

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040631.D
 Acq On : 14 Mar 2024 10:11
 Operator : JC/MD
 Sample : VX0314WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS01

Quant Time: Mar 15 05:41:40 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

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

Internal Standards						
1) Bromochloromethane	4.891	128	14121m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	80662	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	73806	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	41962	29.753	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.167%		
60) 4-Bromofluorobenzene	11.079	95	39481	31.186	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.967%		
63) Toluene-d8	8.647	98	100457	30.799	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.667%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17227	17.987	ug/l	96
3) Chloromethane	1.294	50	17101	17.427	ug/l	97
4) Vinyl Chloride	1.374	62	18593	17.532	ug/l	99
5) Bromomethane	1.605	94	13880	21.429	ug/l	99
6) Chloroethane	1.691	64	12604	20.229	ug/l	94
7) Trichlorofluoromethane	1.886	101	34784	21.542	ug/l	96
8) Diethyl Ether	2.130	74	11406	20.805	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	17462	19.743	ug/l	94
10) 1,1-Dichloroethene	2.319	96	15939	18.928	ug/l	94
11) Methyl Iodide	2.453	142	18976	18.632	ug/l	96
12) Methyl Acetate	2.697	43	25720	18.542	ug/l	93
13) Acrolein	2.233	56	24050	91.969	ug/l	99
14) Acrylonitrile	3.062	53	48100	88.063	ug/l	98
15) Acetone	2.373	58	13901	89.036	ug/l	72
16) Carbon Disulfide	2.514	76	41848	18.082	ug/l	98
17) Allyl chloride	2.666	41	28234	18.169	ug/l	89
18) Methylene Chloride	2.788	84	18227	18.958	ug/l #	91
19) trans-1,2-Dichloroethene	3.093	96	17567	19.108	ug/l	94
20) Diisopropyl ether	3.751	45	57758	18.585	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	33303	18.622	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	19416	18.186	ug/l	90
23) tert-Butyl Alcohol	2.946	59	20947	81.169	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	58532	18.834	ug/l	94
25) Chloroform	5.092	83	37408	19.111	ug/l	92
26) Cyclohexane	5.470	56	27492	19.048	ug/l #	8
29) 1,1-Dichloropropene	5.684	75	26656	19.092	ug/l	96
30) 2-Butanone	4.544	43	73522	86.294	ug/l	98
31) 2,2-Dichloropropane	4.471	77	30592	20.301	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	33138	18.836	ug/l	96
33) Carbon Tetrachloride	5.678	117	28104	18.987	ug/l	97
34) Benzene	6.031	78	70841	18.795	ug/l	98
35) Methacrylonitrile	4.916	41	15259	17.446	ug/l	98
36) 1,2-Dichloroethane	6.086	62	33248	19.079	ug/l #	94
37) Trichloroethene	7.123	130	19565	19.317	ug/l	87
38) Methylcyclohexane	7.379	83	29062	19.330	ug/l	96
39) 1,2-Dichloropropane	7.427	63	18609	19.391	ug/l	99
40) Dibromomethane	7.574	93	14527	19.269	ug/l	96
41) Bromodichloromethane	7.818	83	29477	19.654	ug/l	97
42) Vinyl Acetate	3.715	43	265592	90.540	ug/l	99

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 05:41:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	28684	17.876	ug/l	99
44) Isopropyl Acetate	6.336	43	47170	18.416	ug/l	93
45) 1,4-Dioxane	7.659	88	8051	305.794	ug/l	95
46) Methyl methacrylate	7.690	41	23217	18.250	ug/l	93
47) n-amyl Acetate	10.841	43	40793	18.480	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	31252	19.714	ug/l	92
49) cis-1,3-Dichloropropene	8.366	75	31982	19.805	ug/l	91
50) 1,1,2-Trichloroethane	9.147	97	18983	18.956	ug/l	97
51) Ethyl methacrylate	9.116	69	28937	18.354	ug/l	98
52) 1,3-Dichloropropane	9.305	76	33222	19.442	ug/l	98
53) Dibromochloromethane	9.518	129	22175	19.425	ug/l	97
54) 1,2-Dibromoethane	9.610	107	20867	18.832	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	75206	93.671	ug/l	99
56) Bromoform	10.799	173	16400	20.254	ug/l #	99
58) 4-Methyl-2-Pentanone	8.567	43	155030	94.331	ug/l	98
59) 2-Hexanone	9.427	43	120193	90.541	ug/l	97
61) Tetrachloroethene	9.269	164	17737	20.247	ug/l	95
62) Toluene	8.714	91	80966	19.918	ug/l	100
64) Chlorobenzene	10.079	112	50666	20.393	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	19349	20.418	ug/l	96
66) Ethyl Benzene	10.189	91	94181	20.095	ug/l	97
67) m/p-Xylenes	10.299	106	69844	40.355	ug/l	97
68) o-Xylene	10.640	106	33742	20.252	ug/l	96
69) Styrene	10.652	104	57437	20.518	ug/l	99
70) Isopropylbenzene	10.957	105	93687	20.810	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	31369	19.875	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	28284m	19.917	ug/l	
73) Bromobenzene	11.195	156	21918	20.565	ug/l	96
74) n-propylbenzene	11.305	91	116009	20.864	ug/l	99
75) 2-Chlorotoluene	11.360	91	68151	20.654	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	80397	20.285	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	8885	20.132	ug/l	86
78) 4-Chlorotoluene	11.451	91	81610	20.733	ug/l	96
79) tert-butylbenzene	11.713	119	76592	20.704	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	80489	20.611	ug/l	98
81) sec-Butylbenzene	11.890	105	99655	20.403	ug/l	99
82) p-Isopropyltoluene	12.006	119	82213	20.564	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	43565	21.007	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	43242	20.390	ug/l	99
85) n-Butylbenzene	12.329	91	78928	20.289	ug/l	98
86) Hexachloroethane	12.536	117	14175	20.320	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	41934	20.809	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8007	18.973	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	27686	20.404	ug/l	99
90) Hexachlorobutadiene	13.725	225	11887	21.666	ug/l	96
91) Naphthalene	13.774	128	85203	19.250	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	27150	20.293	ug/l	99

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

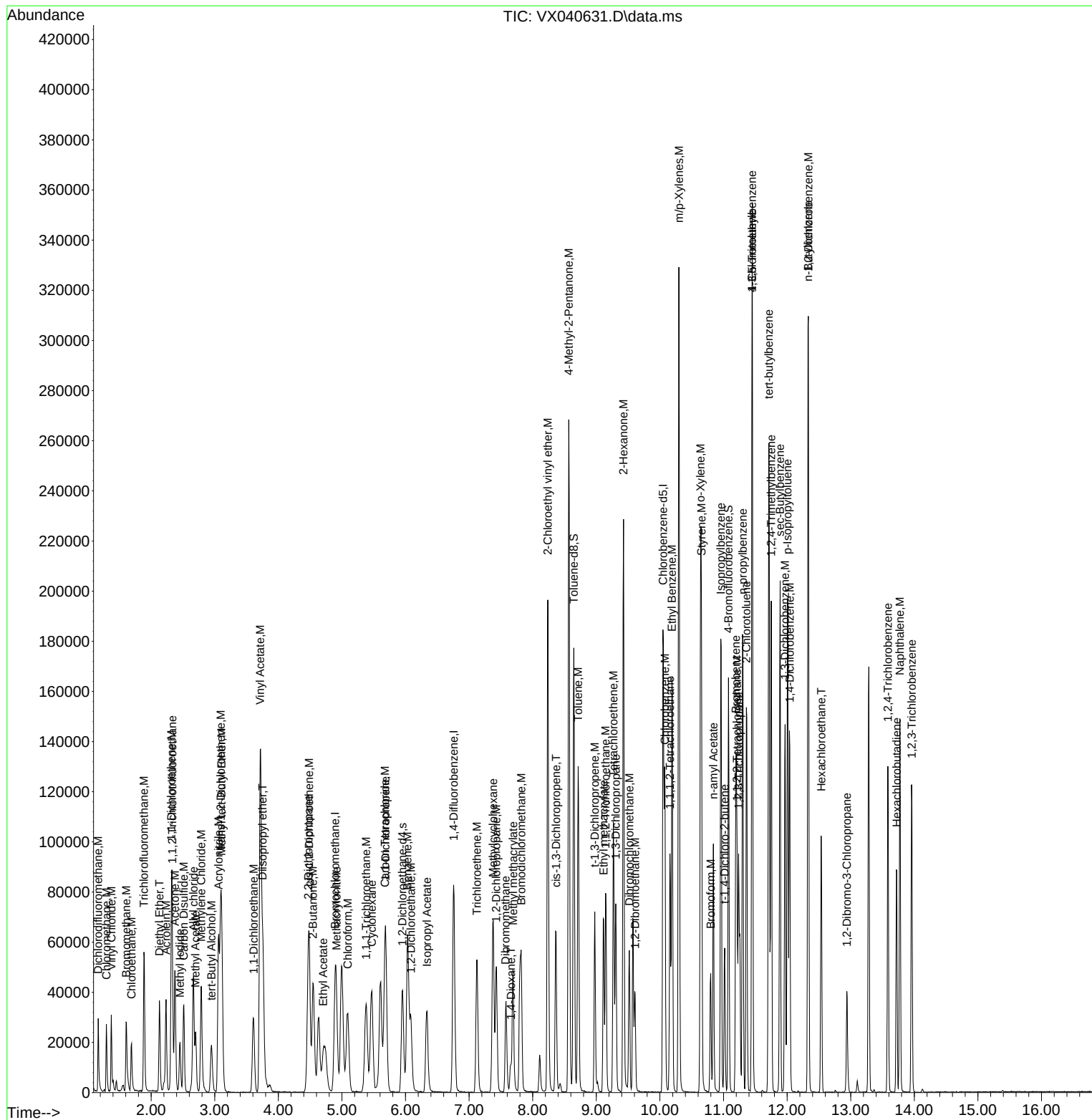
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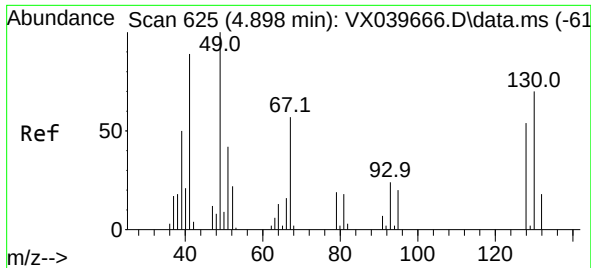
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS01

Manual Integrations APPROVED

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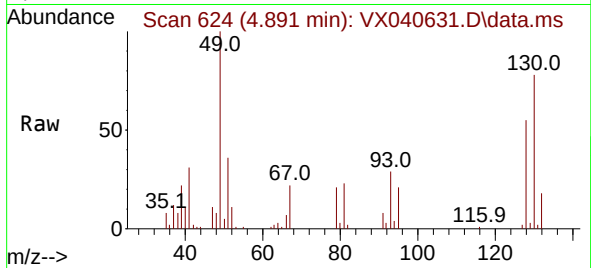
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

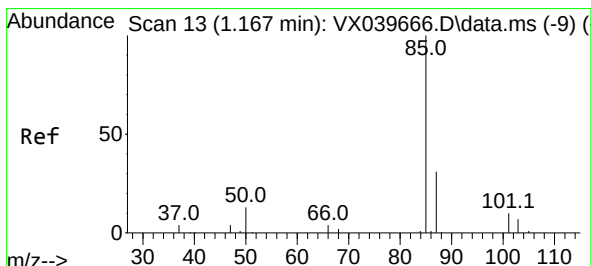
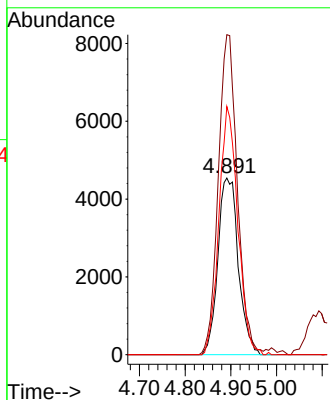
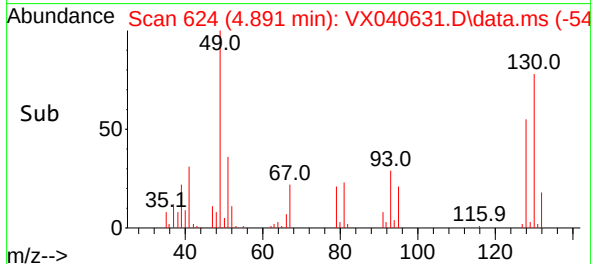
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:128 Resp: 1412
Ion Ratio Lower Upper
128 100
49 168.9 0.0 444.0
130 129.3 0.0 297.8

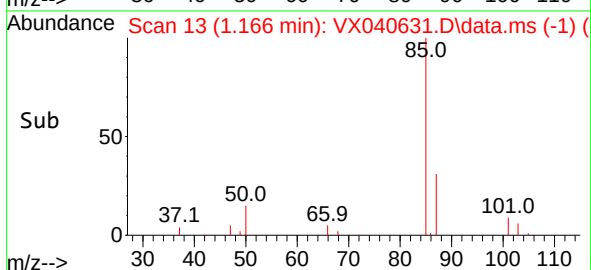
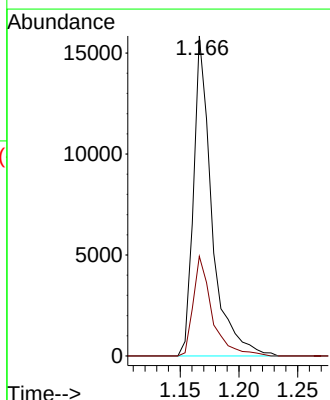
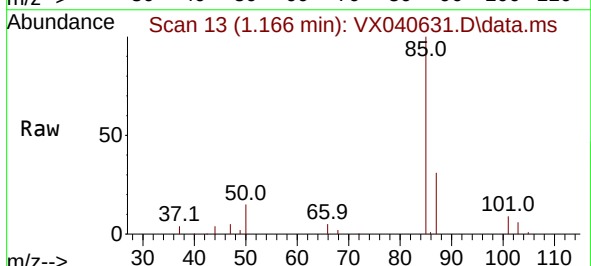
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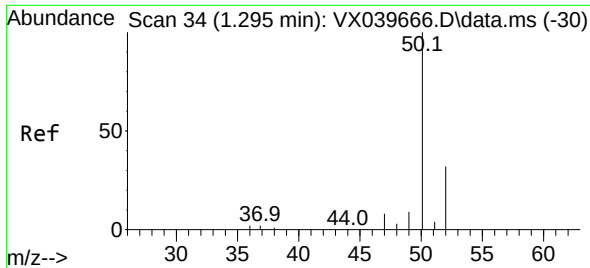
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#2
Dichlorodifluoromethane
Concen: 17.987 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 85 Resp: 17227
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





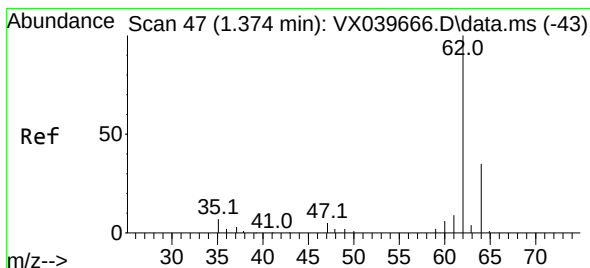
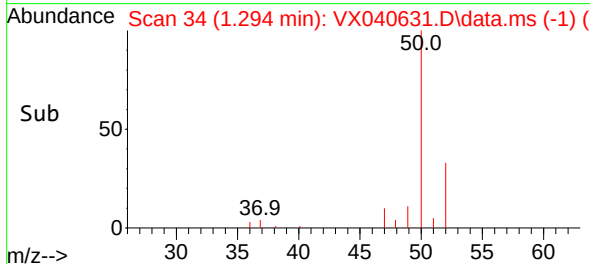
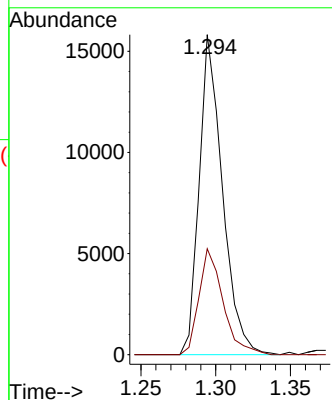
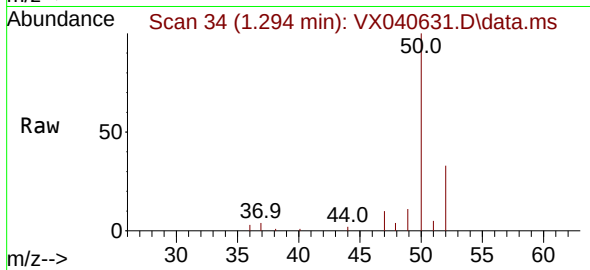
#3
Chloromethane
Concen: 17.427 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 50 Resp: 1710
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8

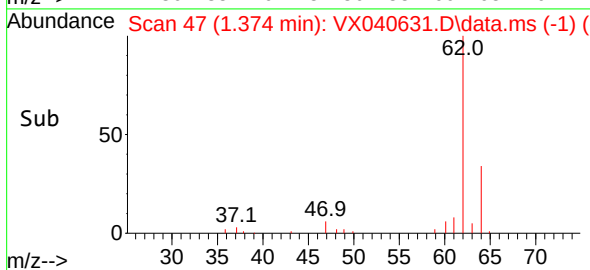
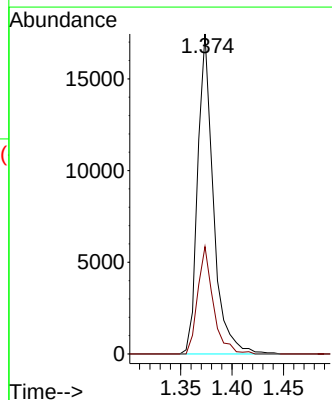
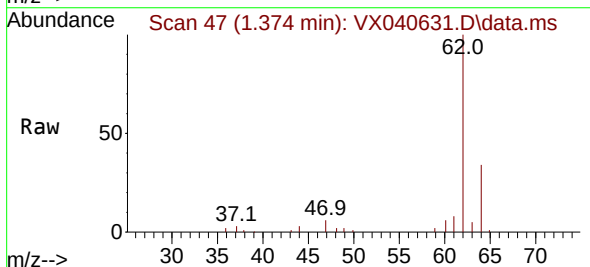
Manual Integrations
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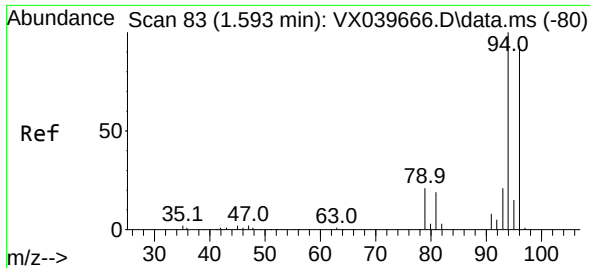
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#4
Vinyl Chloride
Concen: 17.532 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 62 Resp: 18593
Ion Ratio Lower Upper
62 100
64 33.6 26.3 39.5





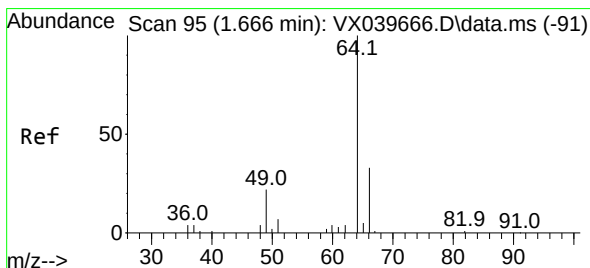
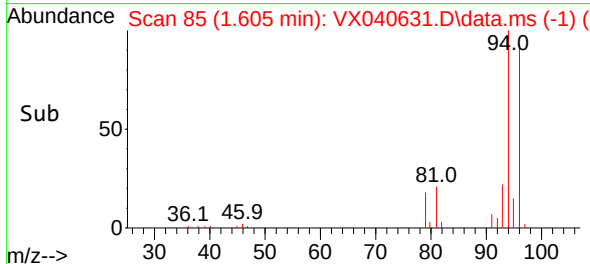
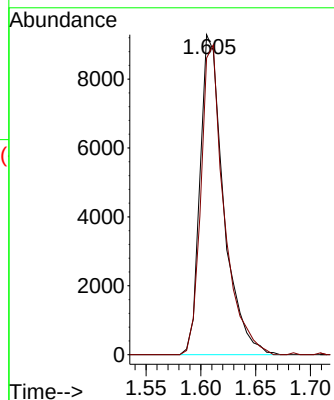
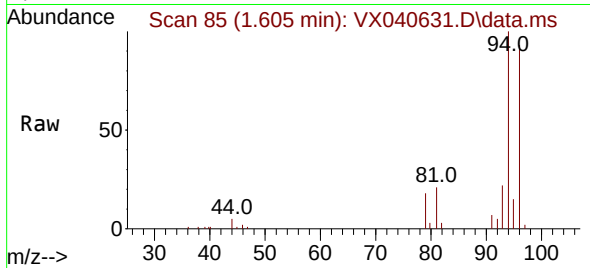
#5
Bromomethane
Concen: 21.429 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 94 Resp: 13880
Ion Ratio Lower Upper
94 100
96 92.7 74.9 112.3

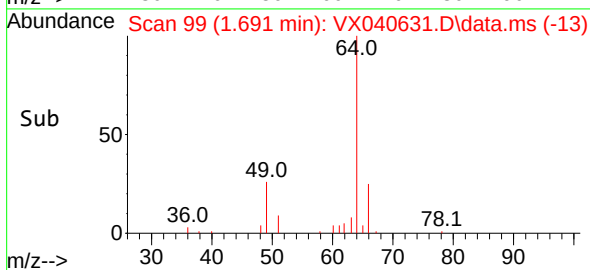
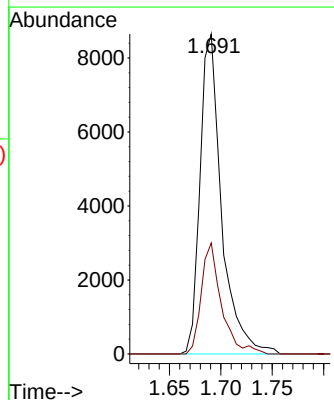
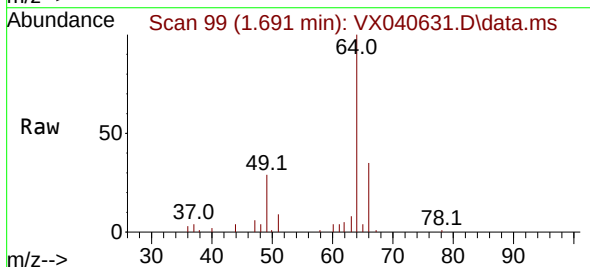
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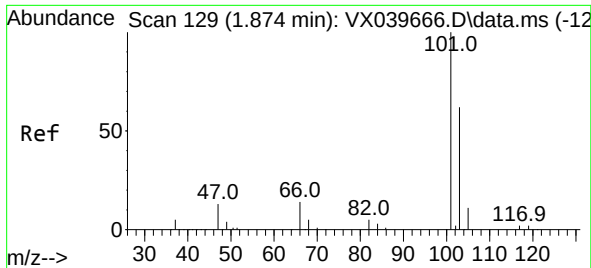
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#6
Chloroethane
Concen: 20.229 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

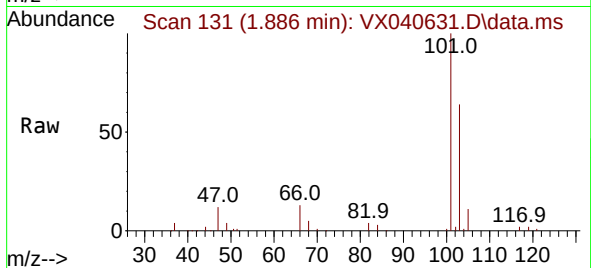
Tgt Ion: 64 Resp: 12604
Ion Ratio Lower Upper
64 100
66 34.7 25.0 37.6





#7
Trichlorofluoromethane
Concen: 21.542 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040631.D
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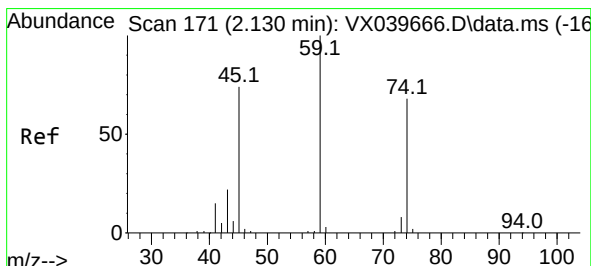
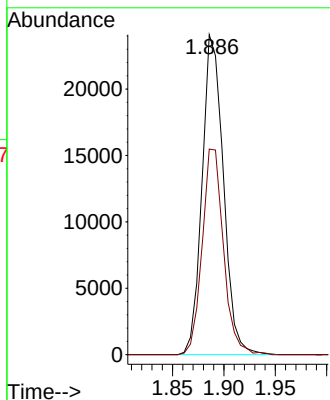
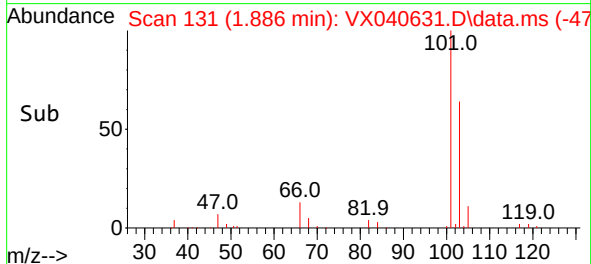
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



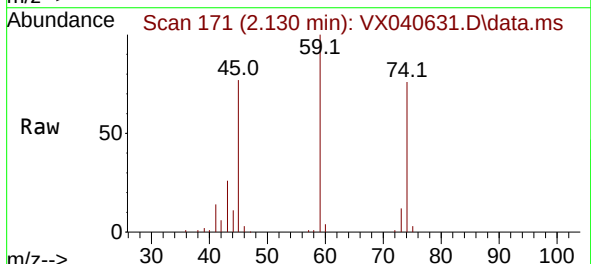
Tgt Ion:101 Resp: 34784
Ion Ratio Lower Upper
101 100
103 64.3 49.1 73.7

Manual Integrations
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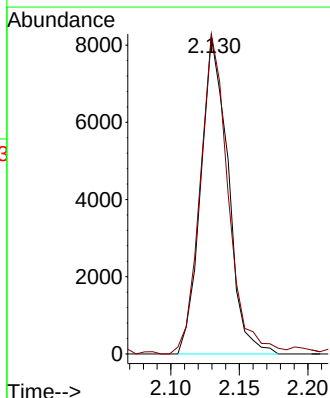
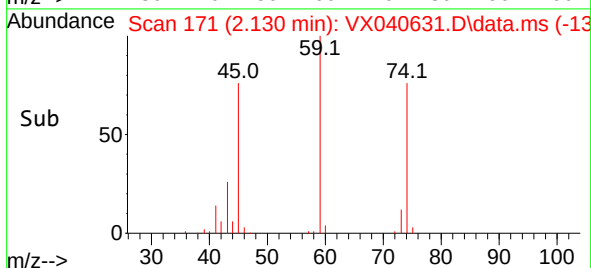
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

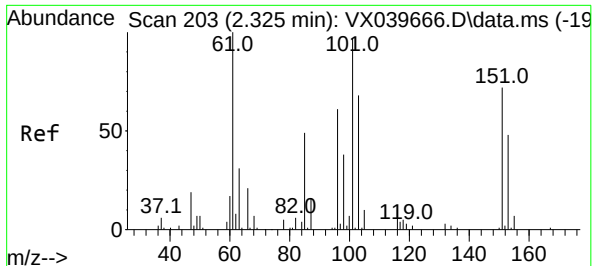


#8
Diethyl Ether
Concen: 20.805 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11



Tgt Ion: 74 Resp: 11406
Ion Ratio Lower Upper
74 100
45 103.2 20.5 184.5





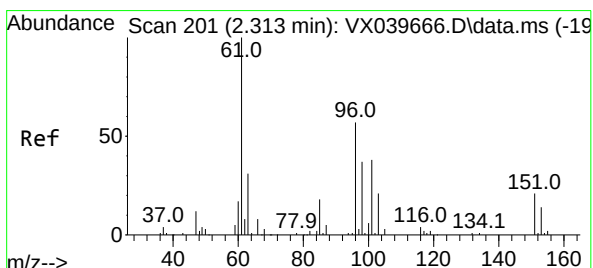
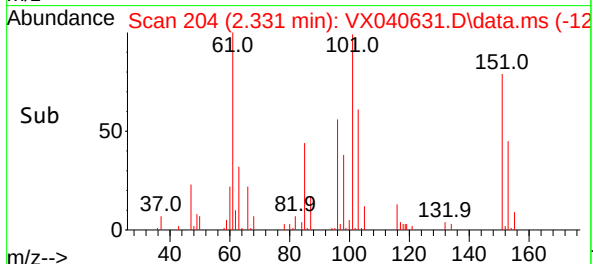
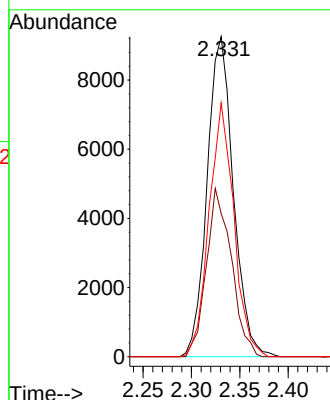
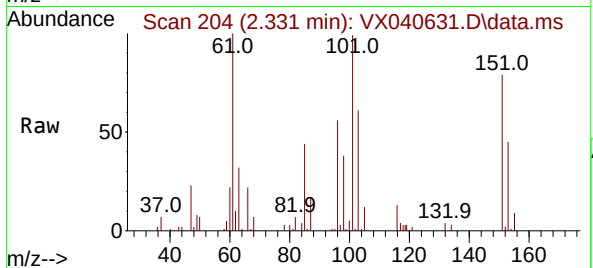
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1,1,2-Trichlorotrifluoroethane
Concen: 19.743 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

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MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion:101 Resp: 1746
Ion Ratio Lower Upper
101 100
85 50.2 0.0 95.2
151 75.0 0.0 136.8

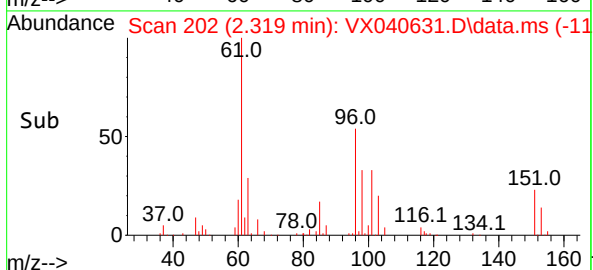
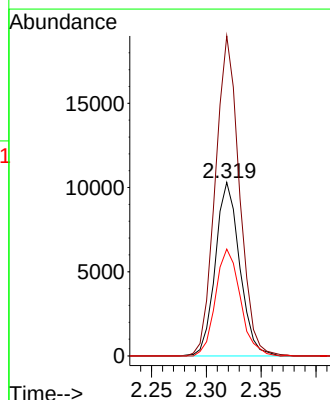
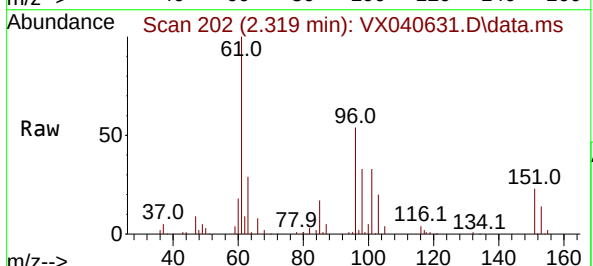
Manual Integrations
APPROVED

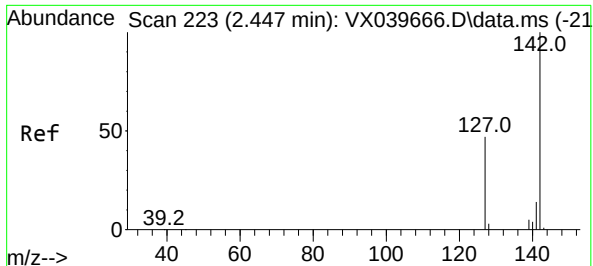
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#10
1,1-Dichloroethene
Concen: 18.928 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 96 Resp: 15939
Ion Ratio Lower Upper
96 100
61 184.4 138.3 207.5
98 61.5 49.8 74.6





#11

Methyl Iodide

Concen: 18.632 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

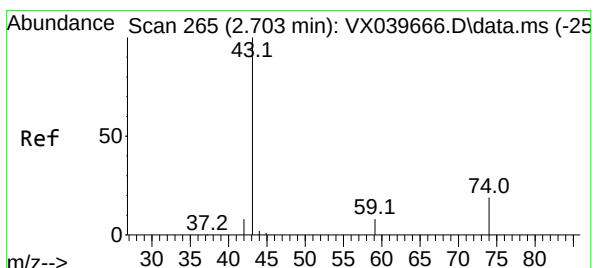
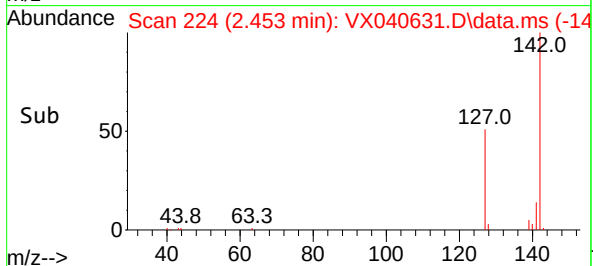
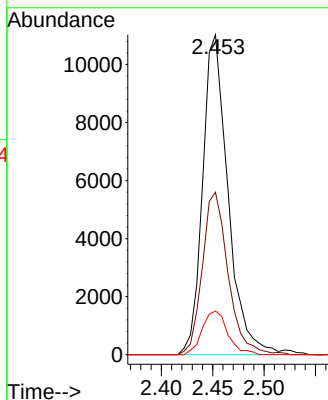
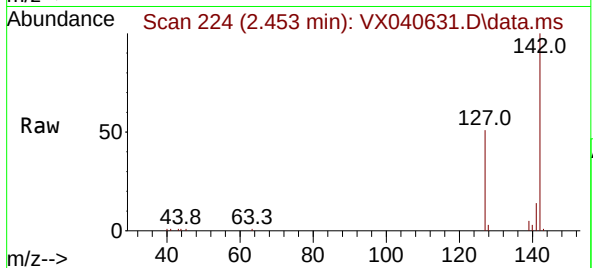
Tgt Ion:142	Resp:	18970
Ion Ratio	Lower	Upper
142	100	
127	50.6	23.8 71.4
141	13.7	6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#12

Methyl Acetate

Concen: 18.542 ug/l

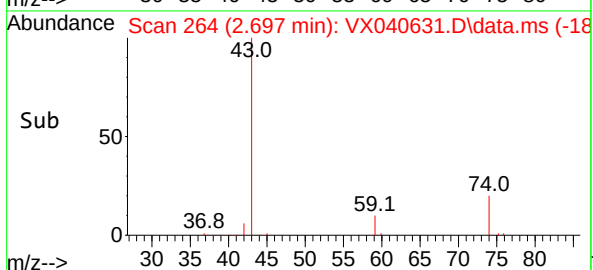
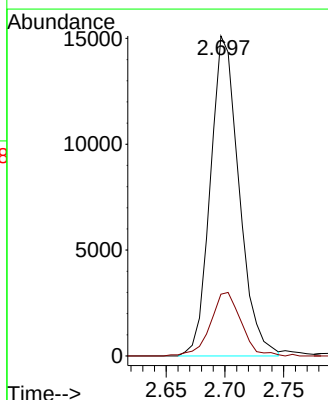
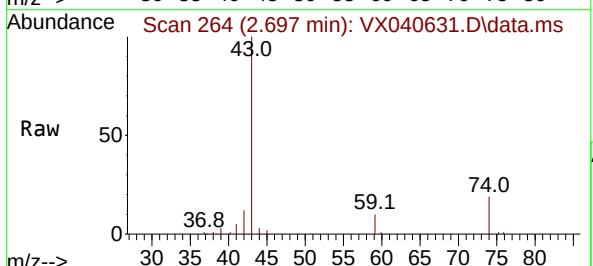
RT: 2.697 min Scan# 264

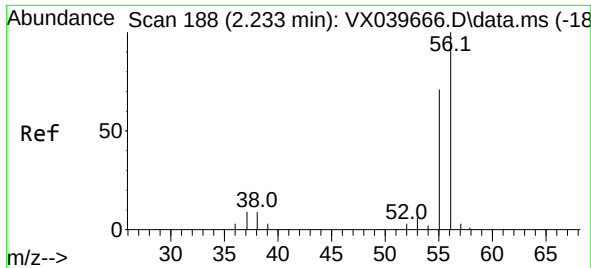
Delta R.T. -0.006 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

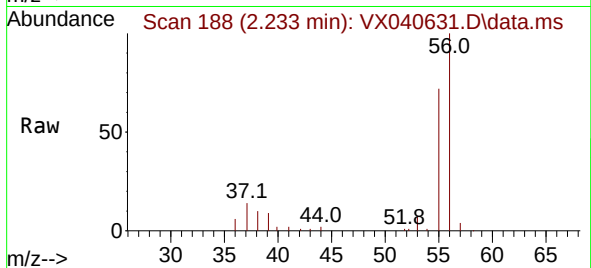
Tgt Ion: 43	Resp:	25720
Ion Ratio	Lower	Upper
43	100	
74	19.1	17.8 26.6





#13
Acrolein
Concen: 91.969 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

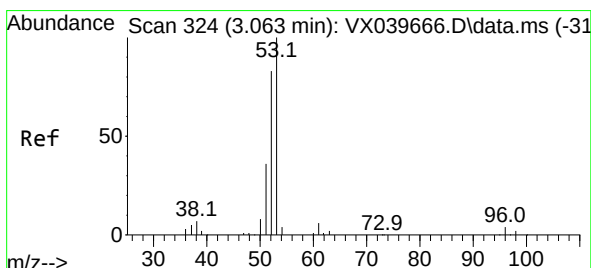
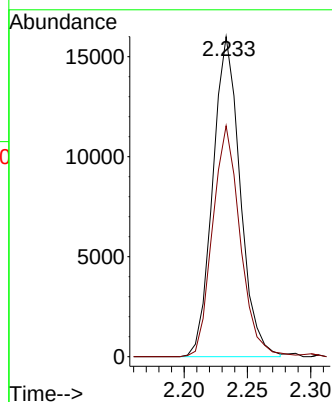
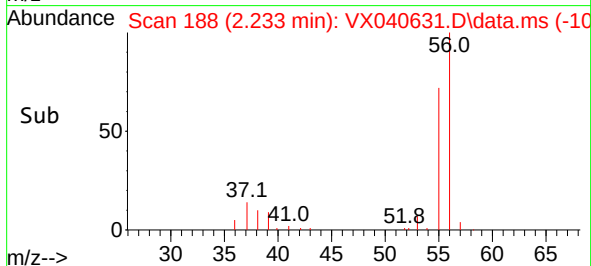
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



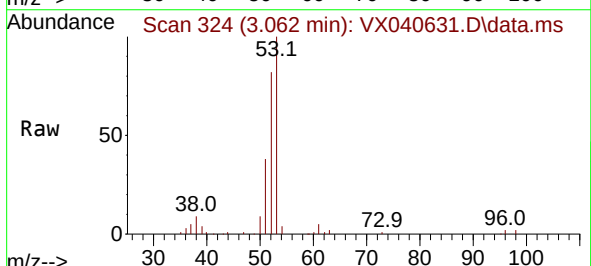
Tgt Ion: 56 Resp: 24050
Ion Ratio Lower Upper
56 100
55 72.7 57.2 85.8

Manual Integrations
APPROVED

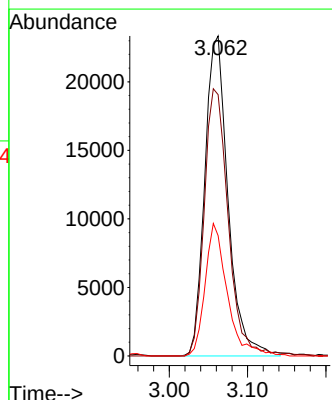
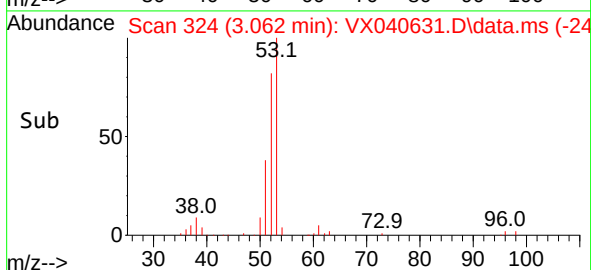
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

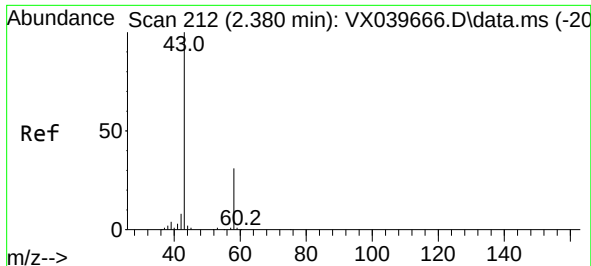


#14
Acrylonitrile
Concen: 88.063 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11



Tgt Ion: 53 Resp: 48100
Ion Ratio Lower Upper
53 100
52 85.4 41.9 125.6
51 37.1 18.3 54.9





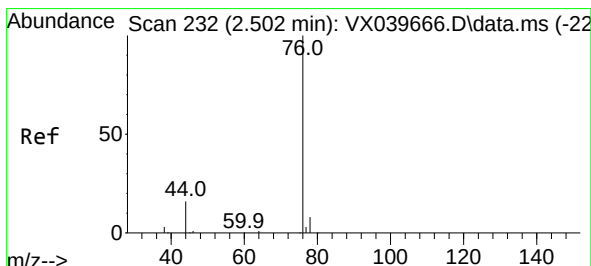
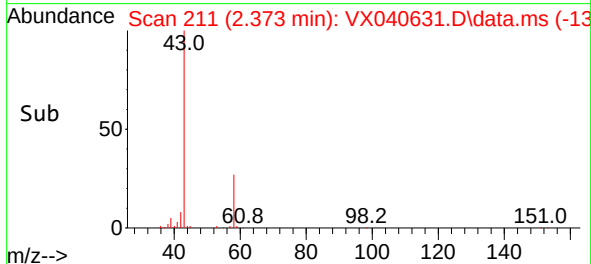
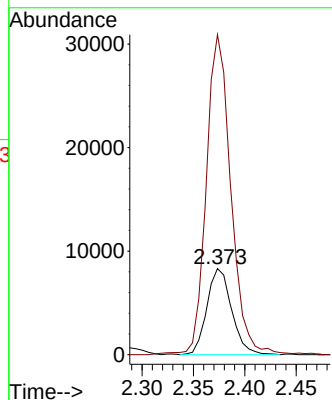
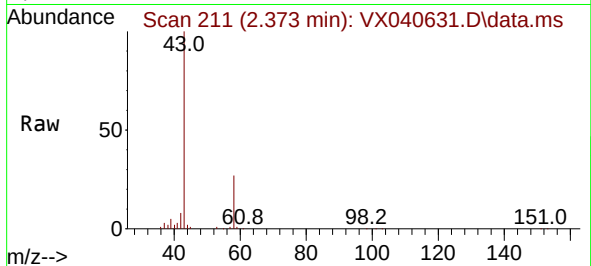
#15
Acetone
Concen: 89.036 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 58 Resp: 1390
Ion Ratio Lower Upper
58 100
43 369.1 249.9 374.9

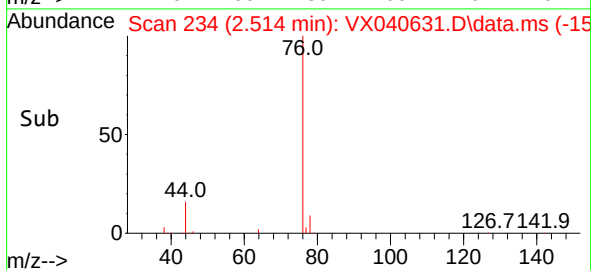
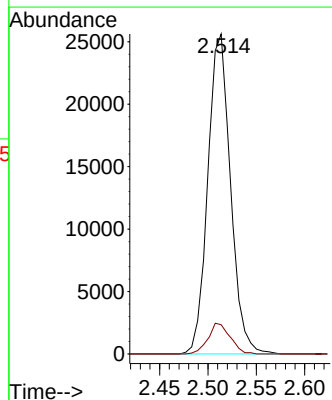
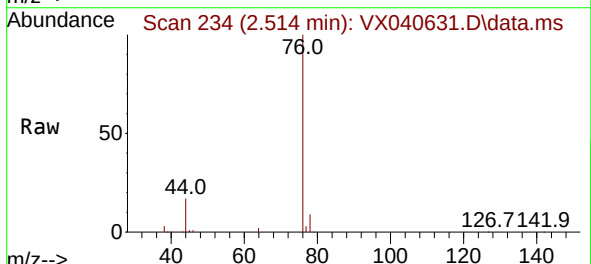
Manual Integrations
APPROVED

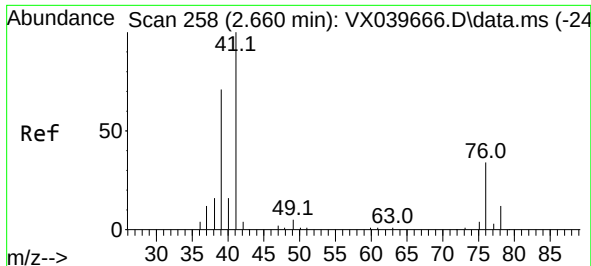
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#16
Carbon Disulfide
Concen: 18.082 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

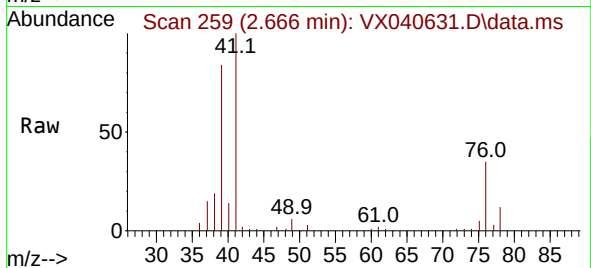
Tgt Ion: 76 Resp: 41848
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0





#17
 Allyl chloride
 Concen: 18.169 ug/l
 RT: 2.666 min Scan# 258
 Delta R.T. 0.006 min
 Lab File: VX040631.D
 Acq: 14 Mar 2024 10:11

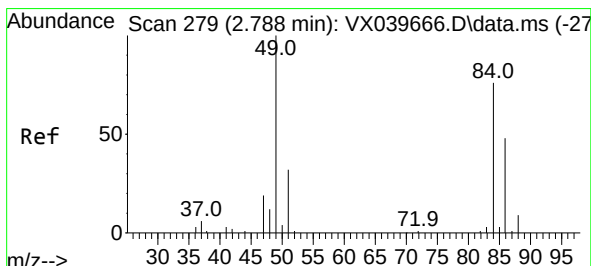
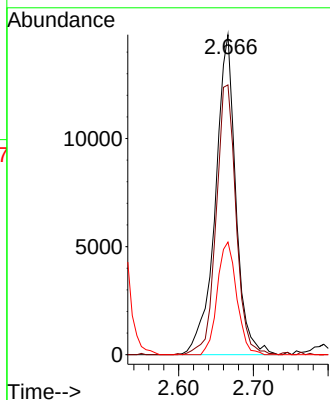
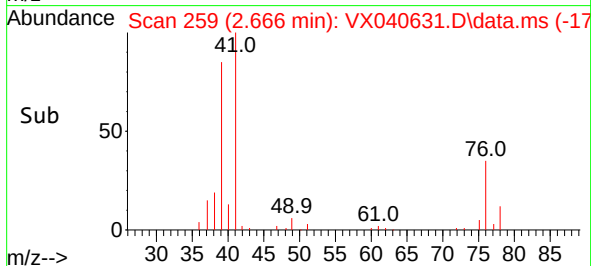
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS01



Tgt Ion: 41 Resp: 28234
 Ion Ratio Lower Upper
 41 100
 39 84.3 36.5 109.5
 76 35.2 19.7 59.0

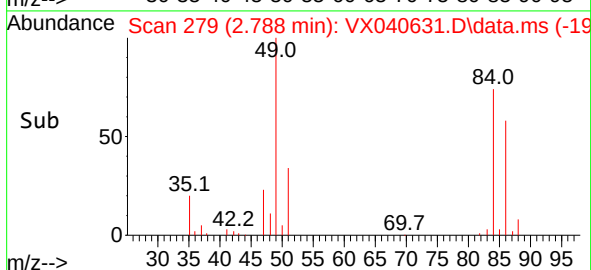
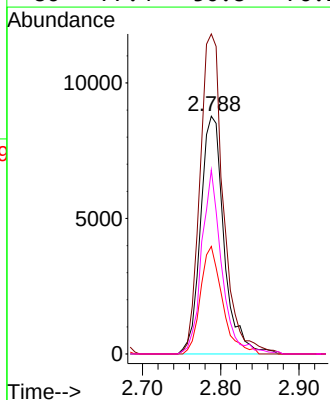
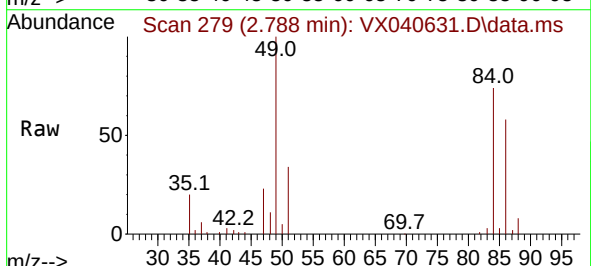
Manual Integrations
 APPROVED

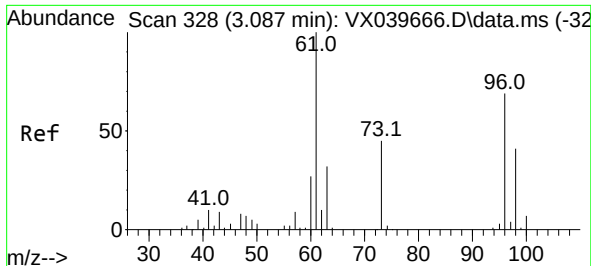
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#18
 Methylene Chloride
 Concen: 18.958 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX040631.D
 Acq: 14 Mar 2024 10:11

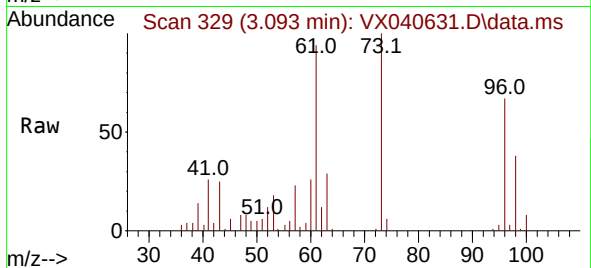
Tgt Ion: 84 Resp: 18227
 Ion Ratio Lower Upper
 84 100
 49 134.6 103.8 155.8
 51 45.2 31.8 47.6
 86 77.4 50.8 76.2#





#19
trans-1,2-Dichloroethene
Concen: 19.108 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

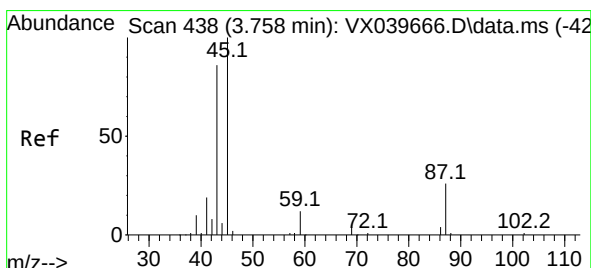
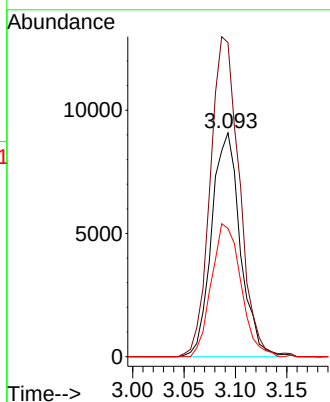
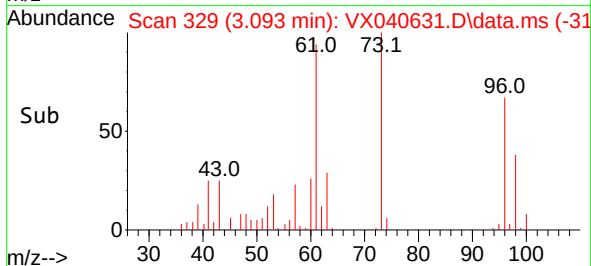
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 96 Resp: 1756
Ion Ratio Lower Upper
96 100
61 140.2 117.9 176.9
98 57.3 51.0 76.6

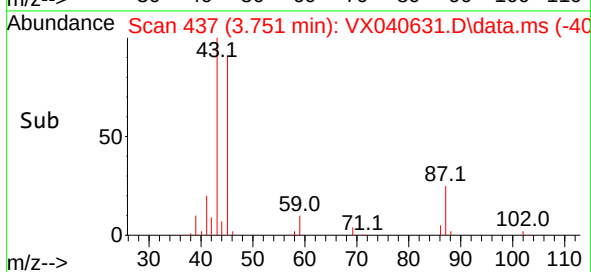
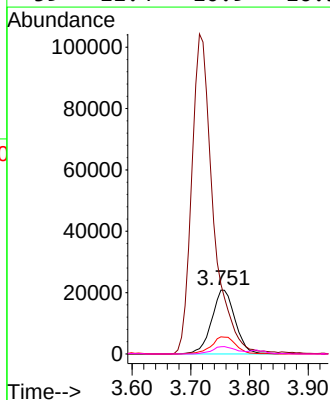
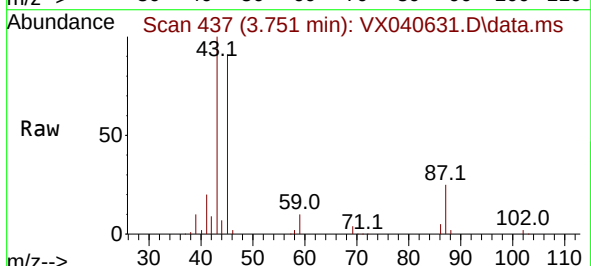
Manual Integrations
APPROVED

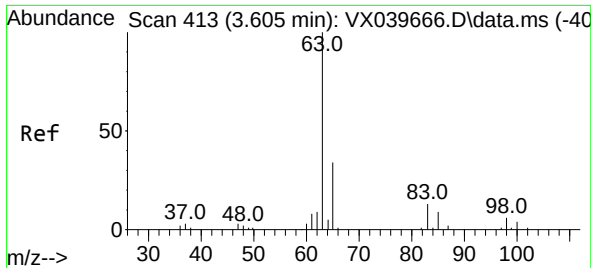
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#20
Diisopropyl ether
Concen: 18.585 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 45 Resp: 57758
Ion Ratio Lower Upper
45 100
43 107.0 67.7 101.5#
87 26.9 21.5 32.3
59 11.4 10.9 16.3





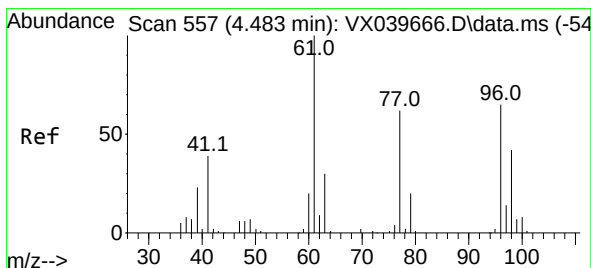
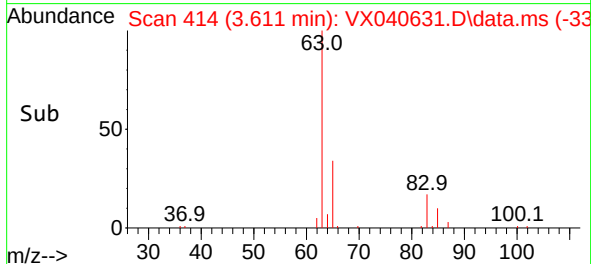
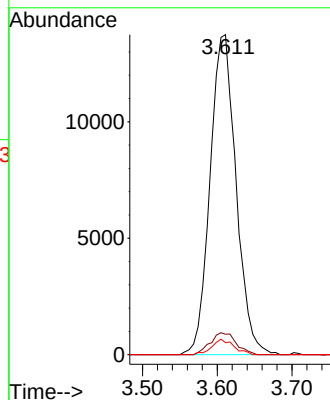
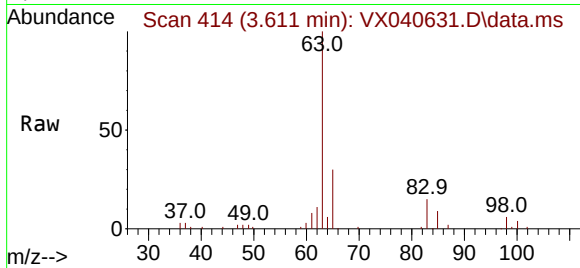
#21
1,1-Dichloroethane
Concen: 18.622 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 63 Resp: 3330
Ion Ratio Lower Upper
63 100
98 6.4 2.9 8.8
100 3.7 2.0 5.8

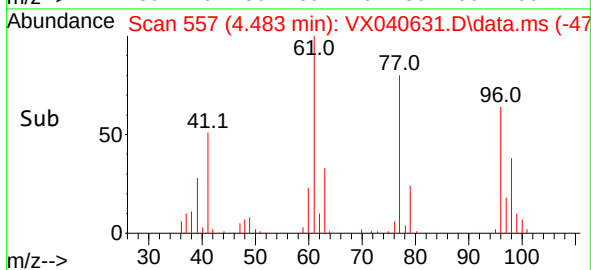
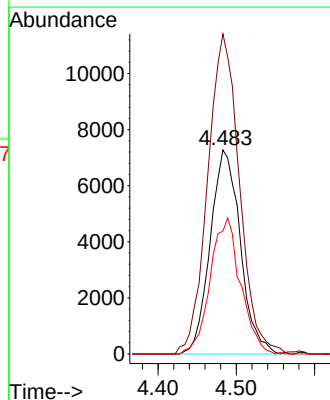
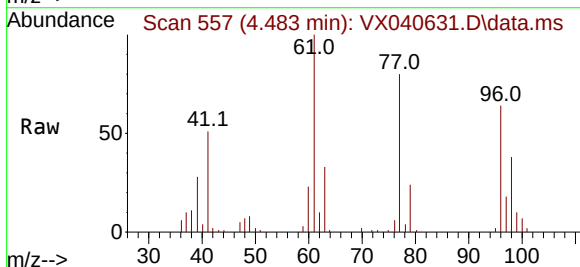
Manual Integrations
APPROVED

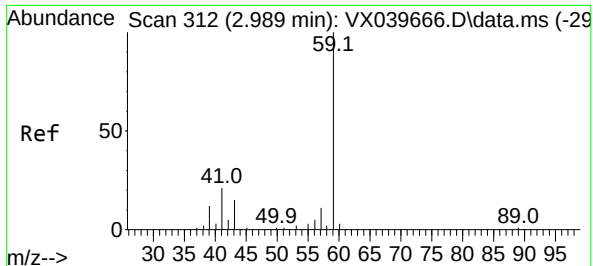
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#22
cis-1,2-Dichloroethene
Concen: 18.186 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

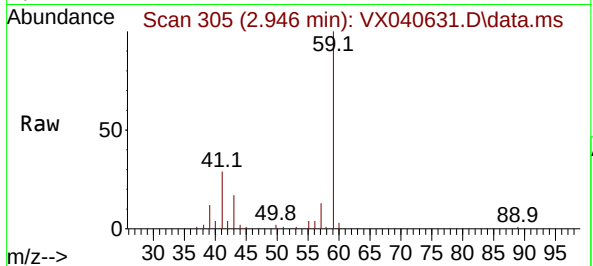
Tgt Ion: 96 Resp: 19416
Ion Ratio Lower Upper
96 100
61 165.3 119.8 179.6
98 66.9 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 81.169 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

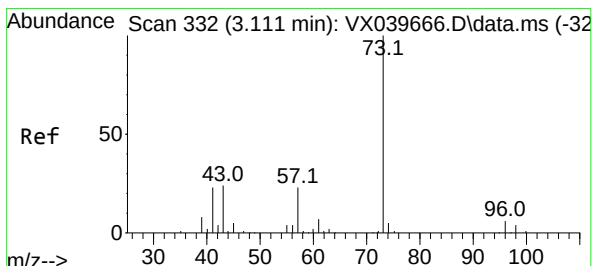
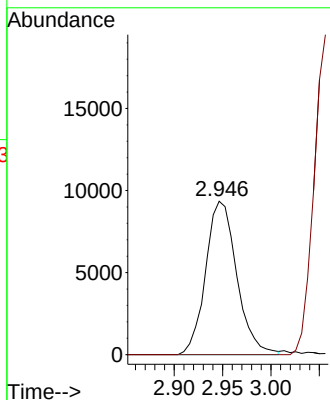
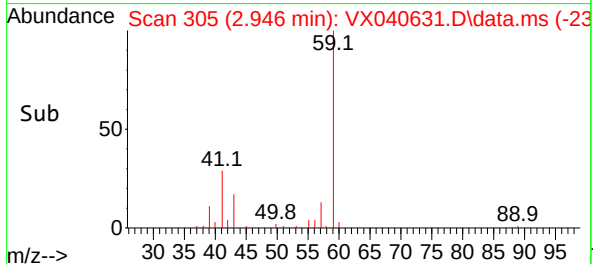
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 59 Resp: 2094
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

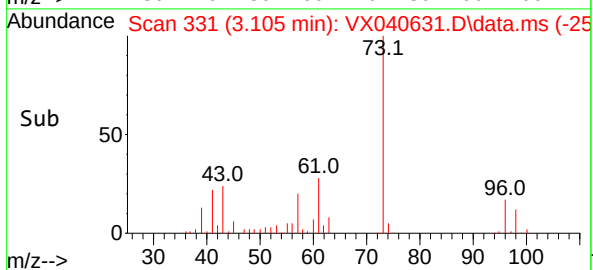
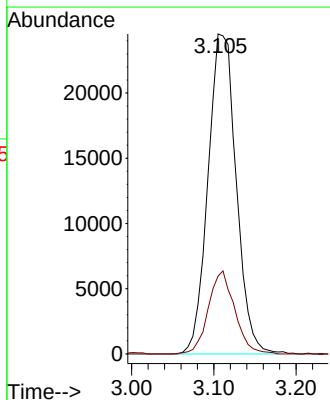
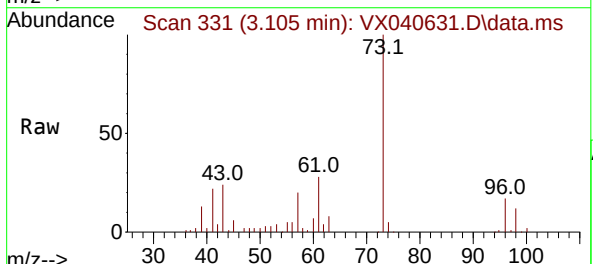
Manual Integrations
APPROVED

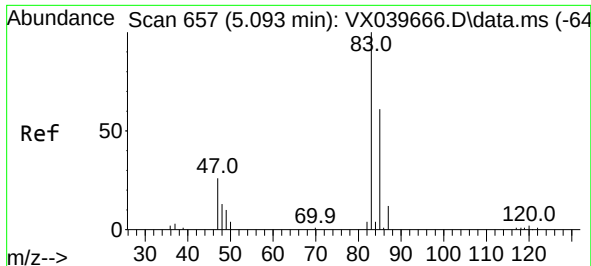
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#24
Methyl tert-Butyl Ether
Concen: 18.834 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 73 Resp: 58532
Ion Ratio Lower Upper
73 100
43 24.2 17.0 25.6





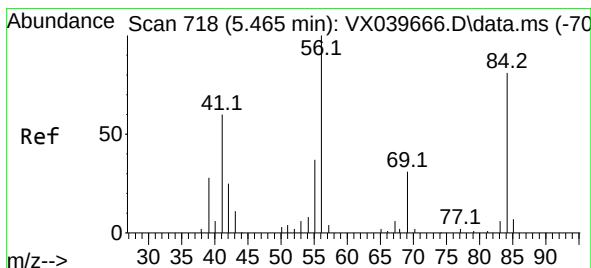
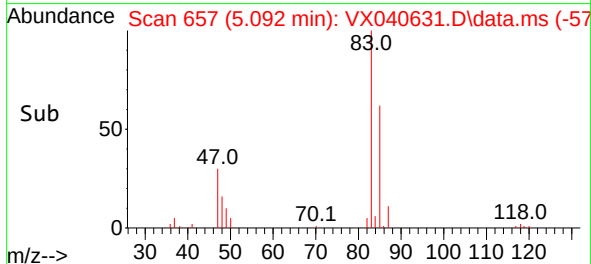
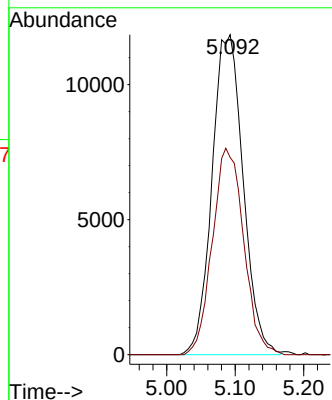
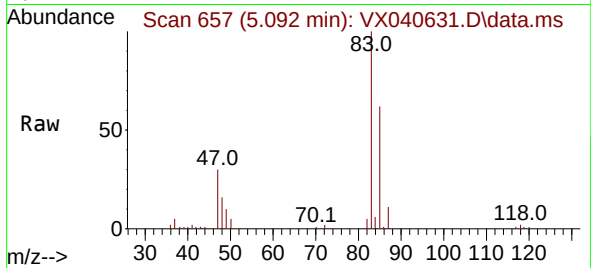
#25
Chloroform
Concen: 19.111 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 83 Resp: 37408
Ion Ratio Lower Upper
83 100
85 61.6 54.6 81.8

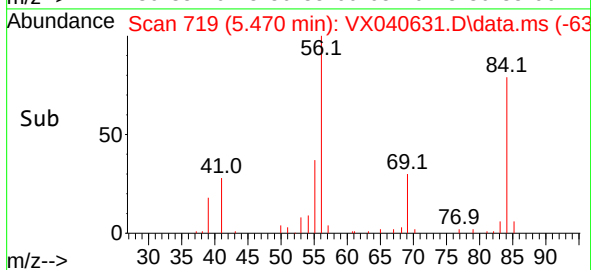
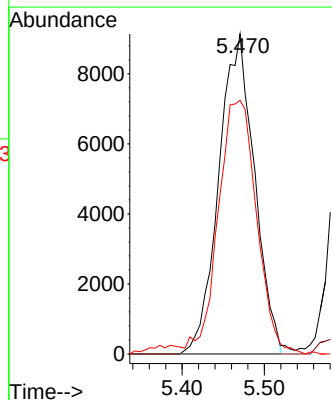
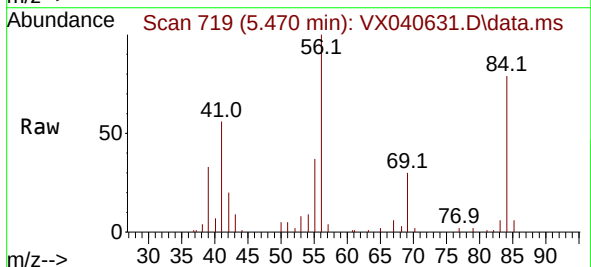
Manual Integrations
APPROVED

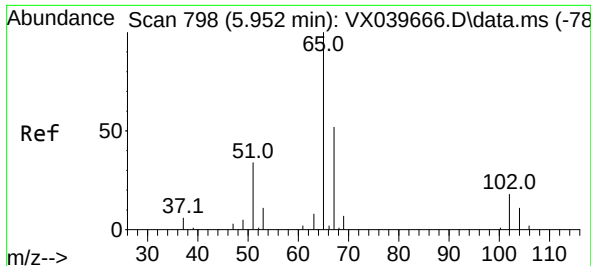
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#26
Cyclohexane
Concen: 19.048 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

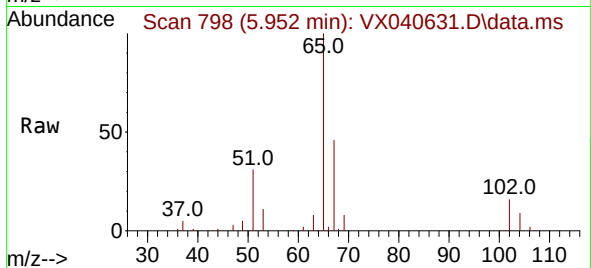
Tgt Ion: 56 Resp: 27492
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 0.7 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 29.753 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

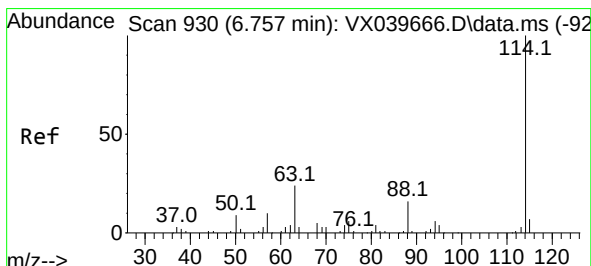
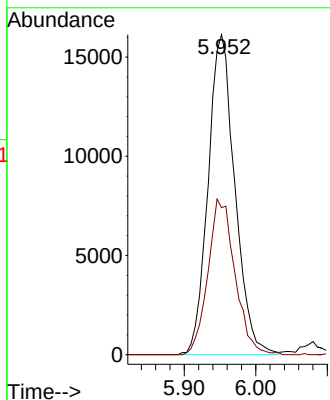
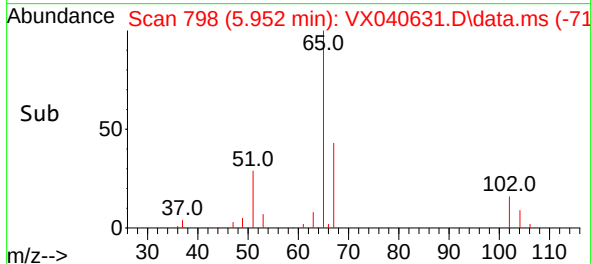
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 65 Resp: 41962
Ion Ratio Lower Upper
65 100
67 48.9 42.5 63.7

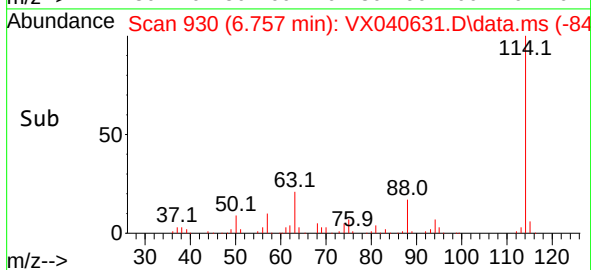
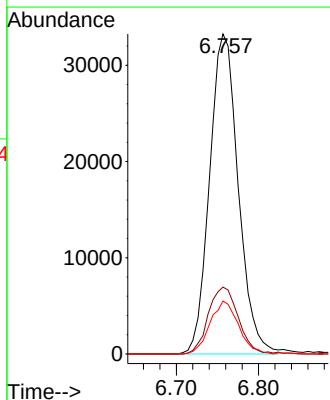
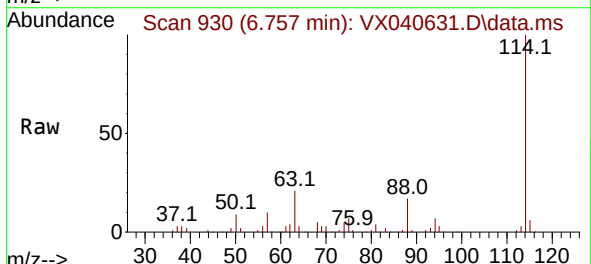
Manual Integrations
APPROVED

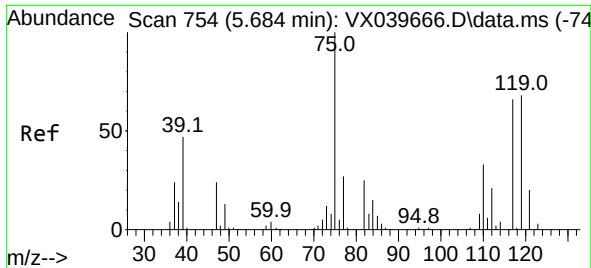
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion:114 Resp: 80662
Ion Ratio Lower Upper
114 100
63 21.8 17.0 25.4
88 16.4 12.7 19.1





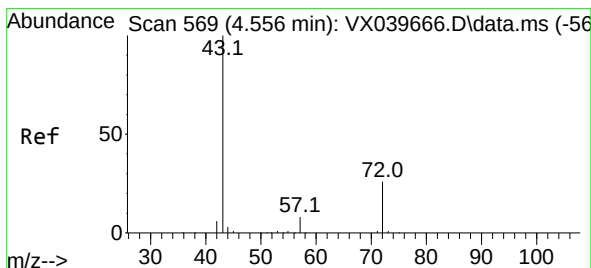
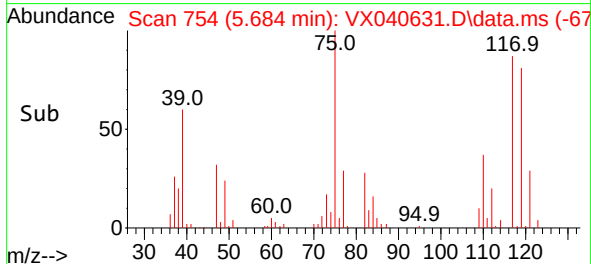
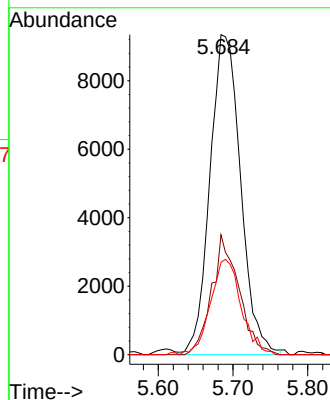
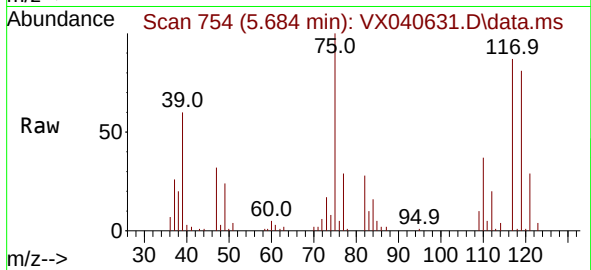
#29
1,1-Dichloropropene
Concen: 19.092 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 75	Resp: 26650
Ion Ratio	Lower Upper
75 100	
110 33.3	0.0 71.2
77 29.5	0.0 62.6

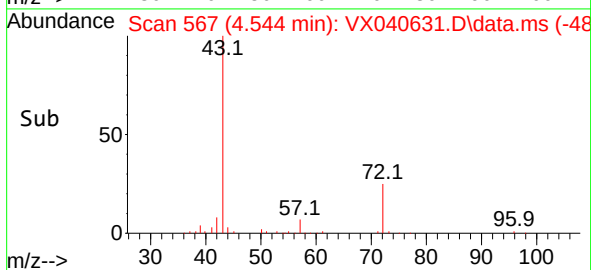
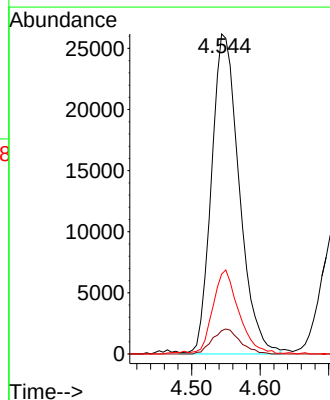
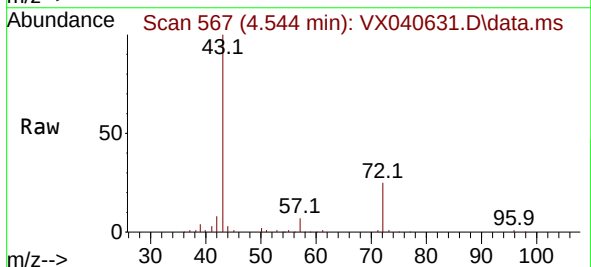
Manual Integrations
APPROVED

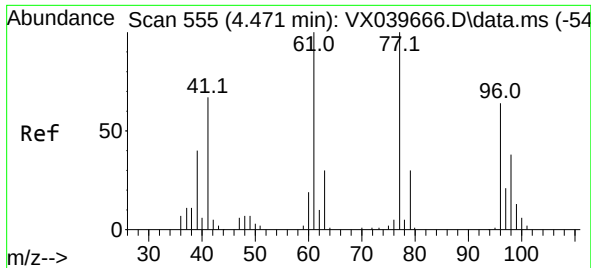
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#30
2-Butanone
Concen: 86.294 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

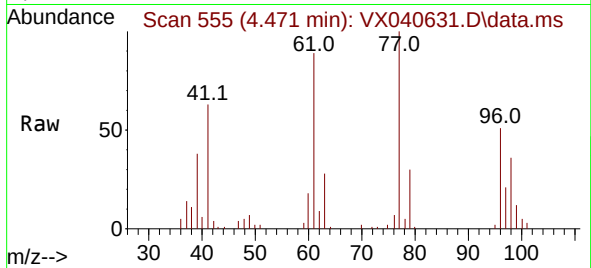
Tgt Ion: 43	Resp: 73522
Ion Ratio	Lower Upper
43 100	
57 7.8	6.6 10.0
72 24.4	20.6 31.0





#31
2,2-Dichloropropane
Concen: 20.301 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

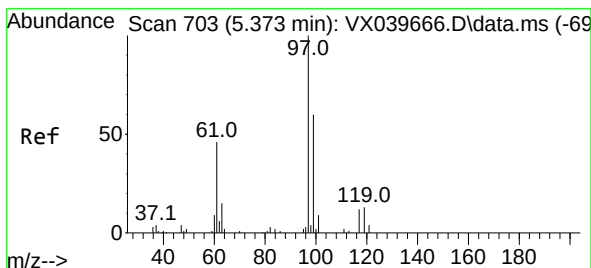
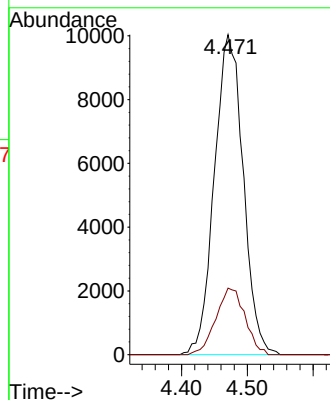
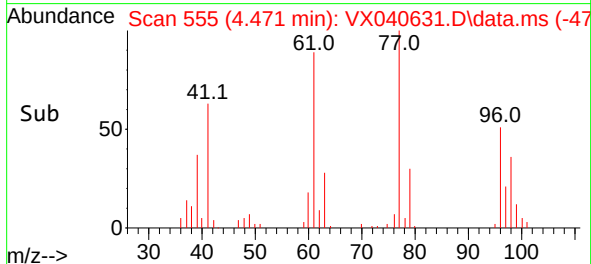
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 77 Resp: 30592
Ion Ratio Lower Upper
77 100
97 21.1 18.2 27.4

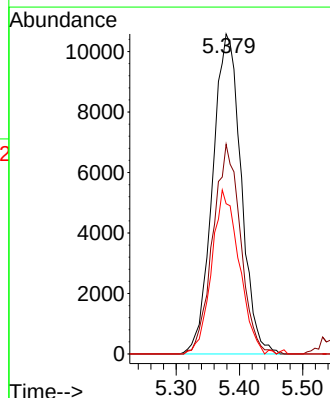
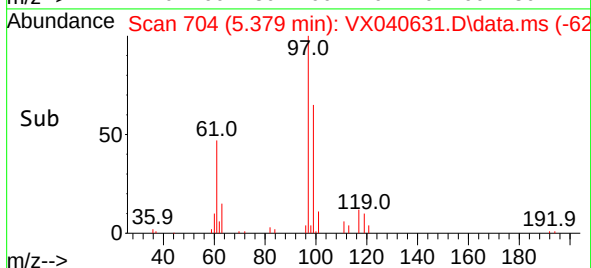
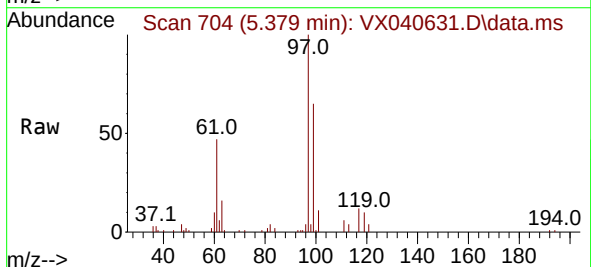
Manual Integrations
APPROVED

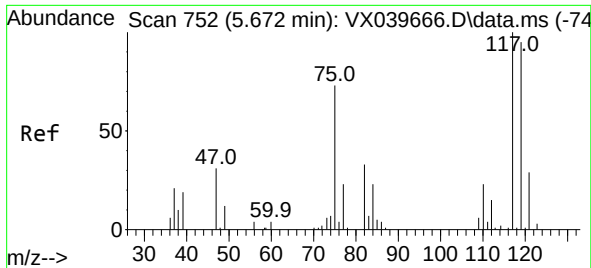
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#32
1,1,1-Trichloroethane
Concen: 18.836 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

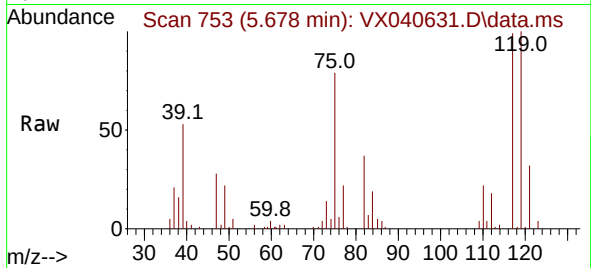
Tgt Ion: 97 Resp: 33138
Ion Ratio Lower Upper
97 100
99 63.2 52.6 79.0
61 49.1 36.9 55.3





#33
Carbon Tetrachloride
Concen: 18.987 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

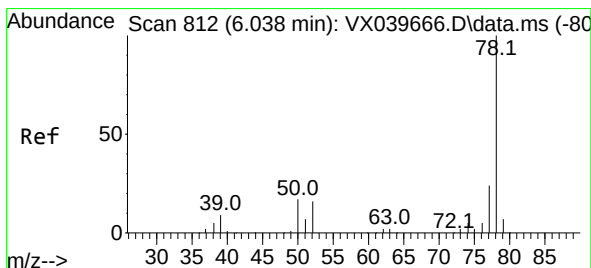
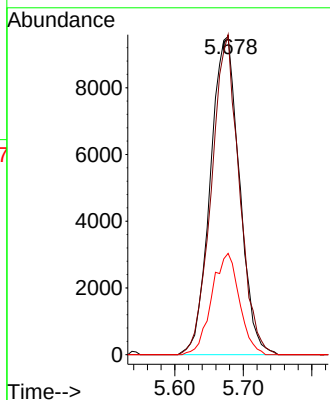
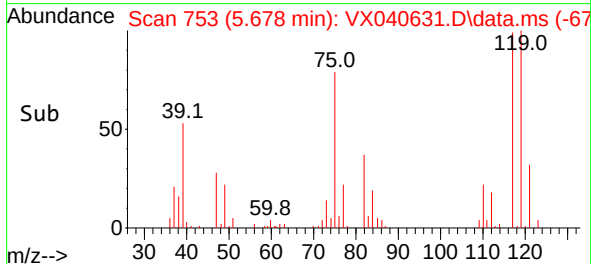
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:117 Resp: 28104
Ion Ratio Lower Upper
117 100
119 100.5 78.2 117.4
121 31.8 24.7 37.1

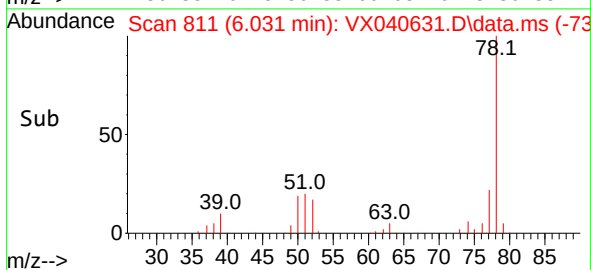
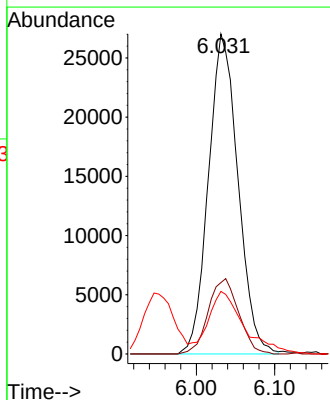
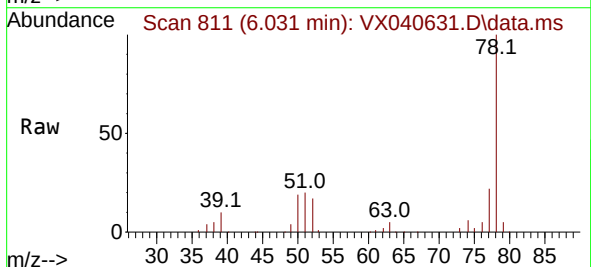
Manual Integrations
APPROVED

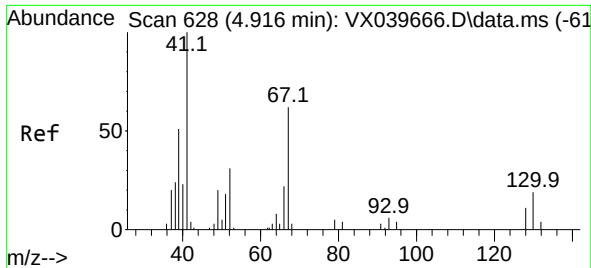
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#34
Benzene
Concen: 18.795 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

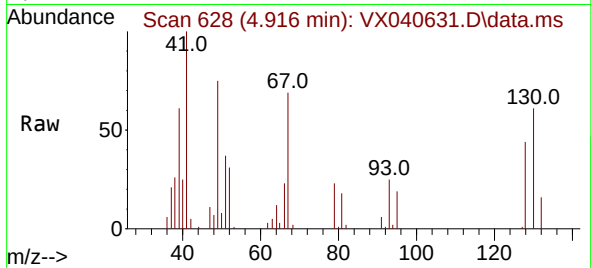
Tgt Ion: 78 Resp: 70841
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9
51 17.6 14.4 21.6





#35
Methacrylonitrile
Concen: 17.446 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

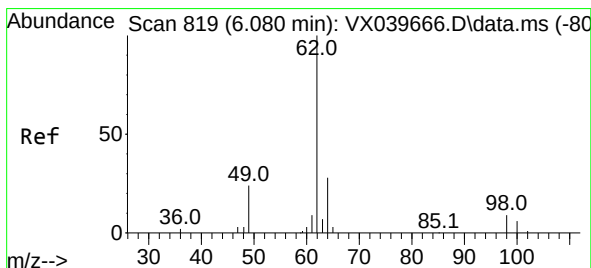
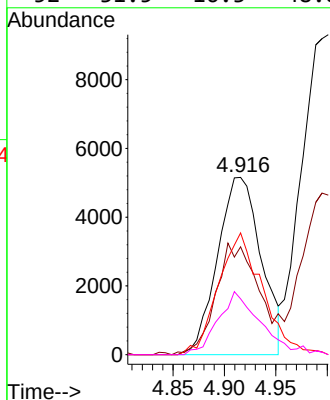
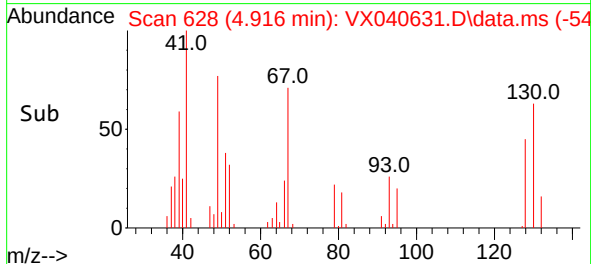
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 41 Resp: 1525
Ion Ratio Lower Upper
41 100
39 59.3 28.2 84.7
67 68.7 34.5 103.5
52 31.5 16.3 48.8

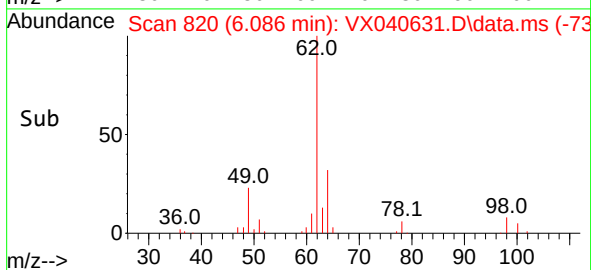
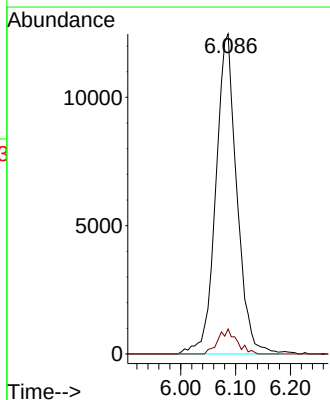
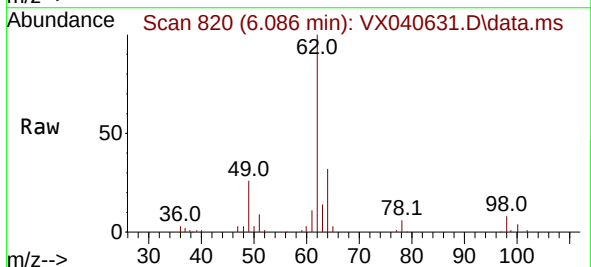
Manual Integrations
APPROVED

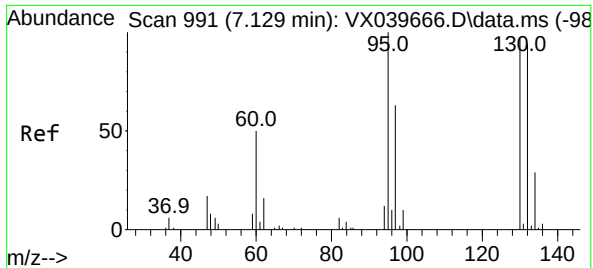
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#36
1,2-Dichloroethane
Concen: 19.079 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

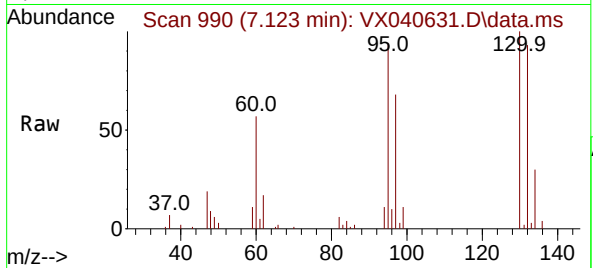
Tgt Ion: 62 Resp: 33248
Ion Ratio Lower Upper
62 100
98 6.7 7.0 10.4#





#37
Trichloroethene
Concen: 19.317 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

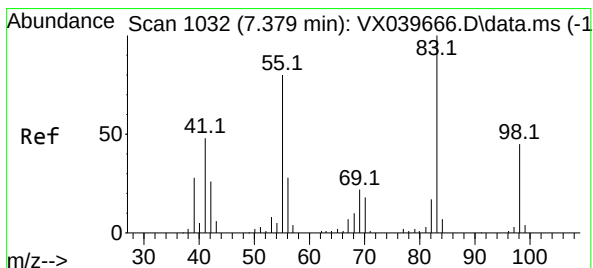
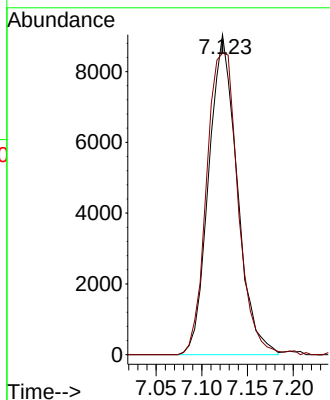
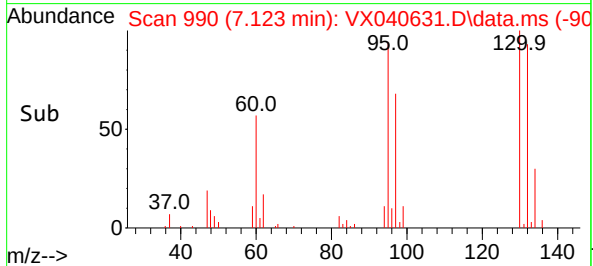
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:130 Resp: 1956
Ion Ratio Lower Upper
130 100
95 94.3 85.8 128.8

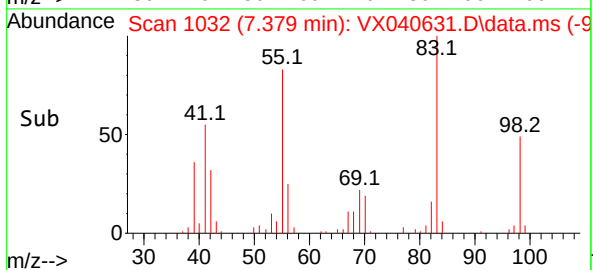
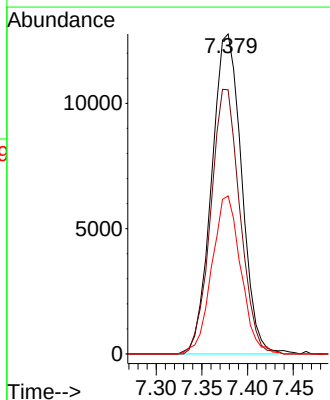
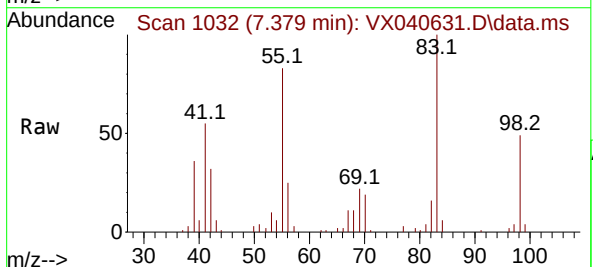
Manual Integrations
APPROVED

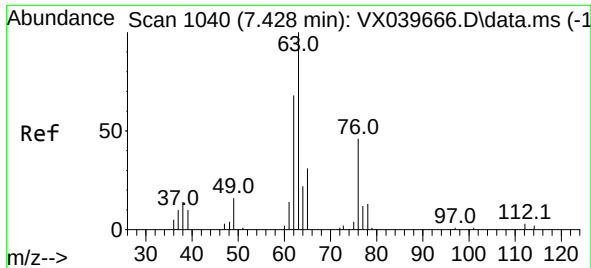
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#38
Methylcyclohexane
Concen: 19.330 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

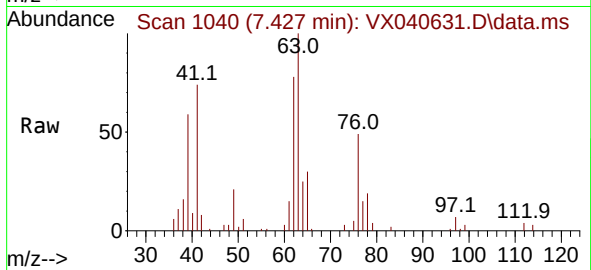
Tgt Ion: 83 Resp: 29062
Ion Ratio Lower Upper
83 100
55 80.6 38.6 116.0
98 47.9 22.3 66.8





#39
1,2-Dichloropropane
Concen: 19.391 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

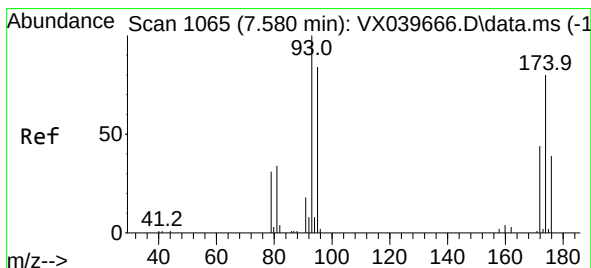
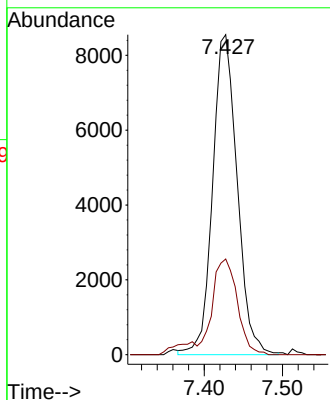
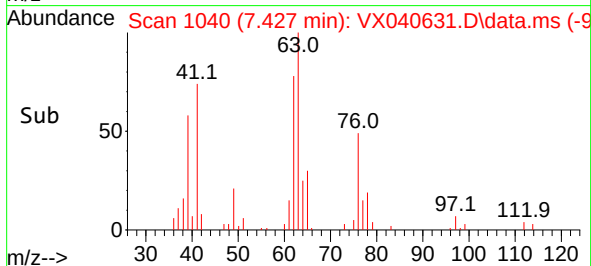
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 63 Resp: 18609
Ion Ratio Lower Upper
63 100
65 30.1 24.6 37.0

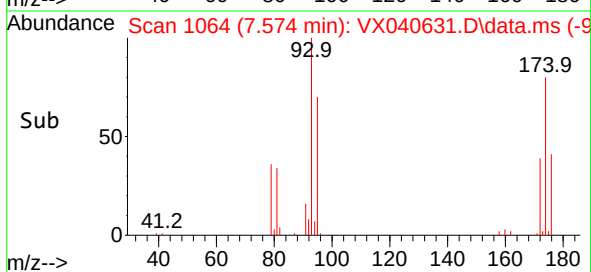
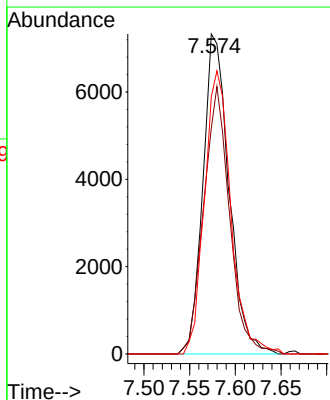
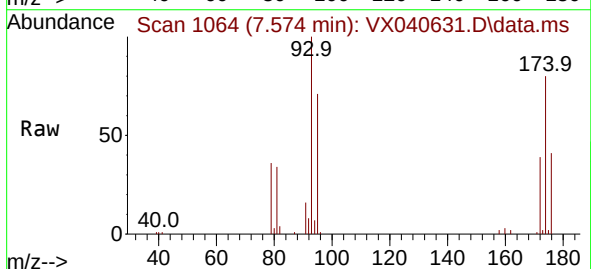
Manual Integrations
APPROVED

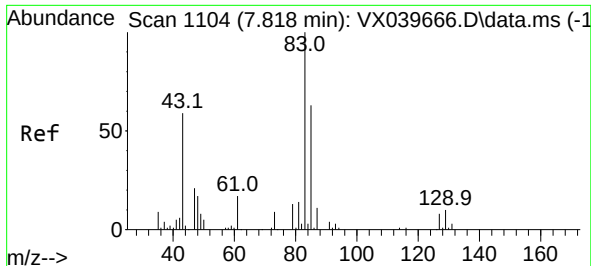
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#40
Dibromomethane
Concen: 19.269 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 93 Resp: 14527
Ion Ratio Lower Upper
93 100
95 82.8 0.0 163.4
174 89.5 0.0 166.4





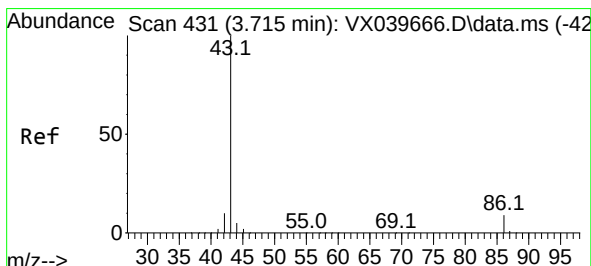
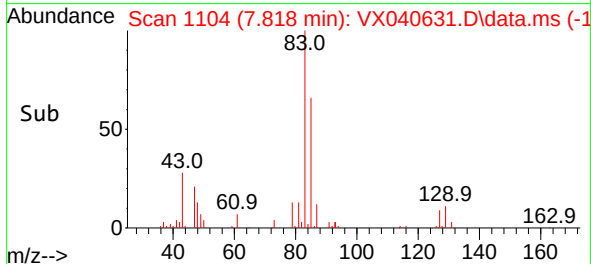
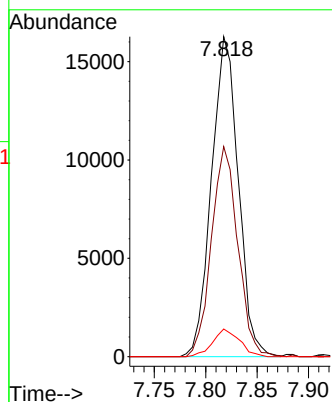
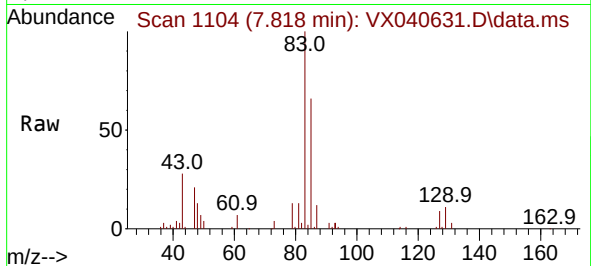
#41
Bromodichloromethane
Concen: 19.654 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 83 Resp: 2947
Ion Ratio Lower Upper
83 100
85 65.6 50.8 76.2
127 8.7 5.9 8.9

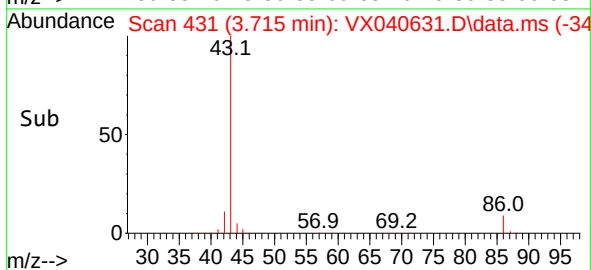
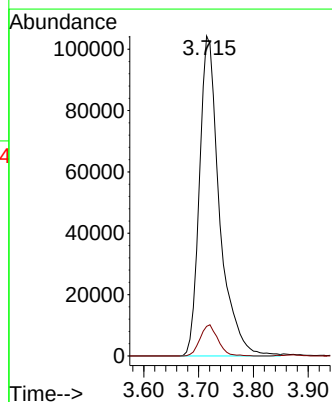
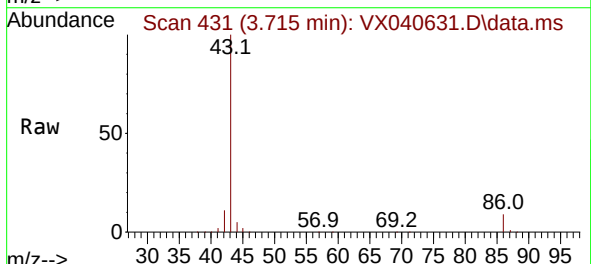
Manual Integrations
APPROVED

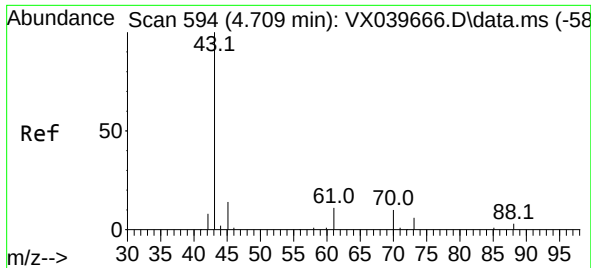
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#42
Vinyl Acetate
Concen: 90.540 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 43 Resp: 265592
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





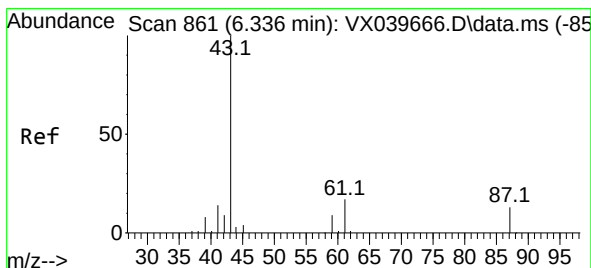
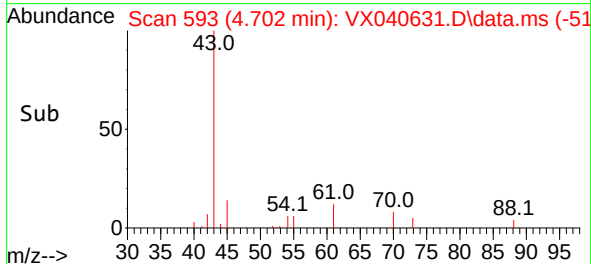
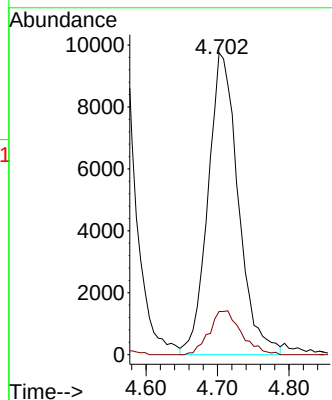
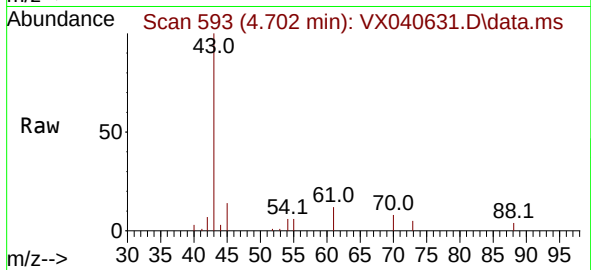
#43
Ethyl Acetate
Concen: 17.876 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 43 Resp: 28684
Ion Ratio Lower Upper
43 100
45 15.3 11.8 17.8

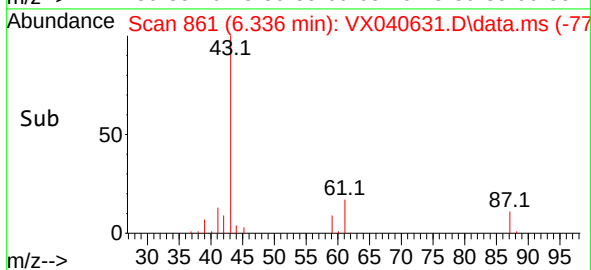
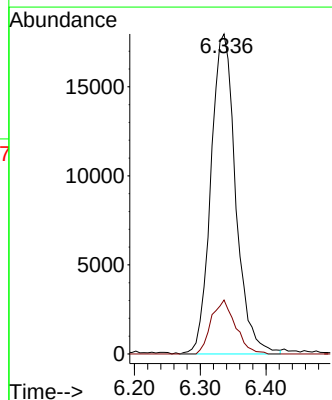
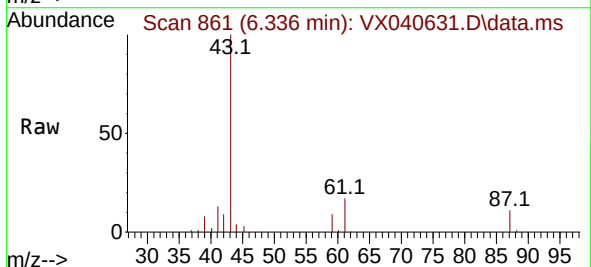
Manual Integrations
APPROVED

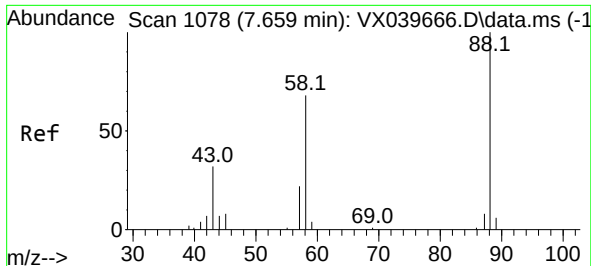
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#44
Isopropyl Acetate
Concen: 18.416 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

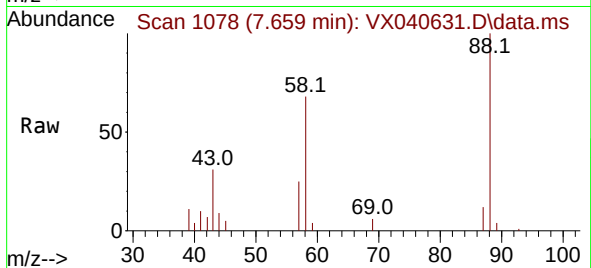
Tgt Ion: 43 Resp: 47170
Ion Ratio Lower Upper
43 100
61 16.5 15.6 23.4





#45
1,4-Dioxane
Concen: 305.794 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

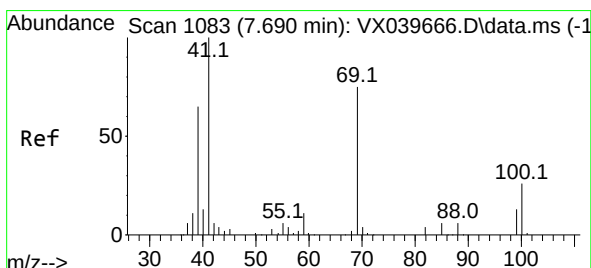
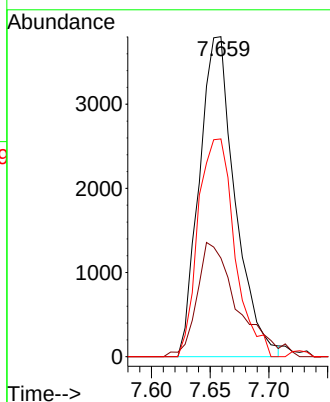
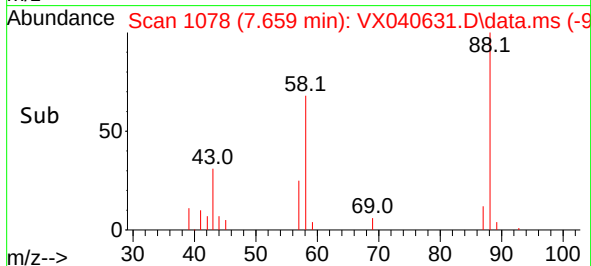
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 88 Resp: 805
Ion Ratio Lower Upper
88 100
43 40.5 28.1 42.1
58 69.5 57.7 86.5

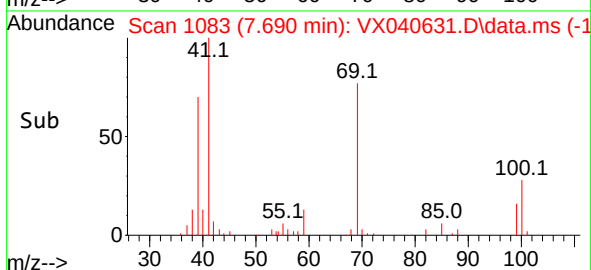
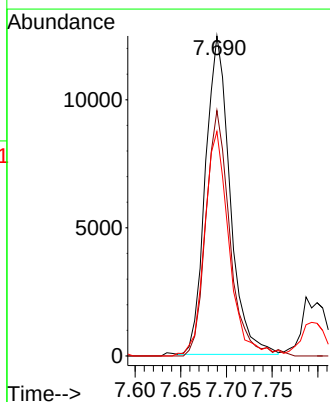
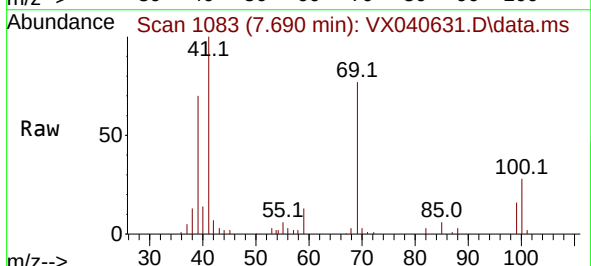
Manual Integrations
APPROVED

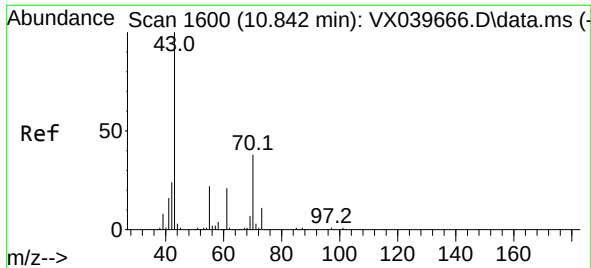
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#46
Methyl methacrylate
Concen: 18.250 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

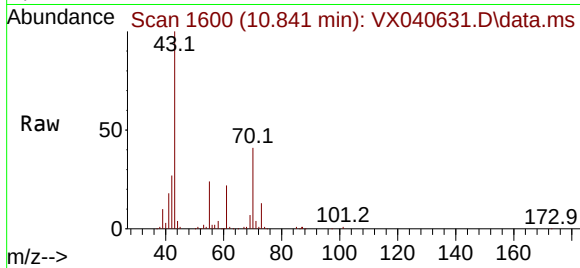
Tgt Ion: 41 Resp: 23217
Ion Ratio Lower Upper
41 100
69 77.1 39.6 118.8
39 69.6 30.1 90.3





#47
n-amyl acetate
Concen: 18.480 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

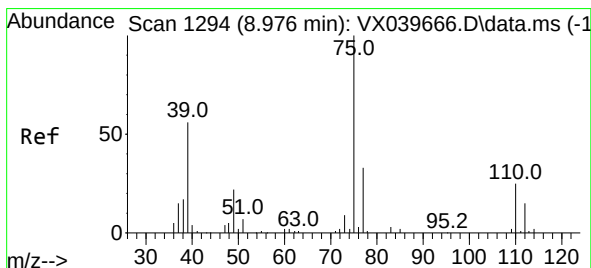
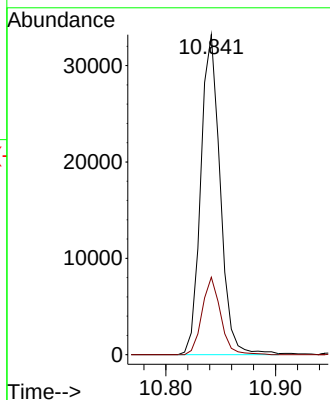
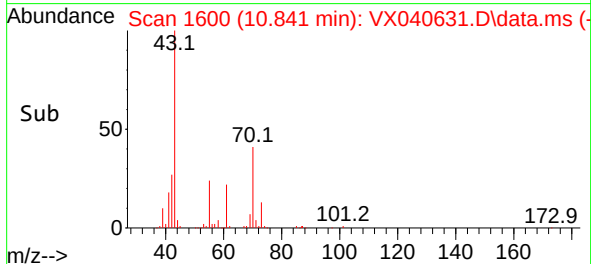
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 43 Resp: 40793
Ion Ratio Lower Upper
43 100
55 23.1 18.2 27.2

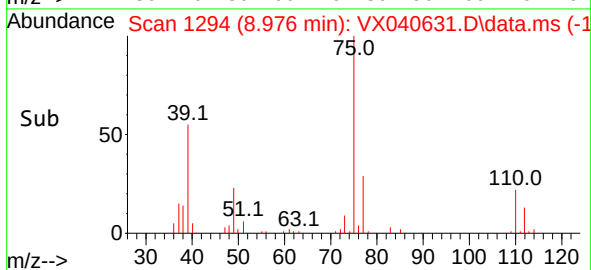
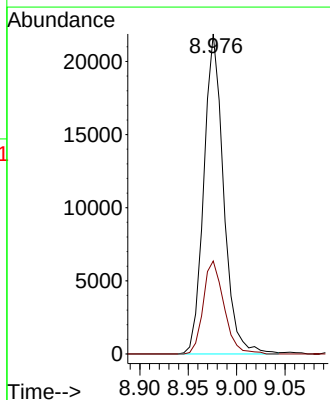
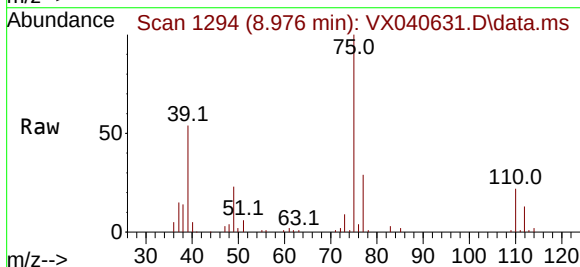
Manual Integrations
APPROVED

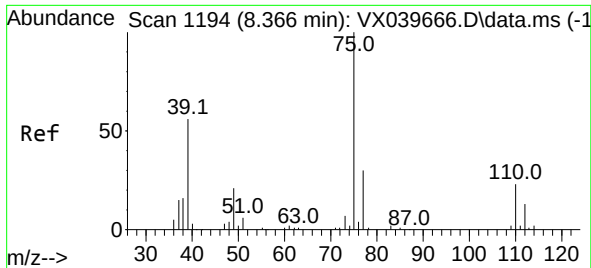
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#48
t-1,3-Dichloropropene
Concen: 19.714 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 75 Resp: 31252
Ion Ratio Lower Upper
75 100
77 29.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.805 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

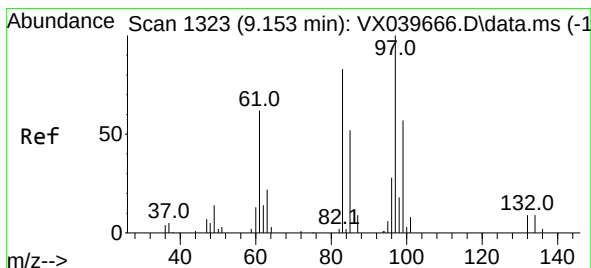
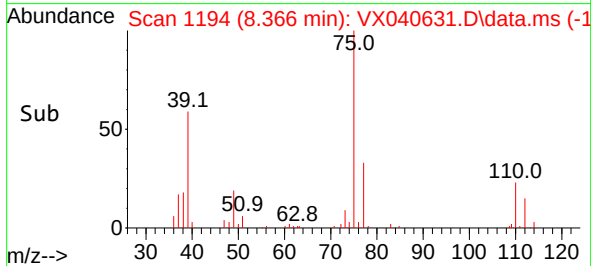
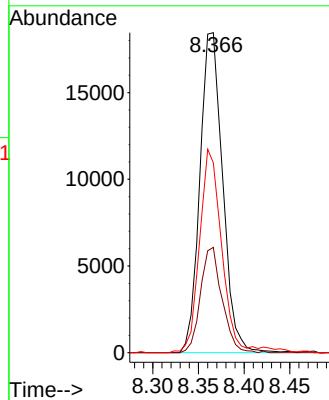
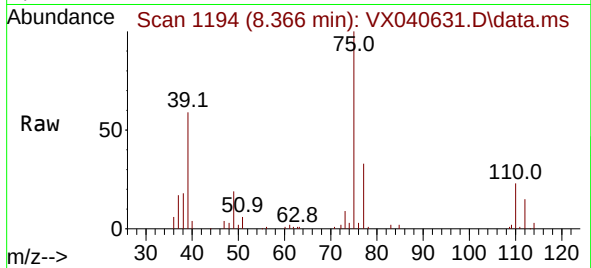
Tgt Ion:	75	Resp:	3198
Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.4	36.6
39	58.8	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#50

1,1,2-Trichloroethane

Concen: 18.956 ug/l

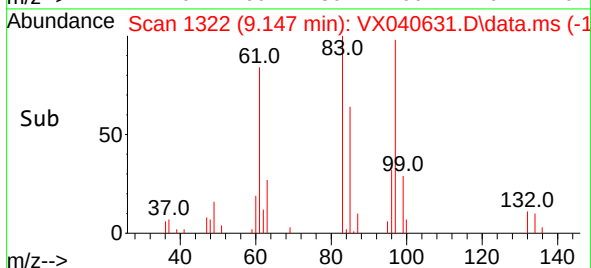
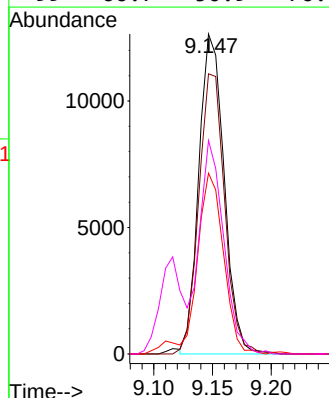
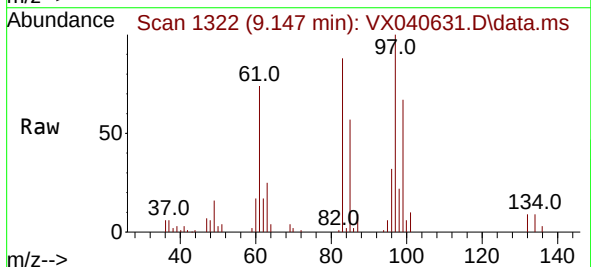
RT: 9.147 min Scan# 1322

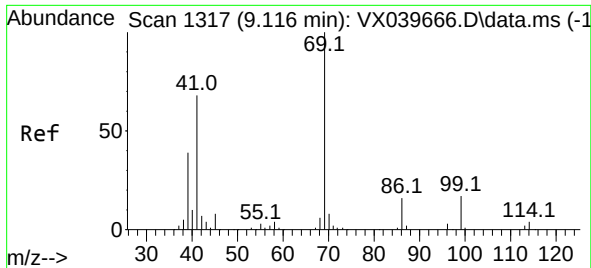
Delta R.T. -0.006 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

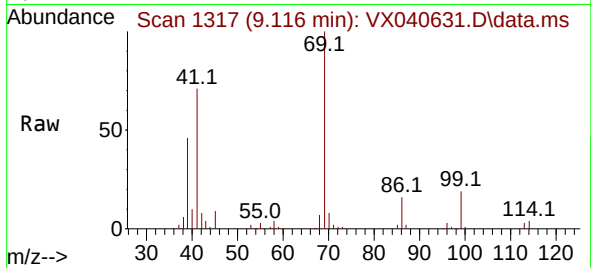
Tgt Ion:	97	Resp:	18983
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.9	46.3	69.5
99	66.7	50.9	76.3





#51
Ethyl methacrylate
Concen: 18.354 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

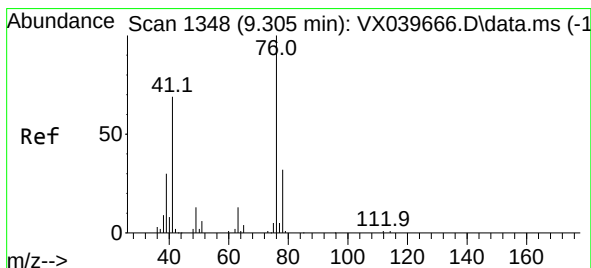
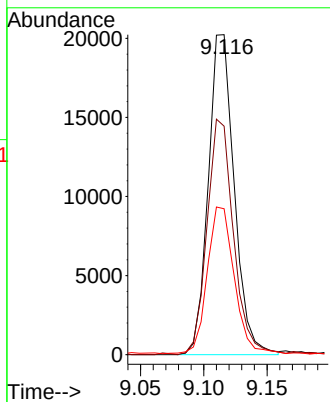
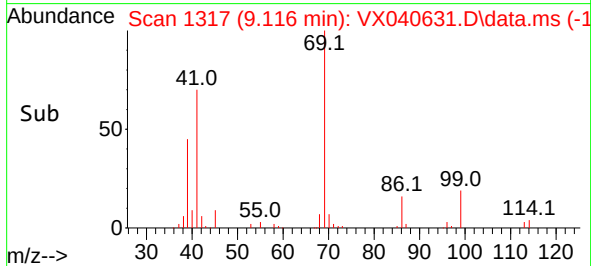
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 69 Resp: 2893
Ion Ratio Lower Upper
69 100
41 71.4 36.2 108.6
39 45.1 21.1 63.4

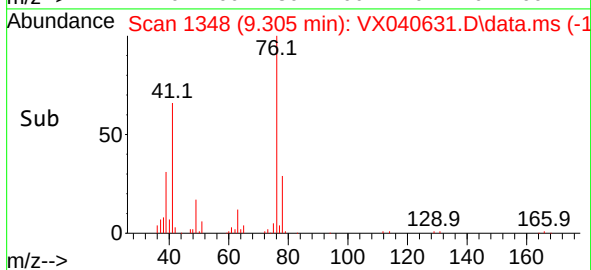
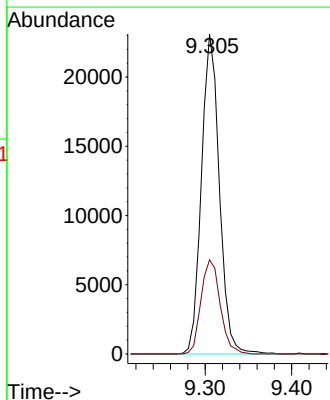
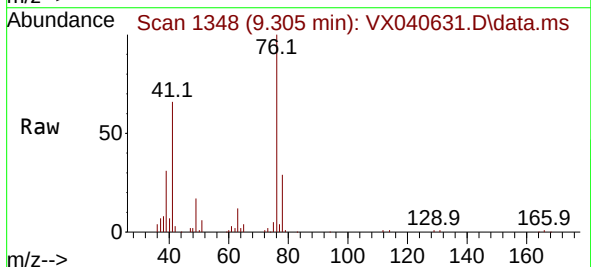
Manual Integrations
APPROVED

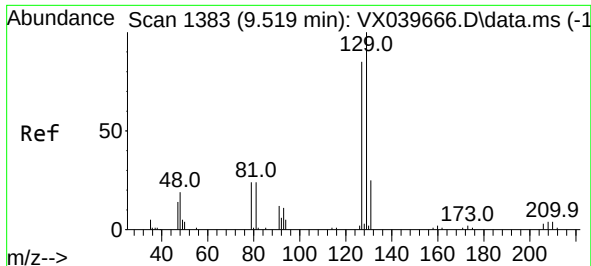
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#52
1,3-Dichloropropane
Concen: 19.442 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

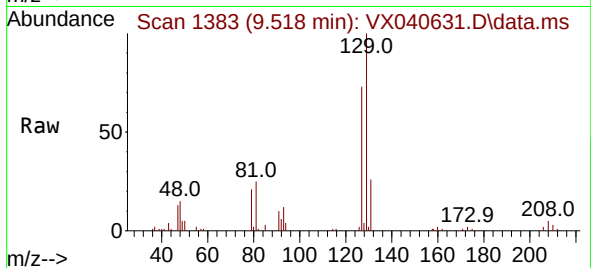
Tgt Ion: 76 Resp: 33222
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.0





#53
Dibromochloromethane
Concen: 19.425 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

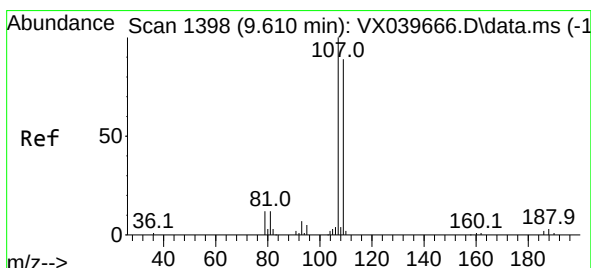
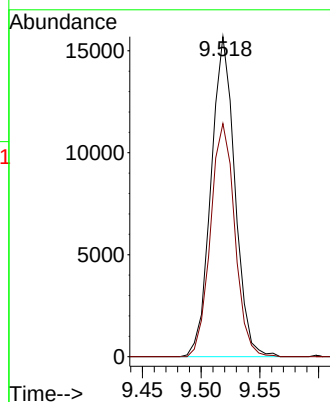
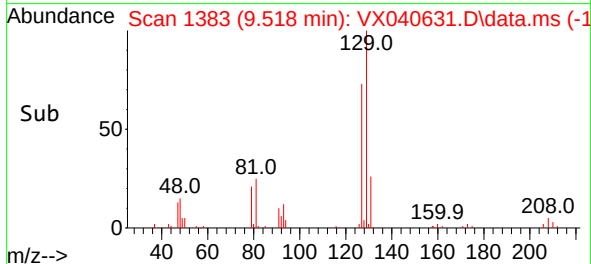
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:129 Resp: 2217
Ion Ratio Lower Upper
129 100
127 73.9 38.3 114.9

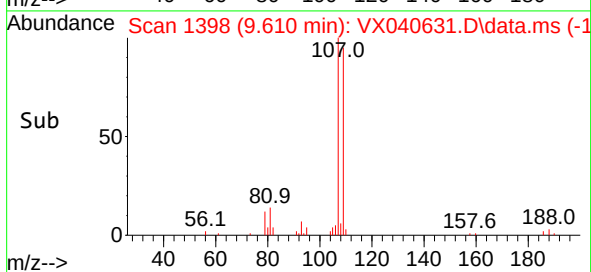
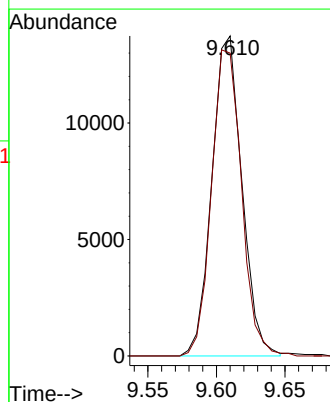
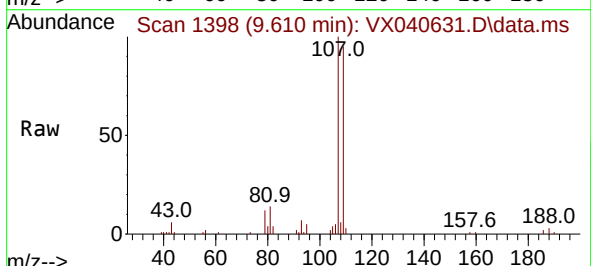
Manual Integrations
APPROVED

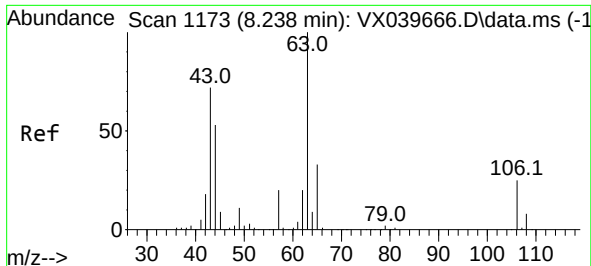
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#54
1,2-Dibromoethane
Concen: 18.832 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion:107 Resp: 20867
Ion Ratio Lower Upper
107 100
109 95.8 75.1 112.7





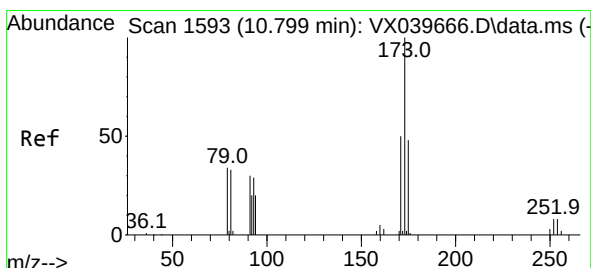
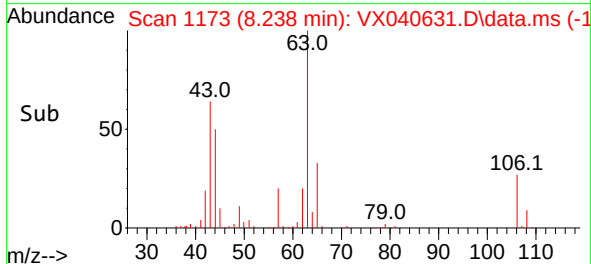
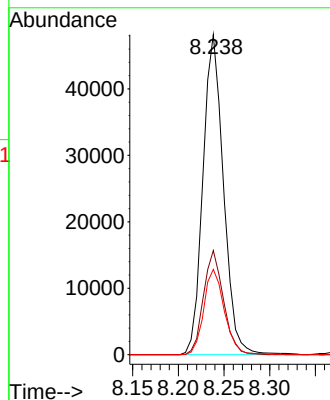
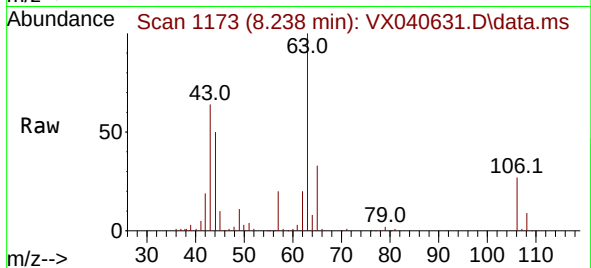
#55
2-Chloroethyl vinyl ether
Concen: 93.671 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 63 Resp: 75200
Ion Ratio Lower Upper
63 100
65 31.6 25.8 38.6
106 26.5 20.6 31.0

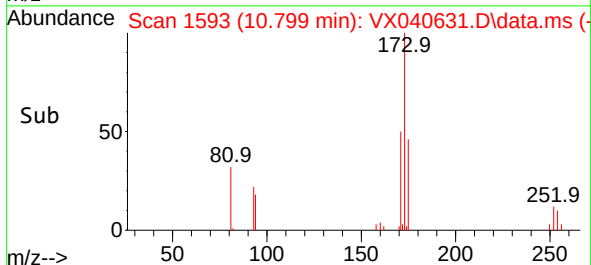
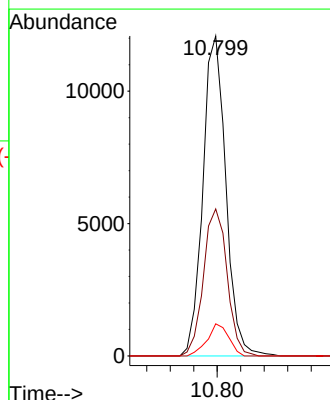
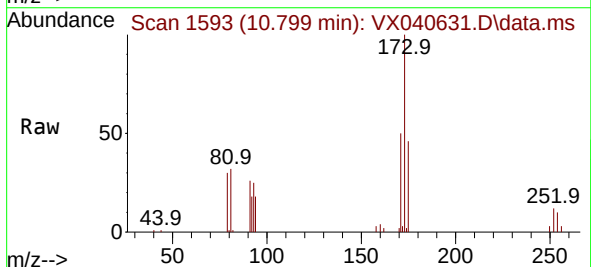
Manual Integrations
APPROVED

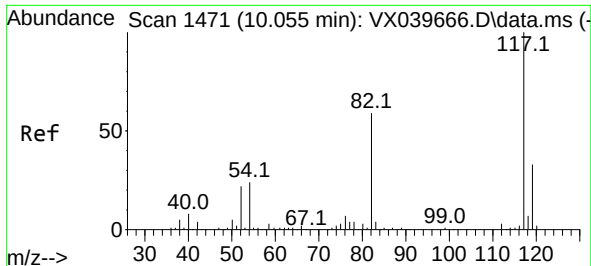
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#56
Bromoform
Concen: 20.254 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion:173 Resp: 16400
Ion Ratio Lower Upper
173 100
175 47.3 37.6 56.4
254 9.4 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

Tgt Ion: 117 Resp: 73800

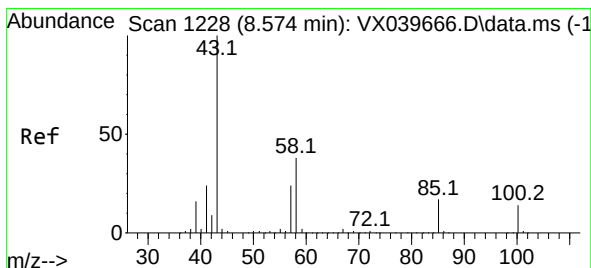
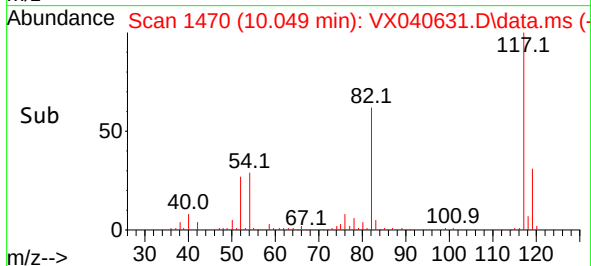
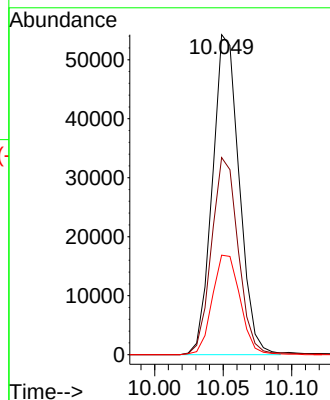
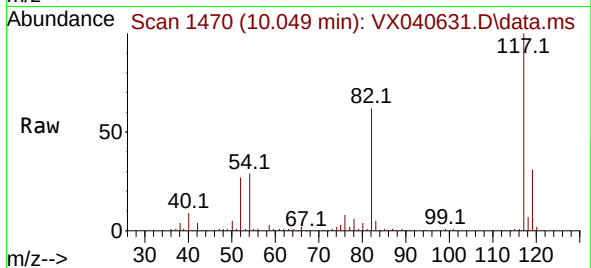
Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.0	70.6
119	32.3	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#58

4-Methyl-2-Pentanone

Concen: 94.331 ug/l

RT: 8.567 min Scan# 1227

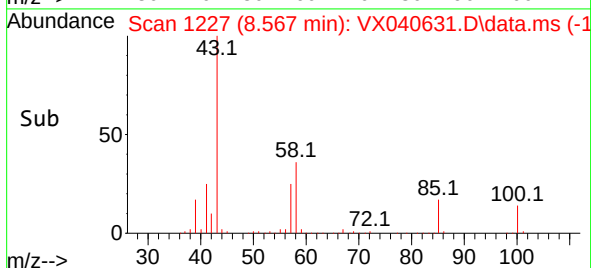
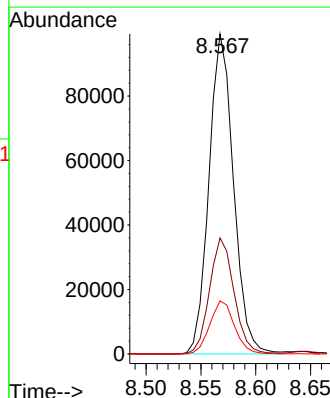
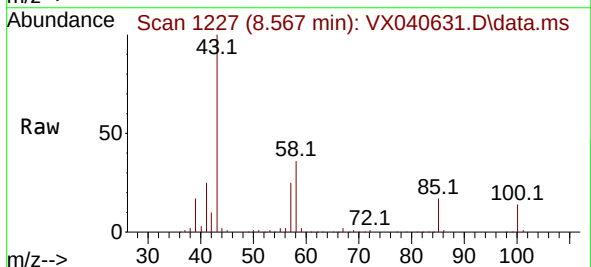
Delta R.T. -0.007 min

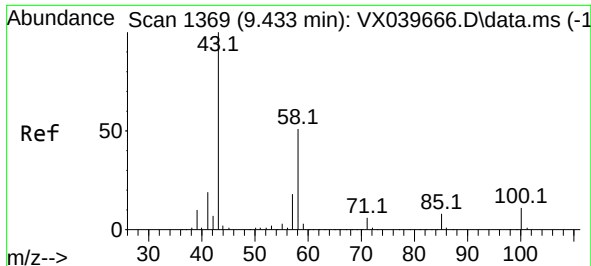
Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Tgt Ion: 43 Resp: 155030

Ion	Ratio	Lower	Upper
43	100		
58	36.1	30.1	45.1
85	16.6	13.9	20.9





#59

2-Hexanone

Concen: 90.541 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

Tgt Ion: 43 Resp: 12019

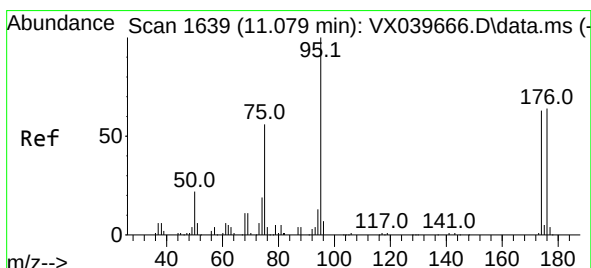
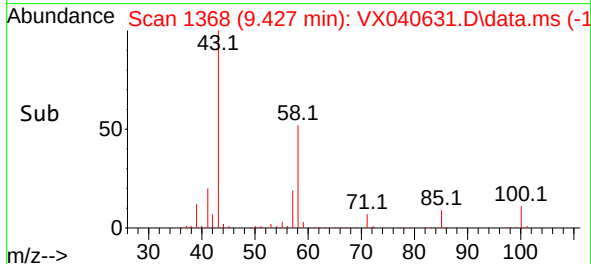
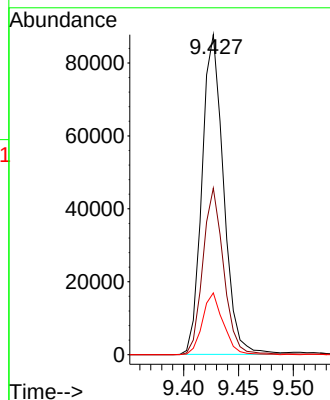
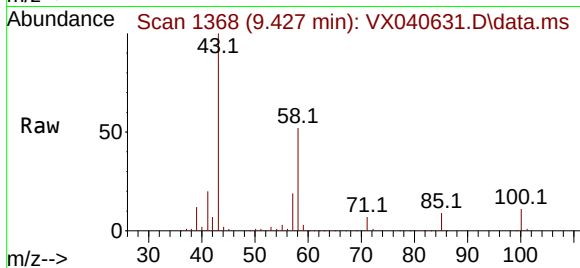
Ion	Ratio	Lower	Upper
43	100		
58	50.3	42.7	64.1
57	18.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#60

4-Bromofluorobenzene

Concen: 31.186 ug/l

RT: 11.079 min Scan# 1639

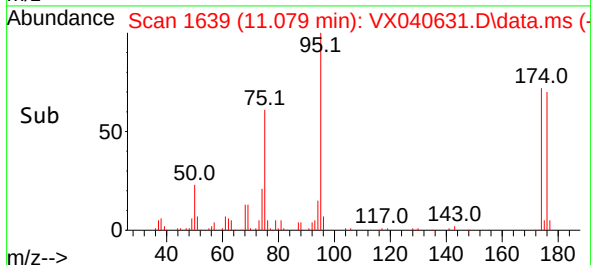
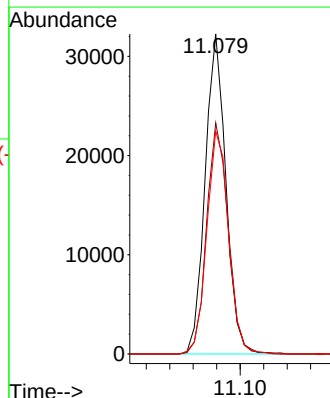
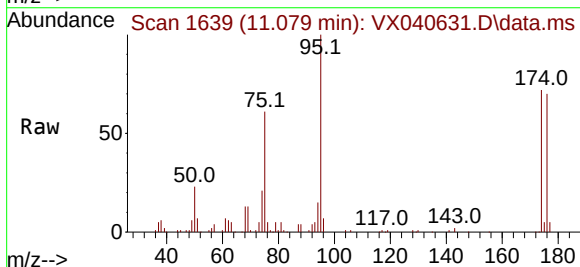
Delta R.T. 0.000 min

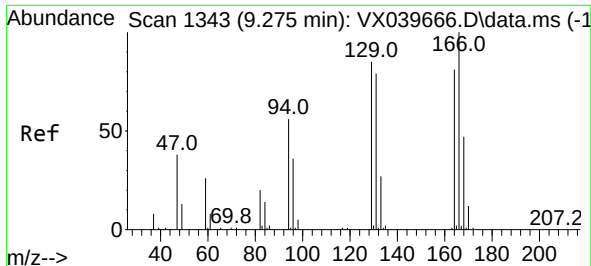
Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Tgt Ion: 95 Resp: 39481

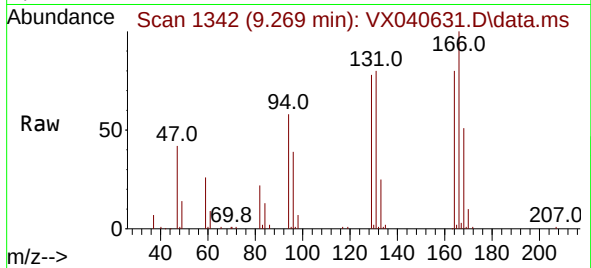
Ion	Ratio	Lower	Upper
95	100		
174	75.2	55.4	83.2
176	73.0	52.6	78.8





#61
Tetrachloroethene
Concen: 20.247 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

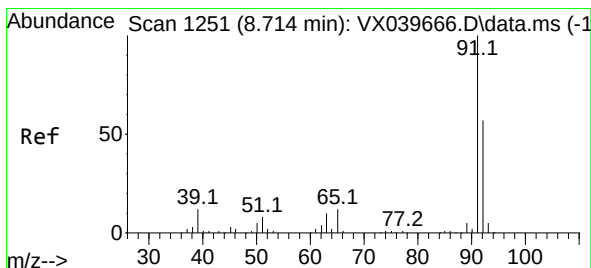
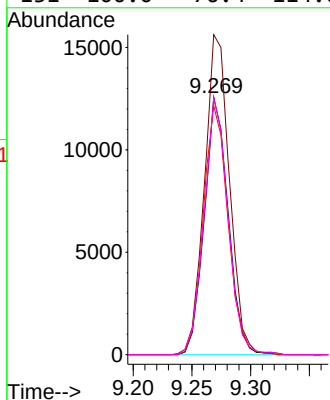
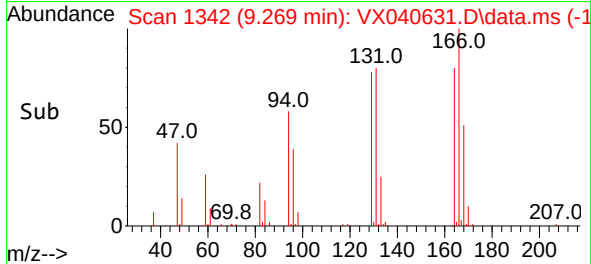
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:164 Resp: 1773
Ion Ratio Lower Upper
164 100
166 124.0 104.0 156.0
129 96.8 82.0 123.0
131 100.0 76.4 114.6

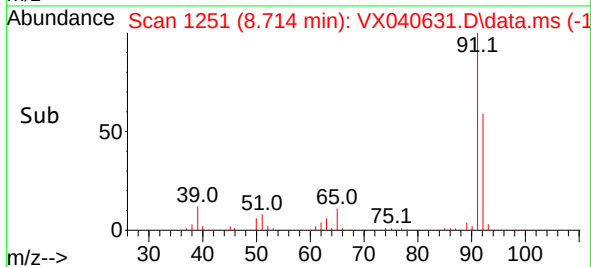
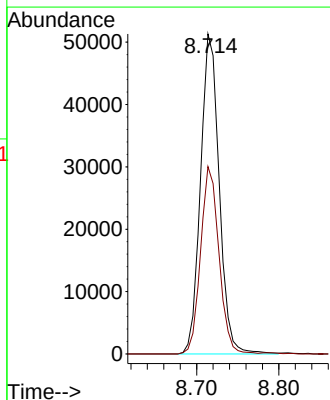
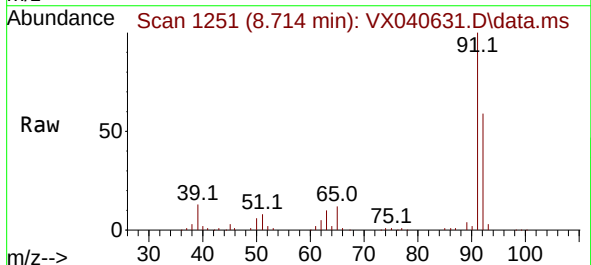
Manual Integrations
APPROVED

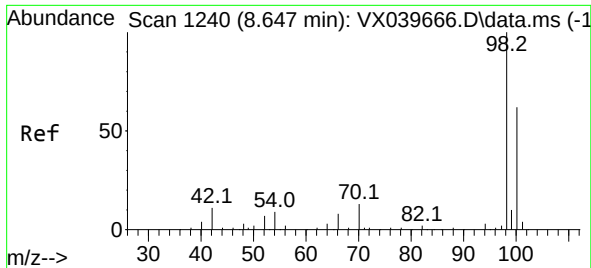
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#62
Toluene
Concen: 19.918 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

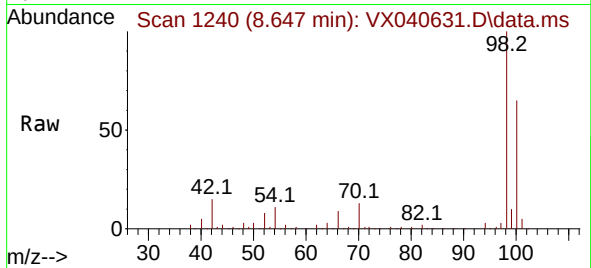
Tgt Ion: 91 Resp: 80966
Ion Ratio Lower Upper
91 100
92 57.5 45.9 68.9





#63
Toluene-d8
Concen: 30.799 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

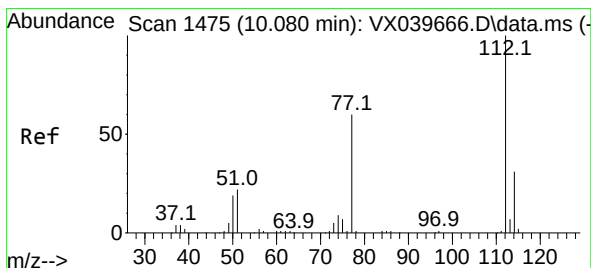
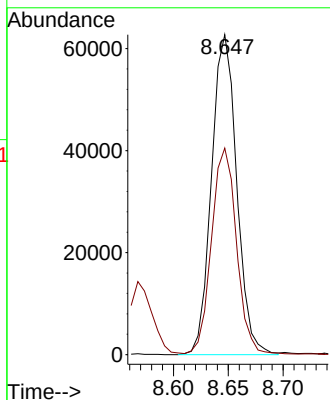
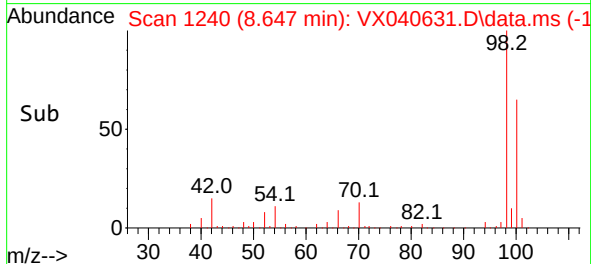
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



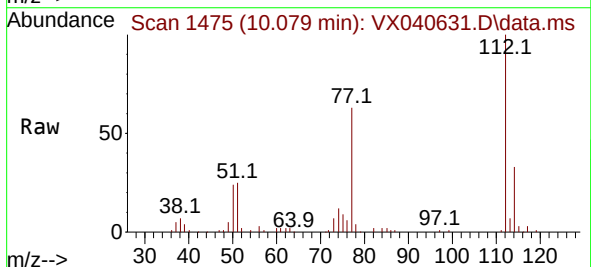
Tgt Ion: 98 Resp: 10045
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4

Manual Integrations
APPROVED

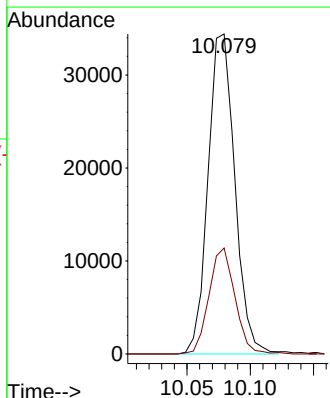
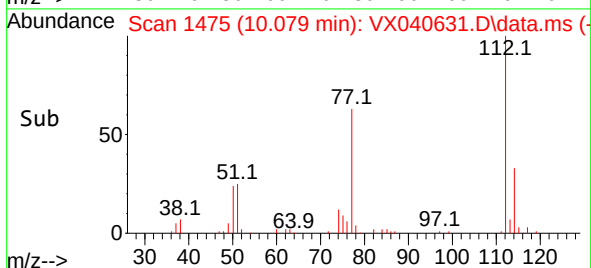
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

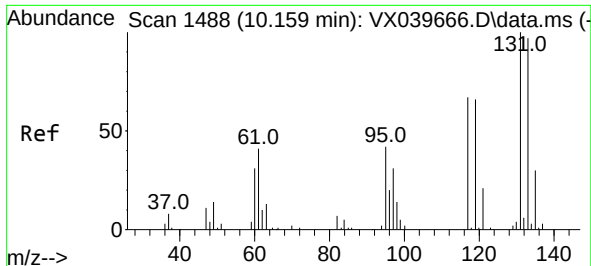


#64
Chlorobenzene
Concen: 20.393 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11



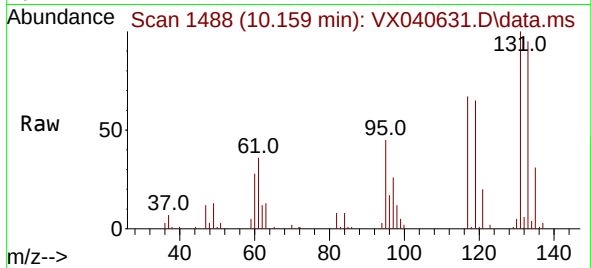
Tgt Ion:112 Resp: 50666
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 20.418 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

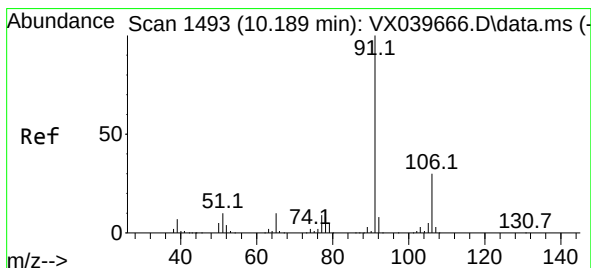
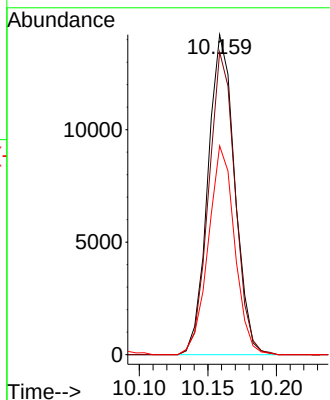
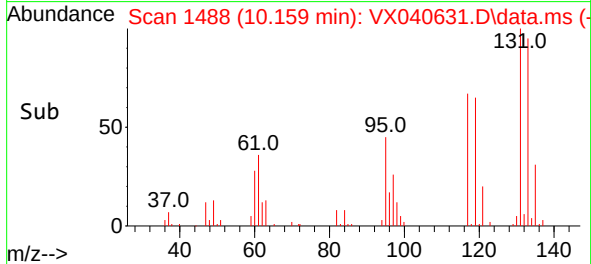
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:131 Resp: 19349
Ion Ratio Lower Upper
131 100
133 93.0 0.0 191.8
119 64.1 0.0 135.4

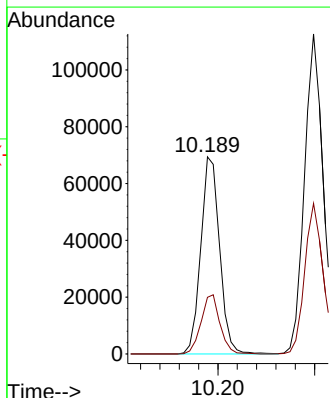
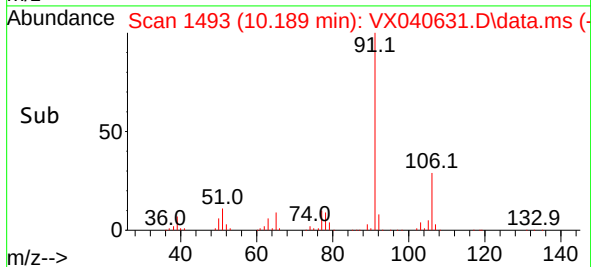
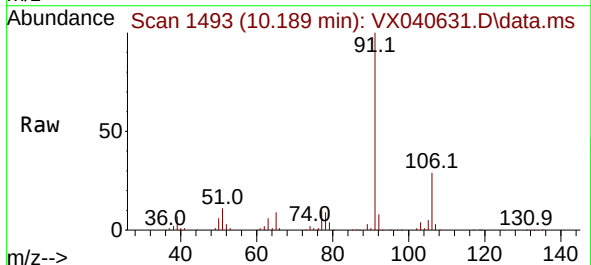
Manual Integrations
APPROVED

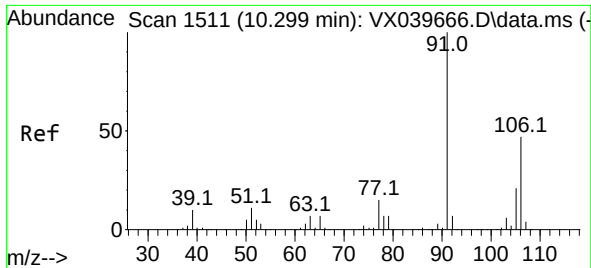
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#66
Ethyl Benzene
Concen: 20.095 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 91 Resp: 94181
Ion Ratio Lower Upper
91 100
106 28.7 24.4 36.6





#67

m/p-Xylenes

Concen: 40.355 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

Tgt Ion:106 Resp: 69844

Ion Ratio Lower Upper

106 100

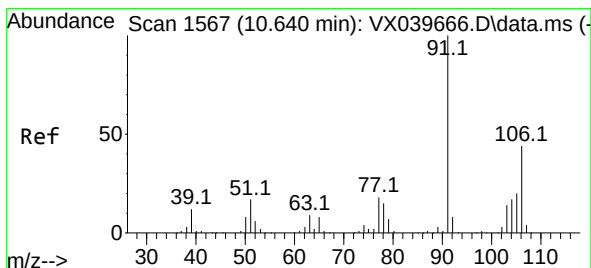
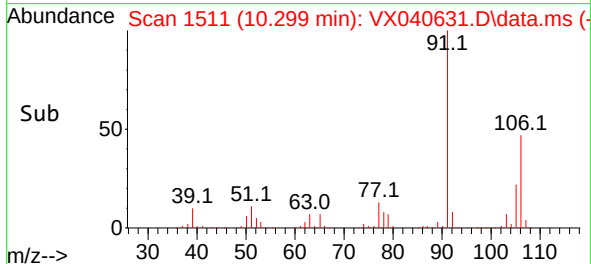
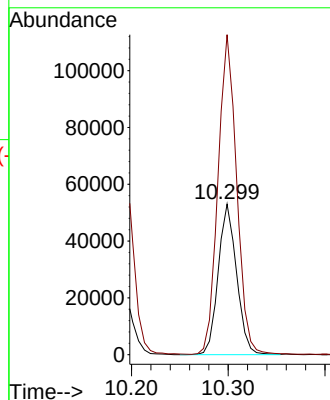
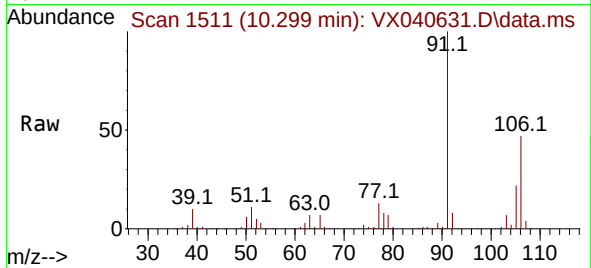
91 216.5 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#68

o-Xylene

Concen: 20.252 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040631.D

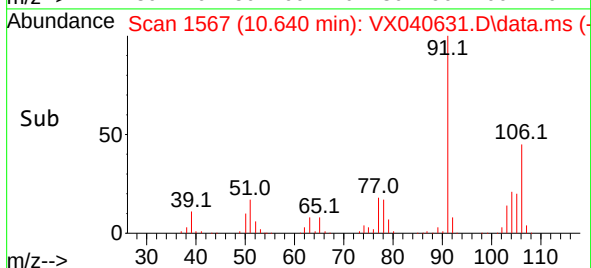
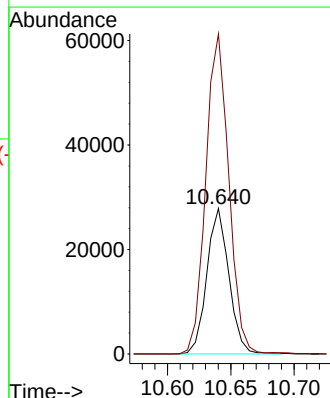
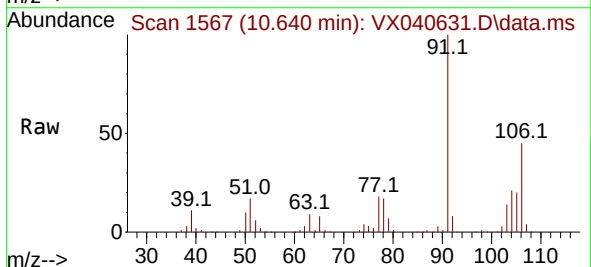
Acq: 14 Mar 2024 10:11

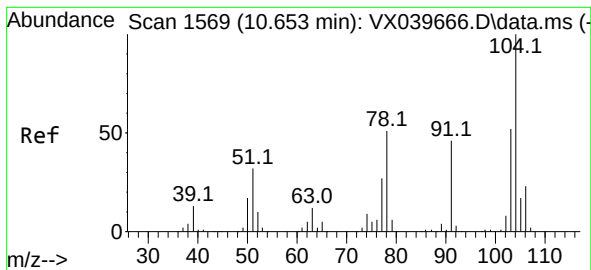
Tgt Ion:106 Resp: 33742

Ion Ratio Lower Upper

106 100

91 229.5 111.2 333.6





#69

Styrene

Concen: 20.518 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

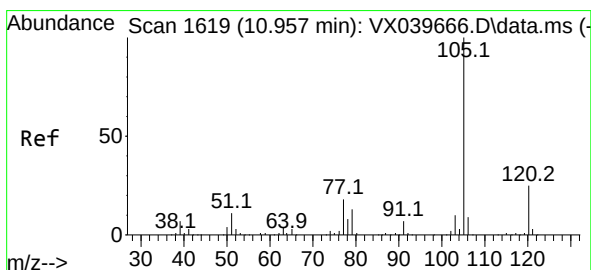
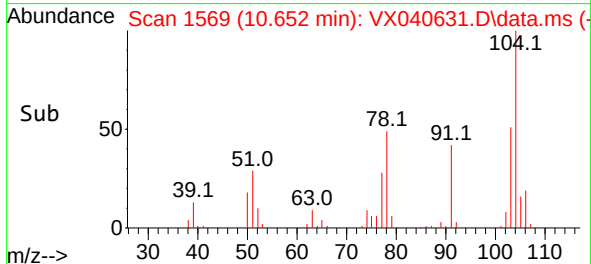
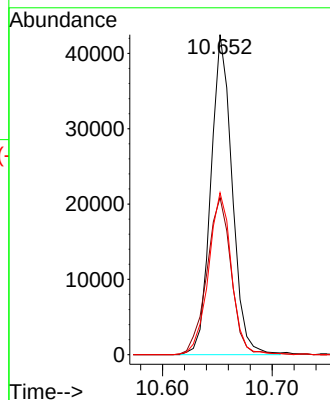
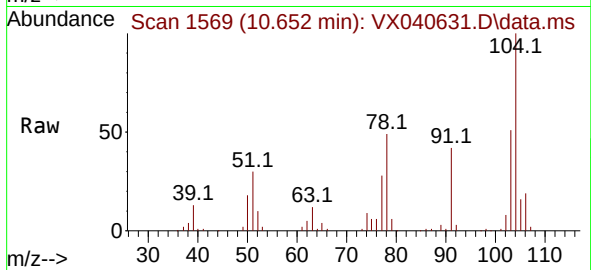
Tgt Ion:104	Resp:	5743
Ion Ratio	Lower	Upper
104	100	
78	55.3	43.7 65.5
103	54.5	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#70

Isopropylbenzene

Concen: 20.810 ug/l

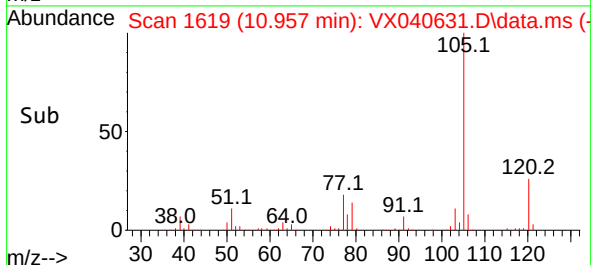
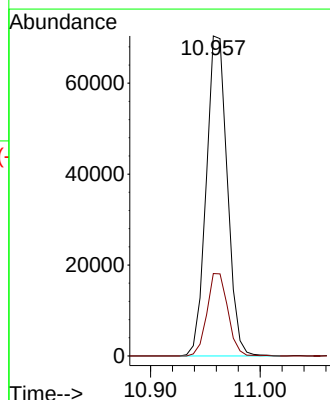
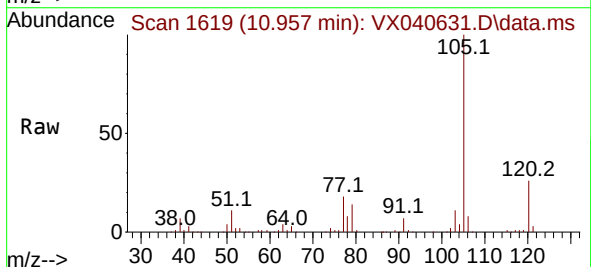
RT: 10.957 min Scan# 1619

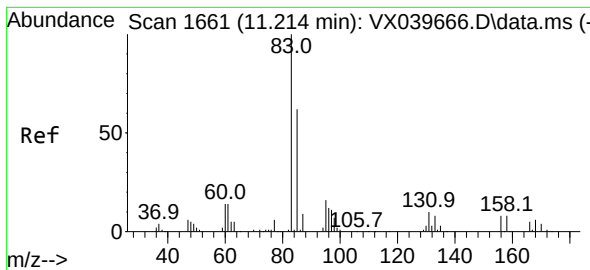
Delta R.T. 0.000 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Tgt Ion:105	Resp:	93687
Ion Ratio	Lower	Upper
105	100	
120	25.5	18.5 34.3





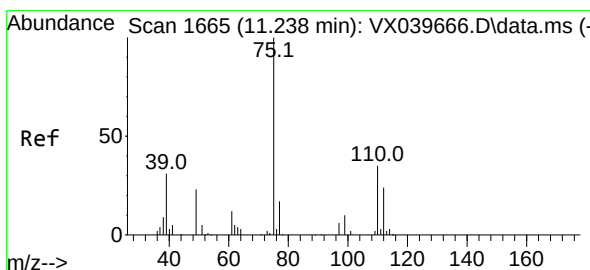
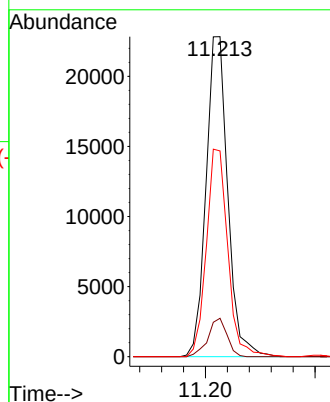
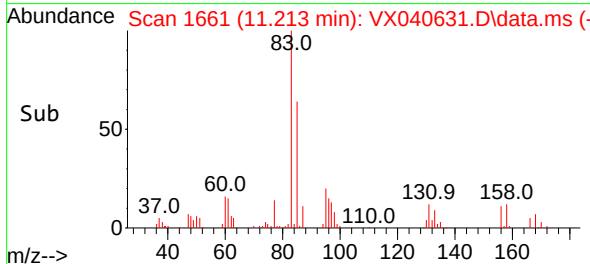
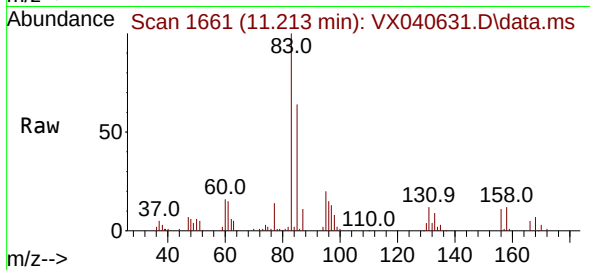
#71
1,1,2,2-Tetrachloroethane
Concen: 19.875 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion: 83 Resp: 31369
Ion Ratio Lower Upper
83 100
131 10.5 4.6 13.8
85 64.1 32.5 97.4

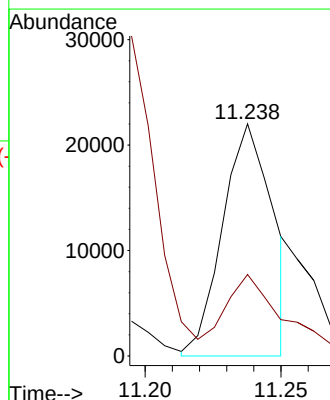
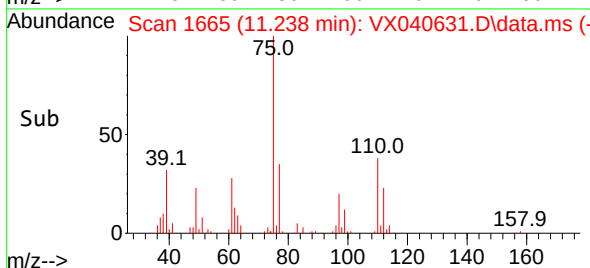
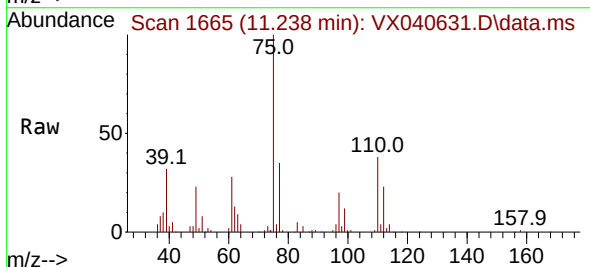
Manual Integrations
APPROVED

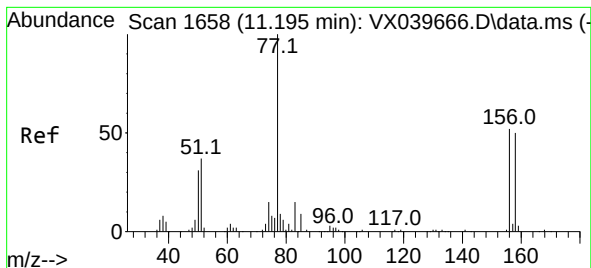
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#72
1,2,3-Trichloropropane
Concen: 19.917 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 75 Resp: 28284
Ion Ratio Lower Upper
75 100
77 42.0 0.0 76.4





#73

Bromobenzene

Concen: 20.565 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

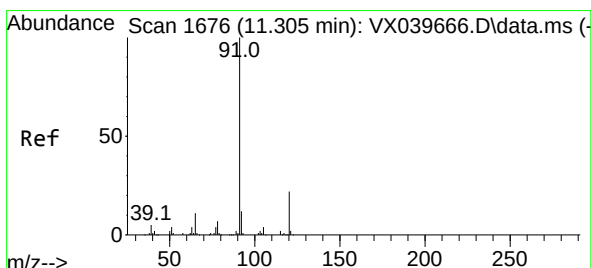
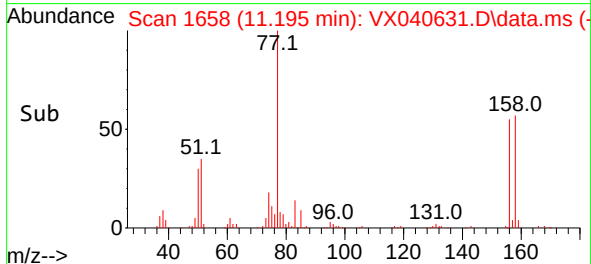
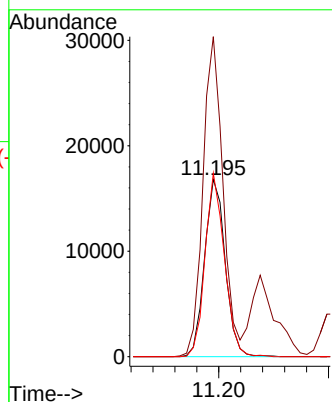
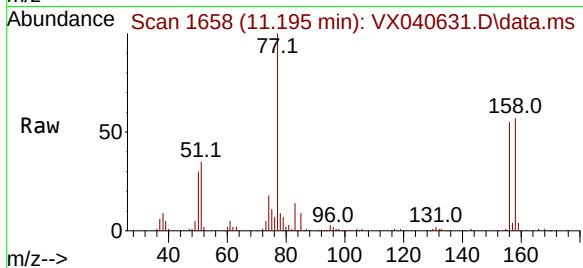
Tgt Ion:	156	Resp:	21918
Ion Ratio	Lower	Upper	
156	100		
77	174.2	0.0	363.2
158	97.0	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#74

n-propylbenzene

Concen: 20.864 ug/l

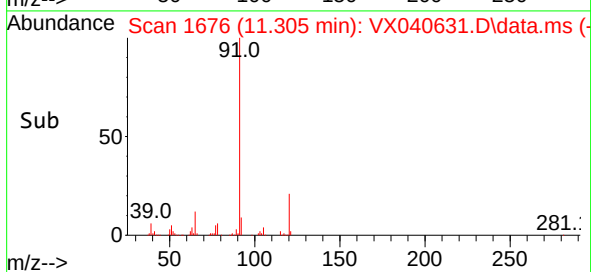
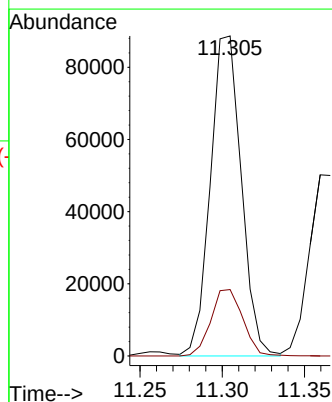
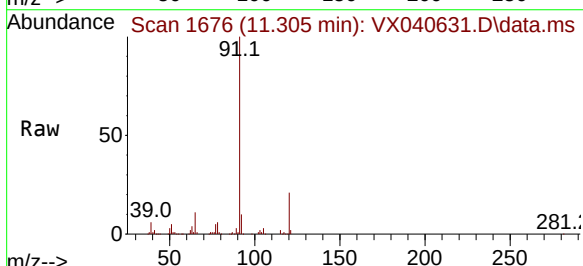
RT: 11.305 min Scan# 1676

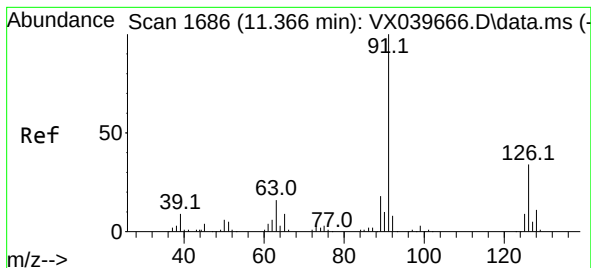
Delta R.T. -0.000 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Tgt Ion:	91	Resp:	116009
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.4





#75

2-Chlorotoluene

Concen: 20.654 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

Tgt Ion: 91 Resp: 6815

Ion Ratio Lower Upper

91 100

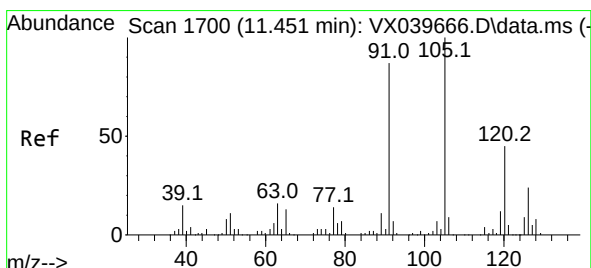
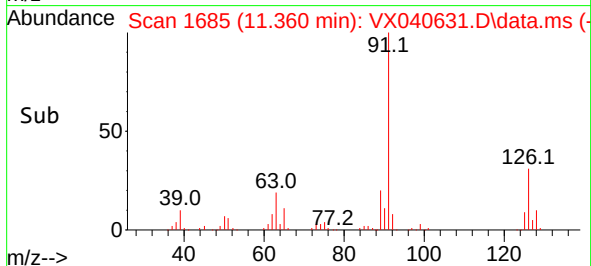
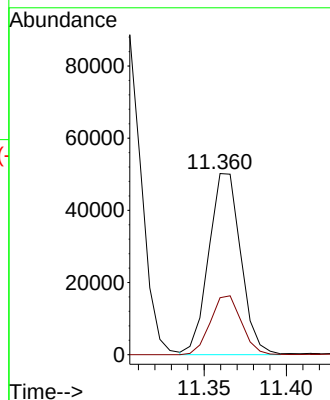
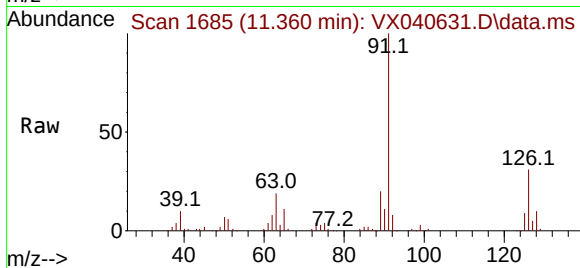
126 31.6 0.0 64.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.285 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040631.D

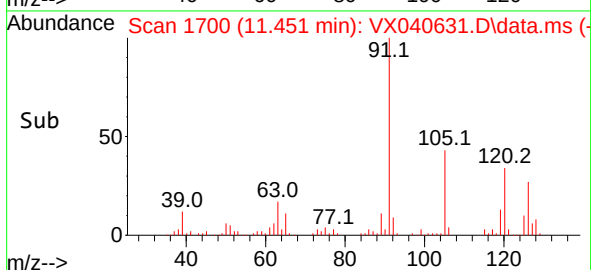
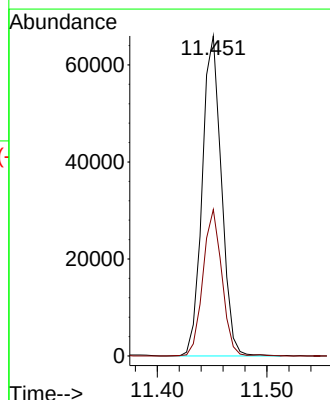
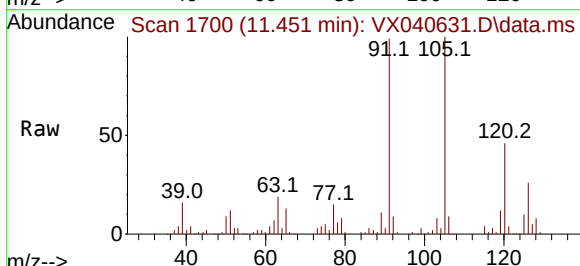
Acq: 14 Mar 2024 10:11

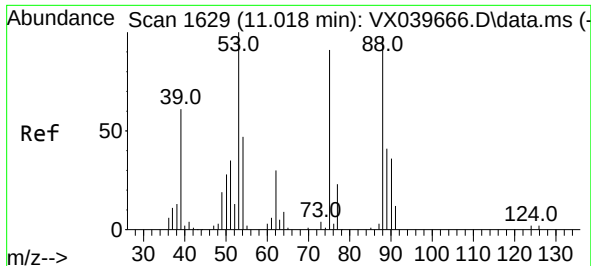
Tgt Ion:105 Resp: 80397

Ion Ratio Lower Upper

105 100

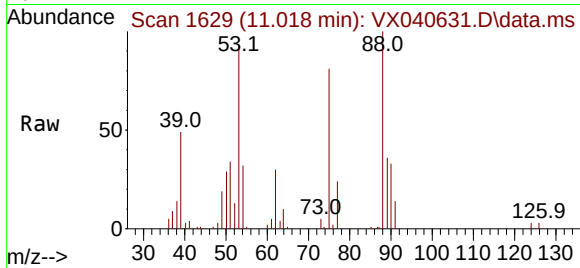
120 44.5 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.132 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

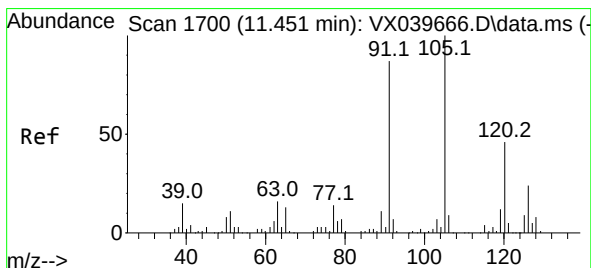
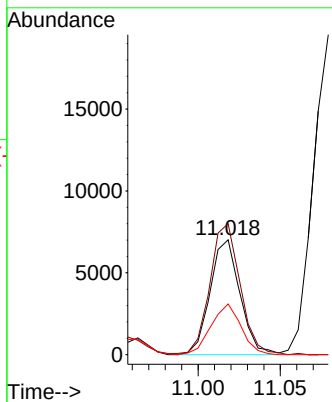
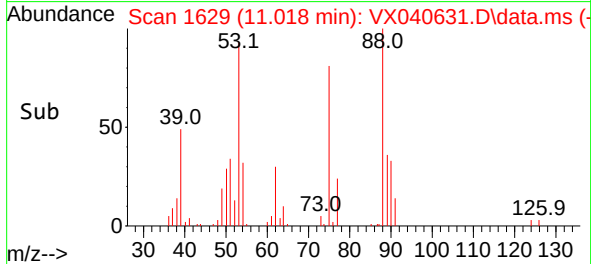
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 75 Resp: 888
Ion Ratio Lower Upper
75 100
53 112.9 46.9 140.8
89 44.2 21.3 63.7

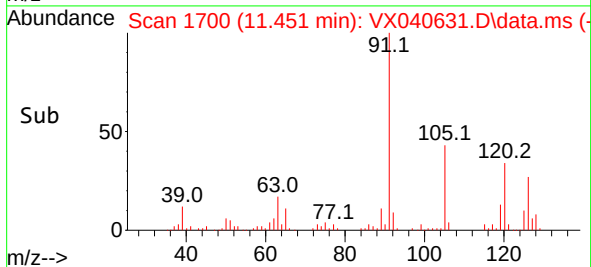
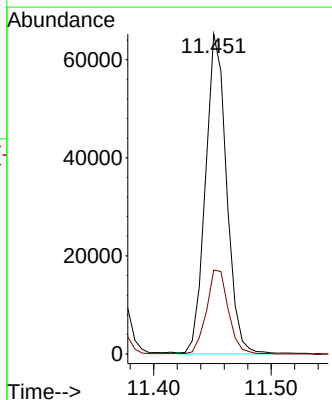
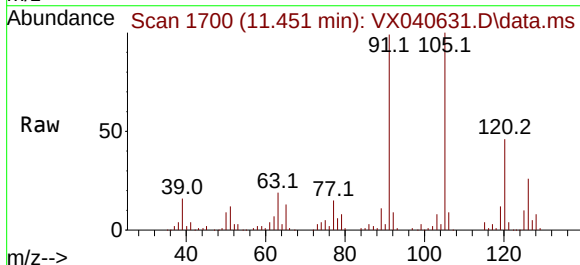
Manual Integrations
APPROVED

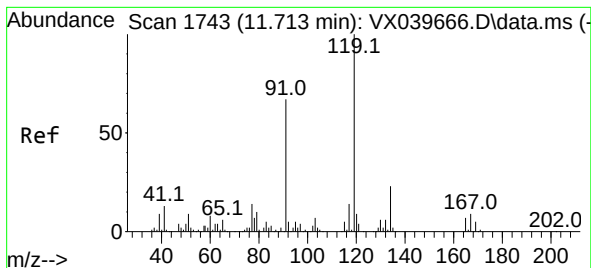
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#78
4-Chlorotoluene
Concen: 20.733 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

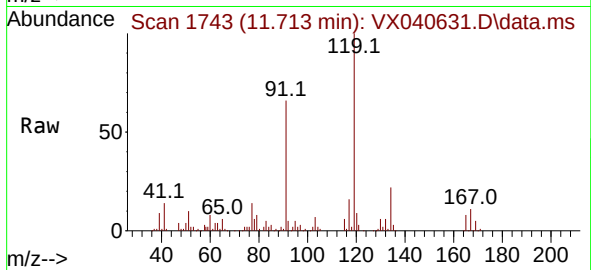
Tgt Ion: 91 Resp: 81610
Ion Ratio Lower Upper
91 100
126 26.7 0.0 57.4





#79
tert-butylbenzene
Concen: 20.704 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

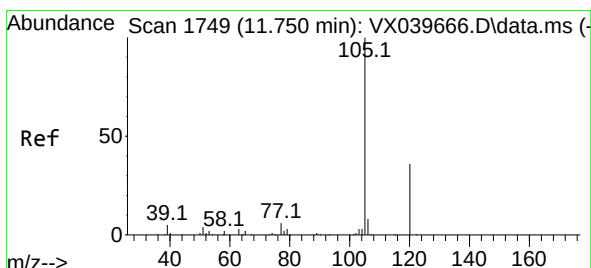
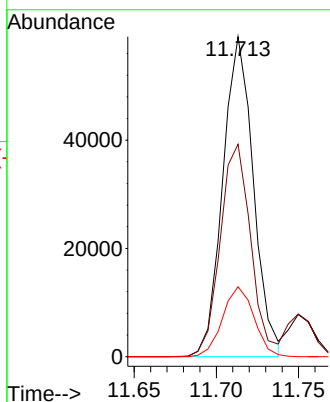
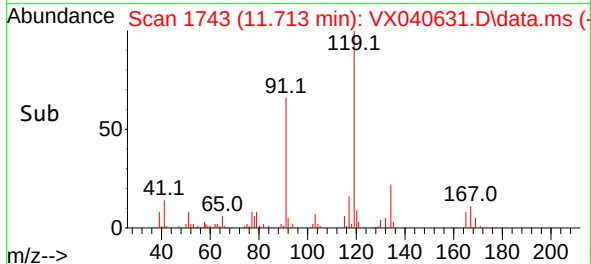
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:119 Resp: 76592
Ion Ratio Lower Upper
119 100
91 66.3 0.0 125.6
134 22.5 0.0 43.8

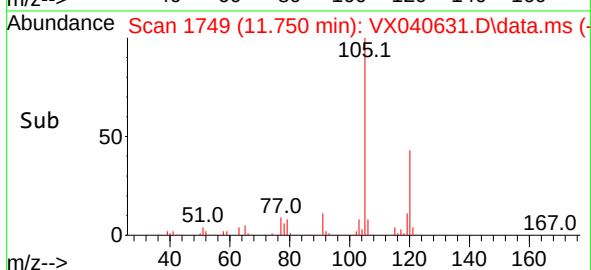
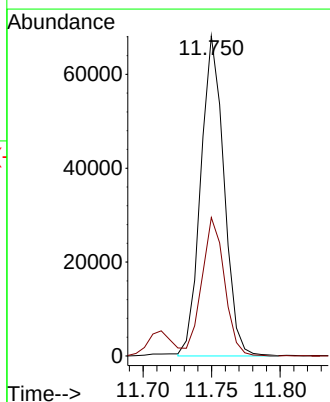
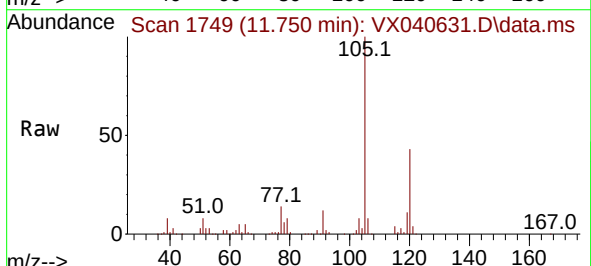
Manual Integrations
APPROVED

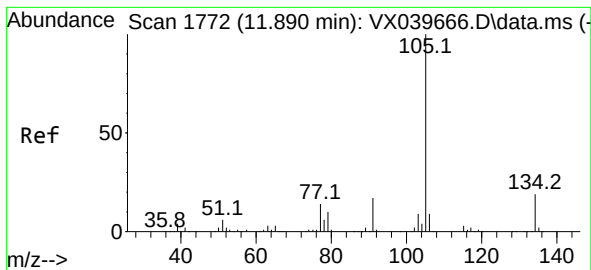
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.611 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

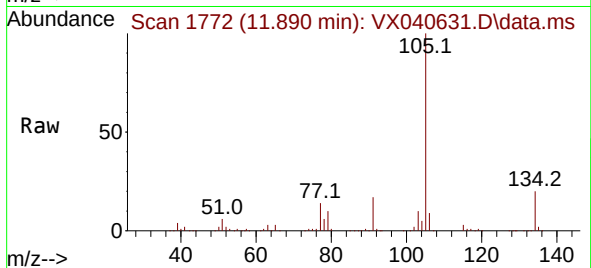
Tgt Ion:105 Resp: 80489
Ion Ratio Lower Upper
105 100
120 41.9 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 20.403 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040631.D
 Acq: 14 Mar 2024 10:11

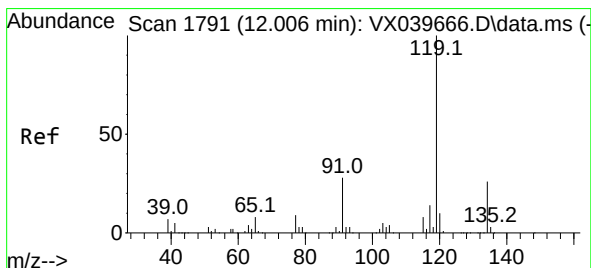
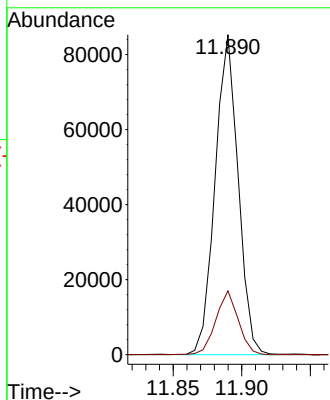
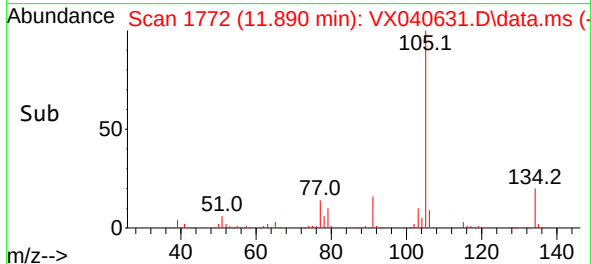
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS01



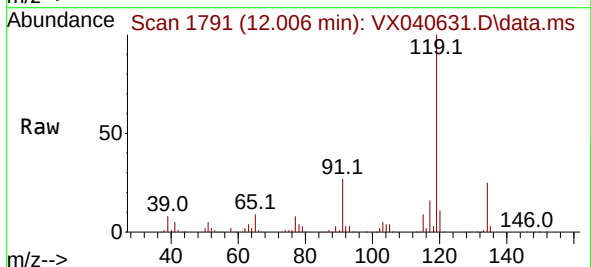
Tgt Ion:105 Resp: 9965
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

Manual Integrations
 APPROVED

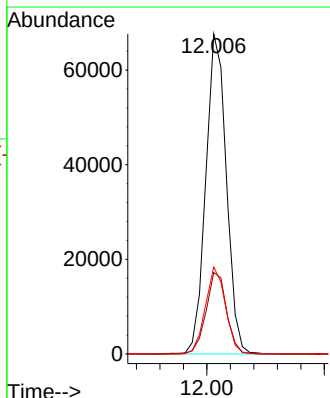
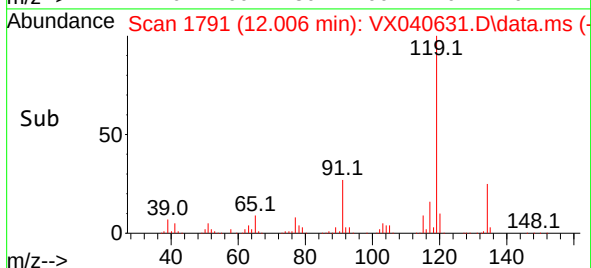
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

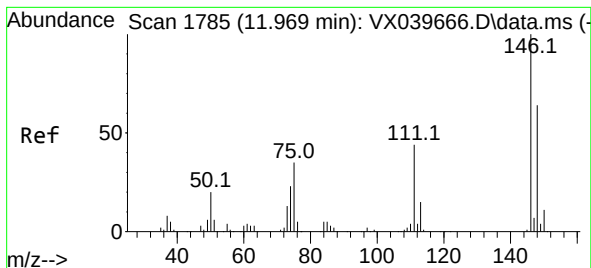


#82
 p-Isopropyltoluene
 Concen: 20.564 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040631.D
 Acq: 14 Mar 2024 10:11



Tgt Ion:119 Resp: 82213
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.6
 91 26.5 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 21.007 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS01

Tgt Ion:146 Resp: 4356

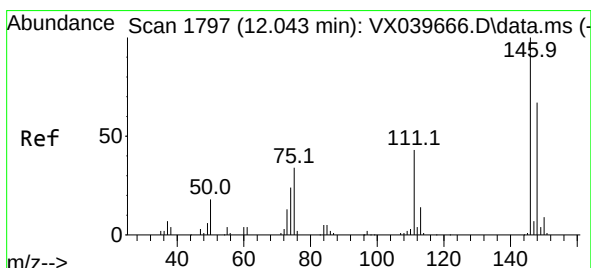
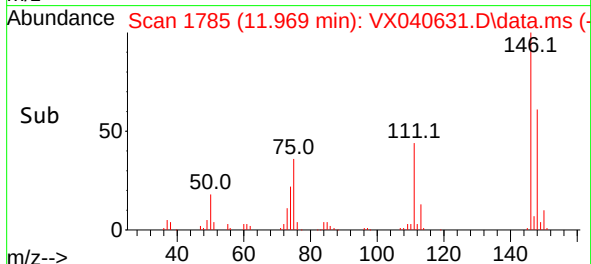
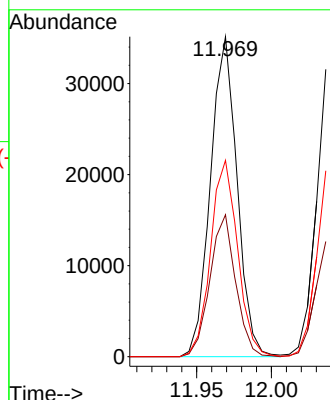
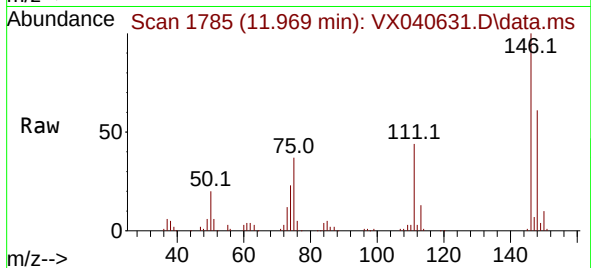
Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.3	66.9
148	62.3	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#84

1,4-Dichlorobenzene

Concen: 20.390 ug/l

RT: 12.042 min Scan# 1797

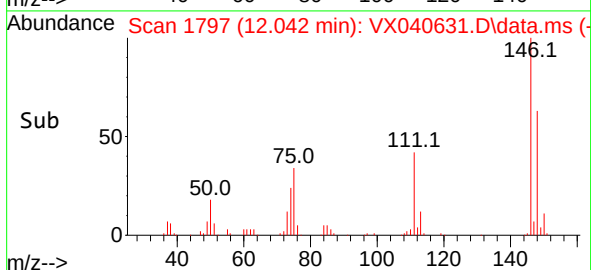
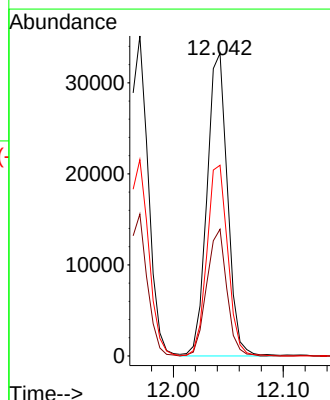
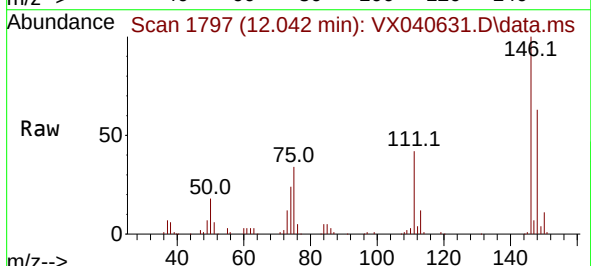
Delta R.T. -0.001 min

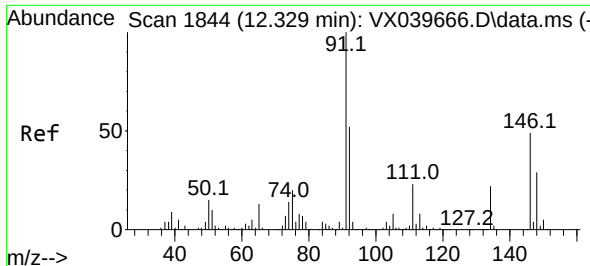
Lab File: VX040631.D

Acq: 14 Mar 2024 10:11

Tgt Ion:146 Resp: 43242

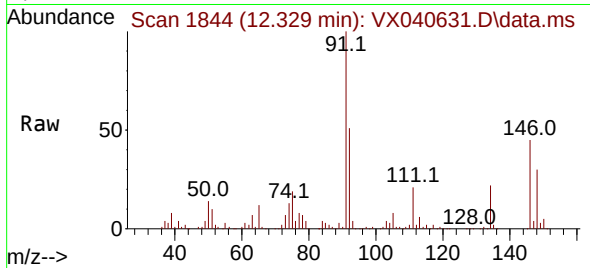
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.4	64.2
148	63.9	31.8	95.4





#85
n-Butylbenzene
Concen: 20.289 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

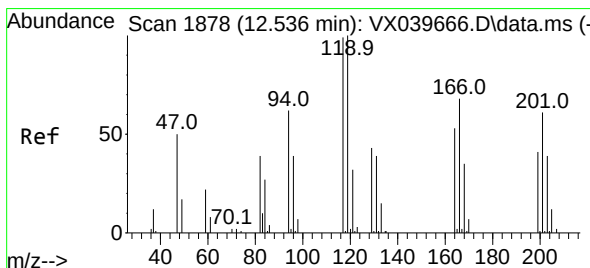
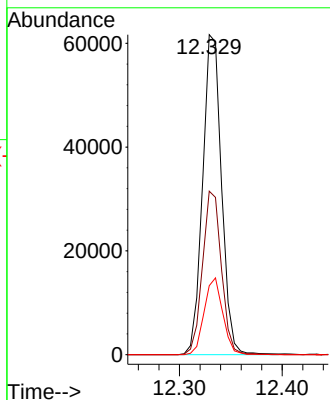
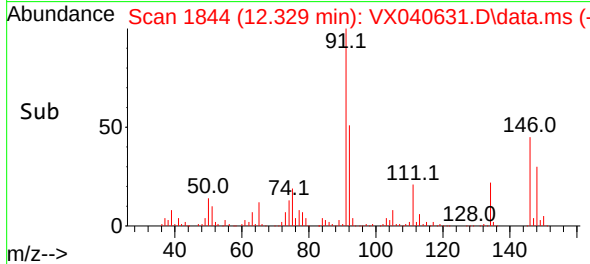
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion: 91 Resp: 78928
Ion Ratio Lower Upper
91 100
92 51.1 0.0 106.2
134 23.5 0.0 48.8

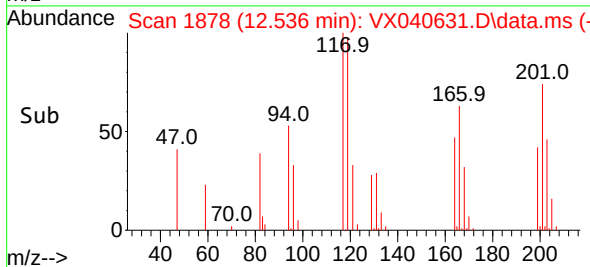
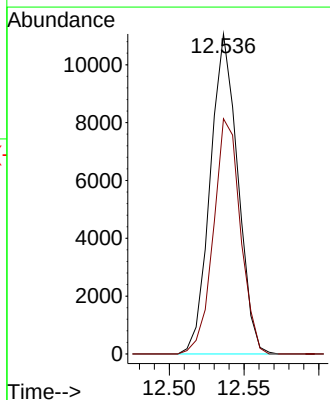
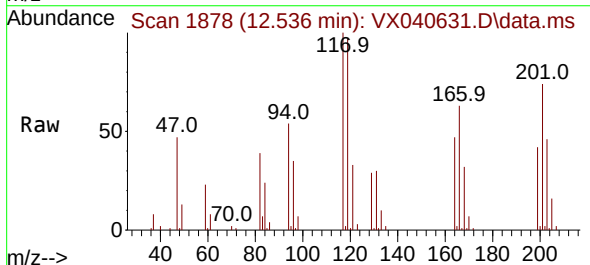
Manual Integrations
APPROVED

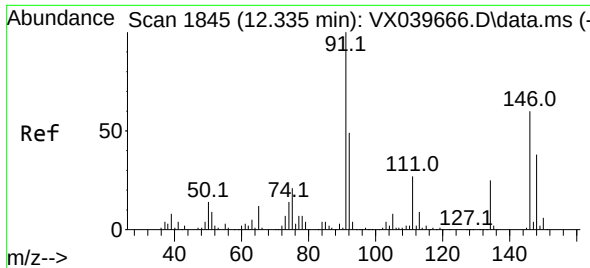
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#86
Hexachloroethane
Concen: 20.320 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

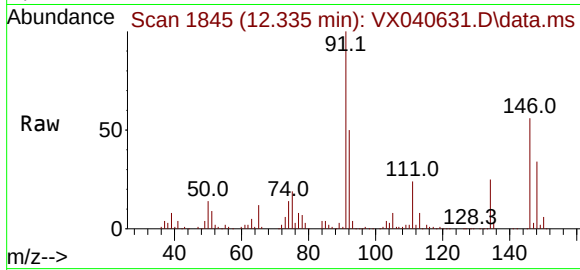
Tgt Ion:117 Resp: 14175
Ion Ratio Lower Upper
117 100
201 72.0 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 20.809 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

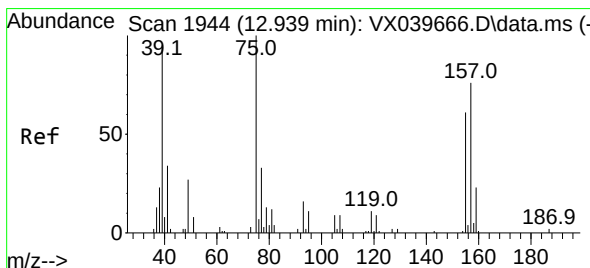
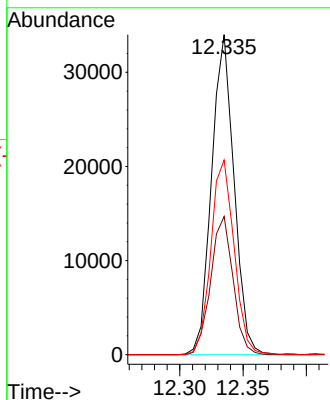
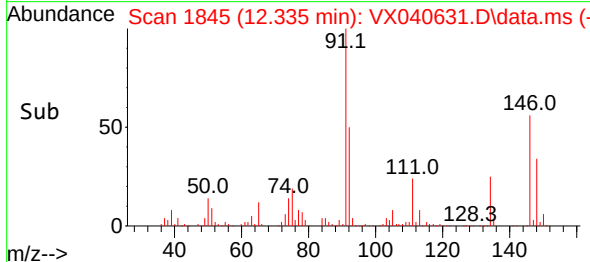
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



Tgt Ion:146 Resp: 41934
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.2
148 63.0 31.9 95.7

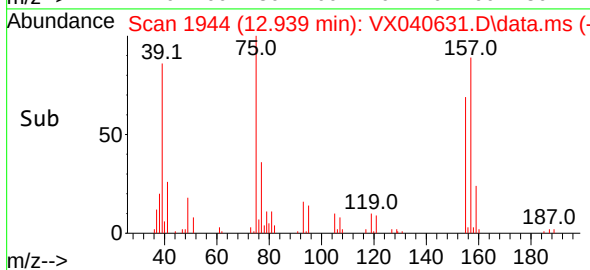
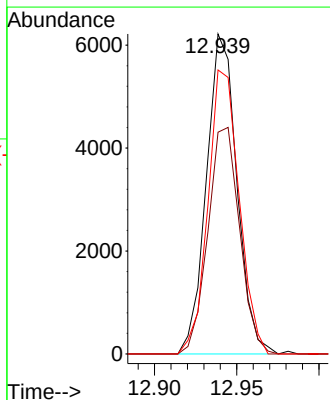
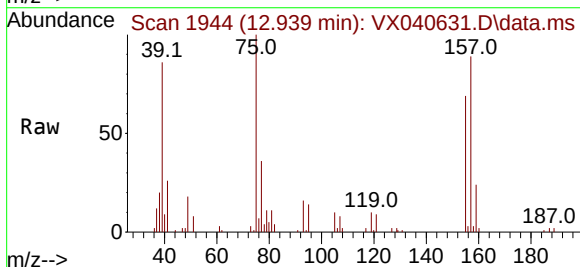
Manual Integrations
APPROVED

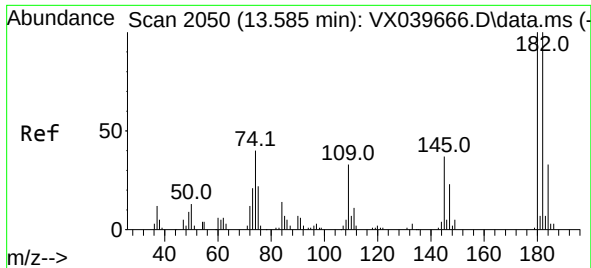
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.973 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Tgt Ion: 75 Resp: 8007
Ion Ratio Lower Upper
75 100
155 73.6 58.2 87.4
157 90.6 76.5 114.7





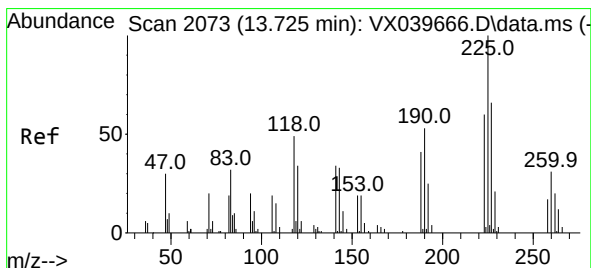
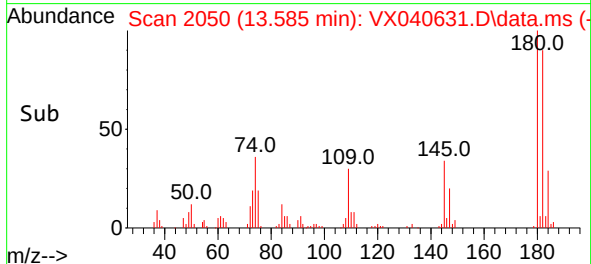
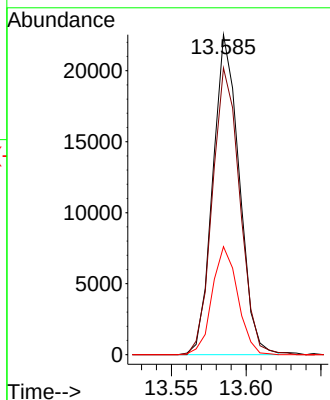
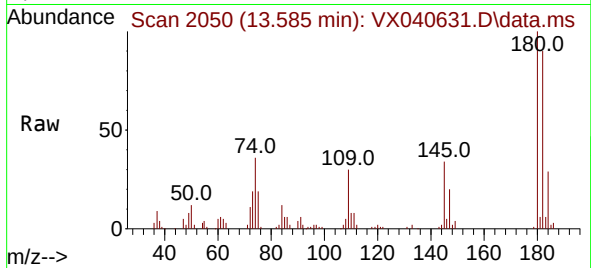
#89
1,2,4-Trichlorobenzene
Concen: 20.404 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01

Tgt Ion:180 Resp: 27680
Ion Ratio Lower Upper
180 100
182 92.7 74.5 111.7
145 32.7 26.6 40.0

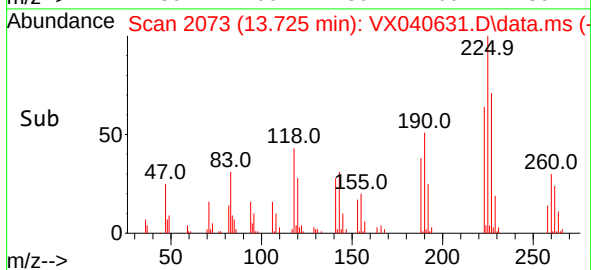
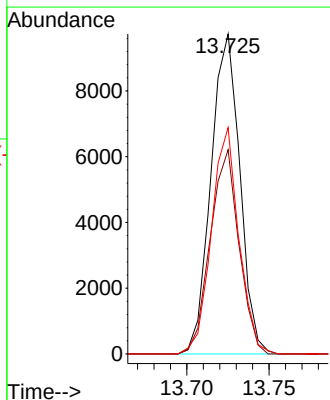
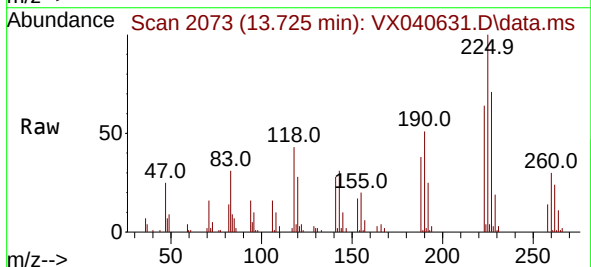
Manual Integrations
APPROVED

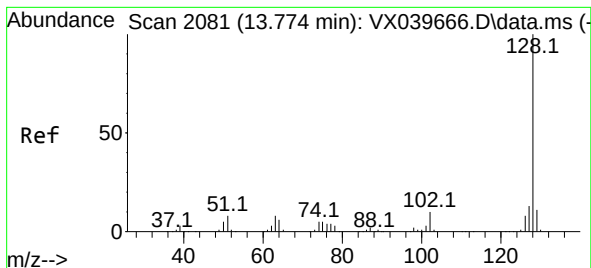
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#90
Hexachlorobutadiene
Concen: 21.666 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

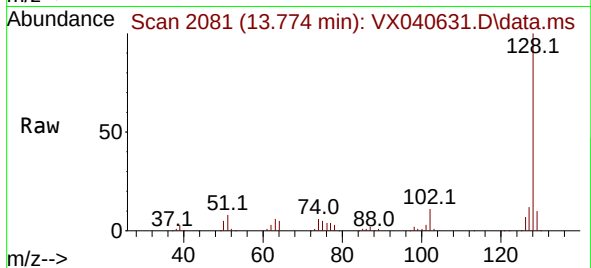
Tgt Ion:225 Resp: 11887
Ion Ratio Lower Upper
225 100
223 63.4 0.0 124.4
227 67.1 0.0 124.4





#91
Naphthalene
Concen: 19.250 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11

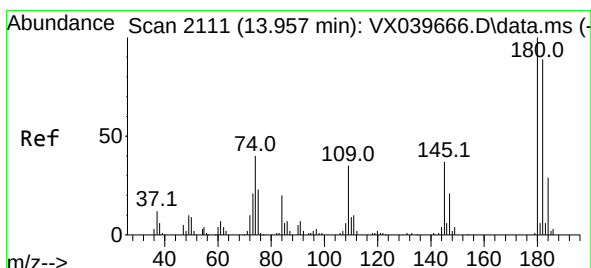
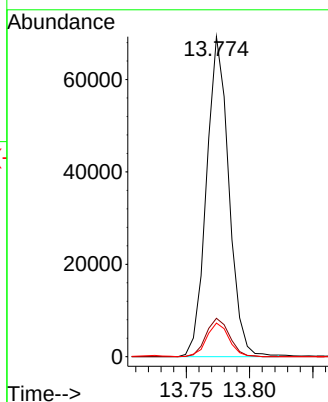
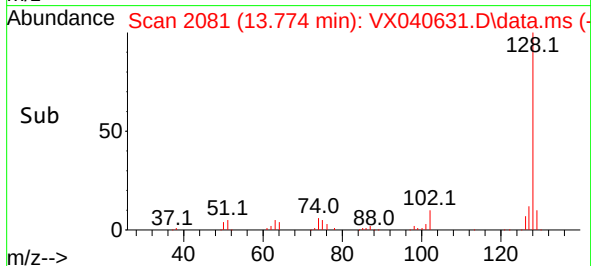
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS01



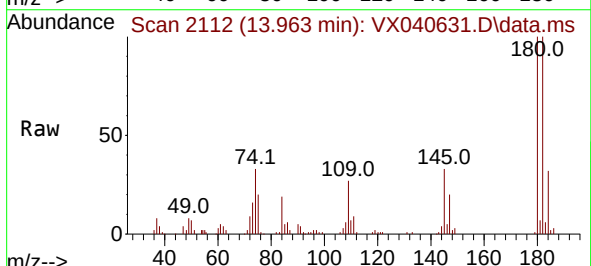
Tgt Ion:128 Resp: 8520
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.293 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040631.D
Acq: 14 Mar 2024 10:11



Tgt Ion:180 Resp: 27150
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.6
145 32.5 0.0 69.6

