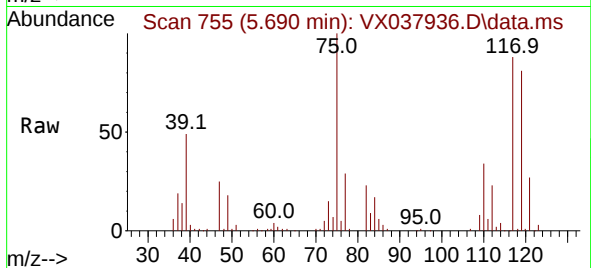
Tgt Ion:	75	Resp:	7526
Ion Ratio	Lower	Upper	
75	100		
110	38.6	0.0	70.4
77	31.2	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#30

2-Butanone

Concen: 100.959 ug/l

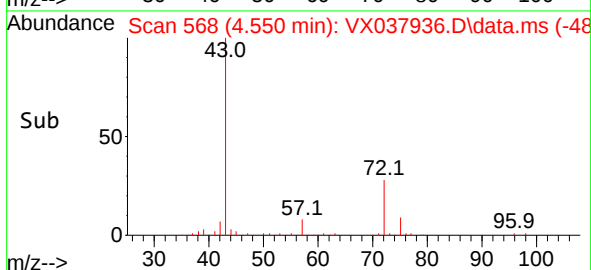
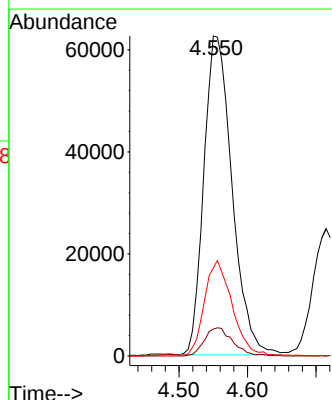
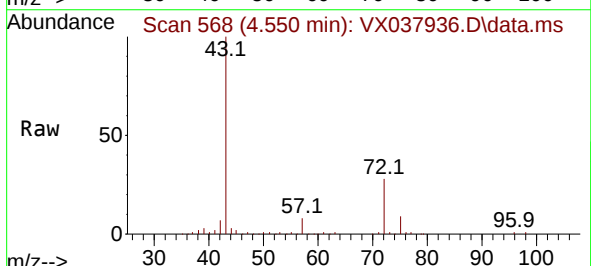
RT: 4.550 min Scan# 568

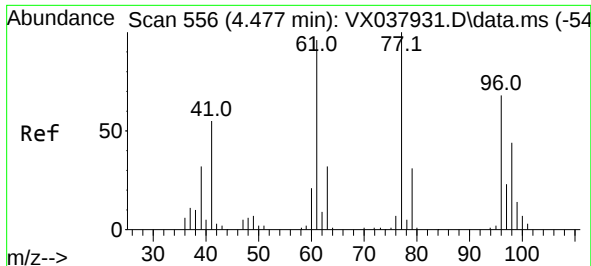
Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

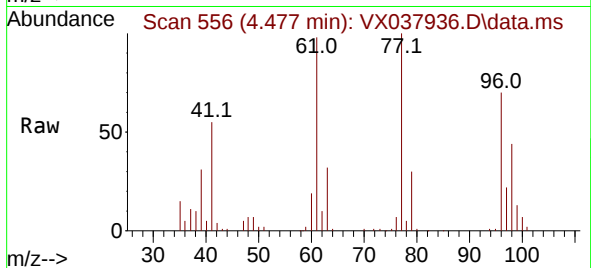
Tgt Ion:	43	Resp:	178941
Ion Ratio	Lower	Upper	
43	100		
57	8.7	6.4	9.6
72	29.0	21.6	32.4





#31
2,2-Dichloropropane
Concen: 19.690 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

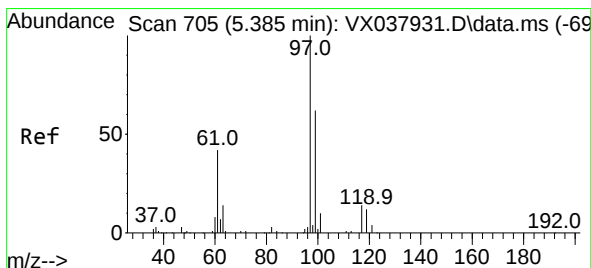
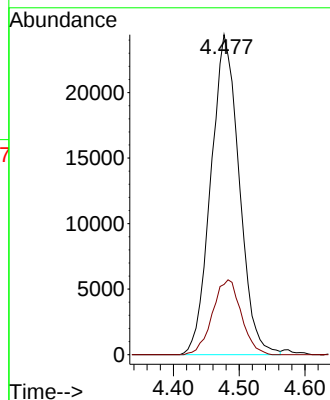
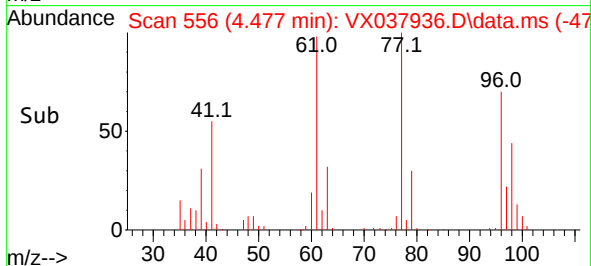
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 77 Resp: 73260
Ion Ratio Lower Upper
77 100
97 23.7 18.6 27.8

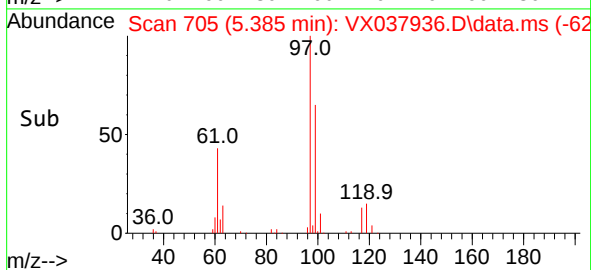
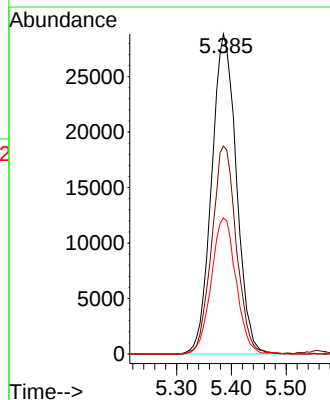
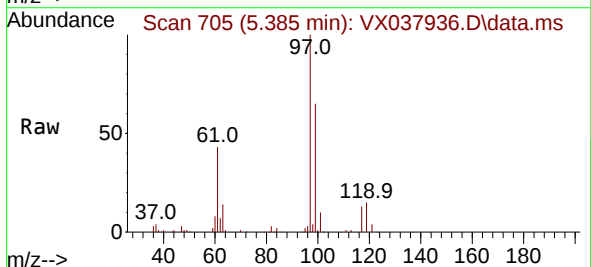
Manual Integrations
APPROVED

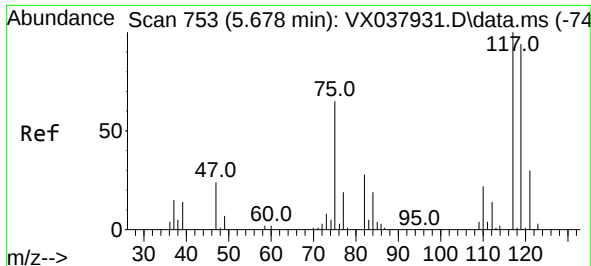
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 20.431 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

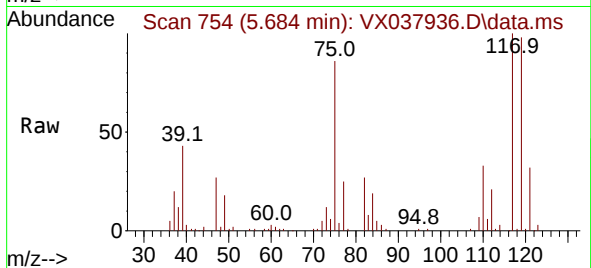
Tgt Ion: 97 Resp: 90417
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 42.4 35.8 53.8





#33
Carbon Tetrachloride
Concen: 20.530 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

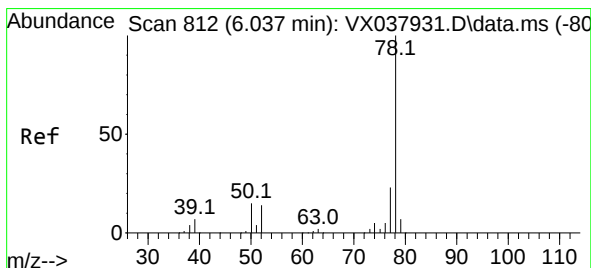
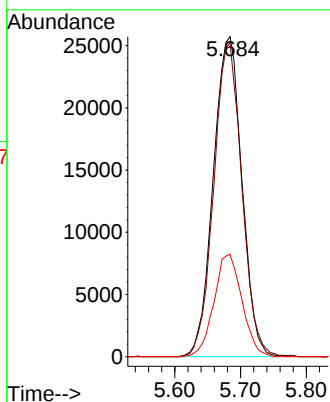
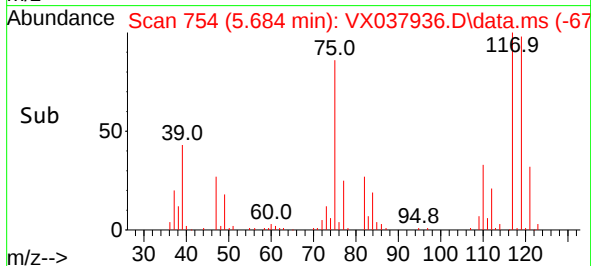
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion:117 Resp: 77775
Ion Ratio Lower Upper
117 100
119 98.1 76.6 115.0
121 32.0 26.5 39.7

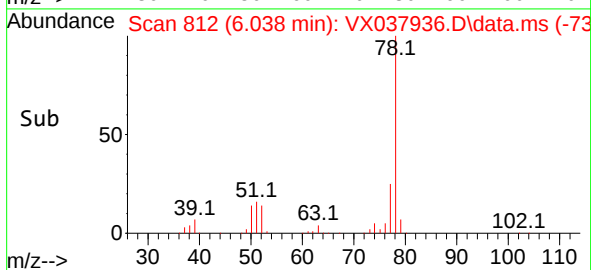
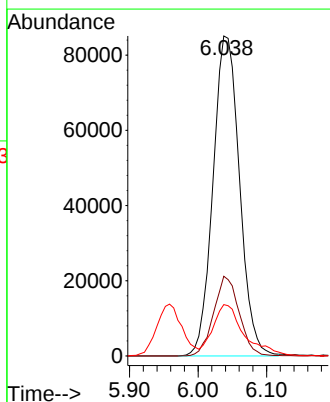
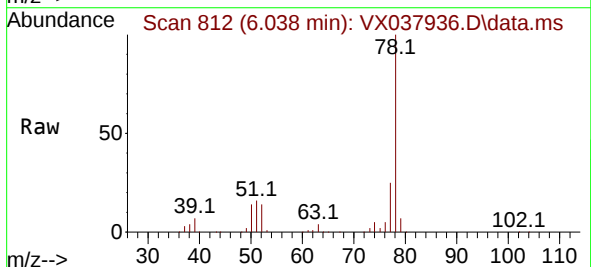
Manual Integrations
APPROVED

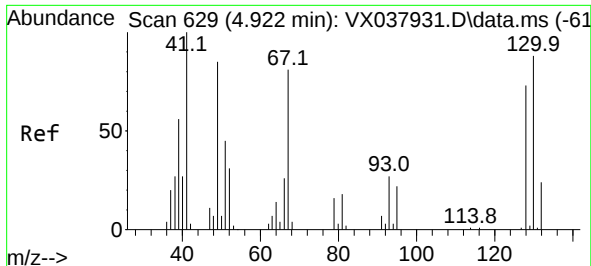
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#34
Benzene
Concen: 20.733 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

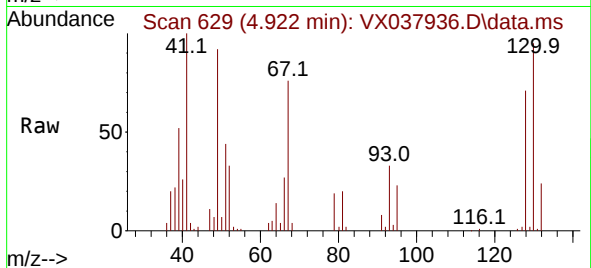
Tgt Ion: 78 Resp: 228738
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1
51 14.8 14.2 21.4





#35
Methacrylonitrile
Concen: 19.852 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

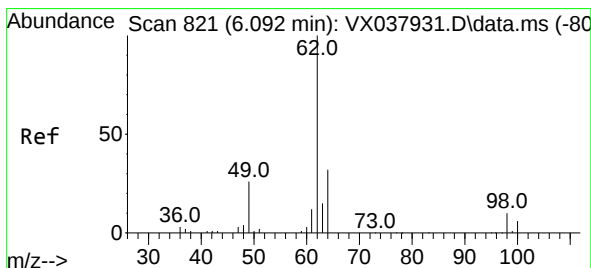
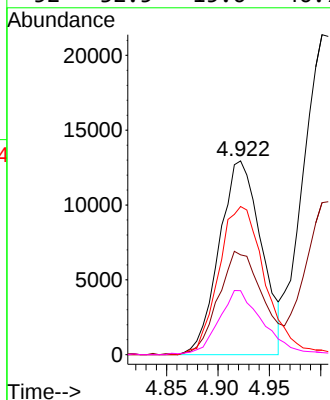
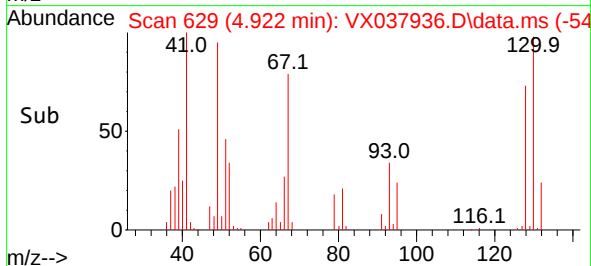
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion:	41	Resp:	3699
Ion	Ratio	Lower	Upper
41	100		
39	51.5	28.2	84.7
67	76.4	35.0	105.1
52	32.5	15.6	46.7

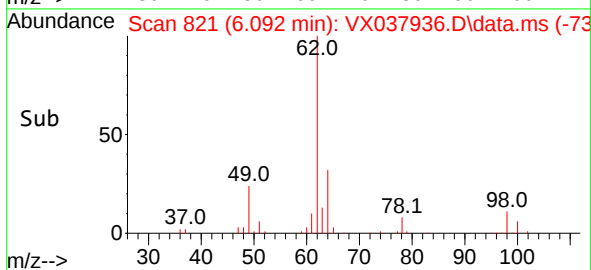
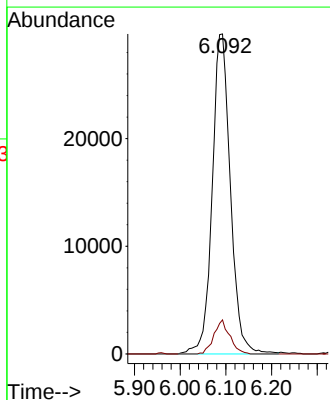
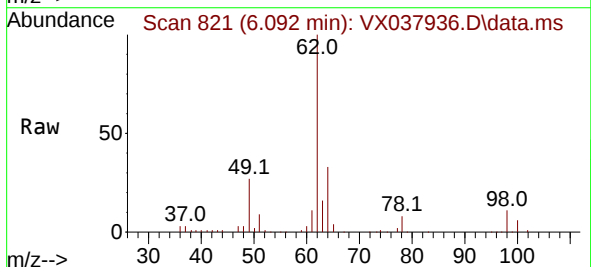
Manual Integrations
APPROVED

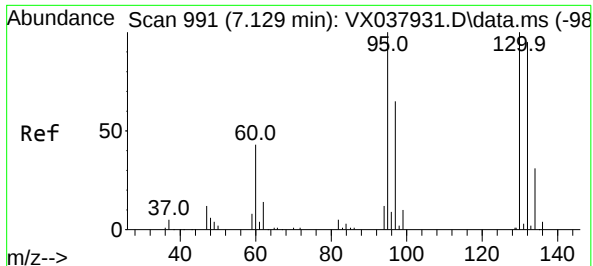
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 21.069 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion:	62	Resp:	82227
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.0	10.6





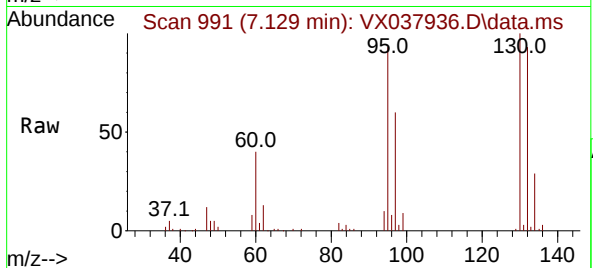
#37
Trichloroethene
Concen: 21.074 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092723



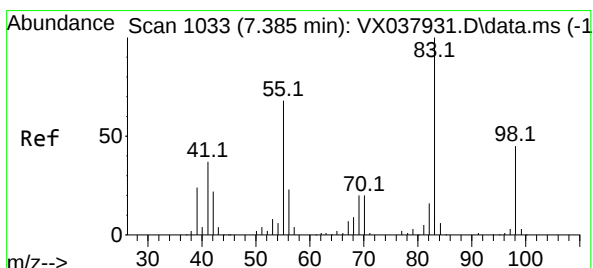
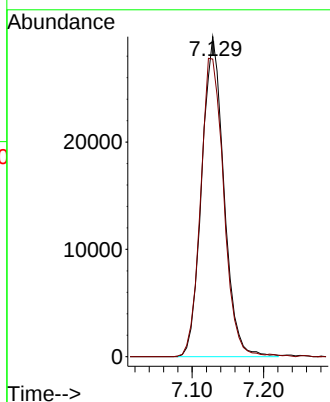
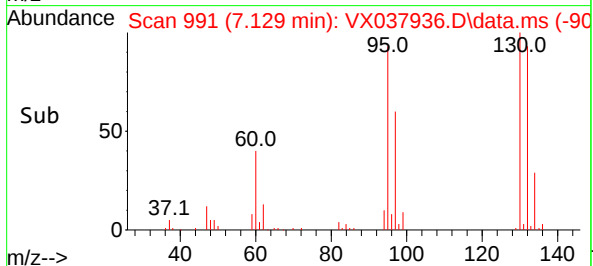
Tgt Ion:130 Resp: 64139
Ion Ratio Lower Upper
130 100
95 92.8 83.2 124.8

Manual Integrations

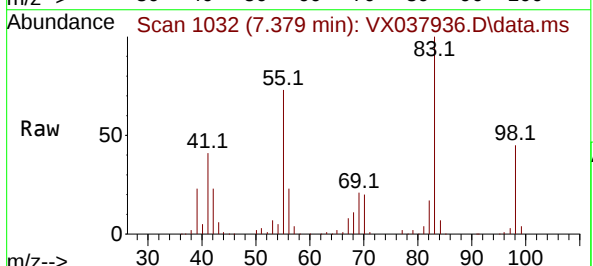
APPROVED

Reviewed By :John Carlone 09/28/2023

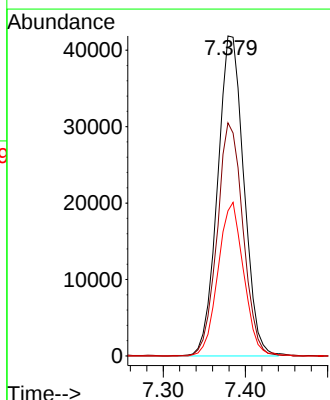
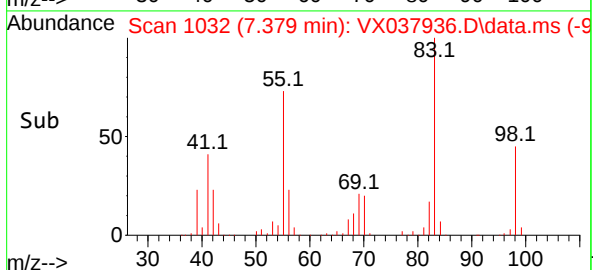
Supervised By :Semsettin Yesilyurt 09/28/2023

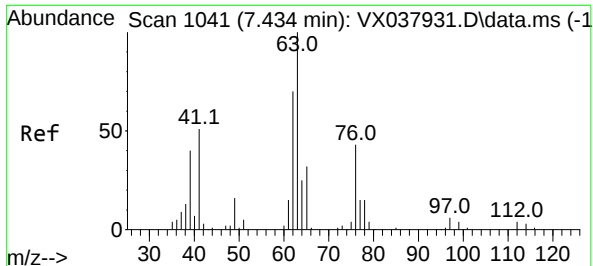


#38
Methylcyclohexane
Concen: 20.027 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion: 83 Resp: 92967
Ion Ratio Lower Upper
83 100
55 71.7 38.1 114.5
98 46.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.637 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX092723

Tgt Ion: 63 Resp: 5824

Ion Ratio Lower Upper

63 100

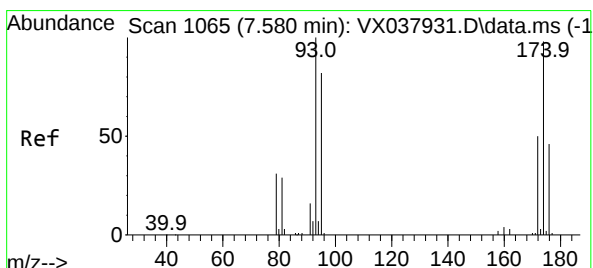
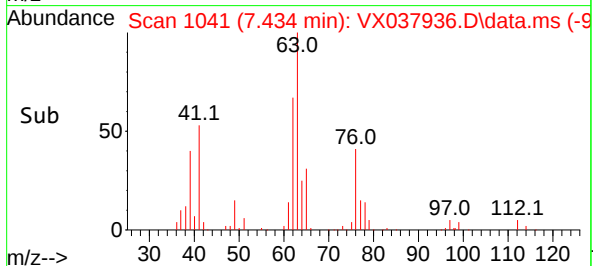
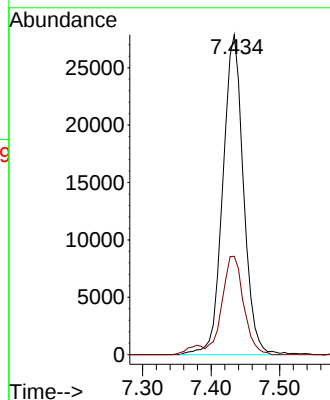
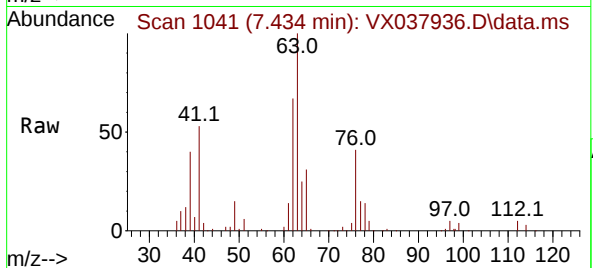
65 30.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 20.890 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

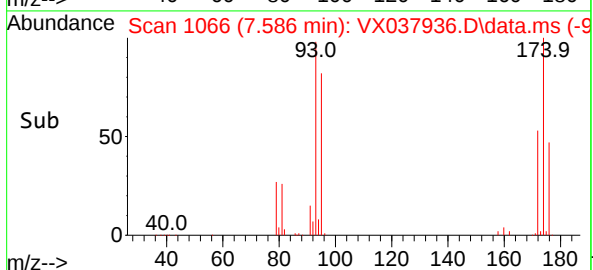
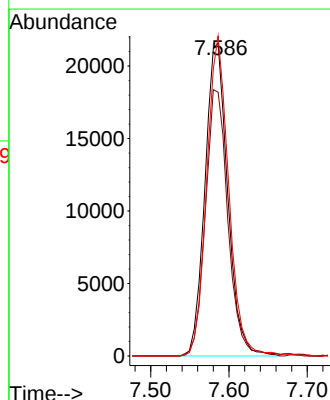
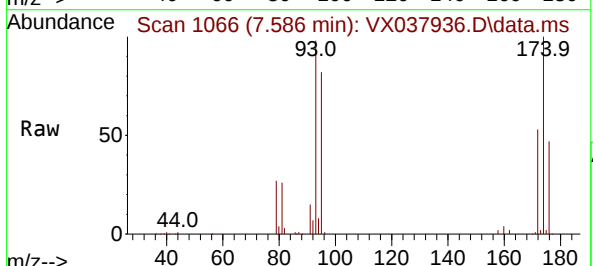
Tgt Ion: 93 Resp: 43508

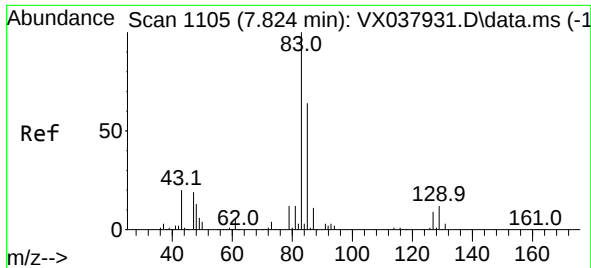
Ion Ratio Lower Upper

93 100

95 83.8 0.0 166.8

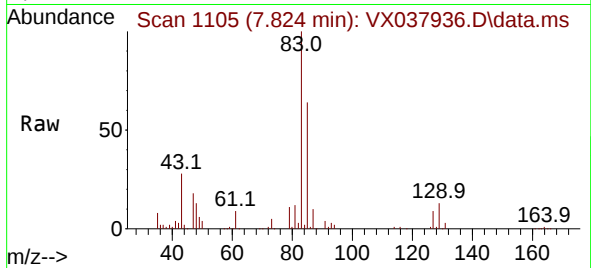
174 98.6 0.0 191.6





#41
Bromodichloromethane
Concen: 20.191 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

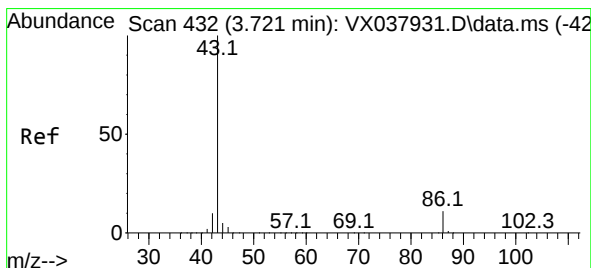
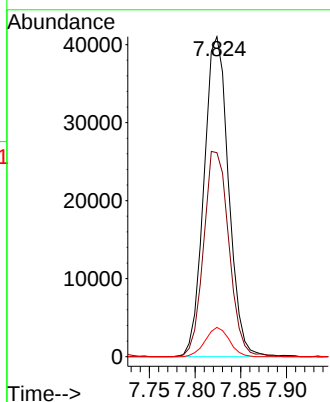
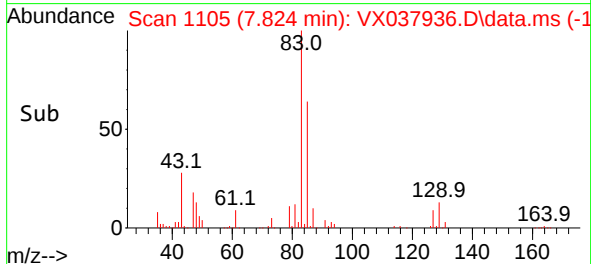
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 83 Resp: 76770
Ion Ratio Lower Upper
83 100
85 63.6 51.5 77.3
127 9.1 6.4 9.6

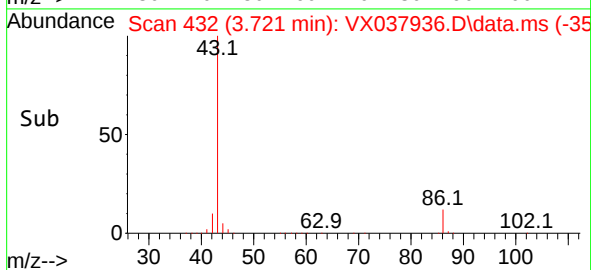
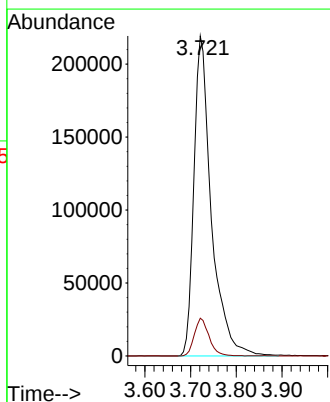
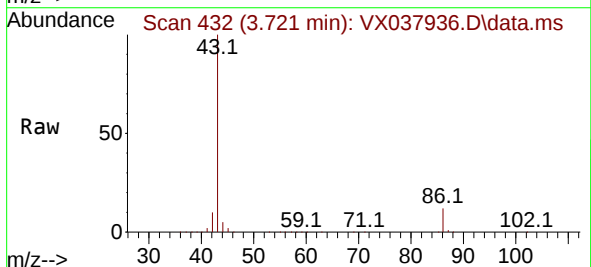
Manual Integrations
APPROVED

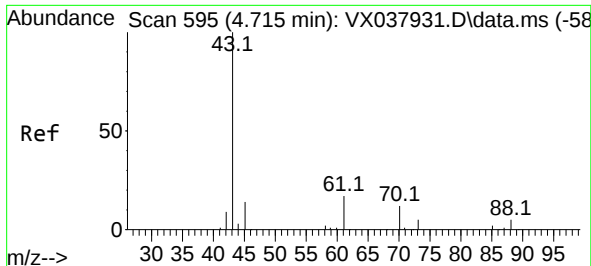
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 104.065 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

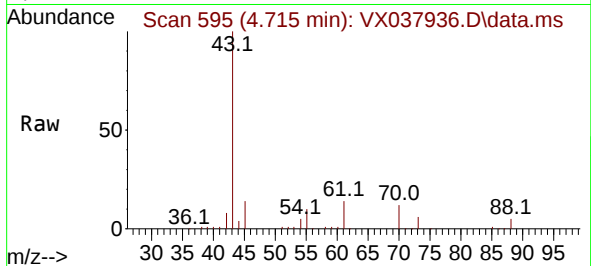
Tgt Ion: 43 Resp: 581440
Ion Ratio Lower Upper
43 100
86 9.9 7.4 11.0





#43
Ethyl Acetate
Concen: 20.938 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

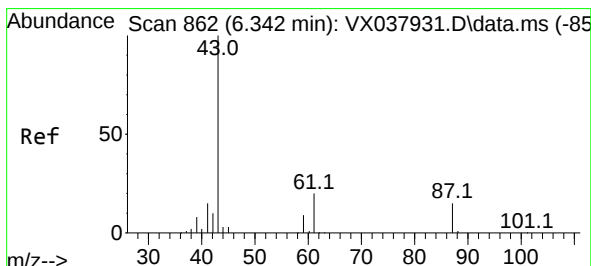
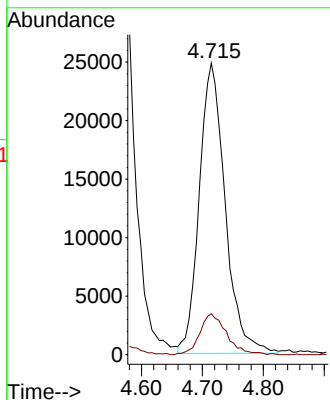
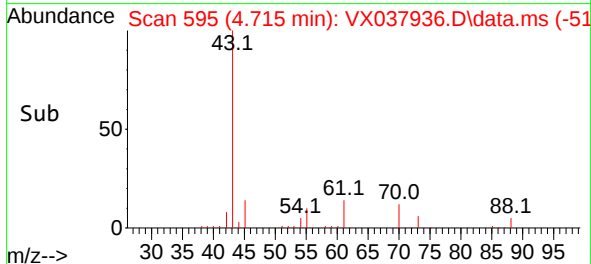
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



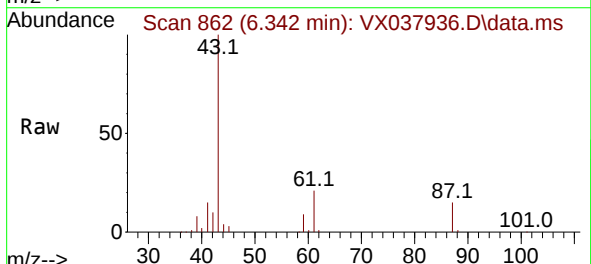
Tgt Ion: 43 Resp: 7336
Ion Ratio Lower Upper
43 100
45 14.3 12.6 18.8

Manual Integrations
APPROVED

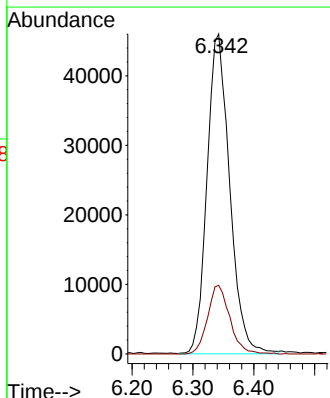
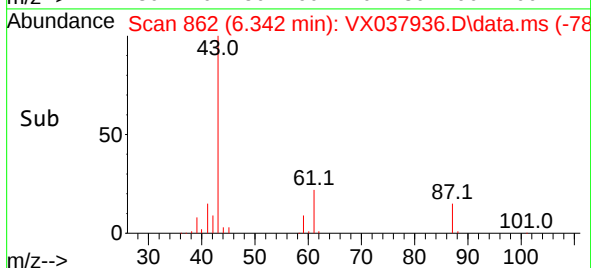
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

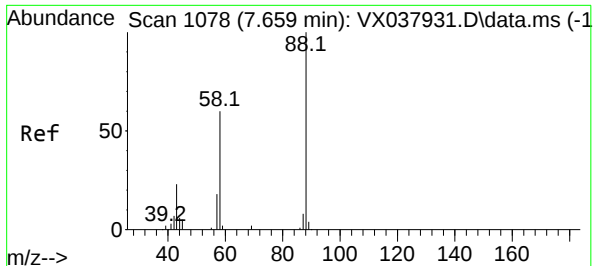


#44
Isopropyl Acetate
Concen: 20.526 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



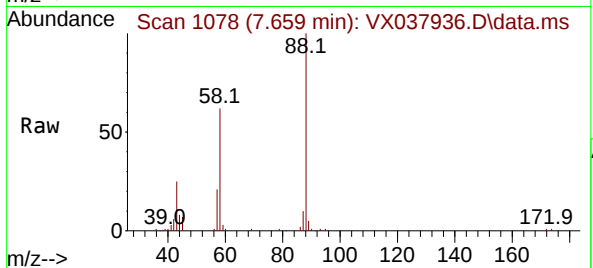
Tgt Ion: 43 Resp: 118985
Ion Ratio Lower Upper
43 100
61 20.9 15.4 23.0





#45
1,4-Dioxane
Concen: 420.866 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

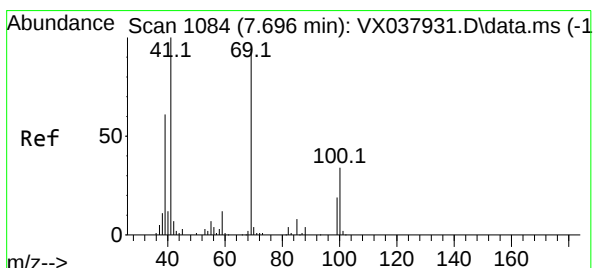
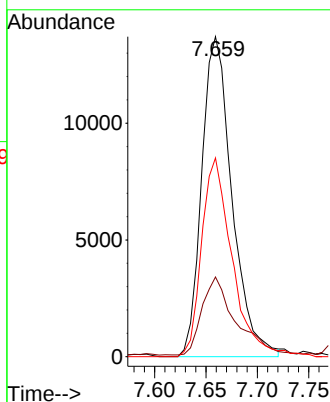
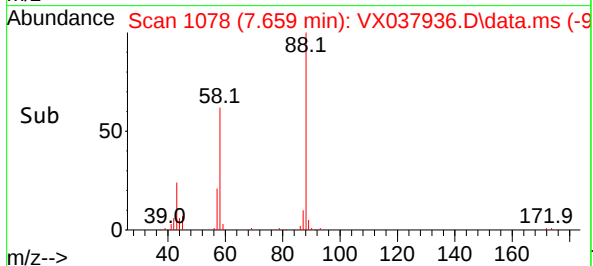
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 88 Resp: 2811
Ion Ratio Lower Upper
88 100
43 27.1 297.5 446.3
58 62.7 1.0 1.4

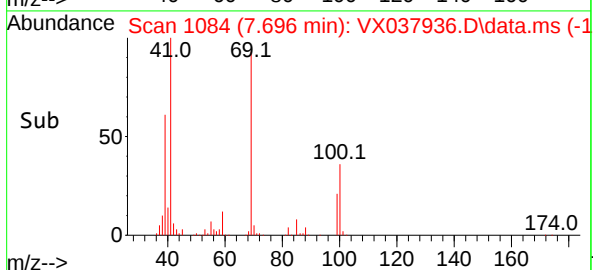
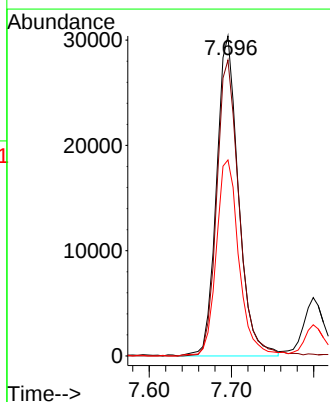
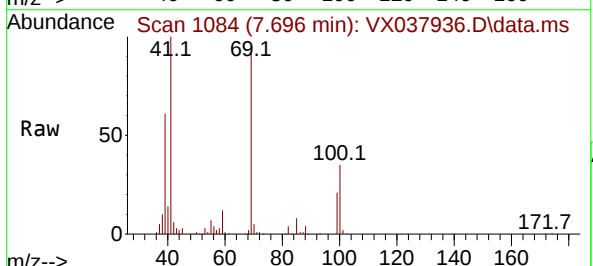
Manual Integrations
APPROVED

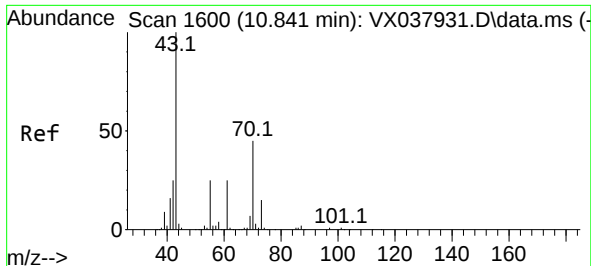
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#46
Methyl methacrylate
Concen: 20.516 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

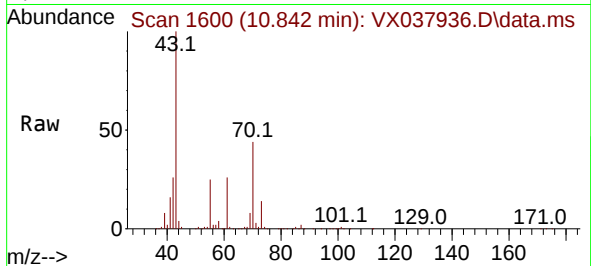
Tgt Ion: 41 Resp: 56531
Ion Ratio Lower Upper
41 100
69 92.4 44.4 133.1
39 61.3 34.9 104.7





#47
n-amy1 Acetate
Concen: 19.850 ug/l
RT: 10.842 min Scan# 108258
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

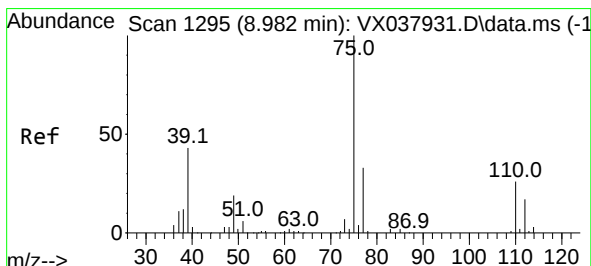
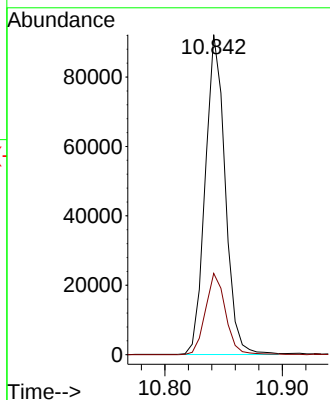
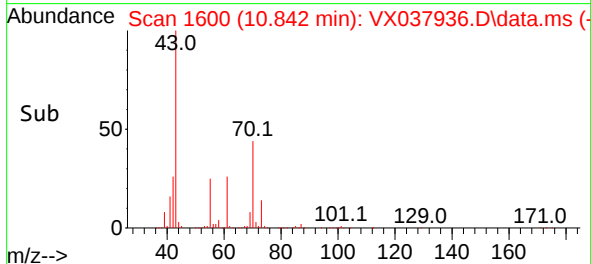
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 43 Resp: 108258
Ion Ratio Lower Upper
43 100
55 25.7 18.6 28.0

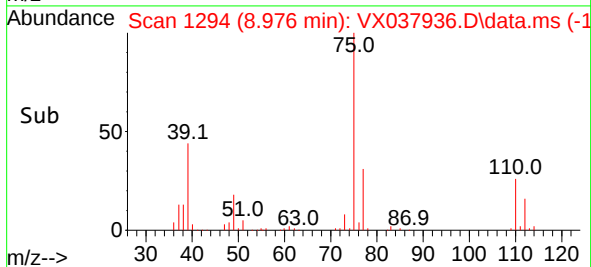
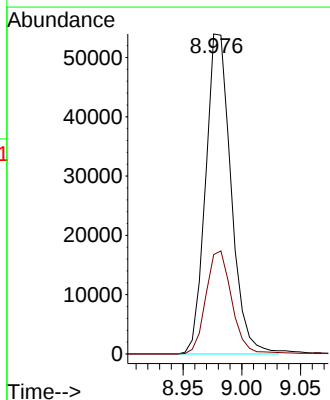
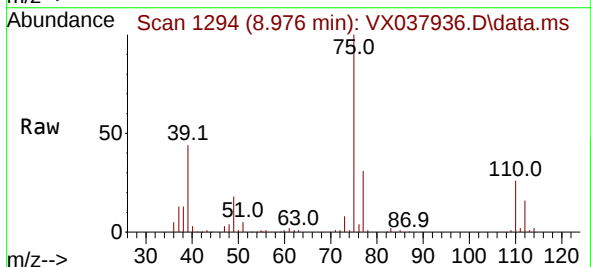
Manual Integrations
APPROVED

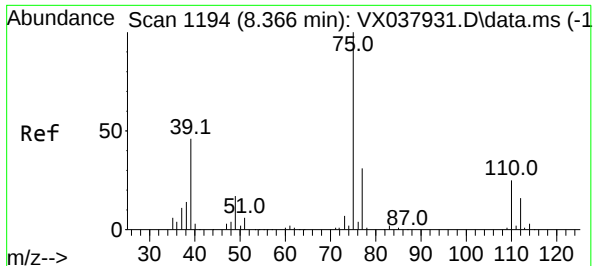
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 19.689 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion: 75 Resp: 81332
Ion Ratio Lower Upper
75 100
77 31.0 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.496 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092723

Tgt Ion: 75 Resp: 90924

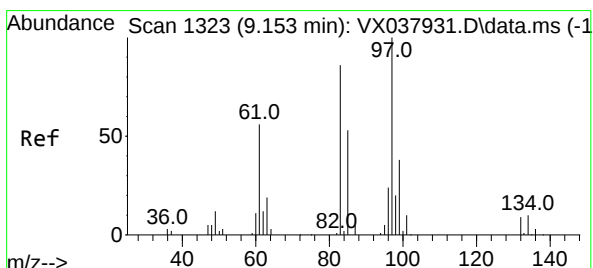
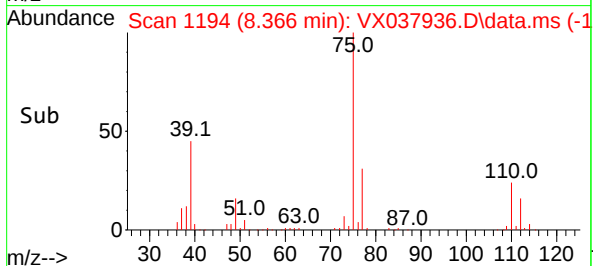
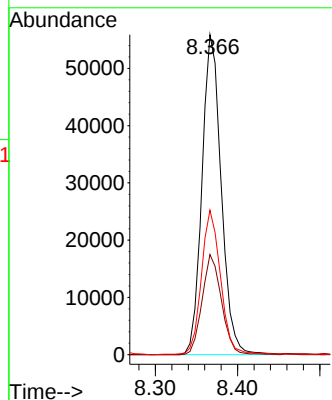
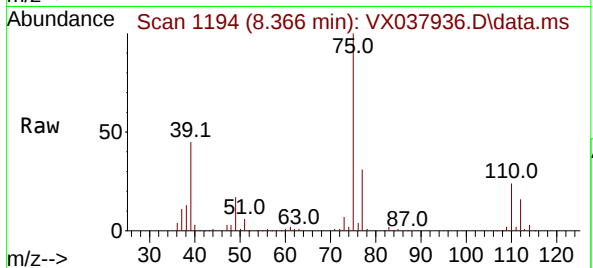
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	44.8	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#50

1,1,2-Trichloroethane

Concen: 20.772 ug/l

RT: 9.153 min Scan# 1323

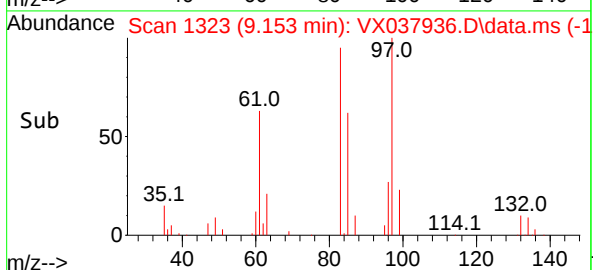
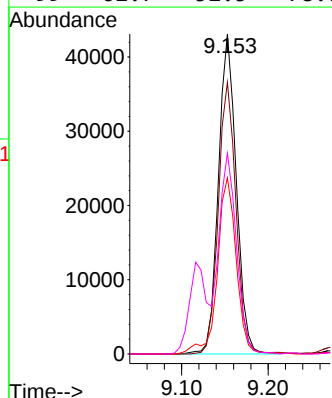
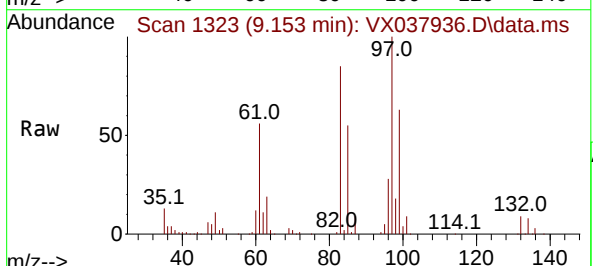
Delta R.T. 0.000 min

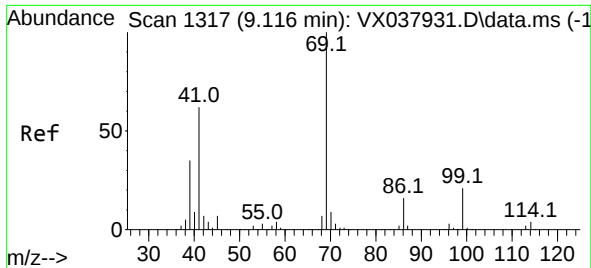
Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Tgt Ion: 97 Resp: 61824

Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.0	105.0
85	54.8	46.1	69.1
99	62.7	52.5	78.7





#51
Ethyl methacrylate
Concen: 20.314 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

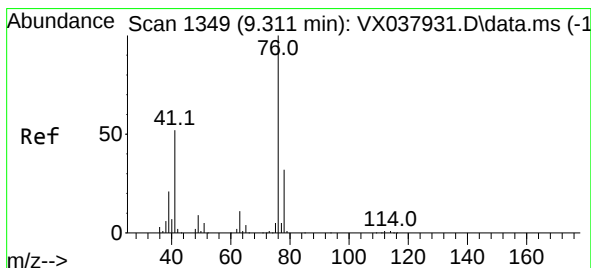
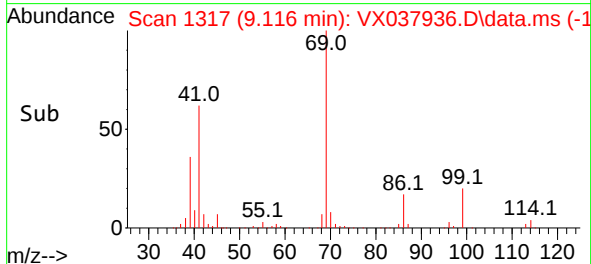
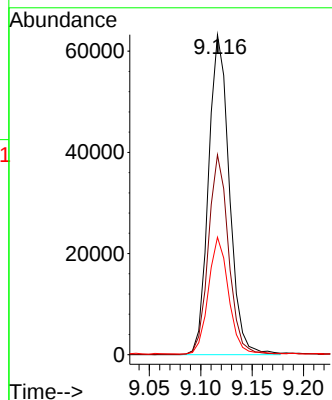
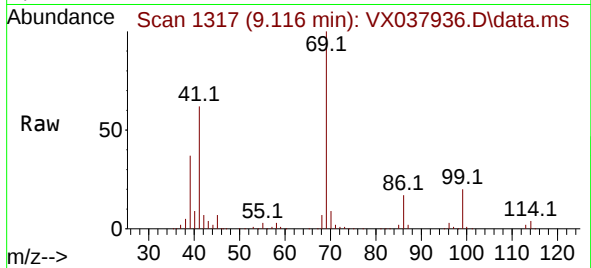
ClientSampleId :

ICVVX092723

Tgt Ion: 69 Resp: 8908
Ion Ratio Lower Upper
69 100
41 62.3 32.0 96.0
39 36.5 19.4 58.4

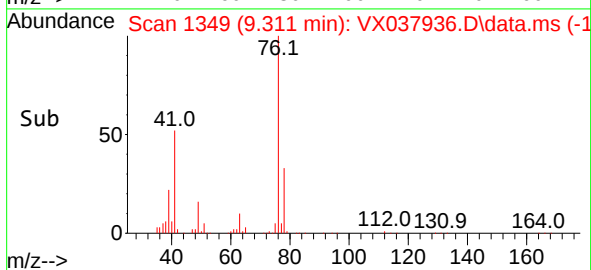
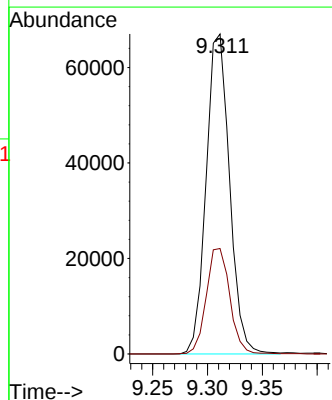
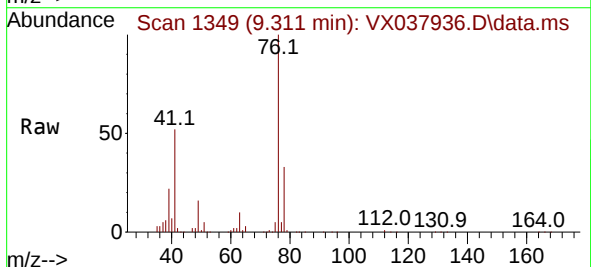
Manual Integrations
APPROVED

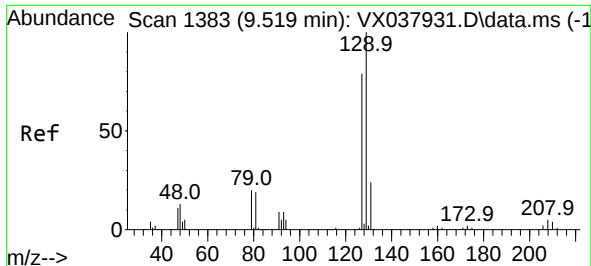
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#52
1,3-Dichloropropane
Concen: 20.858 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

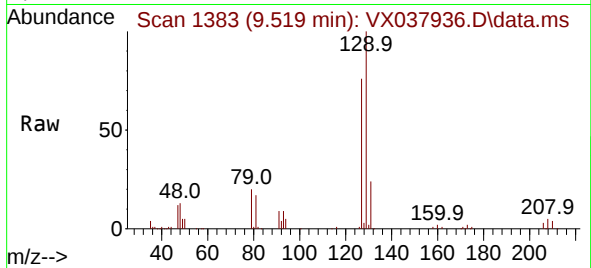
Tgt Ion: 76 Resp: 99585
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.6





#53
Dibromochloromethane
Concen: 20.129 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

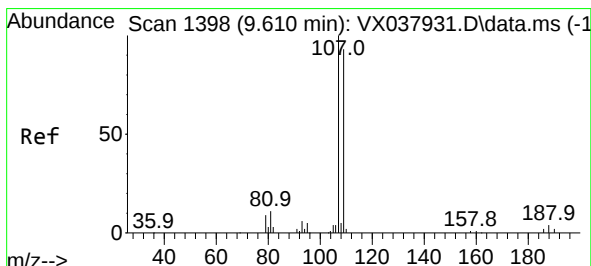
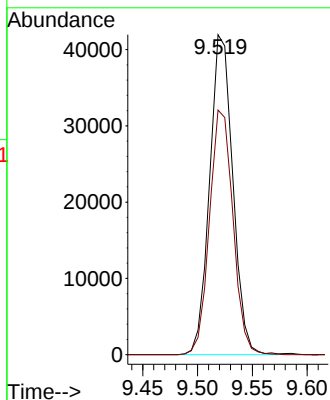
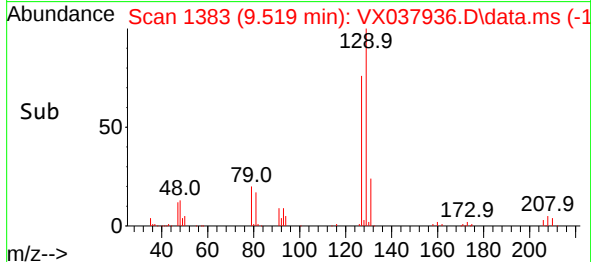
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



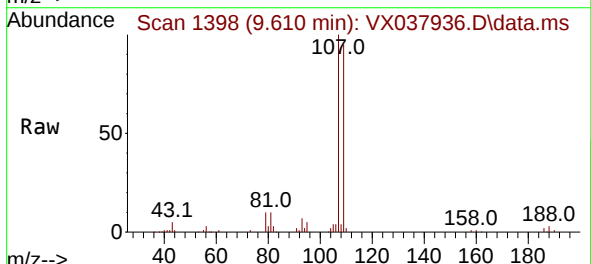
Tgt Ion:129 Resp: 61744
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

Manual Integrations
APPROVED

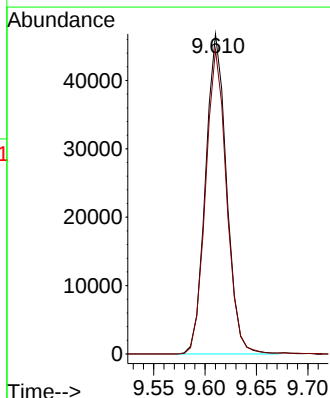
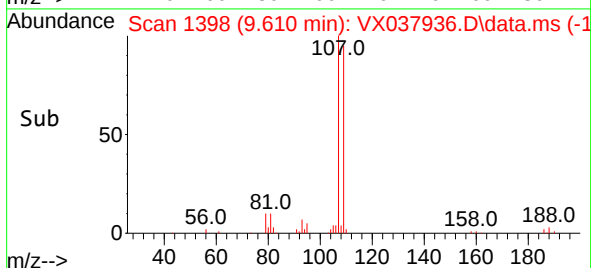
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

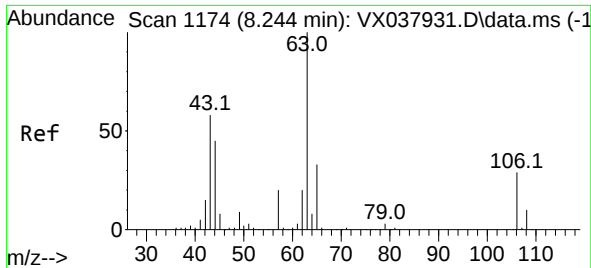


#54
1,2-Dibromoethane
Concen: 20.638 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



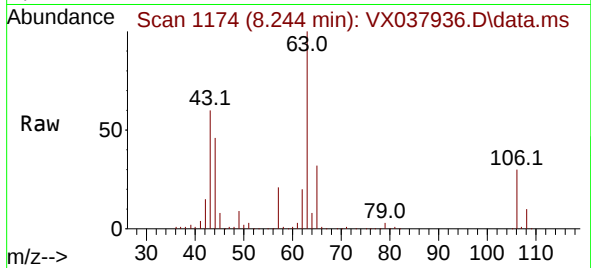
Tgt Ion:107 Resp: 66654
Ion Ratio Lower Upper
107 100
109 94.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 101.630 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

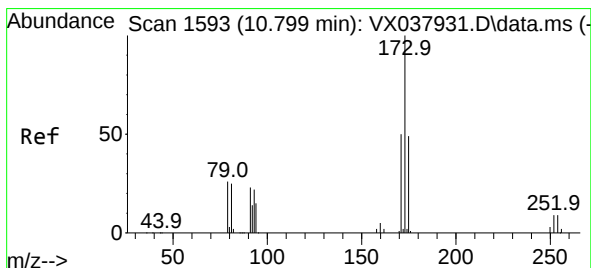
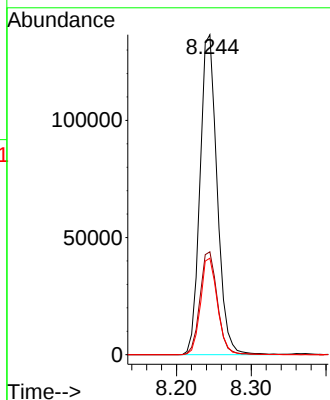
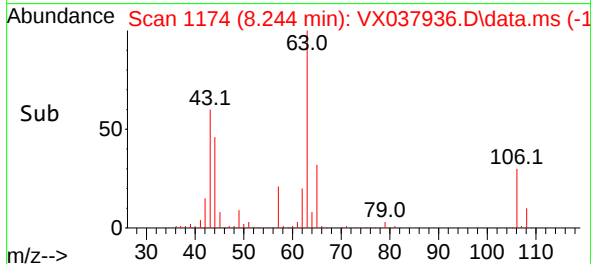
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 63 Resp: 21726
Ion Ratio Lower Upper
63 100
65 32.6 25.9 38.9
106 29.9 21.8 32.8

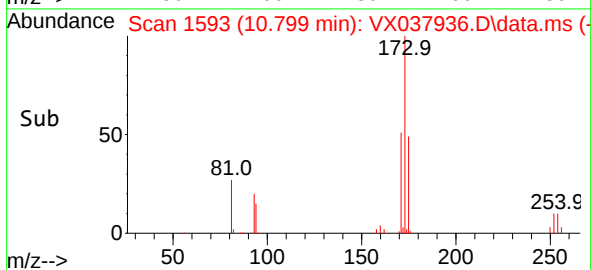
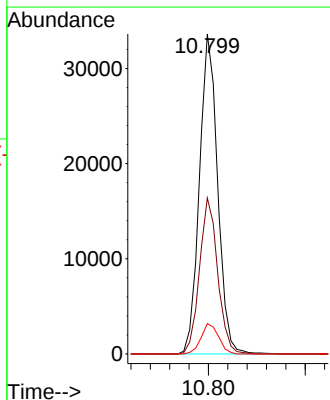
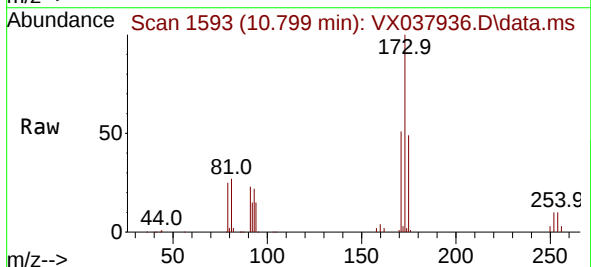
Manual Integrations
APPROVED

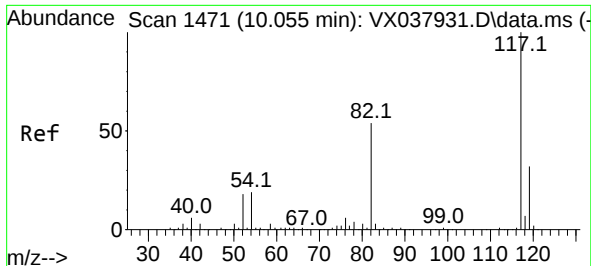
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Bromoform
Concen: 19.064 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

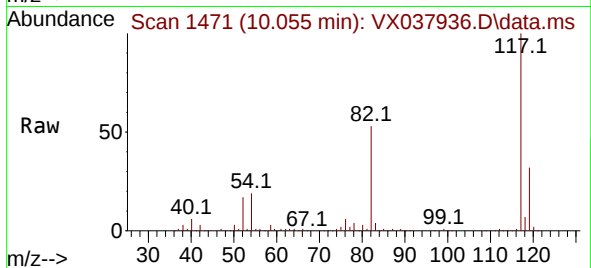
Tgt Ion:173 Resp: 43982
Ion Ratio Lower Upper
173 100
175 48.6 38.1 57.1
254 9.2 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

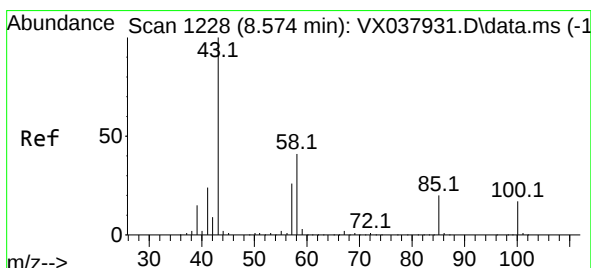
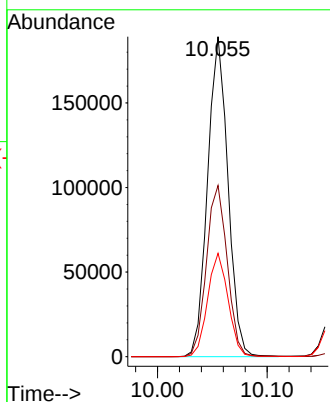
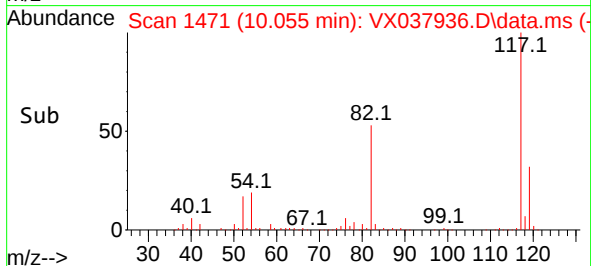
Instrument :
MSVOA_X
ClientSampleId :
ICVX092723



Tgt Ion: 117 Resp: 24457
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 32.5 25.6 38.4

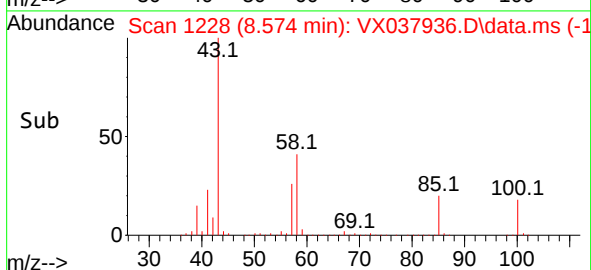
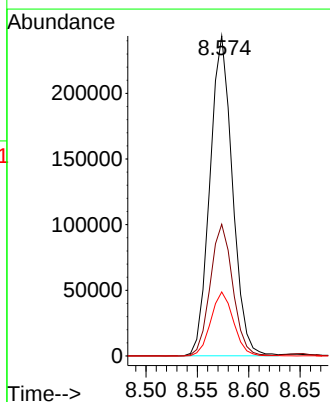
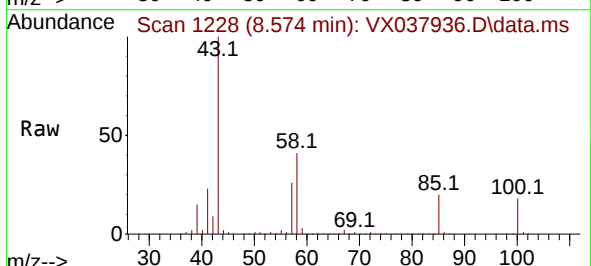
Manual Integrations
APPROVED

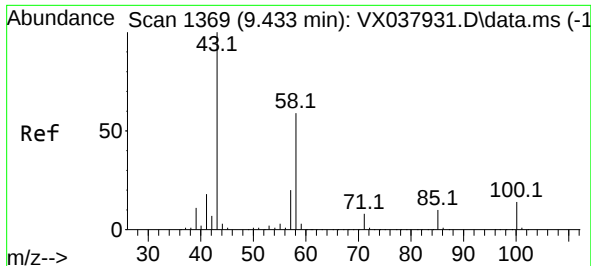
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#58
4-Methyl-2-Pentanone
Concen: 103.713 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

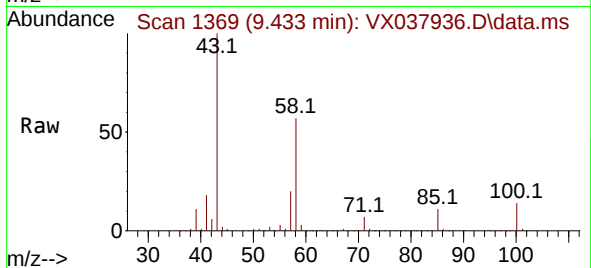
Tgt Ion: 43 Resp: 371317
Ion Ratio Lower Upper
43 100
58 41.2 30.9 46.3
85 20.1 14.4 21.6





#59
2-Hexanone
Concen: 102.785 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

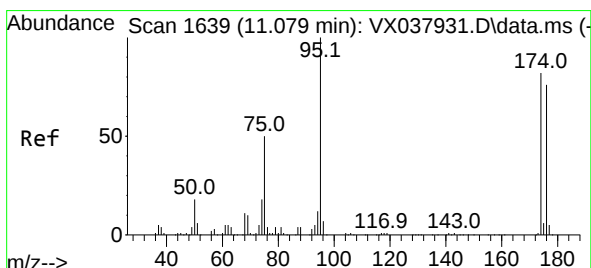
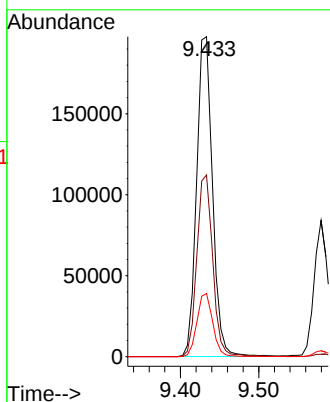
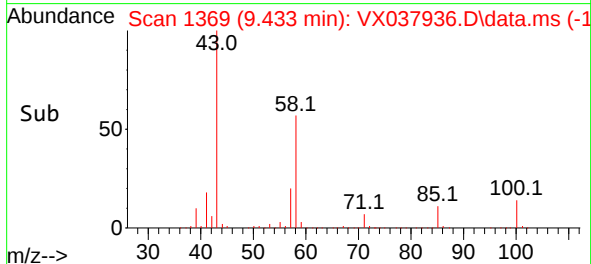
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 43 Resp: 279464
Ion Ratio Lower Upper
43 100
58 56.5 43.4 65.2
57 19.6 15.1 22.7

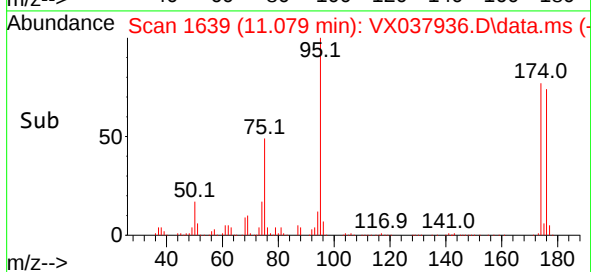
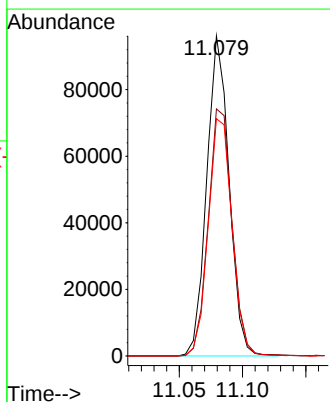
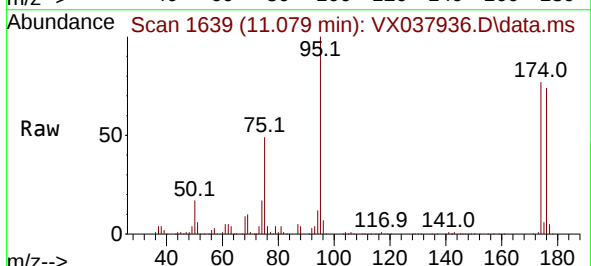
Manual Integrations
APPROVED

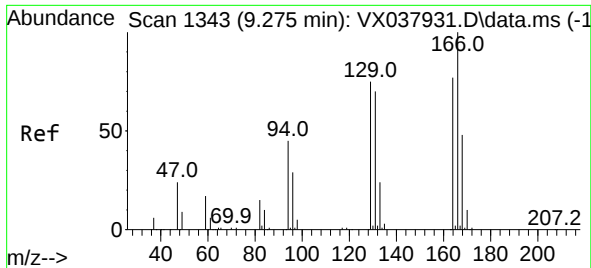
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
4-Bromofluorobenzene
Concen: 29.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion: 95 Resp: 118015
Ion Ratio Lower Upper
95 100
174 82.2 60.5 90.7
176 79.2 58.2 87.4





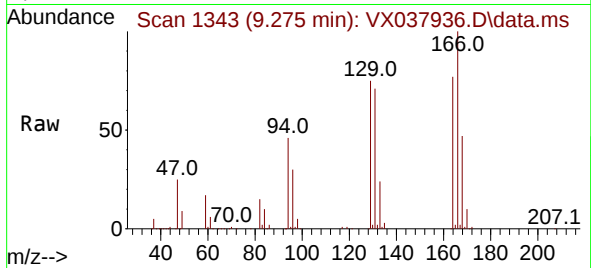
#61
Tetrachloroethene
Concen: 20.868 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX092723



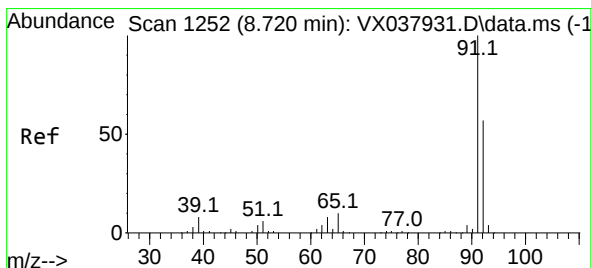
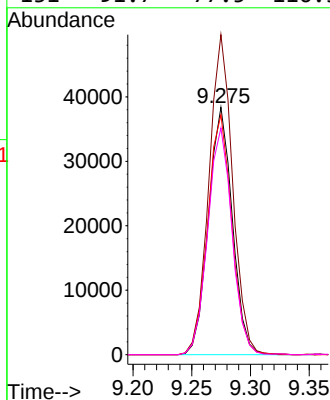
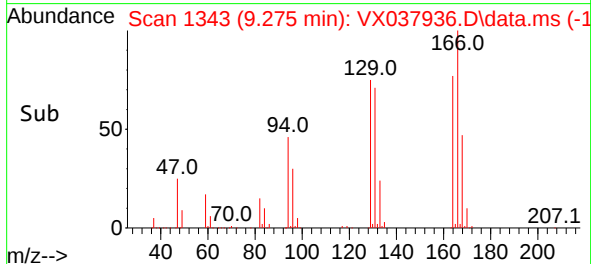
Tgt Ion:164 Resp: 54314
Ion Ratio Lower Upper
164 100
166 129.4 104.5 156.7
129 97.0 78.0 117.0
131 91.7 77.5 116.3

Manual Integrations

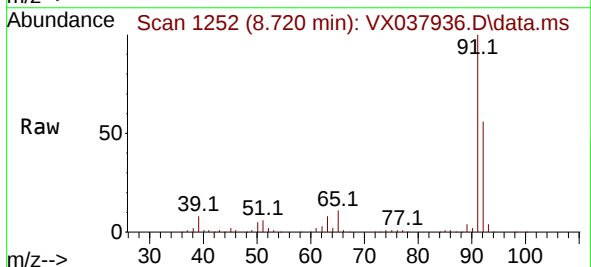
APPROVED

Reviewed By :John Carlone 09/28/2023

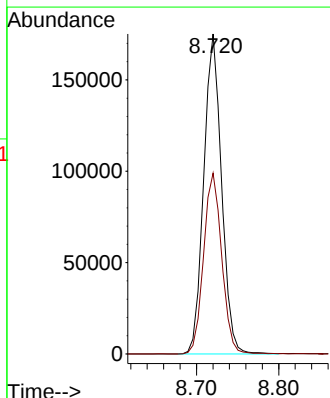
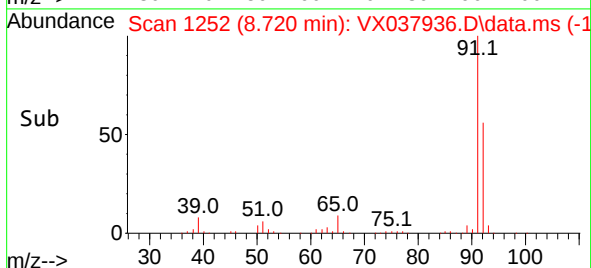
Supervised By :Semsettin Yesilyurt 09/28/2023

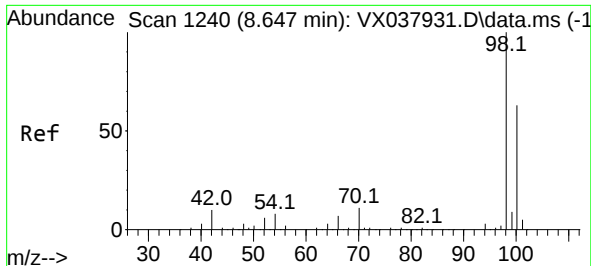


#62
Toluene
Concen: 20.767 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



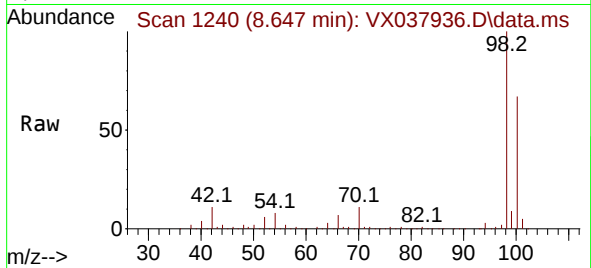
Tgt Ion: 91 Resp: 263467
Ion Ratio Lower Upper
91 100
92 57.4 44.9 67.3





#63
Toluene-d8
Concen: 29.976 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

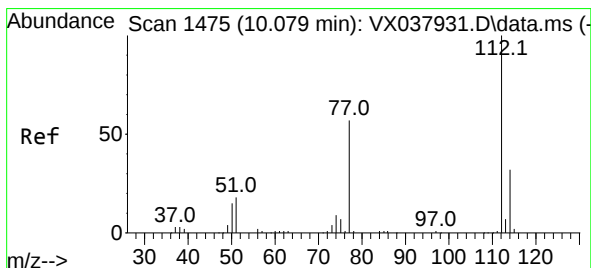
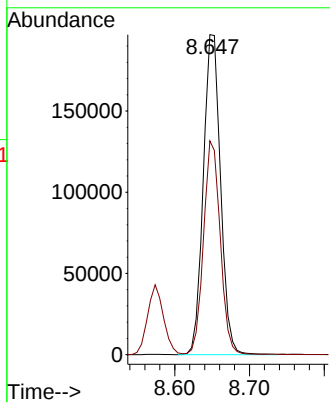
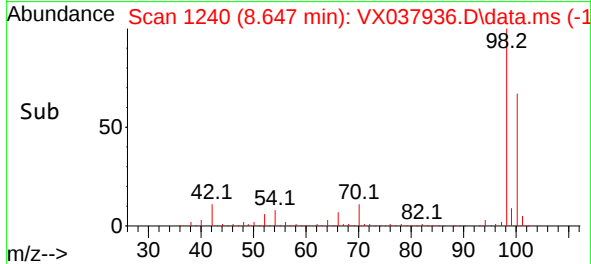
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



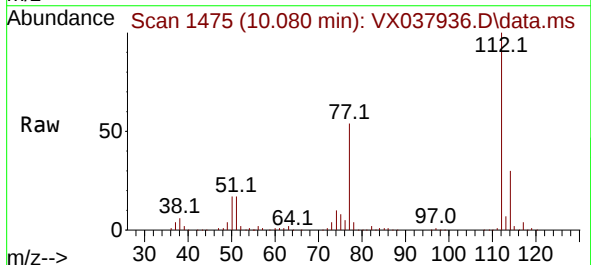
Tgt Ion: 98 Resp: 316478
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

Manual Integrations
APPROVED

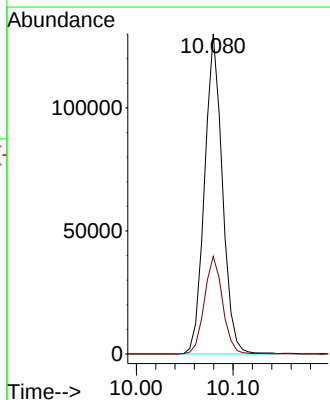
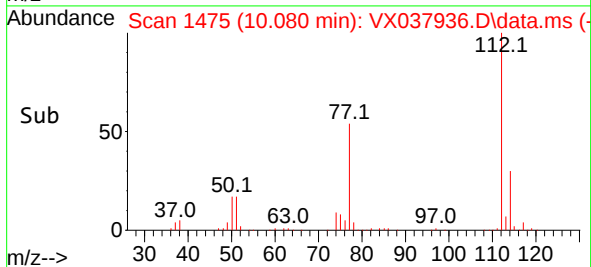
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

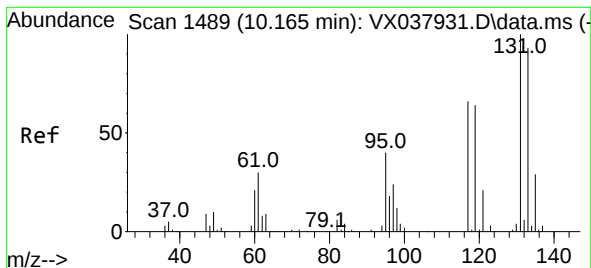


#64
Chlorobenzene
Concen: 21.090 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion:112 Resp: 166909
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6





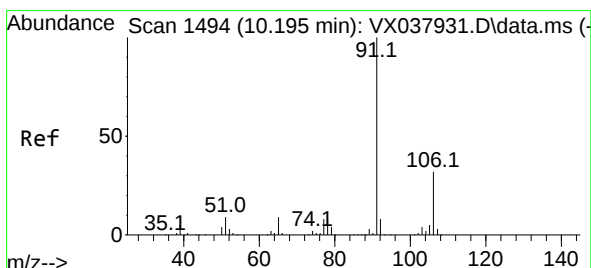
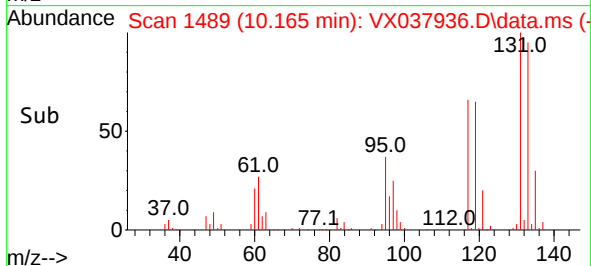
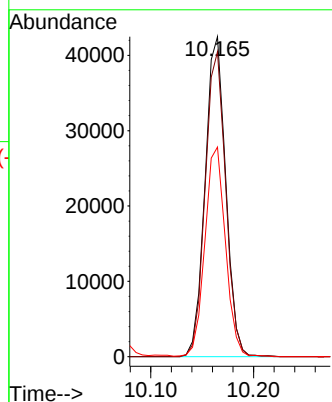
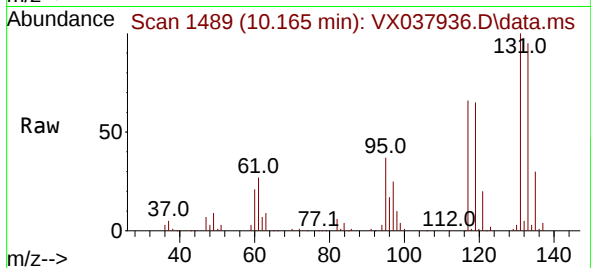
#65
1,1,1,2-Tetrachloroethane
Concen: 20.645 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :
MSVOA_X
ClientSampleId :
ICVX092723

Tgt Ion:131 Resp: 59308
Ion Ratio Lower Upper
131 100
133 94.8 0.0 192.0
119 65.3 0.0 132.8

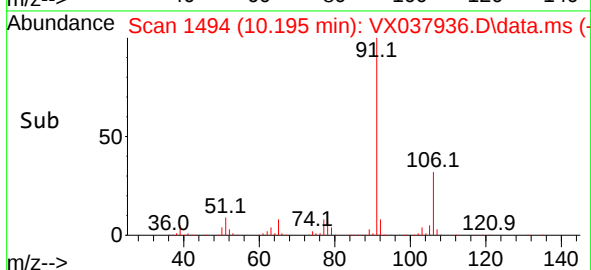
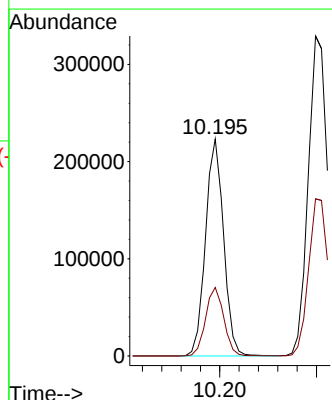
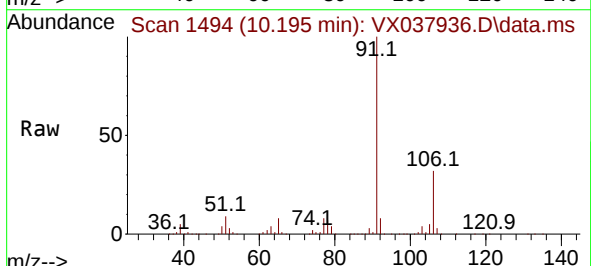
Manual Integrations
APPROVED

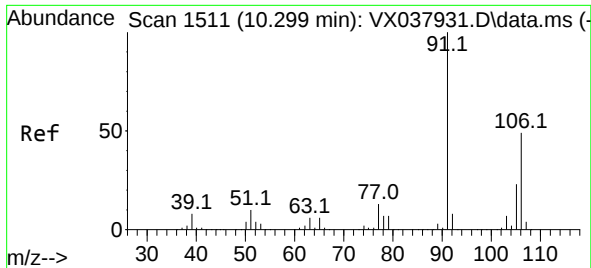
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#66
Ethyl Benzene
Concen: 20.784 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion: 91 Resp: 291006
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4





#67

m/p-Xylenes

Concen: 41.367 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX092723

Tgt Ion:106 Resp: 22817

Ion Ratio Lower Upper

106 100

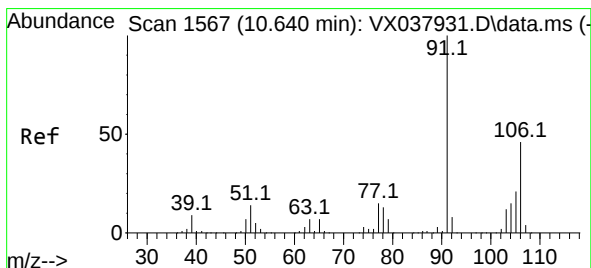
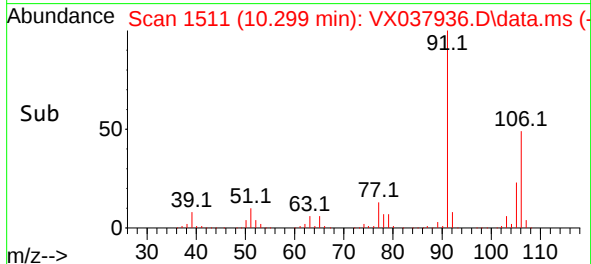
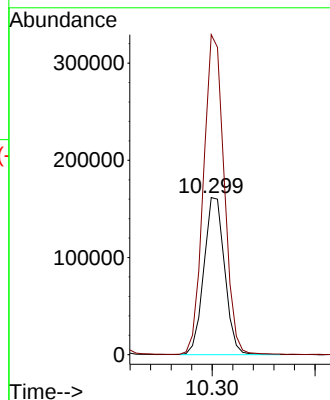
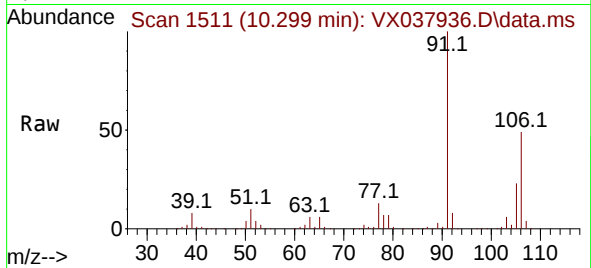
91 202.6 160.5 240.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#68

o-Xylene

Concen: 21.099 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037936.D

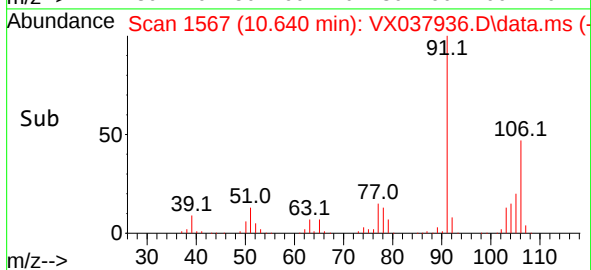
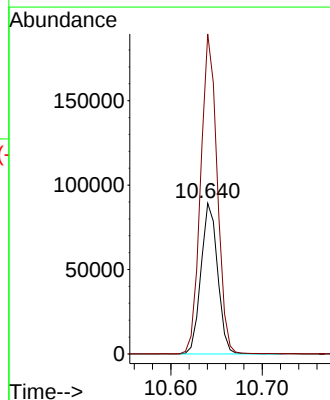
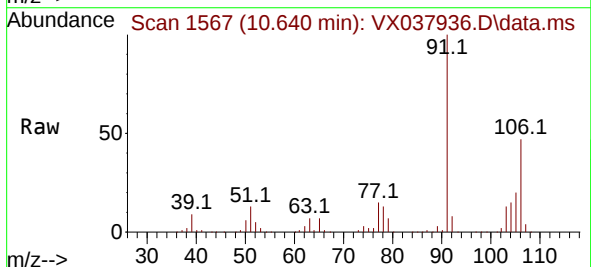
Acq: 27 Sep 2023 20:45

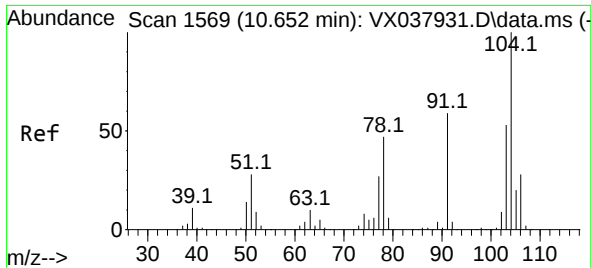
Tgt Ion:106 Resp: 112696

Ion Ratio Lower Upper

106 100

91 211.1 105.4 316.1





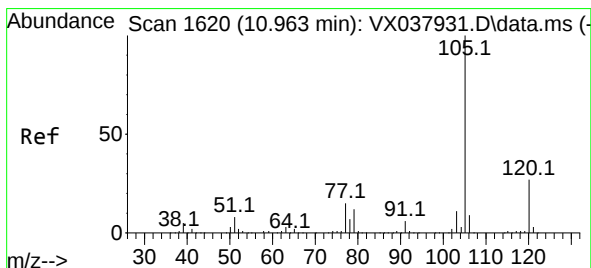
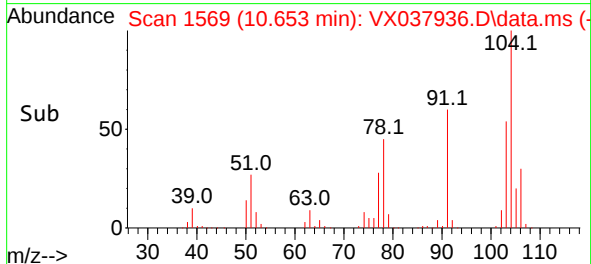
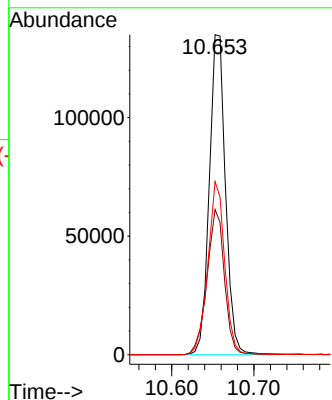
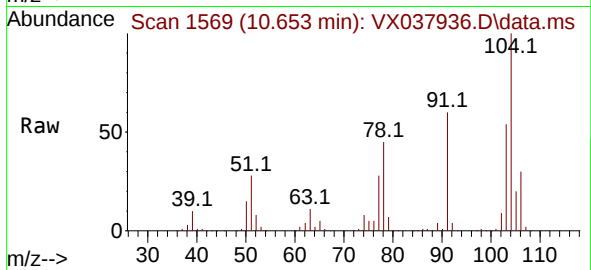
#69
Styrene
Concen: 20.607 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723

Tgt Ion:104 Resp: 18465
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.4
103 56.2 45.5 68.3

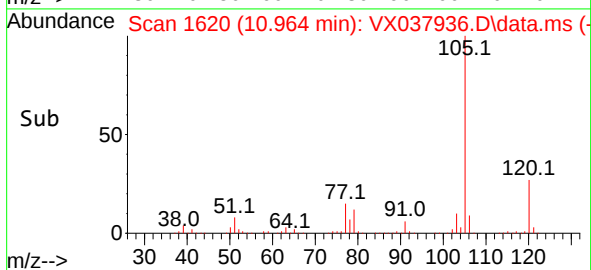
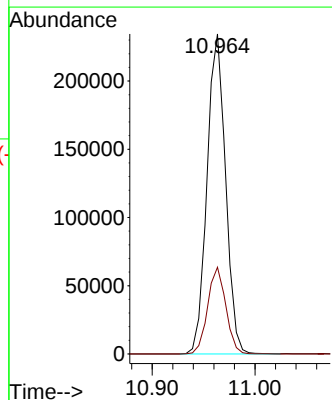
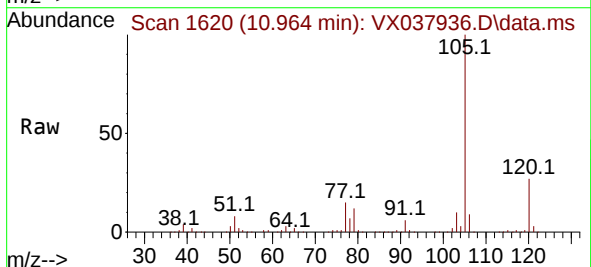
Manual Integrations
APPROVED

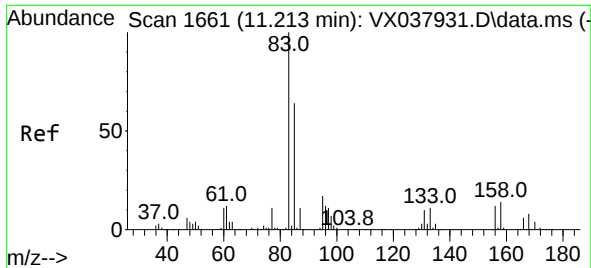
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#70
Isopropylbenzene
Concen: 20.769 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

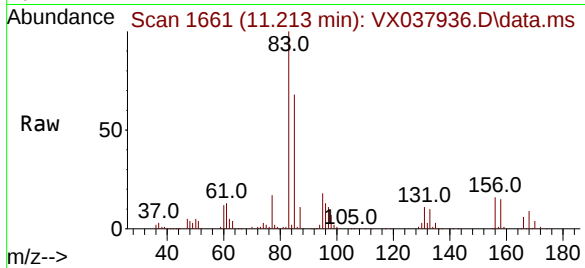
Tgt Ion:105 Resp: 294411
Ion Ratio Lower Upper
105 100
120 26.5 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.312 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

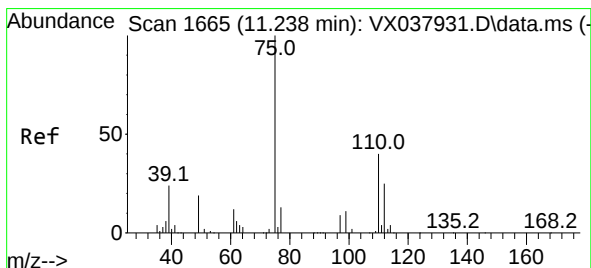
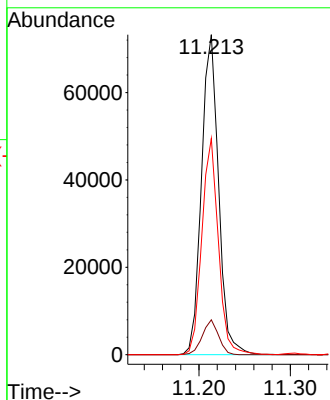
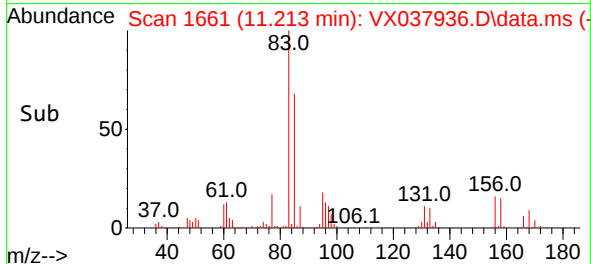
Instrument :
MSVOA_X
ClientSampleId :
ICVX092723



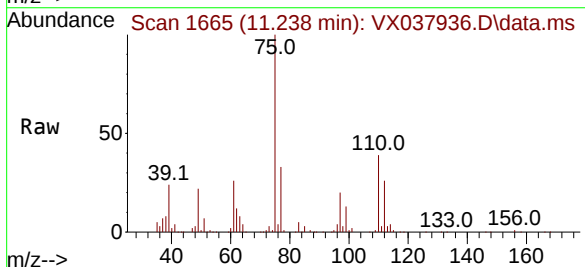
Tgt Ion: 83 Resp: 94890
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.5 32.4 97.0

Manual Integrations
APPROVED

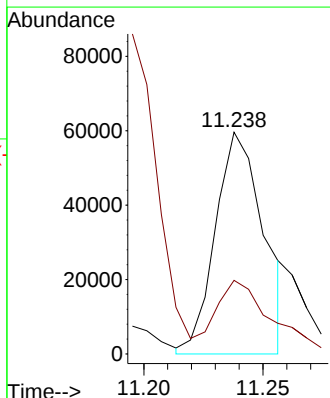
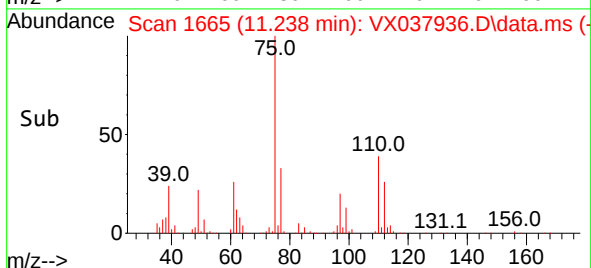
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

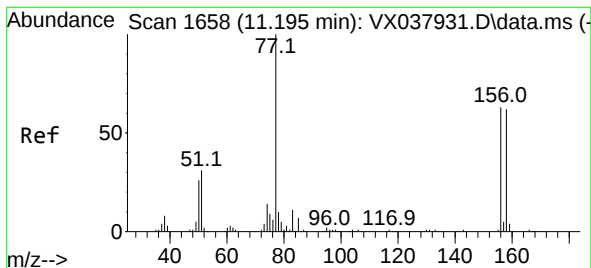


#72
1,2,3-Trichloropropane
Concen: 20.491 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion: 75 Resp: 84057
Ion Ratio Lower Upper
75 100
77 38.8 0.0 77.2





#73

Bromobenzene

Concen: 20.721 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092723

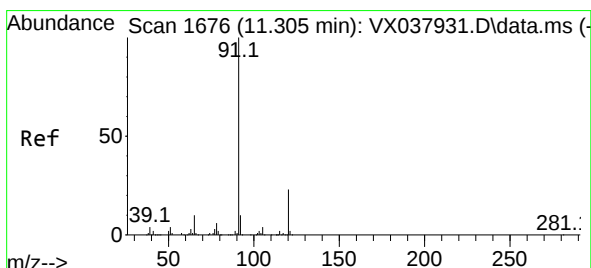
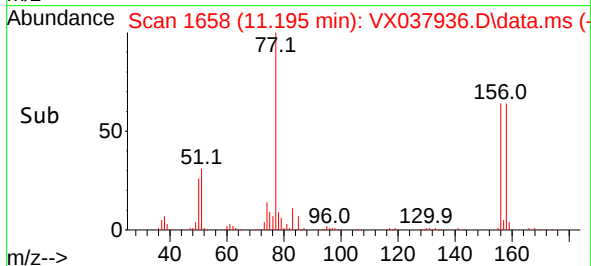
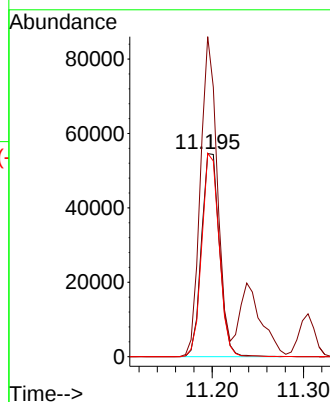
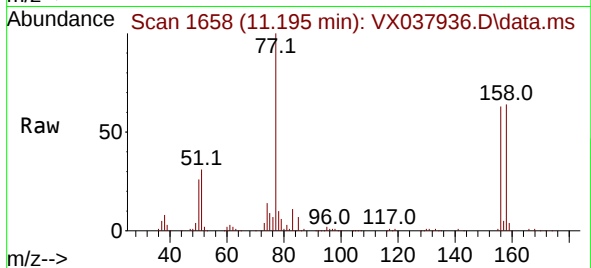
Tgt Ion:	156	Resp:	74502
Ion Ratio	Lower	Upper	
156	100		
77	147.8	0.0	333.0
158	96.7	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#74

n-propylbenzene

Concen: 20.557 ug/l

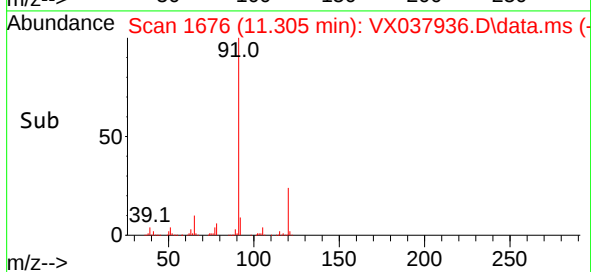
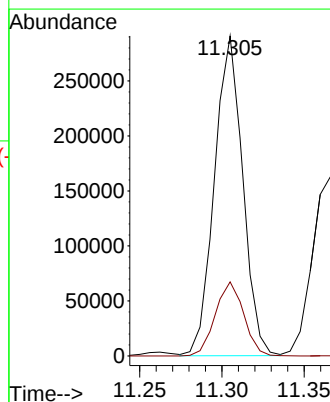
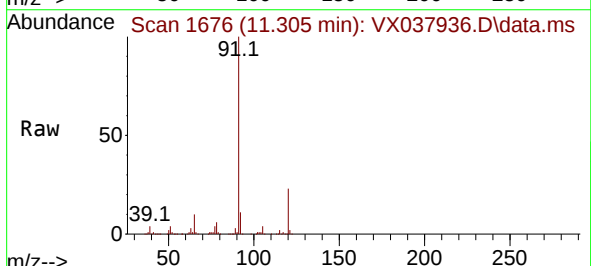
RT: 11.305 min Scan# 1676

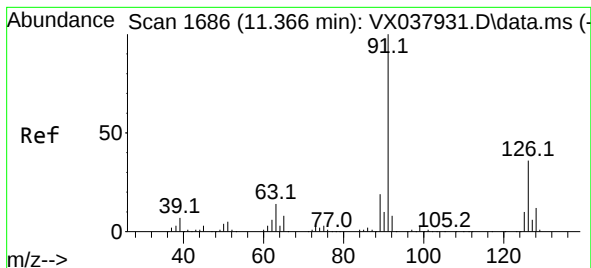
Delta R.T. 0.000 min

Lab File: VX037936.D

Acq: 27 Sep 2023 20:45

Tgt Ion:	91	Resp:	348130
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.6





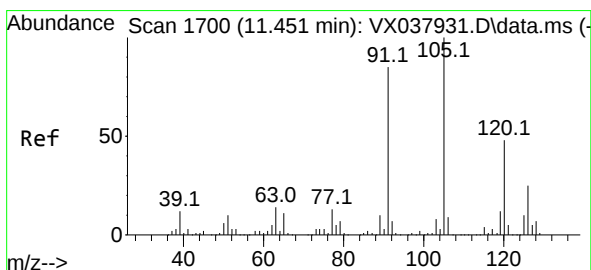
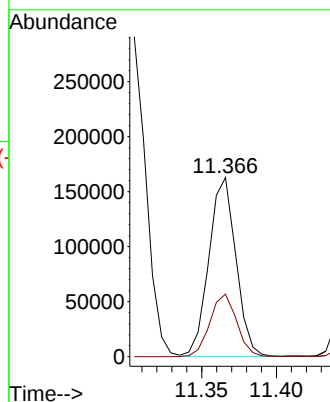
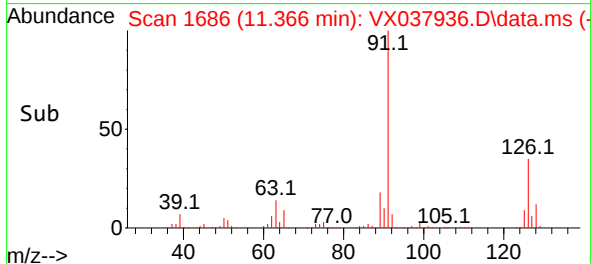
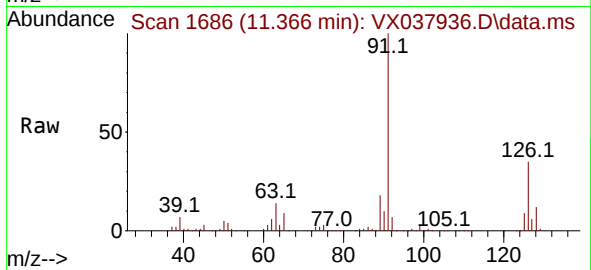
#75
2-Chlorotoluene
Concen: 20.609 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723

Tgt Ion: 91 Resp: 204324
Ion Ratio Lower Upper
91 100
126 34.8 0.0 66.2

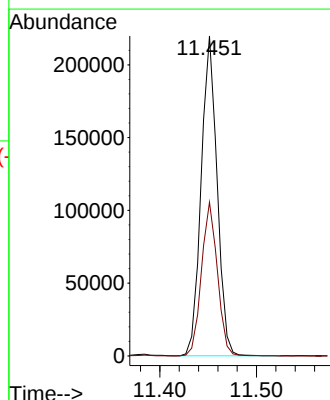
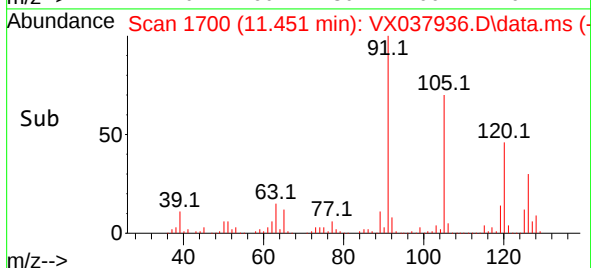
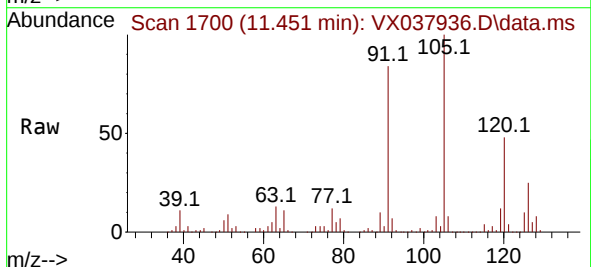
Manual Integrations
APPROVED

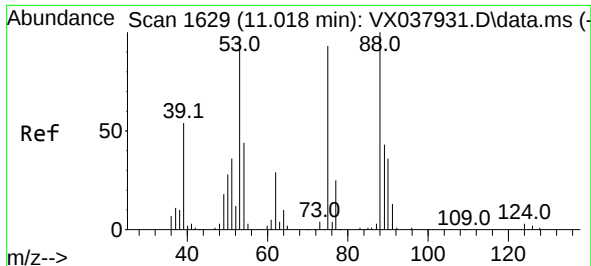
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.599 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

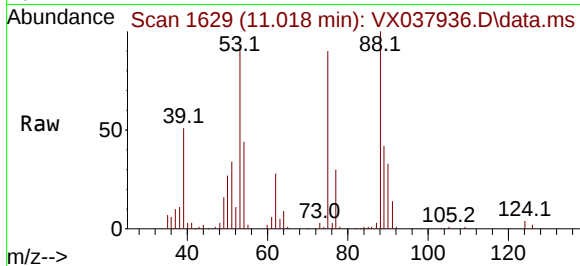
Tgt Ion:105 Resp: 251803
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.415 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

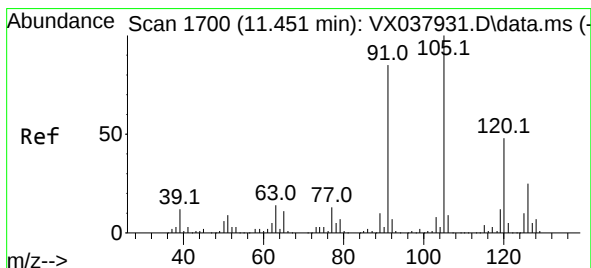
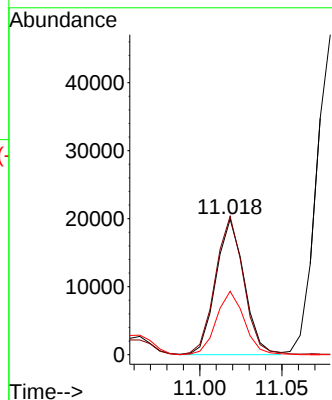
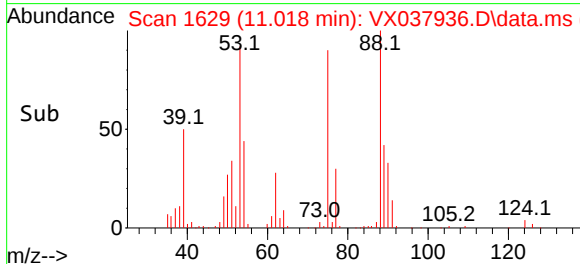
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion: 75 Resp: 23925
Ion Ratio Lower Upper
75 100
53 102.5 53.9 161.7
89 47.0 22.1 66.1

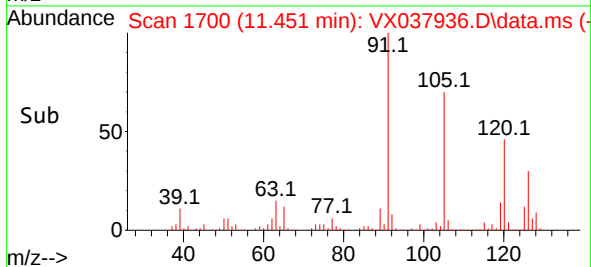
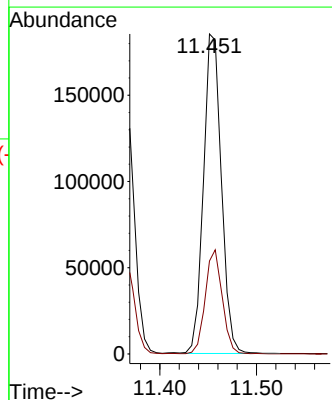
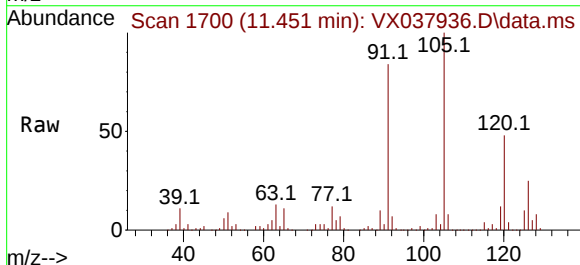
Manual Integrations
APPROVED

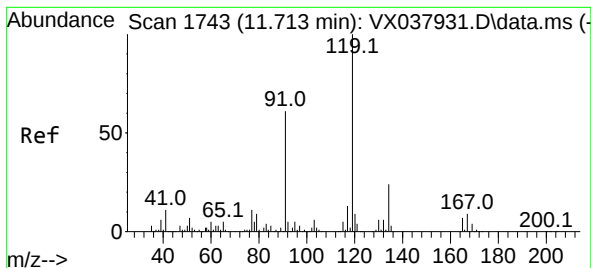
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 20.534 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

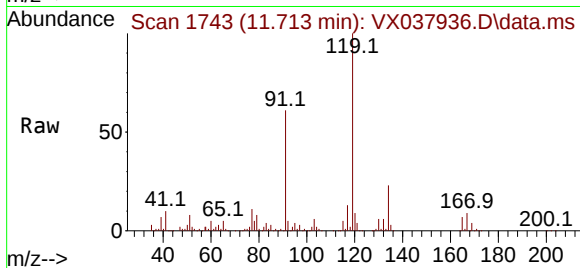
Tgt Ion: 91 Resp: 238819
Ion Ratio Lower Upper
91 100
126 30.9 0.0 59.4





#79
tert-butylbenzene
Concen: 20.378 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

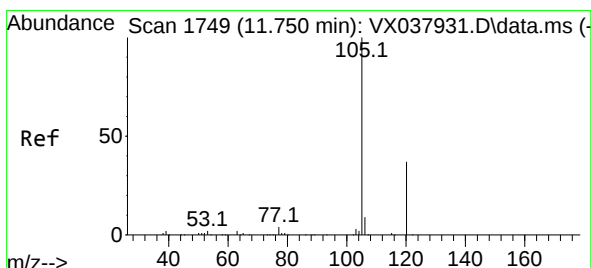
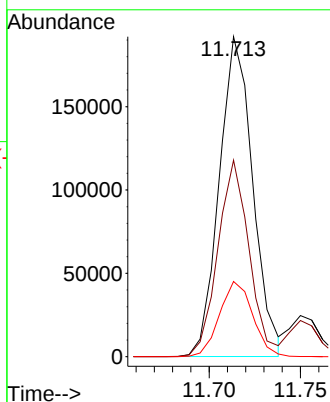
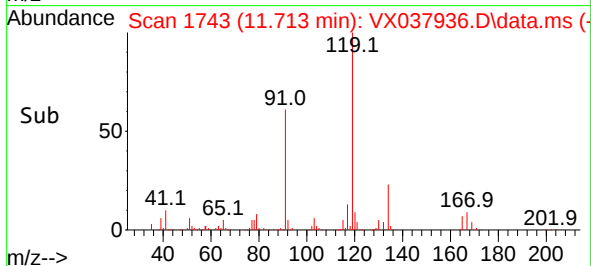
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



Tgt Ion:119 Resp: 245174
Ion Ratio Lower Upper
119 100
91 57.2 0.0 124.4
134 23.3 0.0 47.2

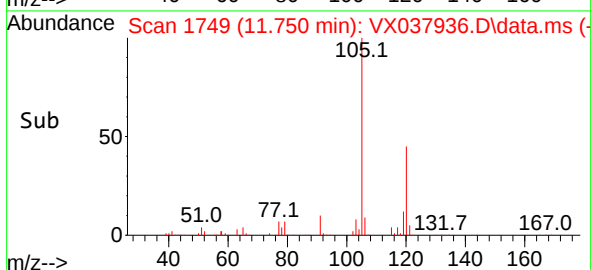
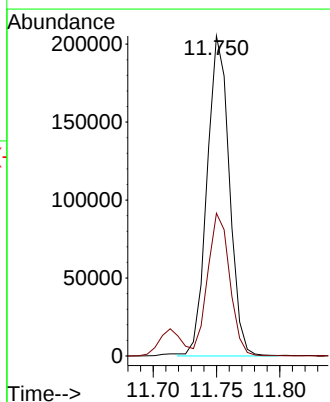
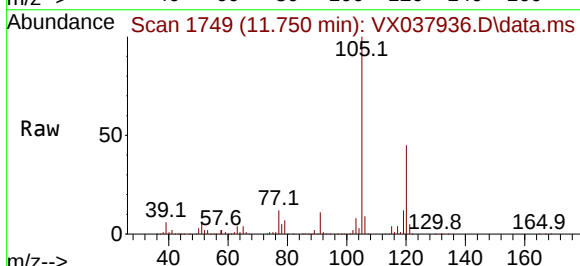
Manual Integrations
APPROVED

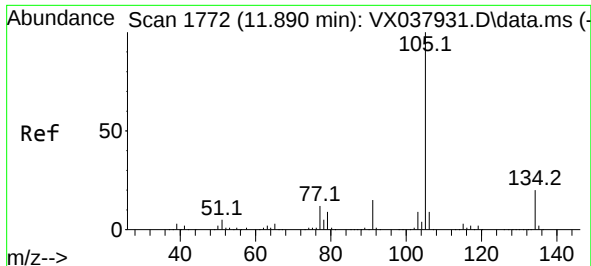
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.686 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Tgt Ion:105 Resp: 251378
Ion Ratio Lower Upper
105 100
120 44.1 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 20.413 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037936.D
 Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX092723

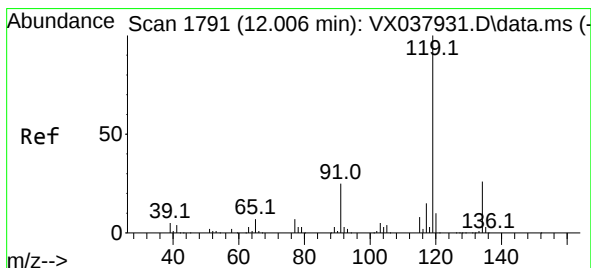
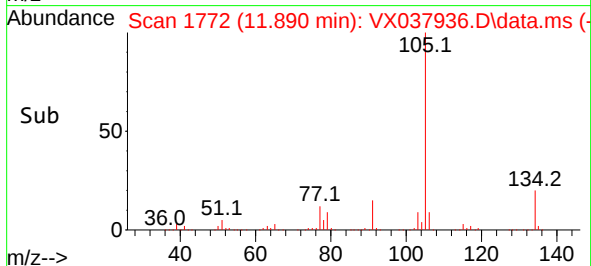
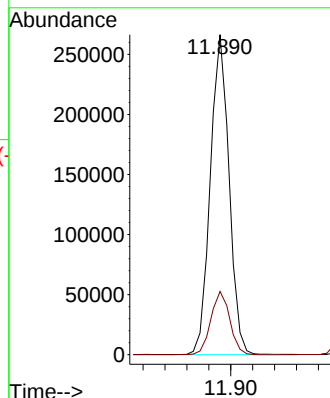
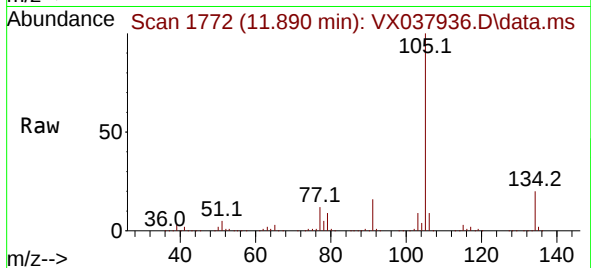
Tgt Ion:105 Resp: 315834
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.2

Manual Integrations

APPROVED

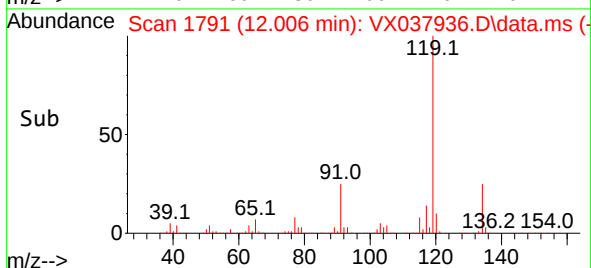
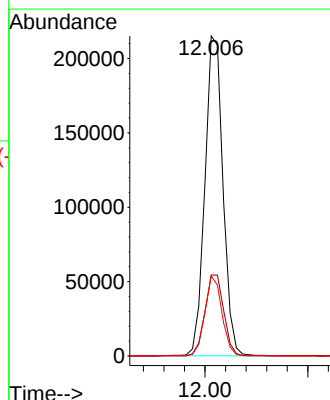
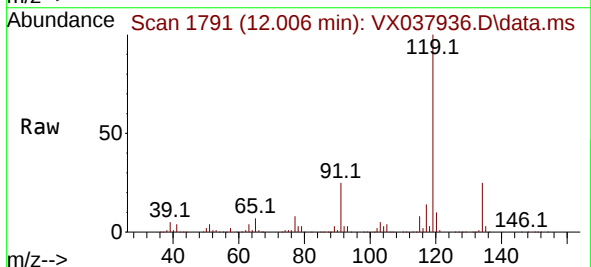
Reviewed By :John Carlone 09/28/2023

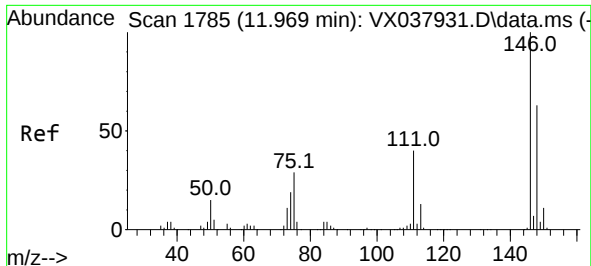
Supervised By :Semsettin Yesilyurt 09/28/2023



#82
 p-Isopropyltoluene
 Concen: 20.213 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037936.D
 Acq: 27 Sep 2023 20:45

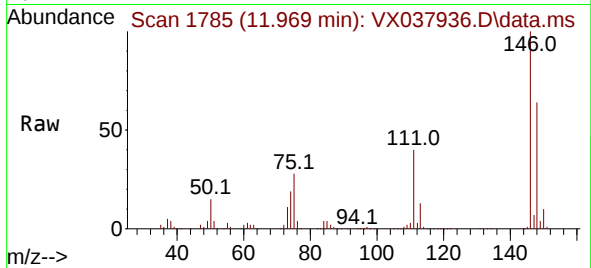
Tgt Ion:119 Resp: 262573
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.2
 91 23.7 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 20.508 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

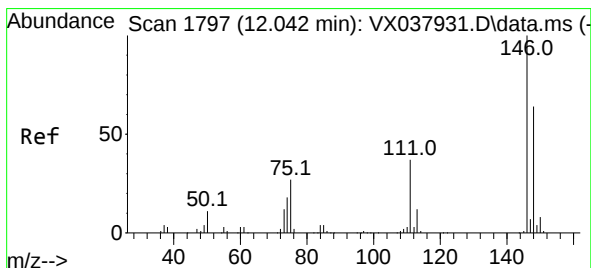
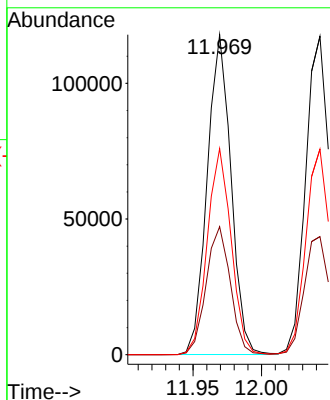
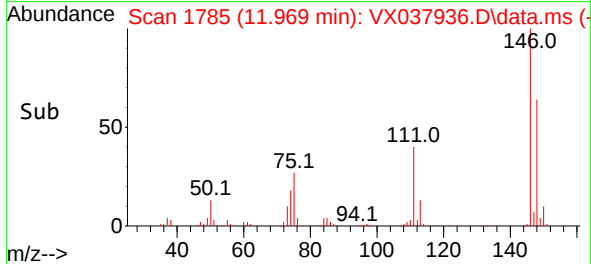
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



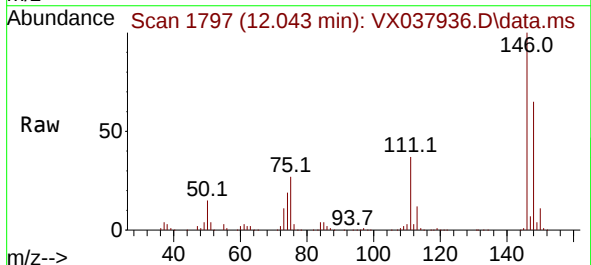
Tgt Ion:146 Resp: 142472
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.2
148 64.6 31.6 94.8

Manual Integrations
APPROVED

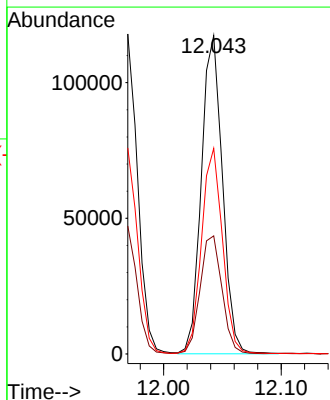
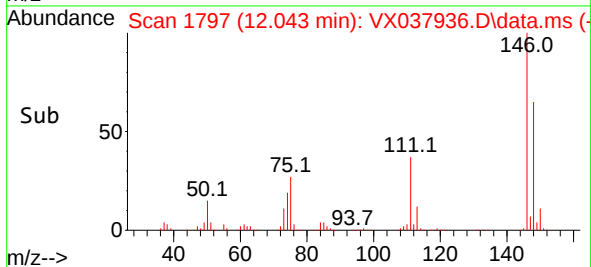
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

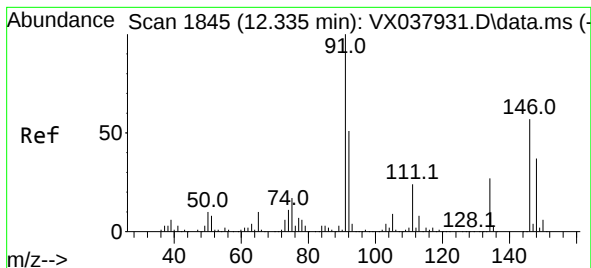


#84
1,4-Dichlorobenzene
Concen: 20.792 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



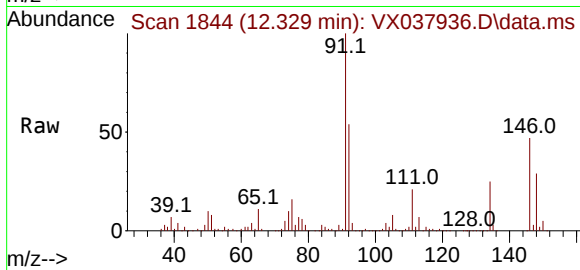
Tgt Ion:146 Resp: 146372
Ion Ratio Lower Upper
146 100
111 38.4 20.2 60.6
148 64.5 32.1 96.3





#85
n-Butylbenzene
Concen: 19.992 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

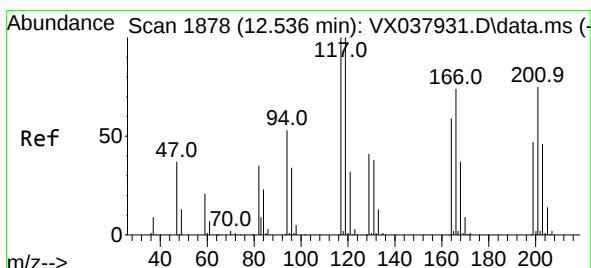
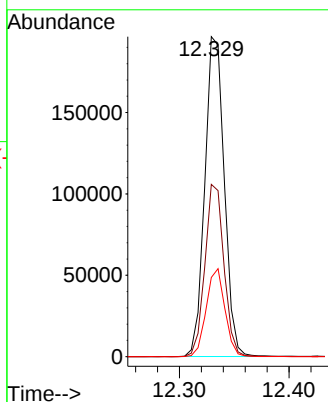
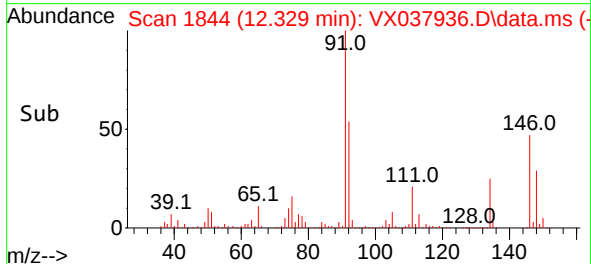
Instrument :
MSVOA_X
ClientSampleId :
ICVX092723



Tgt Ion: 91 Resp: 242979
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.2
134 26.4 0.0 51.4

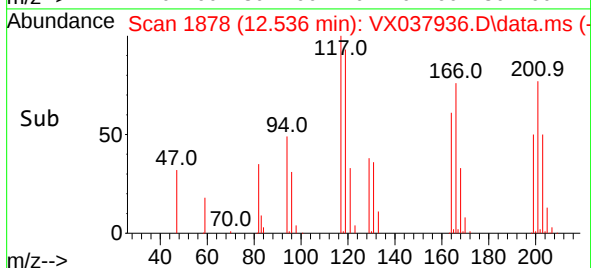
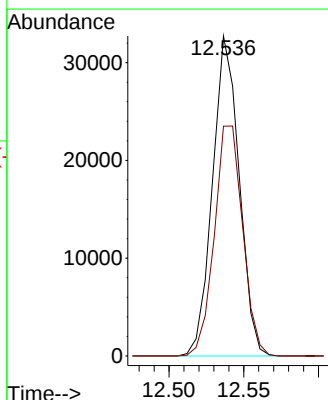
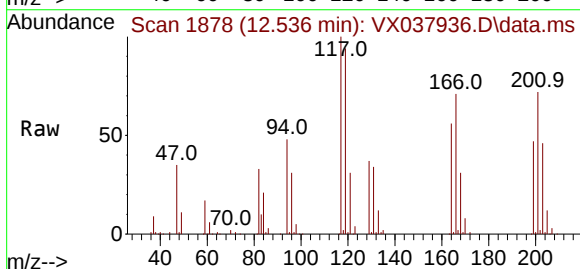
Manual Integrations
APPROVED

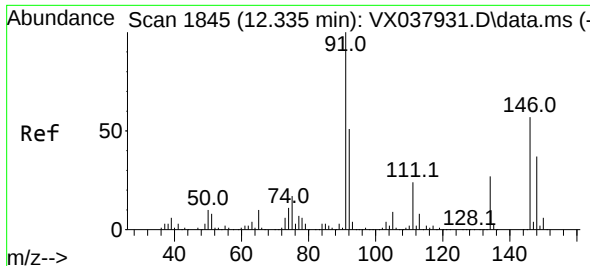
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#86
Hexachloroethane
Concen: 19.162 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

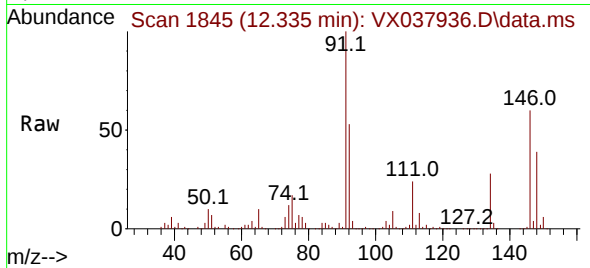
Tgt Ion:117 Resp: 40554
Ion Ratio Lower Upper
117 100
201 76.4 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 20.512 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

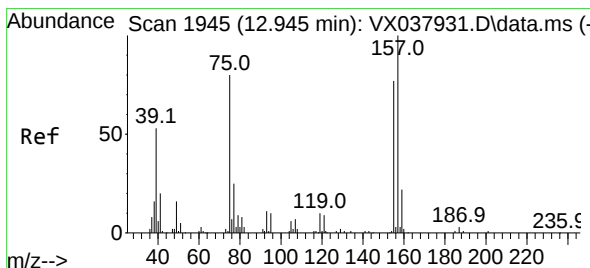
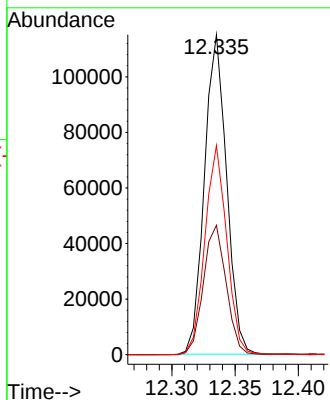
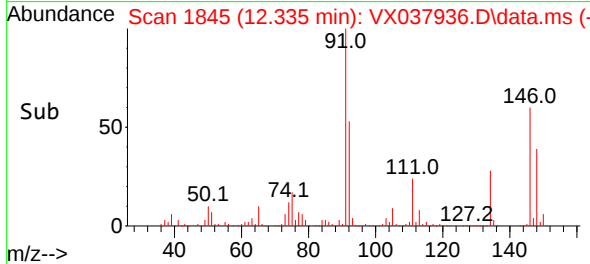
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



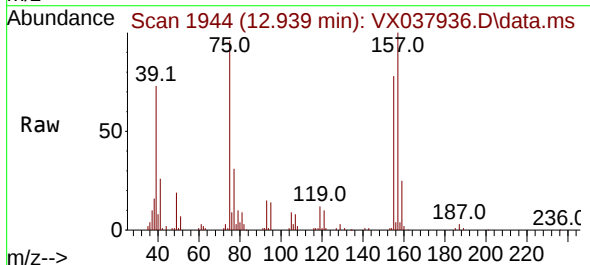
Tgt Ion:146 Resp: 140399
Ion Ratio Lower Upper
146 100
111 41.6 21.4 64.3
148 64.6 33.2 99.6

Manual Integrations
APPROVED

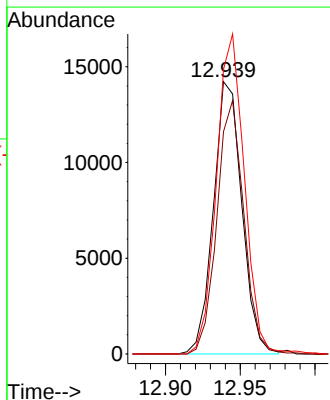
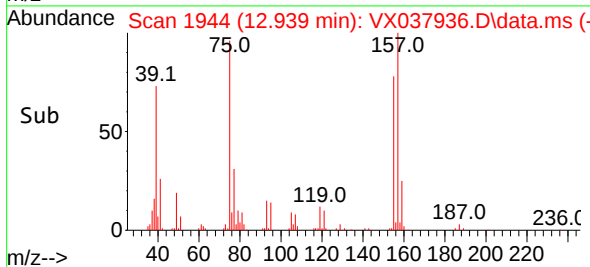
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

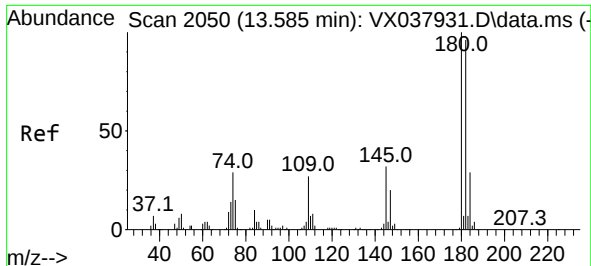


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.208 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion: 75 Resp: 18805
Ion Ratio Lower Upper
75 100
155 88.3 62.7 94.1
157 114.8 81.5 122.3





#89
1,2,4-Trichlorobenzene
Concen: 20.599 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

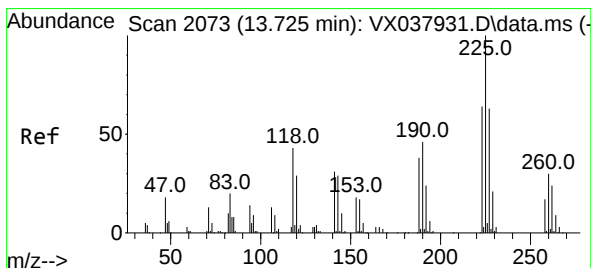
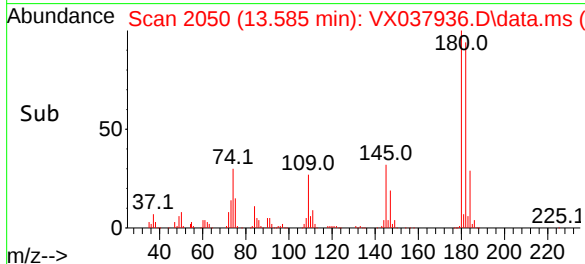
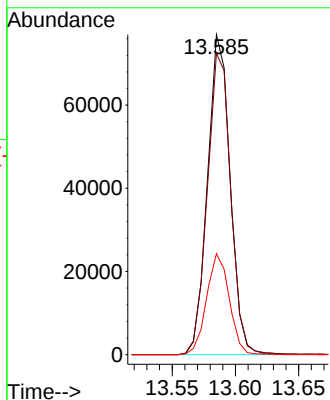
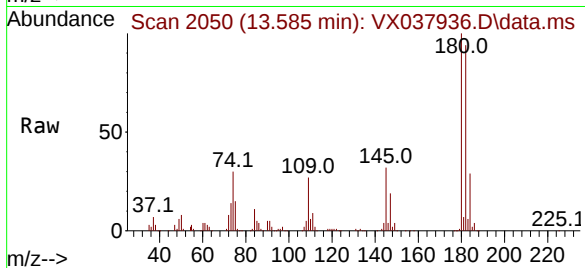
ICVVX092723

Tgt Ion:180 Resp: 95928
Ion Ratio Lower Upper
180 100
182 97.0 75.6 113.4
145 31.6 25.4 38.2

Manual Integrations

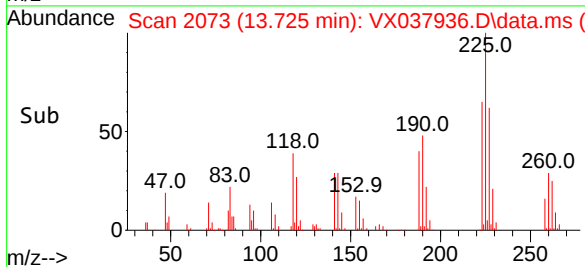
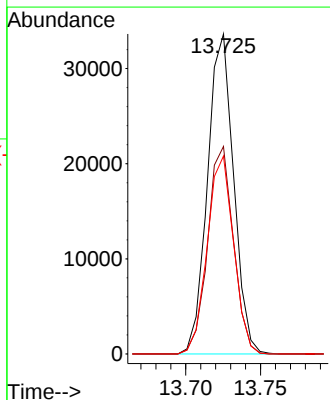
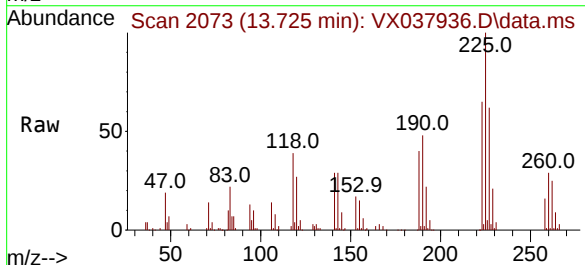
APPROVED

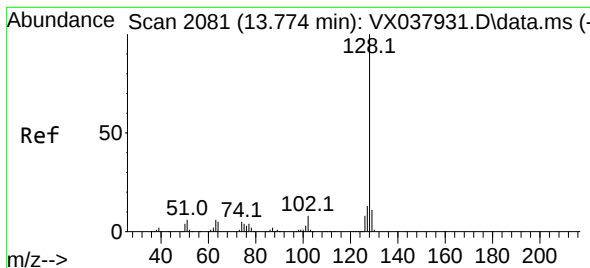
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#90
Hexachlorobutadiene
Concen: 19.966 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

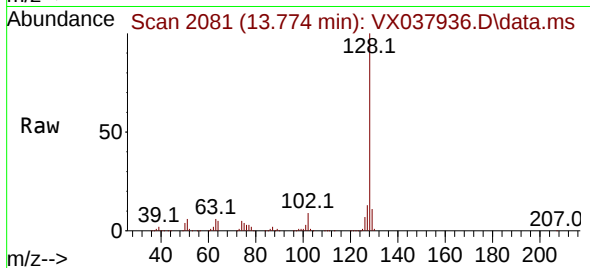
Tgt Ion:225 Resp: 40849
Ion Ratio Lower Upper
225 100
223 63.9 0.0 124.2
227 62.4 0.0 120.4





#91
Naphthalene
Concen: 20.757 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45

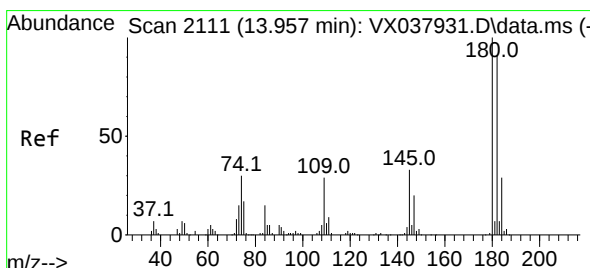
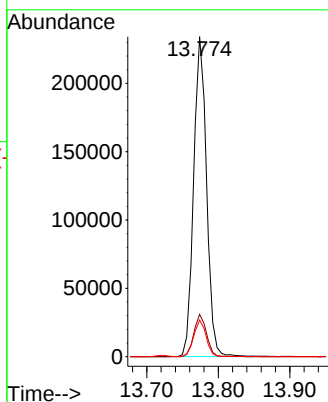
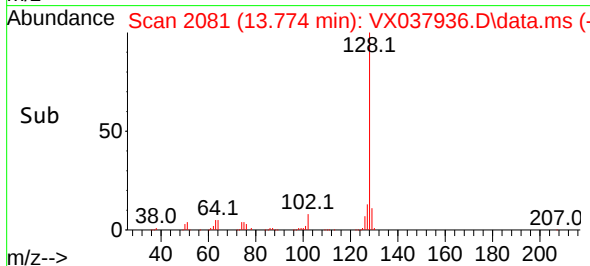
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092723



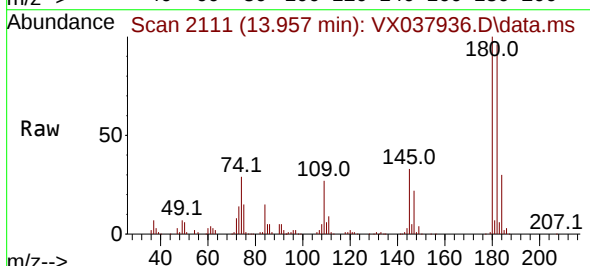
Tgt Ion:128 Resp: 29317
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.731 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX037936.D
Acq: 27 Sep 2023 20:45



Tgt Ion:180 Resp: 93992
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.6
145 32.6 0.0 66.8

