

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040772.D
 Acq On : 22 Mar 2024 11:43
 Operator : JC/MD
 Sample : VX0322WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 05:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	18263	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	102634	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93579	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	50985	27.952	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.167%	
60) 4-Bromofluorobenzene	11.079	95	51109	31.840	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	106.133%	
63) Toluene-d8	8.647	98	127210	30.760	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	21692	17.512	ug/l	98
3) Chloromethane	1.301	50	19265	15.179	ug/l	97
4) Vinyl Chloride	1.374	62	20133	14.678	ug/l	96
5) Bromomethane	1.612	94	14261	17.024	ug/l	94
6) Chloroethane	1.691	64	13730	17.038	ug/l	96
7) Trichlorofluoromethane	1.892	101	36758	17.602	ug/l	93
8) Diethyl Ether	2.130	74	12322	17.378	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	21885	19.132	ug/l	98
10) 1,1-Dichloroethene	2.325	96	19506	17.911	ug/l	95
11) Methyl Iodide	2.453	142	27526	20.897	ug/l	93
12) Methyl Acetate	2.697	43	33608	18.734	ug/l	97
13) Acrolein	2.233	56	28802	85.161	ug/l	99
14) Acrylonitrile	3.056	53	62831	88.943	ug/l	99
15) Acetone	2.374	58	17140	84.884	ug/l #	63
16) Carbon Disulfide	2.514	76	47390	15.833	ug/l	99
17) Allyl chloride	2.666	41	35694	17.760	ug/l	82
18) Methylene Chloride	2.788	84	22714	18.267	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	21639	18.199	ug/l	96
20) Diisopropyl ether	3.757	45	74142	18.446	ug/l	95
21) 1,1-Dichloroethane	3.605	63	42365	18.317	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	26024	18.847	ug/l	99
23) tert-Butyl Alcohol	2.941	59	26816m	80.344	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	72833	18.121	ug/l	95
25) Chloroform	5.087	83	46644	18.425	ug/l	90
26) Cyclohexane	5.465	56	33641	18.022	ug/l #	63
29) 1,1-Dichloropropene	5.696	75	33340	18.767	ug/l	96
30) 2-Butanone	4.544	43	92029	84.892	ug/l	98
31) 2,2-Dichloropropane	4.471	77	37683	19.653	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	40418	18.056	ug/l	96
33) Carbon Tetrachloride	5.672	117	35974	19.101	ug/l	92
34) Benzene	6.031	78	88393	18.431	ug/l	99
35) Methacrylonitrile	4.910	41	19501	17.523	ug/l	95
36) 1,2-Dichloroethane	6.080	62	39341	17.742	ug/l	96
37) Trichloroethene	7.123	130	23586	18.301	ug/l	92
38) Methylcyclohexane	7.373	83	35325	18.466	ug/l	97
39) 1,2-Dichloropropane	7.428	63	23394	19.159	ug/l	95
40) Dibromomethane	7.580	93	18148	18.919	ug/l	97
41) Bromodichloromethane	7.818	83	35566	18.637	ug/l	95
42) Vinyl Acetate	3.715	43	339885	91.062	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	35218	17.250	ug/l	97
44) Isopropyl Acetate	6.336	43	58395	17.918	ug/l	94
45) 1,4-Dioxane	7.653	88	10123	302.180	ug/l #	94
46) Methyl methacrylate	7.690	41	29932	18.492	ug/l	94
47) n-amyl Acetate	10.842	43	53946	19.206	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	36899	18.294	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	38109	18.547	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	23157	18.174	ug/l	94
51) Ethyl methacrylate	9.110	69	36467	18.179	ug/l	92
52) 1,3-Dichloropropane	9.305	76	42085	19.356	ug/l	98
53) Dibromochloromethane	9.519	129	25985	17.889	ug/l	99
54) 1,2-Dibromoethane	9.604	107	24929	17.681	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	104495	102.288	ug/l	99
56) Bromoform	10.799	173	17448	16.935	ug/l	92
58) 4-Methyl-2-Pentanone	8.568	43	195699	93.916	ug/l	97
59) 2-Hexanone	9.427	43	152641	90.688	ug/l	95
61) Tetrachloroethene	9.269	164	20033	18.036	ug/l	96
62) Toluene	8.714	91	99002	19.209	ug/l	98
64) Chlorobenzene	10.073	112	61648	19.570	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	22889	19.050	ug/l	99
66) Ethyl Benzene	10.189	91	114599	19.285	ug/l	98
67) m/p-Xylenes	10.299	106	81266	37.033	ug/l	97
68) o-Xylene	10.640	106	38785	18.360	ug/l	92
69) Styrene	10.653	104	66321	18.686	ug/l	98
70) Isopropylbenzene	10.957	105	112845	19.769	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	38978	19.478	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	33708m	18.721	ug/l	
73) Bromobenzene	11.195	156	26468	19.587	ug/l	96
74) n-propylbenzene	11.299	91	143786	20.396	ug/l	99
75) 2-Chlorotoluene	11.360	91	81653	19.517	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	96831	19.269	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	11178	19.976	ug/l	79
78) 4-Chlorotoluene	11.451	91	99018	19.840	ug/l	98
79) tert-butylbenzene	11.713	119	90128	19.215	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	92001	18.581	ug/l	99
81) sec-Butylbenzene	11.890	105	115626	18.671	ug/l	100
82) p-Isopropyltoluene	12.006	119	99157	19.562	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	48395	18.405	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	51533	19.165	ug/l	99
85) n-Butylbenzene	12.329	91	95982	19.460	ug/l	97
86) Hexachloroethane	12.536	117	16375	18.514	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	47739	18.684	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9442	17.646	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	32376	18.819	ug/l	96
90) Hexachlorobutadiene	13.725	225	13933	20.029	ug/l	98
91) Naphthalene	13.774	128	109803	19.567	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	33035	19.474	ug/l	100

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

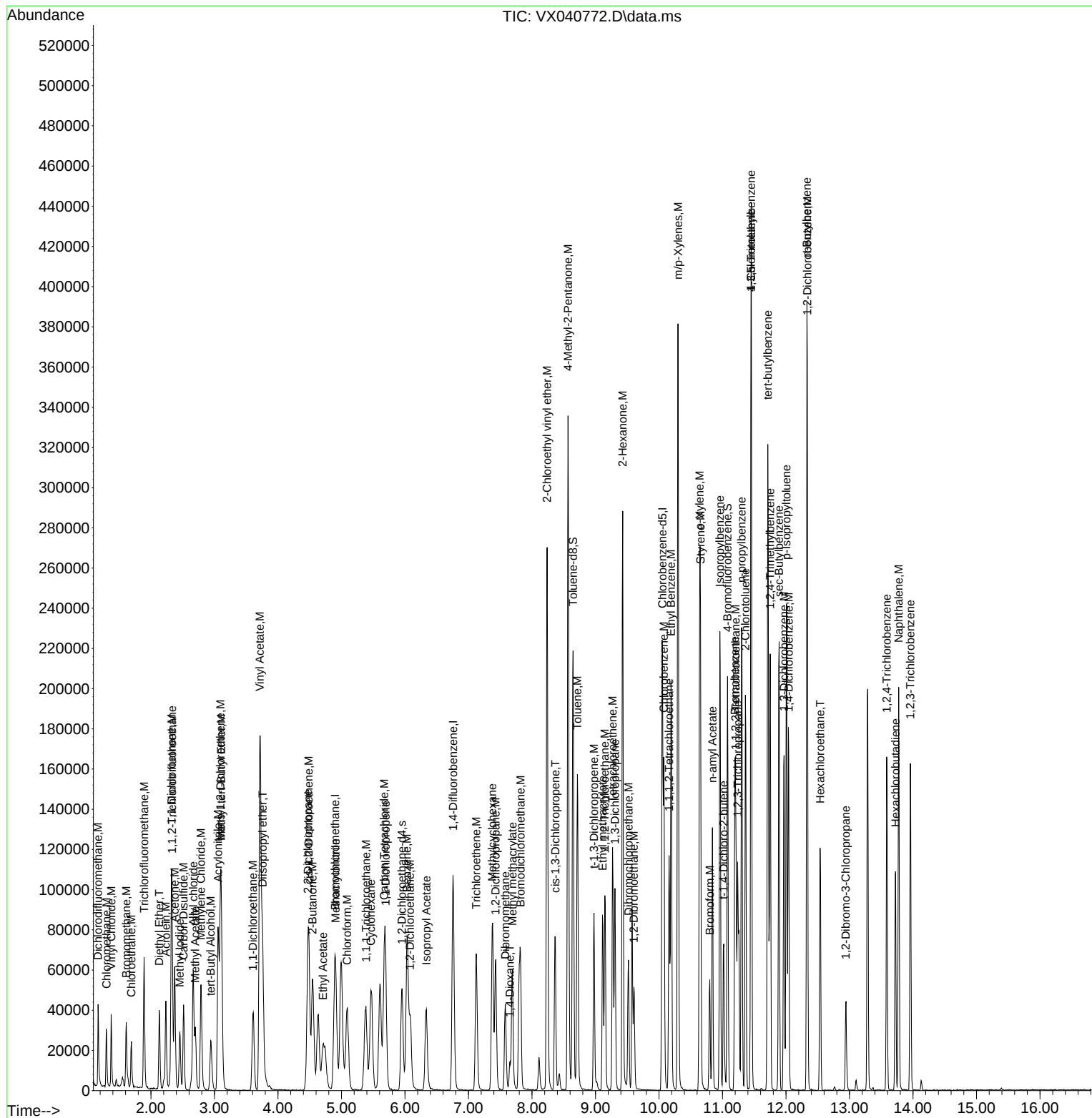
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040772.D
 Acq On : 22 Mar 2024 11:43
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 Sample : VX03222WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

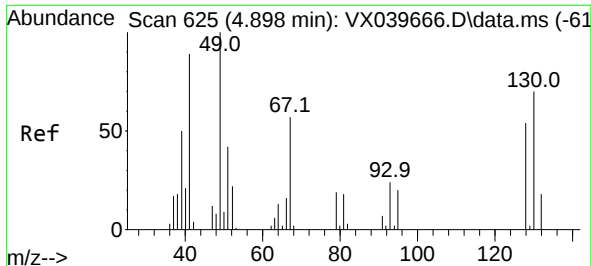
Instrument :
 MSVOA_X
 ClientSampleId :
 VX03222WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024

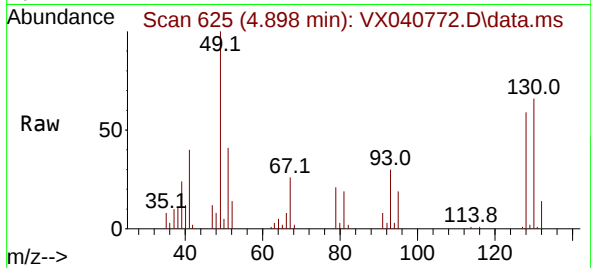
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

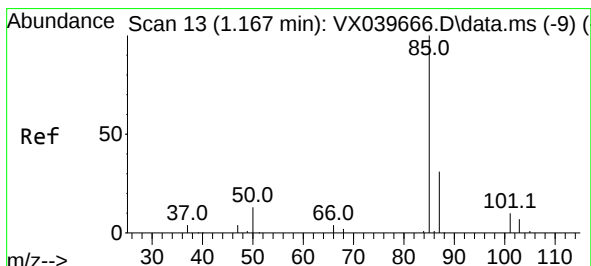
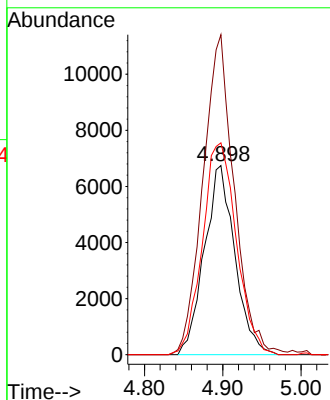
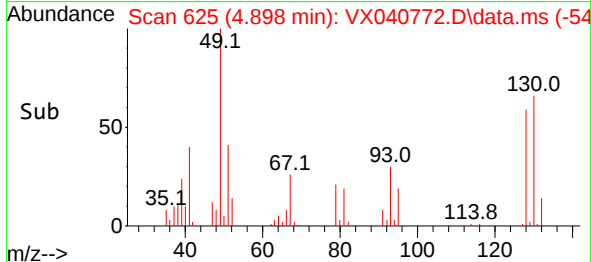
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



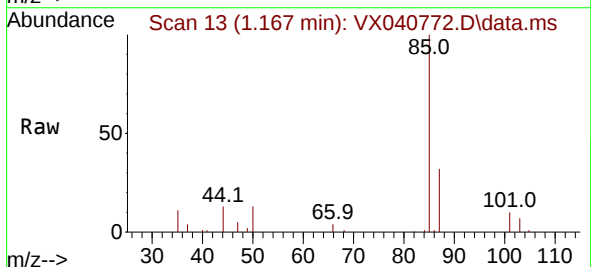
Tgt Ion:128 Resp: 1826
Ion Ratio Lower Upper
128 100
49 171.8 0.0 444.0
130 124.8 0.0 297.8

Manual Integrations
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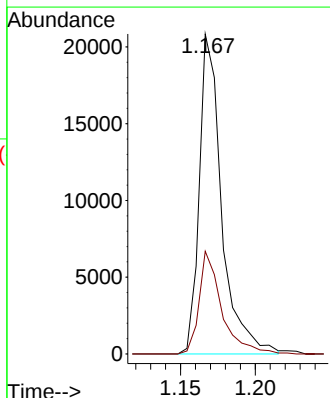
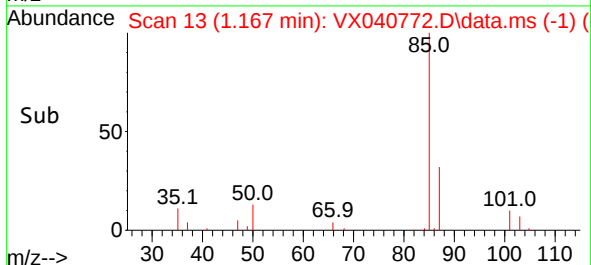
Reviewed By :John Carlone 03/25/2024
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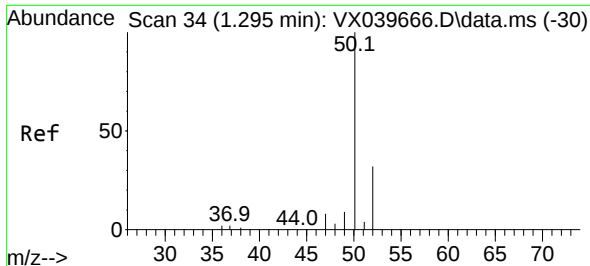


#2
Dichlorodifluoromethane
Concen: 17.512 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43



Tgt Ion: 85 Resp: 21692
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





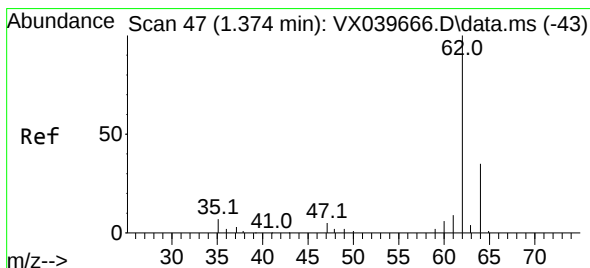
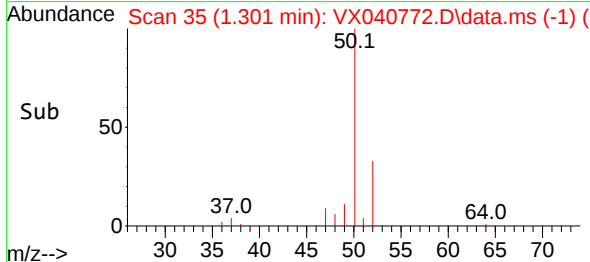
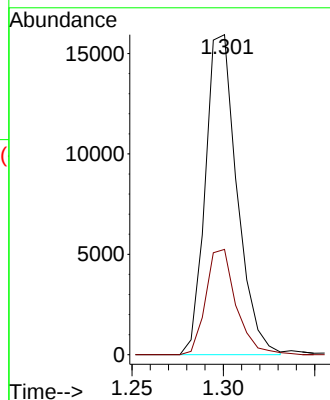
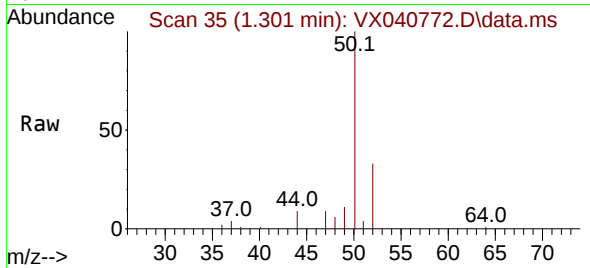
#3
Chloromethane
Concen: 15.179 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 50 Resp: 1926
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8

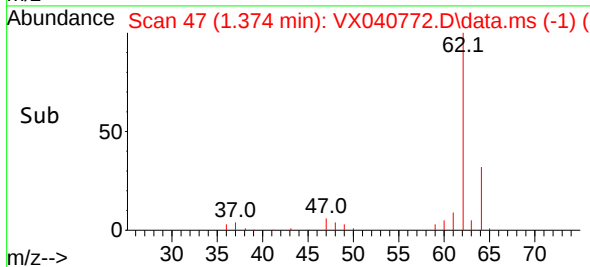
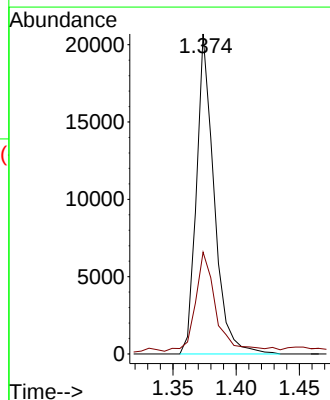
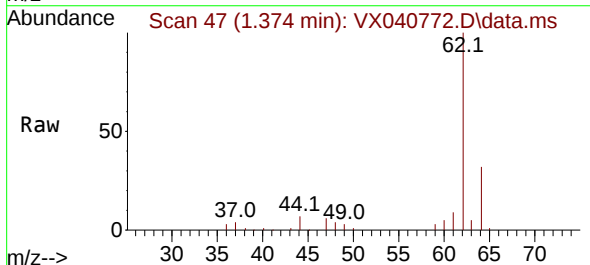
Manual Integrations
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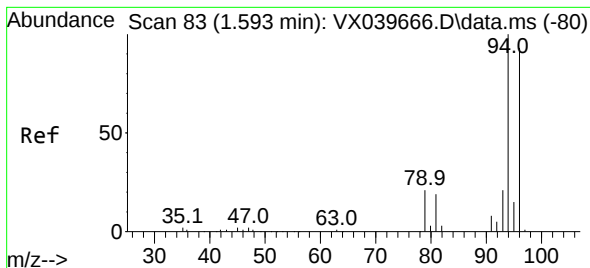
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#4
Vinyl Chloride
Concen: 14.678 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 62 Resp: 20133
Ion Ratio Lower Upper
62 100
64 30.5 26.3 39.5





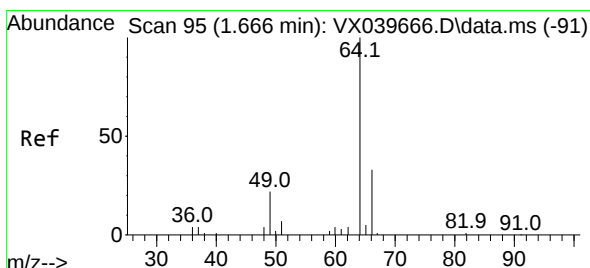
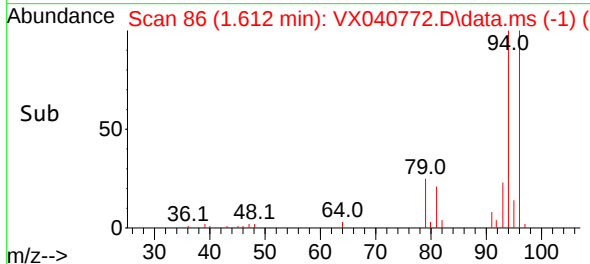
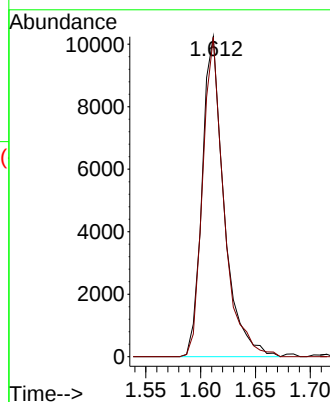
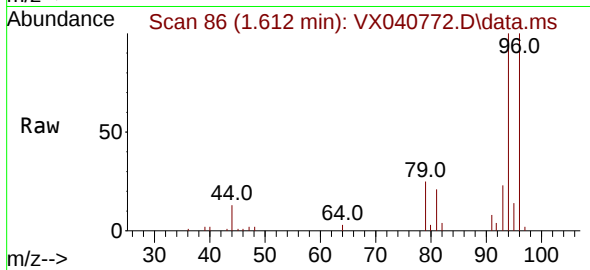
#5
Bromomethane
Concen: 17.024 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 94 Resp: 1426
Ion Ratio Lower Upper
94 100
96 99.7 74.9 112.3

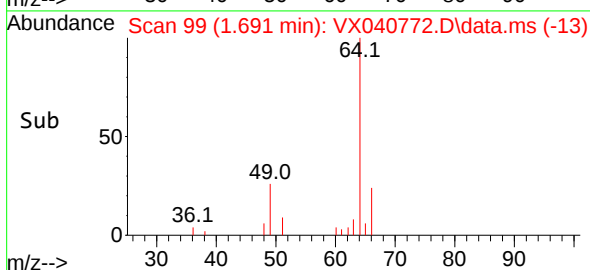
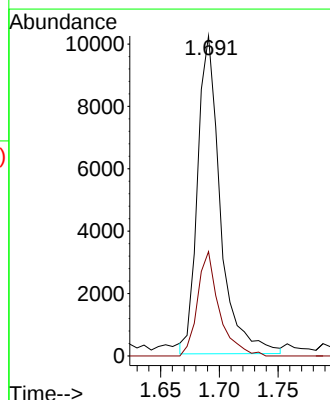
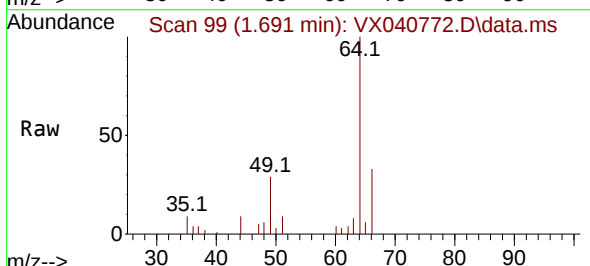
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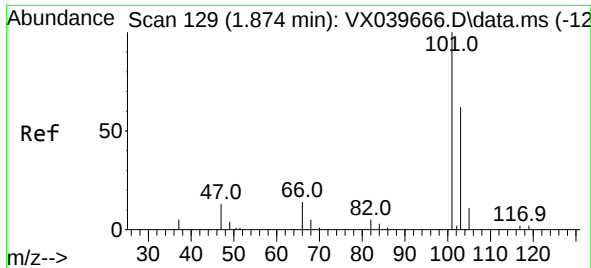
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#6
Chloroethane
Concen: 17.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

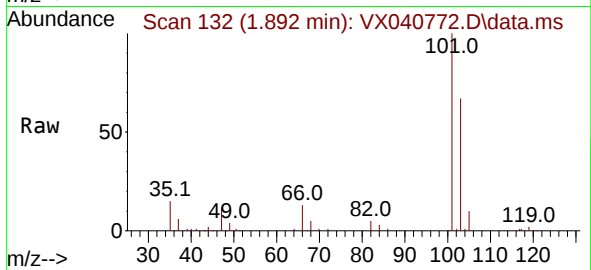
Tgt Ion: 64 Resp: 13730
Ion Ratio Lower Upper
64 100
66 33.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 17.602 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

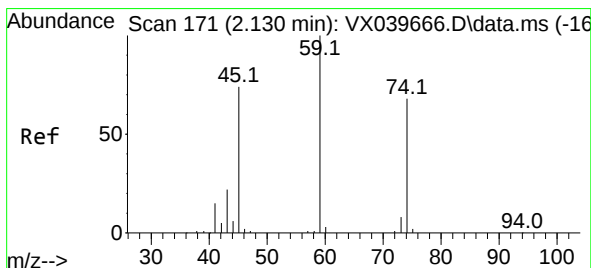
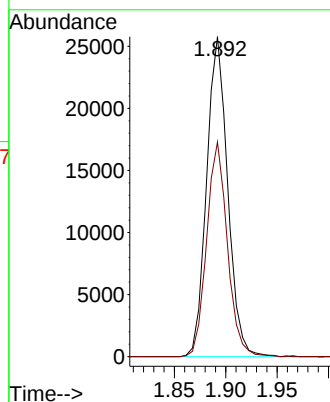
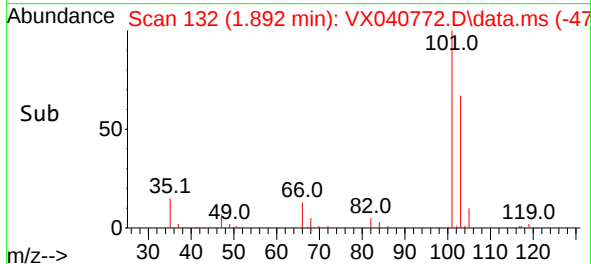
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:101 Resp: 36758
Ion Ratio Lower Upper
101 100
103 67.1 49.1 73.7

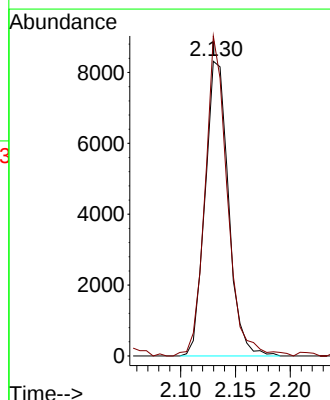
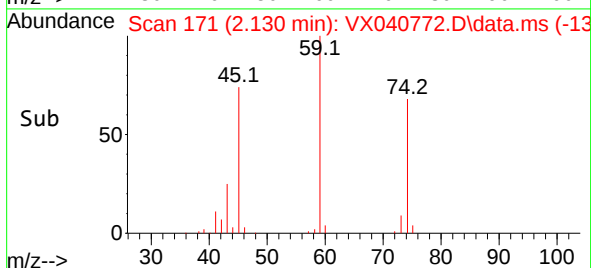
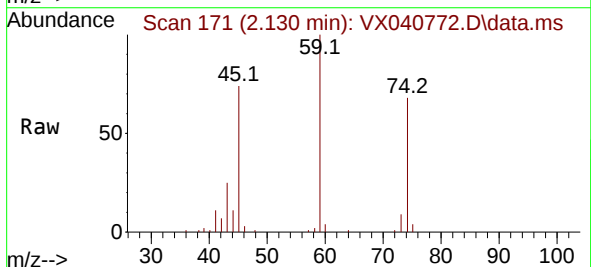
Manual Integrations
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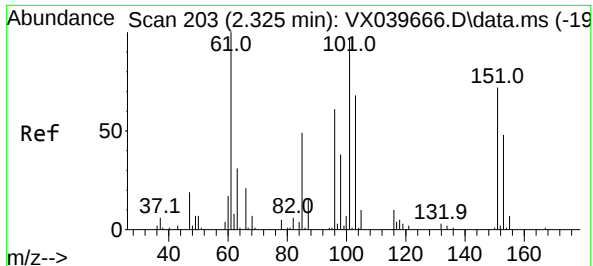
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#8
Diethyl Ether
Concen: 17.378 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 74 Resp: 12322
Ion Ratio Lower Upper
74 100
45 102.3 20.5 184.5





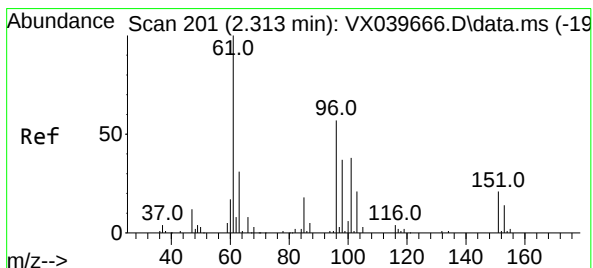
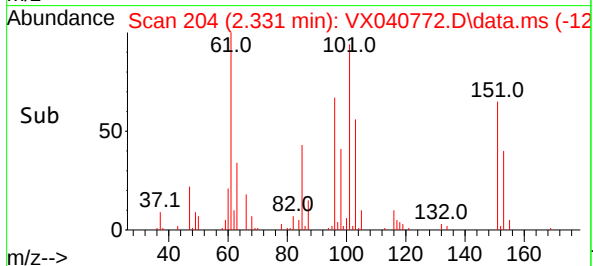
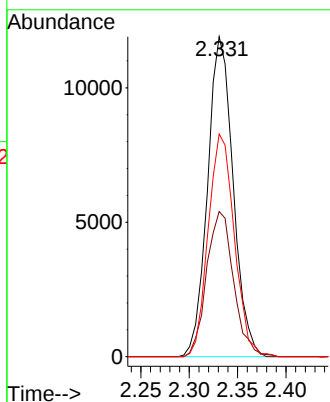
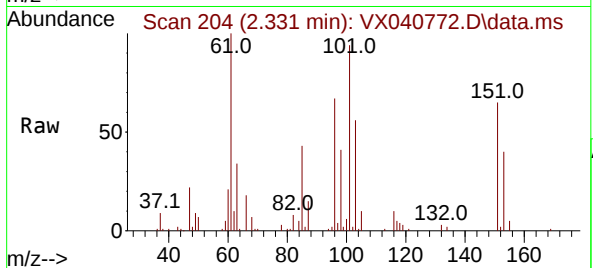
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1,1,2-Trichlorotrifluoroethane
Concen: 19.132 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

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ClientSampleId :
VX0322WBSD01

Tgt Ion:101 Resp: 2188
Ion Ratio Lower Upper
101 100
85 47.5 0.0 95.2
151 70.6 0.0 136.8

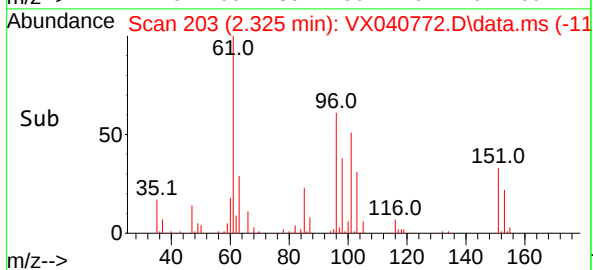
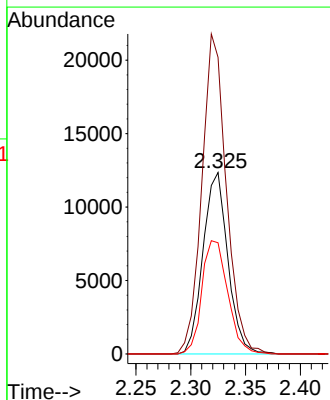
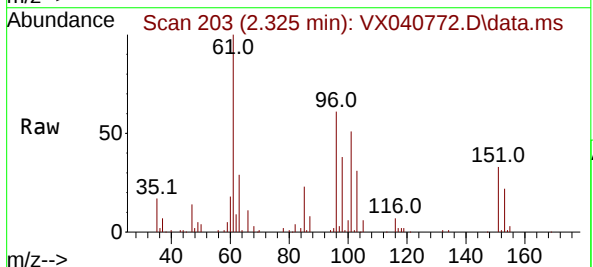
Manual Integrations
APPROVED

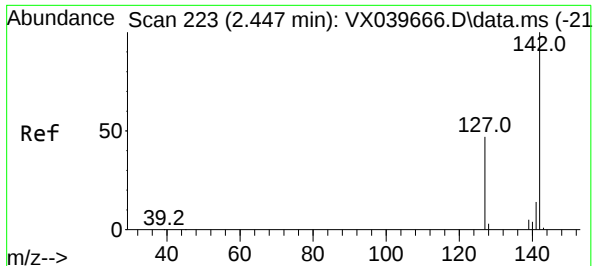
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#10
1,1-Dichloroethene
Concen: 17.911 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

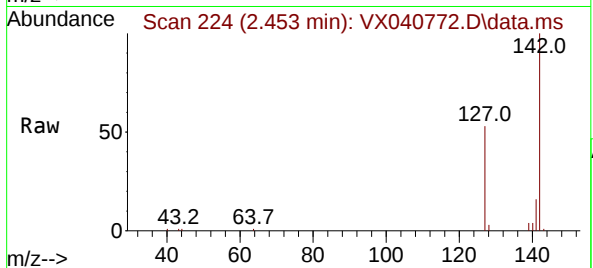
Tgt Ion: 96 Resp: 19506
Ion Ratio Lower Upper
96 100
61 163.4 138.3 207.5
98 61.3 49.8 74.6





#11
Methyl Iodide
Concen: 20.897 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

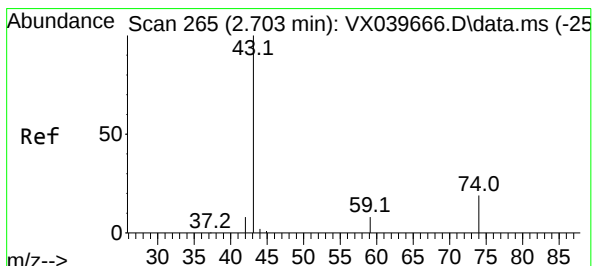
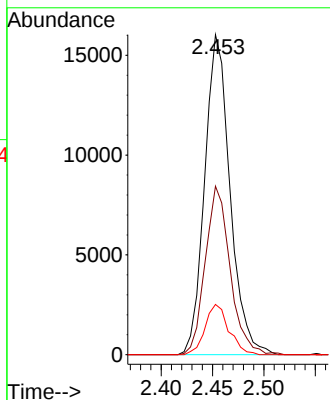
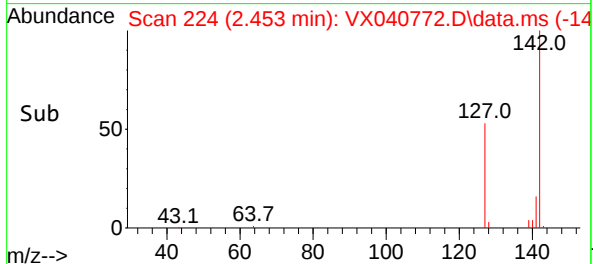
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:142 Resp: 27520
Ion Ratio Lower Upper
142 100
127 52.4 23.8 71.4
141 15.7 6.9 20.6

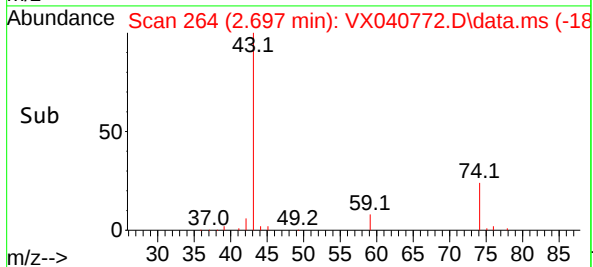
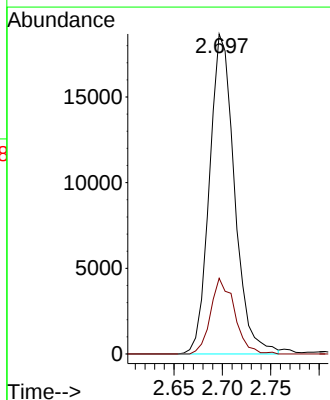
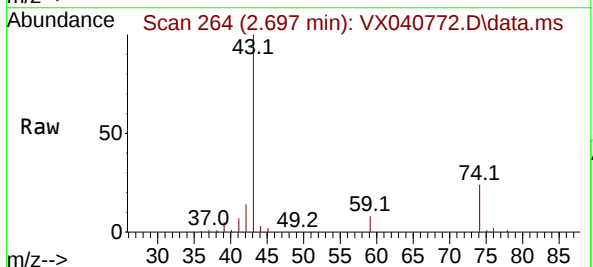
Manual Integrations
APPROVED

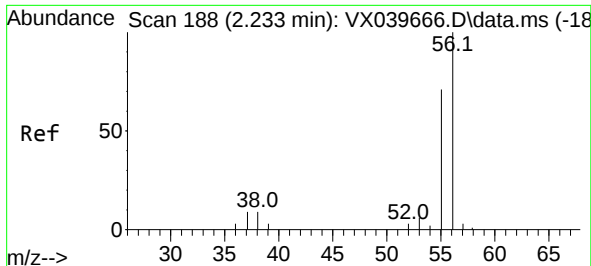
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#12
Methyl Acetate
Concen: 18.734 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

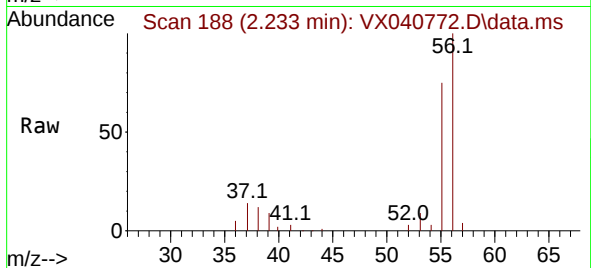
Tgt Ion: 43 Resp: 33608
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.6





#13
Acrolein
Concen: 85.161 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

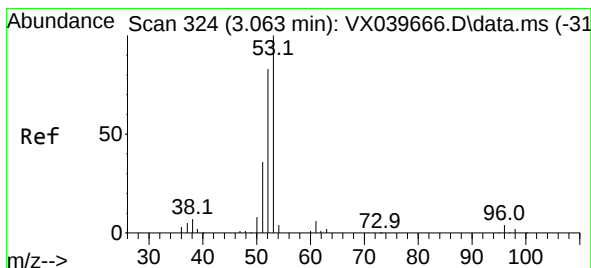
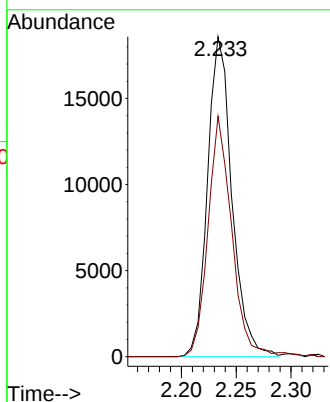
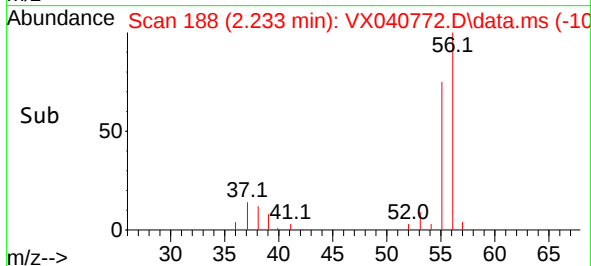
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



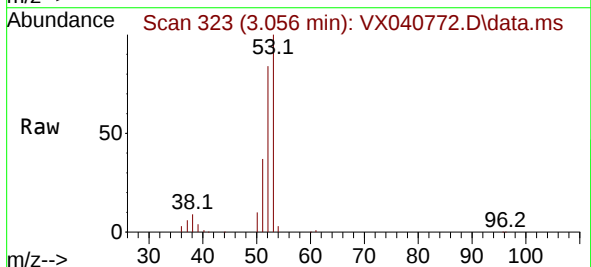
Tgt Ion: 56 Resp: 2880
Ion Ratio Lower Upper
56 100
55 72.4 57.2 85.8

Manual Integrations
APPROVED

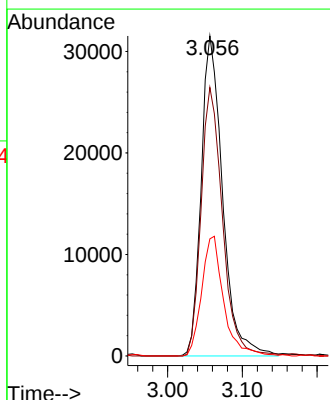
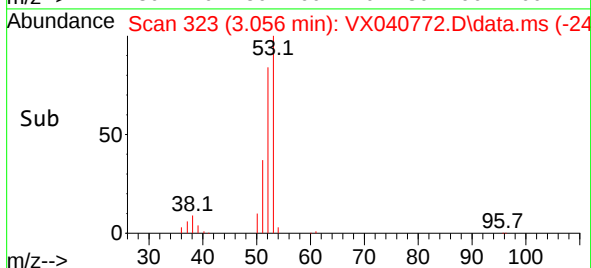
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

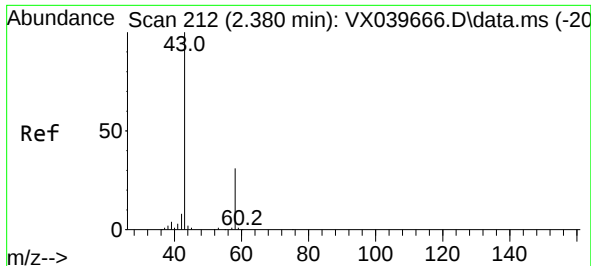


#14
Acrylonitrile
Concen: 88.943 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.007 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43



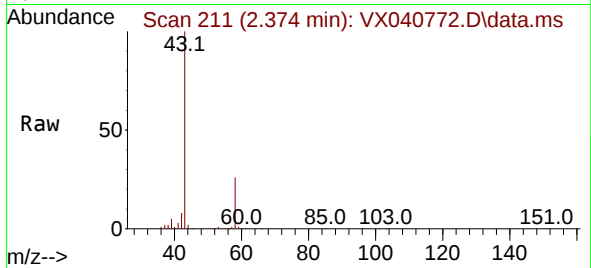
Tgt Ion: 53 Resp: 62831
Ion Ratio Lower Upper
53 100
52 83.8 41.9 125.6
51 38.3 18.3 54.9





#15
Acetone
Concen: 84.884 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

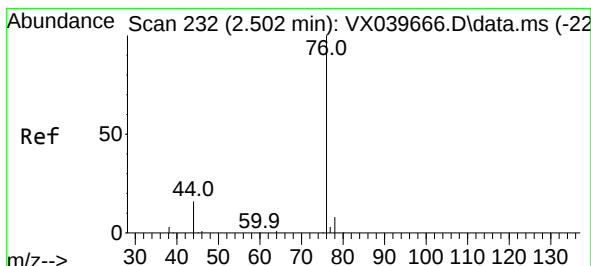
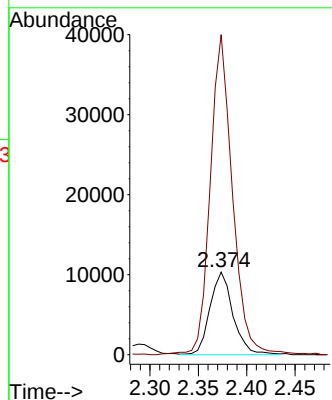
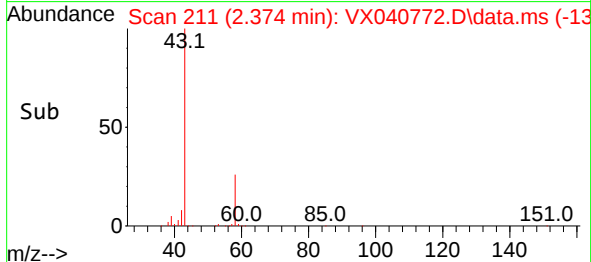
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 58 Resp: 17140
Ion Ratio Lower Upper
58 100
43 387.5 249.9 374.9

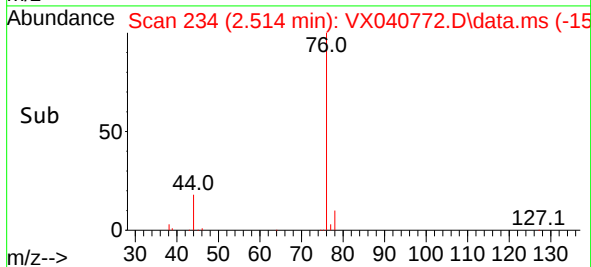
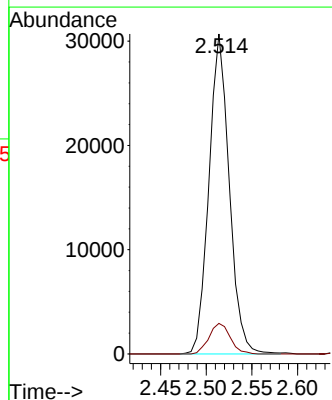
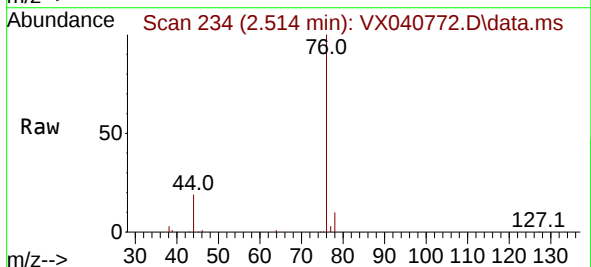
Manual Integrations
APPROVED

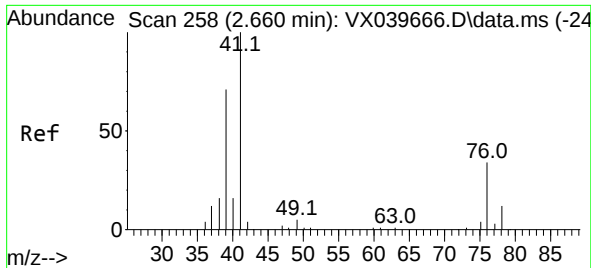
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#16
Carbon Disulfide
Concen: 15.833 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 76 Resp: 47390
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17
 Allyl chloride
 Concen: 17.760 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.006 min
 Lab File: VX040772.D
 Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

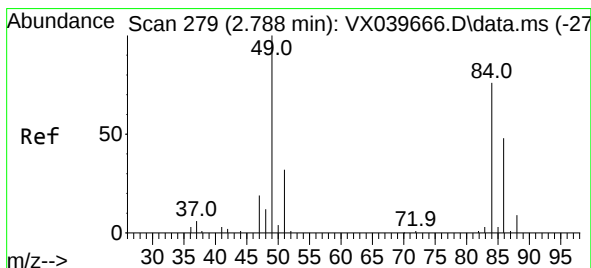
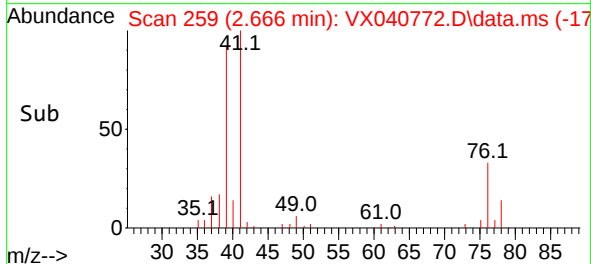
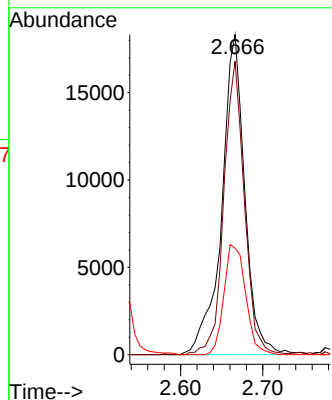
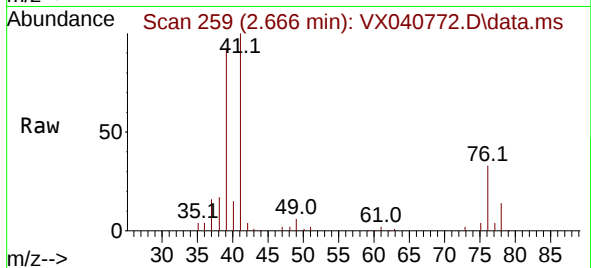
VX0322WBSD01

Tgt Ion: 41 Resp: 35694
 Ion Ratio Lower Upper
 41 100
 39 91.7 36.5 109.5
 76 33.3 19.7 59.0

Manual Integrations

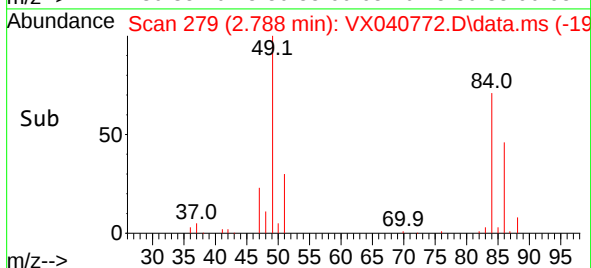
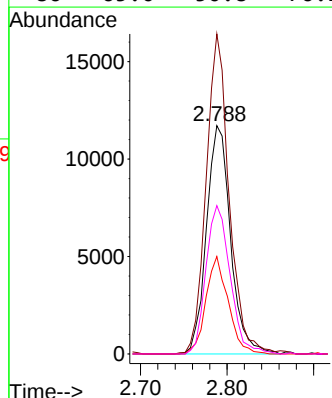
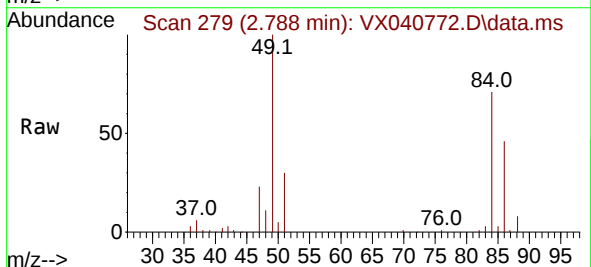
APPROVED

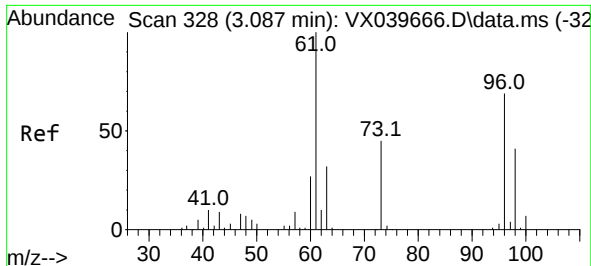
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#18
 Methylene Chloride
 Concen: 18.267 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040772.D
 Acq: 22 Mar 2024 11:43

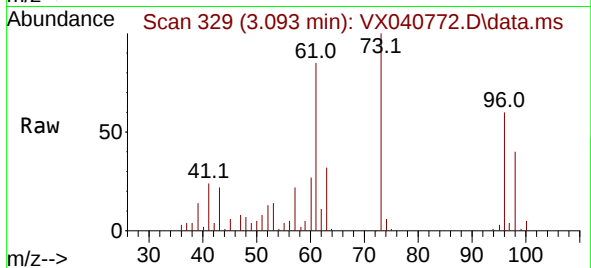
Tgt Ion: 84 Resp: 22714
 Ion Ratio Lower Upper
 84 100
 49 139.6 103.8 155.8
 51 42.7 31.8 47.6
 86 65.0 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 18.199 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

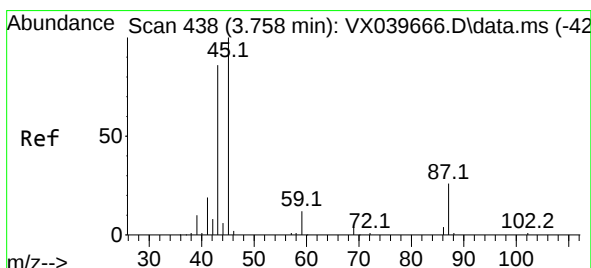
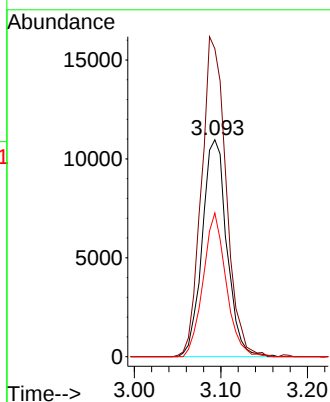
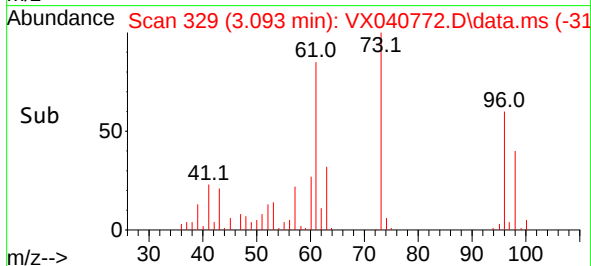
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 96 Resp: 21639
Ion Ratio Lower Upper
96 100
61 141.9 117.9 176.9
98 66.3 51.0 76.6

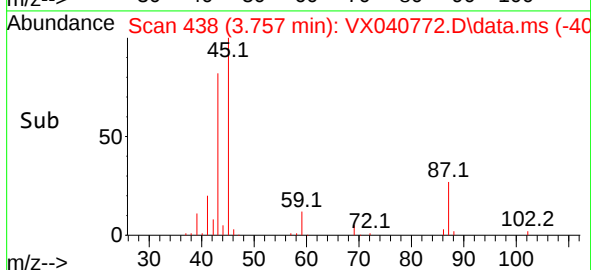
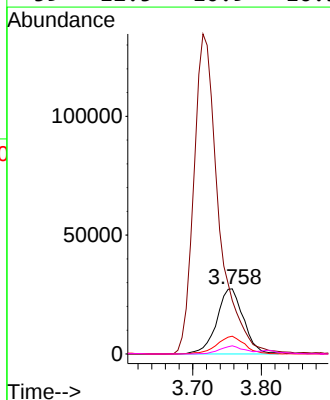
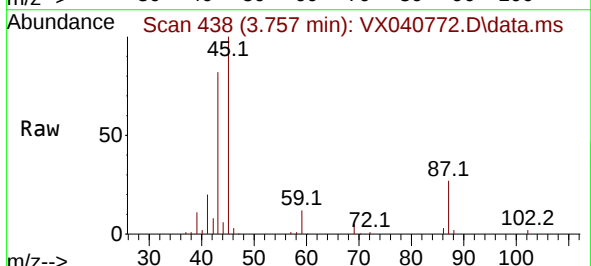
Manual Integrations
APPROVED

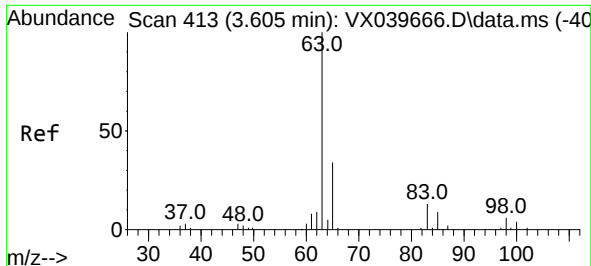
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#20
Diisopropyl ether
Concen: 18.446 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

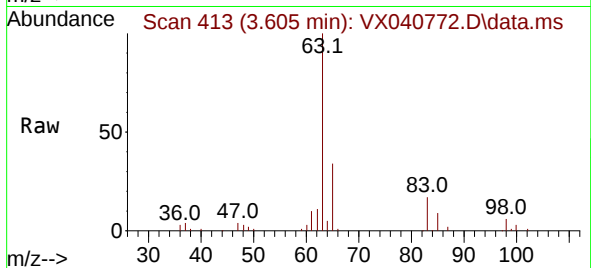
Tgt Ion: 45 Resp: 74142
Ion Ratio Lower Upper
45 100
43 78.0 67.7 101.5
87 27.4 21.5 32.3
59 12.5 10.9 16.3





#21
1,1-Dichloroethane
Concen: 18.317 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

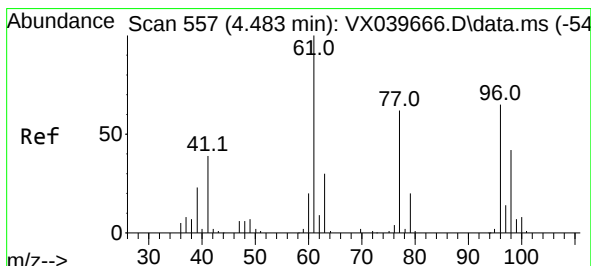
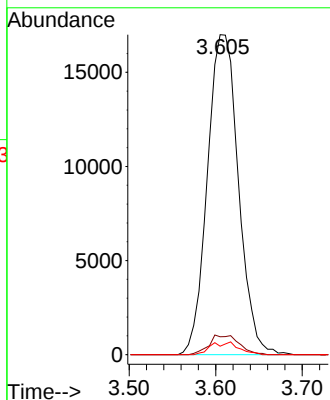
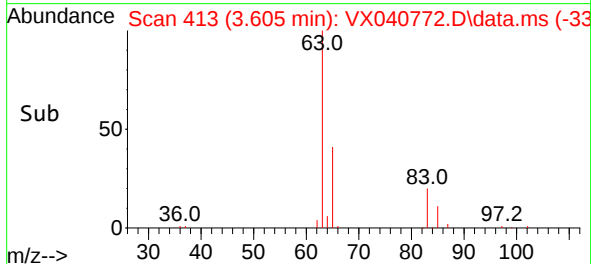
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



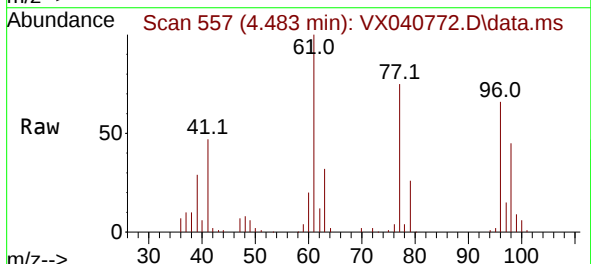
Tgt Ion: 63 Resp: 4236
Ion Ratio Lower Upper
63 100
98 5.6 2.9 8.8
100 2.7 2.0 5.8

Manual Integrations
APPROVED

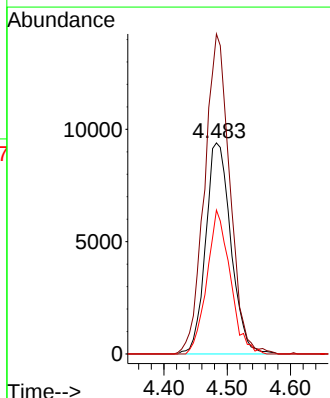
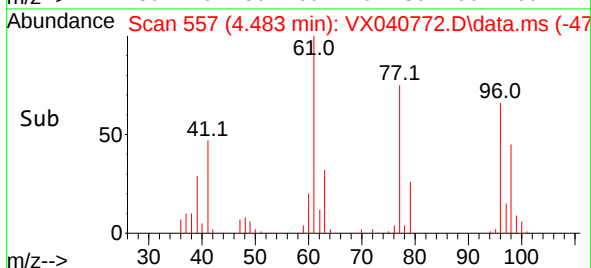
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

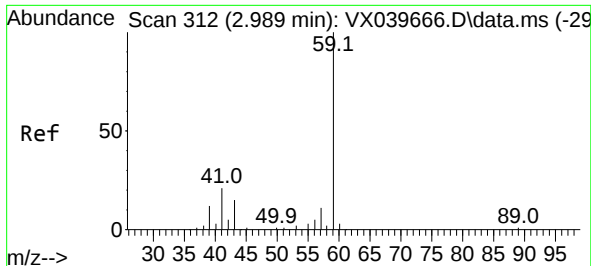


#22
cis-1,2-Dichloroethene
Concen: 18.847 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43



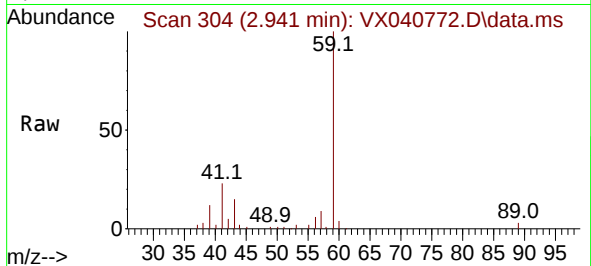
Tgt Ion: 96 Resp: 26024
Ion Ratio Lower Upper
96 100
61 151.3 119.8 179.6
98 62.9 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 80.344 ug/l m
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

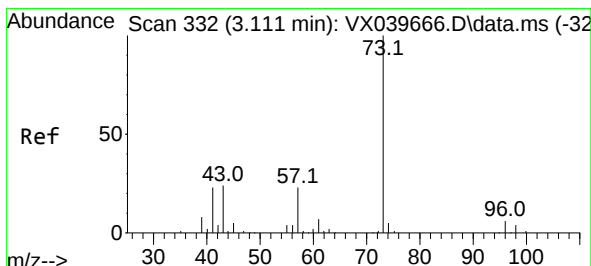
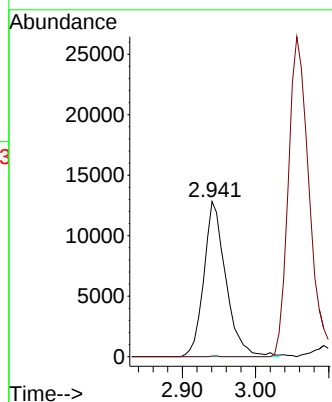
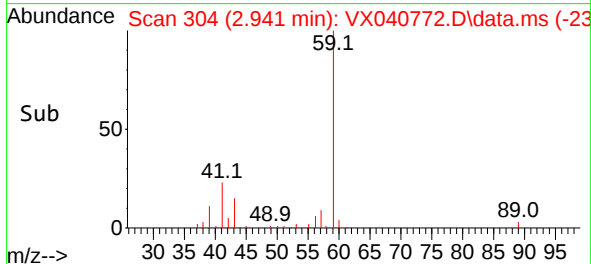
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 59 Resp: 26810
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

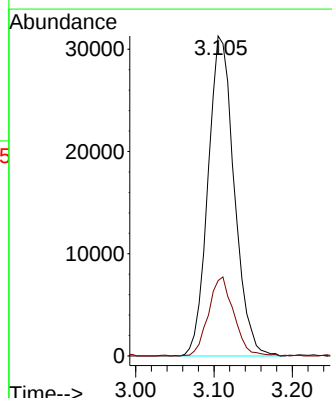
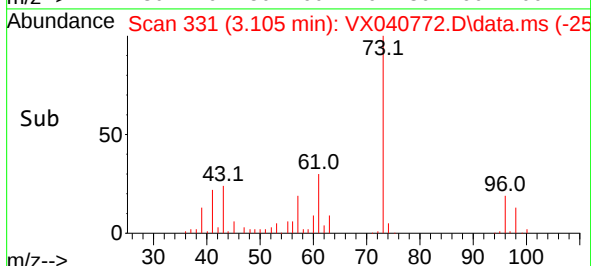
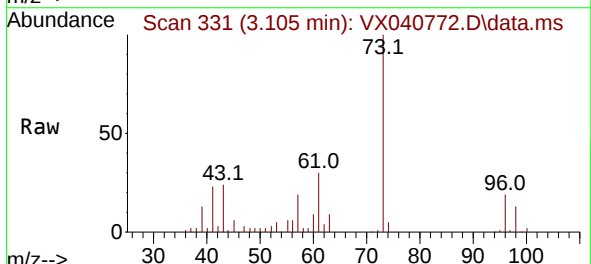
Manual Integrations
APPROVED

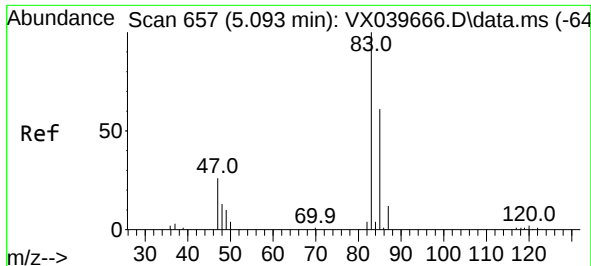
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#24
Methyl tert-Butyl Ether
Concen: 18.121 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 73 Resp: 72833
Ion Ratio Lower Upper
73 100
43 23.8 17.0 25.6





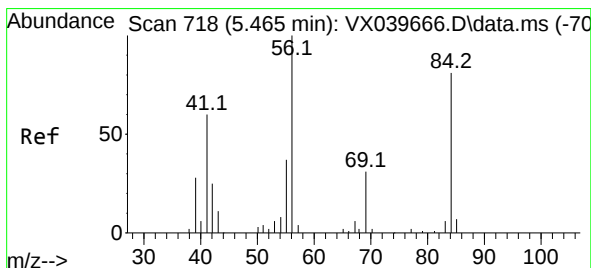
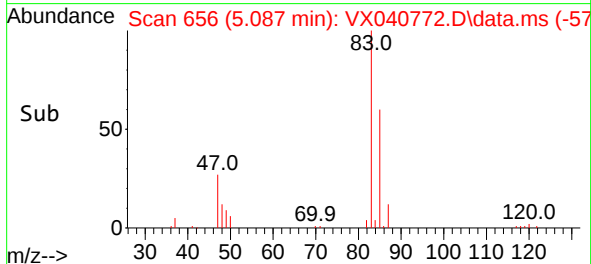
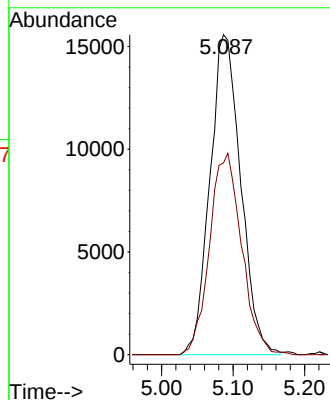
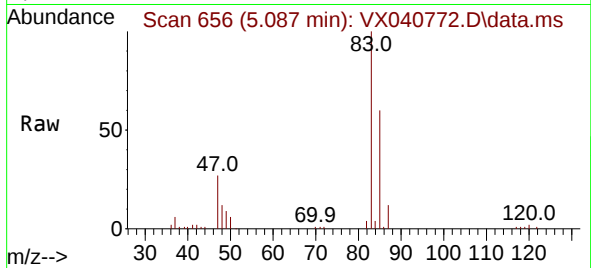
#25
Chloroform
Concen: 18.425 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 83 Resp: 46644
Ion Ratio Lower Upper
83 100
85 59.9 54.6 81.8

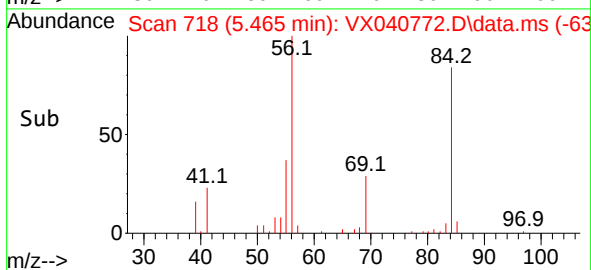
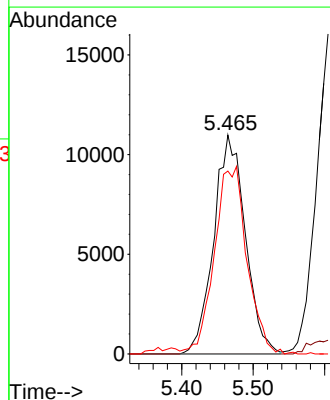
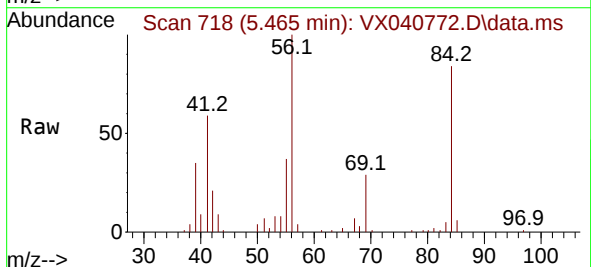
Manual Integrations
APPROVED

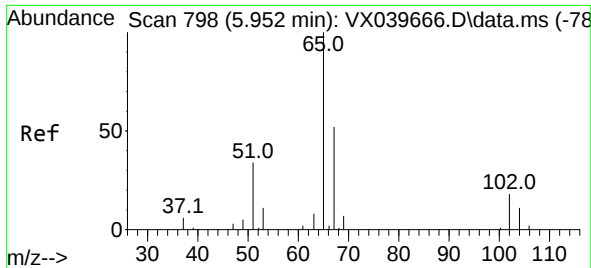
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#26
Cyclohexane
Concen: 18.022 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 56 Resp: 33641
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 50.2 67.2 100.8#





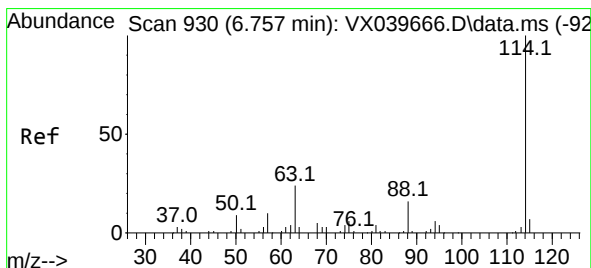
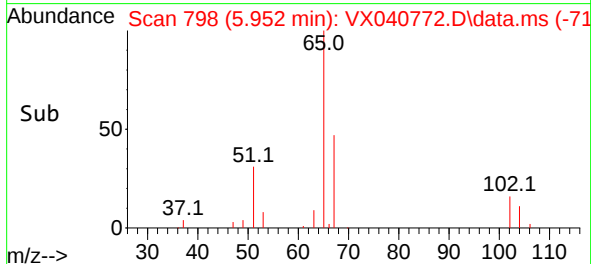
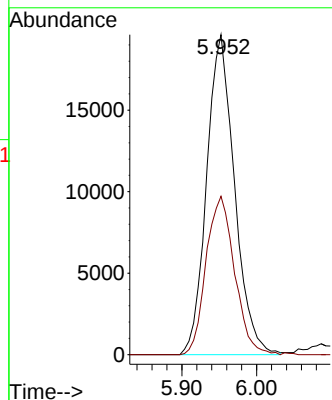
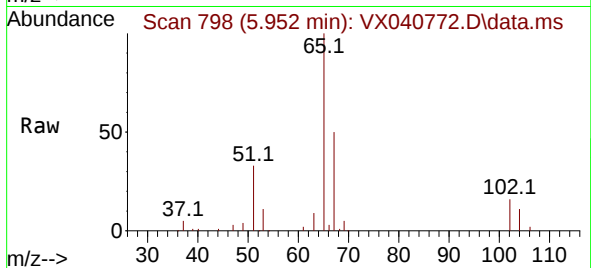
#27
1,2-Dichloroethane-d4
Concen: 27.952 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 65 Resp: 5098
Ion Ratio Lower Upper
65 100
67 50.5 42.5 63.7

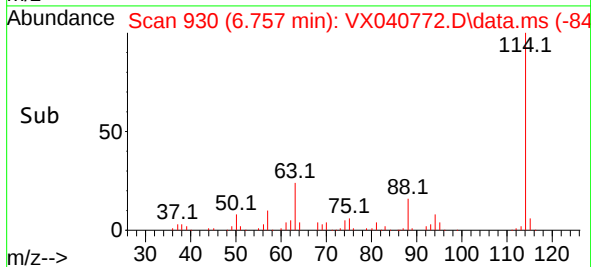
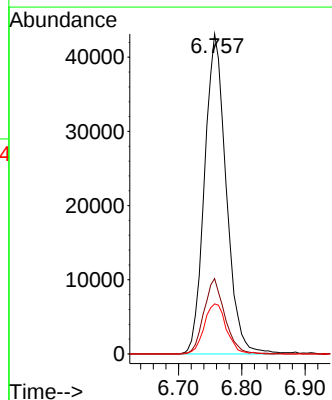
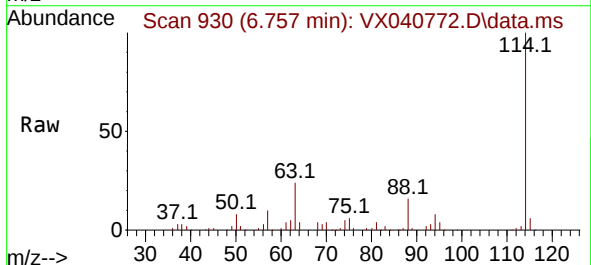
Manual Integrations
APPROVED

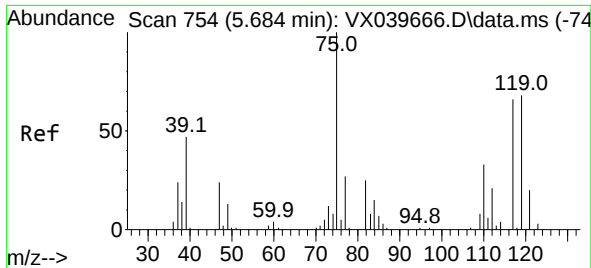
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion:114 Resp: 102634
Ion Ratio Lower Upper
114 100
63 22.7 17.0 25.4
88 16.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.767 ug/l
RT: 5.696 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

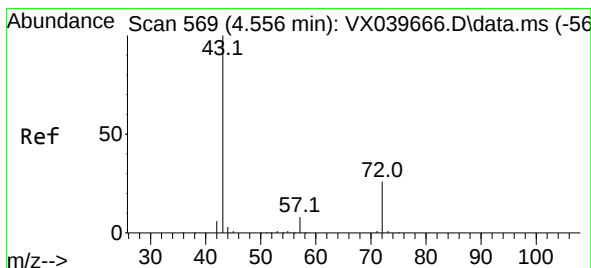
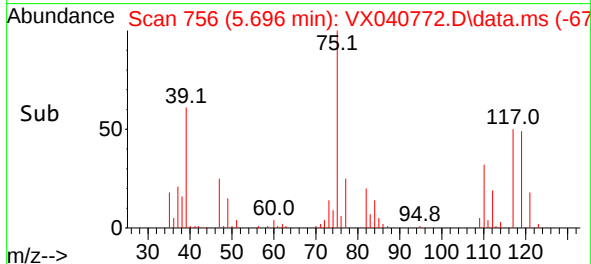
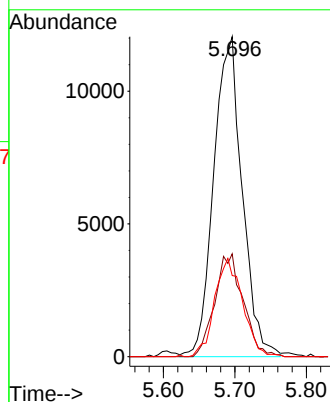
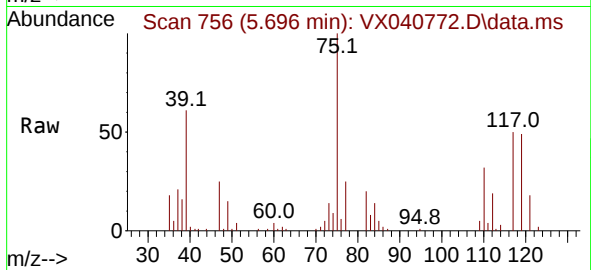
ClientSampleId :

VX0322WBSD01

Tgt Ion: 75 Resp: 33340
Ion Ratio Lower Upper
75 100
110 32.1 0.0 71.2
77 29.9 0.0 62.6

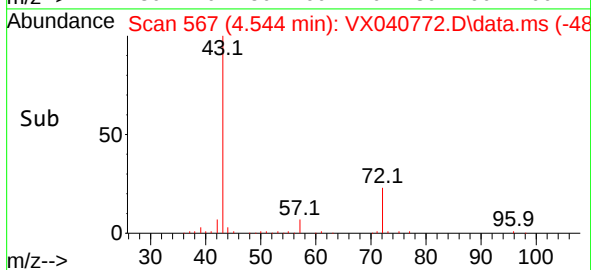
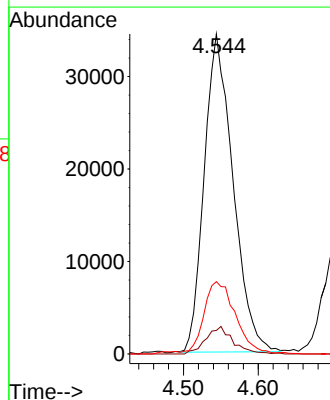
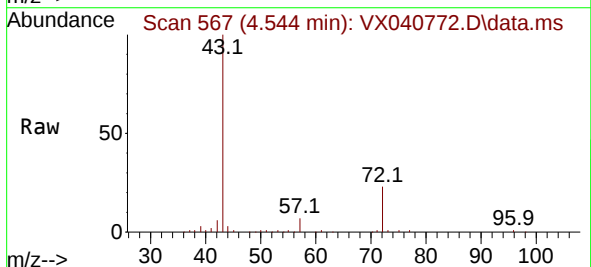
Manual Integrations
APPROVED

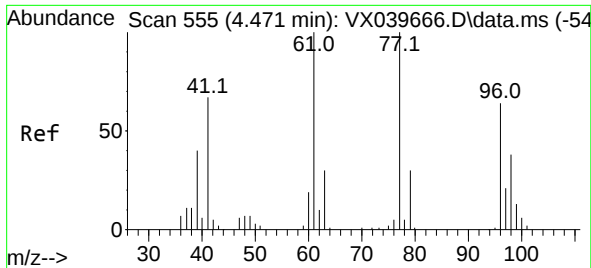
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#30
2-Butanone
Concen: 84.892 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 43 Resp: 92029
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 24.5 20.6 31.0





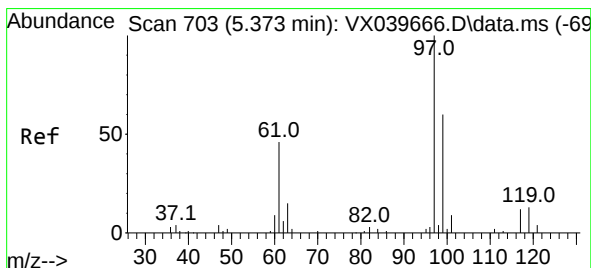
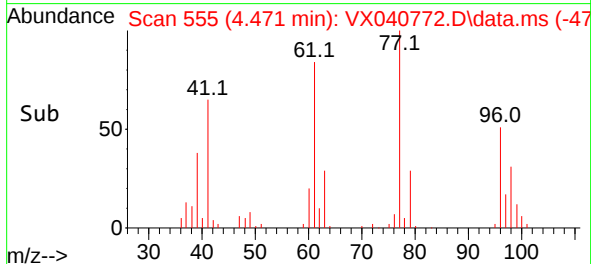
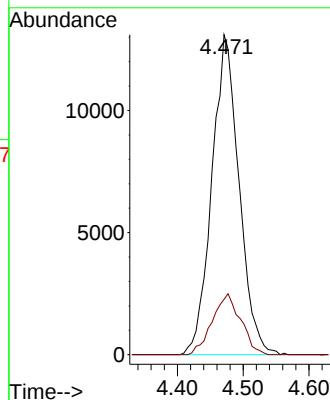
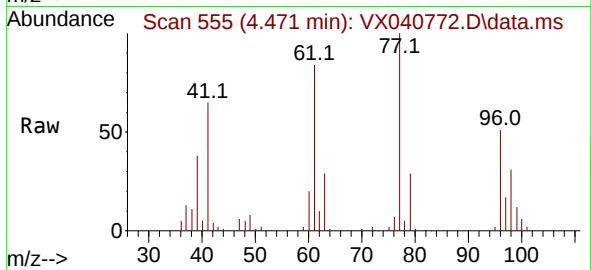
#31
2,2-Dichloropropane
Concen: 19.653 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 77 Resp: 3768
Ion Ratio Lower Upper
77 100
97 19.9 18.2 27.4

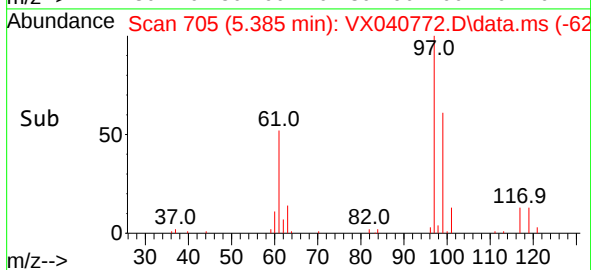
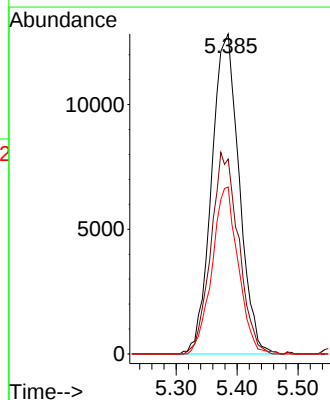
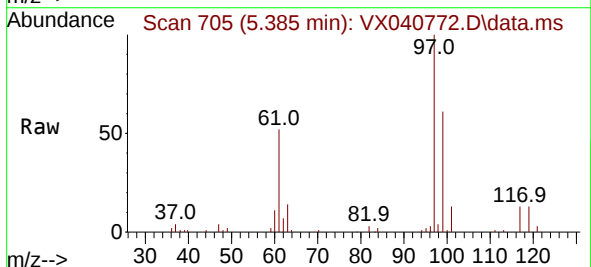
Manual Integrations
APPROVED

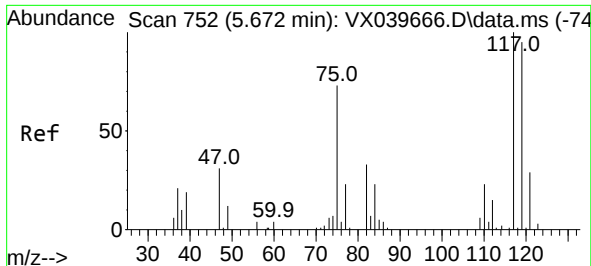
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#32
1,1,1-Trichloroethane
Concen: 18.056 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

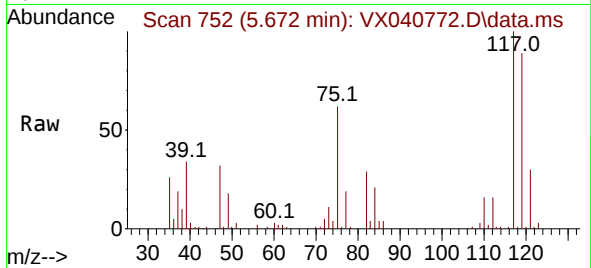
Tgt Ion: 97 Resp: 40418
Ion Ratio Lower Upper
97 100
99 63.2 52.6 79.0
61 49.6 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.101 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

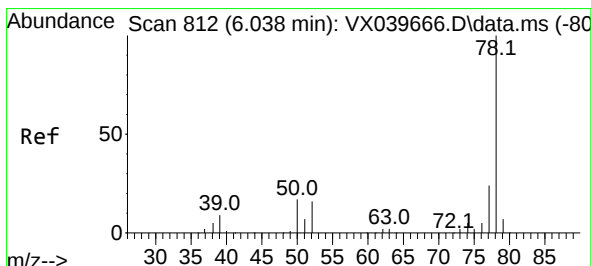
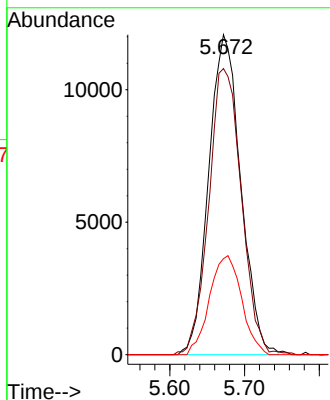
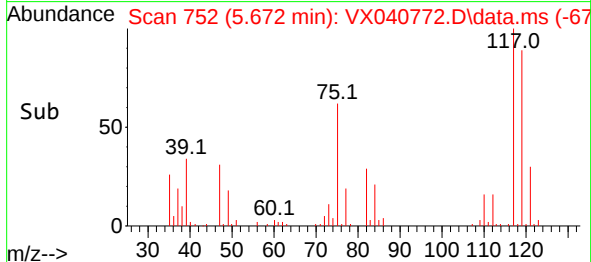
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:117 Resp: 35974
Ion Ratio Lower Upper
117 100
119 88.5 78.2 117.4
121 30.0 24.7 37.1

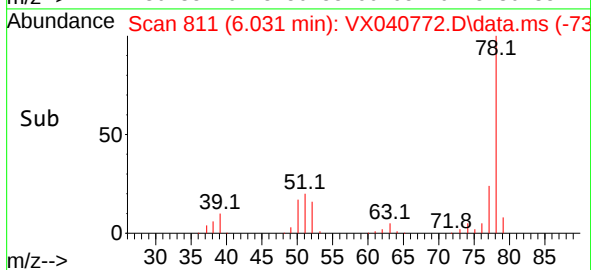
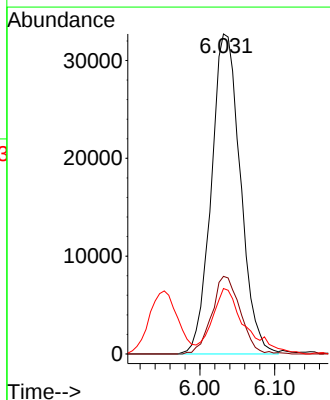
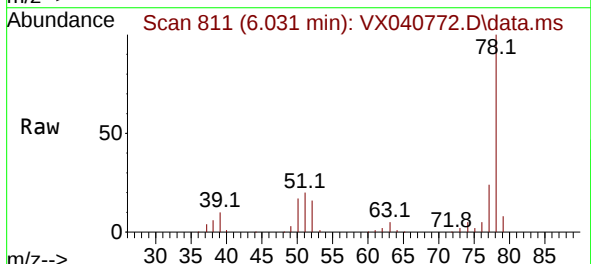
Manual Integrations
APPROVED

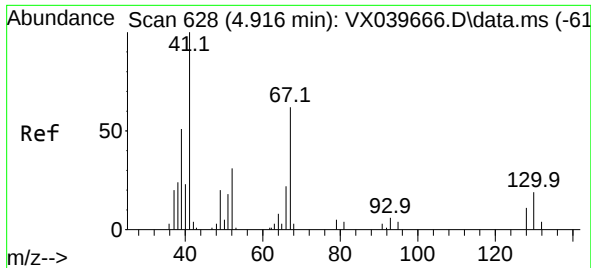
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#34
Benzene
Concen: 18.431 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

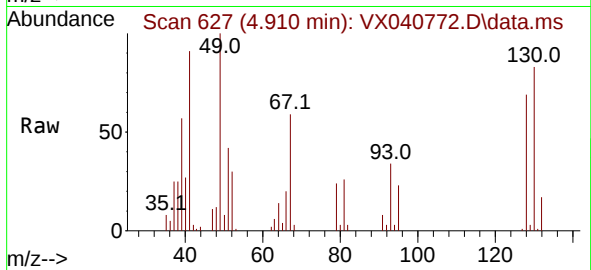
Tgt Ion: 78 Resp: 88393
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 18.7 14.4 21.6





#35
Methacrylonitrile
Concen: 17.523 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

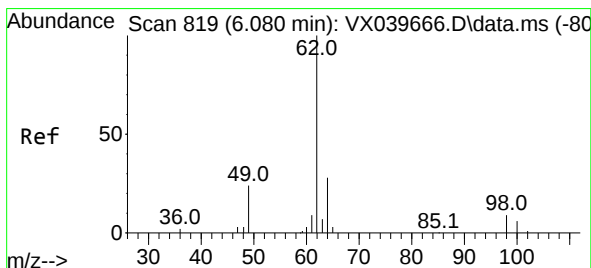
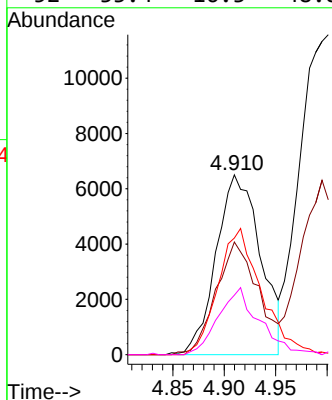
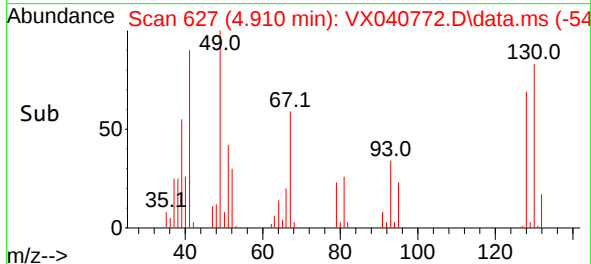
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 41 Resp: 1950
Ion Ratio Lower Upper
41 100
39 61.6 28.2 84.7
67 65.4 34.5 103.5
52 33.4 16.3 48.8

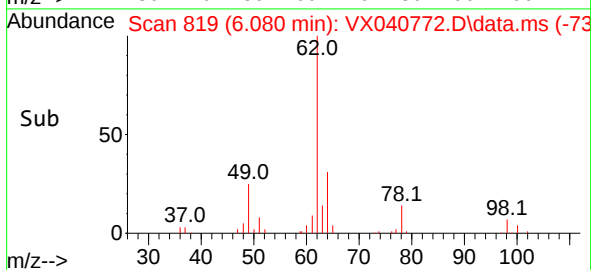
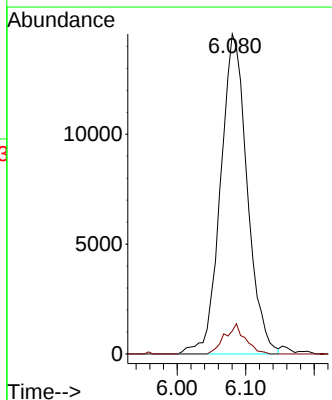
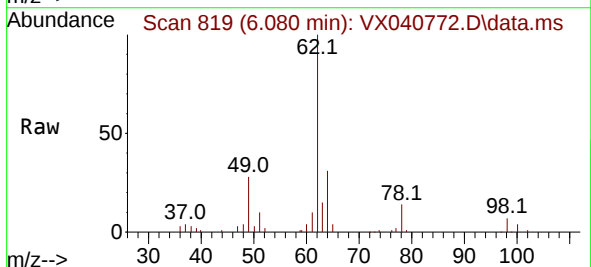
Manual Integrations
APPROVED

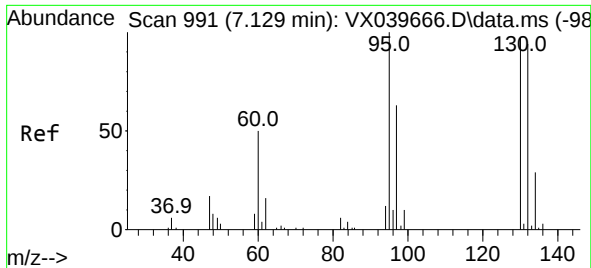
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#36
1,2-Dichloroethane
Concen: 17.742 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 62 Resp: 39341
Ion Ratio Lower Upper
62 100
98 7.2 7.0 10.4





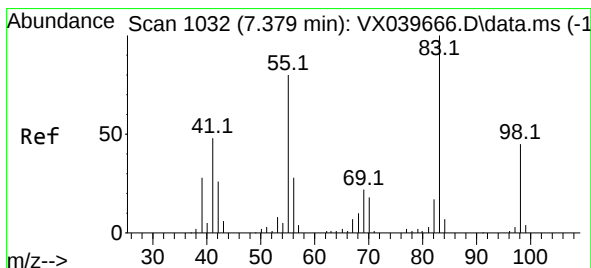
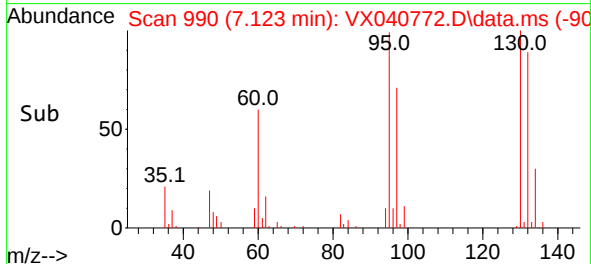
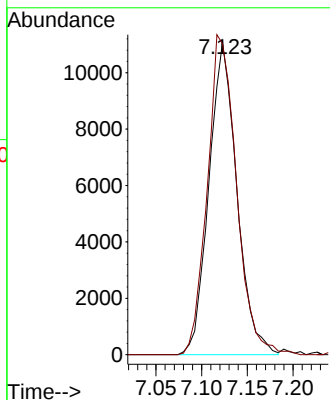
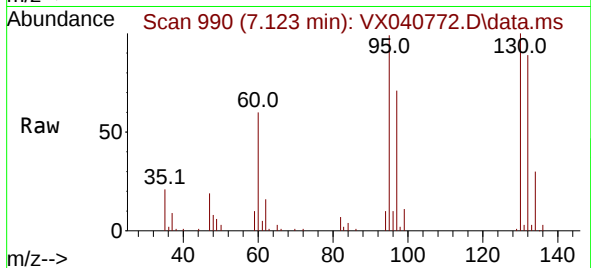
#37
Trichloroethene
Concen: 18.301 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion:130 Resp: 23580
Ion Ratio Lower Upper
130 100
95 99.4 85.8 128.8

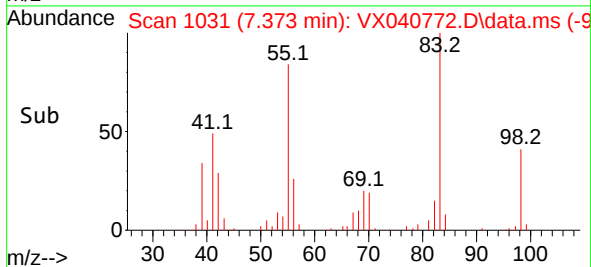
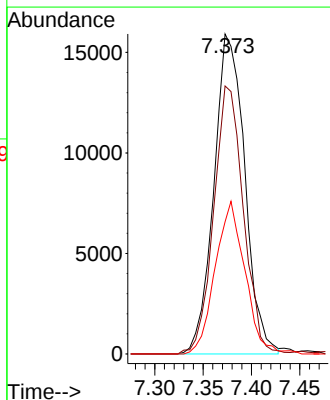
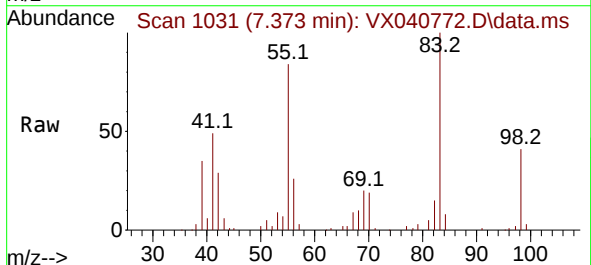
Manual Integrations
APPROVED

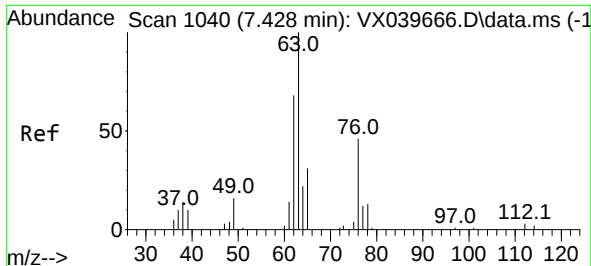
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#38
Methylcyclohexane
Concen: 18.466 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 83 Resp: 35325
Ion Ratio Lower Upper
83 100
55 80.5 38.6 116.0
98 45.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.159 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tgt Ion: 63 Resp: 23394

Ion Ratio Lower Upper

63 100

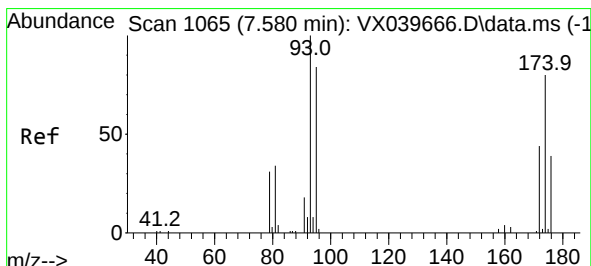
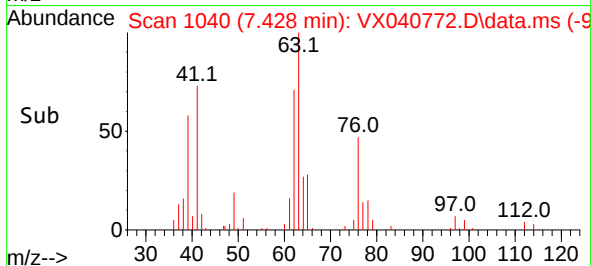
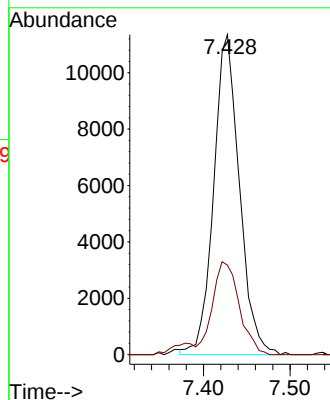
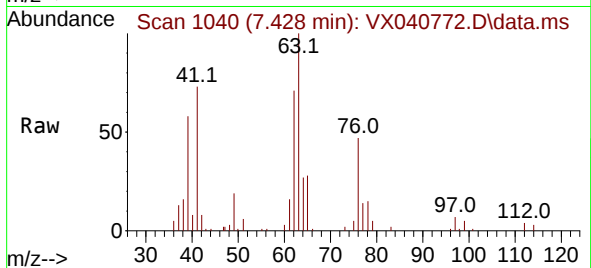
65 28.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#40

Dibromomethane

Concen: 18.919 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

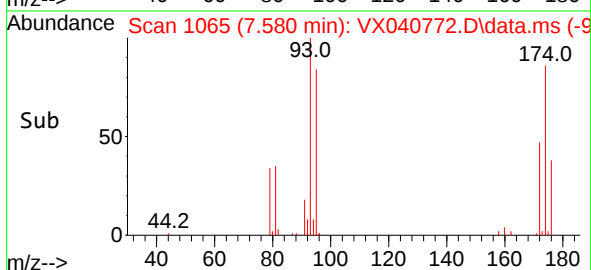
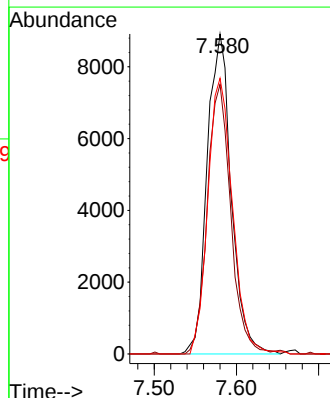
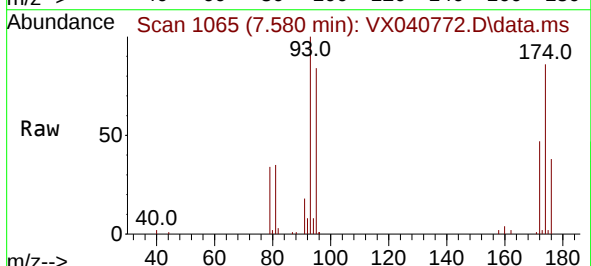
Tgt Ion: 93 Resp: 18148

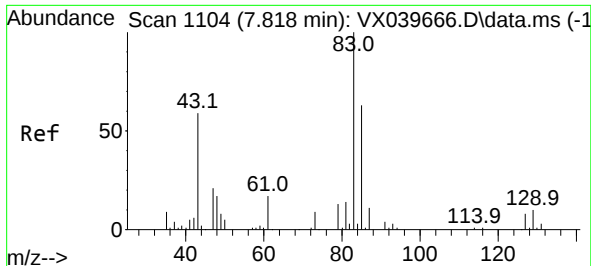
Ion Ratio Lower Upper

93 100

95 81.6 0.0 163.4

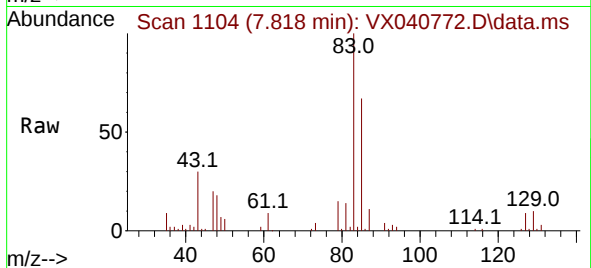
174 88.4 0.0 166.4





#41
Bromodichloromethane
Concen: 18.637 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

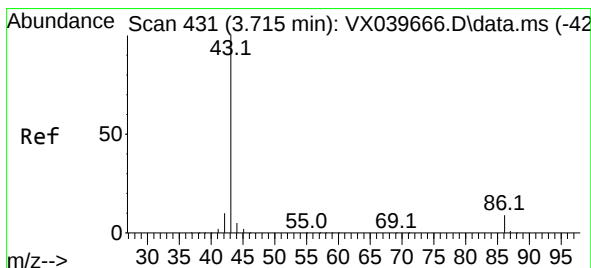
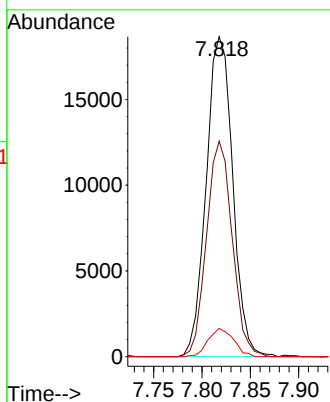
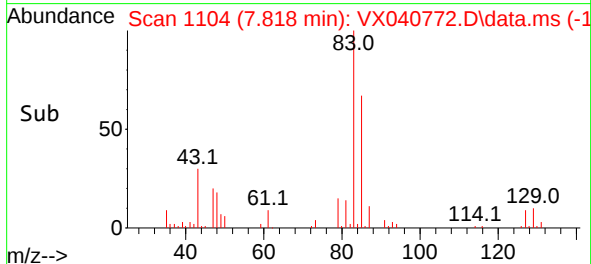
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 83 Resp: 3556
Ion Ratio Lower Upper
83 100
85 67.3 50.8 76.2
127 8.9 5.9 8.9

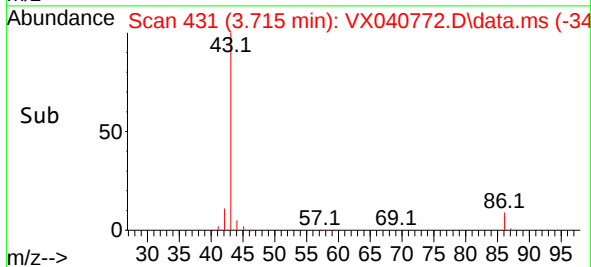
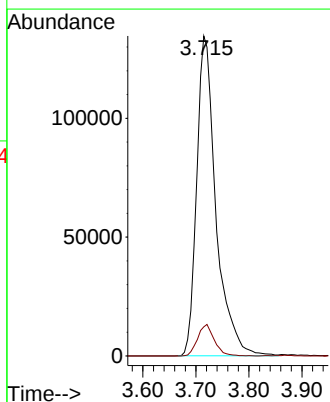
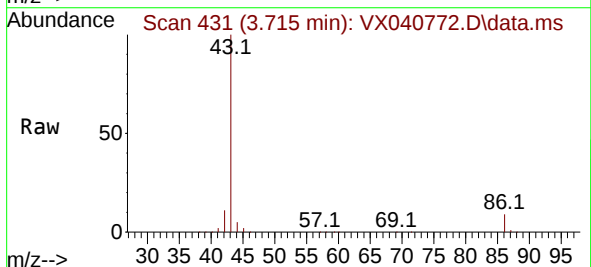
Manual Integrations
APPROVED

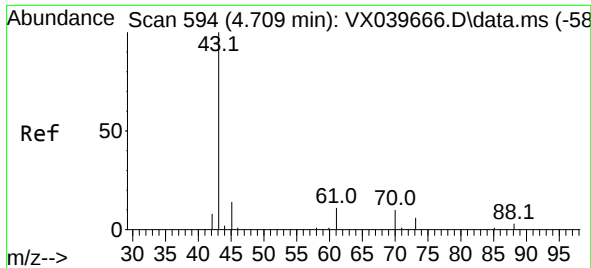
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#42
Vinyl Acetate
Concen: 91.062 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

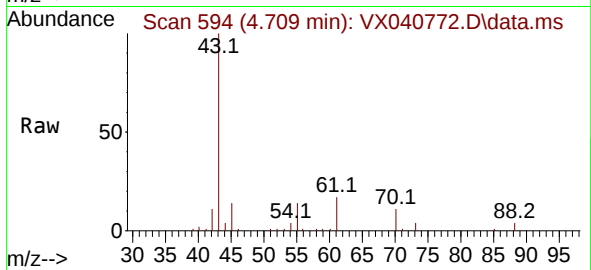
Tgt Ion: 43 Resp: 339885
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





#43
Ethyl Acetate
Concen: 17.250 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

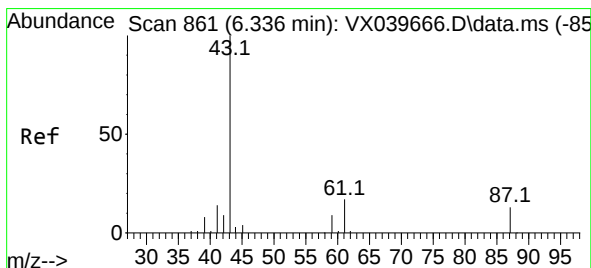
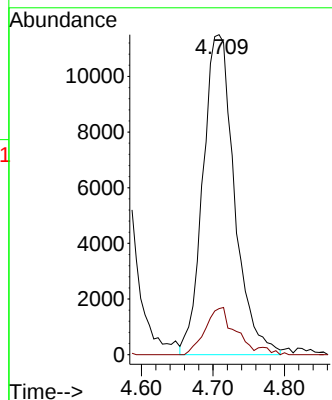
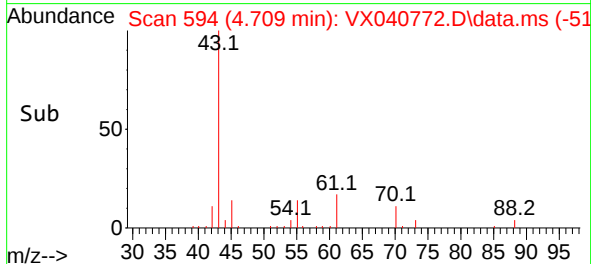
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



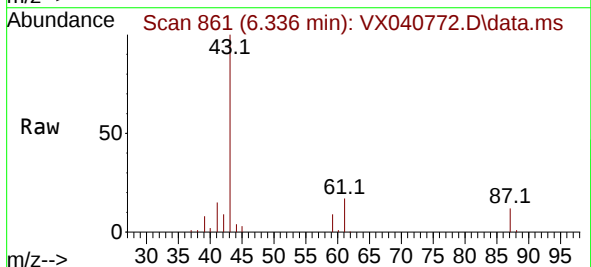
Tgt Ion: 43 Resp: 35218
Ion Ratio Lower Upper
43 100
45 13.7 11.8 17.8

Manual Integrations
APPROVED

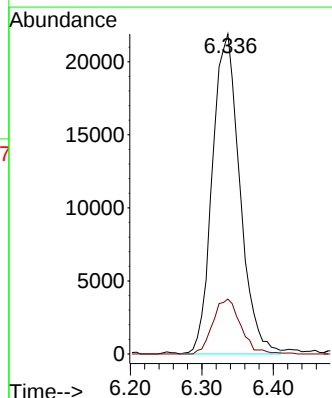
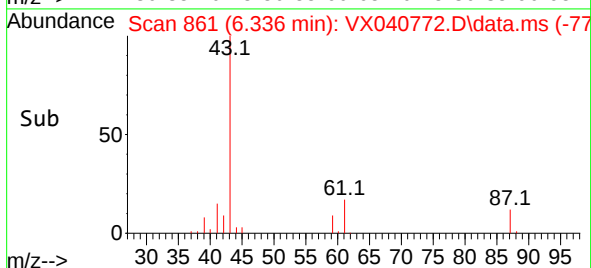
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024

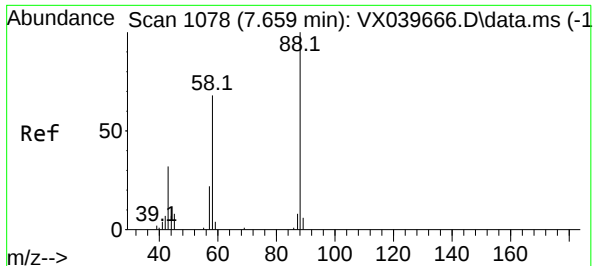


#44
Isopropyl Acetate
Concen: 17.918 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43



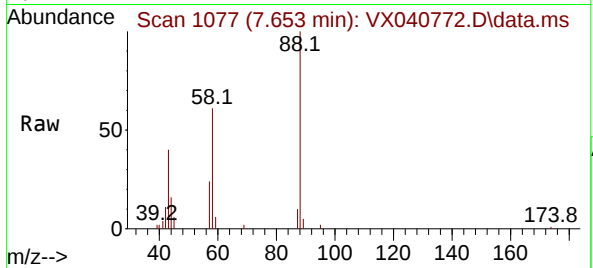
Tgt Ion: 43 Resp: 58395
Ion Ratio Lower Upper
43 100
61 16.9 15.6 23.4





#45
1,4-Dioxane
Concen: 302.180 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

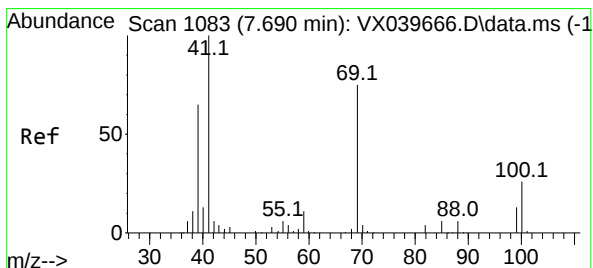
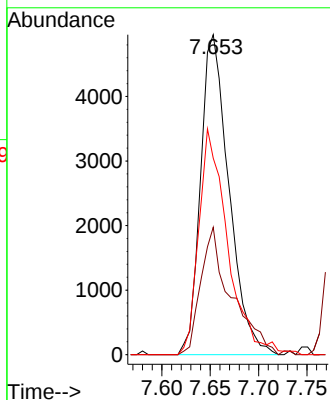
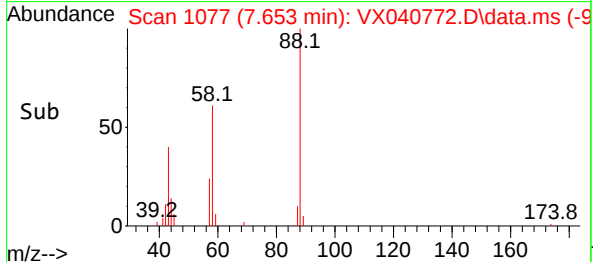
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 88 Resp: 1012
Ion Ratio Lower Upper
88 100
43 42.9 28.1 42.1
58 70.7 57.7 86.5

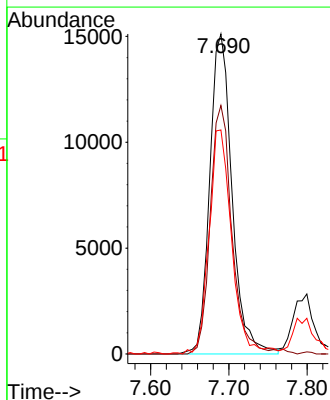
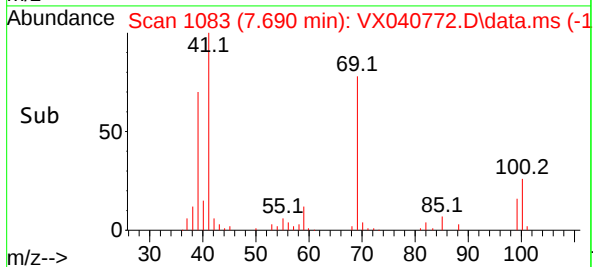
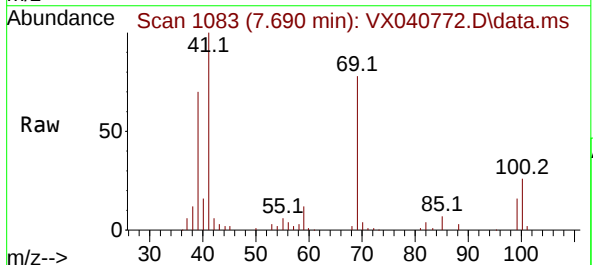
Manual Integrations
APPROVED

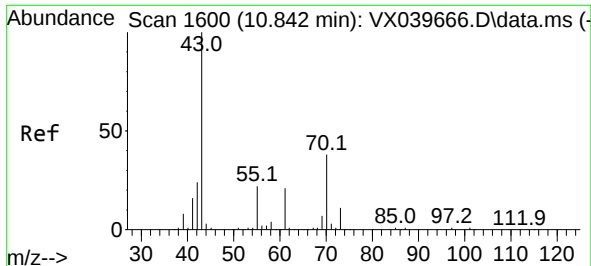
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#46
Methyl methacrylate
Concen: 18.492 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 41 Resp: 29932
Ion Ratio Lower Upper
41 100
69 77.7 39.6 118.8
39 69.7 30.1 90.3





#47

n-amyl acetate

Concen: 19.206 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tgt Ion: 43 Resp: 53940

Ion Ratio Lower Upper

43 100

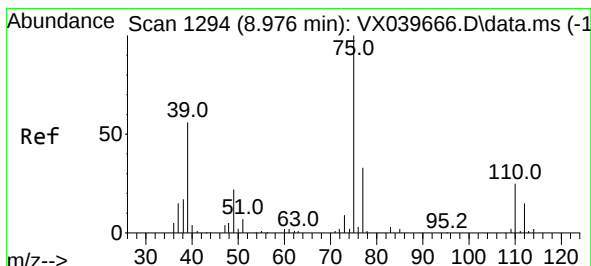
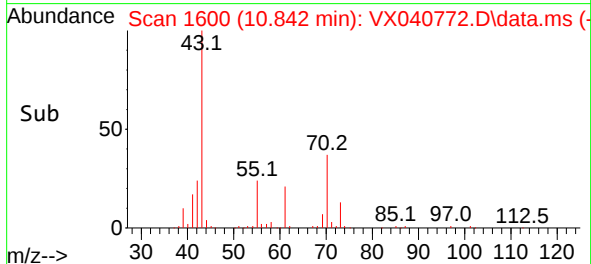
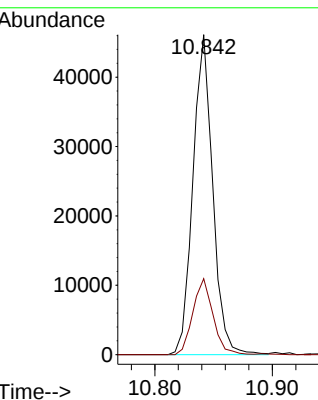
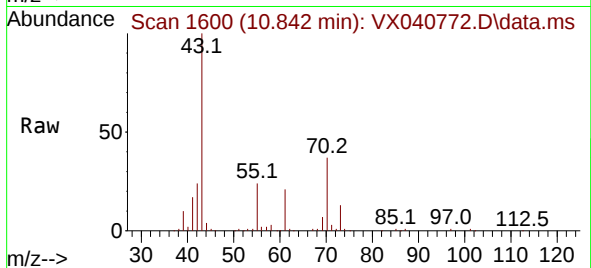
55 24.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#48

t-1,3-dichloropropene

Concen: 18.294 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040772.D

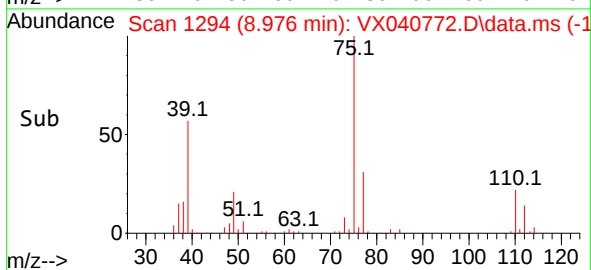
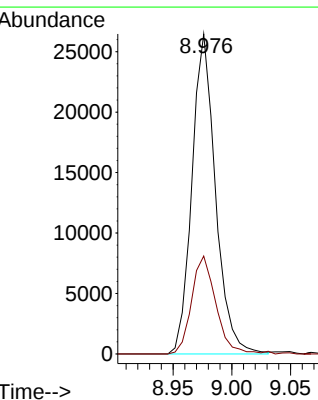
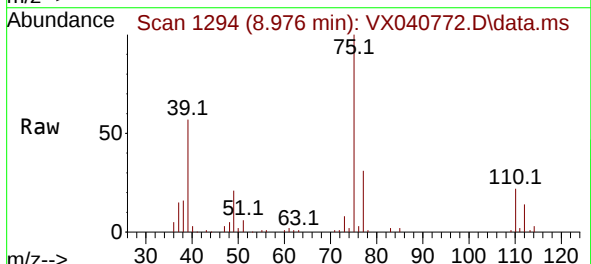
Acq: 22 Mar 2024 11:43

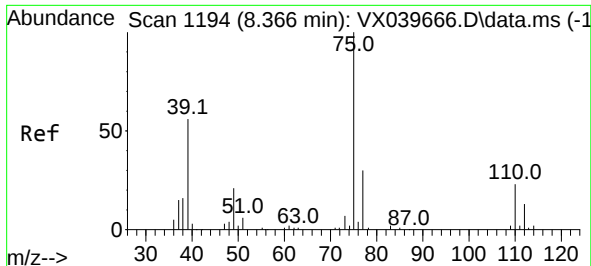
Tgt Ion: 75 Resp: 36899

Ion Ratio Lower Upper

75 100

77 30.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.547 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tgt Ion: 75 Resp: 38109

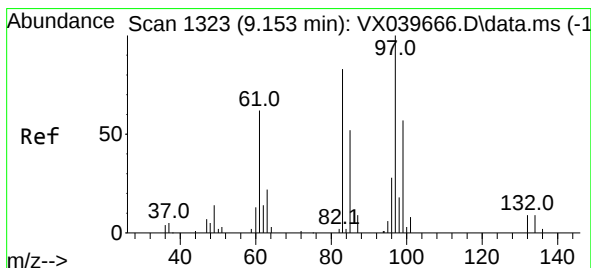
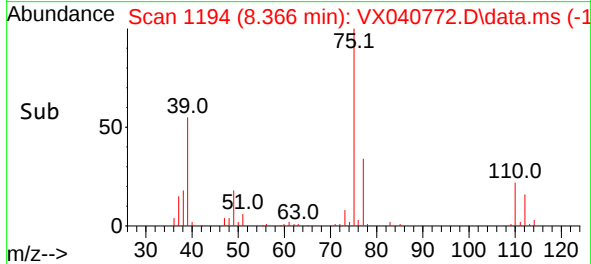
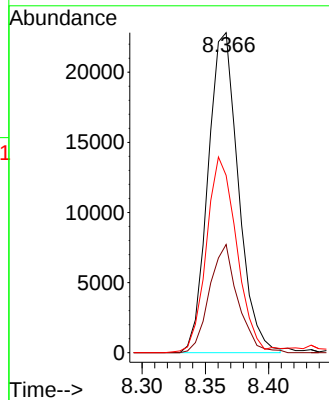
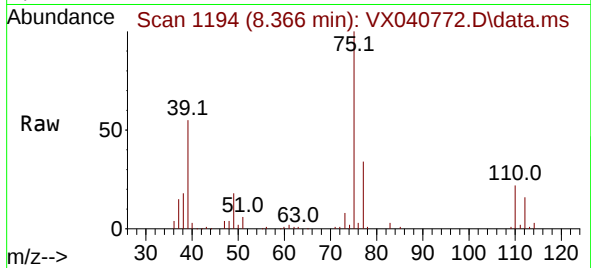
Ion	Ratio	Lower	Upper
75	100		
77	33.8	24.4	36.6
39	54.9	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#50

1,1,2-Trichloroethane

Concen: 18.174 ug/l

RT: 9.147 min Scan# 1322

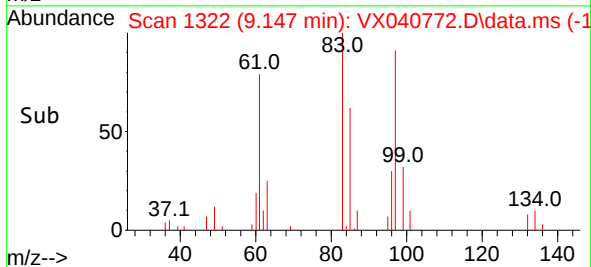
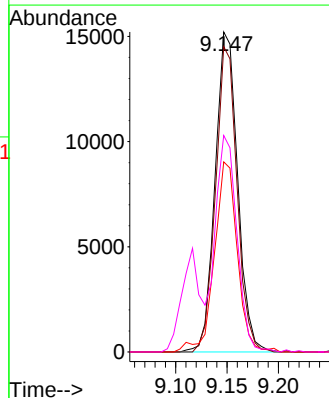
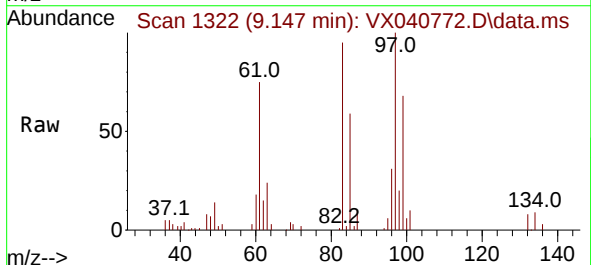
Delta R.T. -0.006 min

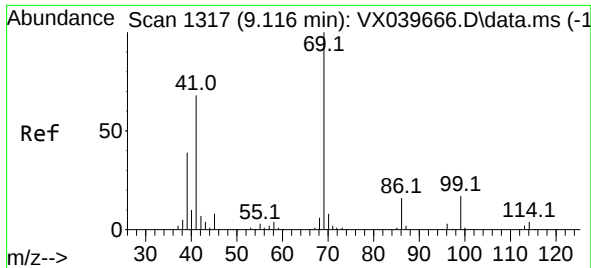
Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Tgt Ion: 97 Resp: 23157

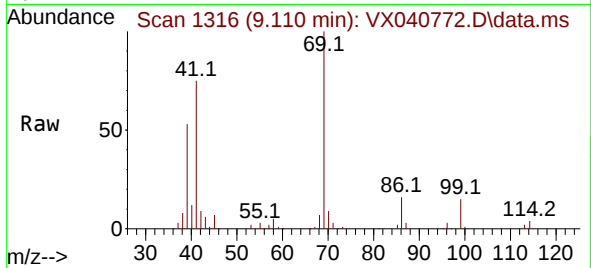
Ion	Ratio	Lower	Upper
97	100		
83	95.4	69.0	103.6
85	59.4	46.3	69.5
99	67.6	50.9	76.3





#51
Ethyl methacrylate
Concen: 18.179 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

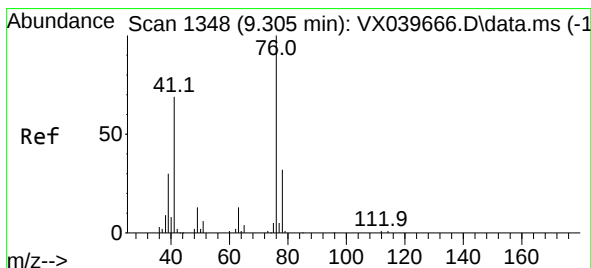
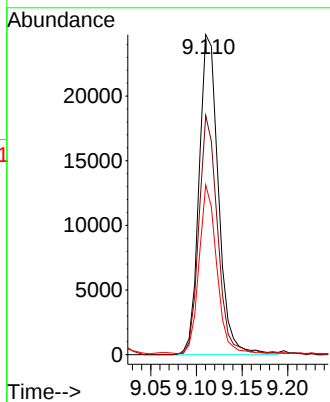
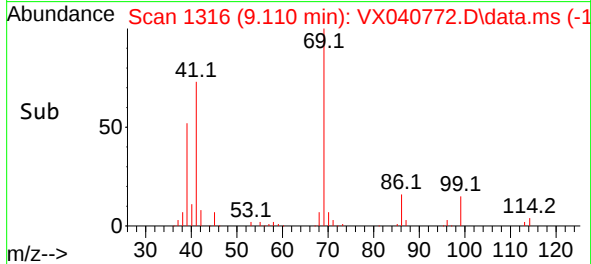
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 69 Resp: 3646
Ion Ratio Lower Upper
69 100
41 74.4 36.2 108.6
39 52.7 21.1 63.4

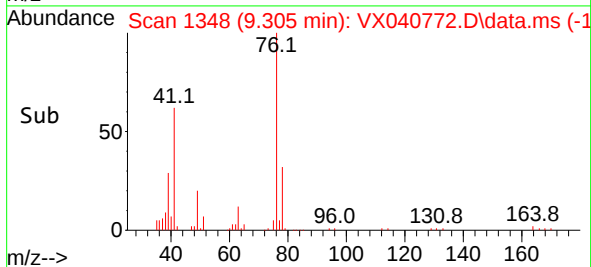
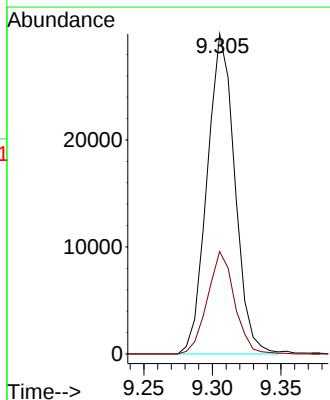
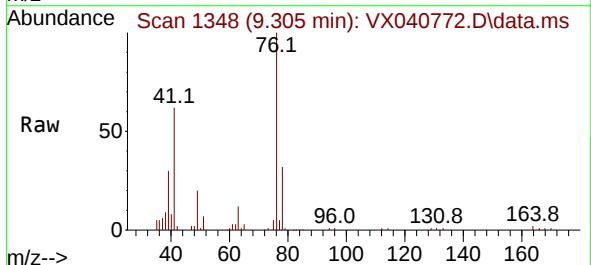
Manual Integrations
APPROVED

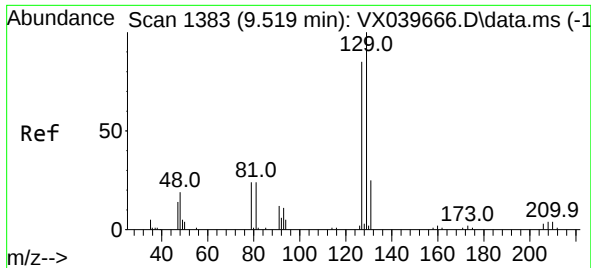
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#52
1,3-Dichloropropane
Concen: 19.356 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

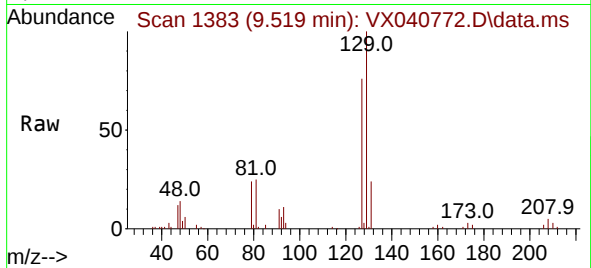
Tgt Ion: 76 Resp: 42085
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.0





#53
Dibromochloromethane
Concen: 17.889 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

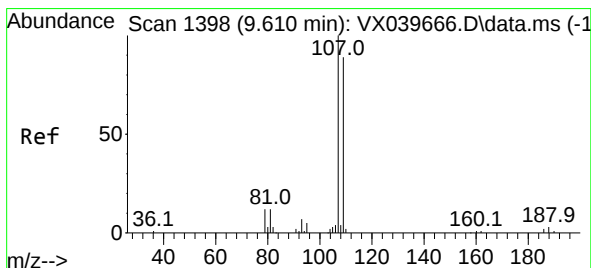
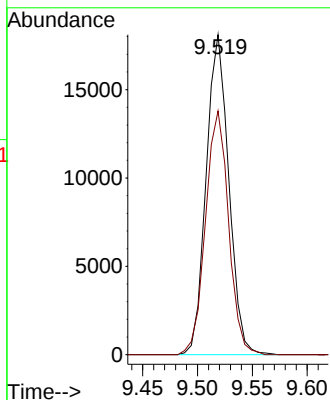
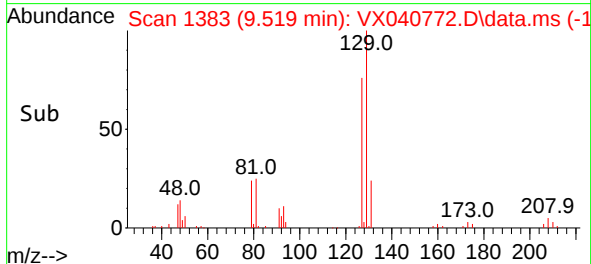
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:129 Resp: 2598
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

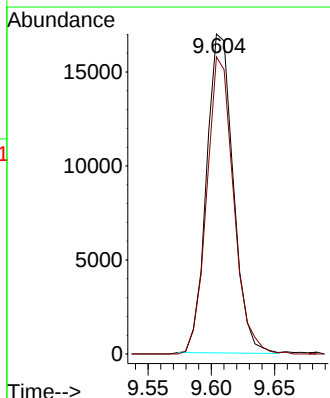
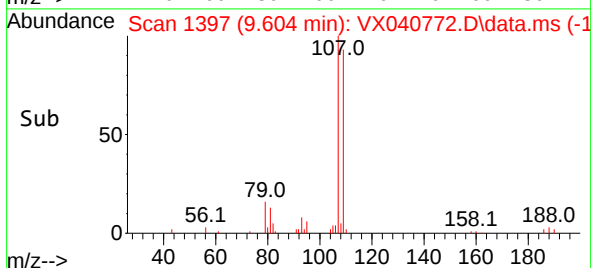
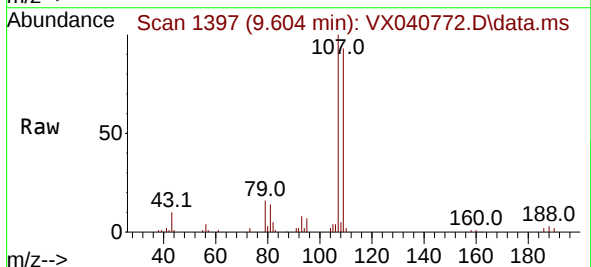
Manual Integrations
APPROVED

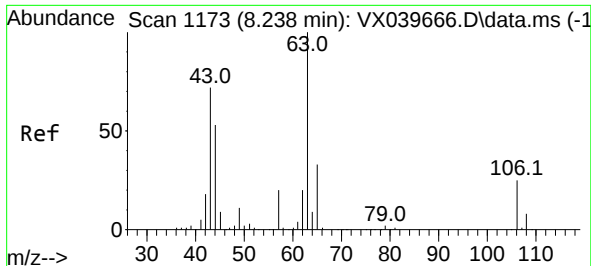
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#54
1,2-Dibromoethane
Concen: 17.681 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion:107 Resp: 24929
Ion Ratio Lower Upper
107 100
109 93.4 75.1 112.7





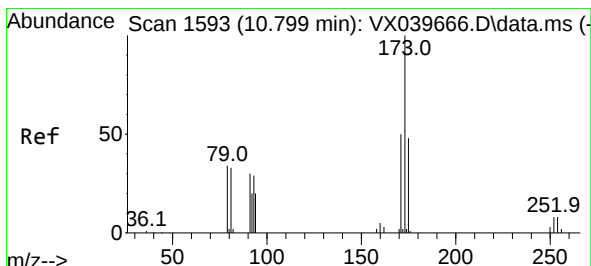
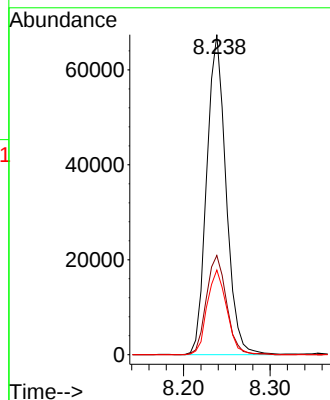
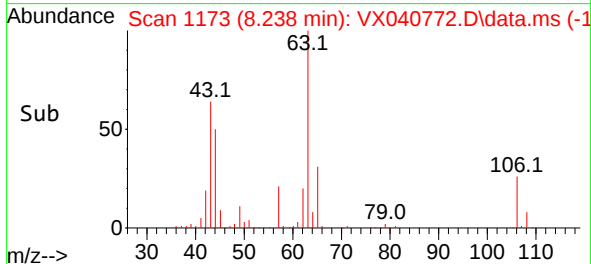
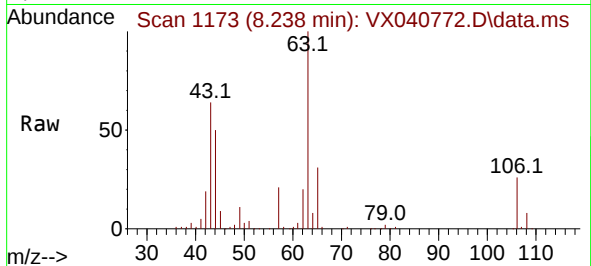
#55
2-Chloroethyl vinyl ether
Concen: 102.288 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 63 Resp: 10449
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 26.9 20.6 31.0

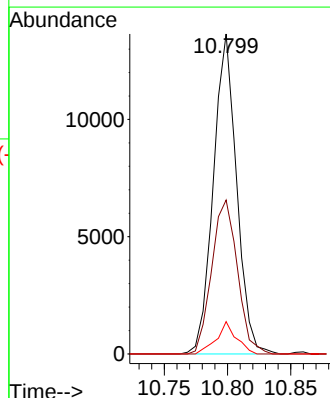
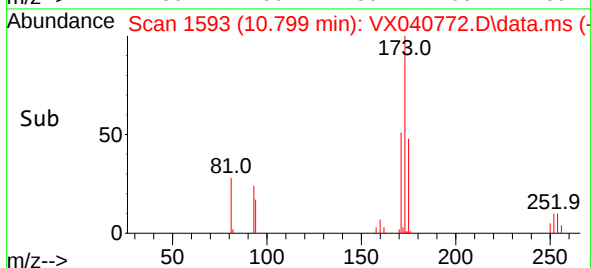
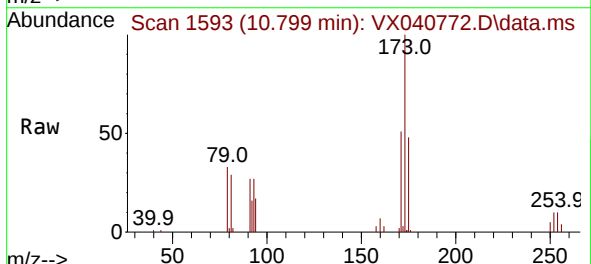
Manual Integrations
APPROVED

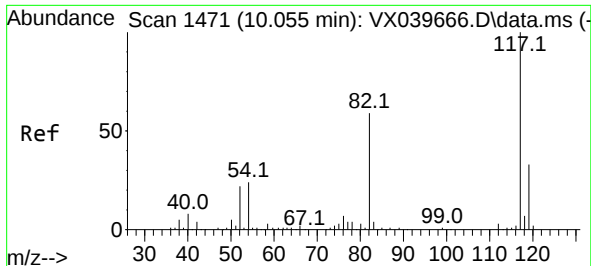
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#56
Bromoform
Concen: 16.935 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion:173 Resp: 17448
Ion Ratio Lower Upper
173 100
175 53.0 37.6 56.4
254 8.6 5.8 8.8





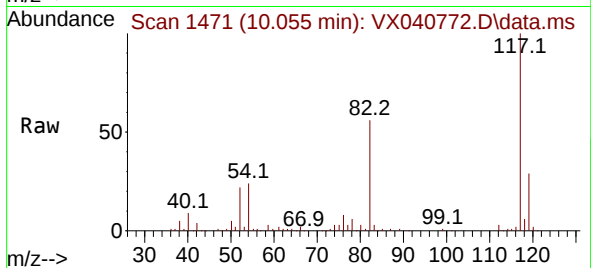
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01



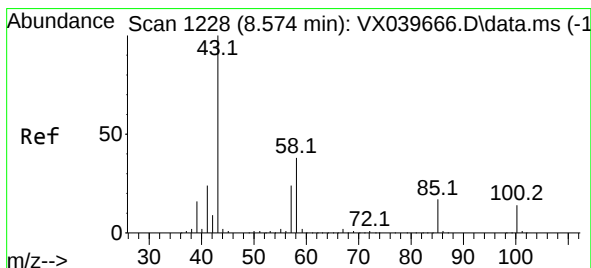
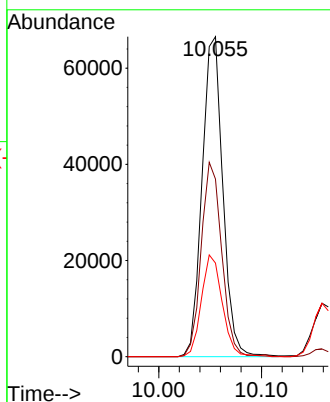
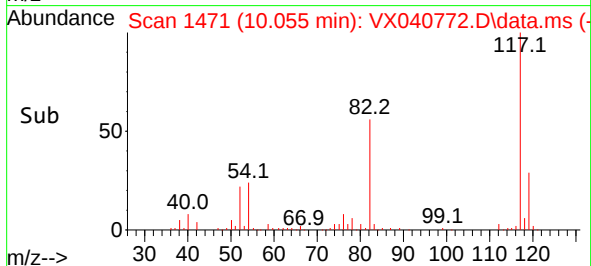
Tgt Ion:117 Resp: 93579
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.6
119 31.9 25.2 37.8

Manual Integrations

APPROVED

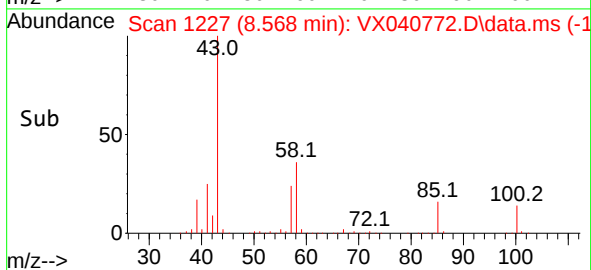
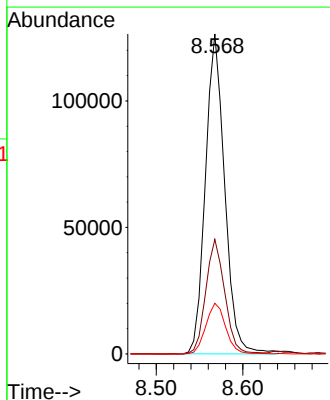
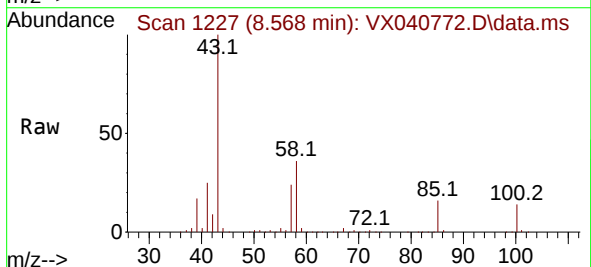
Reviewed By :John Carlone 03/25/2024

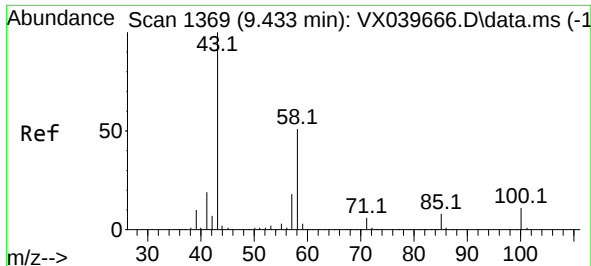
Supervised By :Semsettin Yesilyurt 03/25/2024



#58
4-Methyl-2-Pentanone
Concen: 93.916 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

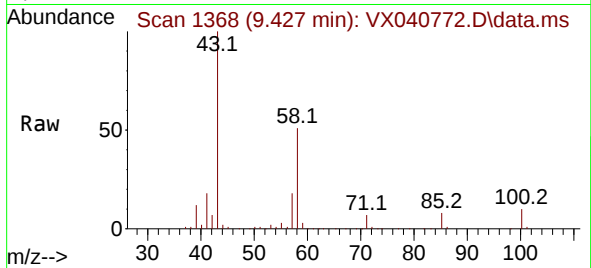
Tgt Ion: 43 Resp: 195699
Ion Ratio Lower Upper
43 100
58 35.3 30.1 45.1
85 16.2 13.9 20.9





#59
2-Hexanone
Concen: 90.688 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

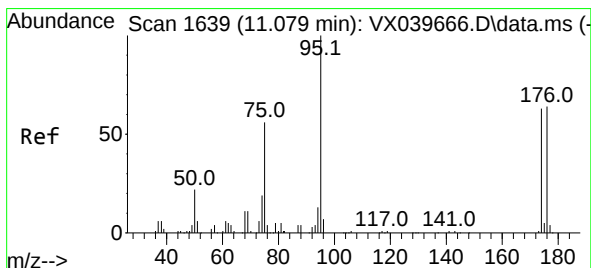
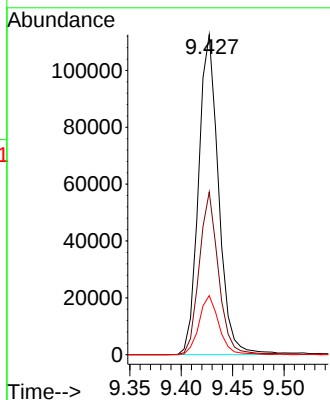
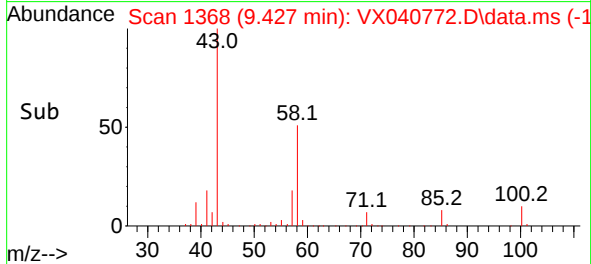
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 43 Resp: 15264
Ion Ratio Lower Upper
43 100
58 48.4 42.7 64.1
57 18.3 14.8 22.2

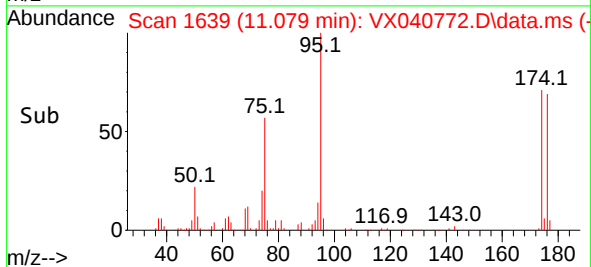
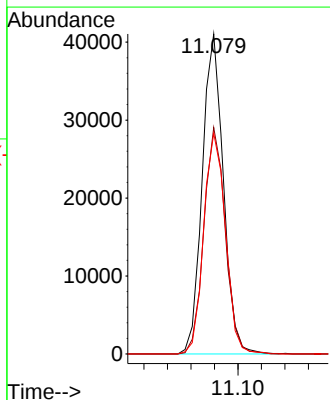
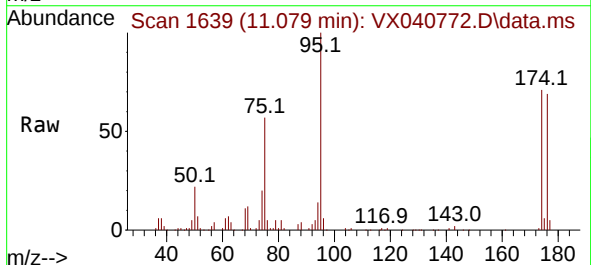
Manual Integrations
APPROVED

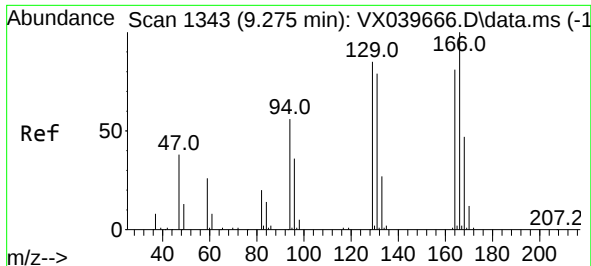
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#60
4-Bromofluorobenzene
Concen: 31.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

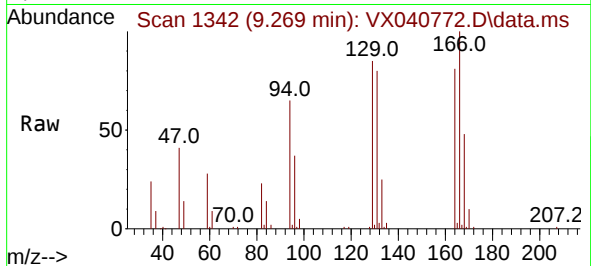
Tgt Ion: 95 Resp: 51109
Ion Ratio Lower Upper
95 100
174 71.9 55.4 83.2
176 71.4 52.6 78.8





#61
Tetrachloroethene
Concen: 18.036 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

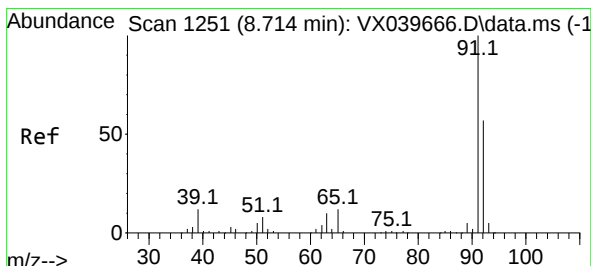
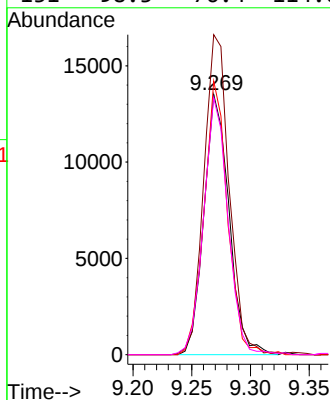
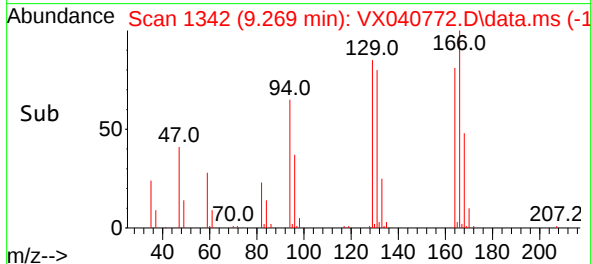
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:164 Resp: 2003
Ion Ratio Lower Upper
164 100
166 122.5 104.0 156.0
129 105.2 82.0 123.0
131 98.3 76.4 114.6

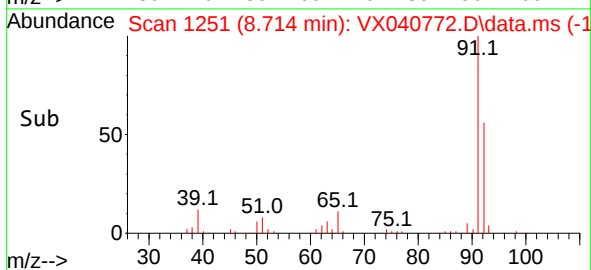
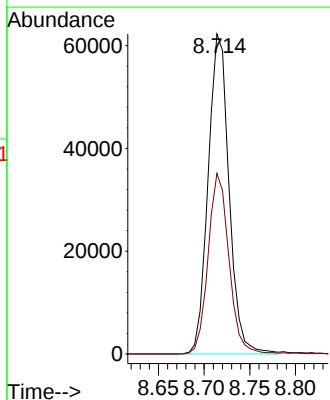
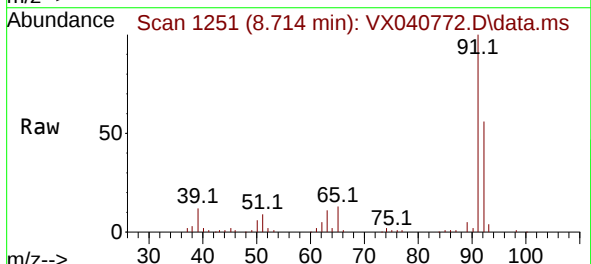
Manual Integrations
APPROVED

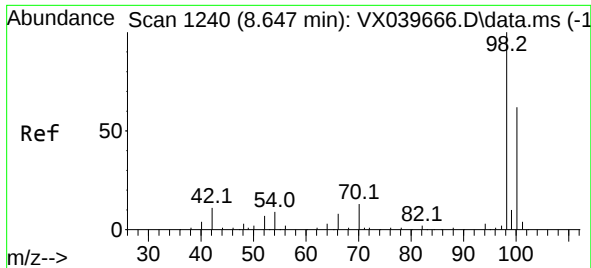
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#62
Toluene
Concen: 19.209 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

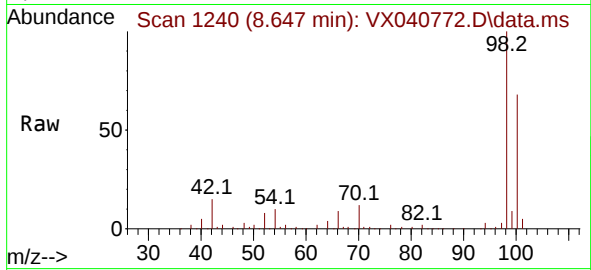
Tgt Ion: 91 Resp: 99002
Ion Ratio Lower Upper
91 100
92 56.1 45.9 68.9





#63
Toluene-d8
Concen: 30.760 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

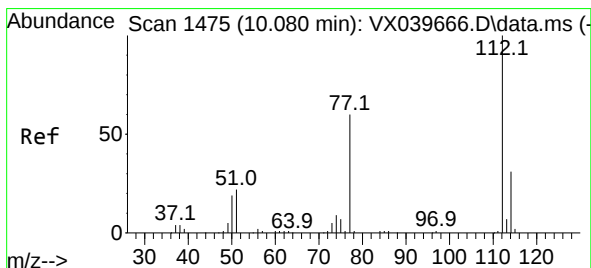
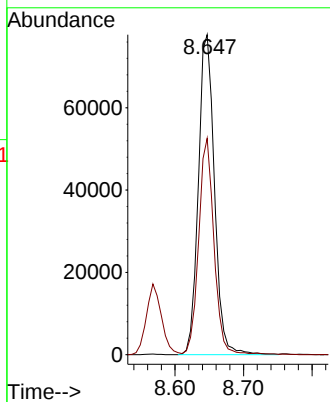
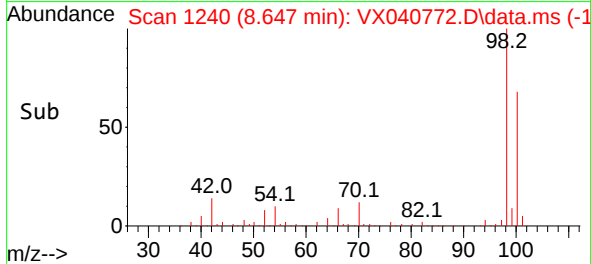
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 98 Resp: 127210
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4

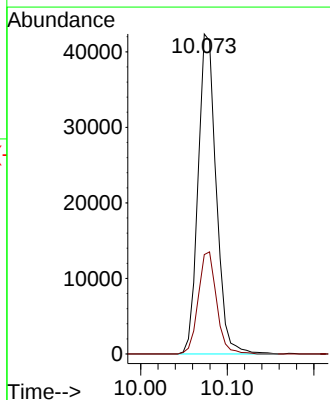
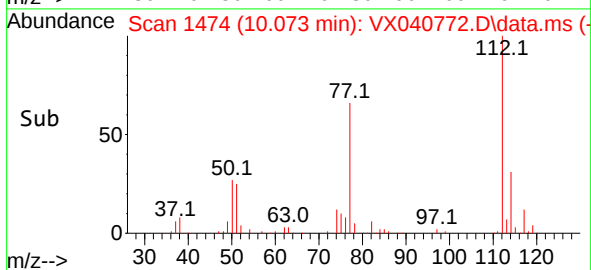
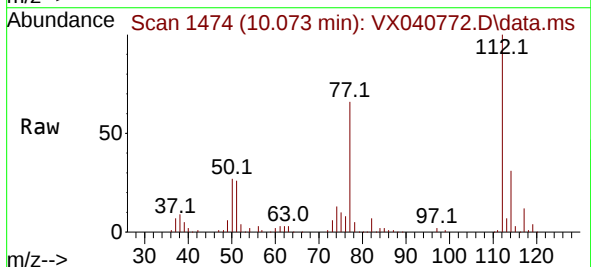
Manual Integrations
APPROVED

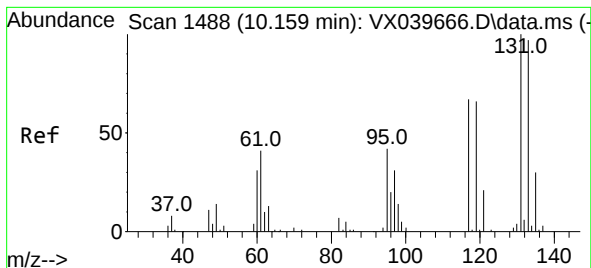
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#64
Chlorobenzene
Concen: 19.570 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.007 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

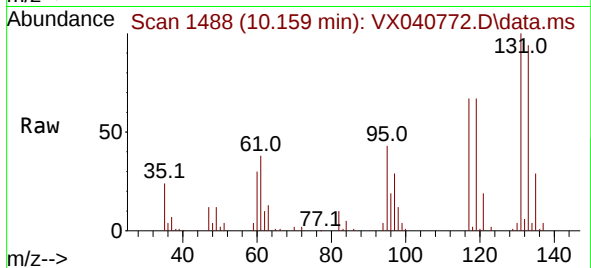
Tgt Ion:112 Resp: 61648
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.050 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

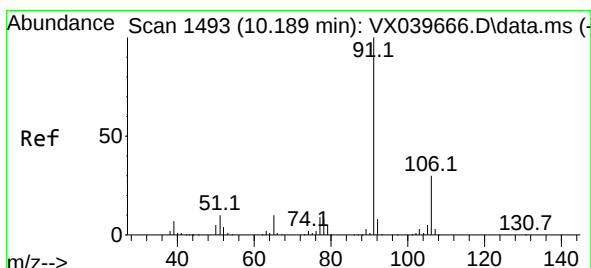
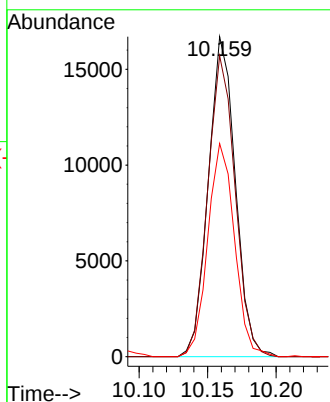
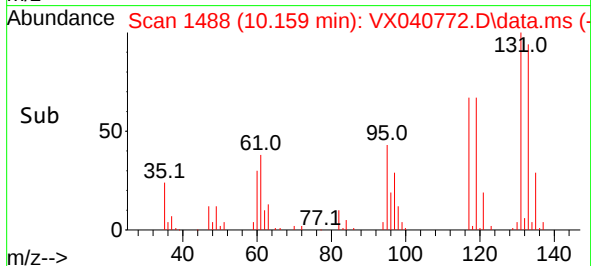
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:131 Resp: 22889
Ion Ratio Lower Upper
131 100
133 95.3 0.0 191.8
119 66.0 0.0 135.4

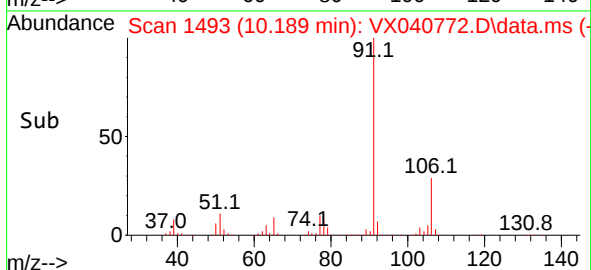
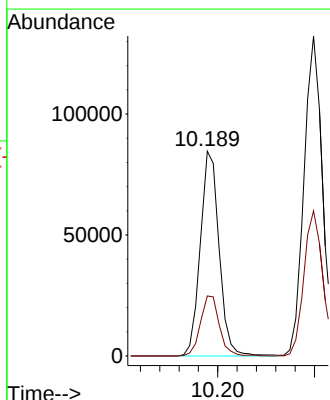
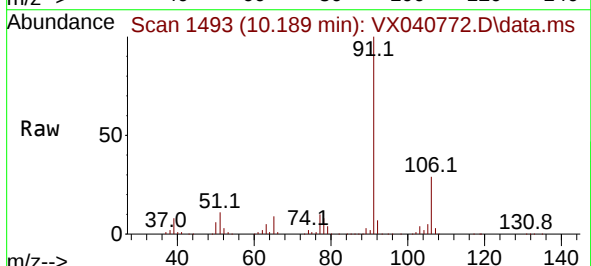
Manual Integrations
APPROVED

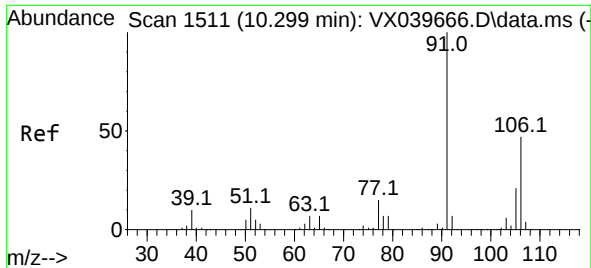
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#66
Ethyl Benzene
Concen: 19.285 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 91 Resp: 114599
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6





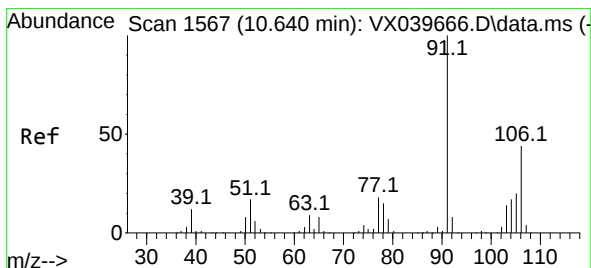
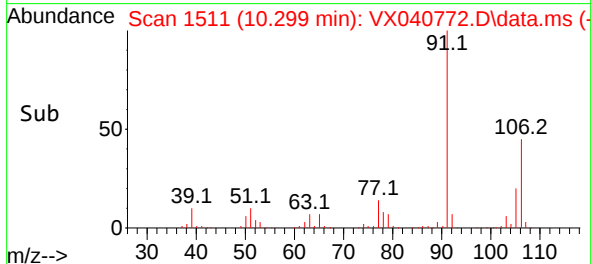
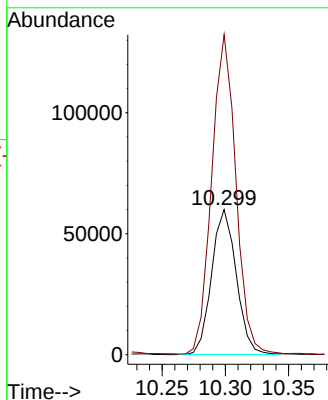
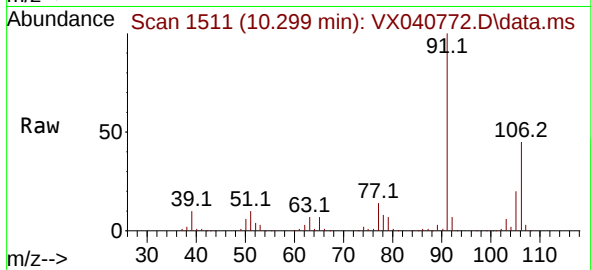
#67
m/p-Xylenes
Concen: 37.033 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion:106 Resp: 81260
Ion Ratio Lower Upper
106 100
91 216.4 169.4 254.0

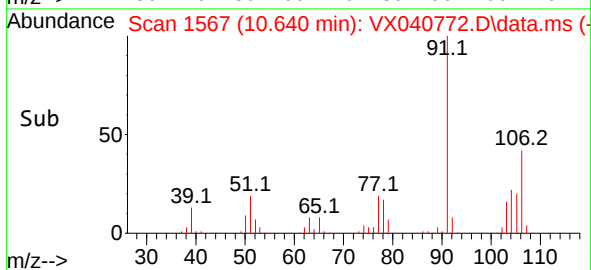
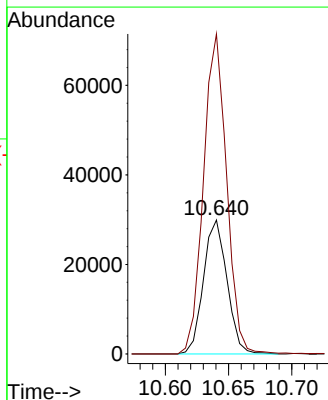
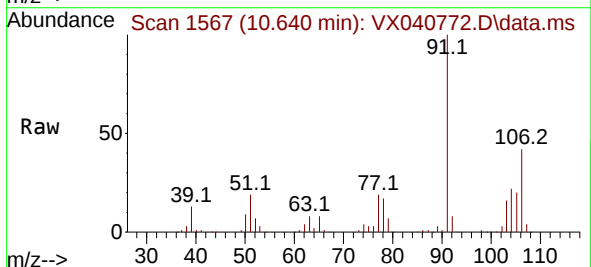
Manual Integrations
APPROVED

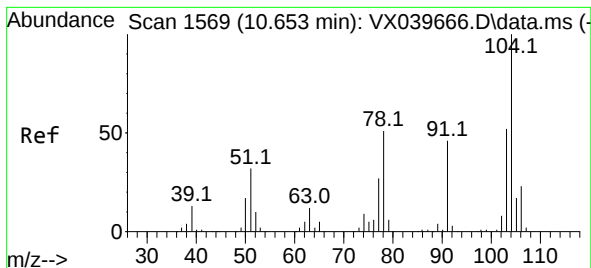
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#68
o-Xylene
Concen: 18.360 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion:106 Resp: 38785
Ion Ratio Lower Upper
106 100
91 235.2 111.2 333.6





#69

Styrene

Concen: 18.686 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

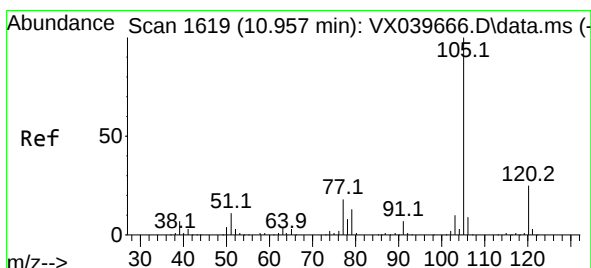
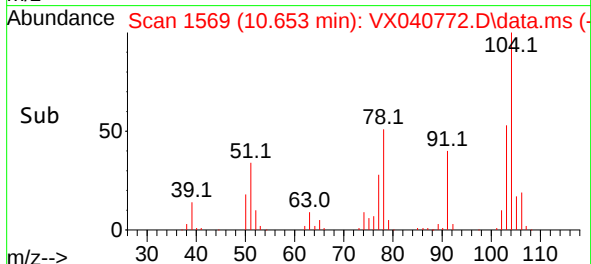
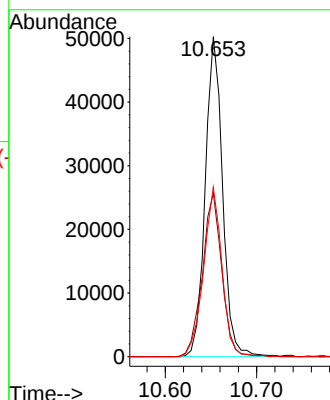
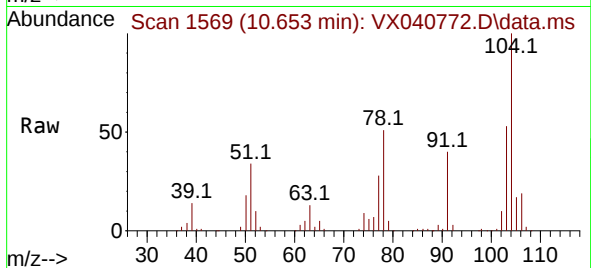
Tgt Ion:104 Resp: 6632
 Ion Ratio Lower Upper
 104 100
 78 57.5 43.7 65.5
 103 56.2 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#70

Isopropylbenzene

Concen: 19.769 ug/l

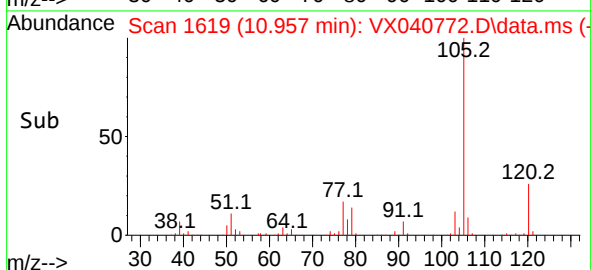
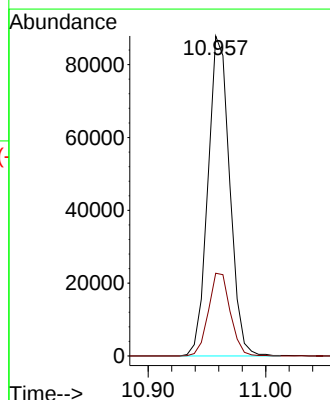
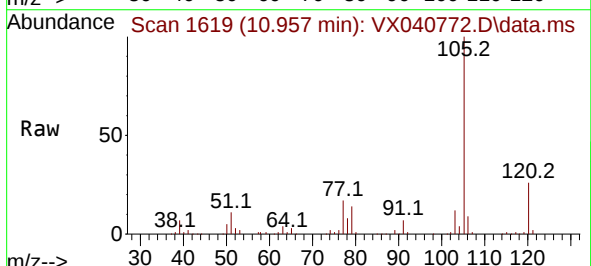
RT: 10.957 min Scan# 1619

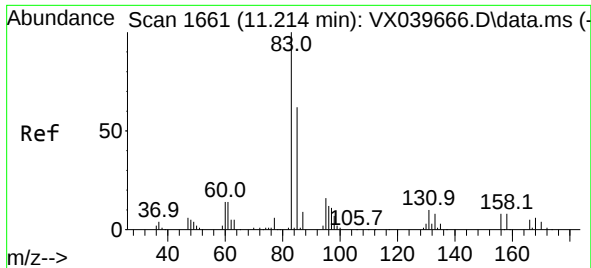
Delta R.T. 0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Tgt Ion:105 Resp: 112845
 Ion Ratio Lower Upper
 105 100
 120 26.1 18.5 34.3





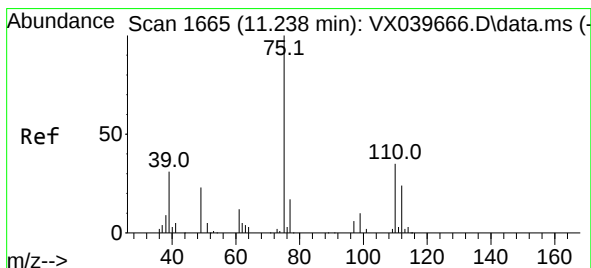
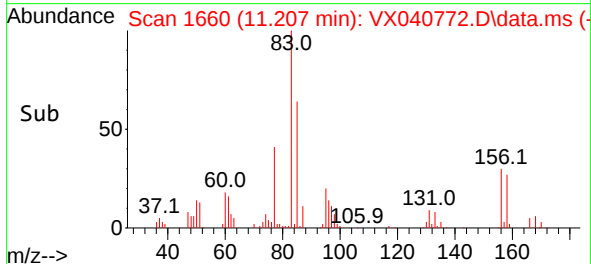
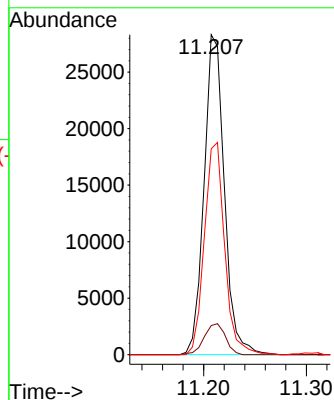
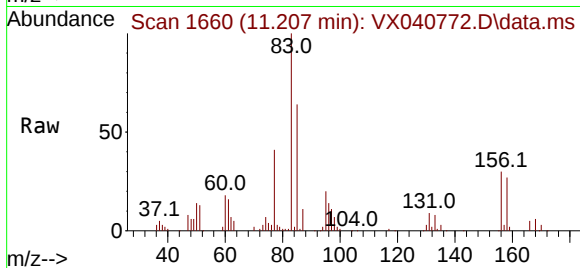
#71
1,1,2,2-Tetrachloroethane
Concen: 19.478 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 83 Resp: 38978
Ion Ratio Lower Upper
83 100
131 10.1 4.6 13.8
85 66.2 32.5 97.4

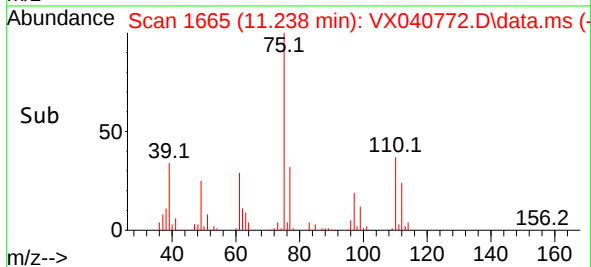
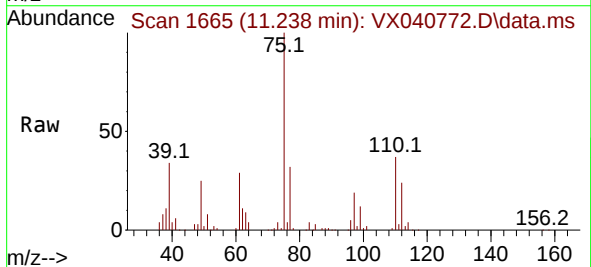
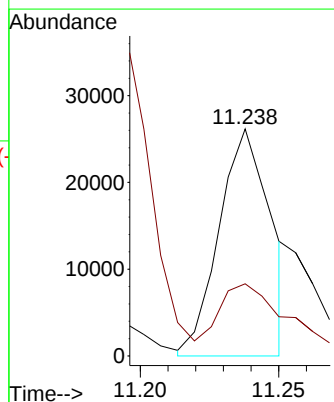
Manual Integrations
APPROVED

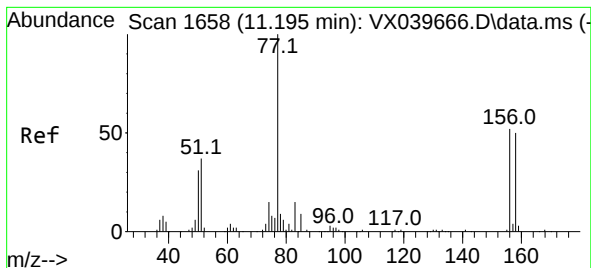
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#72
1,2,3-Trichloropropane
Concen: 18.721 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 75 Resp: 33708
Ion Ratio Lower Upper
75 100
77 43.6 0.0 76.4





#73

Bromobenzene

Concen: 19.587 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

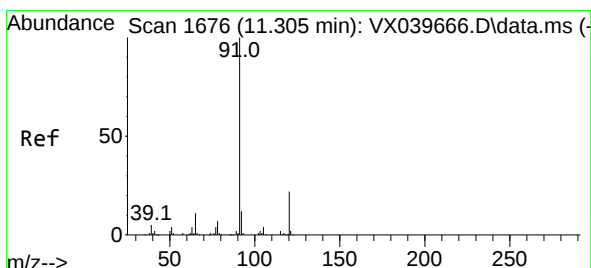
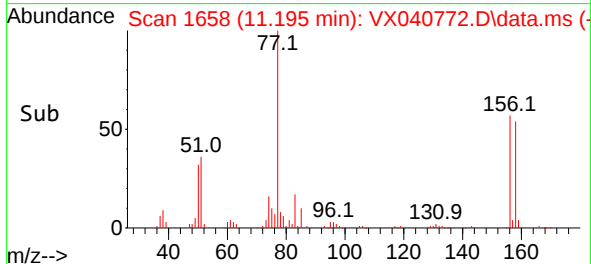
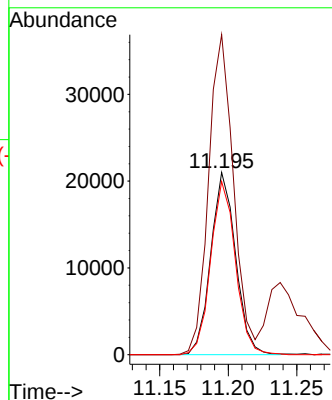
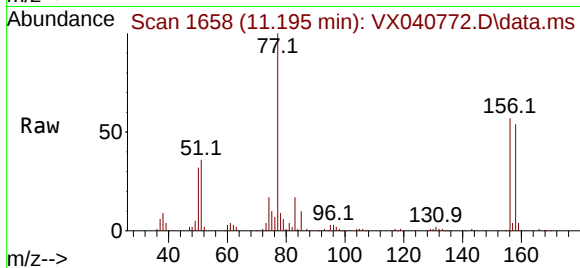
Tgt Ion:	156	Resp:	26468
Ion Ratio	Lower	Upper	
156	100		
77	175.7	0.0	363.2
158	94.6	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#74

n-propylbenzene

Concen: 20.396 ug/l

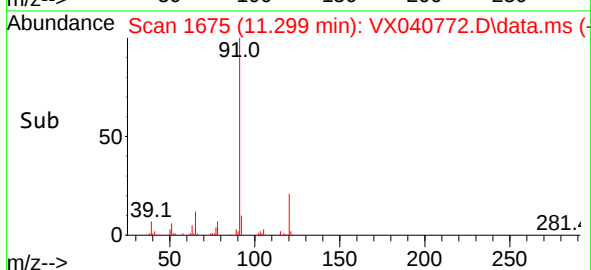
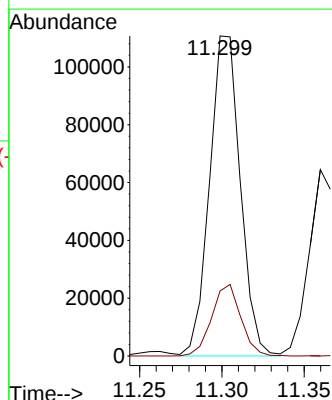
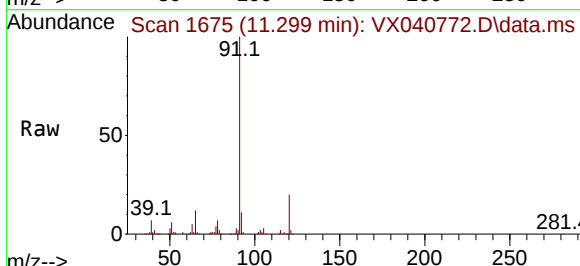
RT: 11.299 min Scan# 1675

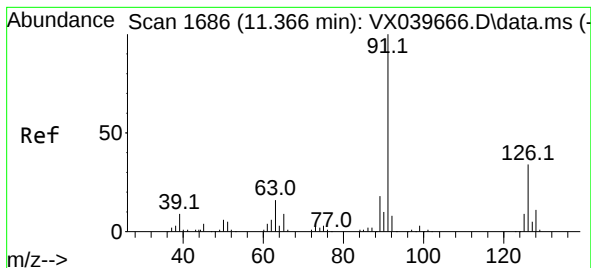
Delta R.T. -0.006 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Tgt Ion:	91	Resp:	143786
Ion Ratio	Lower	Upper	
91	100		
120	21.2	0.0	43.4





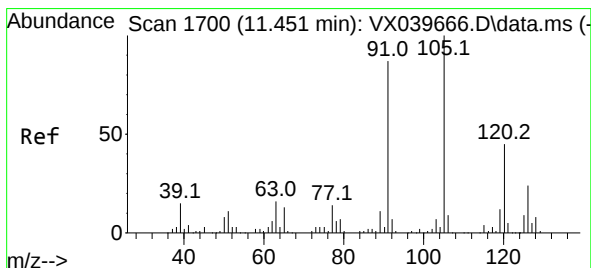
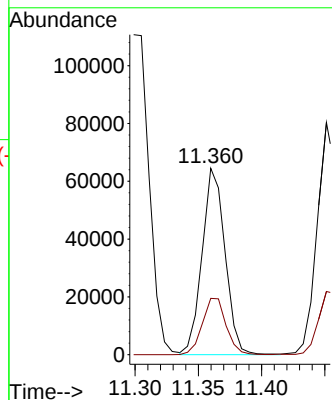
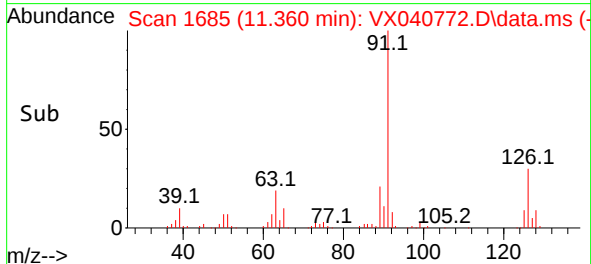
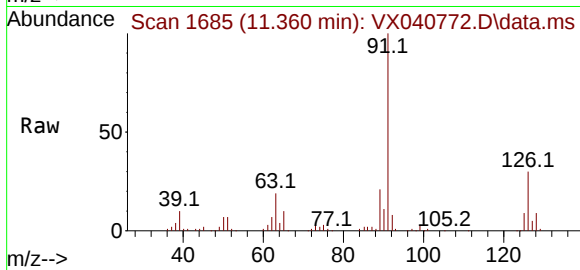
#75
2-Chlorotoluene
Concen: 19.517 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tgt Ion: 91 Resp: 8165
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.2

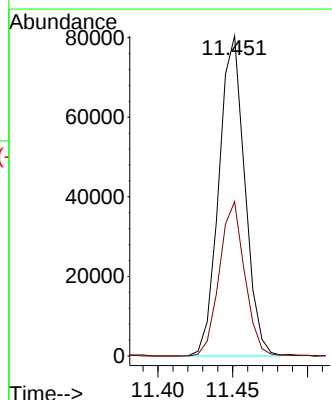
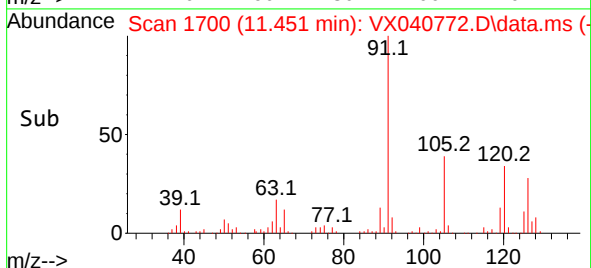
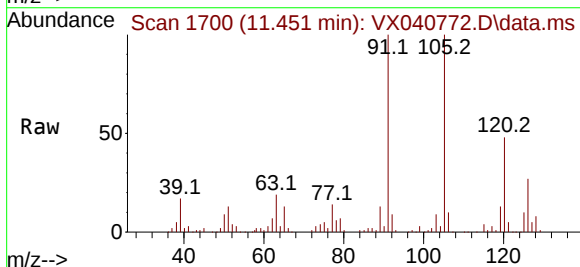
Manual Integrations
APPROVED

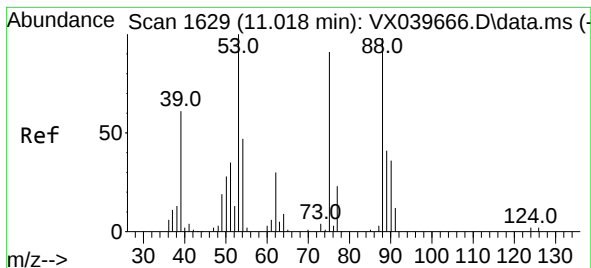
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.269 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

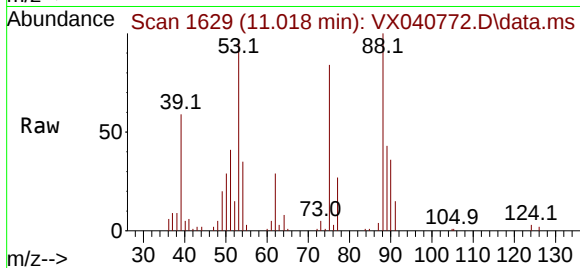
Tgt Ion:105 Resp: 96831
Ion Ratio Lower Upper
105 100
120 47.3 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.976 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

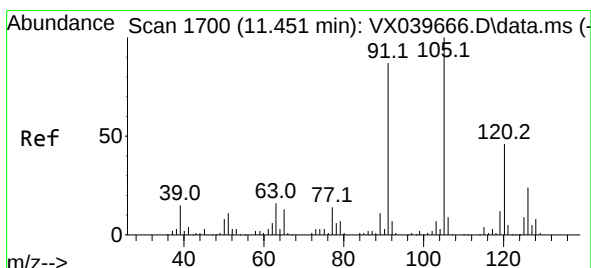
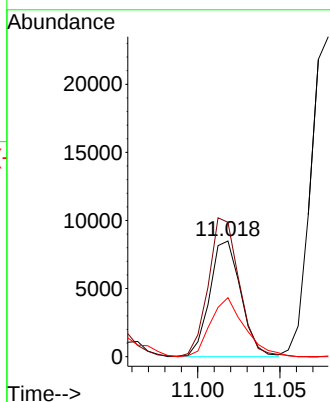
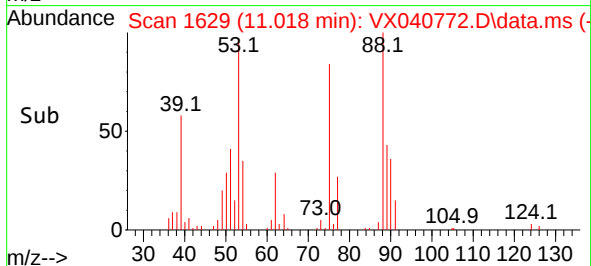
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 75 Resp: 11178
Ion Ratio Lower Upper
75 100
53 116.8 46.9 140.8
89 51.4 21.3 63.7

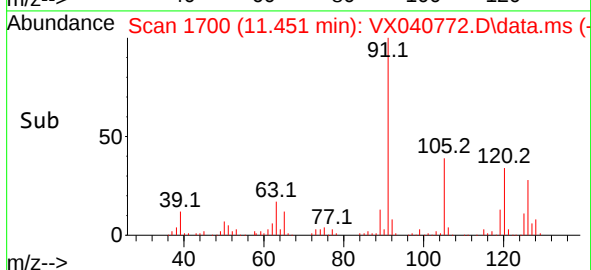
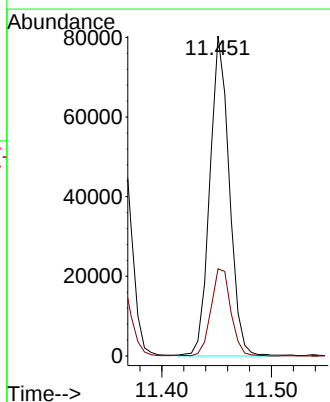
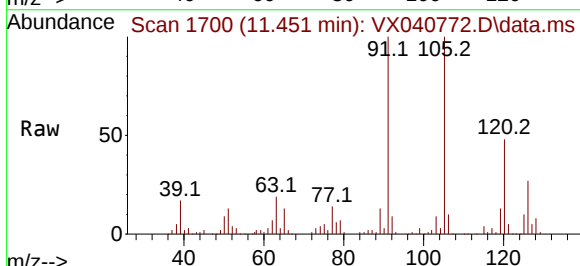
Manual Integrations
APPROVED

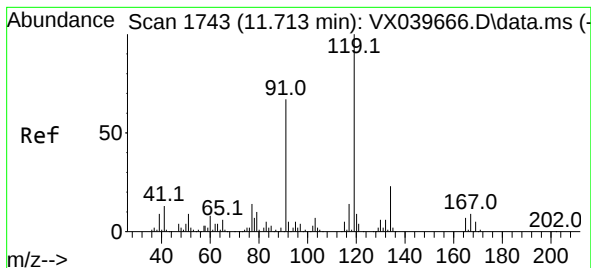
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#78
4-Chlorotoluene
Concen: 19.840 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

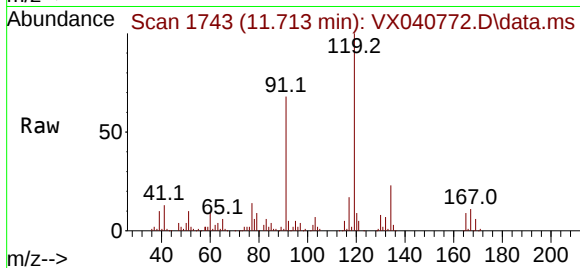
Tgt Ion: 91 Resp: 99018
Ion Ratio Lower Upper
91 100
126 27.7 0.0 57.4





#79
tert-butylbenzene
Concen: 19.215 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

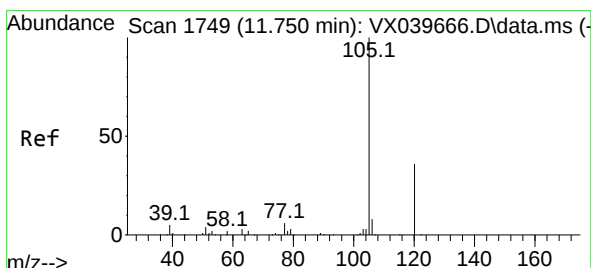
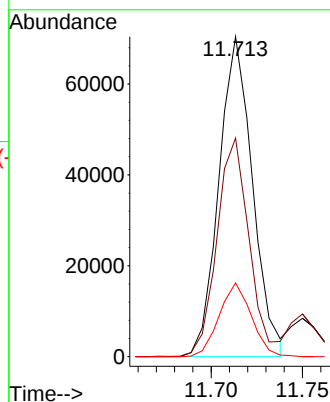
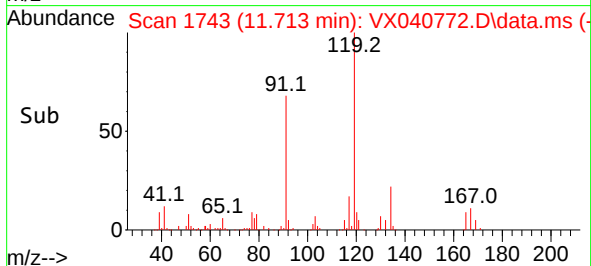
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:119 Resp: 90128
Ion Ratio Lower Upper
119 100
91 64.4 0.0 125.6
134 22.1 0.0 43.8

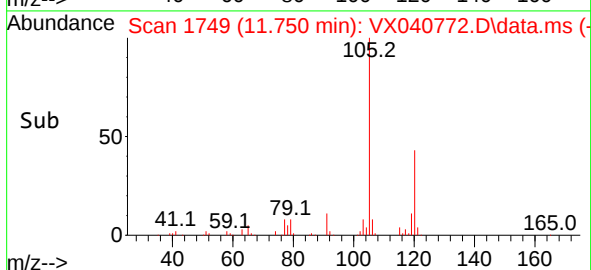
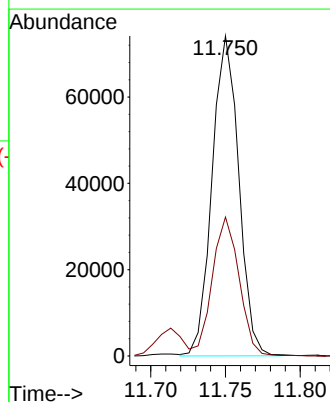
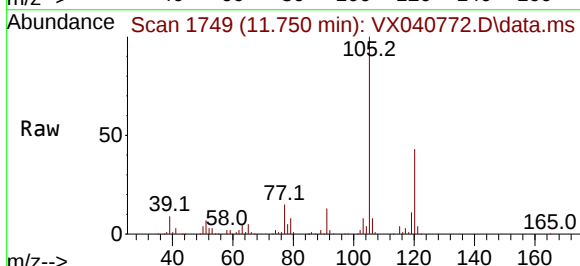
Manual Integrations
APPROVED

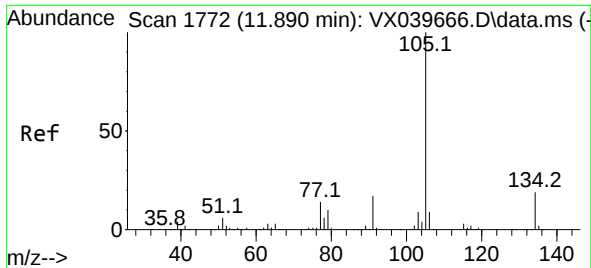
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.581 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion:105 Resp: 92001
Ion Ratio Lower Upper
105 100
120 43.7 0.0 86.4





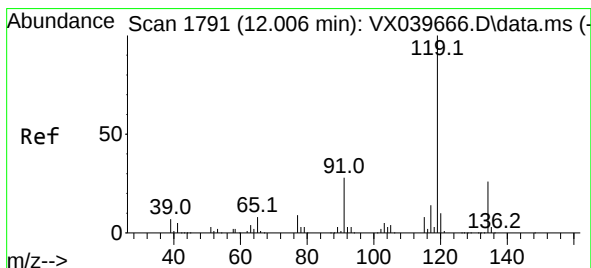
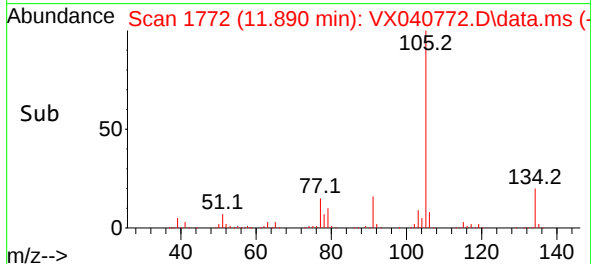
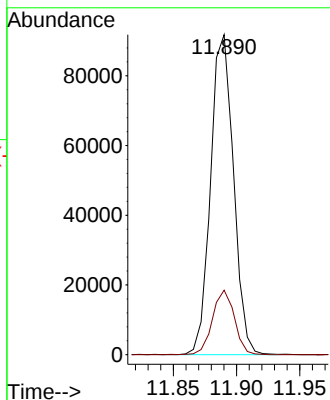
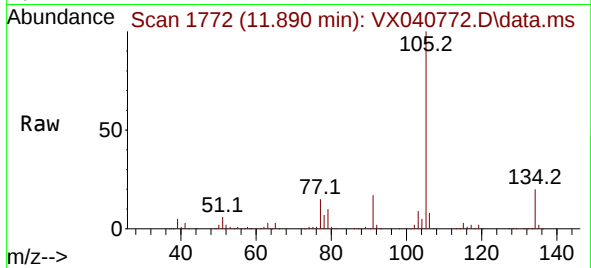
#81
 sec-Butylbenzene
 Concen: 18.671 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040772.D
 Acq: 22 Mar 2024 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tgt Ion:105 Resp: 115620
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

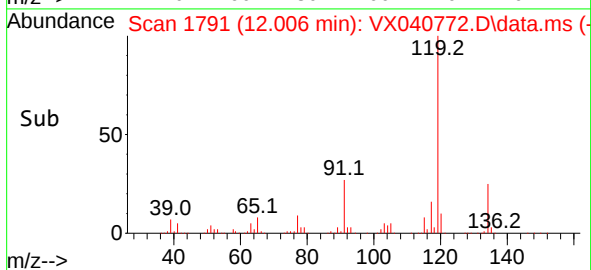
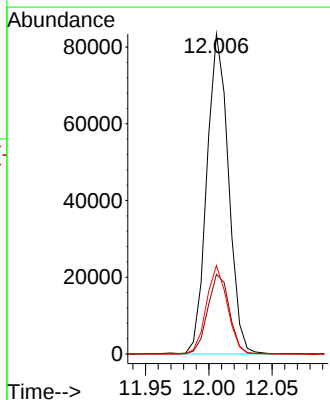
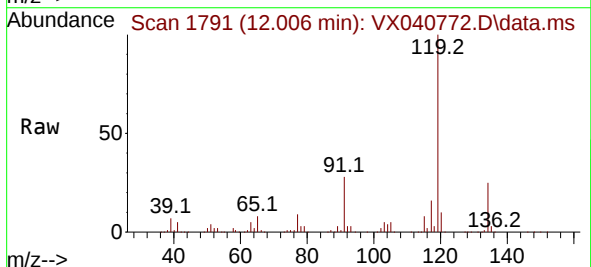
Manual Integrations
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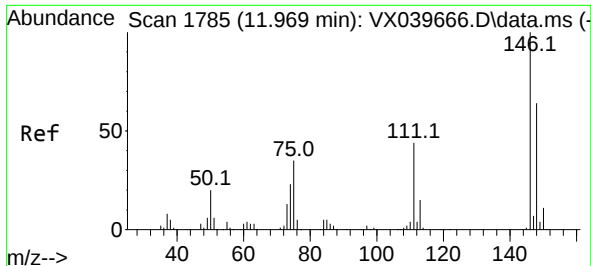
Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024



#82
 p-Isopropyltoluene
 Concen: 19.562 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040772.D
 Acq: 22 Mar 2024 11:43

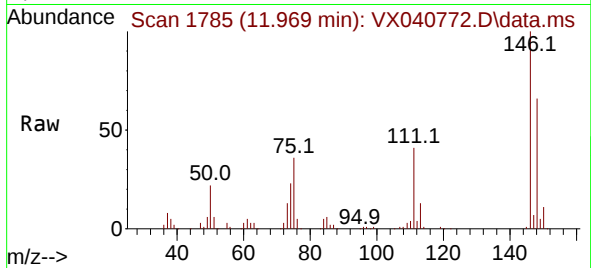
Tgt Ion:119 Resp: 99157
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.6
 91 26.8 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 18.405 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

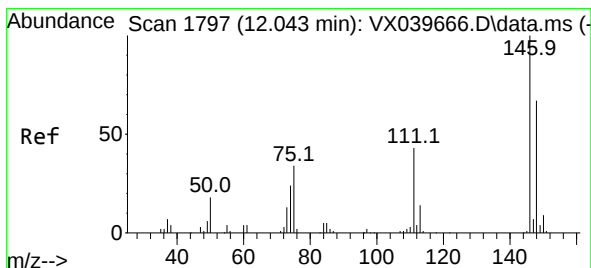
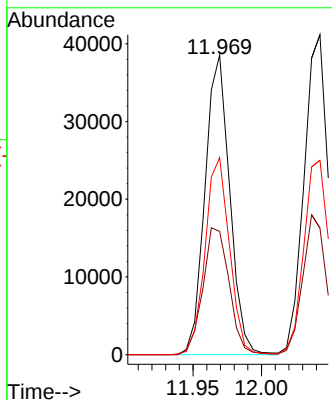
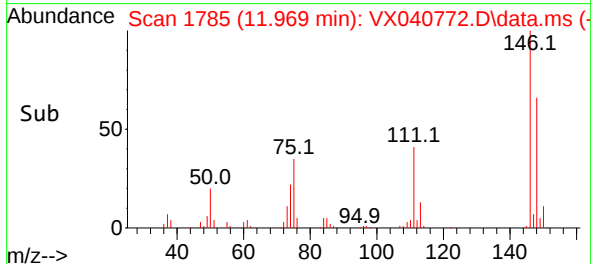
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:146 Resp: 4839
Ion Ratio Lower Upper
146 100
111 45.1 22.3 66.9
148 64.9 32.8 98.3

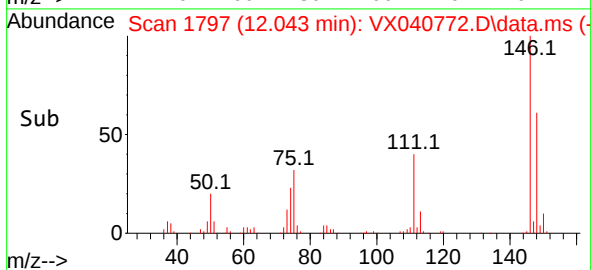
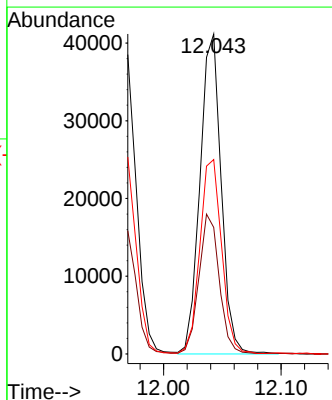
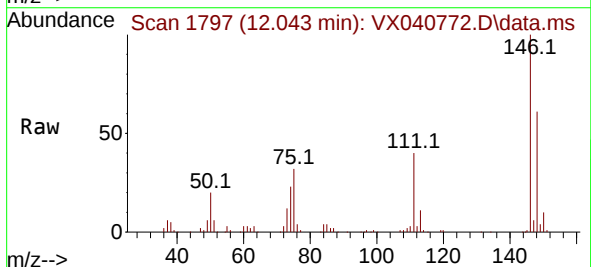
Manual Integrations
APPROVED

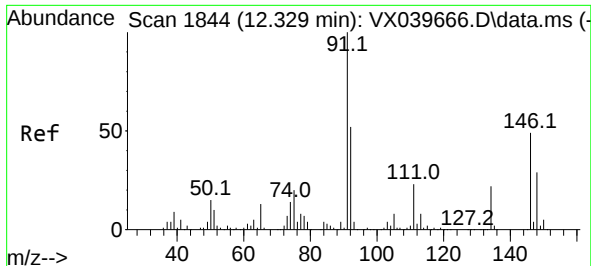
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#84
1,4-Dichlorobenzene
Concen: 19.165 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

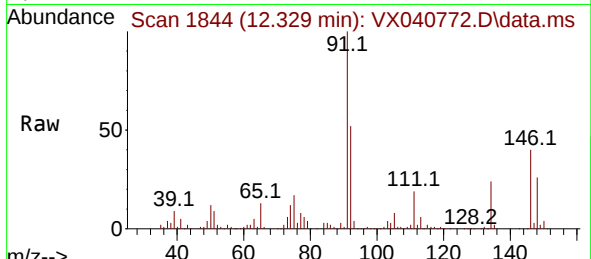
Tgt Ion:146 Resp: 51533
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 62.7 31.8 95.4





#85
n-Butylbenzene
Concen: 19.460 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

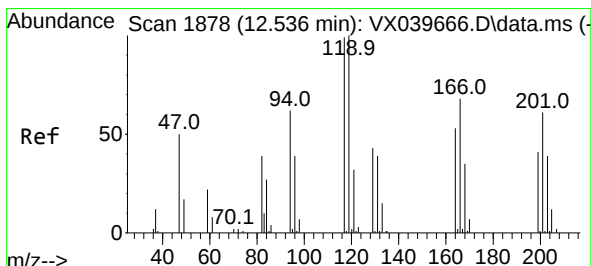
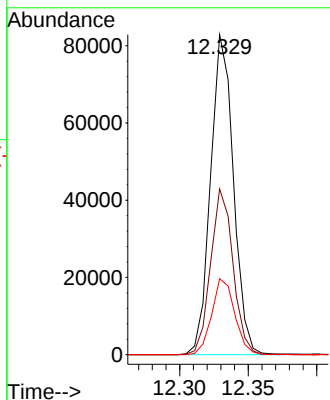
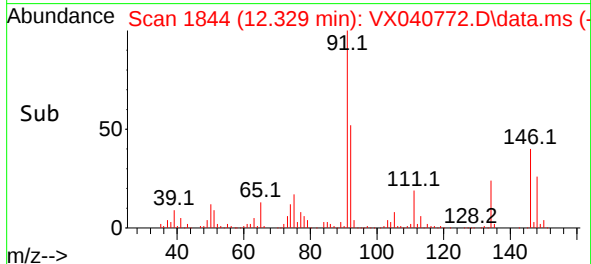
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion: 91 Resp: 9598
Ion Ratio Lower Upper
91 100
92 50.8 0.0 106.2
134 23.9 0.0 48.8

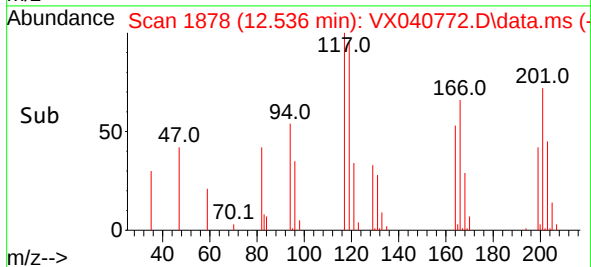
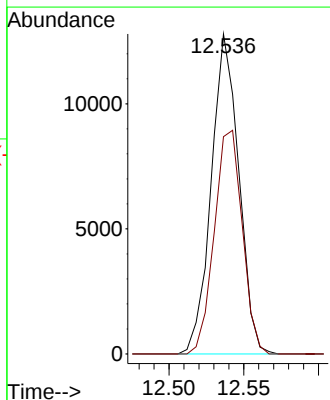
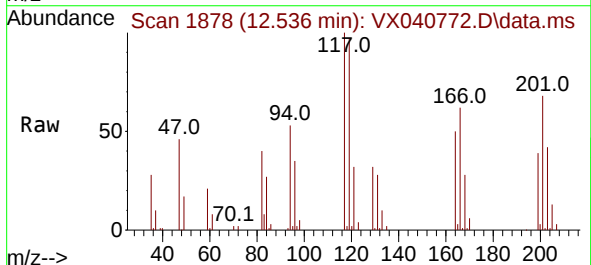
Manual Integrations
APPROVED

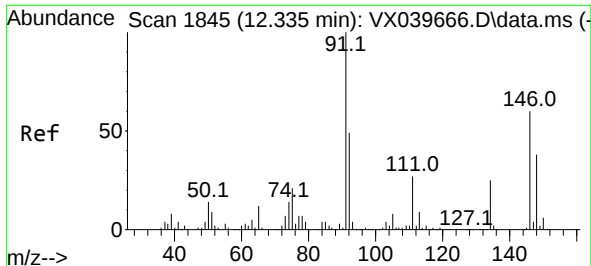
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#86
Hexachloroethane
Concen: 18.514 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

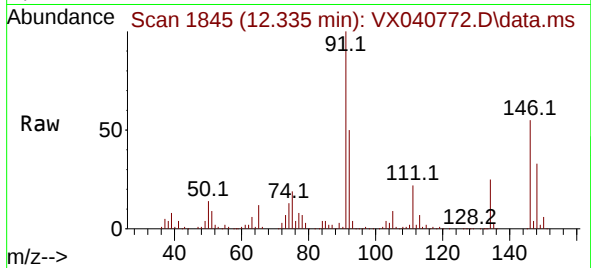
Tgt Ion:117 Resp: 16375
Ion Ratio Lower Upper
117 100
201 71.1 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 18.684 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

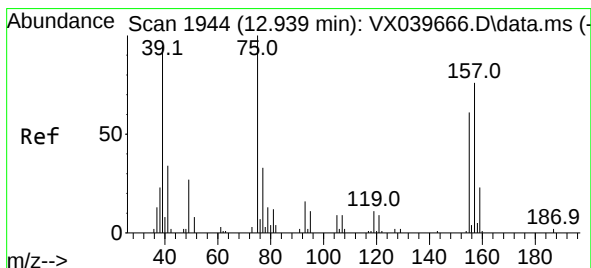
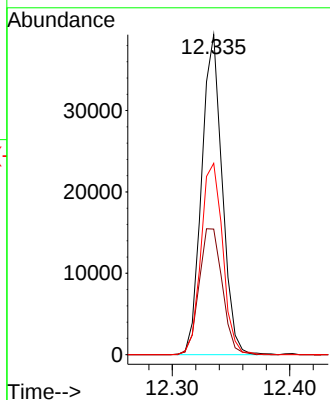
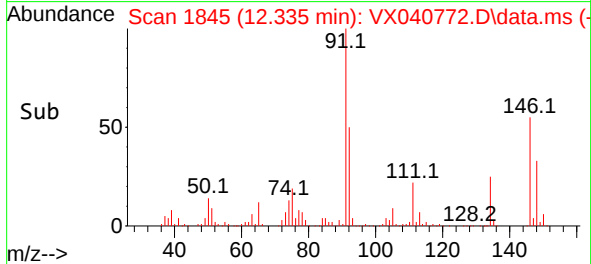
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



Tgt Ion:146 Resp: 47739
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.2
148 63.3 31.9 95.7

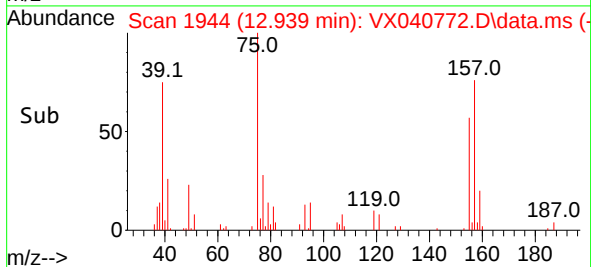
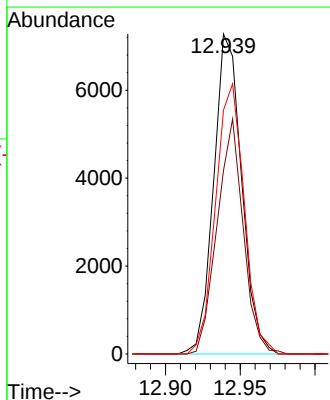
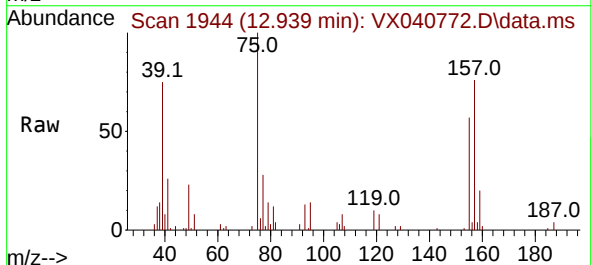
Manual Integrations
APPROVED

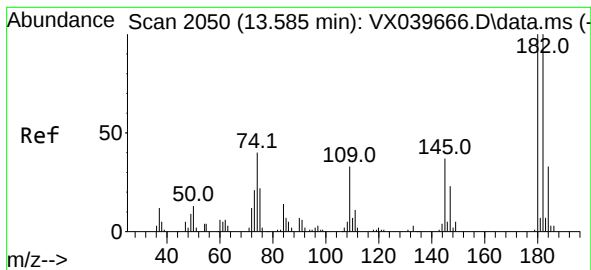
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.646 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

Tgt Ion: 75 Resp: 9442
Ion Ratio Lower Upper
75 100
155 68.7 58.2 87.4
157 86.7 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 18.819 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

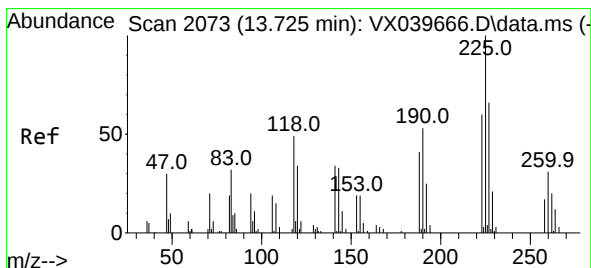
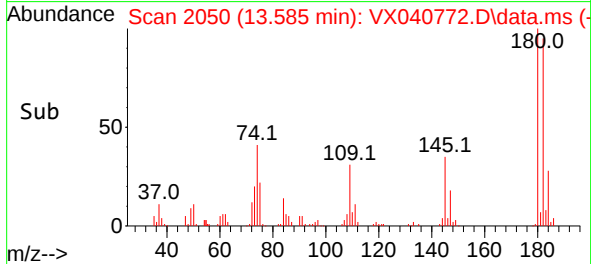
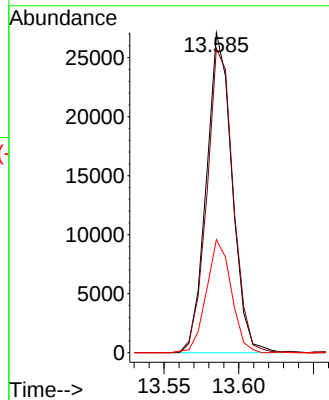
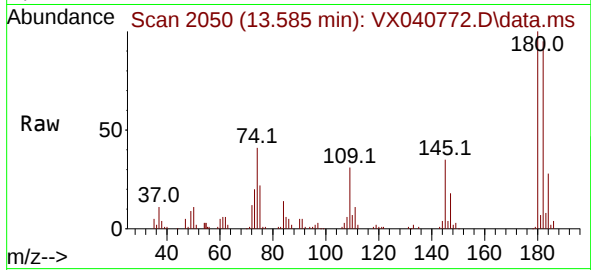
Tgt Ion:	180	Resp:	32370
Ion Ratio	Lower	Upper	
180	100		
182	97.3	74.5	111.7
145	34.3	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Semsettin Yesilyurt 03/25/2024



#90

Hexachlorobutadiene

Concen: 20.029 ug/l

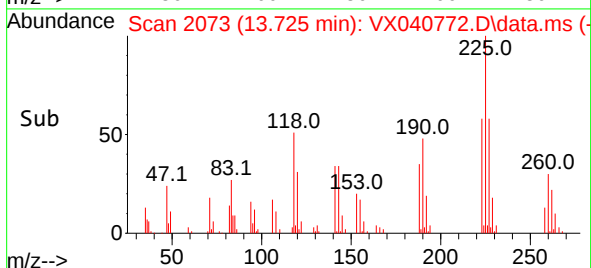
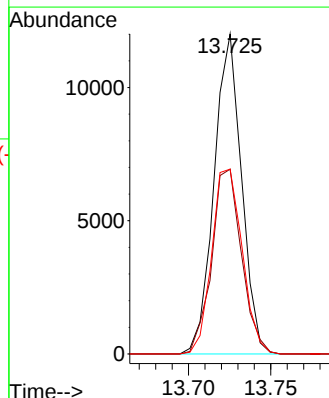
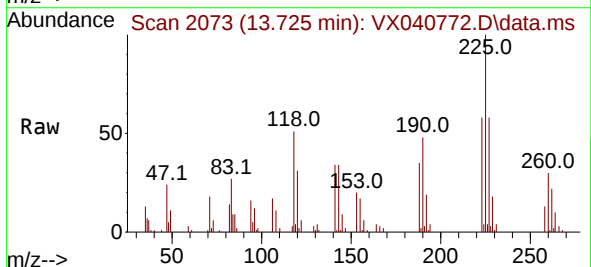
RT: 13.725 min Scan# 2073

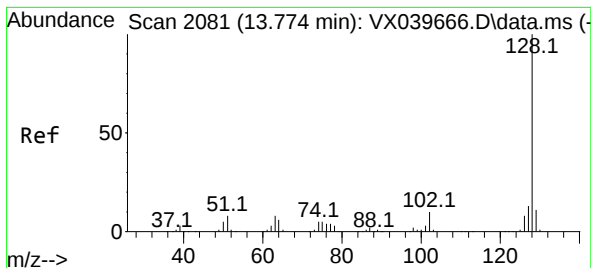
Delta R.T. 0.000 min

Lab File: VX040772.D

Acq: 22 Mar 2024 11:43

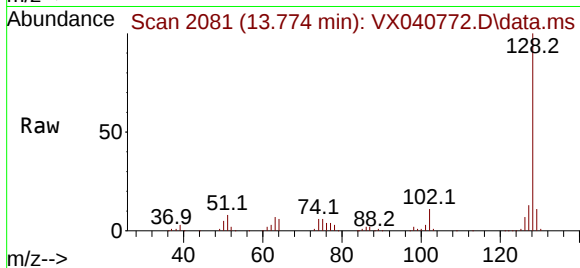
Tgt Ion:	225	Resp:	13933
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	124.4
227	64.1	0.0	124.4





#91
Naphthalene
Concen: 19.567 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43

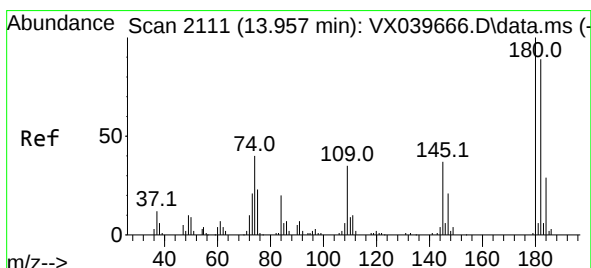
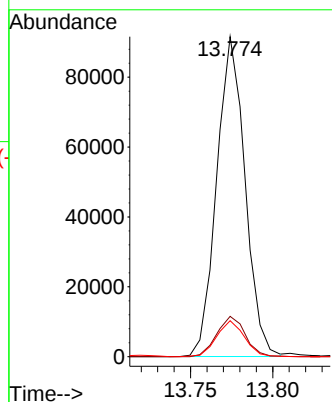
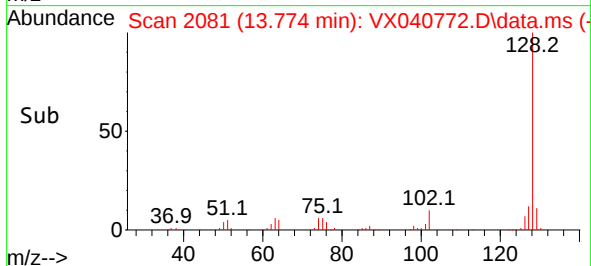
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01



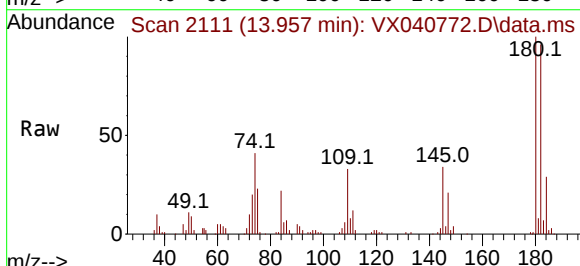
Tgt Ion:128 Resp: 10980
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.474 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040772.D
Acq: 22 Mar 2024 11:43



Tgt Ion:180 Resp: 33035
Ion Ratio Lower Upper
180 100
182 96.1 0.0 191.6
145 34.6 0.0 69.6

