

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
 Data File : VX041229.D
 Acq On : 24 Apr 2024 12:51
 Operator : JC/MD
 Sample : VX0424WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2024
 Supervised By : Mahesh Dadoda 04/25/2024

Quant Time: Apr 25 05:52:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	218715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	296602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	235078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	154044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95083	45.669	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.340%		
35) Dibromofluoromethane	5.379	113	82291	45.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.220%		
50) Toluene-d8	8.647	98	279988	45.997	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.000%		
62) 4-Bromofluorobenzene	11.079	95	107815	47.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31482	18.199	ug/l	99
3) Chloromethane	1.295	50	31802	16.980	ug/l	99
4) Vinyl Chloride	1.374	62	35517	18.963	ug/l	99
5) Bromomethane	1.593	94	20087	19.048	ug/l	99
6) Chloroethane	1.666	64	17767	24.970	ug/l	94
7) Trichlorofluoromethane	1.874	101	52345	18.037	ug/l	99
8) Diethyl Ether	2.136	74	18765	17.570	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	27376	16.033	ug/l	# 84
10) Methyl Iodide	2.447	142	18569	9.018	ug/l	93
11) Tert butyl alcohol	2.977	59	39063m	104.729	ug/l	
12) 1,1-Dichloroethene	2.313	96	25895	16.246	ug/l	89
13) Acrolein	2.233	56	34144	81.603	ug/l	98
14) Allyl chloride	2.660	41	42010	16.224	ug/l	94
15) Acrylonitrile	3.062	53	79951	83.885	ug/l	99
16) Acetone	2.380	43	71635	94.525	ug/l	93
17) Carbon Disulfide	2.508	76	55171	16.569	ug/l	99
18) Methyl Acetate	2.703	43	35639	15.897	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	90556	15.892	ug/l	98
20) Methylene Chloride	2.782	84	28390	15.339	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	26115	14.826	ug/l	86
22) Diisopropyl ether	3.757	45	108347	19.353	ug/l	97
23) Vinyl Acetate	3.715	43	457475	95.517	ug/l	95
24) 1,1-Dichloroethane	3.605	63	49681	15.875	ug/l	96
25) 2-Butanone	4.556	43	145253	112.230	ug/l	96
26) 2,2-Dichloropropane	4.465	77	52160	19.721	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	42269	19.360	ug/l	90
28) Bromochloromethane	4.891	49	24404	20.549	ug/l	# 75
29) Tetrahydrofuran	5.001	42	95655	108.488	ug/l	95
30) Chloroform	5.087	83	67711	20.158	ug/l	97
31) Cyclohexane	5.458	56	51160	18.258	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	60125	19.967	ug/l	96
36) 1,1-Dichloropropene	5.684	75	43256	18.738	ug/l	96
37) Ethyl Acetate	4.715	43	57286	22.618	ug/l	99
38) Carbon Tetrachloride	5.672	117	53192	20.630	ug/l	99
39) Methylcyclohexane	7.379	83	55452	18.110	ug/l	90
40) Benzene	6.031	78	138505	19.427	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30122	22.845	ug/l	94
42) 1,2-Dichloroethane	6.080	62	51409	20.796	ug/l	95
43) Isopropyl Acetate	6.336	43	84336	20.671	ug/l	96
44) Trichloroethene	7.123	130	32105	15.489	ug/l	88
45) 1,2-Dichloropropane	7.428	63	33705	19.717	ug/l	97
46) Dibromomethane	7.580	93	26192	20.548	ug/l #	76
47) Bromodichloromethane	7.818	83	50466	21.479	ug/l	97
48) Methyl methacrylate	7.690	41	43315	22.445	ug/l	94
49) 1,4-Dioxane	7.665	88	18615	448.163	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	295467	115.697	ug/l	98
52) Toluene	8.714	92	91286	20.320	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	48922	21.227	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	53136	20.281	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	37344	21.304	ug/l	98
56) Ethyl methacrylate	9.116	69	58420	21.800	ug/l	96
57) 1,3-Dichloropropane	9.305	76	60235	20.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	122321	93.784	ug/l	93
59) 2-Hexanone	9.427	43	233574	119.271	ug/l	98
60) Dibromochloromethane	9.519	129	43827	21.658	ug/l	98
61) 1,2-Dibromoethane	9.610	107	39488	20.996	ug/l	99
64) Tetrachloroethene	9.269	164	38748	21.492	ug/l	91
65) Chlorobenzene	10.073	112	90799	18.768	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31857	19.224	ug/l	99
67) Ethyl Benzene	10.189	91	145248	18.813	ug/l	99
68) m/p-Xylenes	10.299	106	114815	36.838	ug/l	95
69) o-Xylene	10.640	106	57329	18.912	ug/l	92
70) Styrene	10.653	104	96878	19.644	ug/l	96
71) Bromoform	10.799	173	29341	20.710	ug/l #	98
73) Isopropylbenzene	10.964	105	149360	15.583	ug/l	96
74) N-amyl acetate	10.842	43	62266	16.530	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	61193	20.245	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50104m	20.188	ug/l	
77) Bromobenzene	11.195	156	51782	18.565	ug/l	78
78) n-propylbenzene	11.305	91	200823	19.405	ug/l	97
79) 2-Chlorotoluene	11.360	91	123559	18.866	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	154357	19.358	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15229	17.311	ug/l	99
82) 4-Chlorotoluene	11.451	91	142505	19.201	ug/l	93
83) tert-Butylbenzene	11.713	119	165055	19.330	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	154697	19.547	ug/l	94
85) sec-Butylbenzene	11.890	105	193846	19.659	ug/l	94
86) p-Isopropyltoluene	12.006	119	174212	20.048	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	95356	19.032	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	96212	18.716	ug/l	96
89) n-Butylbenzene	12.329	91	135304	20.508	ug/l	97
90) Hexachloroethane	12.536	117	28380	19.799	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	96868	19.303	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13335	21.026	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.591	180	69532	19.984	ug/l	95
94) Hexachlorobutadiene	13.725	225	35843	20.163	ug/l	99
95) Naphthalene	13.774	128	205031	20.509	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72169	19.692	ug/l	96

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

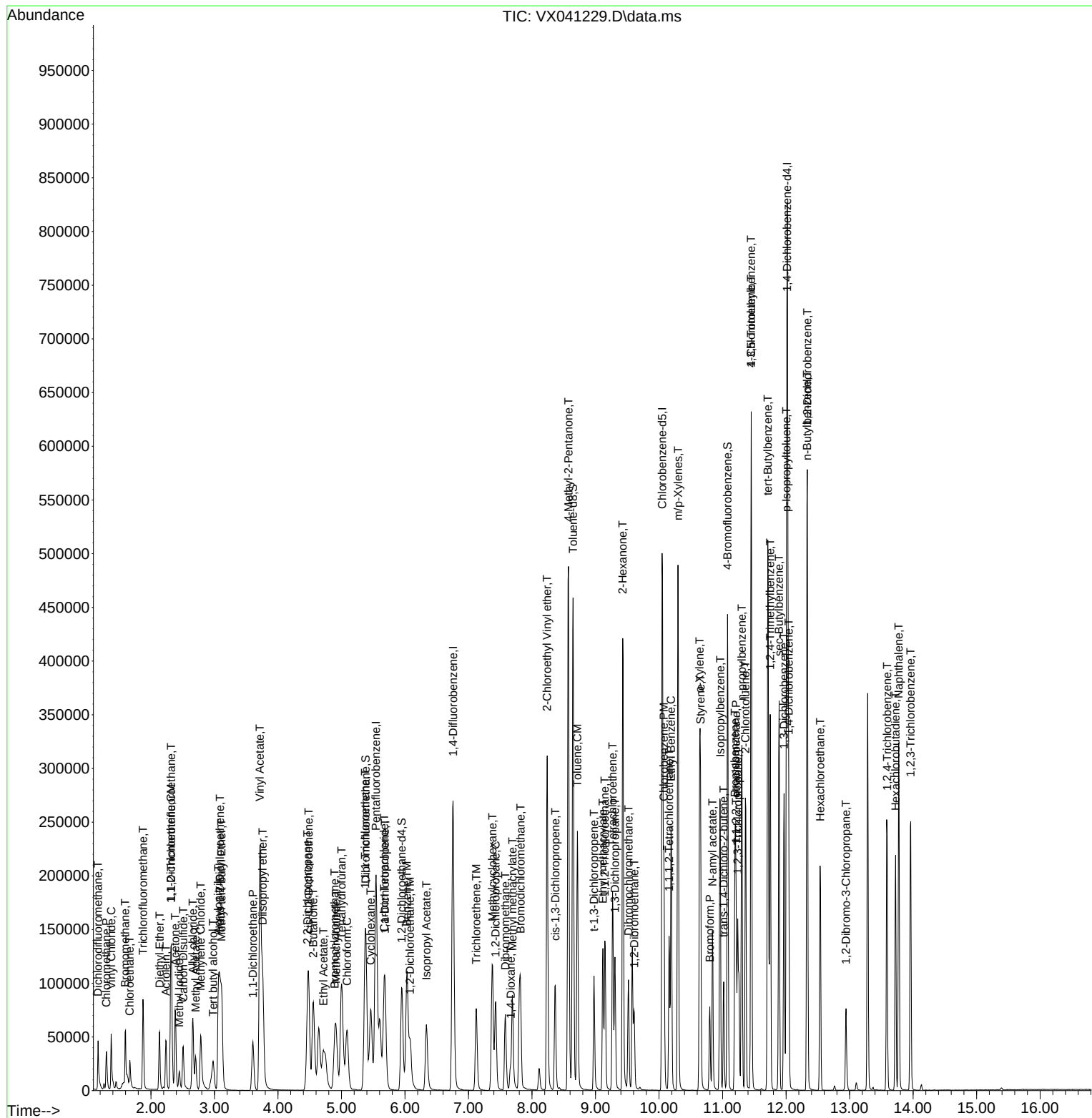
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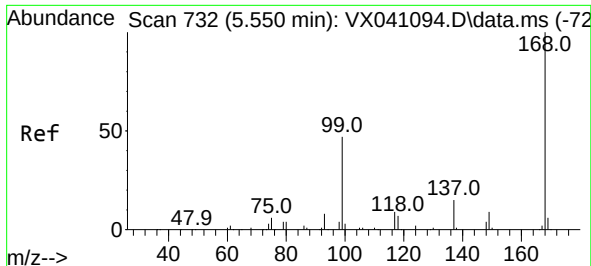
Instrument :
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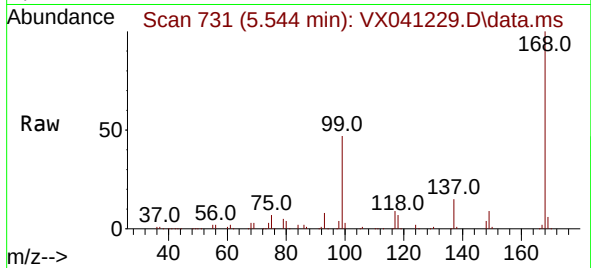
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
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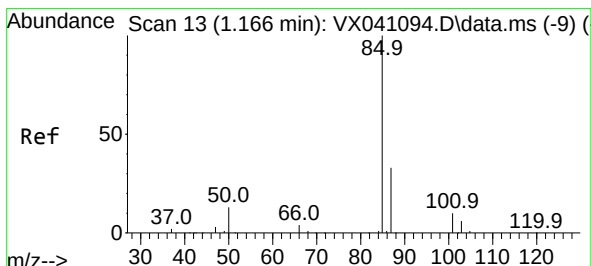
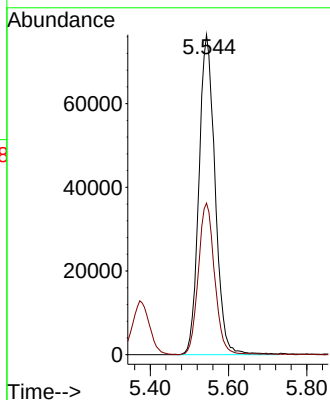
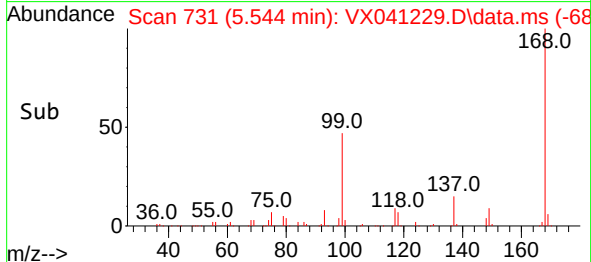
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion:168 Resp: 218715
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0

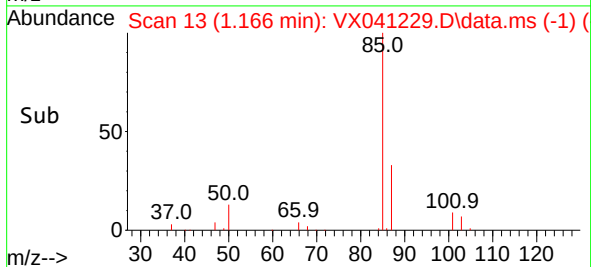
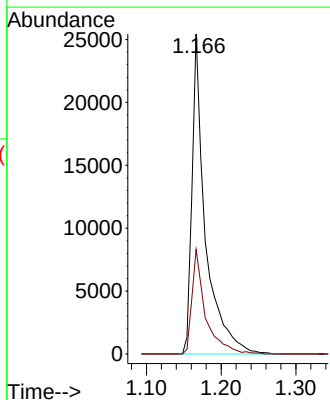
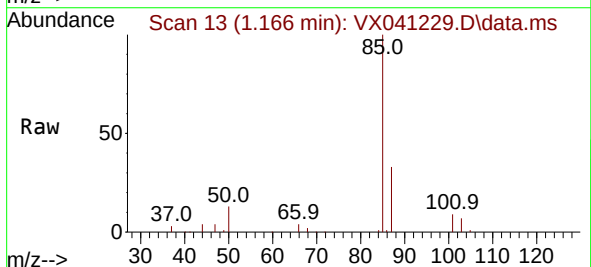
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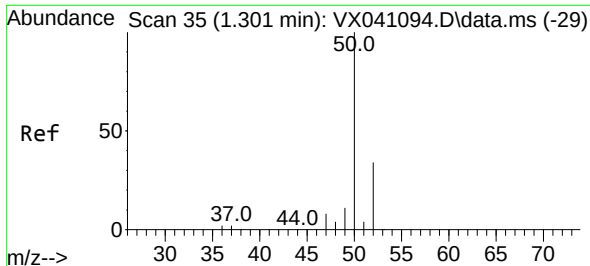
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#2
Dichlorodifluoromethane
Concen: 18.199 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 85 Resp: 31482
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





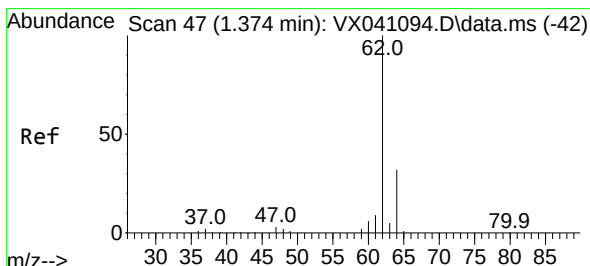
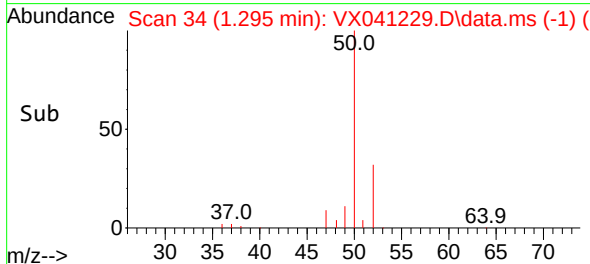
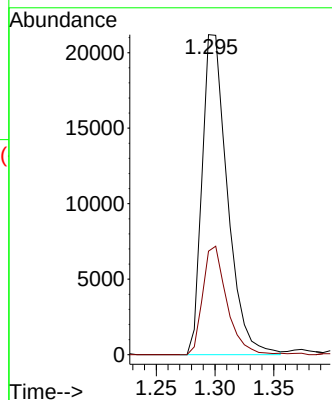
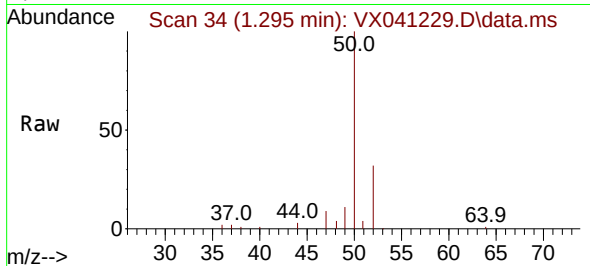
#3
Chloromethane
Concen: 16.980 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041229.D
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Instrument :
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Tgt Ion: 50 Resp: 3180
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

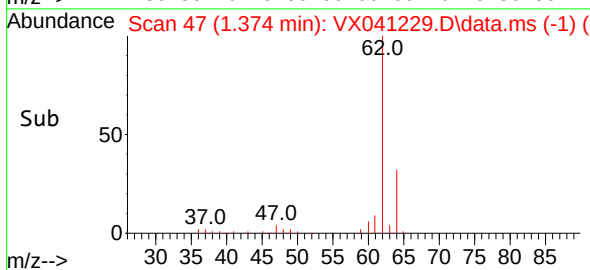
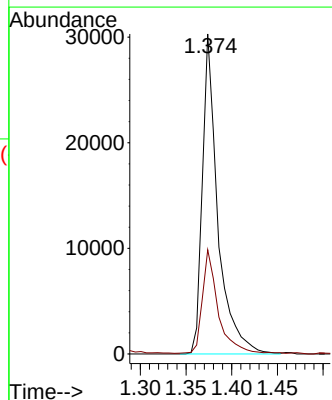
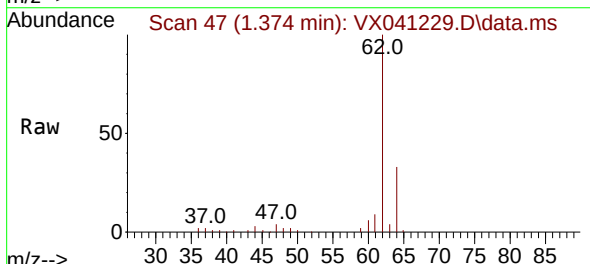
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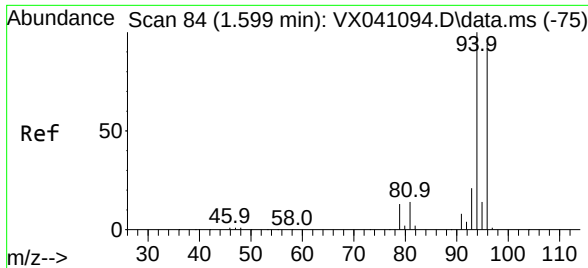
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#4
Vinyl Chloride
Concen: 18.963 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

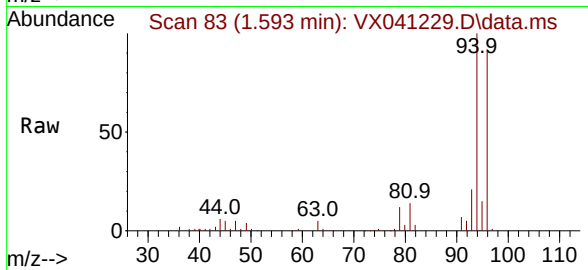
Tgt Ion: 62 Resp: 35517
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 19.048 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041229.D
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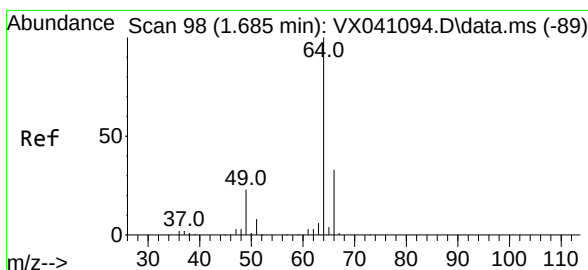
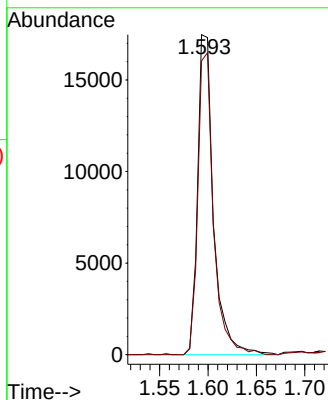
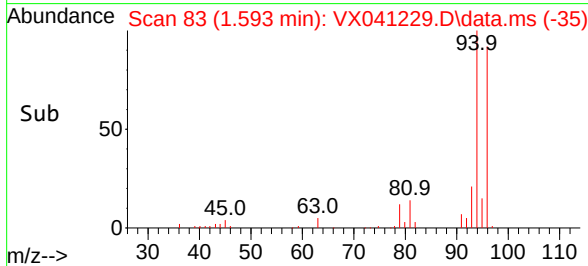
Instrument :
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Tgt Ion: 94 Resp: 2008
Ion Ratio Lower Upper
94 100
96 91.8 74.6 111.8

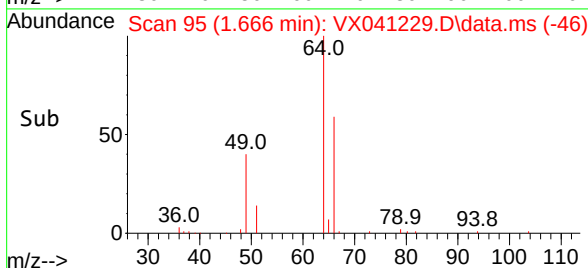
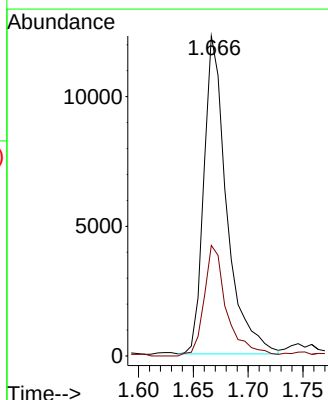
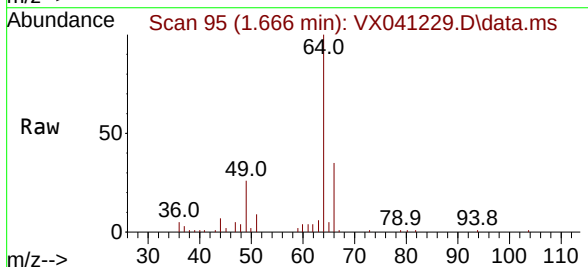
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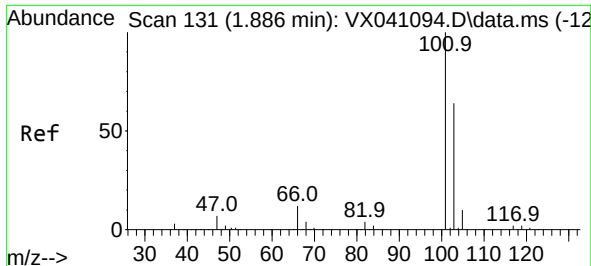
Reviewed By :John Carlone 04/25/2024
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#6
Chloroethane
Concen: 24.970 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041229.D
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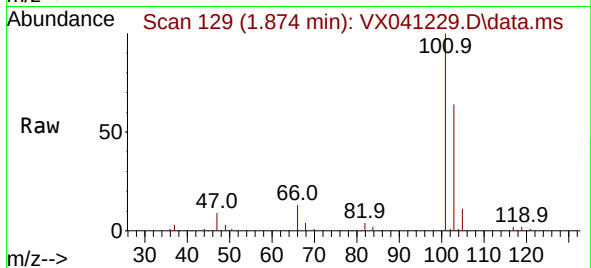
Tgt Ion: 64 Resp: 17767
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.037 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX041229.D
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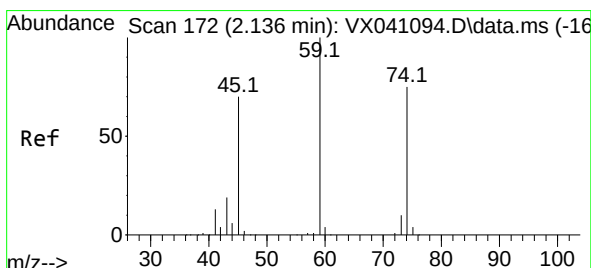
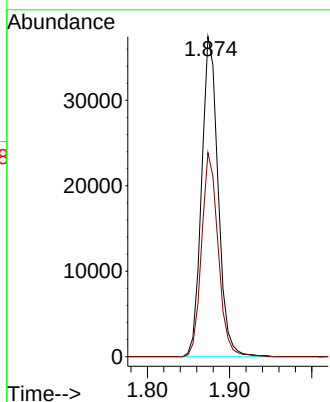
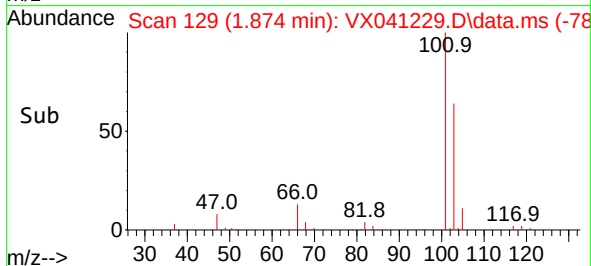
Instrument :
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Tgt Ion:101 Resp: 52349
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

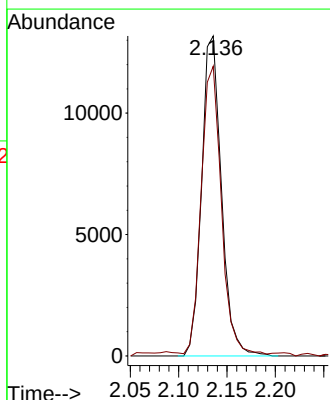
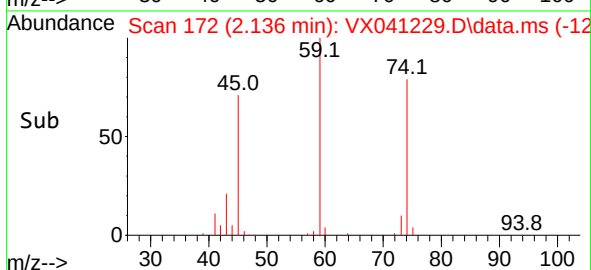
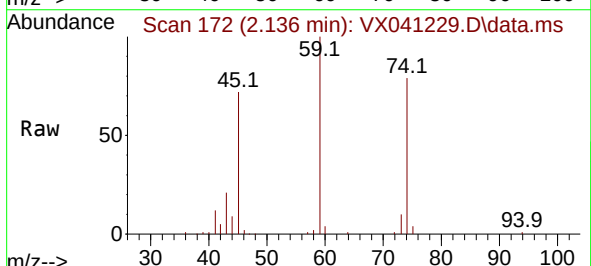
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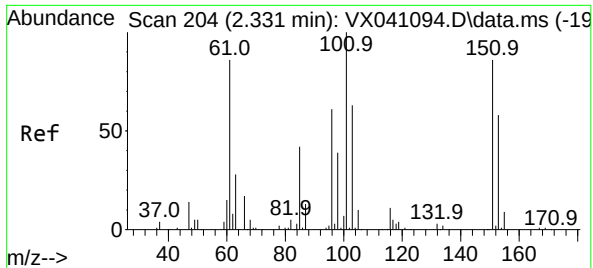
Reviewed By :John Carlone 04/25/2024
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#8
Diethyl Ether
Concen: 17.570 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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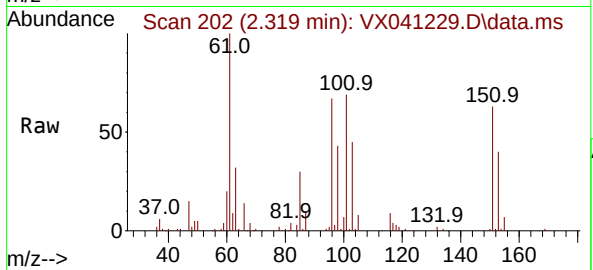
Tgt Ion: 74 Resp: 18765
Ion Ratio Lower Upper
74 100
45 90.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.033 ug/l
RT: 2.319 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

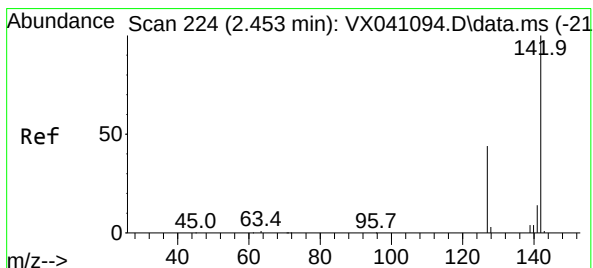
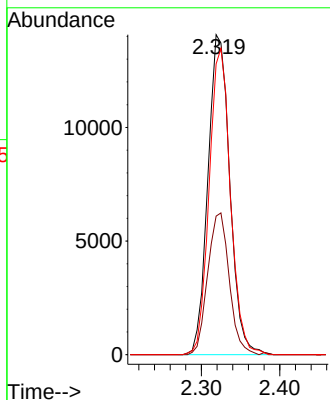
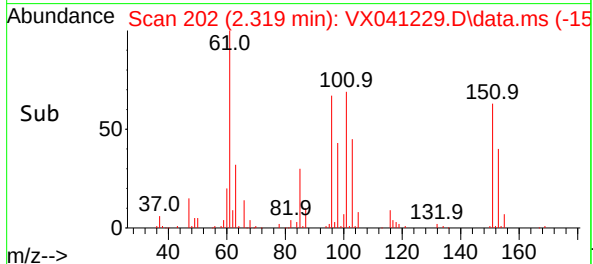
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



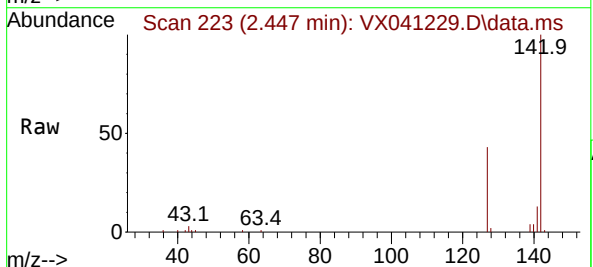
Tgt Ion:101 Resp: 27370
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 92.9 58.6 87.8

Manual Integrations
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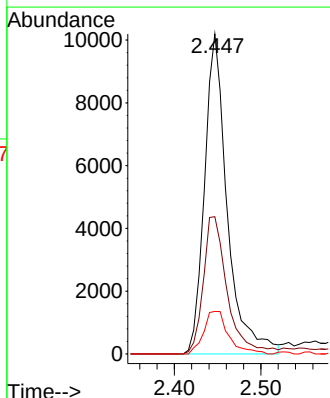
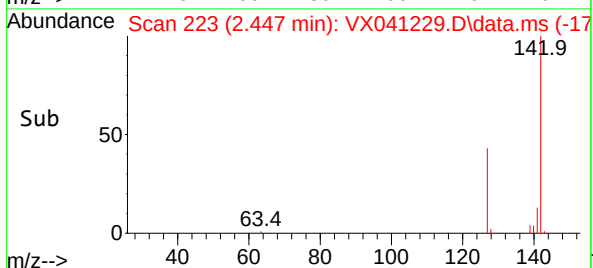
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

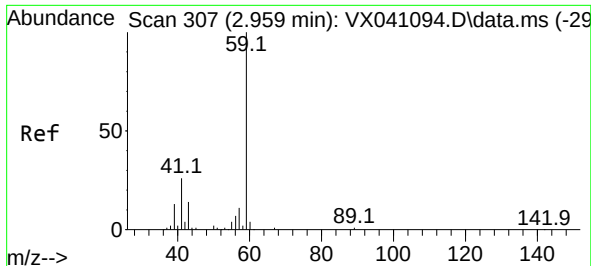


#10
Methyl Iodide
Concen: 9.018 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51



Tgt Ion:142 Resp: 18569
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 104.729 ug/l m

RT: 2.977 min Scan# 310

Delta R.T. -0.085 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 59 Resp: 3906

Ion Ratio Lower Upper

59 100

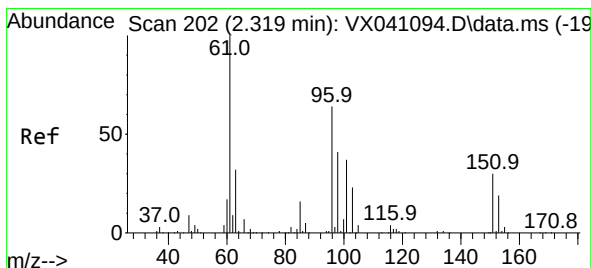
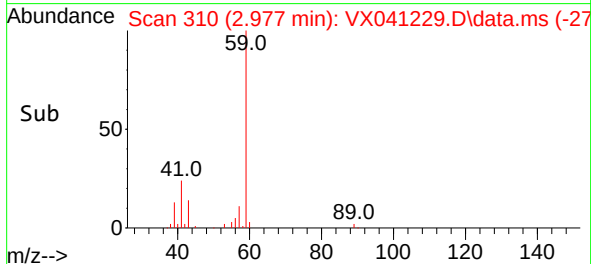
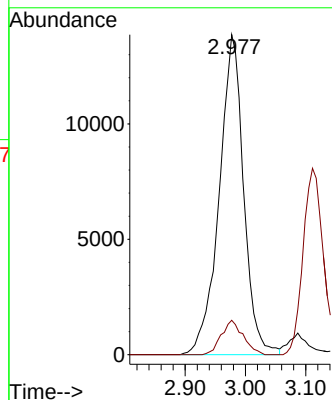
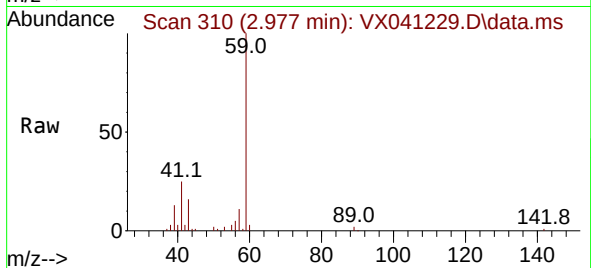
57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#12

1,1-Dichloroethene

Concen: 16.246 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

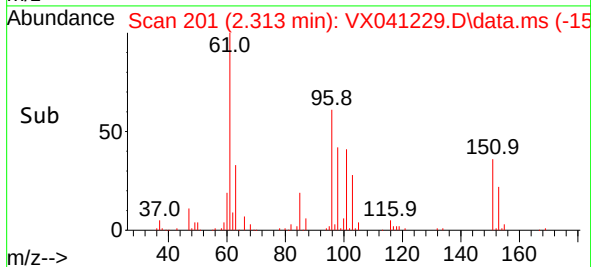
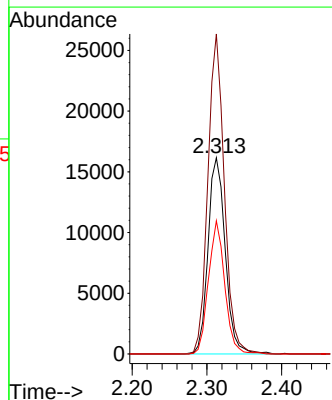
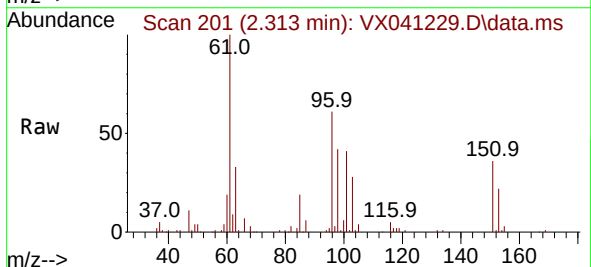
Tgt Ion: 96 Resp: 25895

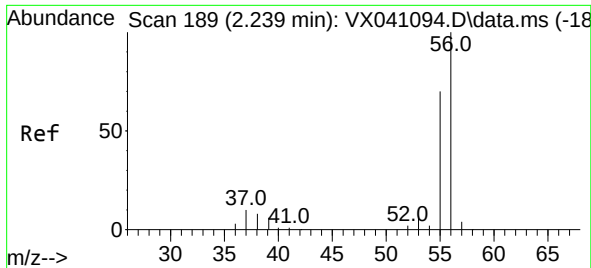
Ion Ratio Lower Upper

96 100

61 163.2 144.6 216.8

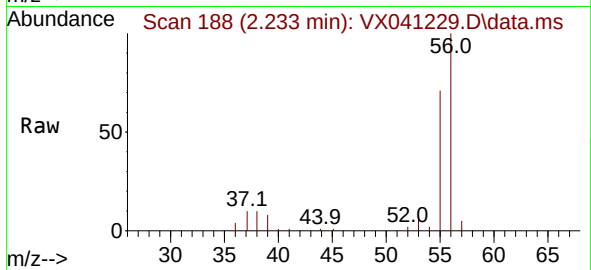
98 67.9 50.4 75.6





#13
Acrolein
Concen: 81.603 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

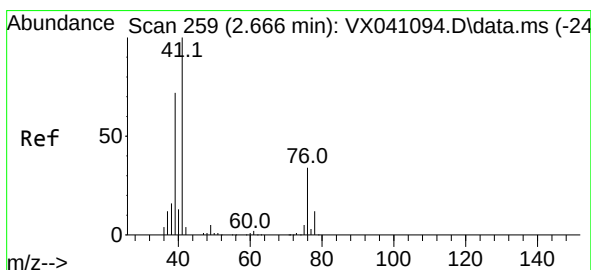
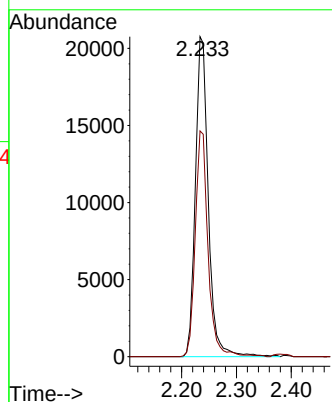
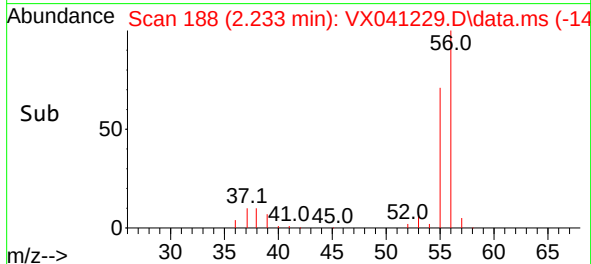
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 56 Resp: 3414
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

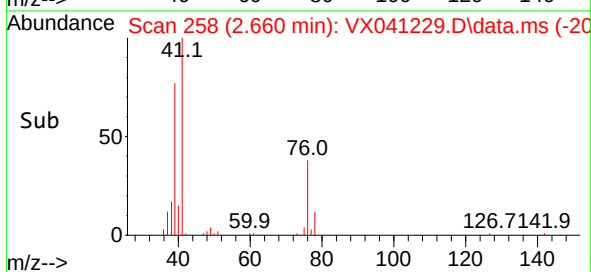
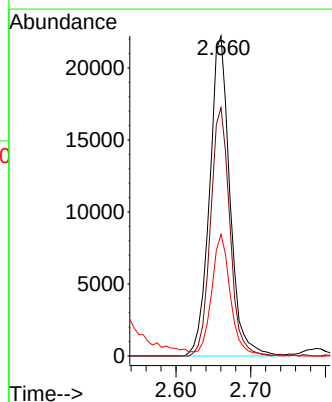
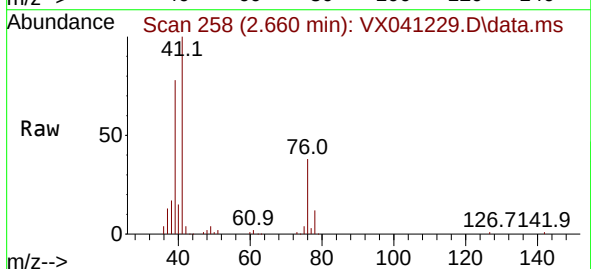
Manual Integrations
APPROVED

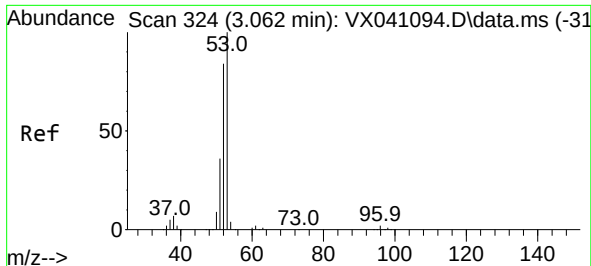
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#14
Allyl chloride
Concen: 16.224 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

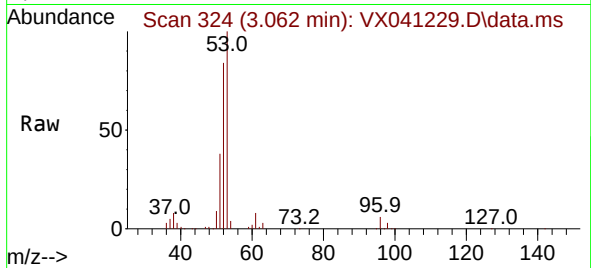
Tgt Ion: 41 Resp: 42010
Ion Ratio Lower Upper
41 100
39 73.7 55.8 83.6
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 83.885 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

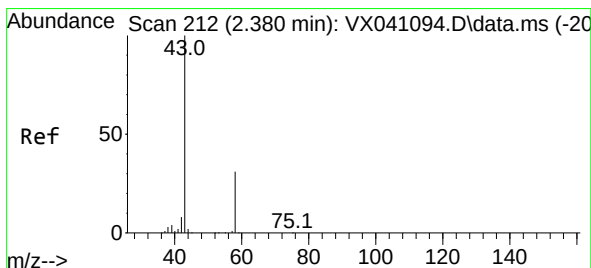
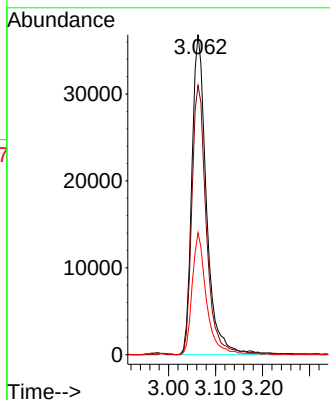
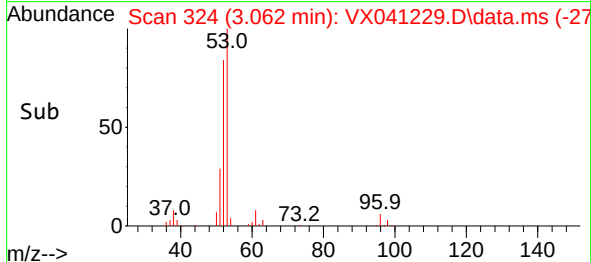
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 53 Resp: 7995
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 37.3 29.8 44.6

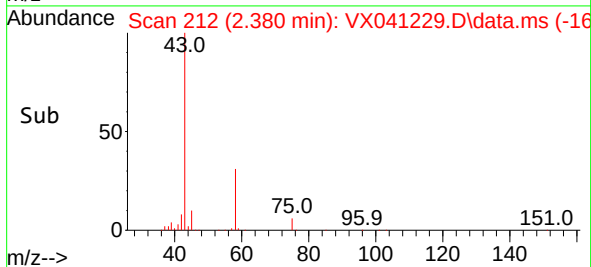
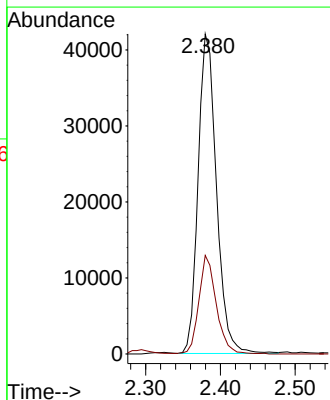
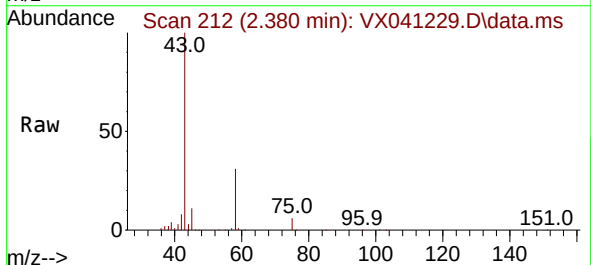
Manual Integrations
APPROVED

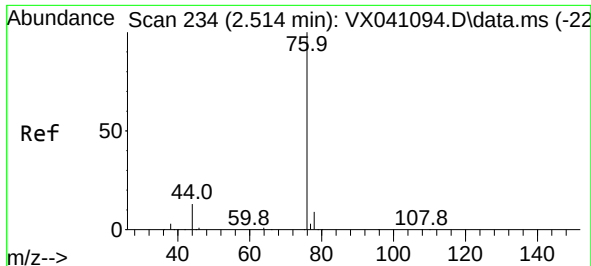
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#16
Acetone
Concen: 94.525 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 43 Resp: 71635
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17

Carbon Disulfide

Concen: 16.569 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 76 Resp: 5517

Ion Ratio Lower Upper

76 100

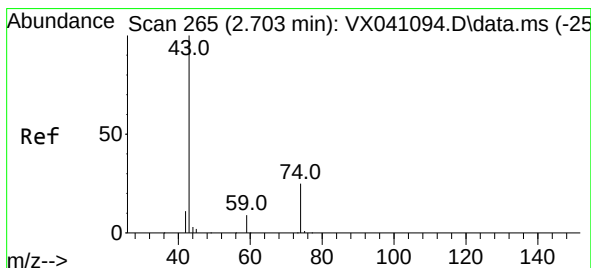
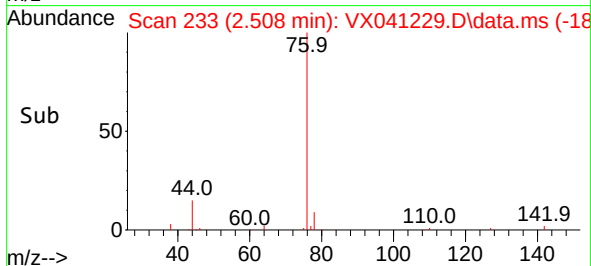
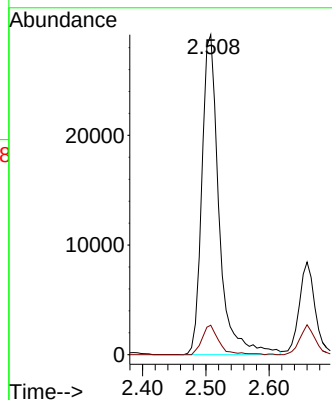
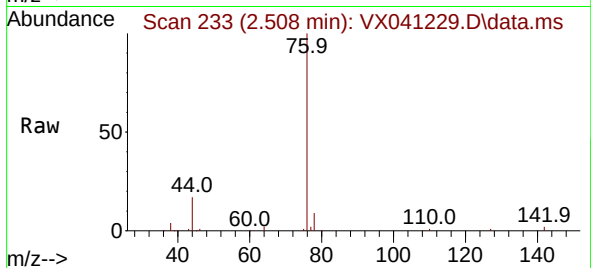
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#18

Methyl Acetate

Concen: 15.897 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX041229.D

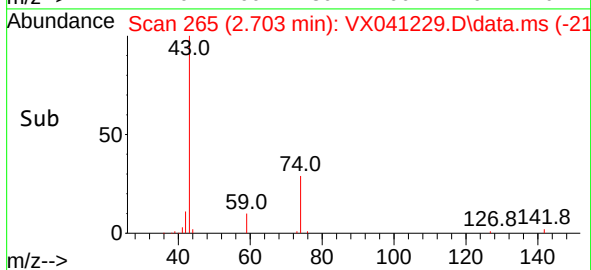
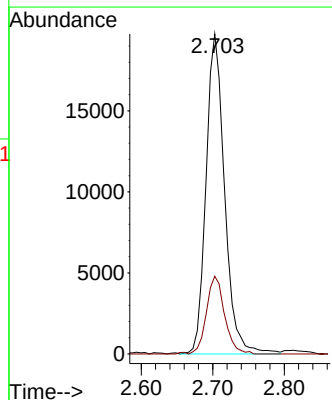
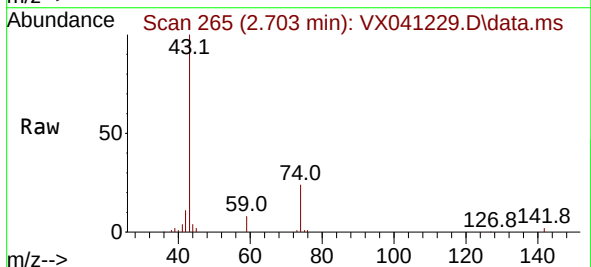
Acq: 24 Apr 2024 12:51

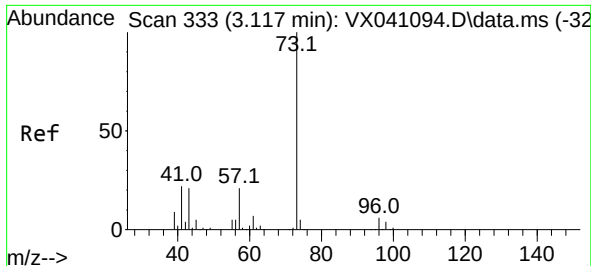
Tgt Ion: 43 Resp: 35639

Ion Ratio Lower Upper

43 100

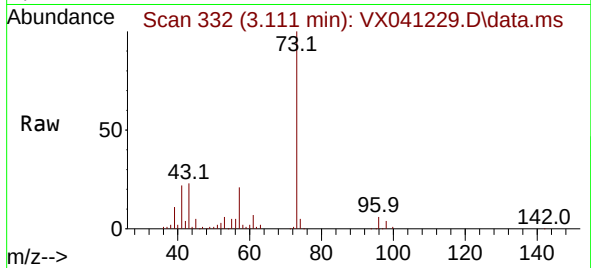
74 23.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 15.892 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

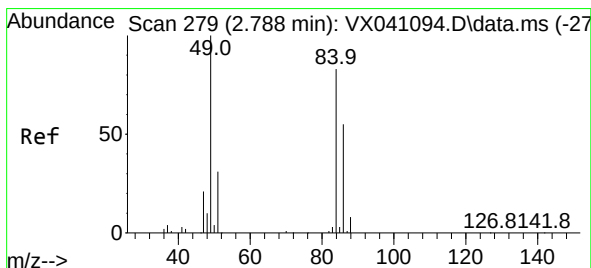
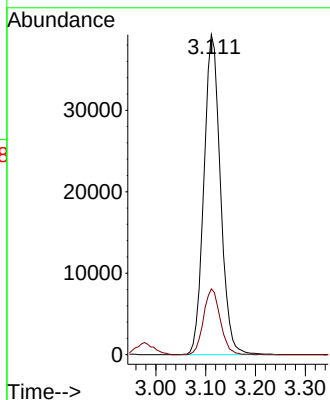
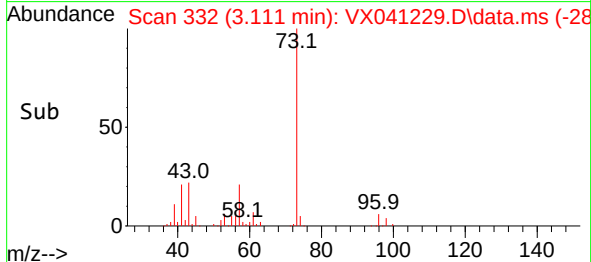
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 73 Resp: 90550
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

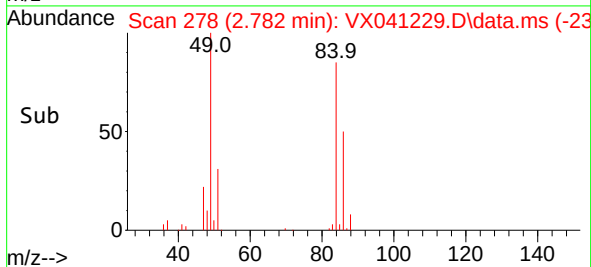
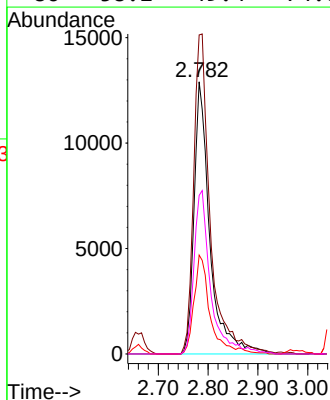
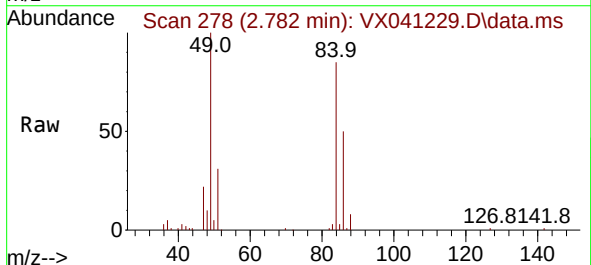
Manual Integrations
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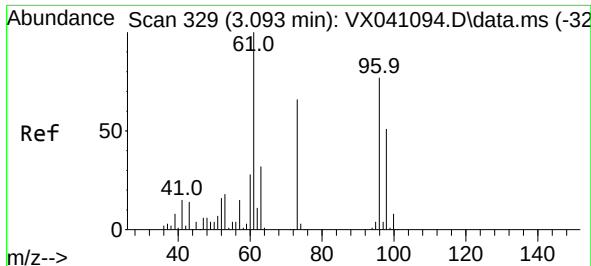
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#20
Methylene Chloride
Concen: 15.339 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

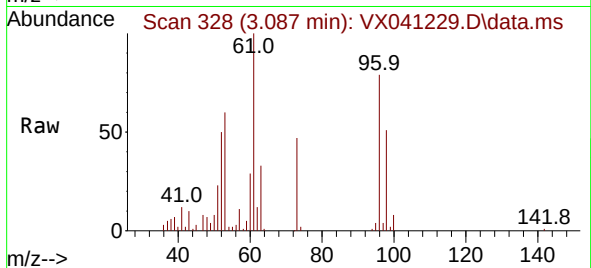
Tgt Ion: 84 Resp: 28390
Ion Ratio Lower Upper
84 100
49 117.2 103.6 155.4
51 36.3 33.8 50.6
86 58.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 14.826 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

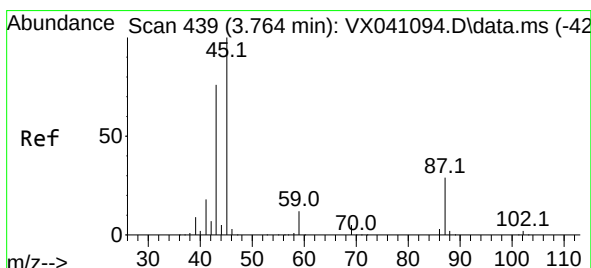
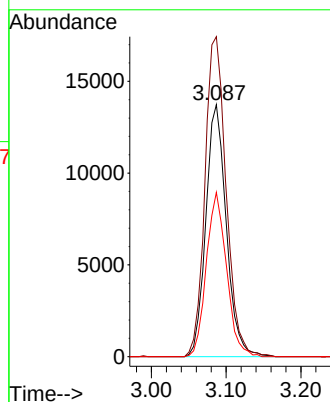
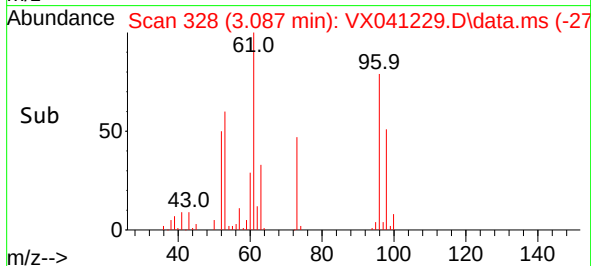
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 96 Resp: 2611
Ion Ratio Lower Upper
96 100
61 127.0 119.2 178.8
98 65.2 48.7 73.1

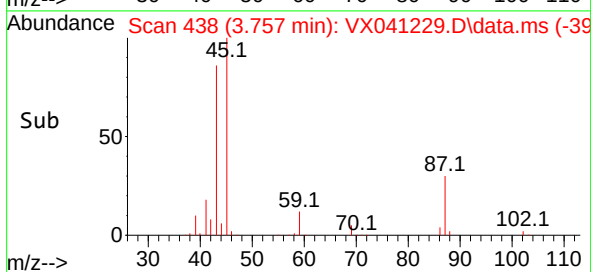
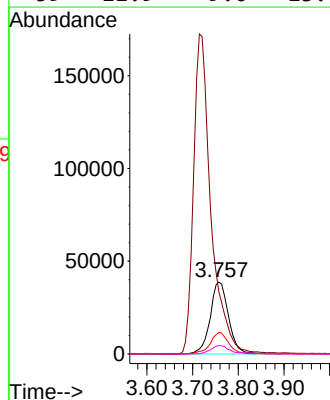
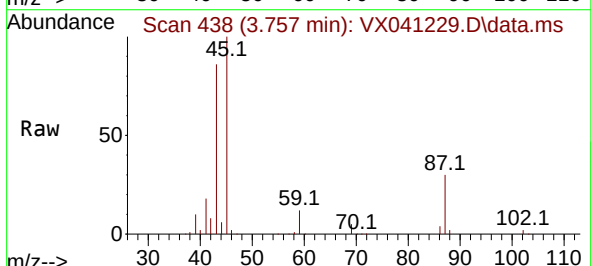
Manual Integrations
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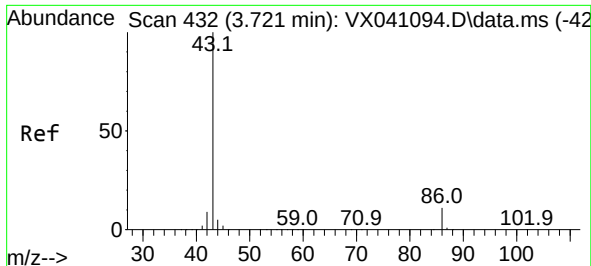
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#22
Diisopropyl ether
Concen: 19.353 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 45 Resp: 108347
Ion Ratio Lower Upper
45 100
43 85.7 69.7 104.5
87 30.0 20.8 31.2
59 11.9 9.0 13.4





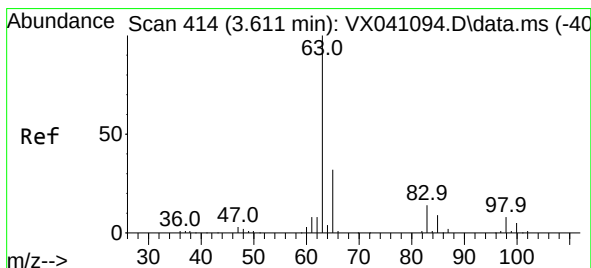
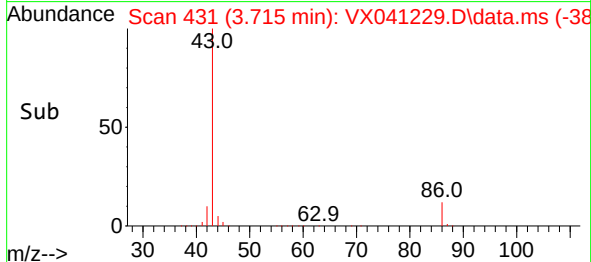
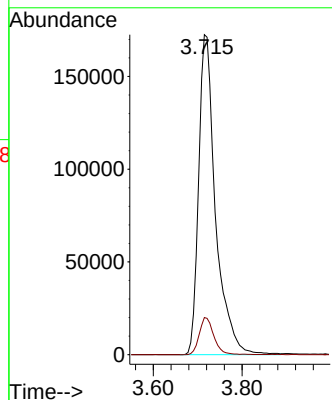
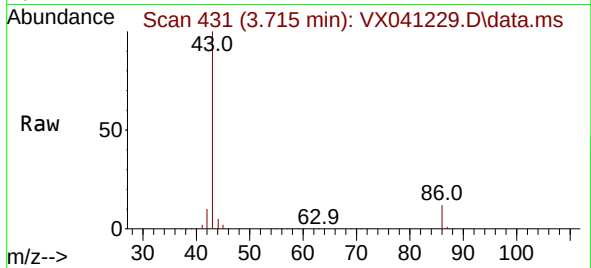
#23
 Vinyl Acetate
 Concen: 95.517 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX041229.D
 Acq: 24 Apr 2024 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tgt Ion: 43 Resp: 457475
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

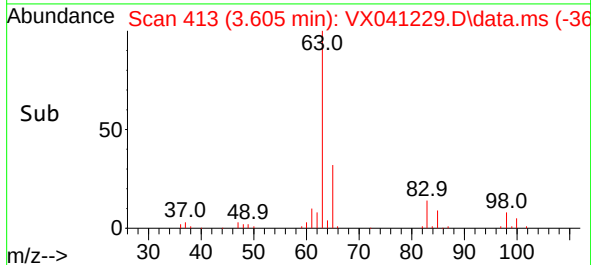
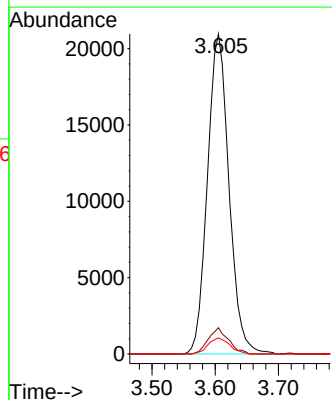
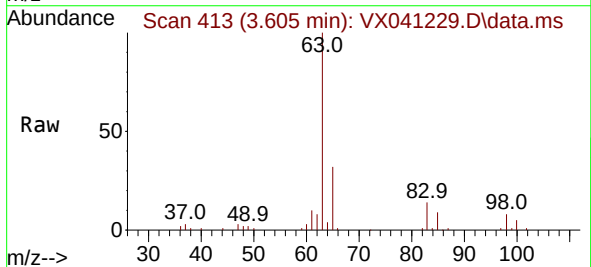
Manual Integrations
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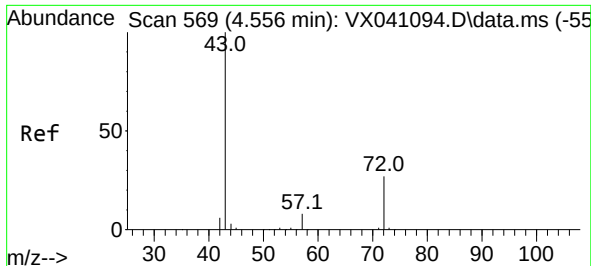
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024



#24
 1,1-Dichloroethane
 Concen: 15.875 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041229.D
 Acq: 24 Apr 2024 12:51

Tgt Ion: 63 Resp: 49681
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 112.230 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 43 Resp: 14525

Ion Ratio Lower Upper

43 100

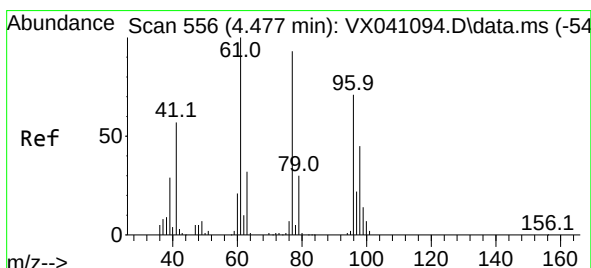
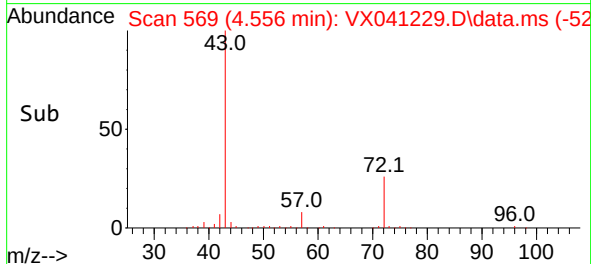
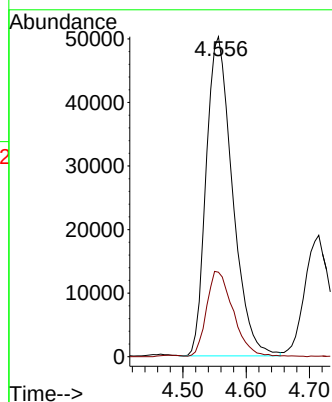
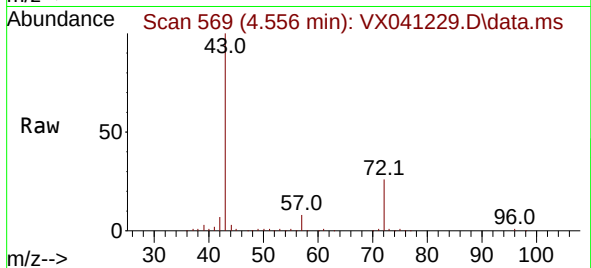
72 26.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#26

2,2-Dichloropropane

Concen: 19.721 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX041229.D

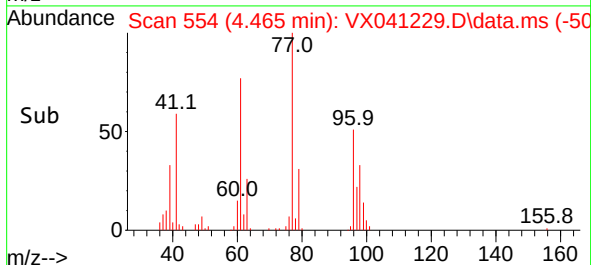
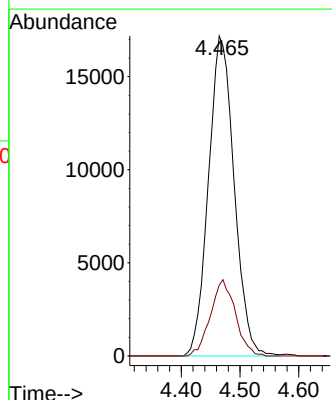
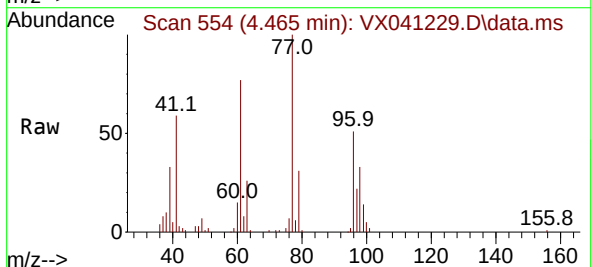
Acq: 24 Apr 2024 12:51

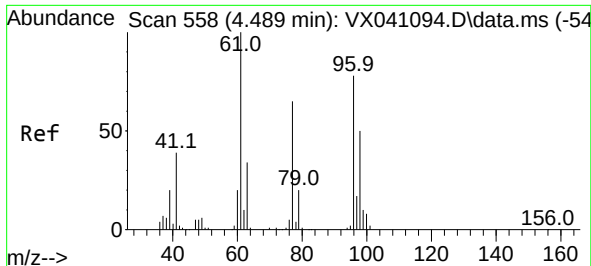
Tgt Ion: 77 Resp: 52160

Ion Ratio Lower Upper

77 100

97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.360 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 96 Resp: 42269

Ion Ratio Lower Upper

96 100

61 137.2 0.0 312.2

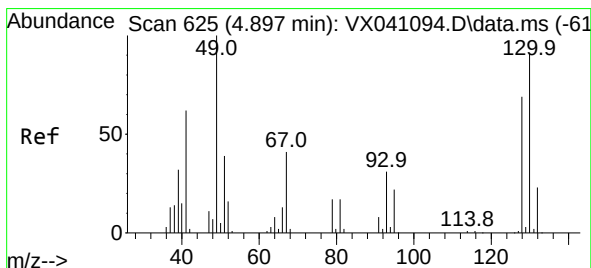
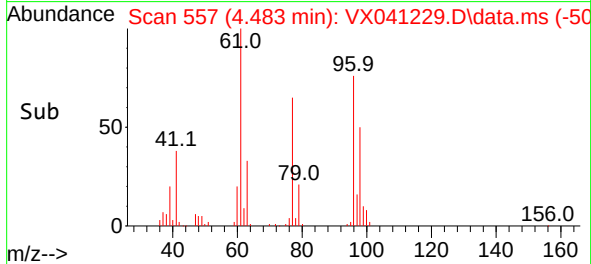
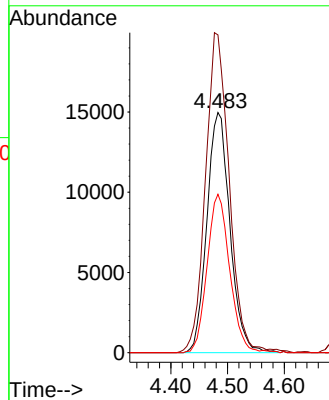
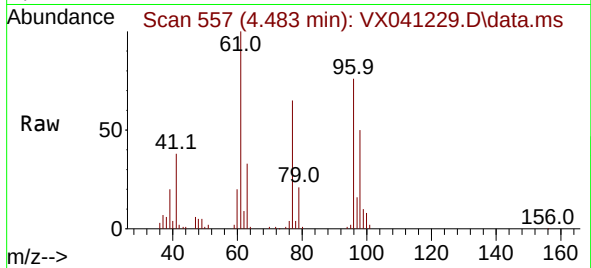
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#28

Bromochloromethane

Concen: 20.549 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

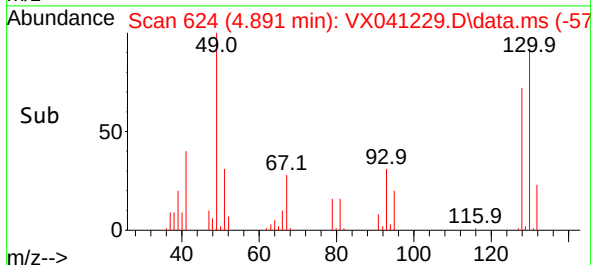
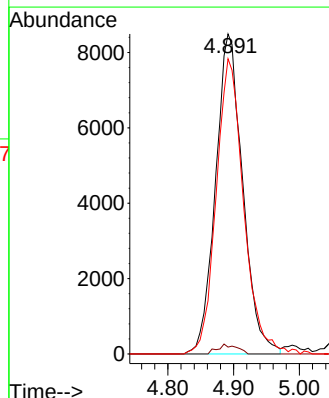
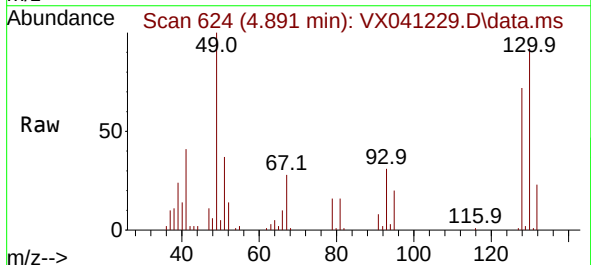
Tgt Ion: 49 Resp: 24404

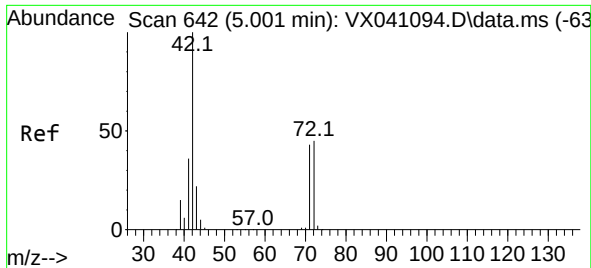
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

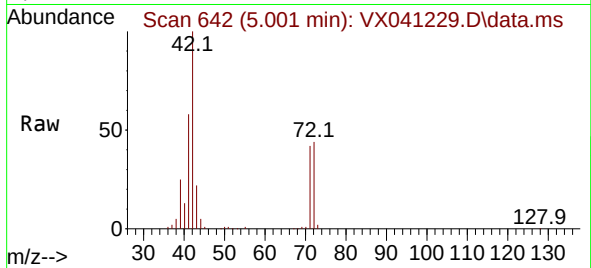
130 93.3 57.5 86.3#





#29
Tetrahydrofuran
Concen: 108.488 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.012 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

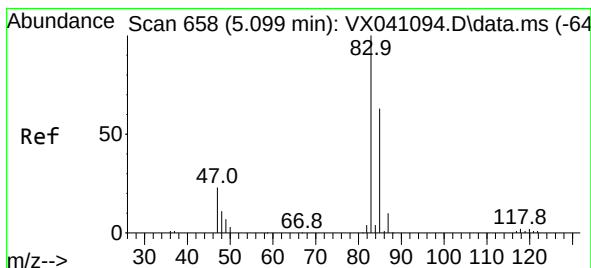
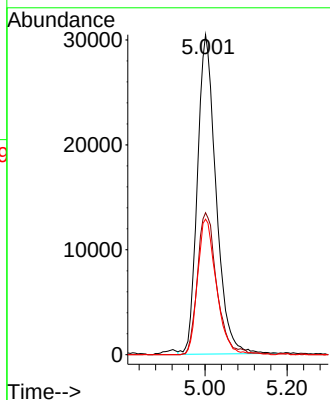
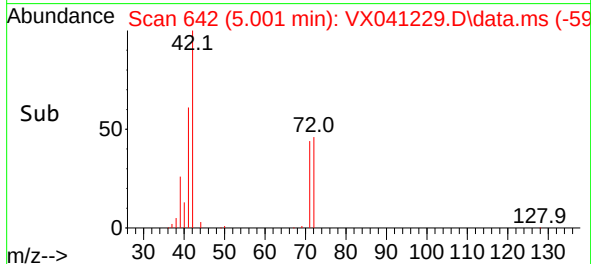
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 42 Resp: 9565
Ion Ratio Lower Upper
42 100
72 46.1 34.2 51.4
71 42.7 32.2 48.2

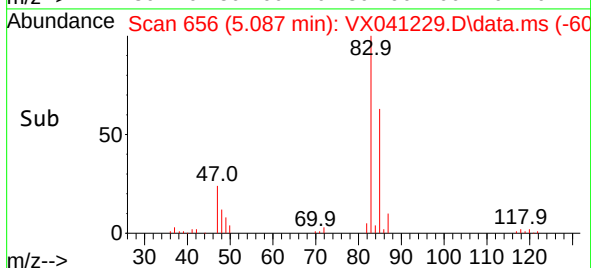
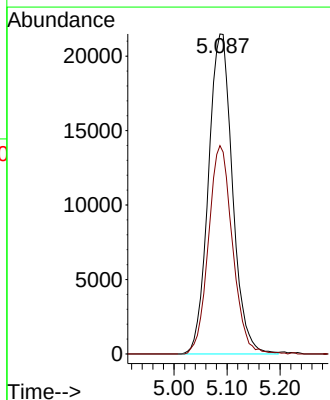
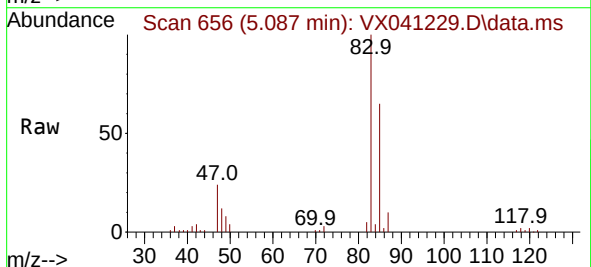
Manual Integrations
APPROVED

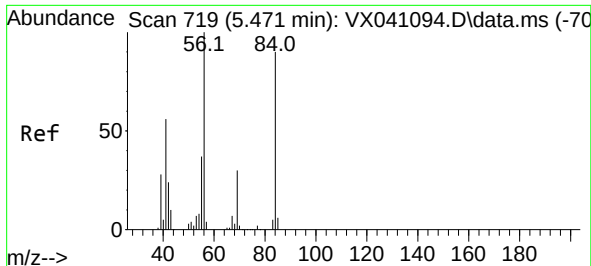
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#30
Chloroform
Concen: 20.158 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

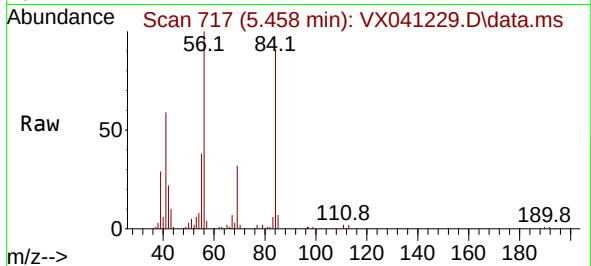
Tgt Ion: 83 Resp: 67711
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5





#31
Cyclohexane
Concen: 18.258 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

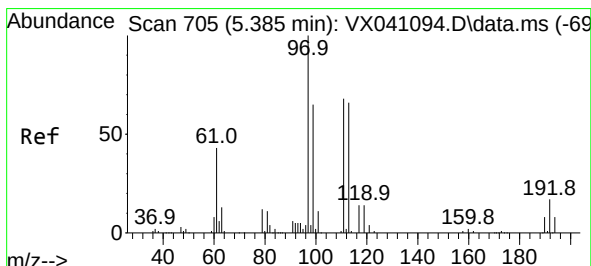
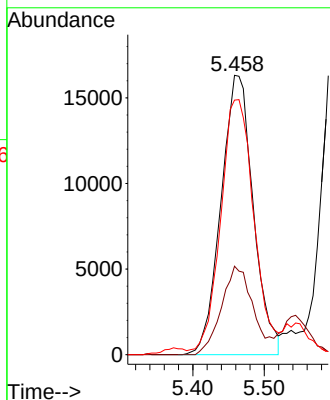
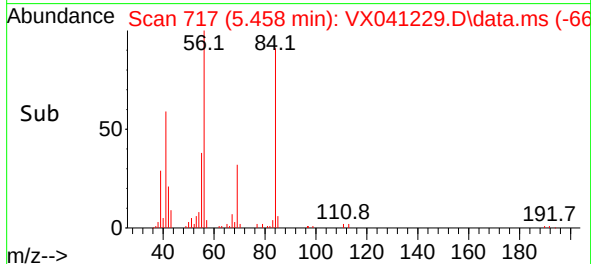
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 56 Resp: 51160
Ion Ratio Lower Upper
56 100
69 31.7 23.4 35.2
84 89.0 65.9 98.9

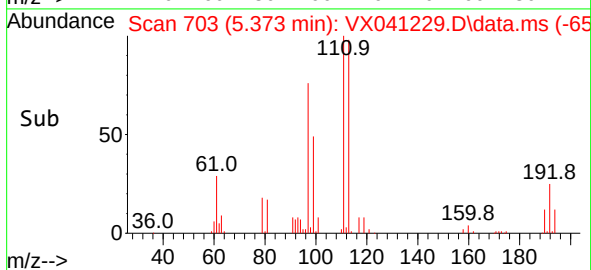
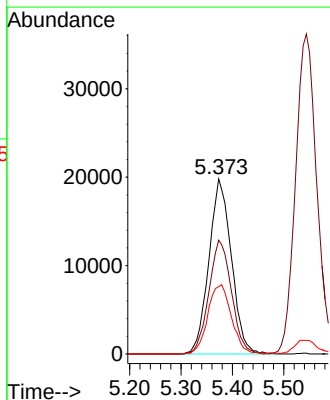
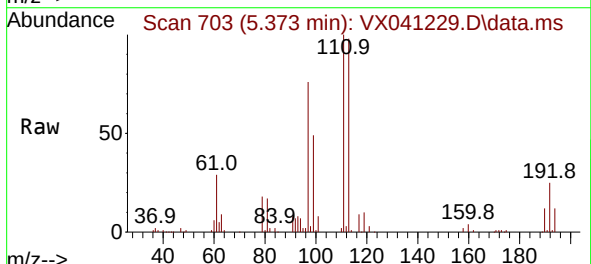
Manual Integrations
APPROVED

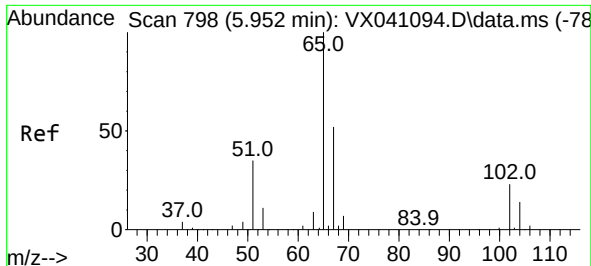
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#32
1,1,1-Trichloroethane
Concen: 19.967 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 97 Resp: 60125
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 41.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.669 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 65 Resp: 9508

Ion Ratio Lower Upper

65 100

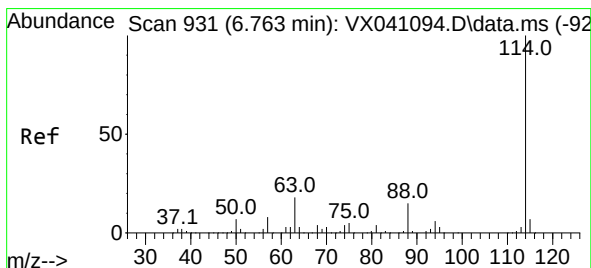
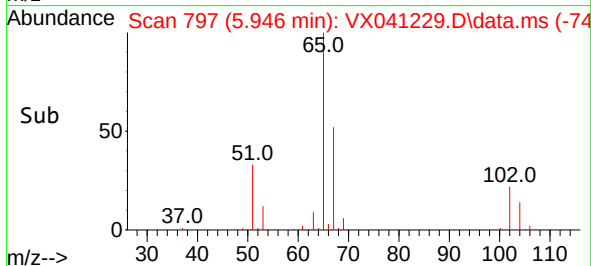
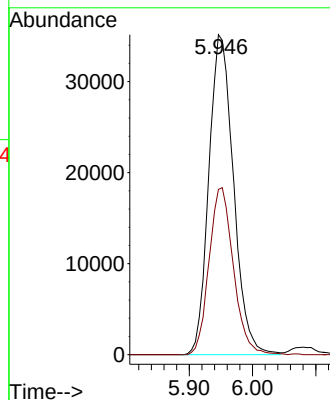
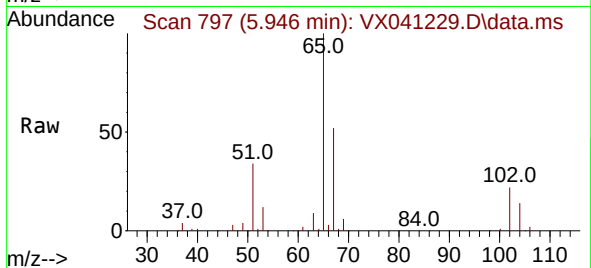
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

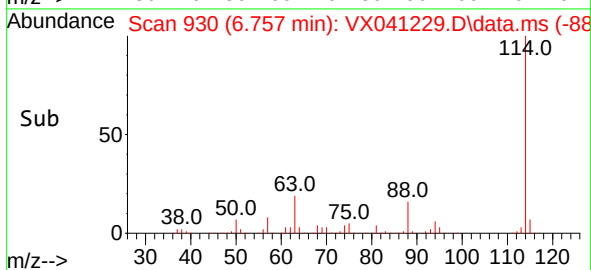
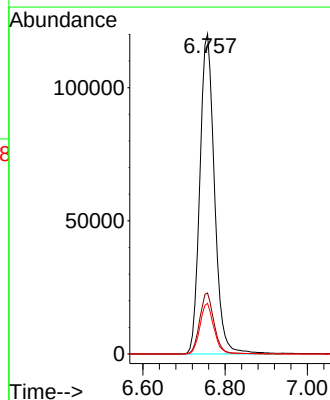
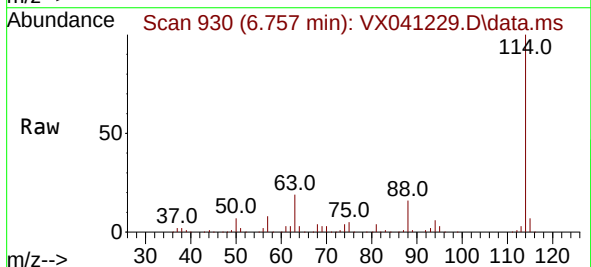
Tgt Ion:114 Resp: 296602

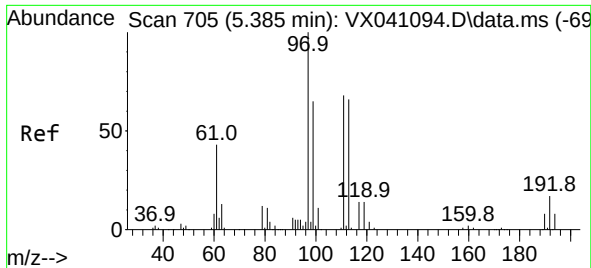
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

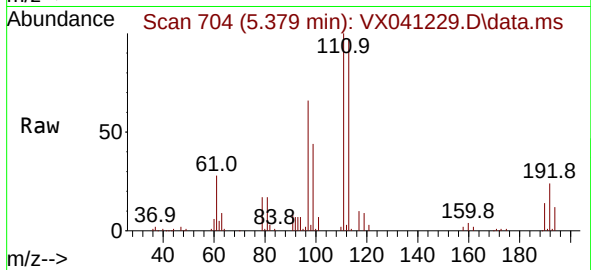
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.611 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

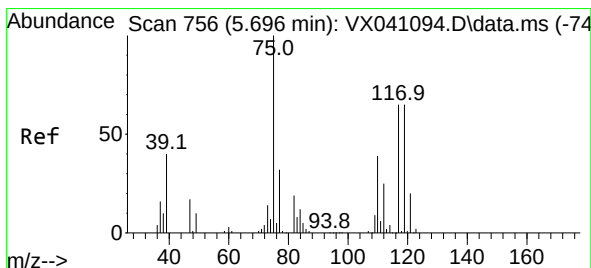
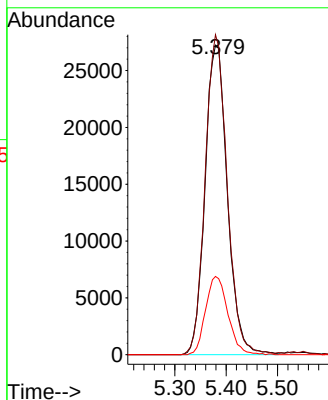
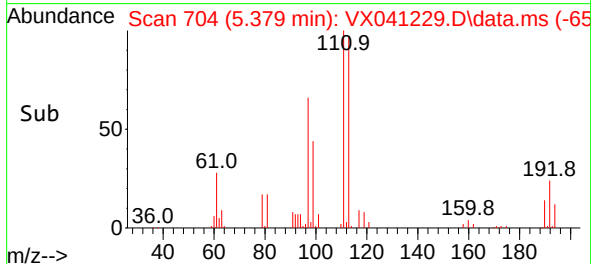
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion:113 Resp: 8229
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.2 13.3 19.9

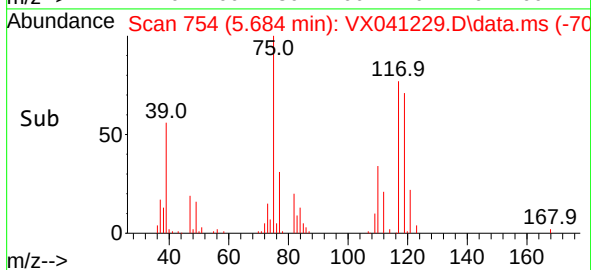
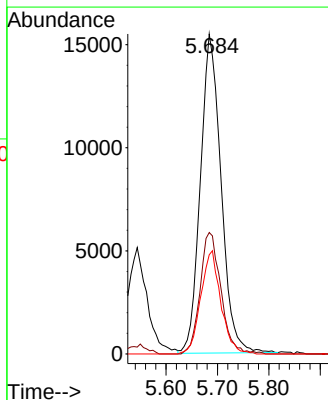
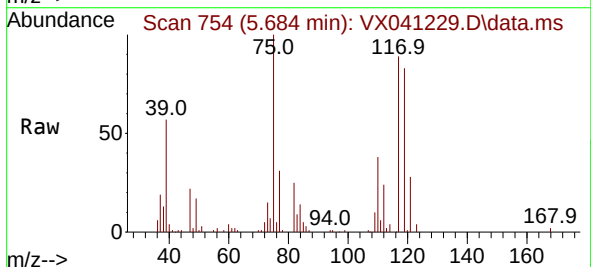
Manual Integrations
APPROVED

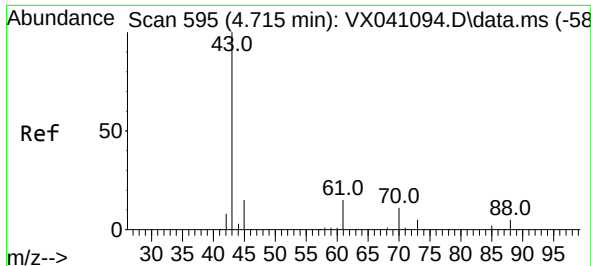
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#36
1,1-Dichloropropene
Concen: 18.738 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

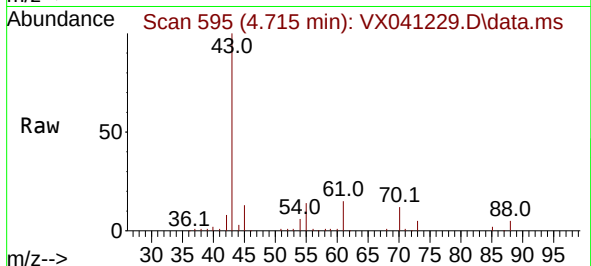
Tgt Ion: 75 Resp: 43256
Ion Ratio Lower Upper
75 100
110 38.3 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 22.618 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

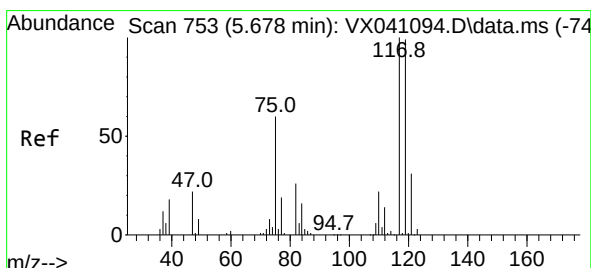
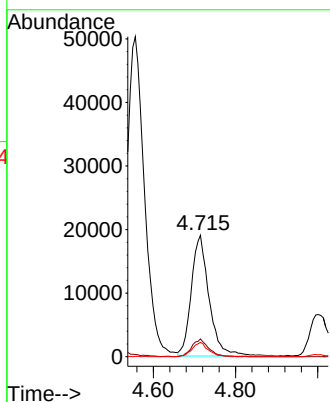
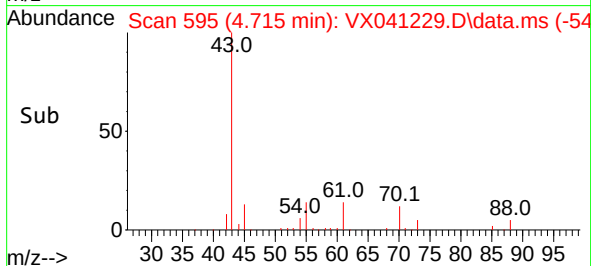
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 43 Resp: 57280
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.7 8.3 12.5

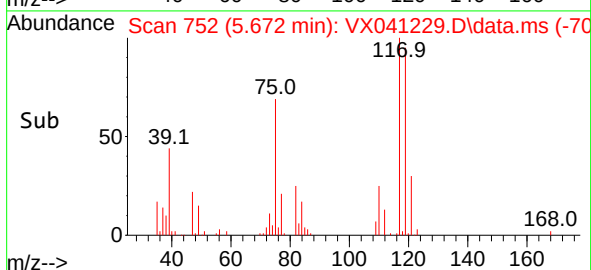
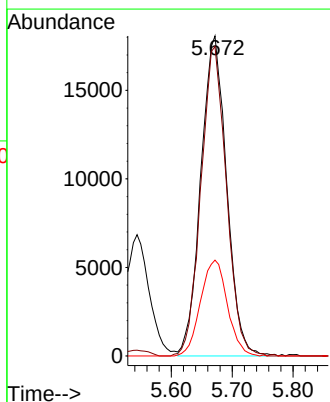
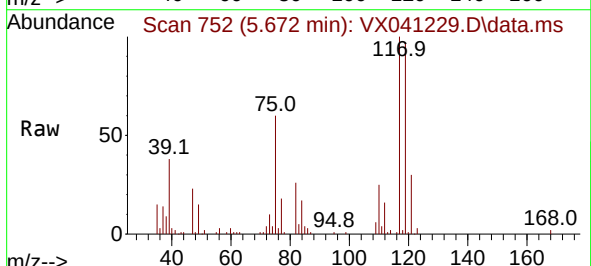
Manual Integrations
APPROVED

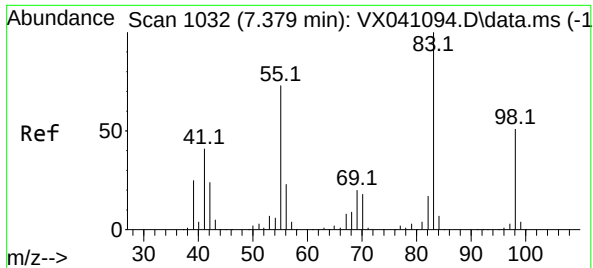
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#38
Carbon Tetrachloride
Concen: 20.630 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion:117 Resp: 53192
Ion Ratio Lower Upper
117 100
119 96.7 78.2 117.2
121 30.0 24.4 36.6





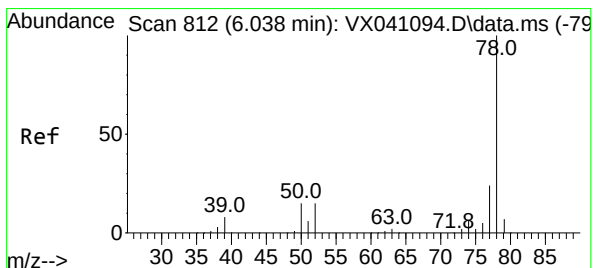
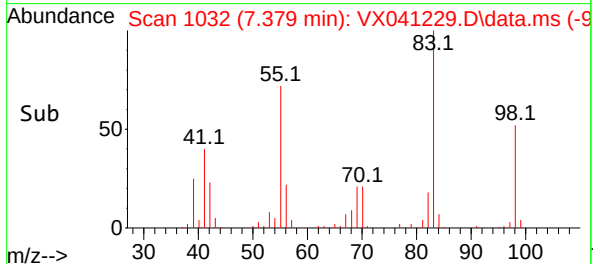
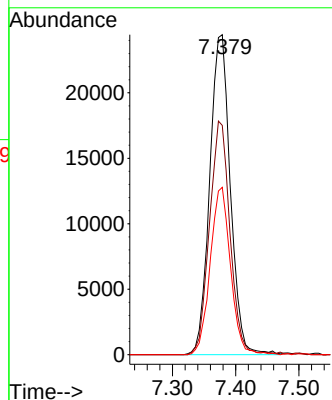
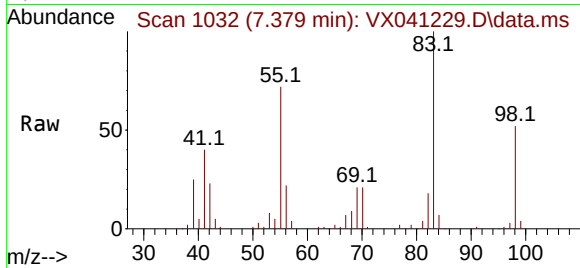
#39
Methylcyclohexane
Concen: 18.110 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion: 83 Resp: 55452
Ion Ratio Lower Upper
83 100
55 71.7 64.6 97.0
98 52.3 36.7 55.1

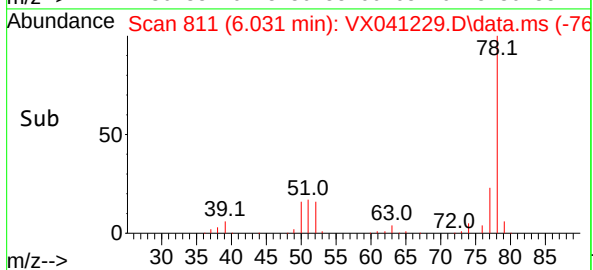
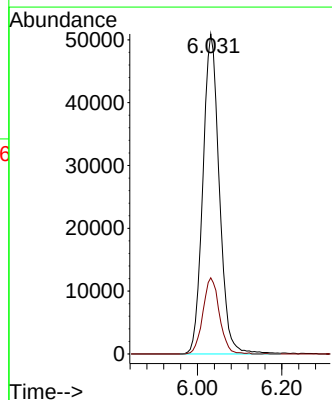
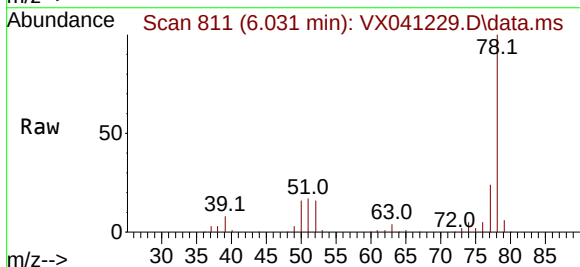
Manual Integrations
APPROVED

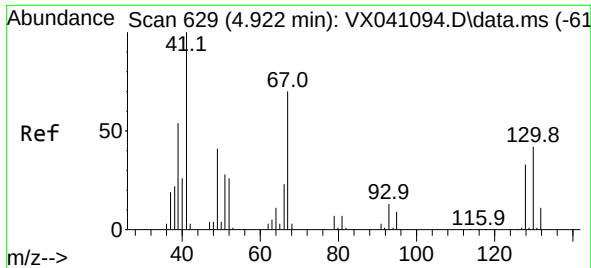
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#40
Benzene
Concen: 19.427 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

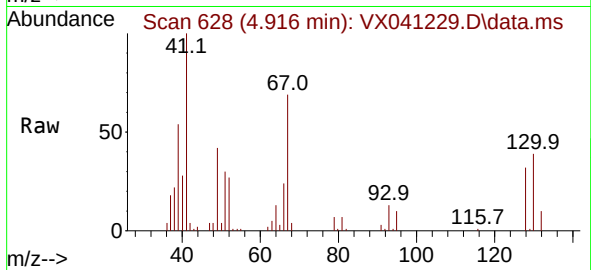
Tgt Ion: 78 Resp: 138505
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 22.845 ug/l
RT: 4.916 min Scan# 612
Delta R.T. -0.012 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

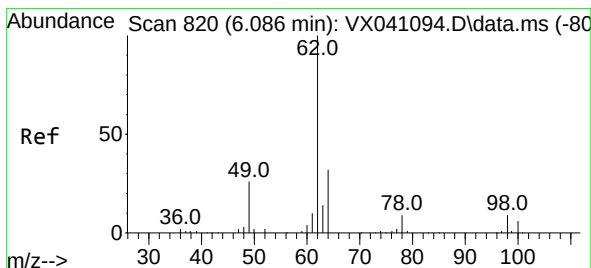
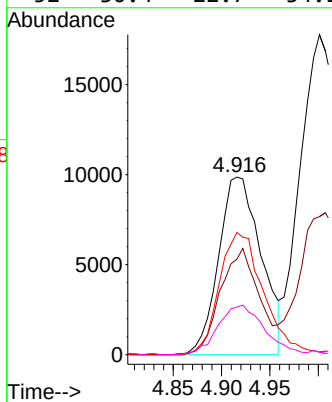
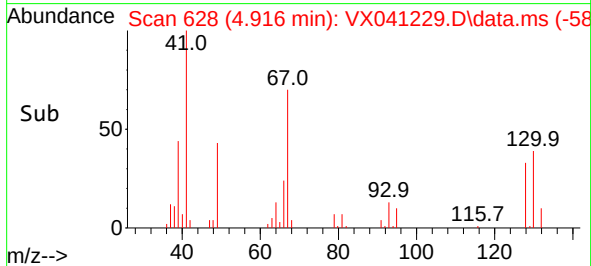
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion:	41	Resp:	3012
Ion Ratio	100	Lower	Upper
39	53.5	45.2	67.8
67	72.0	52.6	78.8
52	30.4	22.7	34.1

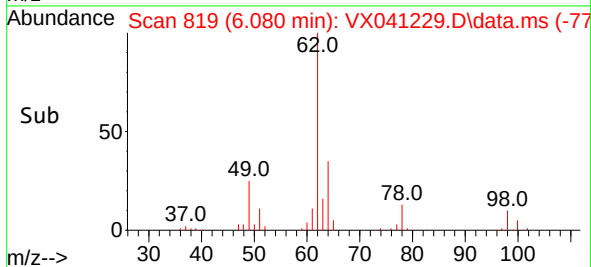
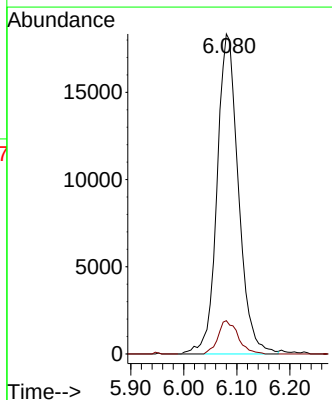
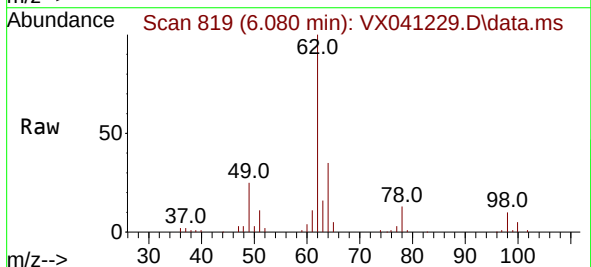
Manual Integrations
APPROVED

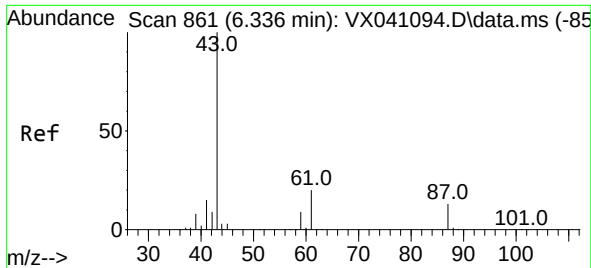
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#42
1,2-Dichloroethane
Concen: 20.796 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion:	62	Resp:	51409
Ion Ratio	100	Lower	Upper
98	9.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 20.671 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX041229.D

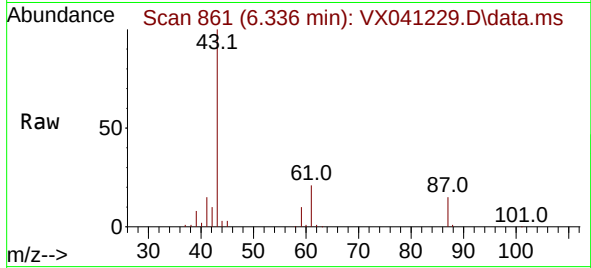
Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01



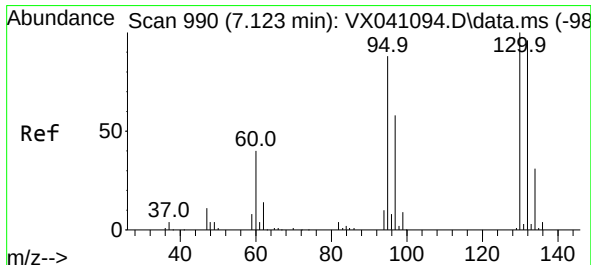
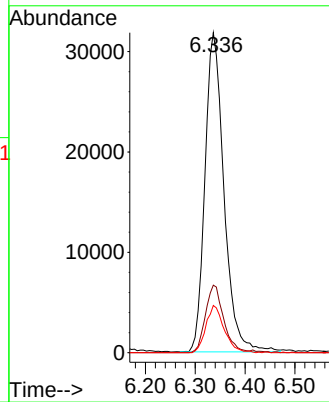
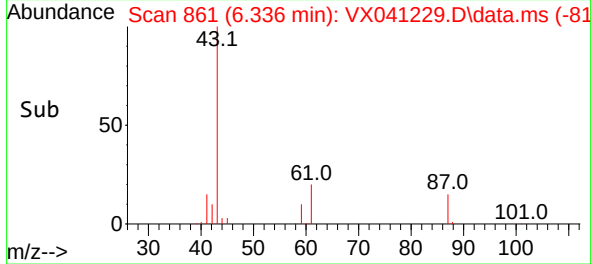
Tgt Ion: 43	Resp: 84330
Ion Ratio	Lower Upper
43	100
61	20.2 15.2 22.8
87	14.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#44

Trichloroethene

Concen: 15.489 ug/l

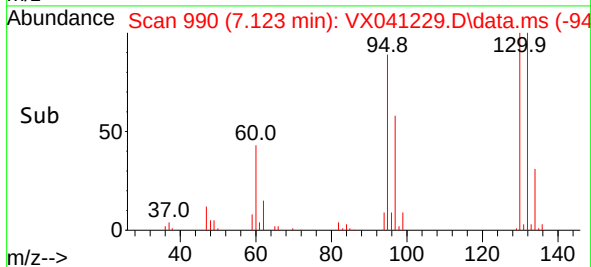
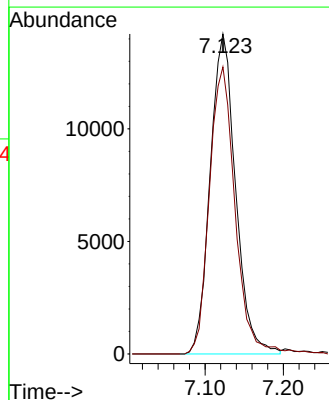
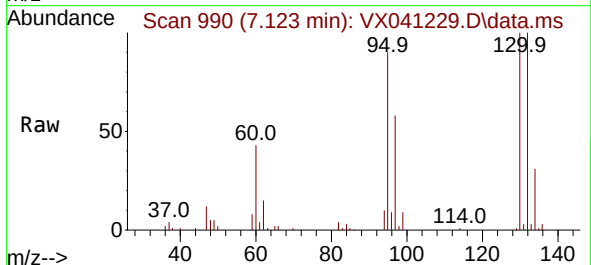
RT: 7.123 min Scan# 990

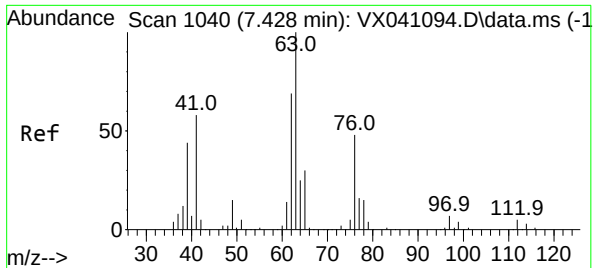
Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Tgt Ion:130	Resp: 32105
Ion Ratio	Lower Upper
130	100
95	89.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.717 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 63 Resp: 3370

Ion Ratio Lower Upper

63 100

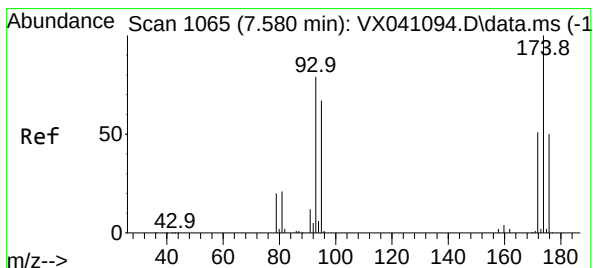
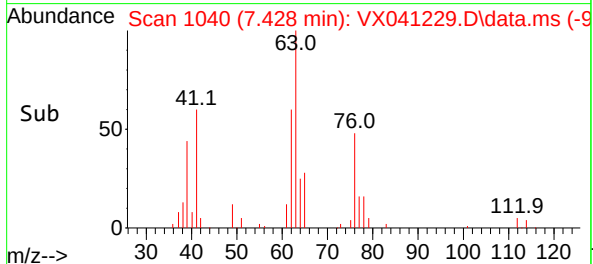
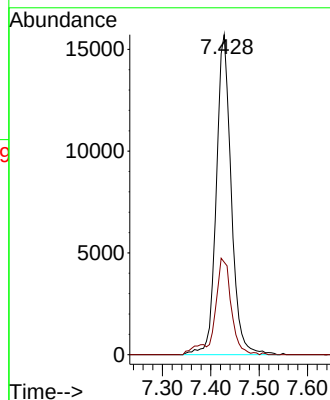
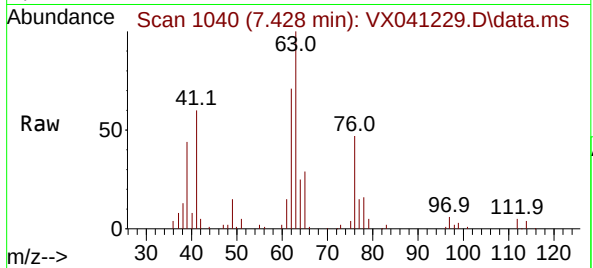
65 28.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#46

Dibromomethane

Concen: 20.548 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

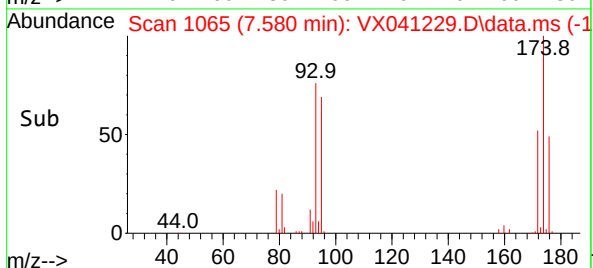
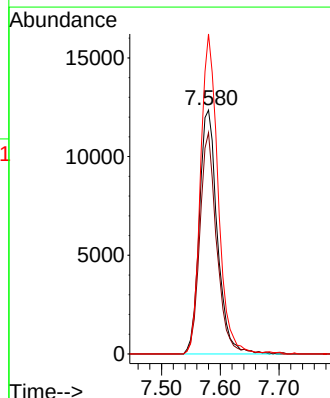
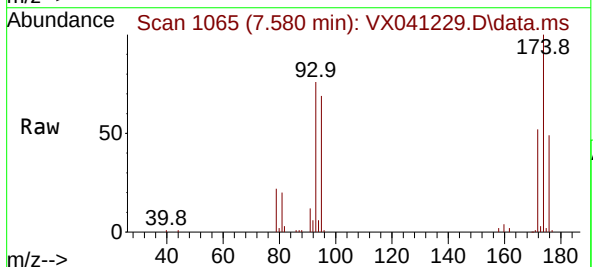
Tgt Ion: 93 Resp: 26192

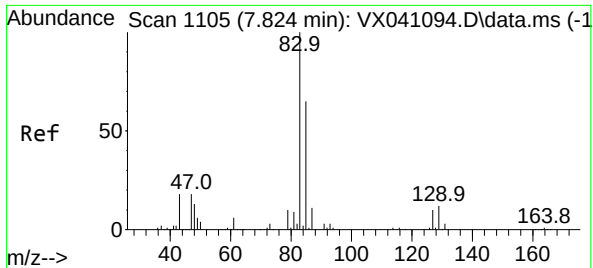
Ion Ratio Lower Upper

93 100

95 85.5 66.6 100.0

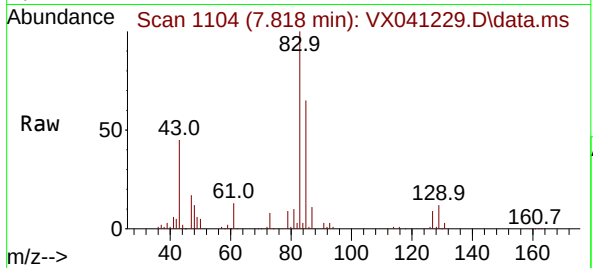
174 127.7 69.4 104.0#





#47
Bromodichloromethane
Concen: 21.479 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

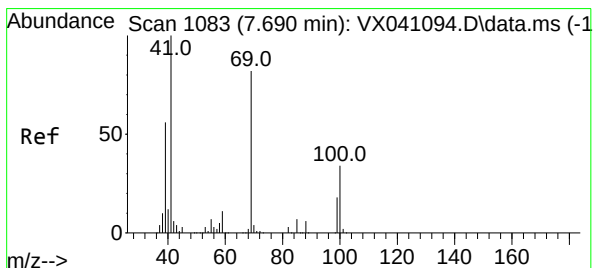
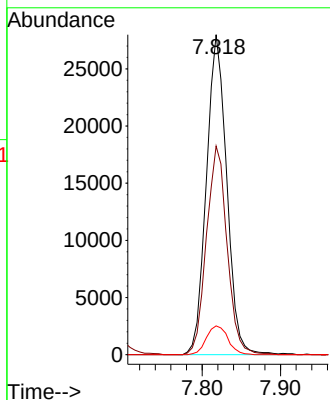
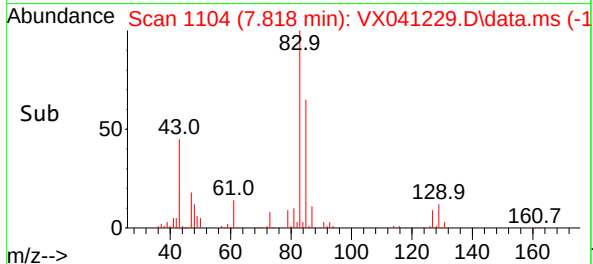
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 83 Resp: 50460
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 9.0 7.1 10.7

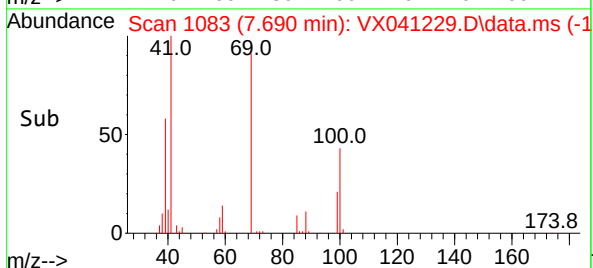
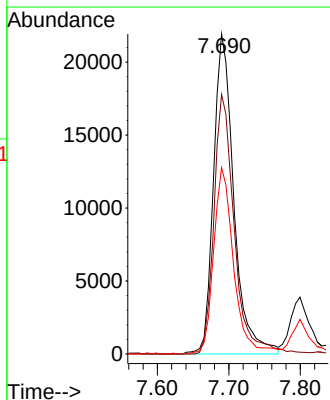
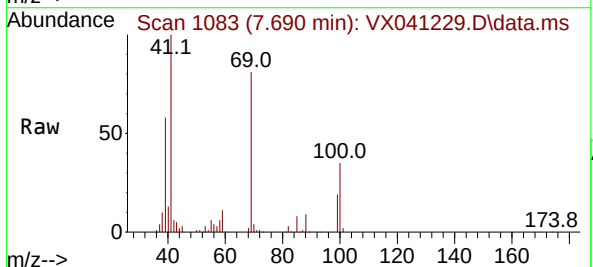
Manual Integrations
APPROVED

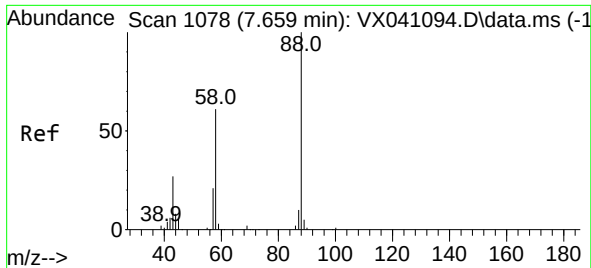
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#48
Methyl methacrylate
Concen: 22.445 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

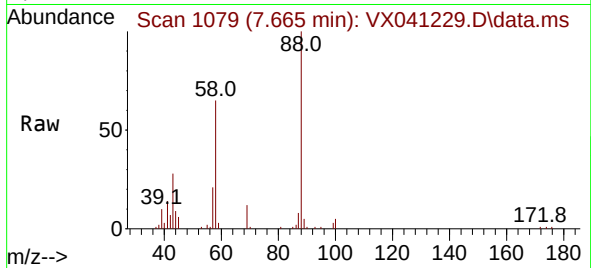
Tgt Ion: 41 Resp: 43315
Ion Ratio Lower Upper
41 100
69 81.2 59.2 88.8
39 57.4 47.7 71.5





#49
1,4-Dioxane
Concen: 448.163 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

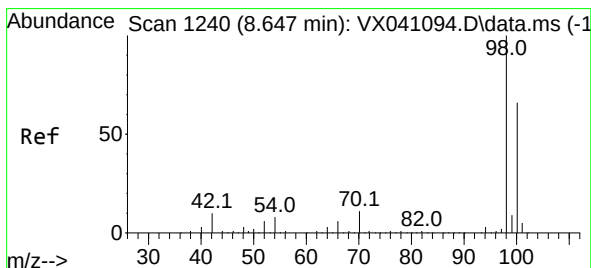
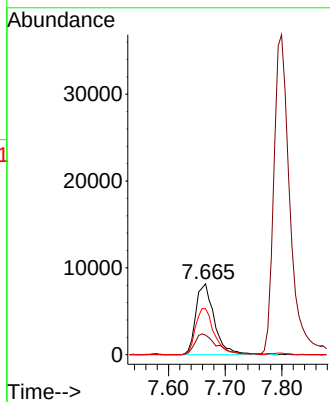
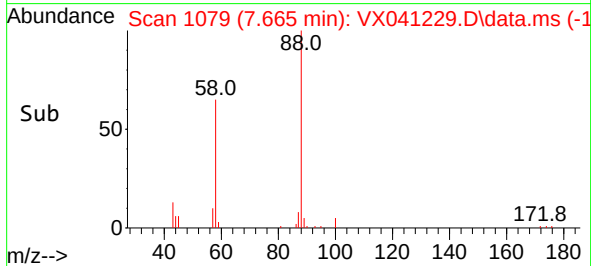
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 88 Resp: 18615
Ion Ratio Lower Upper
88 100
43 35.1 0.0 0.0
58 64.9 60.1 90.1

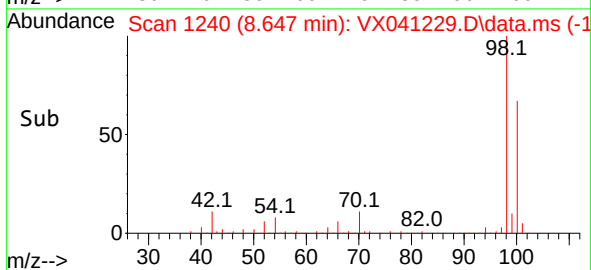
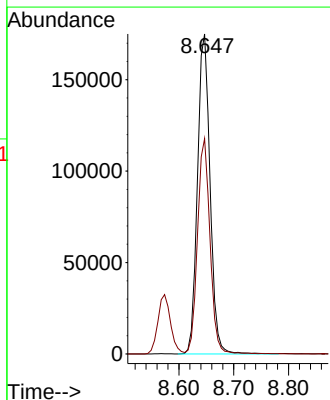
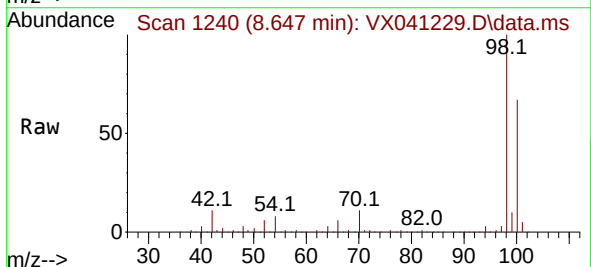
Manual Integrations
APPROVED

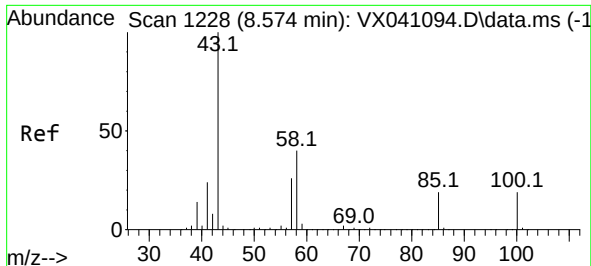
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#50
Toluene-d8
Concen: 45.997 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 98 Resp: 279988
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





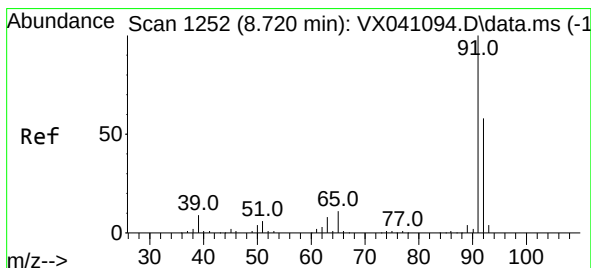
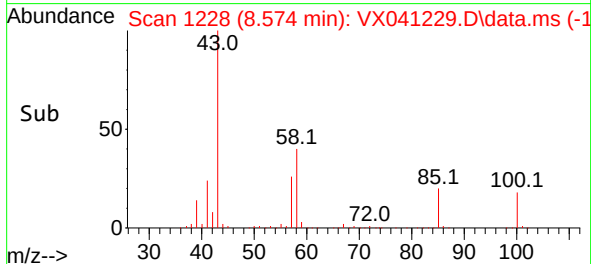
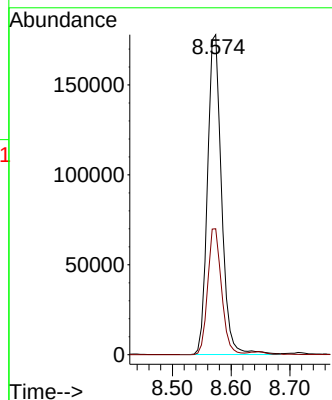
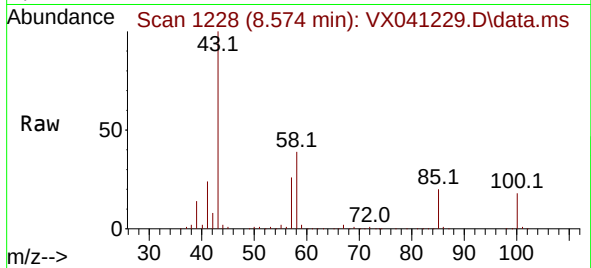
#51
4-Methyl-2-Pentanone
Concen: 115.697 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion: 43 Resp: 29546
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

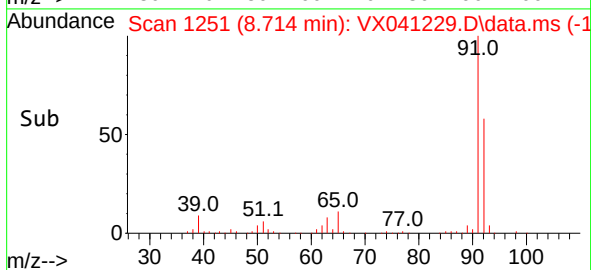
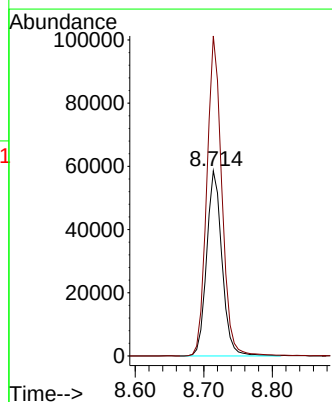
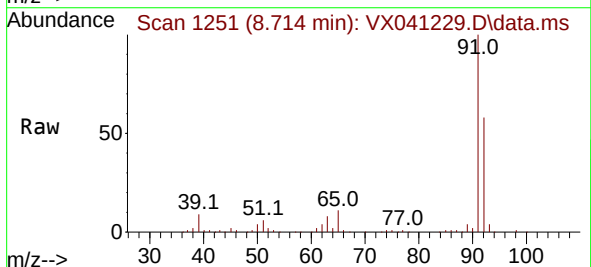
Manual Integrations
APPROVED

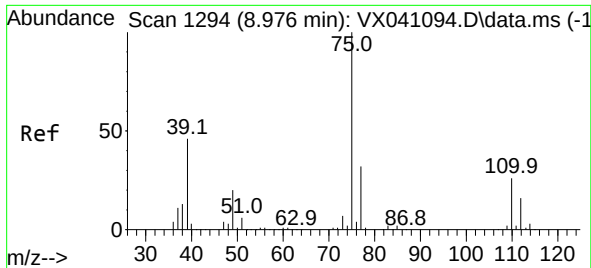
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#52
Toluene
Concen: 20.320 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 92 Resp: 91286
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2





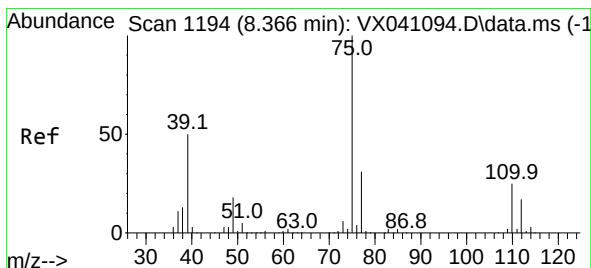
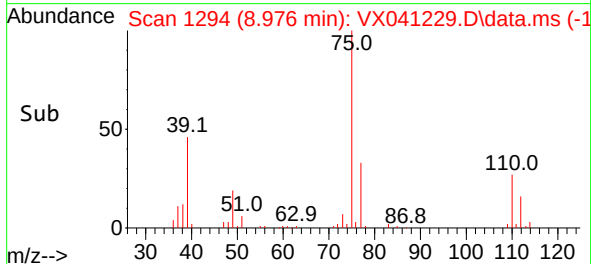
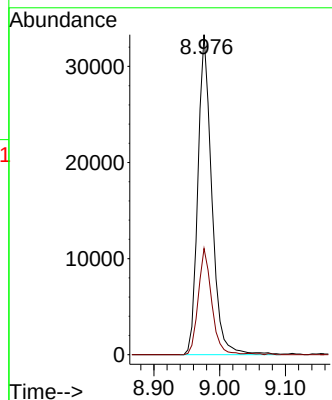
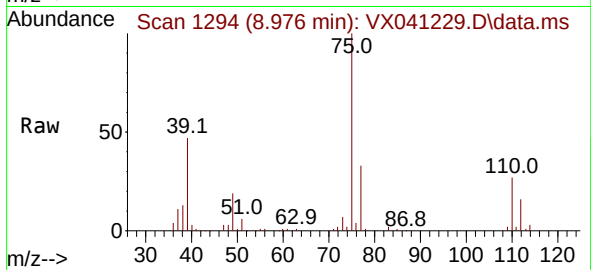
#53
 t-1,3-Dichloropropene
 Concen: 21.227 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041229.D
 Acq: 24 Apr 2024 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tgt Ion: 75 Resp: 4892
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.7 38.5

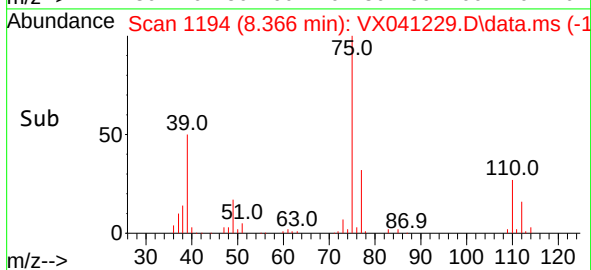
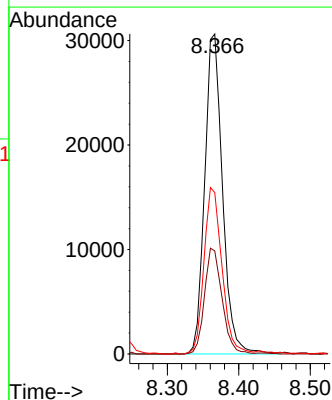
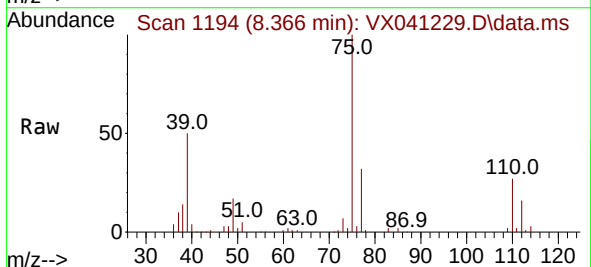
Manual Integrations
 APPROVED

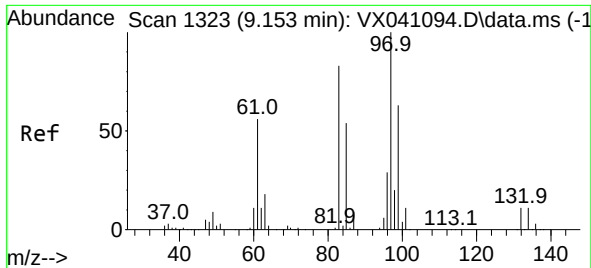
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.281 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041229.D
 Acq: 24 Apr 2024 12:51

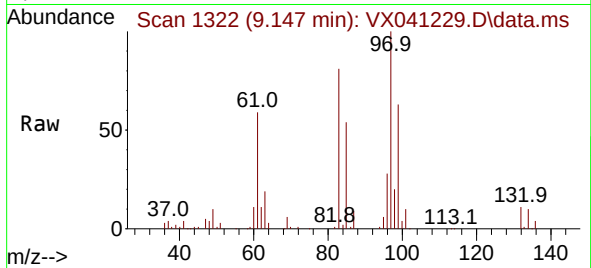
Tgt Ion: 75 Resp: 53136
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 50.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.304 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

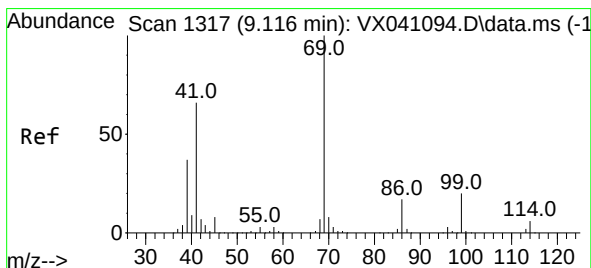
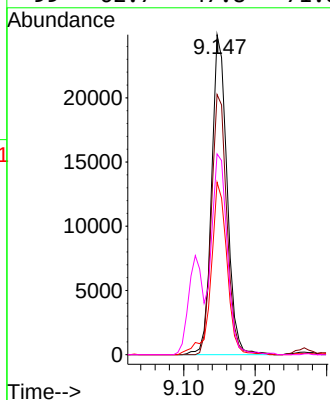
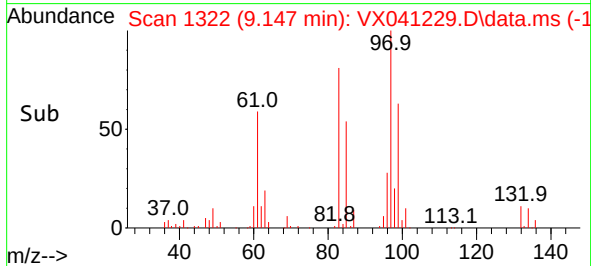
Instrument : MSVOA_X
ClientSampleId : VX0424WBS01



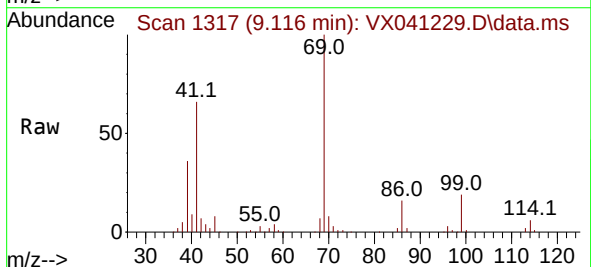
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.8	98.8
85	53.8	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations
APPROVED

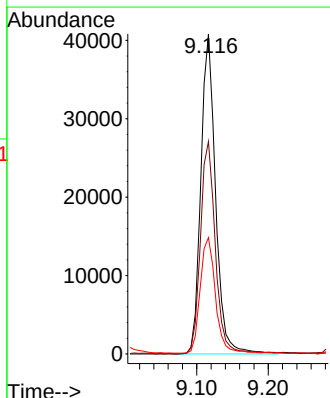
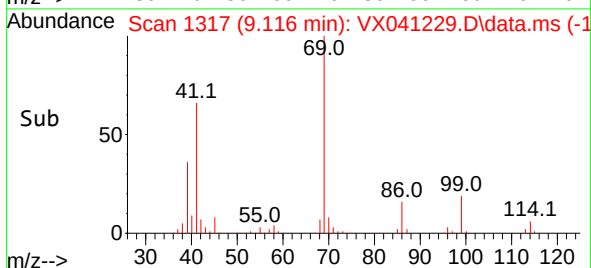
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

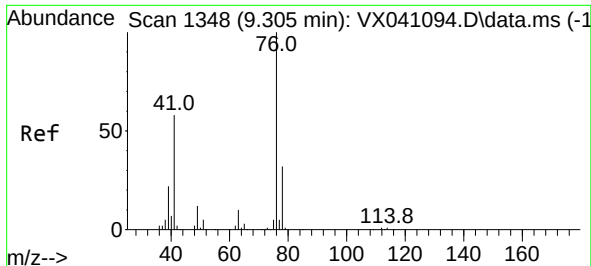


#56
Ethyl methacrylate
Concen: 21.800 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	56.8	85.2
39	37.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.758 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 76 Resp: 6023

Ion Ratio Lower Upper

76 100

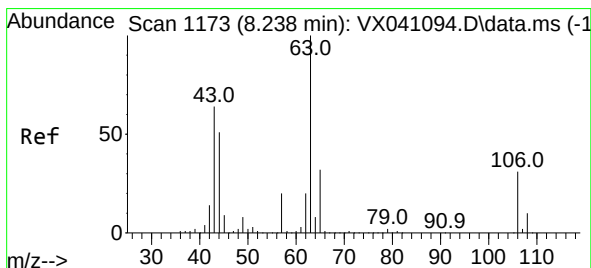
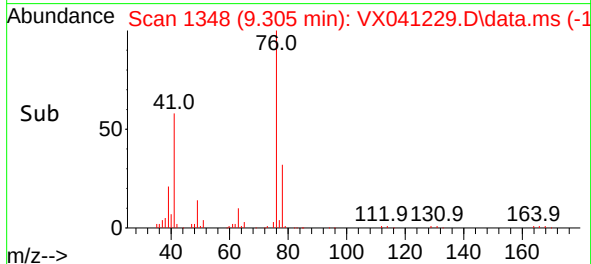
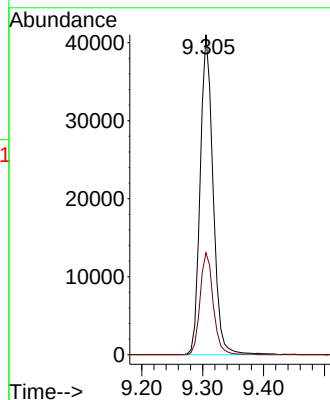
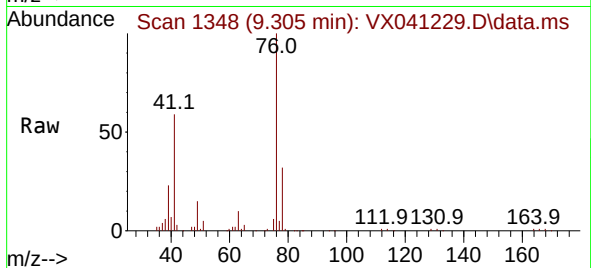
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 93.784 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041229.D

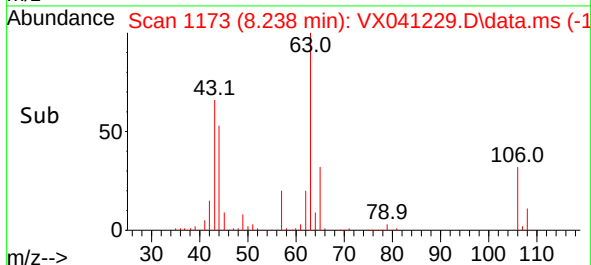
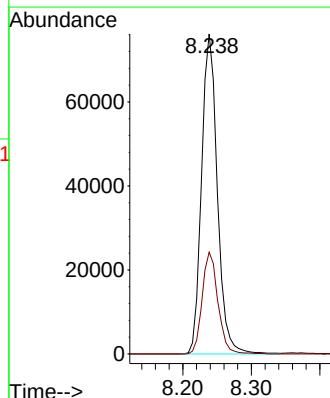
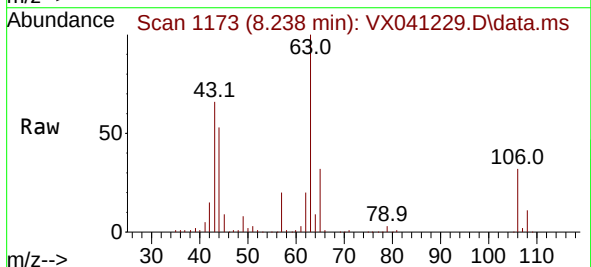
Acq: 24 Apr 2024 12:51

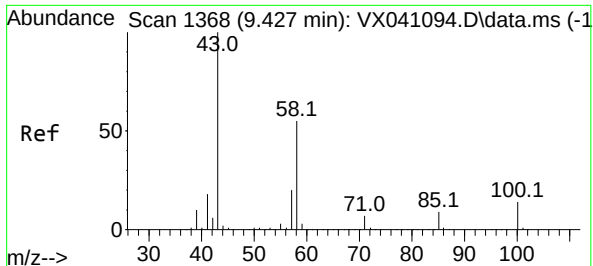
Tgt Ion: 63 Resp: 122321

Ion Ratio Lower Upper

63 100

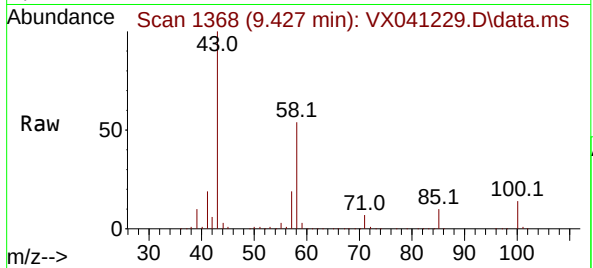
106 31.7 22.5 33.7





#59
2-Hexanone
Concen: 119.271 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

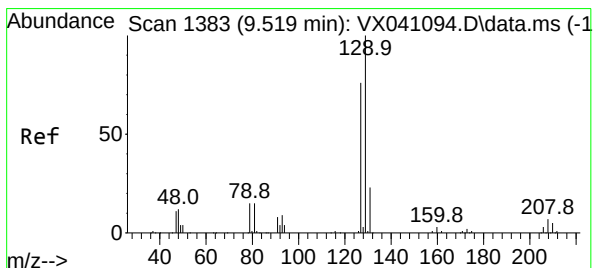
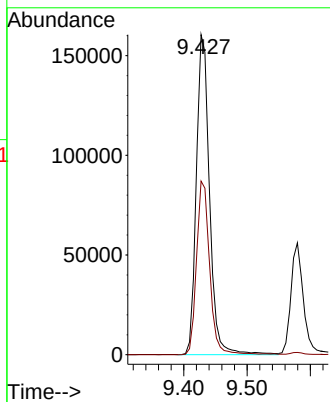
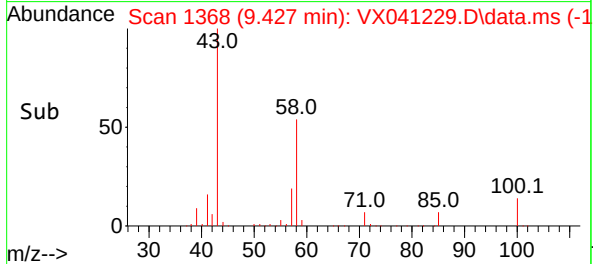
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 43 Resp: 233574
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5

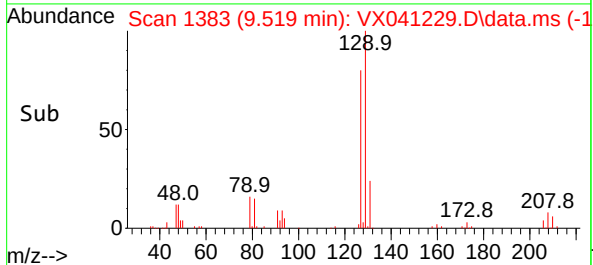
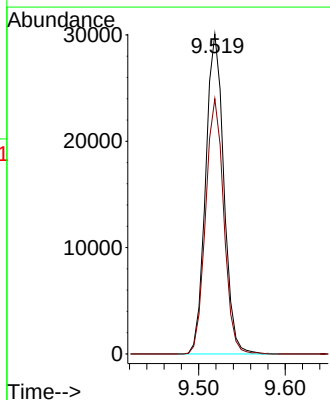
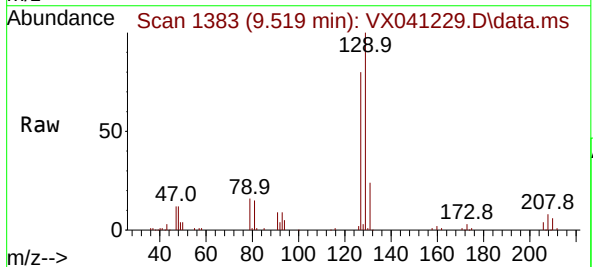
Manual Integrations
APPROVED

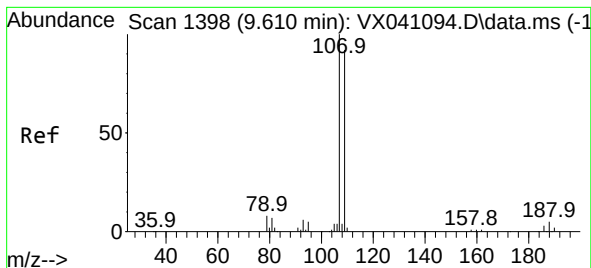
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#60
Dibromochloromethane
Concen: 21.658 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

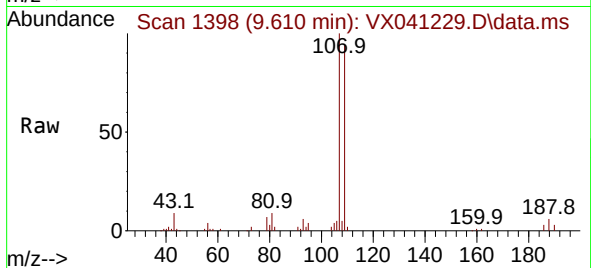
Tgt Ion:129 Resp: 43827
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.996 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

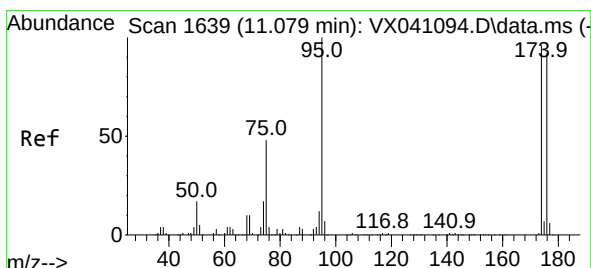
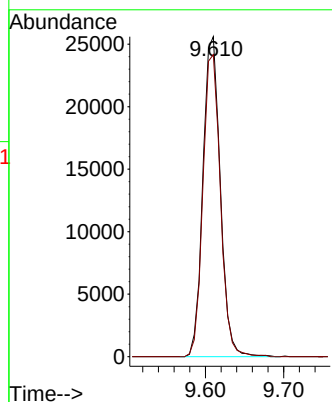
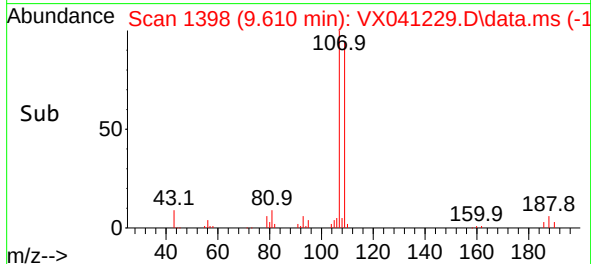
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



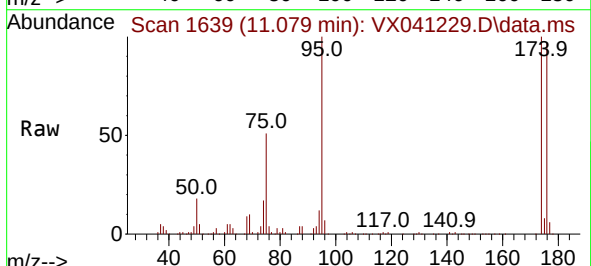
Tgt Ion:107 Resp: 3948
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations
APPROVED

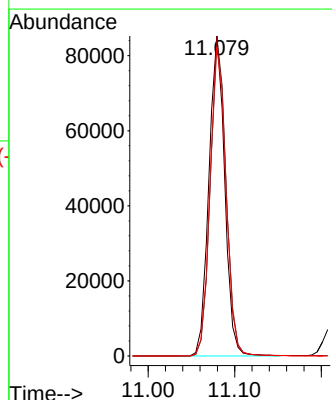
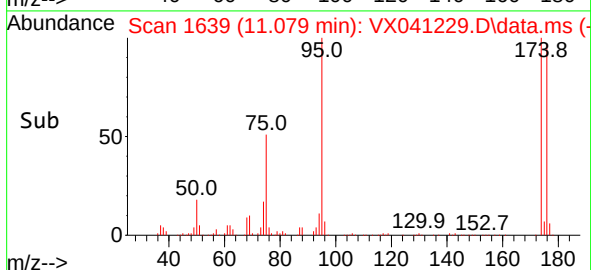
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

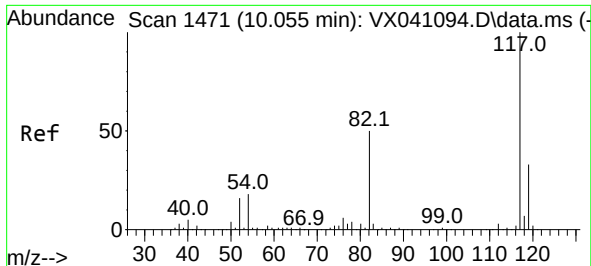


#62
4-Bromofluorobenzene
Concen: 47.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51



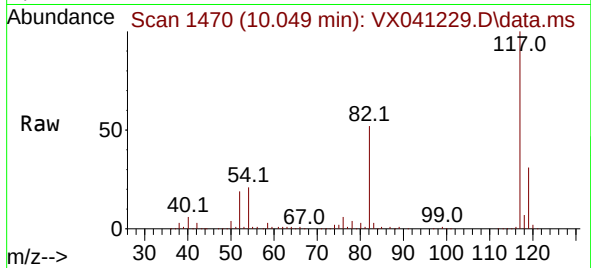
Tgt Ion: 95 Resp: 107815
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 97.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

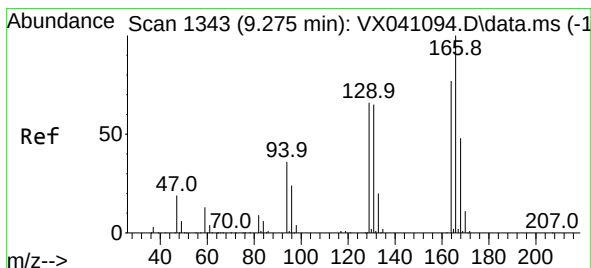
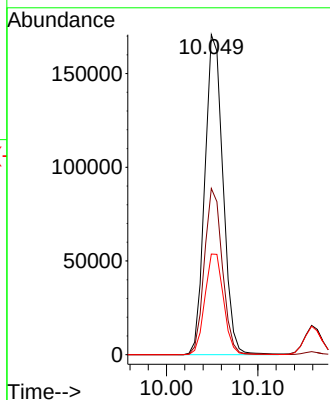
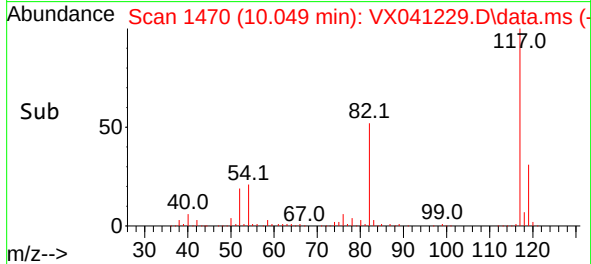
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion:117 Resp: 235078
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 31.5 25.5 38.3

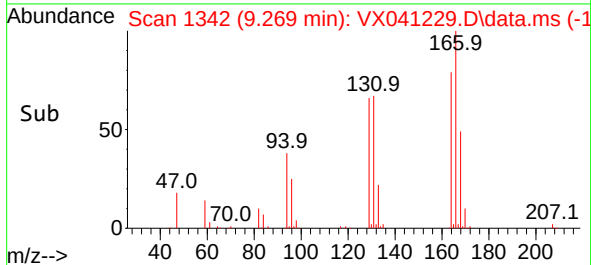
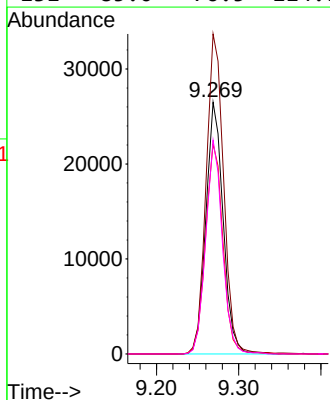
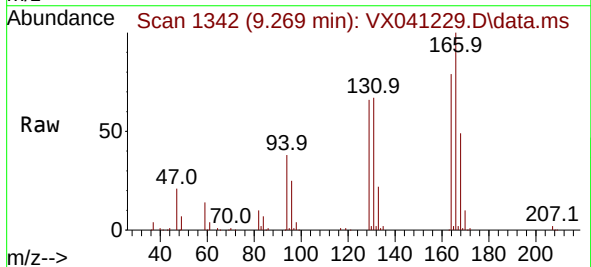
Manual Integrations
APPROVED

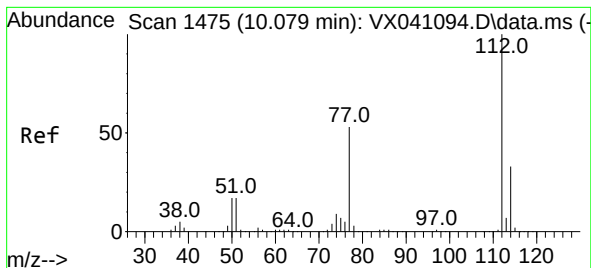
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#64
Tetrachloroethene
Concen: 21.492 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion:164 Resp: 38748
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 83.5 80.4 120.6
131 85.0 76.5 114.7





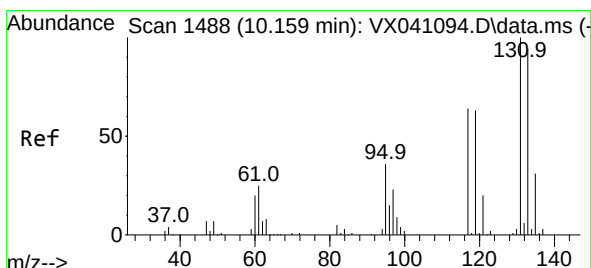
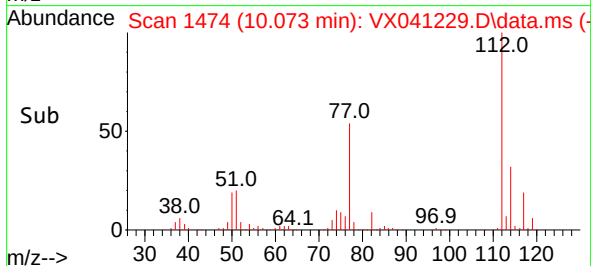
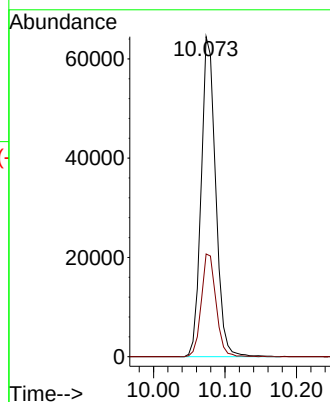
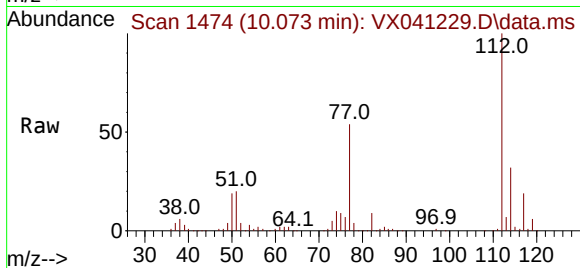
#65
Chlorobenzene
Concen: 18.768 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion:112 Resp: 90799
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

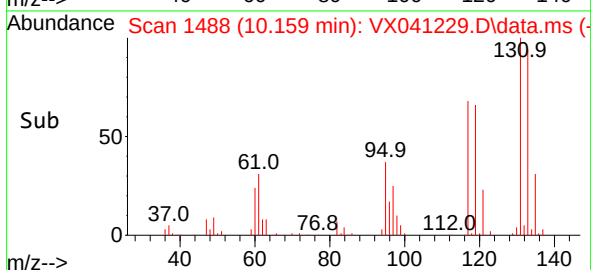
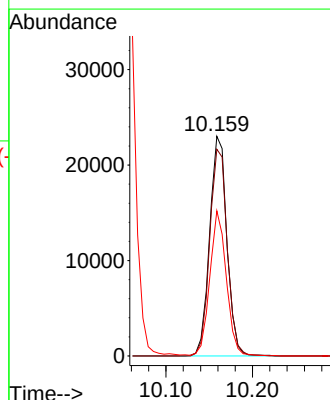
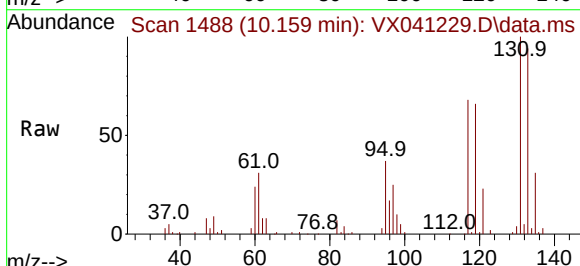
Manual Integrations
APPROVED

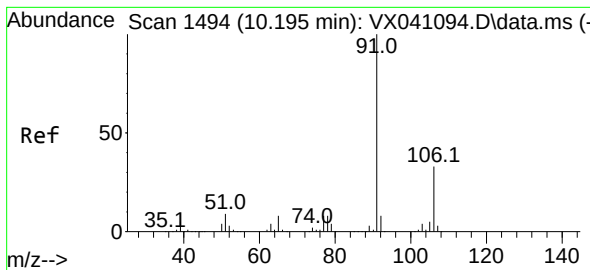
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.224 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

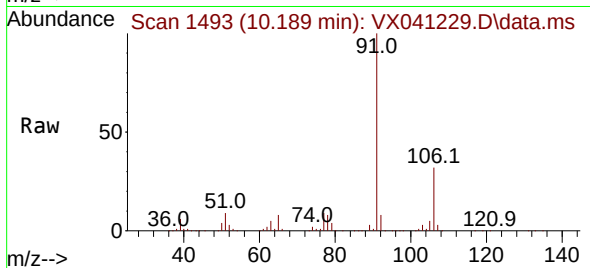
Tgt Ion:131 Resp: 31857
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 63.3 32.2 96.6





#67
Ethyl Benzene
Concen: 18.813 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

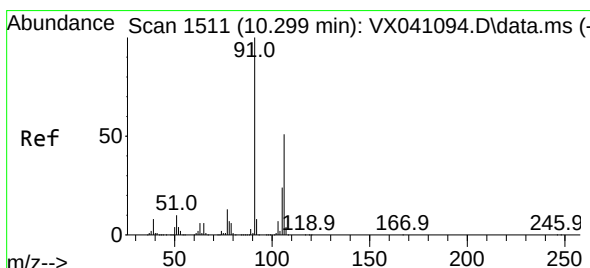
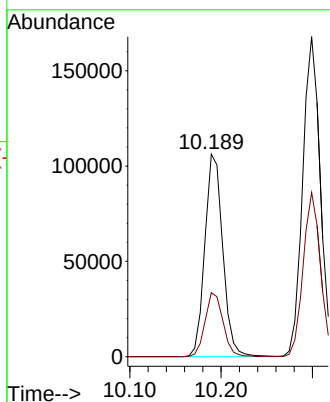
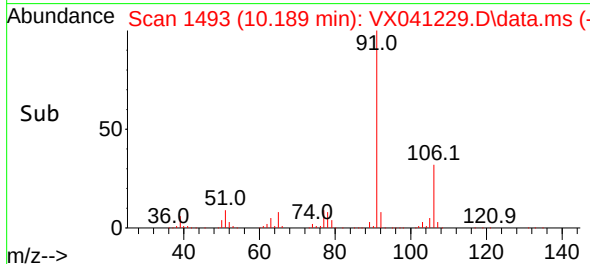
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 91 Resp: 145248
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

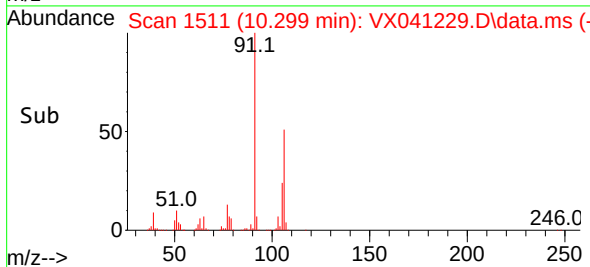
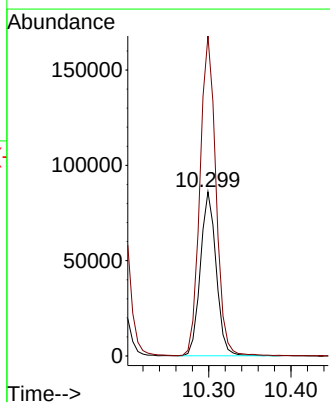
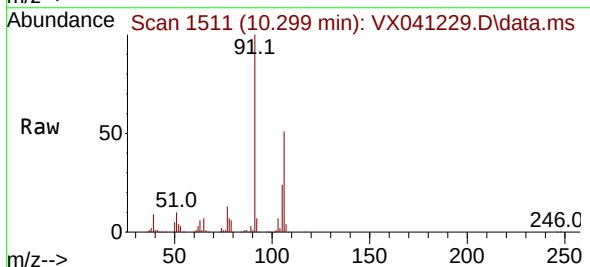
Manual Integrations
APPROVED

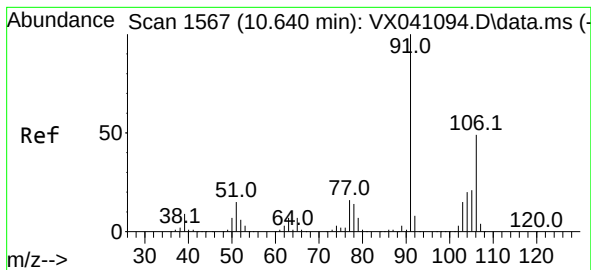
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#68
m/p-Xylenes
Concen: 36.838 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion:106 Resp: 114815
Ion Ratio Lower Upper
106 100
91 199.0 165.5 248.3





#69

o-Xylene

Concen: 18.912 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion:106 Resp: 57329

Ion Ratio Lower Upper

106 100

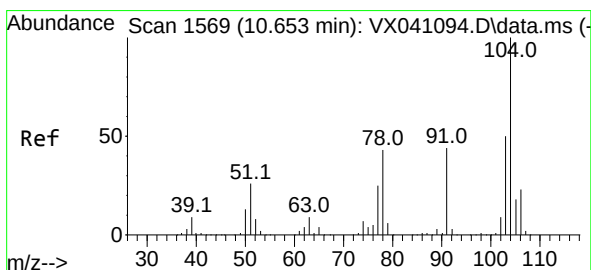
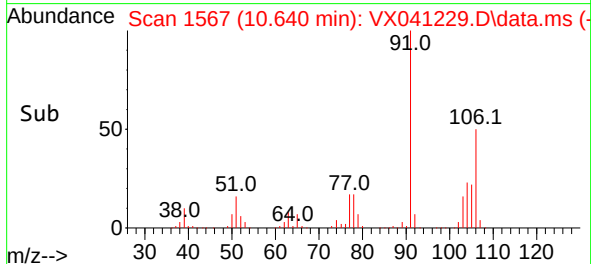
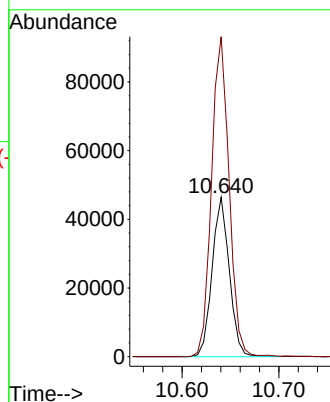
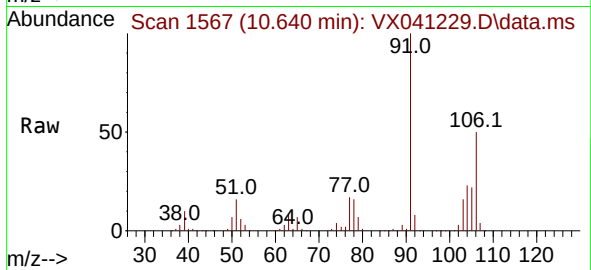
91 205.8 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#70

Styrene

Concen: 19.644 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

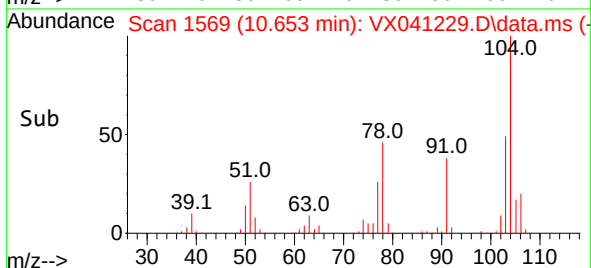
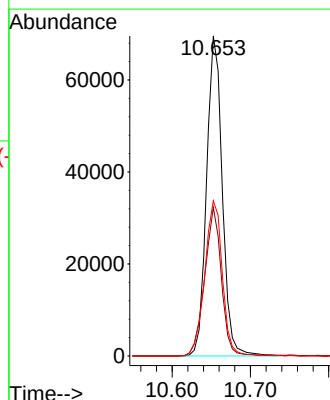
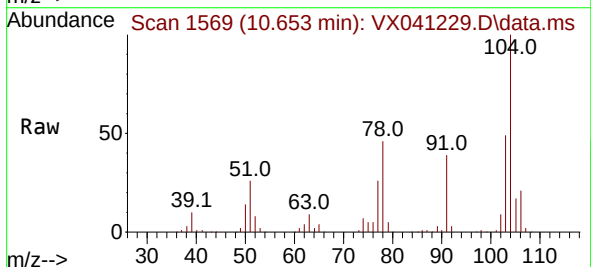
Tgt Ion:104 Resp: 96878

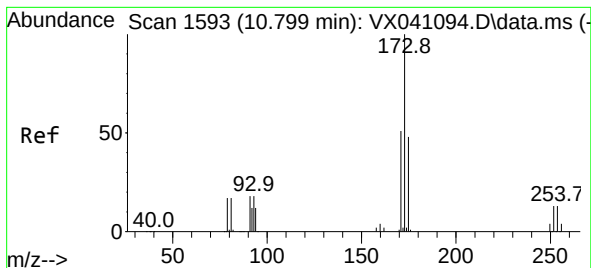
Ion Ratio Lower Upper

104 100

78 49.4 43.6 65.4

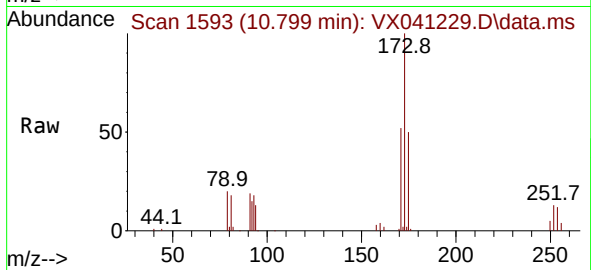
103 54.3 43.6 65.4





#71
Bromoform
Concen: 20.710 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

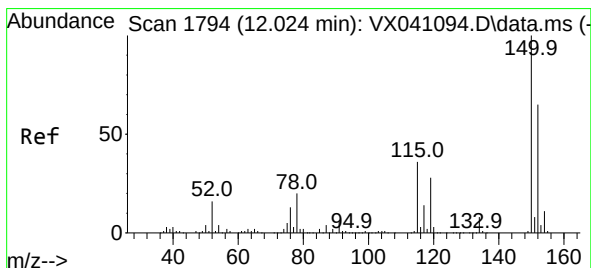
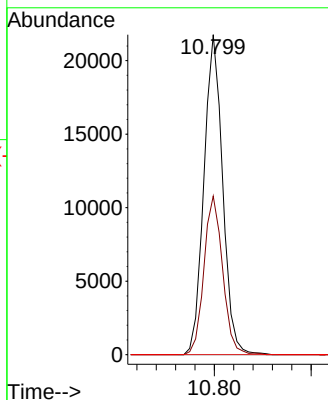
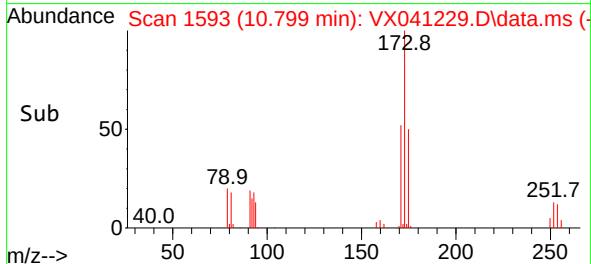
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



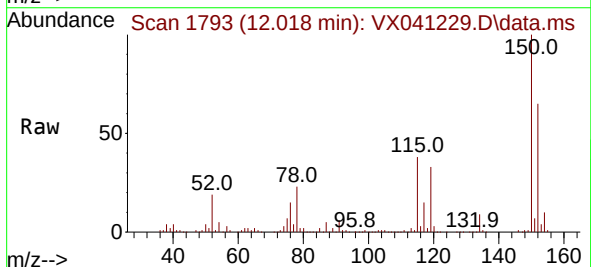
Tgt Ion:173 Resp: 2934
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

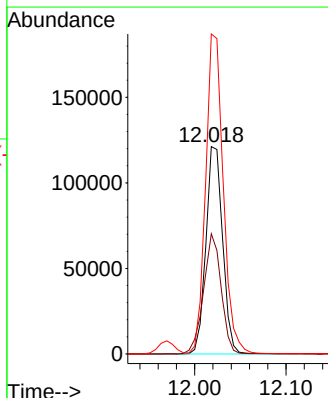
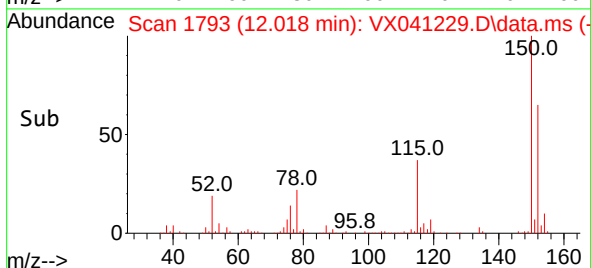
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

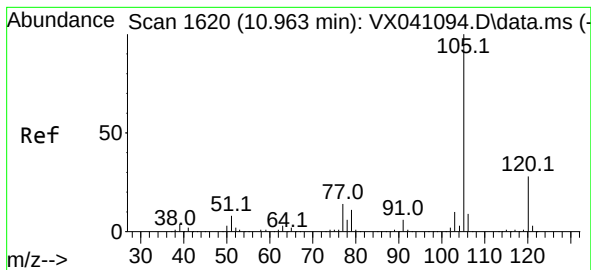


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51



Tgt Ion:152 Resp: 154044
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 162.5 0.0 345.0





#73

Isopropylbenzene

Concen: 15.583 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion:105 Resp: 149360

Ion Ratio Lower Upper

105 100

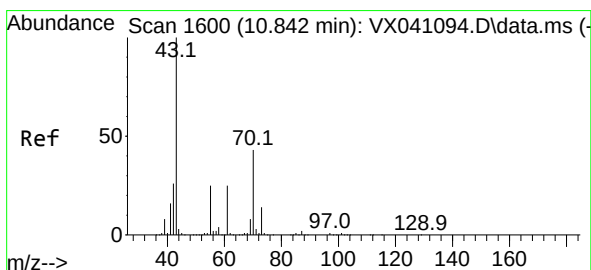
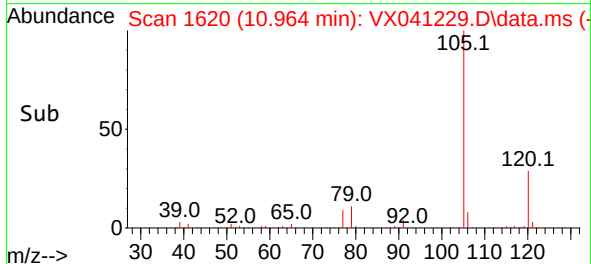
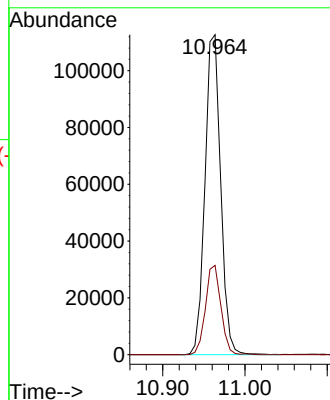
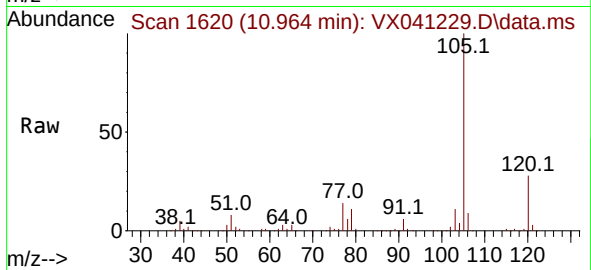
120 27.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#74

N-ethyl acetate

Concen: 16.530 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Tgt Ion: 43 Resp: 62266

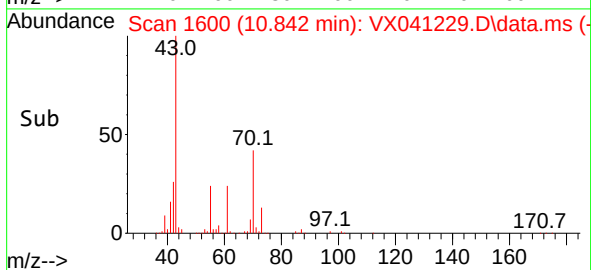
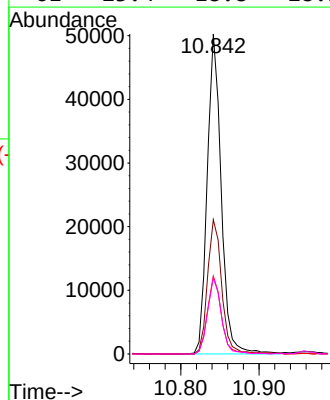
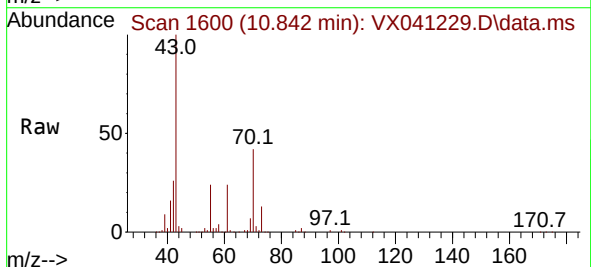
Ion Ratio Lower Upper

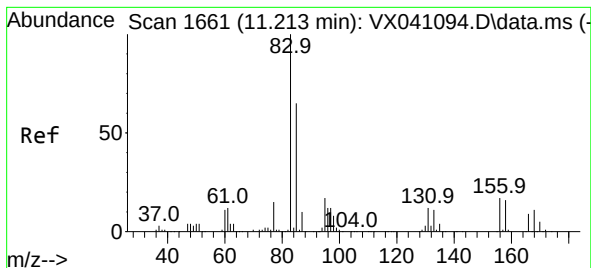
43 100

70 42.8 32.9 49.3

55 24.5 19.3 28.9

61 23.4 18.8 28.2





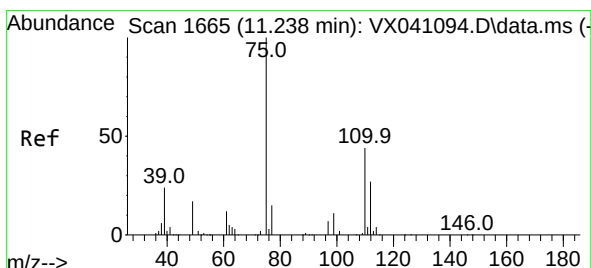
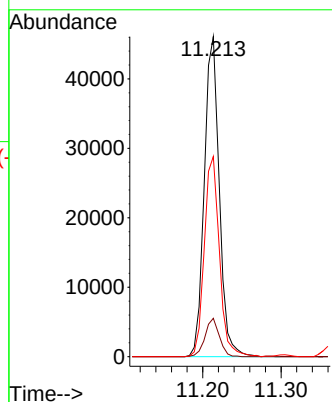
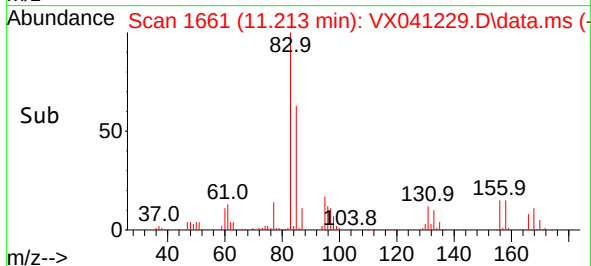
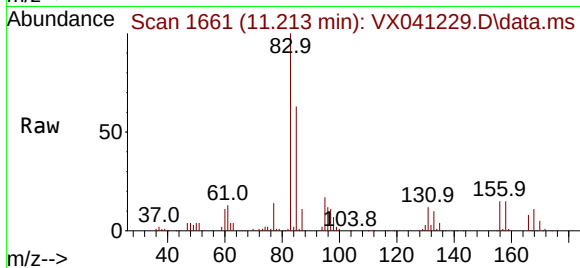
#75
1,1,2,2-Tetrachloroethane
Concen: 20.245 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion: 83 Resp: 6119
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.8
85 63.1 32.0 96.2

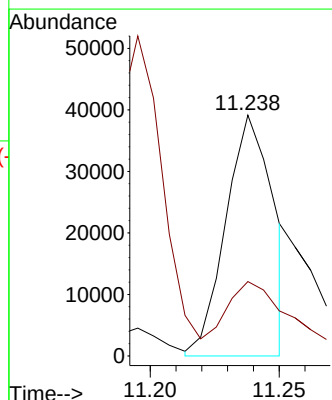
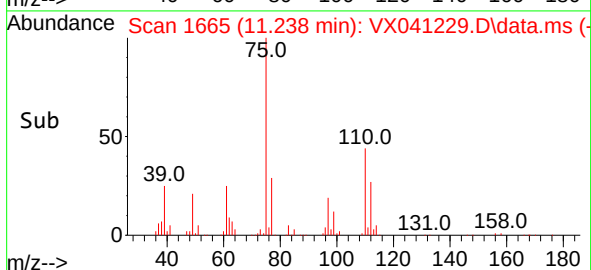
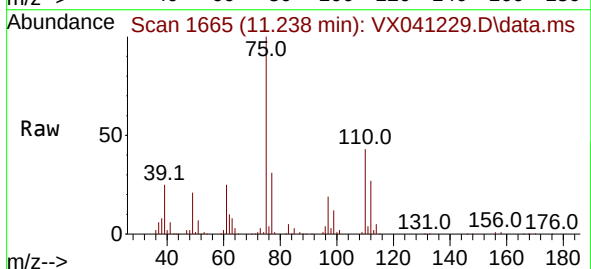
Manual Integrations
APPROVED

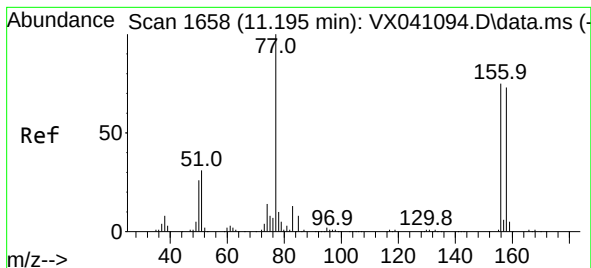
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#76
1,2,3-Trichloropropane
Concen: 20.188 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 75 Resp: 50104
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 18.565 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

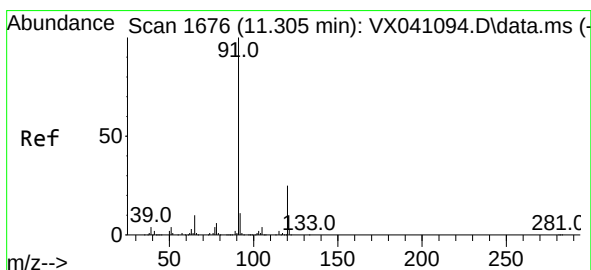
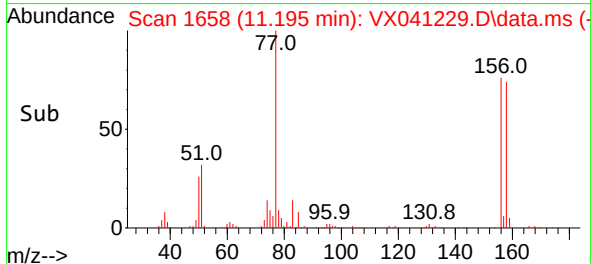
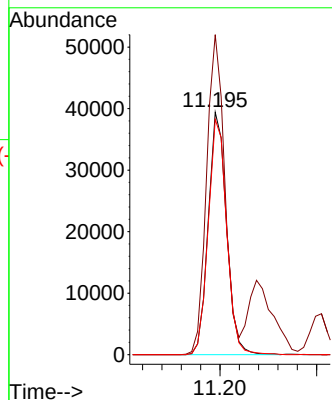
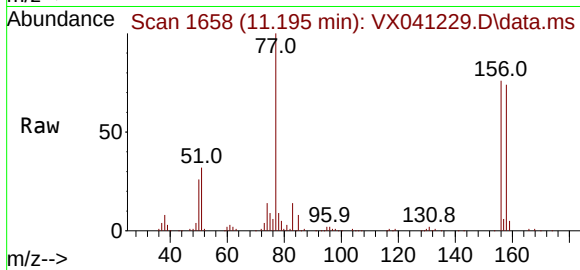
Tgt Ion:	156	Resp:	5178
Ion Ratio	Lower	Upper	
156	100		
77	131.1	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#78

n-propylbenzene

Concen: 19.405 ug/l

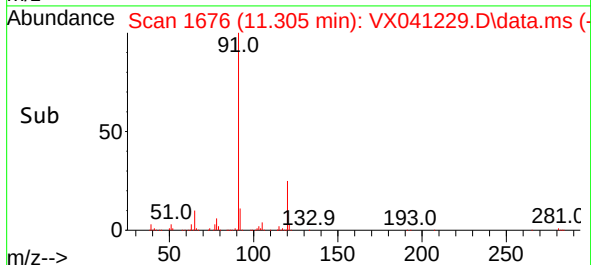
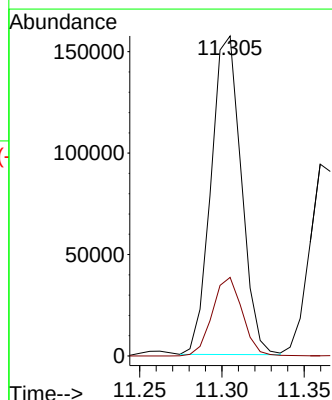
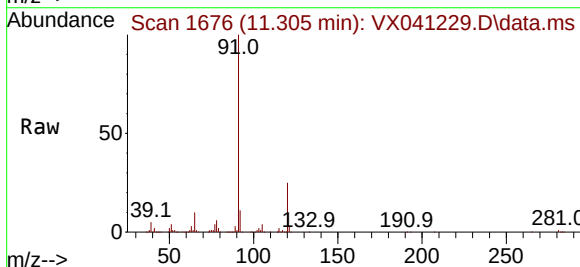
RT: 11.305 min Scan# 1676

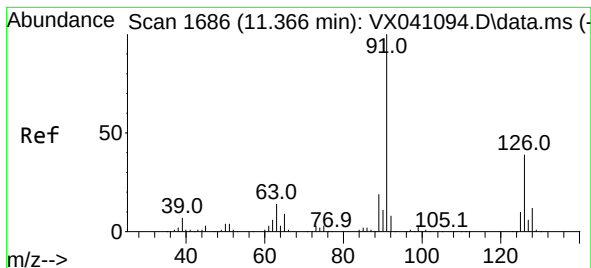
Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Tgt Ion:	91	Resp:	200823
Ion Ratio	Lower	Upper	
91	100		
120	24.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.866 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 91 Resp: 12355

Ion Ratio Lower Upper

91 100

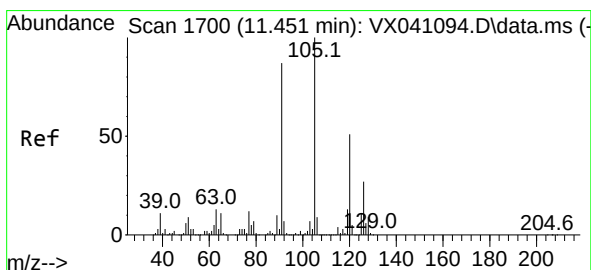
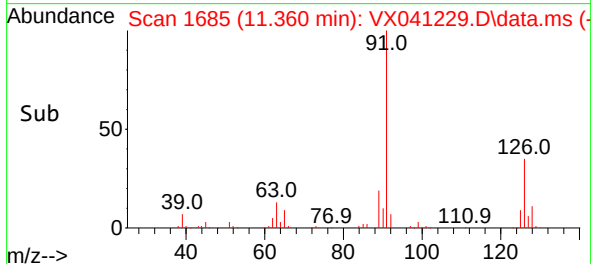
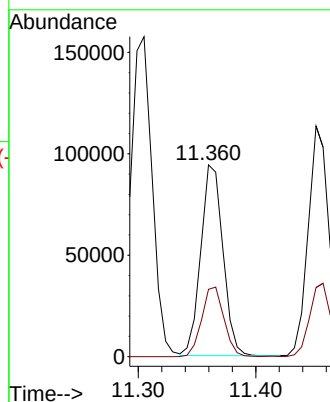
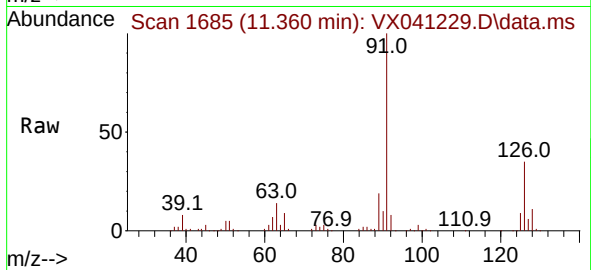
126 36.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.358 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041229.D

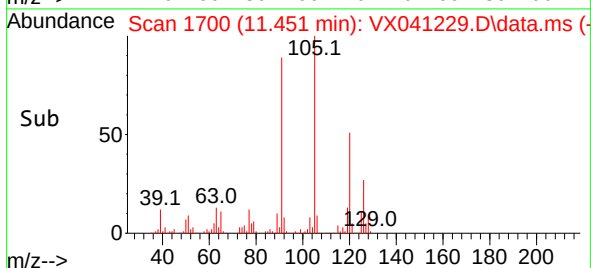
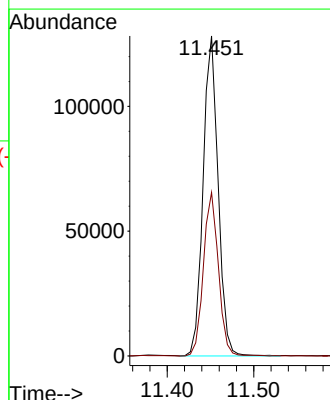
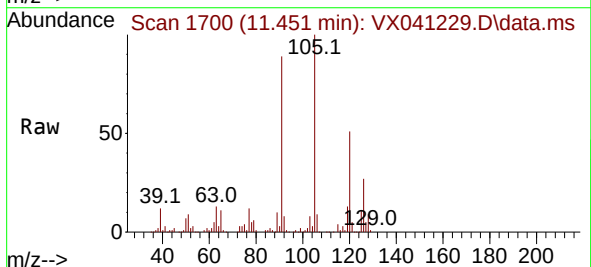
Acq: 24 Apr 2024 12:51

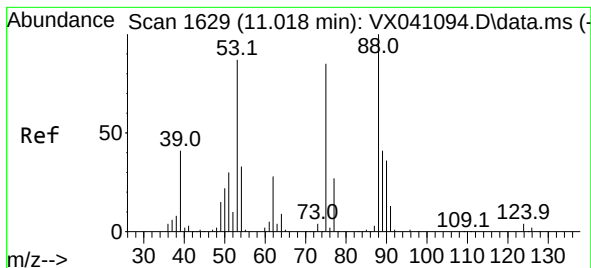
Tgt Ion:105 Resp: 154357

Ion Ratio Lower Upper

105 100

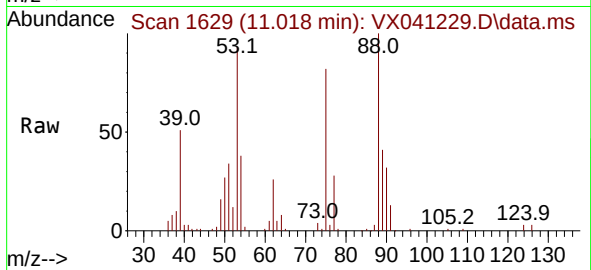
120 51.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.311 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

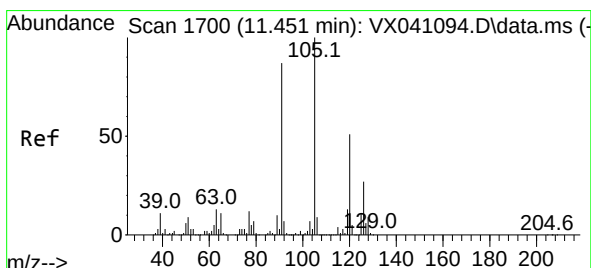
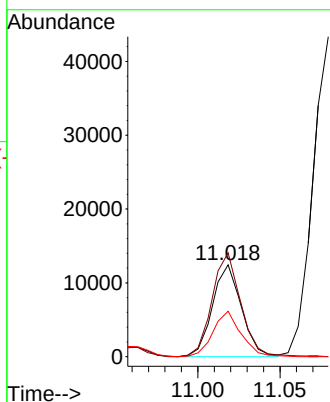
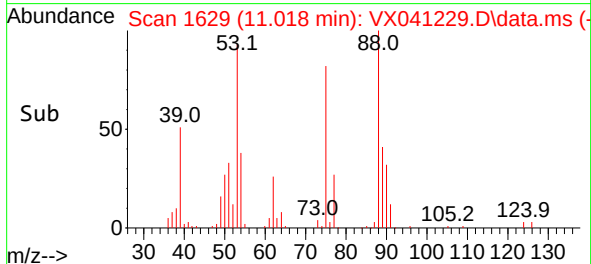
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion: 75 Resp: 15229
Ion Ratio Lower Upper
75 100
53 112.7 90.5 135.7
89 48.1 36.9 55.3

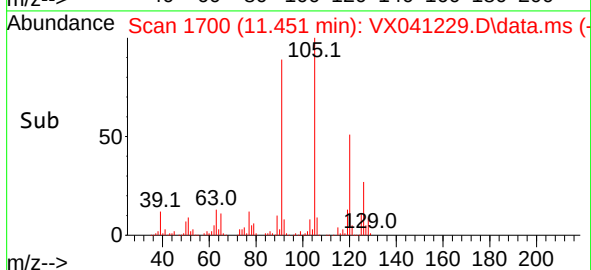
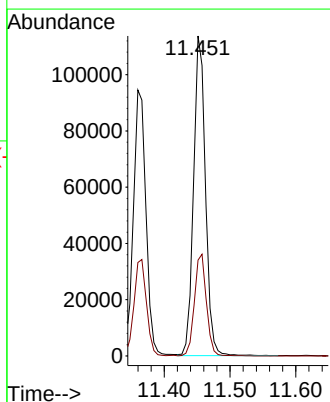
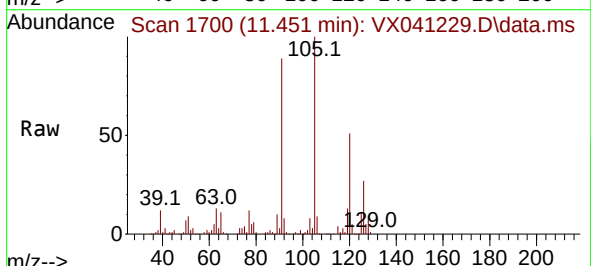
Manual Integrations
APPROVED

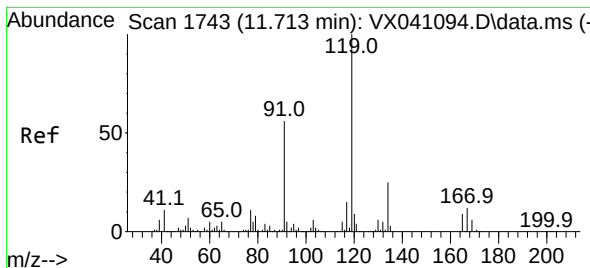
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#82
4-Chlorotoluene
Concen: 19.201 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 91 Resp: 142505
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.330 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion:119 Resp: 16505

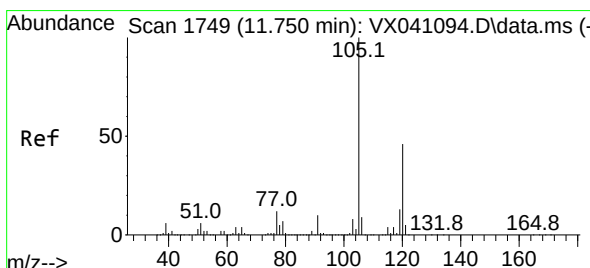
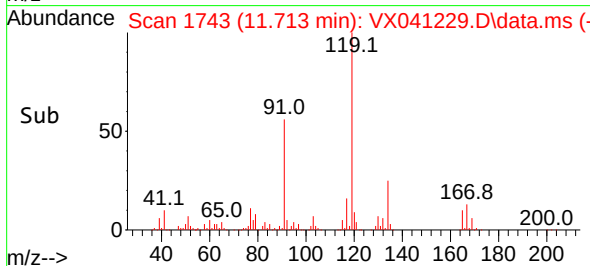
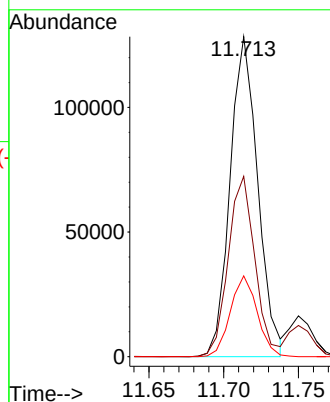
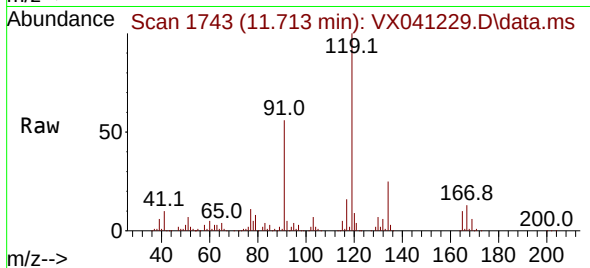
Ion	Ratio	Lower	Upper
119	100		
91	54.6	31.2	93.6
134	24.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.547 ug/l

RT: 11.750 min Scan# 1749

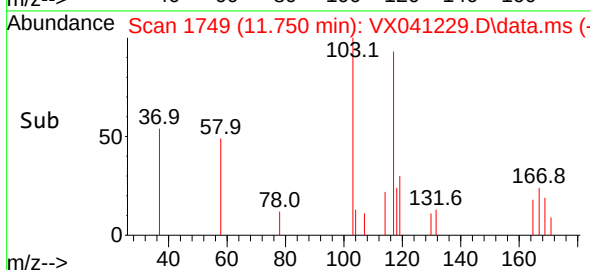
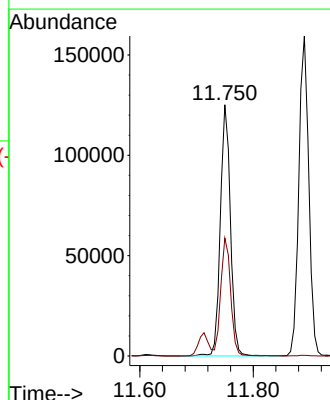
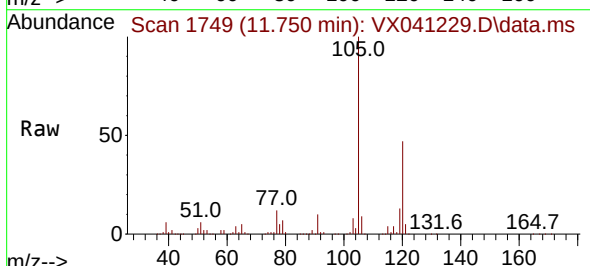
Delta R.T. 0.000 min

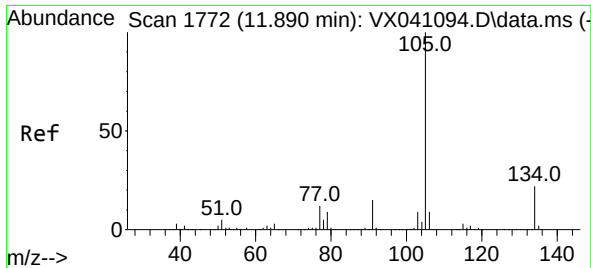
Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Tgt Ion:105 Resp: 154697

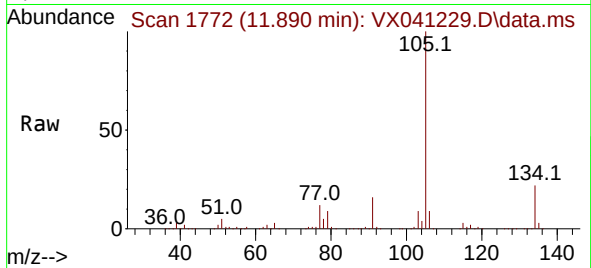
Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.659 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041229.D
 Acq: 24 Apr 2024 12:51

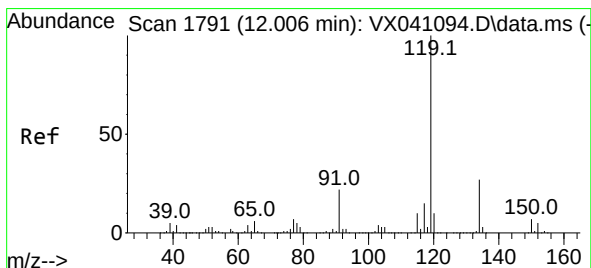
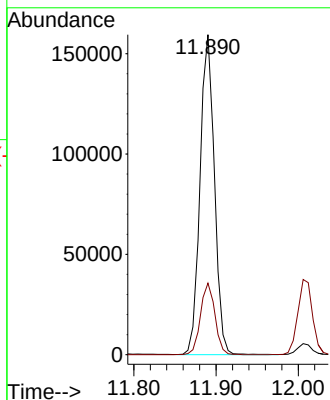
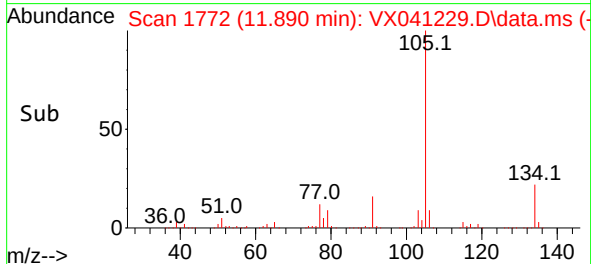
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01



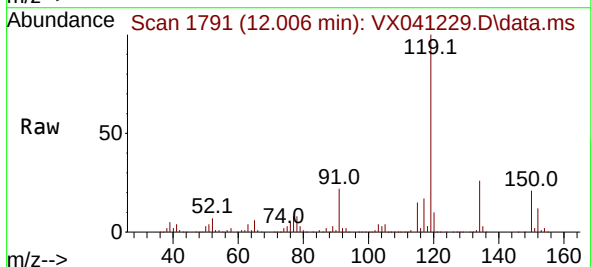
Tgt Ion:105 Resp: 193840
 Ion Ratio Lower Upper
 105 100
 134 22.4 9.8 29.4

Manual Integrations
 APPROVED

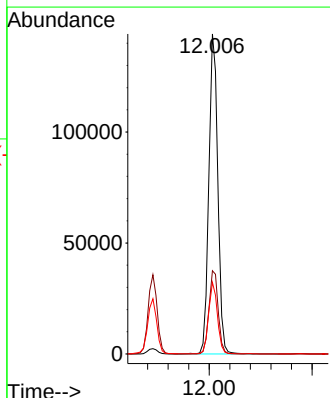
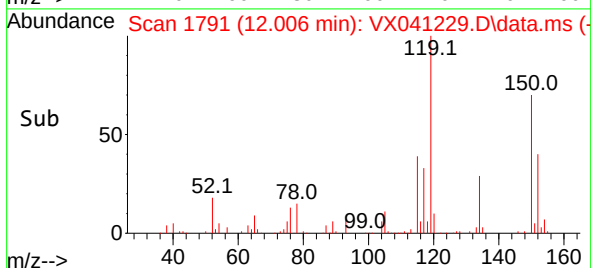
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024

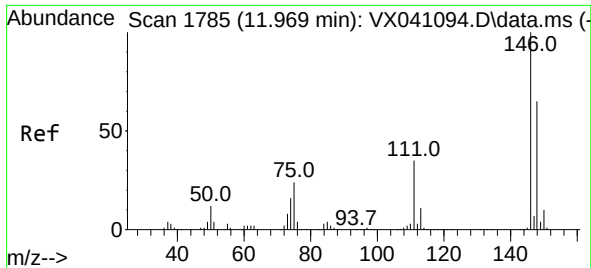


#86
 p-Isopropyltoluene
 Concen: 20.048 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041229.D
 Acq: 24 Apr 2024 12:51



Tgt Ion:119 Resp: 174212
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 22.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.032 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

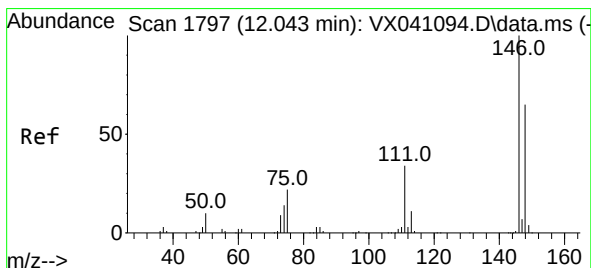
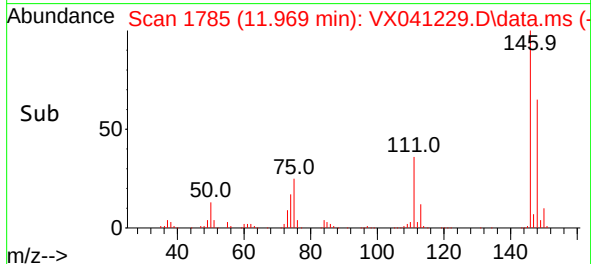
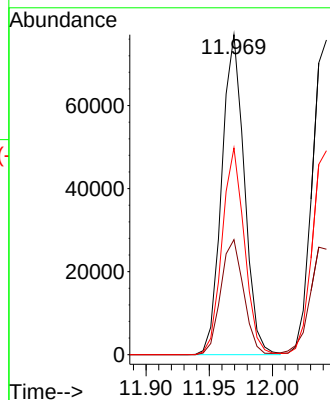
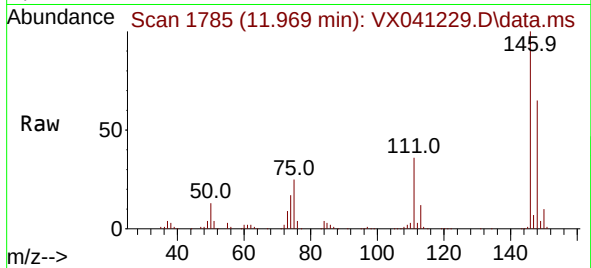
Tgt Ion:146 Resp: 95350
Ion Ratio Lower Upper
146 100
111 36.5 22.1 66.1
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#88

1,4-Dichlorobenzene

Concen: 18.716 ug/l

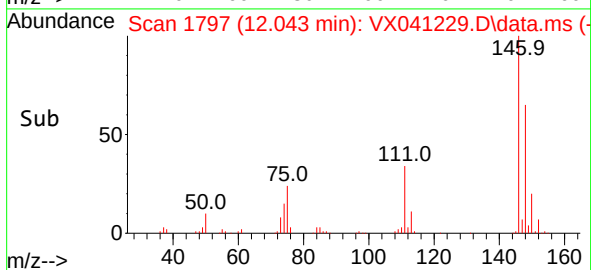
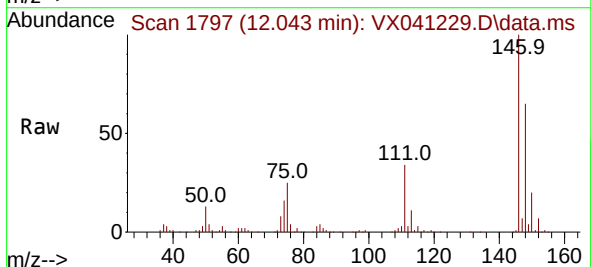
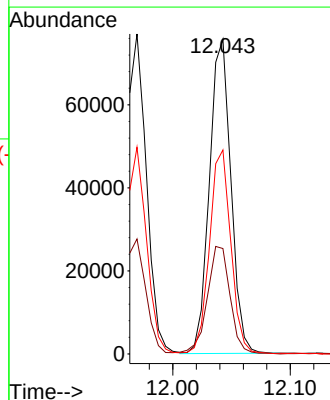
RT: 12.043 min Scan# 1797

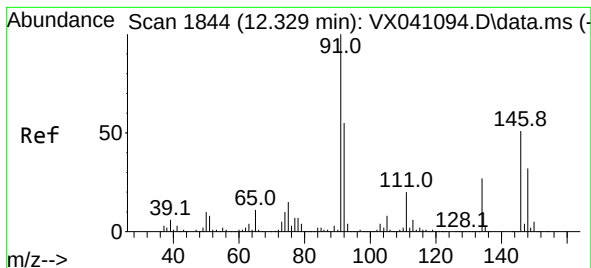
Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Tgt Ion:146 Resp: 96212
Ion Ratio Lower Upper
146 100
111 36.6 21.3 63.7
148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 20.508 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tgt Ion: 91 Resp: 135304

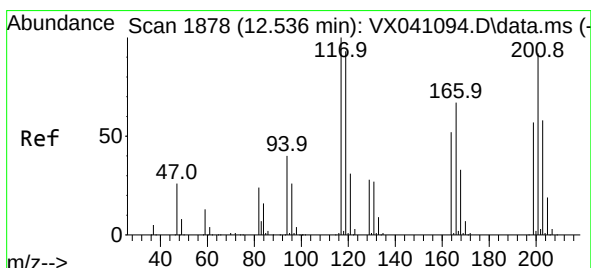
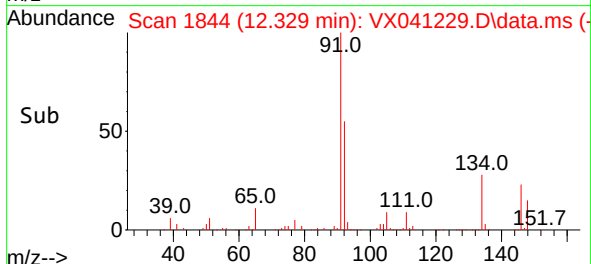
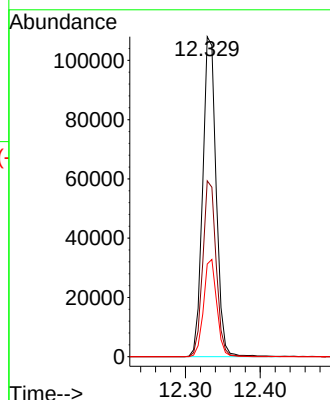
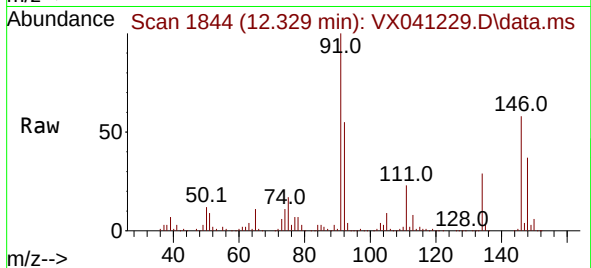
Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.0
134	29.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#90

Hexachloroethane

Concen: 19.799 ug/l

RT: 12.536 min Scan# 1878

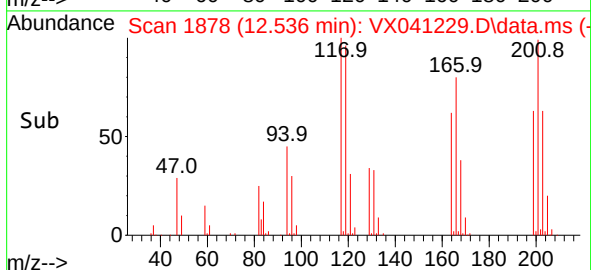
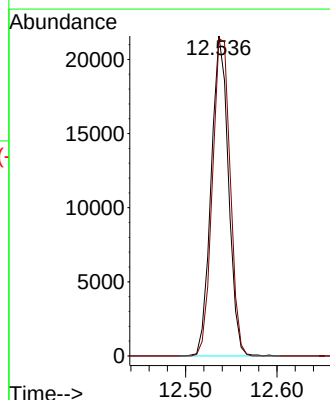
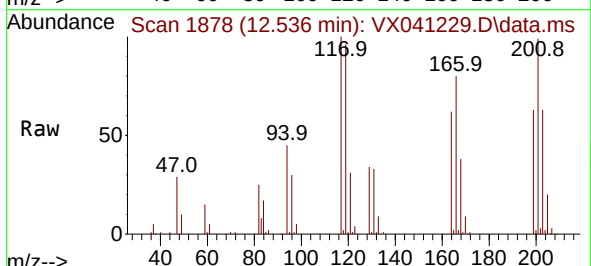
Delta R.T. 0.000 min

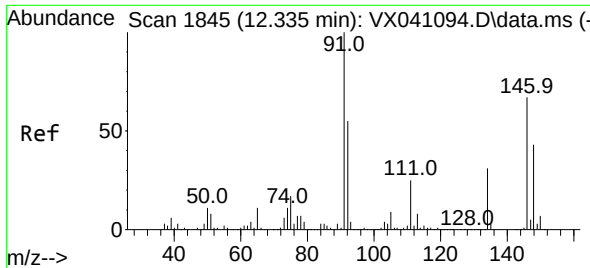
Lab File: VX041229.D

Acq: 24 Apr 2024 12:51

Tgt Ion:117 Resp: 28380

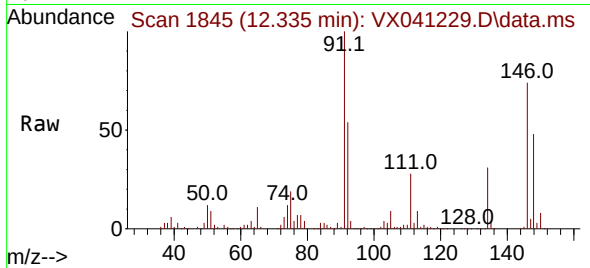
Ion	Ratio	Lower	Upper
117	100		
201	101.6	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 19.303 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

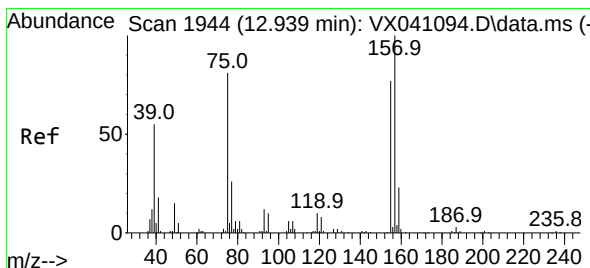
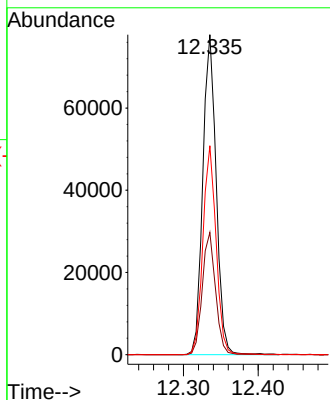
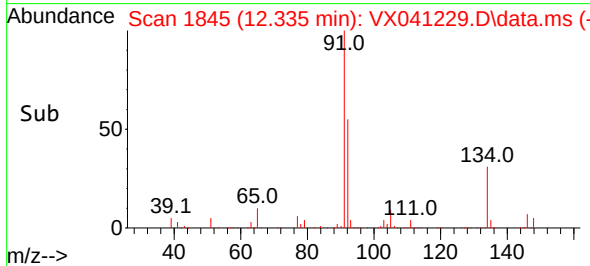
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



Tgt Ion:146 Resp: 9686
Ion Ratio Lower Upper
146 100
111 37.7 22.4 67.0
148 64.5 31.6 95.0

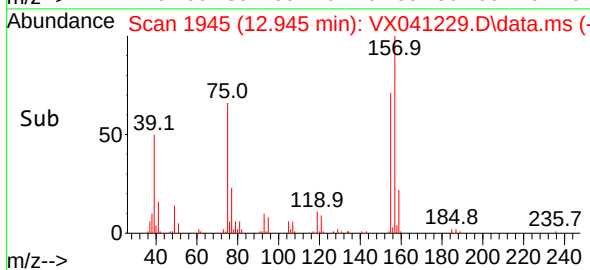
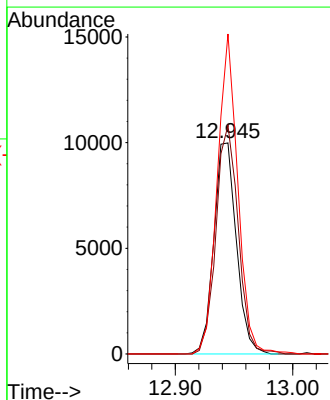
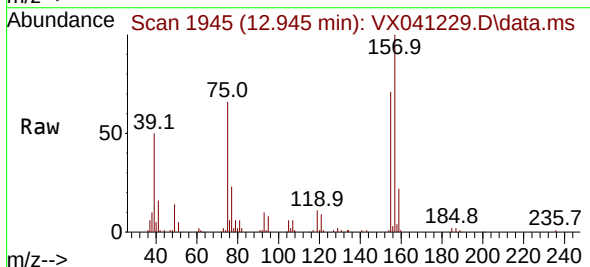
Manual Integrations
APPROVED

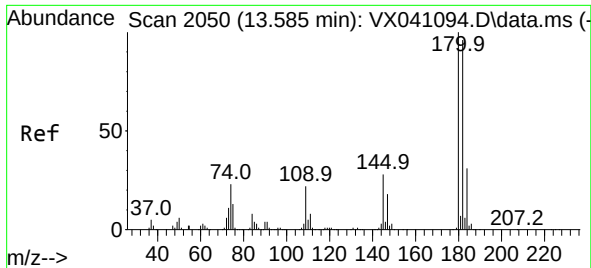
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.026 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Tgt Ion: 75 Resp: 13335
Ion Ratio Lower Upper
75 100
155 106.8 36.1 108.5
157 138.0 44.9 134.7#





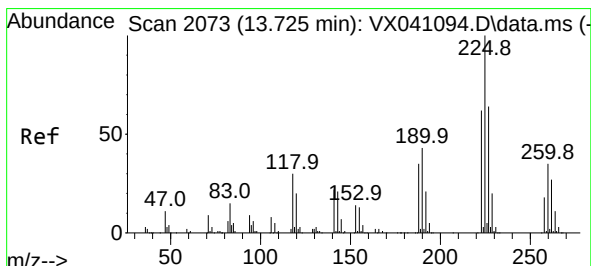
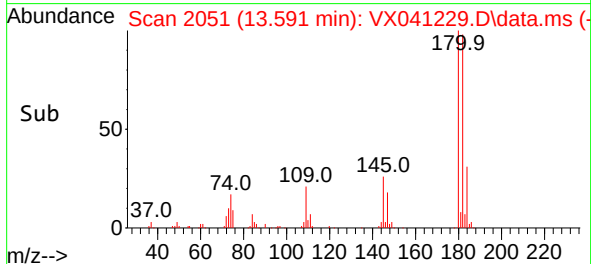
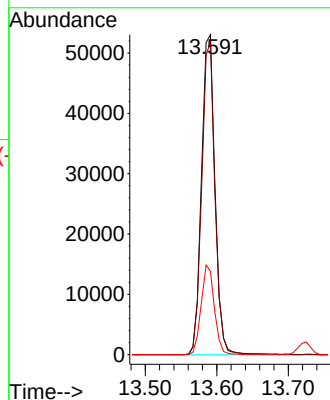
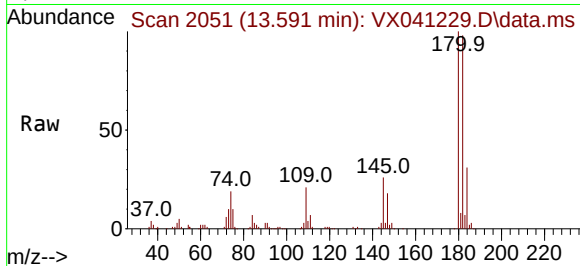
#93
1,2,4-Trichlorobenzene
Concen: 19.984 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion:180 Resp: 69532
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 27.3 18.0 54.0

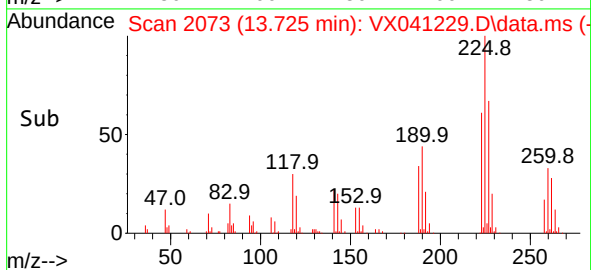
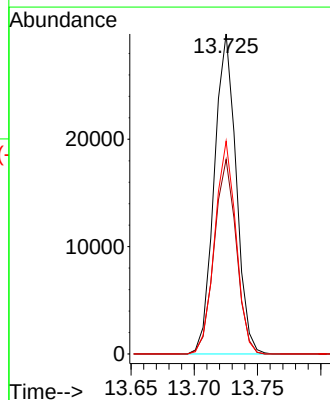
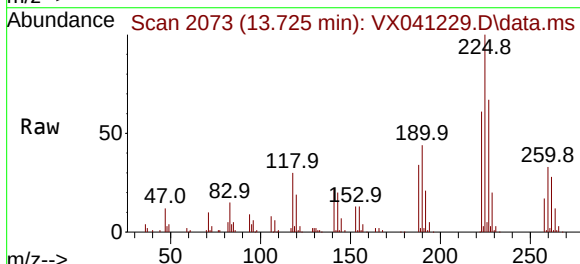
Manual Integrations
APPROVED

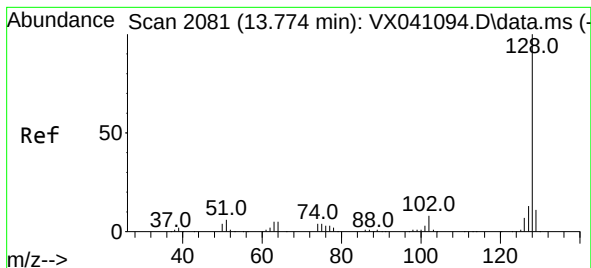
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#94
Hexachlorobutadiene
Concen: 20.163 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

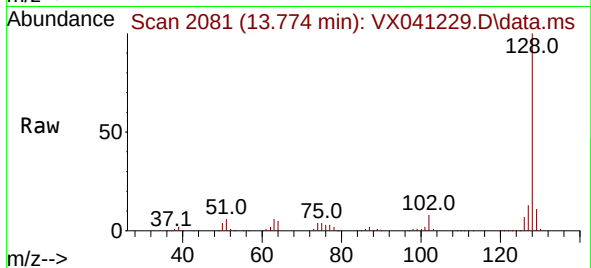
Tgt Ion:225 Resp: 35843
Ion Ratio Lower Upper
225 100
223 61.2 31.1 93.2
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 20.509 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51

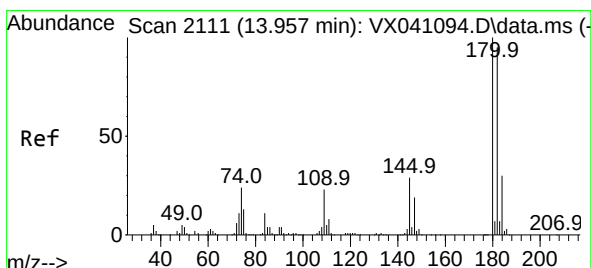
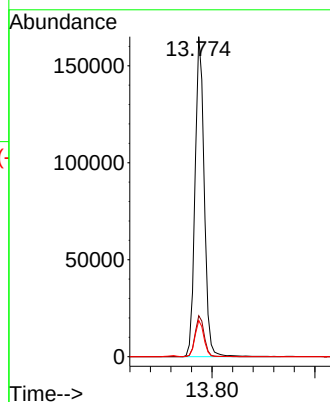
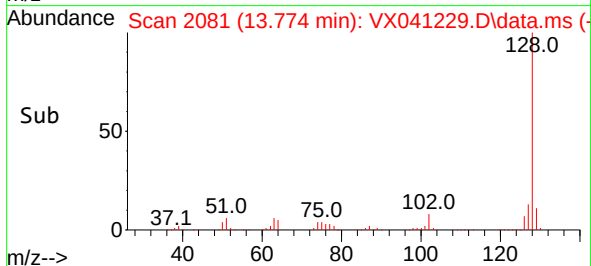
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01



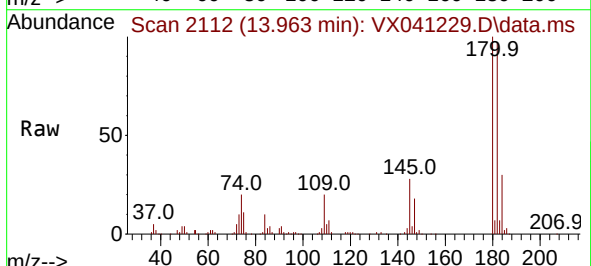
Tgt Ion:128 Resp: 20503
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.692 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041229.D
Acq: 24 Apr 2024 12:51



Tgt Ion:180 Resp: 72169
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 28.7 17.8 53.5

