

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040824.D
 Acq On : 28 Mar 2024 15:39
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:50:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	3827	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	28634	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	38725	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	19214	29.294	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.633%		
60) 4-Bromofluorobenzene	11.079	95	25295	29.901	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.667%		
63) Toluene-d8	8.647	98	45726	30.120	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3072	4.585	ug/l	97
3) Chloromethane	1.300	50	3072	5.023	ug/l	92
4) Vinyl Chloride	1.373	62	3063	4.860	ug/l	97
5) Bromomethane	1.605	94	2091	5.252	ug/l	97
6) Chloroethane	1.684	64	1964	4.927	ug/l	97
7) Trichlorofluoromethane	1.892	101	5594	5.119	ug/l	99
8) Diethyl Ether	2.136	74	1622	4.761	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	3151	5.154	ug/l	96
10) 1,1-Dichloroethene	2.325	96	2876	5.020	ug/l	84
11) Methyl Iodide	2.453	142	4021	5.134	ug/l	97
12) Methyl Acetate	2.703	43	3741	4.548	ug/l	93
13) Acrolein	2.233	56	2154	23.904	ug/l	100
14) Acrylonitrile	3.062	53	8499	23.733	ug/l	98
15) Acetone	2.373	58	2325	22.895	ug/l #	63
16) Carbon Disulfide	2.514	76	8132	5.054	ug/l	98
17) Allyl chloride	2.666	41	5089	4.838	ug/l	86
18) Methylene Chloride	2.788	84	2930	4.753	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	3100	5.177	ug/l	96
20) Diisopropyl ether	3.757	45	9721	4.747	ug/l	90
21) 1,1-Dichloroethane	3.605	63	5883	5.088	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	3428	4.873	ug/l	96
23) tert-Butyl Alcohol	2.952	59	3775	22.725	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	9615	4.716	ug/l	97
25) Chloroform	5.086	83	6193	4.942	ug/l	88
26) Cyclohexane	5.458	56	4799	4.993	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	4194	5.249	ug/l	87
30) 2-Butanone	4.556	43	12727	25.175	ug/l #	93
31) 2,2-Dichloropropane	4.470	77	4772m	5.057	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	5603	5.311	ug/l #	86
33) Carbon Tetrachloride	5.671	117	4613	5.066	ug/l	95
34) Benzene	6.031	78	12409	5.414	ug/l	98
35) Methacrylonitrile	4.909	41	2552	4.732	ug/l	76
36) 1,2-Dichloroethane	6.086	62	5333	5.355	ug/l #	77
37) Trichloroethene	7.122	130	2960	5.228	ug/l	100
38) Methylcyclohexane	7.378	83	5095	5.401	ug/l	99
39) 1,2-Dichloropropane	7.427	63	2906	5.337	ug/l	97
40) Dibromomethane	7.580	93	2407	5.331	ug/l	96
41) Bromodichloromethane	7.817	83	4697	5.124	ug/l	99
42) Vinyl Acetate	3.721	43	46051	24.645	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040824.D
 Acq On : 28 Mar 2024 15:39
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:50:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	4665	4.674	ug/l #	87
44) Isopropyl Acetate	6.336	43	7499	4.770	ug/l	95
45) 1,4-Dioxane	7.653	88	1324	89.943	ug/l #	91
46) Methyl methacrylate	7.689	41	3577	4.726	ug/l	85
47) n-amyl Acetate	10.841	43	6481	4.578	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	4406	4.846	ug/l	92
49) cis-1,3-Dichloropropene	8.366	75	4740	5.046	ug/l #	86
50) 1,1,2-Trichloroethane	9.153	97	2803	5.062	ug/l	95
51) Ethyl methacrylate	9.116	69	4537	4.692	ug/l	97
52) 1,3-Dichloropropane	9.305	76	4820	5.065	ug/l	96
53) Dibromochloromethane	9.518	129	3232	4.872	ug/l	97
54) 1,2-Dibromoethane	9.604	107	3334	5.440	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	11867	25.087	ug/l	97
56) Bromoform	10.799	173	2182	4.731	ug/l #	98
58) 4-Methyl-2-Pentanone	8.567	43	25305	23.137	ug/l	97
59) 2-Hexanone	9.427	43	19068	21.877	ug/l	94
61) Tetrachloroethene	9.274	164	2514	4.843	ug/l #	90
62) Toluene	8.714	91	12966	4.951	ug/l	98
64) Chlorobenzene	10.079	112	8579	5.067	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.158	131	2858	4.817	ug/l	93
66) Ethyl Benzene	10.189	91	15086	4.900	ug/l	100
67) m/p-Xylenes	10.299	106	11301	9.999	ug/l	99
68) o-Xylene	10.640	106	5103	4.793	ug/l	89
69) Styrene	10.652	104	8794	4.760	ug/l	96
70) Isopropylbenzene	10.957	105	14332	4.941	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	4898	4.863	ug/l	96
72) 1,2,3-Trichloropropane	11.238	75	3928	4.606	ug/l	92
73) Bromobenzene	11.195	156	3202	4.630	ug/l	98
74) n-propylbenzene	11.305	91	16660	4.601	ug/l	98
75) 2-Chlorotoluene	11.359	91	9878	4.614	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	11779	4.693	ug/l	94
77) t-1,4-Dichloro-2-butene	11.018	75	1407m	4.147	ug/l	
78) 4-Chlorotoluene	11.451	91	11832	4.650	ug/l	96
79) tert-butylbenzene	11.713	119	11170	4.625	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	11183	4.496	ug/l	99
81) sec-Butylbenzene	11.890	105	14603	4.715	ug/l	98
82) p-Isopropyltoluene	12.006	119	12083	4.608	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	6284	4.679	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	6608	4.775	ug/l	97
85) n-Butylbenzene	12.329	91	11665	4.473	ug/l	98
86) Hexachloroethane	12.536	117	2065	4.432	ug/l	86
87) 1,2-Dichlorobenzene	12.335	146	6012	4.628	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1031	3.977	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	4351	4.801	ug/l	96
90) Hexachlorobutadiene	13.725	225	1620	4.767	ug/l	95
91) Naphthalene	13.774	128	13071	4.313	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	3928	4.547	ug/l	94

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

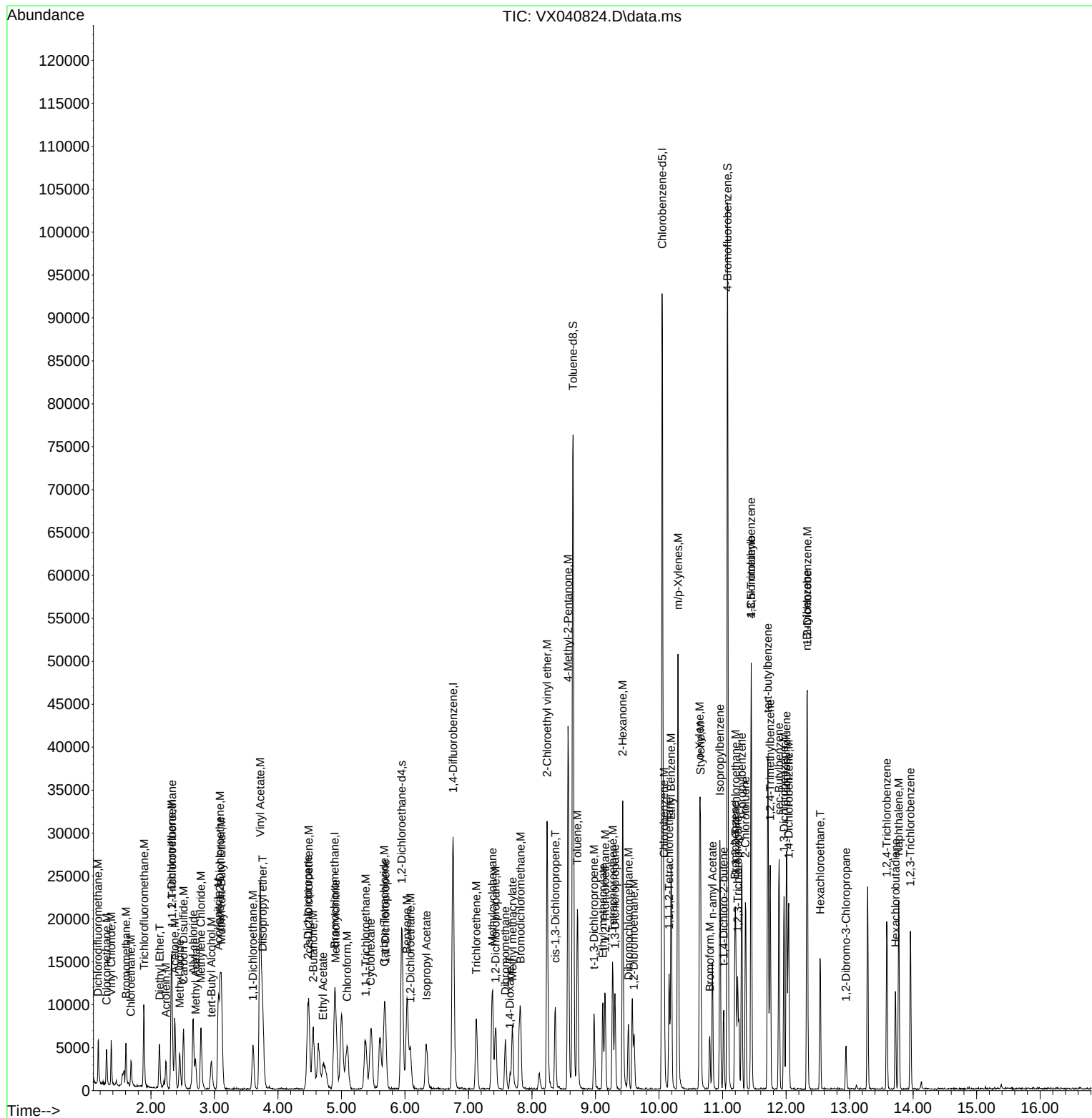
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
Data File : VX040824.D
Acq On : 28 Mar 2024 15:39
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

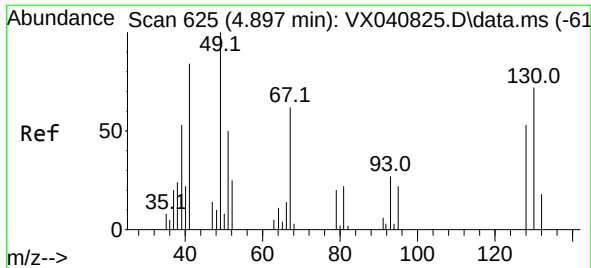
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Mar 29 04:50:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 29 04:49:13 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

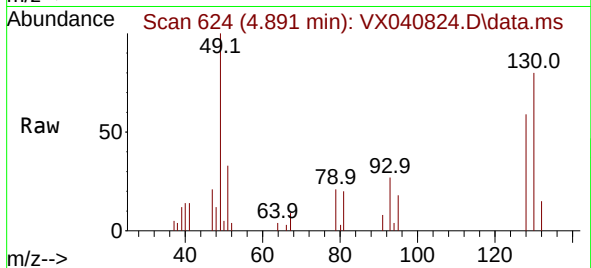
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

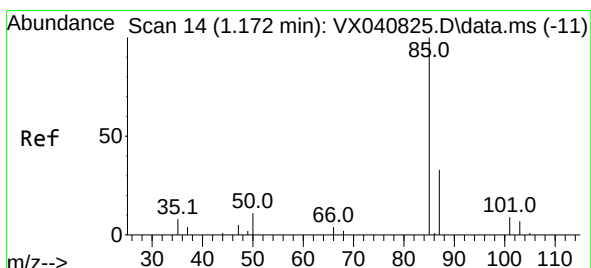
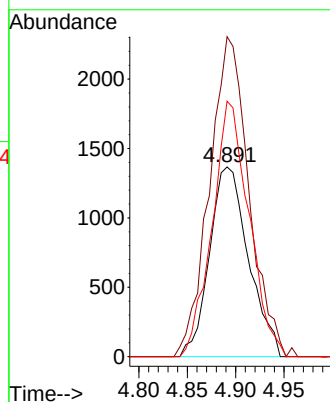
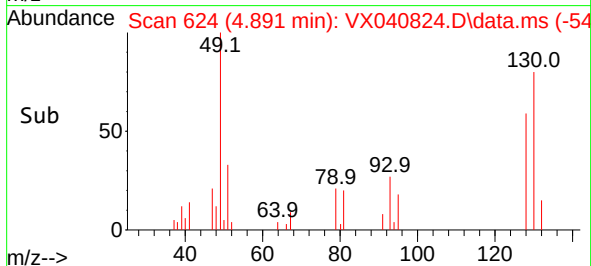
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 382
Ion Ratio Lower Upper
128 100
49 170.5 0.0 444.0
130 127.6 0.0 297.8

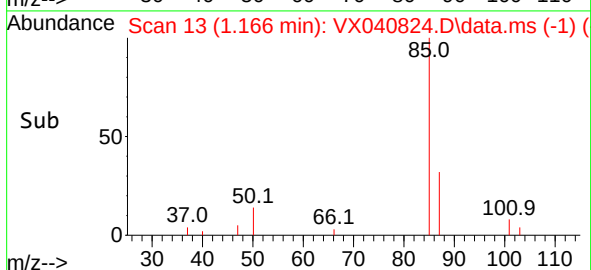
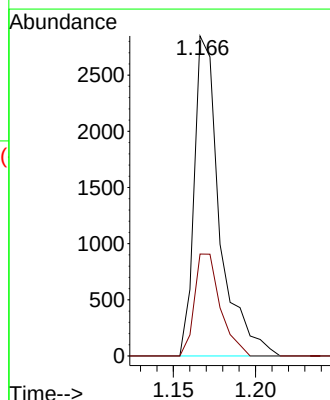
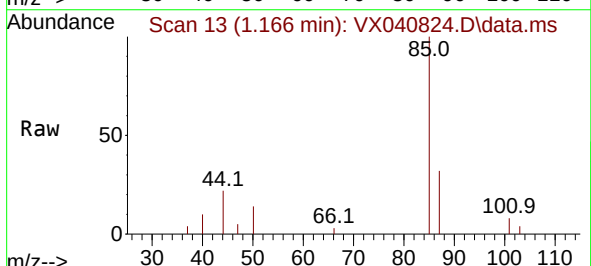
Manual Integrations
APPROVED

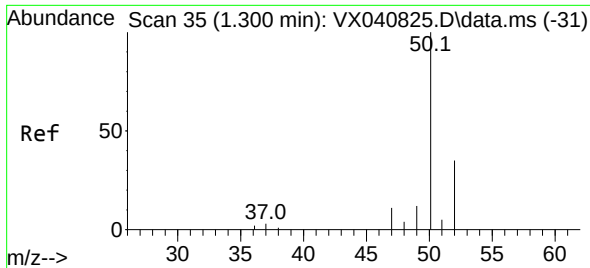
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#2
Dichlorodifluoromethane
Concen: 4.585 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 85 Resp: 3072
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





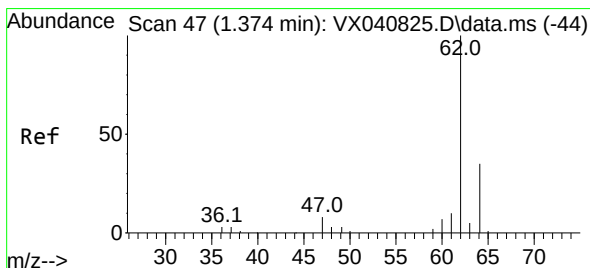
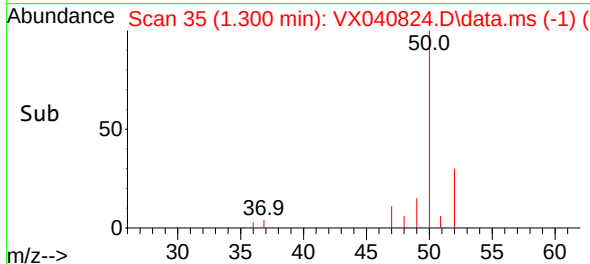
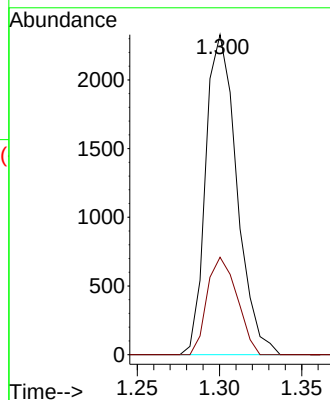
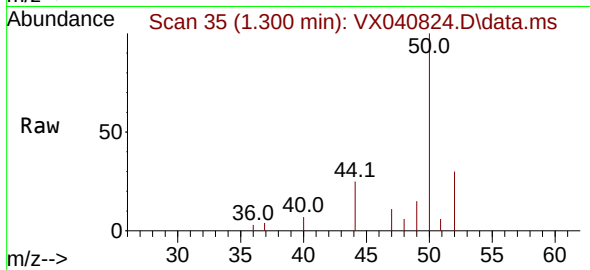
#3
Chloromethane
Concen: 5.023 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 3072
Ion Ratio Lower Upper
50 100
52 30.4 27.8 41.8

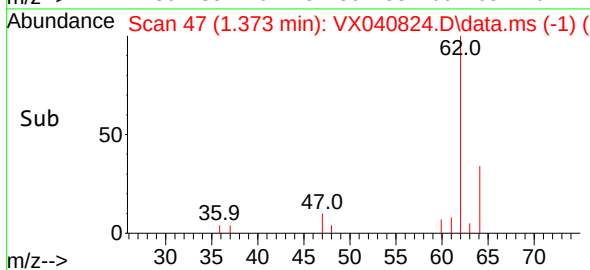
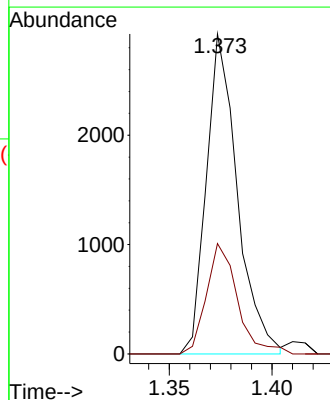
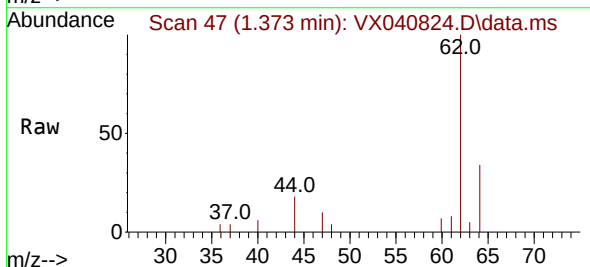
Manual Integrations
APPROVED

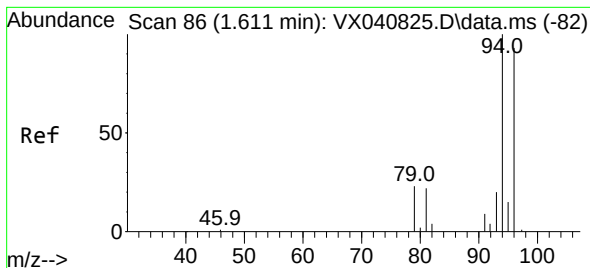
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#4
Vinyl Chloride
Concen: 4.860 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 62 Resp: 3063
Ion Ratio Lower Upper
62 100
64 34.5 26.3 39.5





#5

Bromomethane

Concen: 5.252 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 209

Ion Ratio Lower Upper

94 100

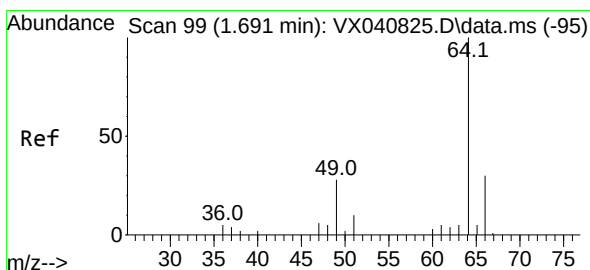
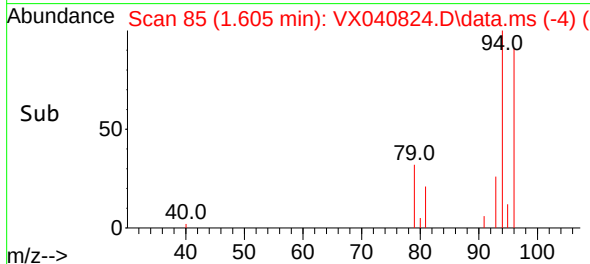
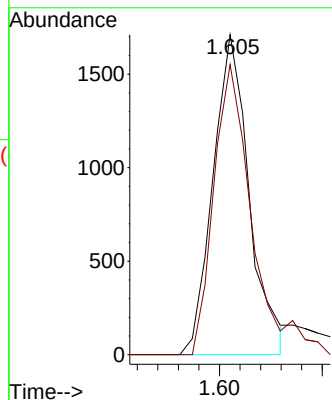
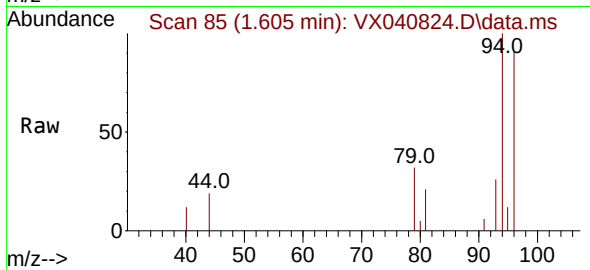
96 90.6 74.9 112.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#6

Chloroethane

Concen: 4.927 ug/l

RT: 1.684 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX040824.D

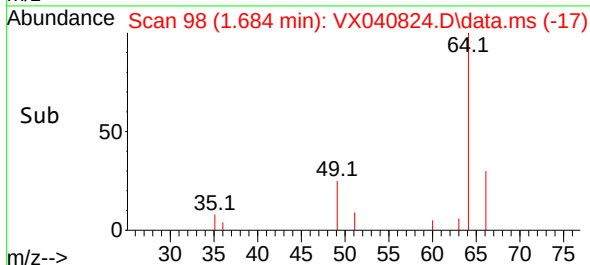
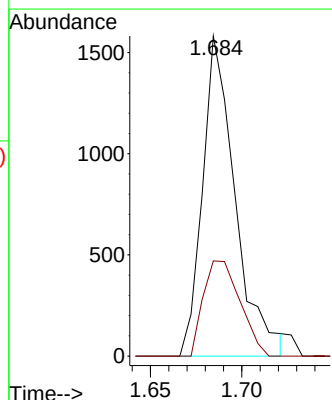
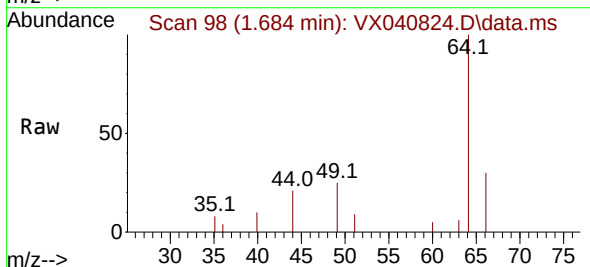
Acq: 28 Mar 2024 15:39

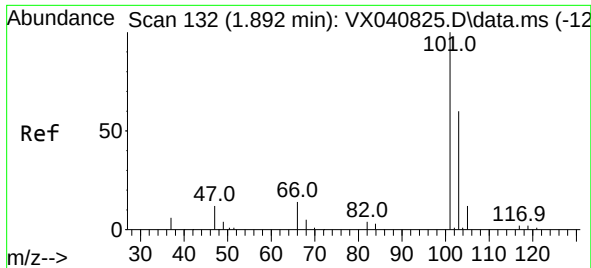
Tgt Ion: 64 Resp: 1964

Ion Ratio Lower Upper

64 100

66 29.7 25.0 37.6





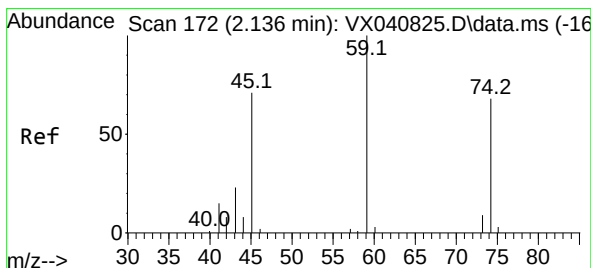
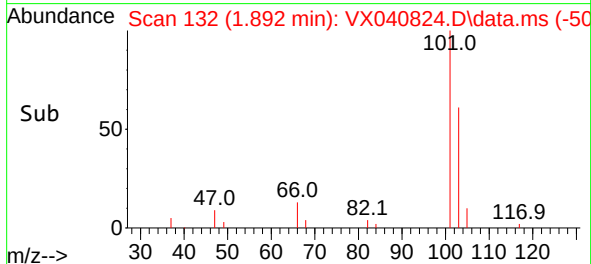
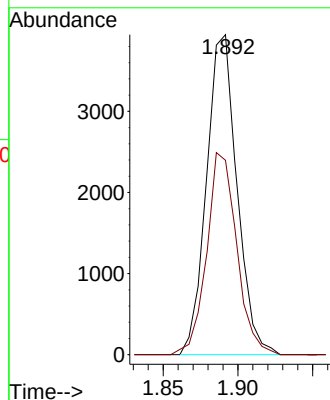
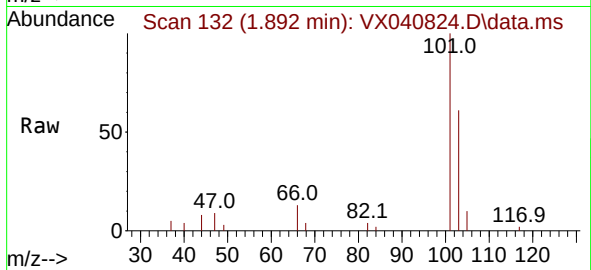
#7
Trichlorofluoromethane
Concen: 5.119 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 5594
Ion Ratio Lower Upper
101 100
103 60.8 49.1 73.7

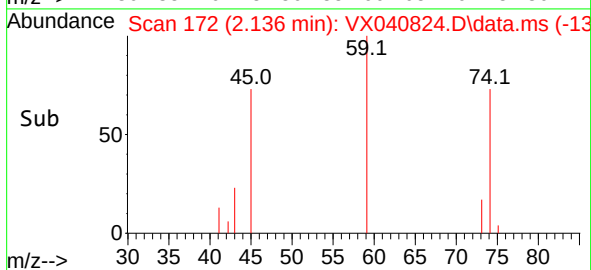
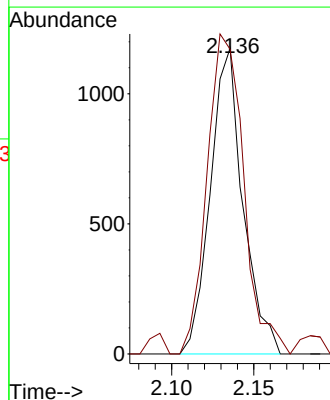
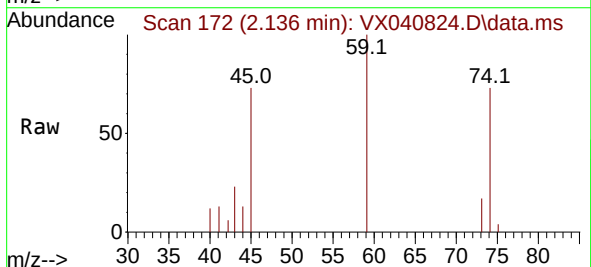
Manual Integrations
APPROVED

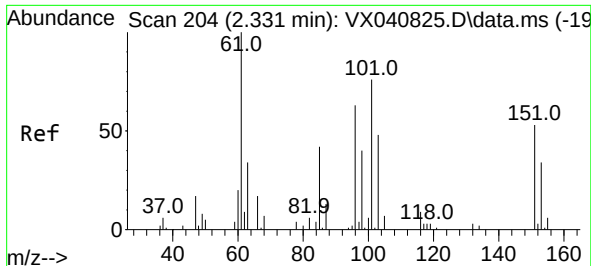
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#8
Diethyl Ether
Concen: 4.761 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 74 Resp: 1622
Ion Ratio Lower Upper
74 100
45 117.5 20.5 184.5





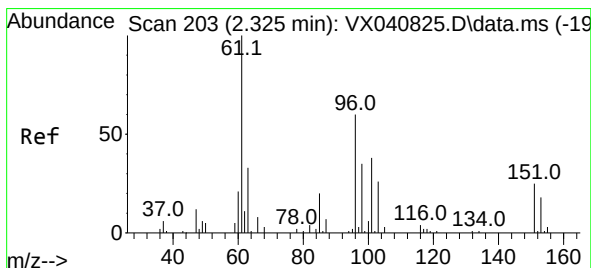
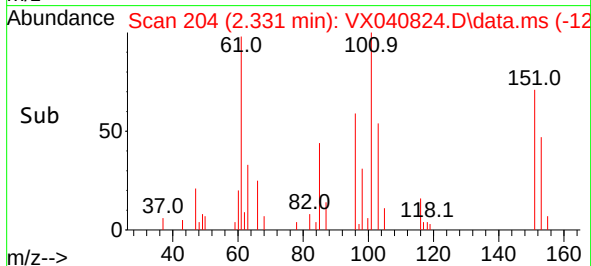
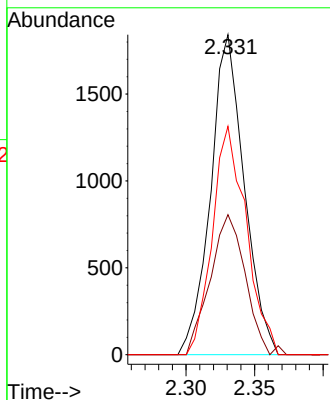
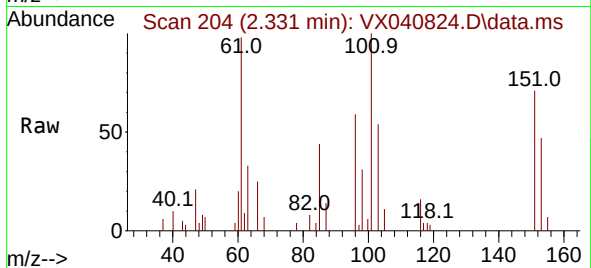
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.154 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 315
Ion Ratio Lower Upper
101 100
85 45.2 0.0 95.2
151 71.8 0.0 136.8

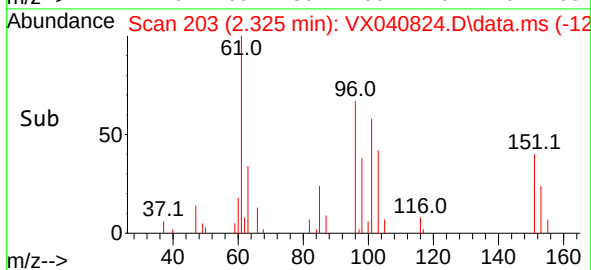
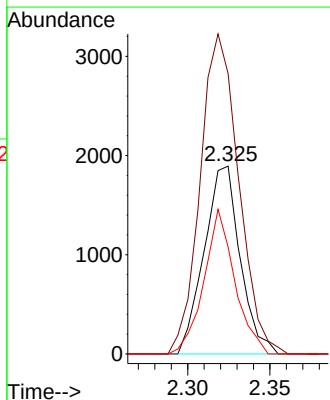
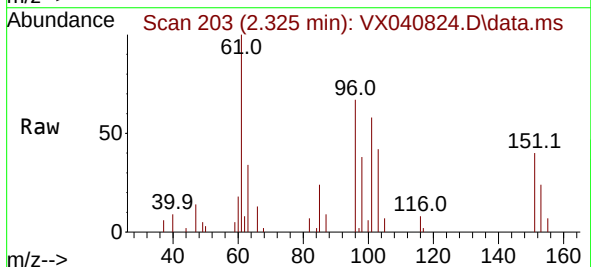
Manual Integrations
APPROVED

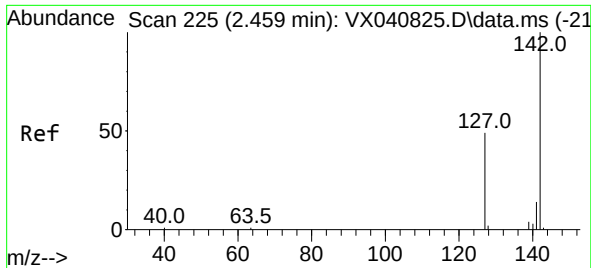
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
1,1-Dichloroethene
Concen: 5.020 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 96 Resp: 2876
Ion Ratio Lower Upper
96 100
61 145.6 138.3 207.5
98 56.9 49.8 74.6





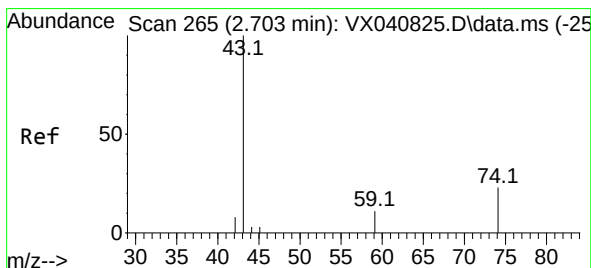
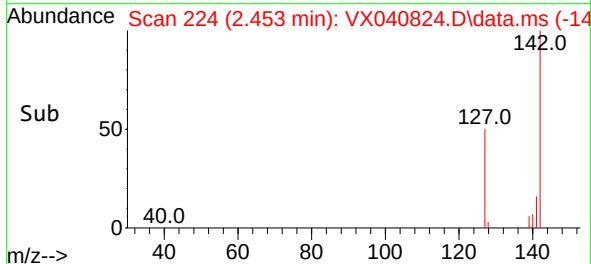
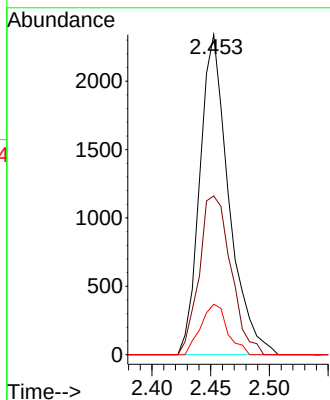
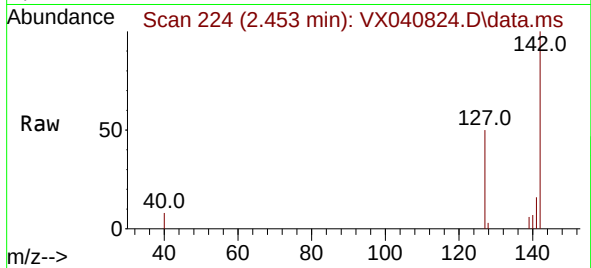
#11
Methyl Iodide
Concen: 5.134 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:142 Resp: 402
Ion Ratio Lower Upper
142 100
127 49.6 23.8 71.4
141 15.8 6.9 20.6

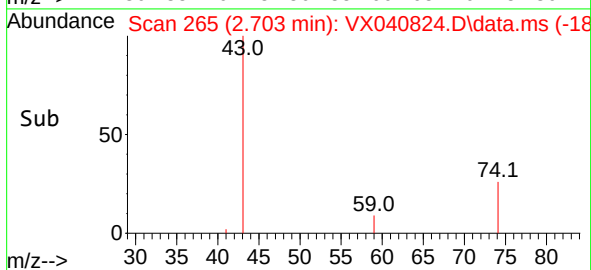
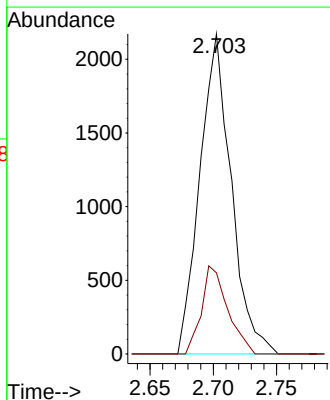
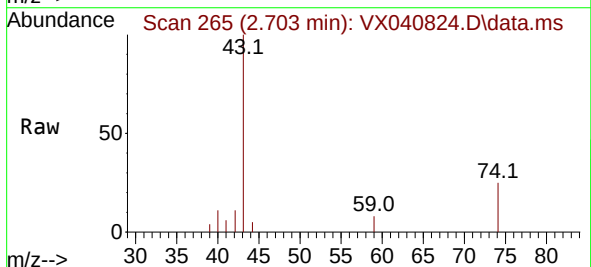
Manual Integrations
APPROVED

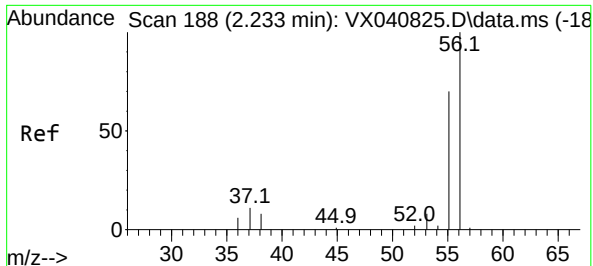
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#12
Methyl Acetate
Concen: 4.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

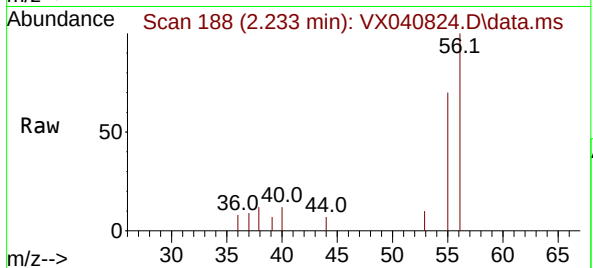
Tgt Ion: 43 Resp: 3741
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.6





#13
Acrolein
Concen: 23.904 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

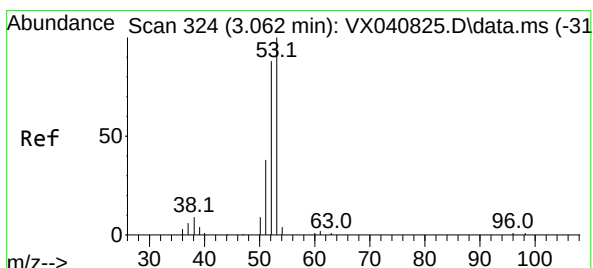
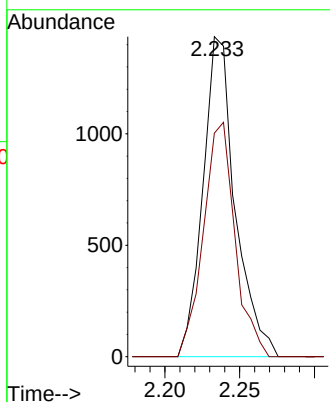
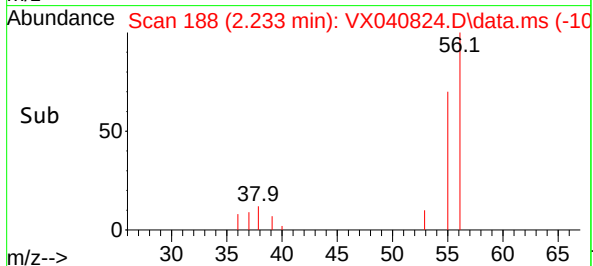
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



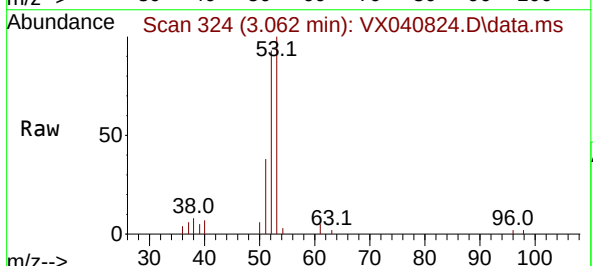
Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
55 71.6 57.2 85.8

Manual Integrations
APPROVED

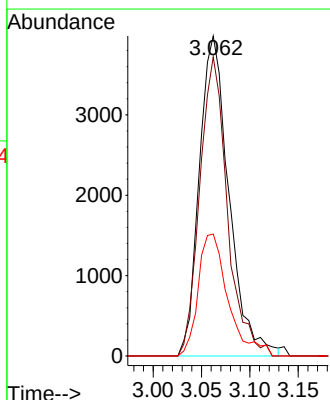
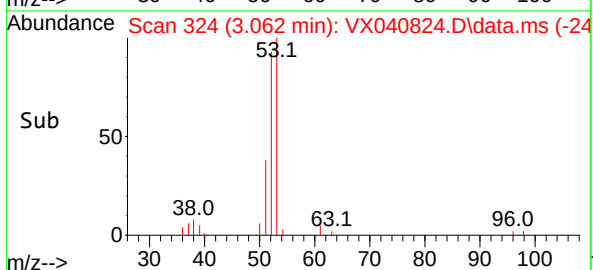
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

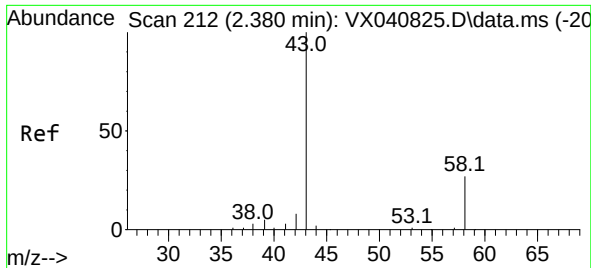


#14
Acrylonitrile
Concen: 23.733 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39



Tgt Ion: 53 Resp: 8499
Ion Ratio Lower Upper
53 100
52 86.2 41.9 125.6
51 36.5 18.3 54.9





#15

Acetone

Concen: 22.895 ug/l

RT: 2.373 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 232

Ion Ratio Lower Upper

58 100

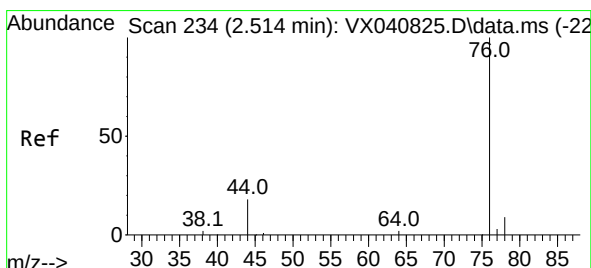
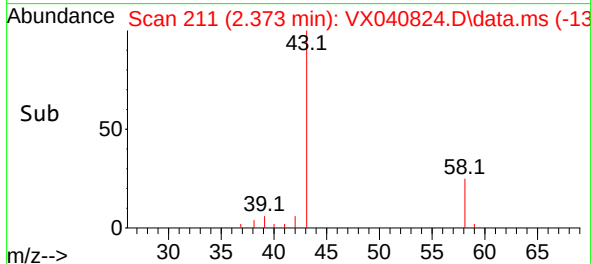
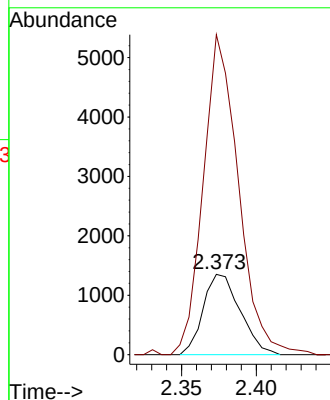
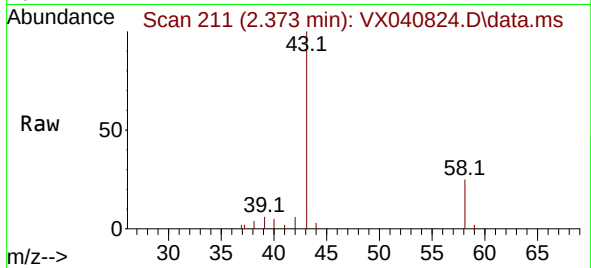
43 387.1 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#16

Carbon Disulfide

Concen: 5.054 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040824.D

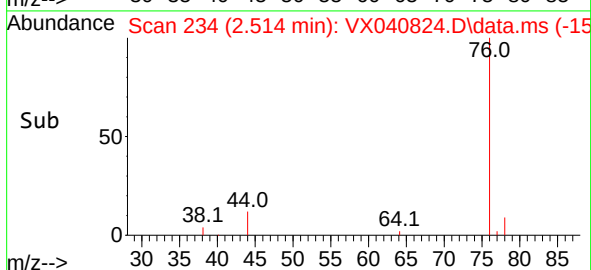
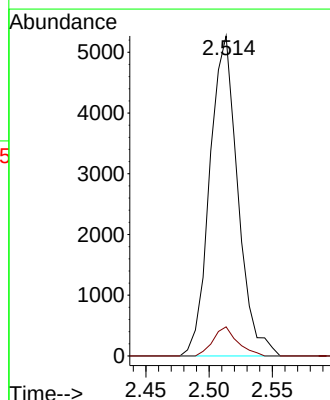
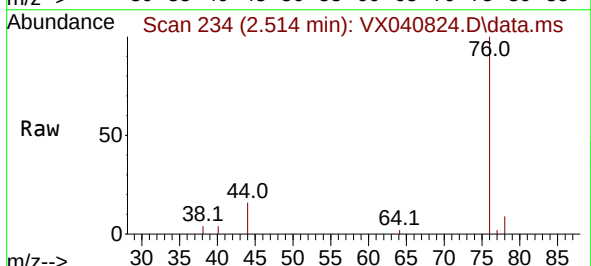
Acq: 28 Mar 2024 15:39

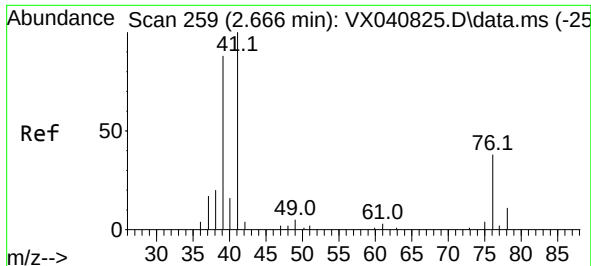
Tgt Ion: 76 Resp: 8132

Ion Ratio Lower Upper

76 100

78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 4.838 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

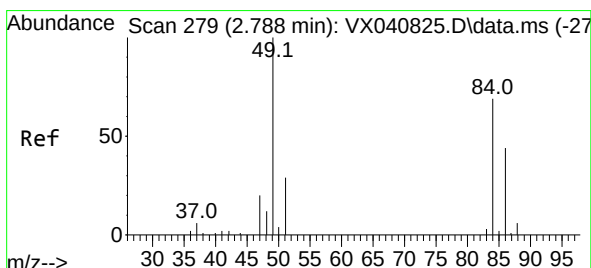
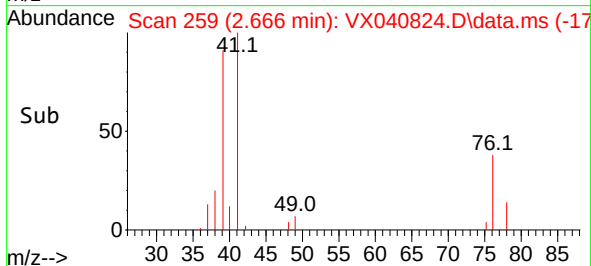
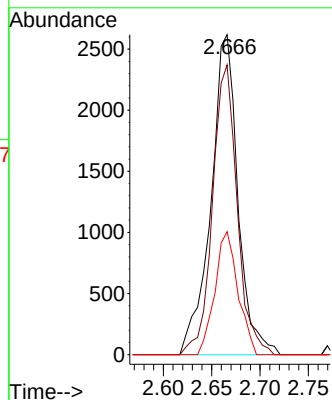
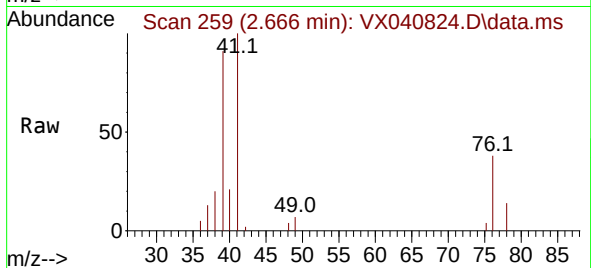
Tgt Ion: 41	Resp: 5089
Ion Ratio	Lower Upper
41 100	
39 90.6	36.5 109.5
76 38.4	19.7 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#18

Methylene Chloride

Concen: 4.753 ug/l

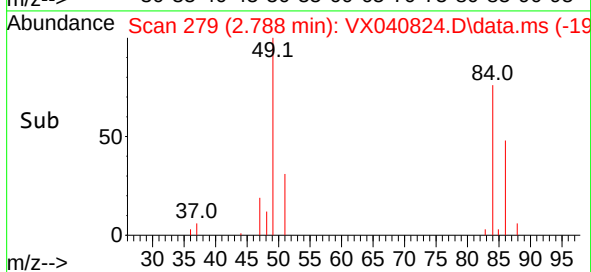
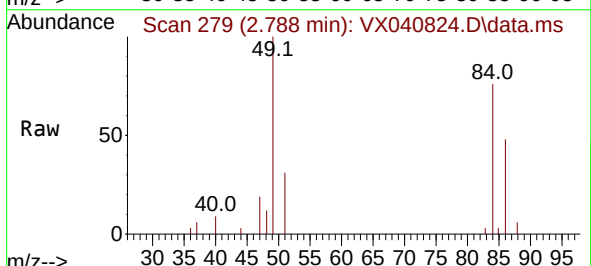
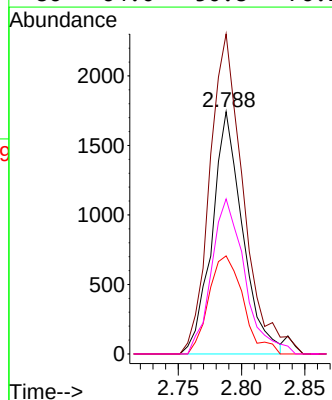
RT: 2.788 min Scan# 279

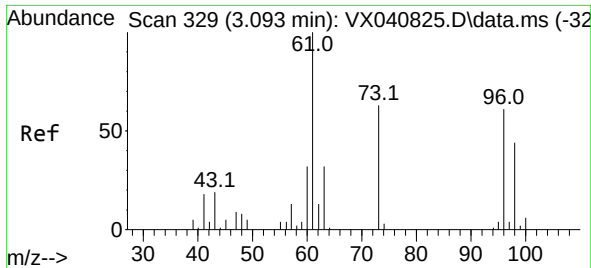
Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion: 84	Resp: 2930
Ion Ratio	Lower Upper
84 100	
49 132.1	103.8 155.8
51 40.5	31.8 47.6
86 64.0	50.8 76.2





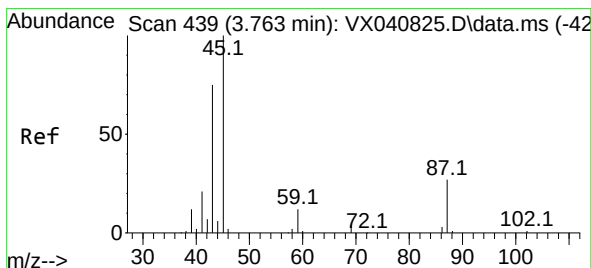
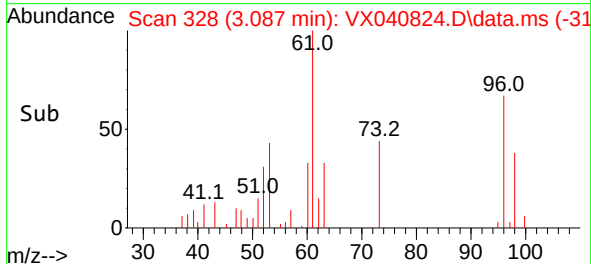
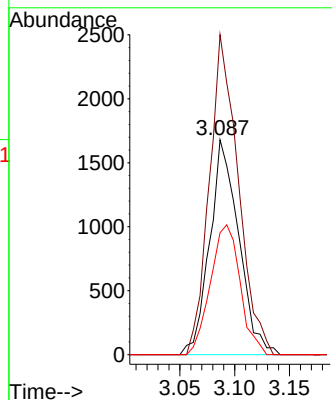
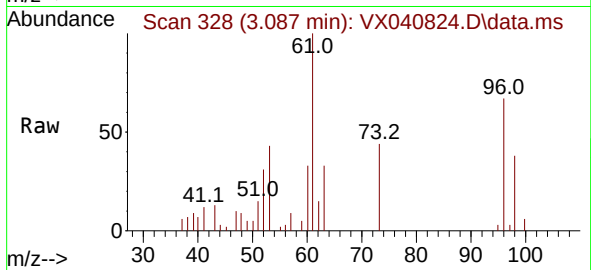
#19
trans-1,2-Dichloroethene
Concen: 5.177 ug/l
RT: 3.087 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 3100
Ion Ratio Lower Upper
96 100
61 149.0 117.9 176.9
98 56.8 51.0 76.6

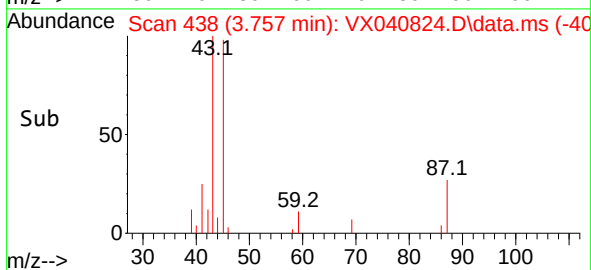
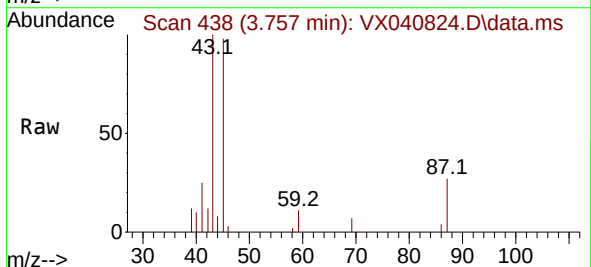
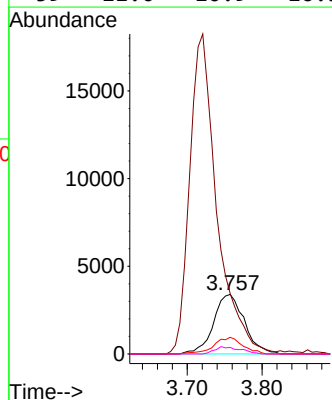
Manual Integrations
APPROVED

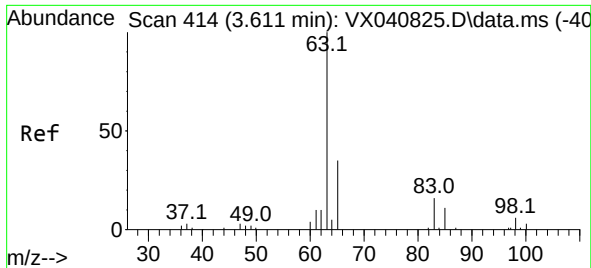
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#20
Diisopropyl ether
Concen: 4.747 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 45 Resp: 9721
Ion Ratio Lower Upper
45 100
43 96.6 67.7 101.5
87 27.9 21.5 32.3
59 11.0 10.9 16.3





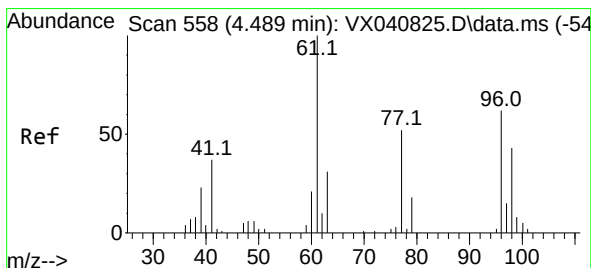
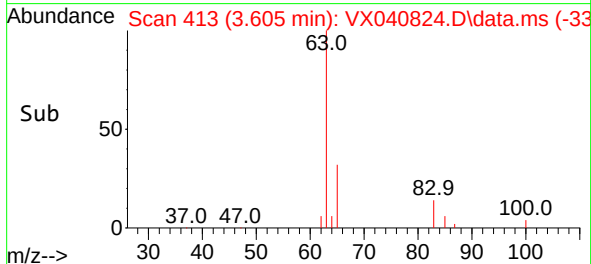
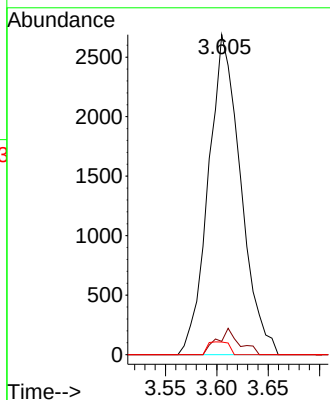
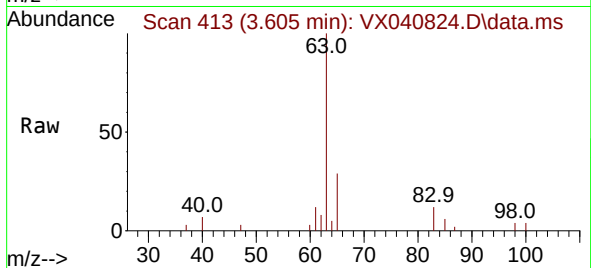
#21
1,1-Dichloroethane
Concen: 5.088 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 588
Ion Ratio Lower Upper
63 100
98 4.1 2.9 8.8
100 3.9 2.0 5.8

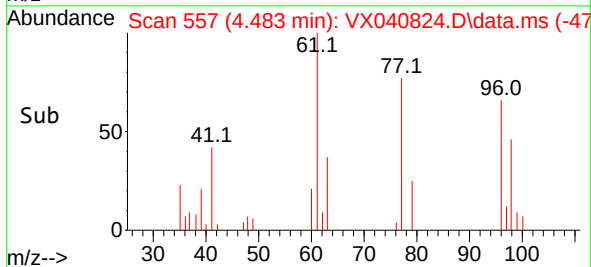
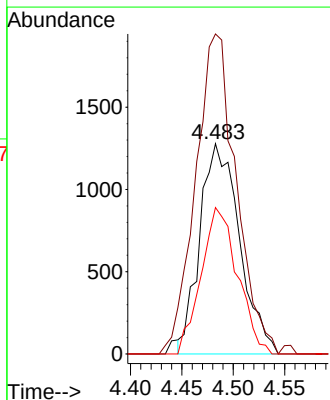
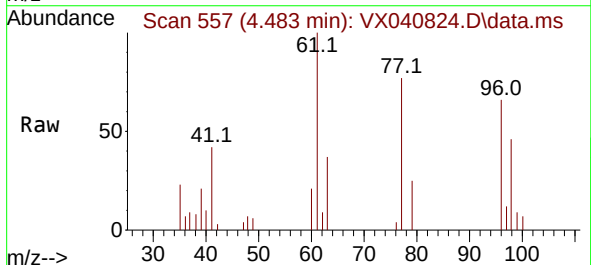
Manual Integrations
APPROVED

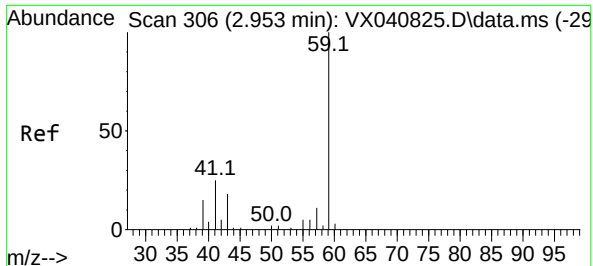
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
cis-1,2-Dichloroethene
Concen: 4.873 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 96 Resp: 3428
Ion Ratio Lower Upper
96 100
61 156.1 119.8 179.6
98 64.1 50.9 76.3





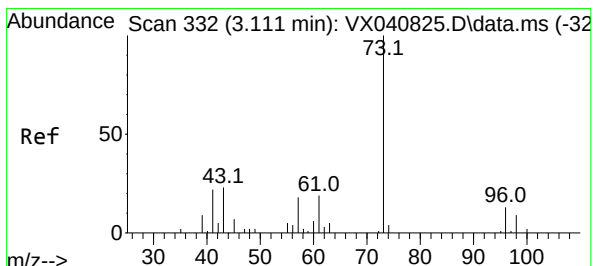
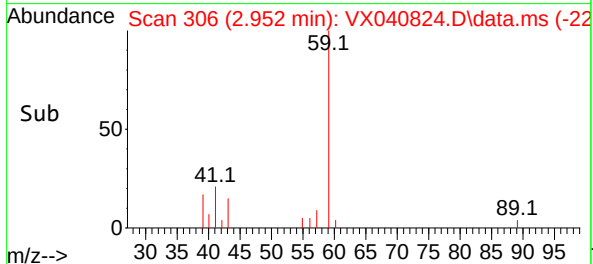
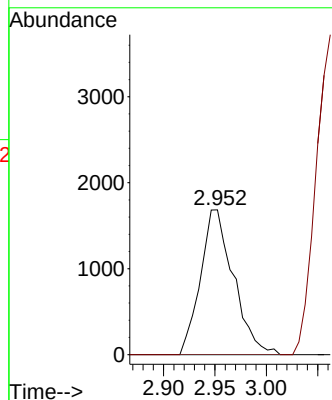
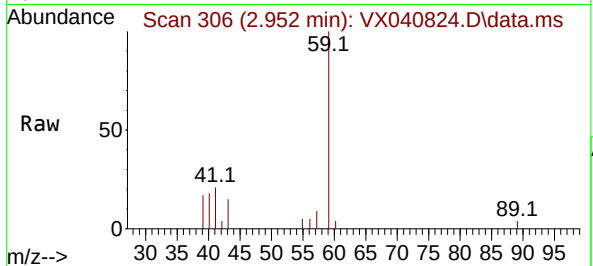
#23
tert-Butyl Alcohol
Concen: 22.725 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 3775
Ion Ratio Lower Upper
59 100
52 194.0 0.0 0.0

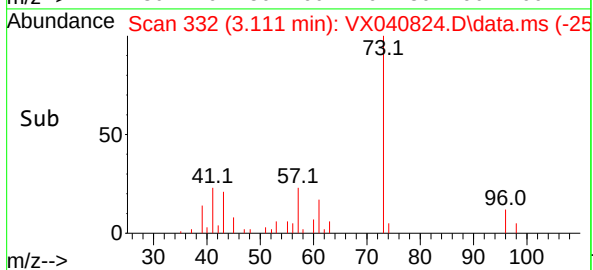
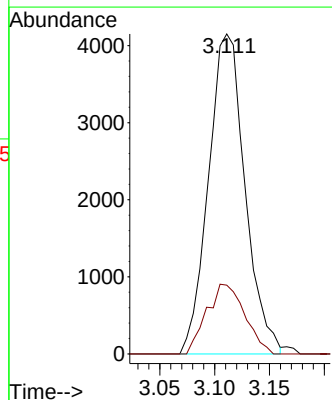
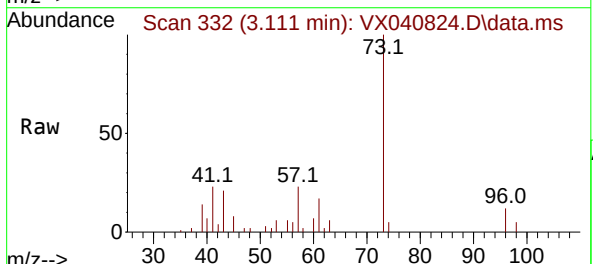
Manual Integrations
APPROVED

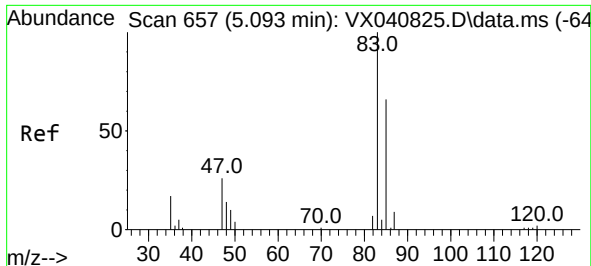
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#24
Methyl tert-Butyl Ether
Concen: 4.716 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 73 Resp: 9615
Ion Ratio Lower Upper
73 100
43 22.8 17.0 25.6





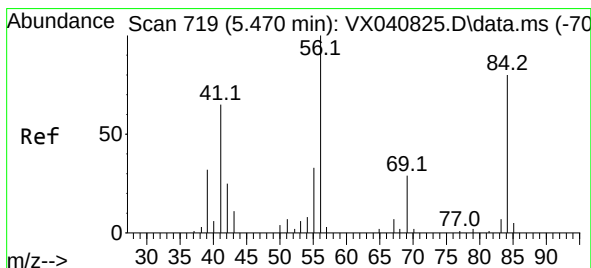
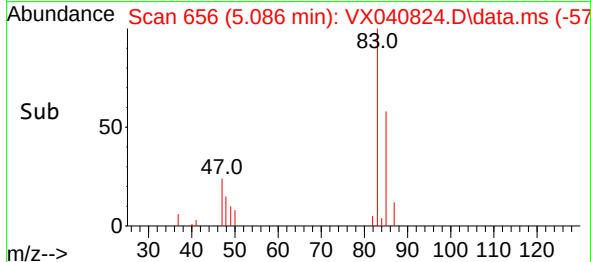
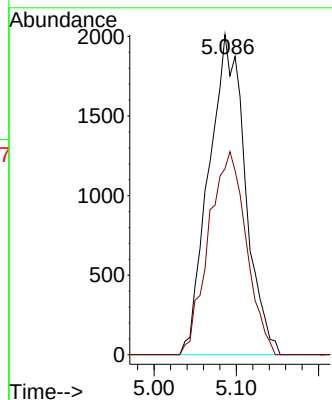
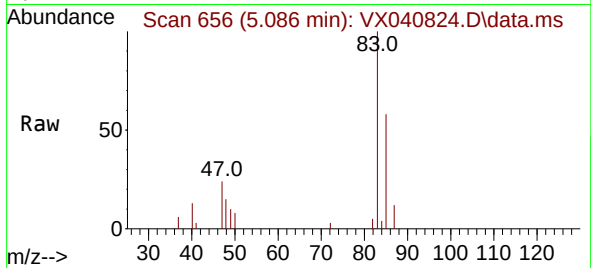
#25
Chloroform
Concen: 4.942 ug/l
RT: 5.086 min Scan# 619
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 619
Ion Ratio Lower Upper
83 100
85 58.2 54.6 81.8

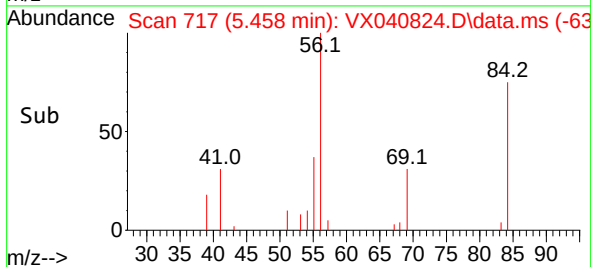
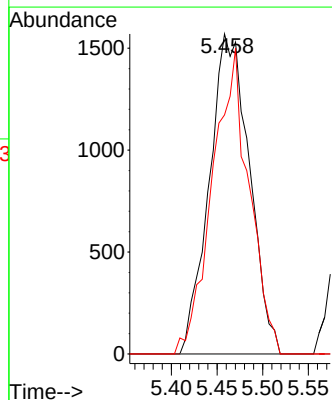
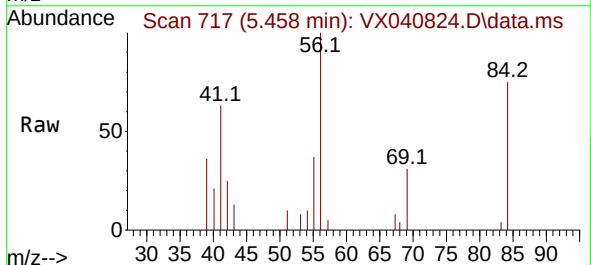
Manual Integrations
APPROVED

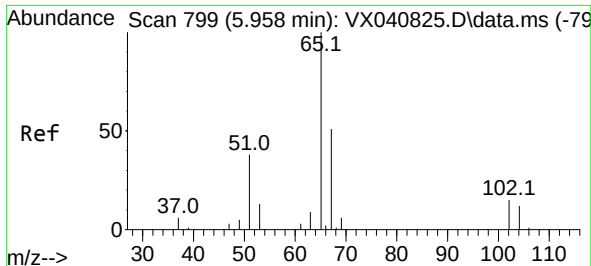
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#26
Cyclohexane
Concen: 4.993 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 56 Resp: 4799
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.3 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 29.294 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

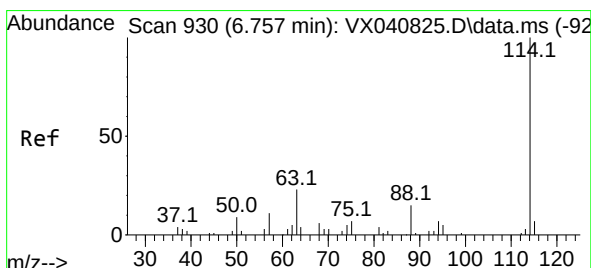
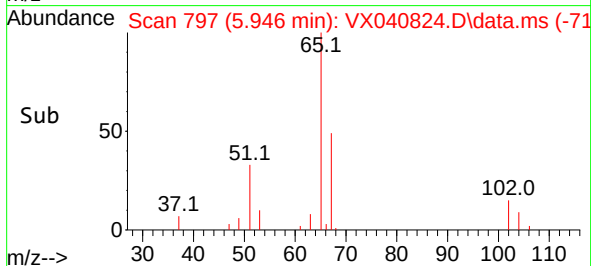
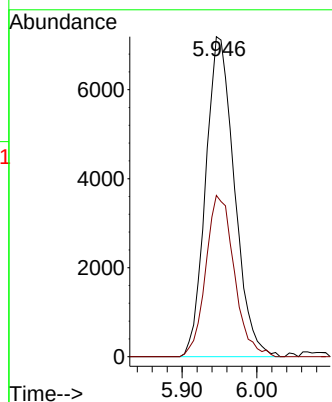
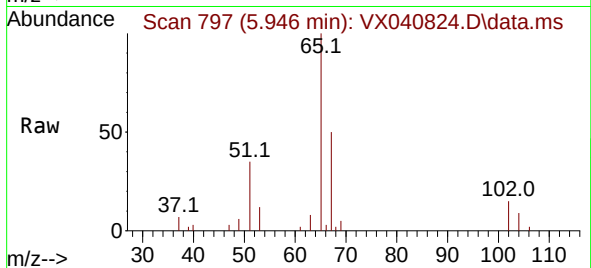
VSTDICC005

Tgt Ion: 65 Resp: 19214
Ion Ratio Lower Upper
65 100
67 49.5 42.5 63.7

Manual Integrations

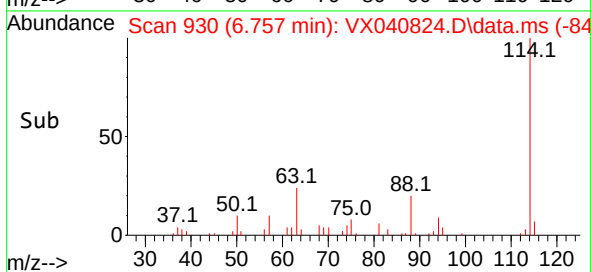
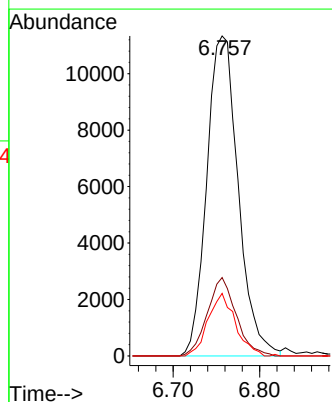
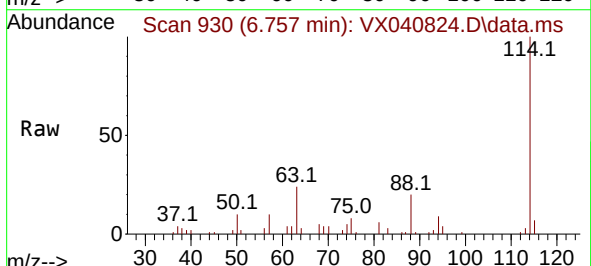
APPROVED

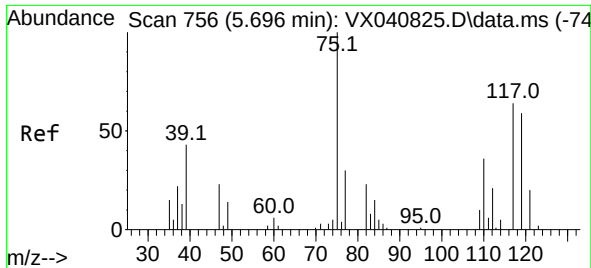
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion:114 Resp: 28634
Ion Ratio Lower Upper
114 100
63 22.4 17.0 25.4
88 16.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

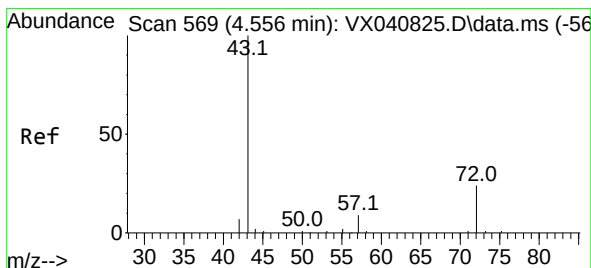
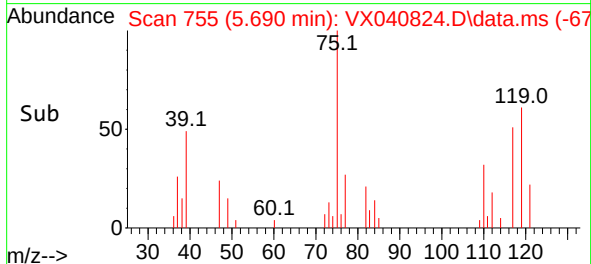
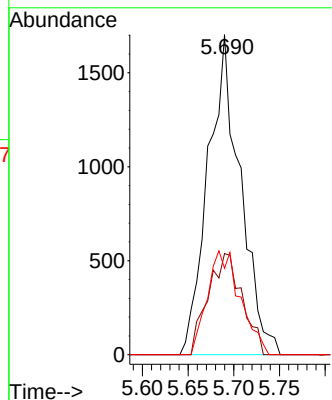
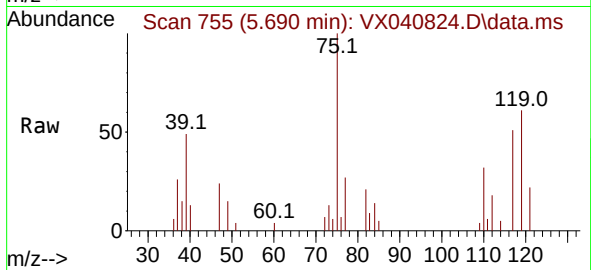
Tgt Ion: 75 Resp: 4194
Ion Ratio Lower Upper
75 100
110 33.3 0.0 71.2
77 18.4 0.0 62.6

Manual Integrations

APPROVED

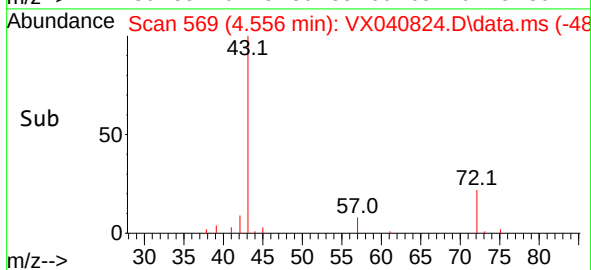
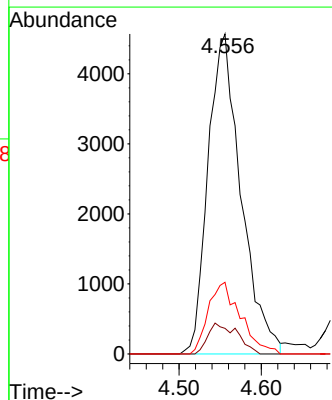
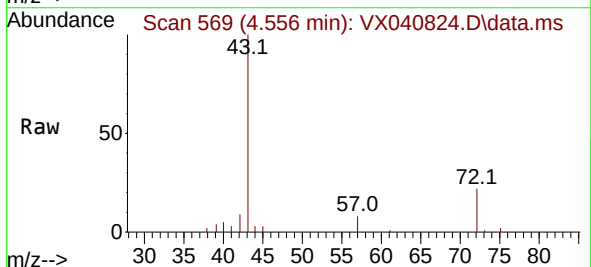
Reviewed By :John Carlone 03/29/2024

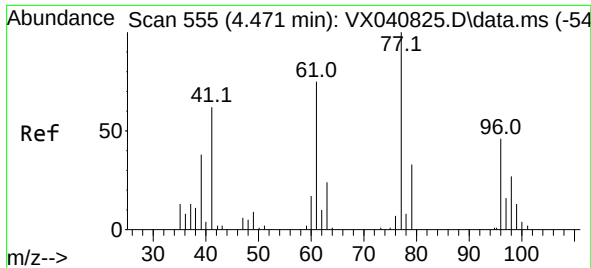
Supervised By :Mahesh Dadoda 03/29/2024



#30
2-Butanone
Concen: 25.175 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 43 Resp: 12727
Ion Ratio Lower Upper
43 100
57 5.9 6.6 10.0#
72 22.0 20.6 31.0





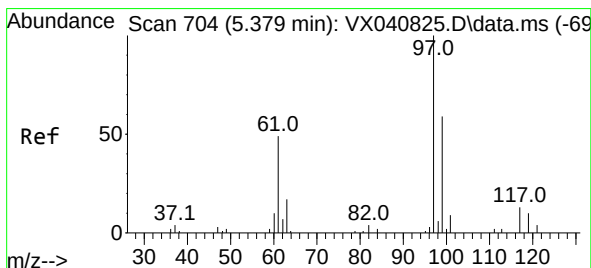
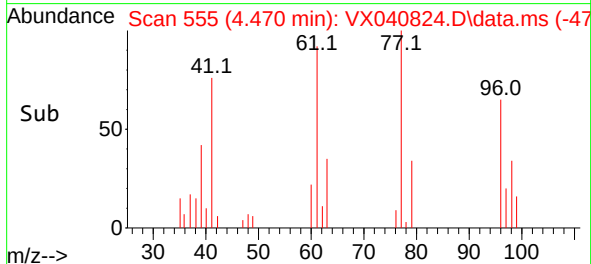
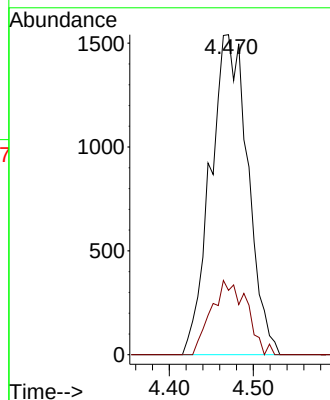
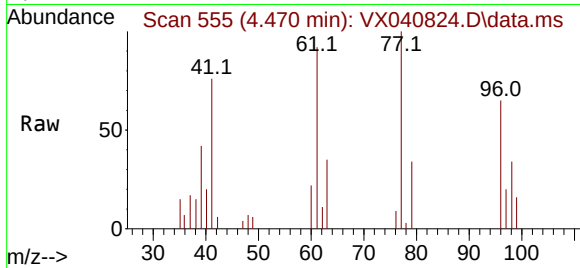
#31
2,2-Dichloropropane
Concen: 5.057 ug/l m
RT: 4.470 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 4772
Ion Ratio Lower Upper
77 100
97 16.2 18.2 27.4

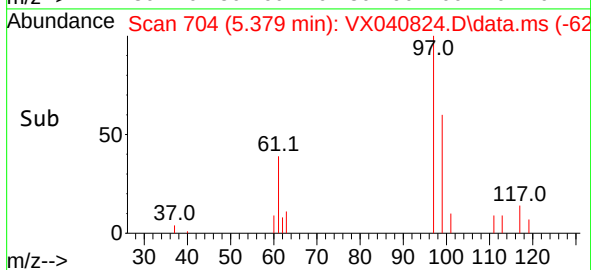
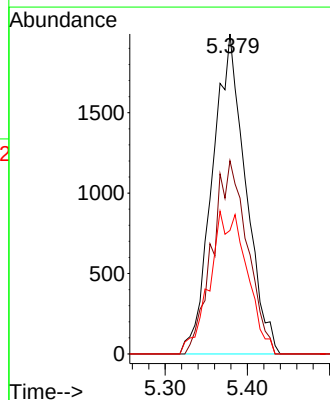
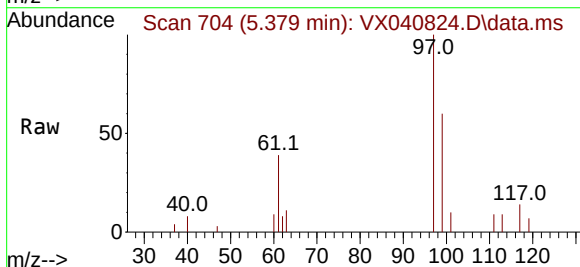
Manual Integrations
APPROVED

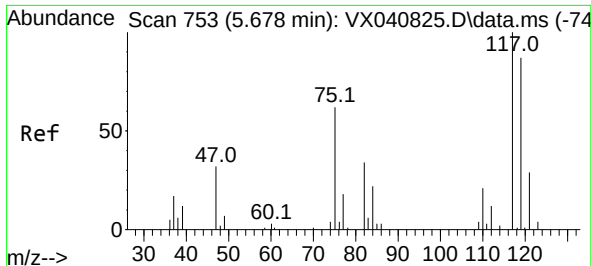
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#32
1,1,1-Trichloroethane
Concen: 5.311 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 97 Resp: 5603
Ion Ratio Lower Upper
97 100
99 63.4 52.6 79.0
61 26.3 36.9 55.3





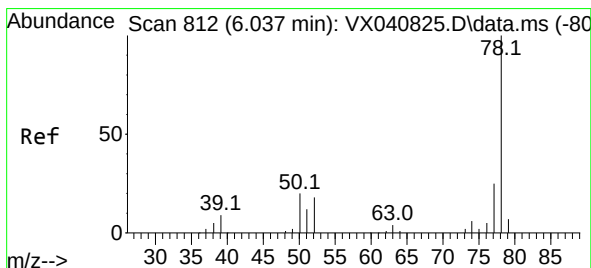
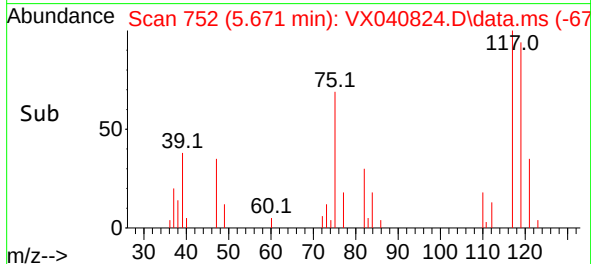
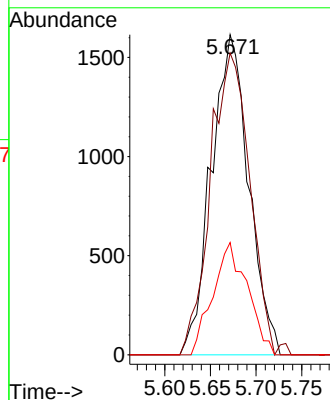
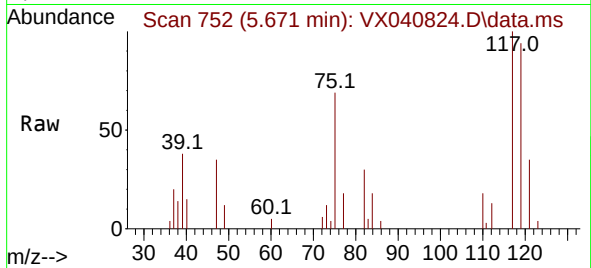
#33
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 117 Resp: 461
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.4
121 35.0 24.7 37.1

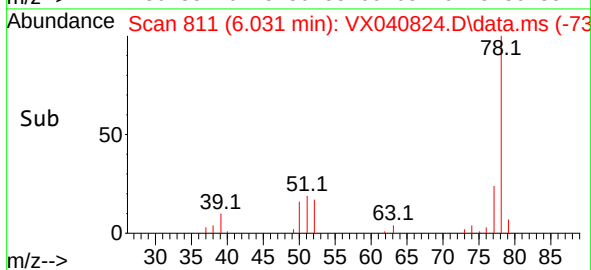
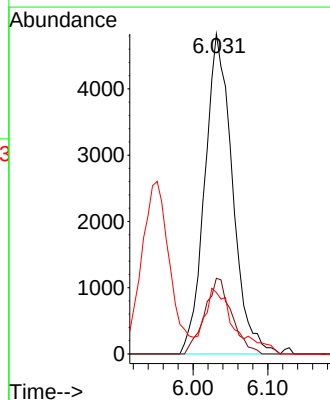
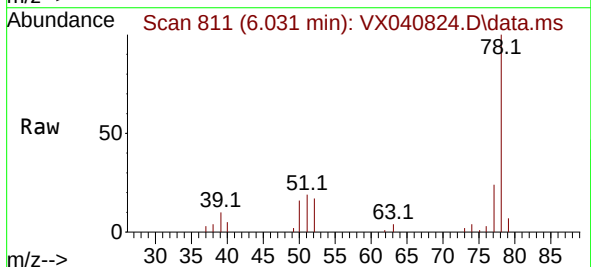
Manual Integrations
APPROVED

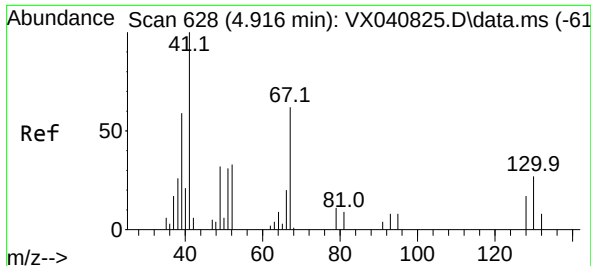
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#34
Benzene
Concen: 5.414 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

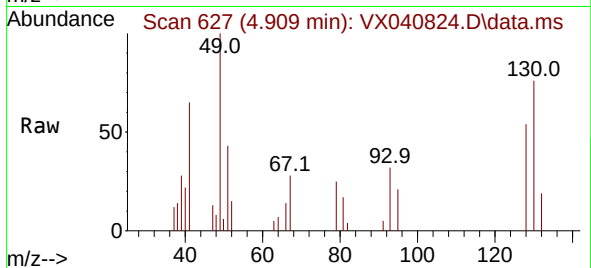
Tgt Ion: 78 Resp: 12409
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 19.2 14.4 21.6





#35
Methacrylonitrile
Concen: 4.732 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

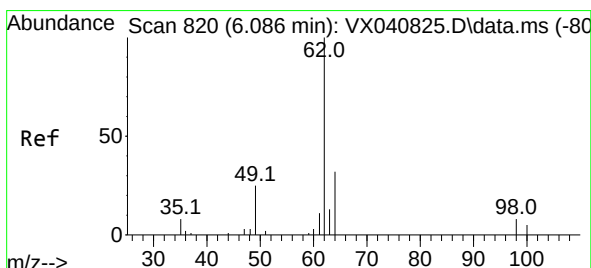
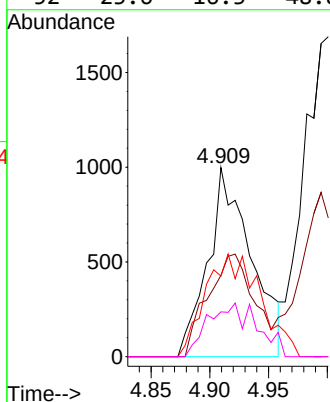
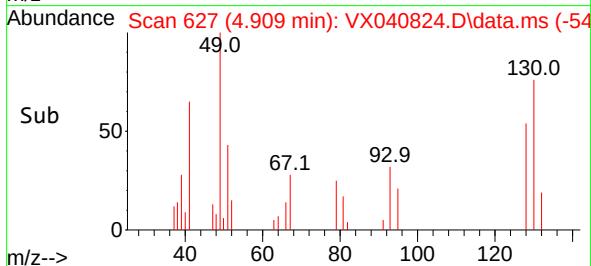
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41	Resp: 255
Ion Ratio	Lower Upper
41	100
39	43.0 28.2 84.7
67	42.6 34.5 103.5
52	23.6 16.3 48.8

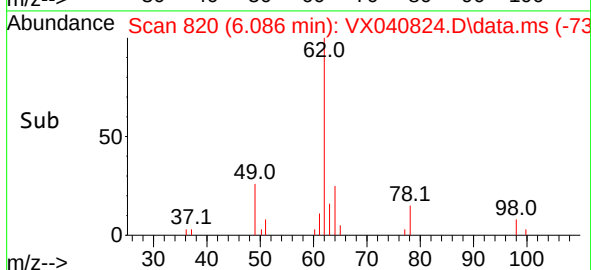
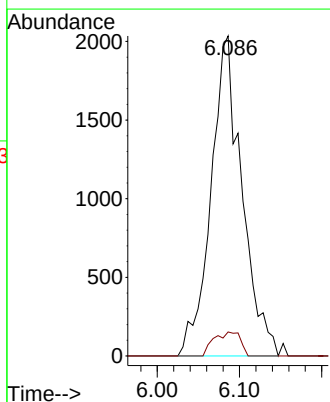
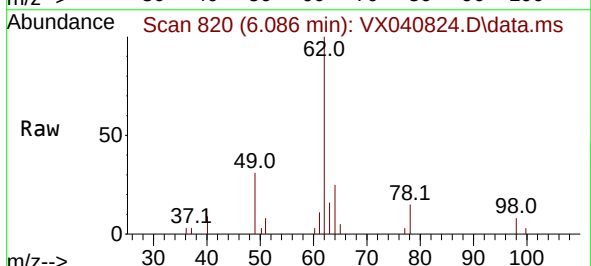
Manual Integrations
APPROVED

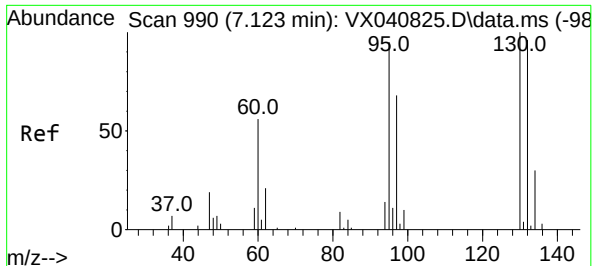
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#36
1,2-Dichloroethane
Concen: 5.355 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 62	Resp: 5333
Ion Ratio	Lower Upper
62	100
98	0.6 7.0 10.4





#37

Trichloroethene

Concen: 5.228 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 2960

Ion Ratio Lower Upper

130 100

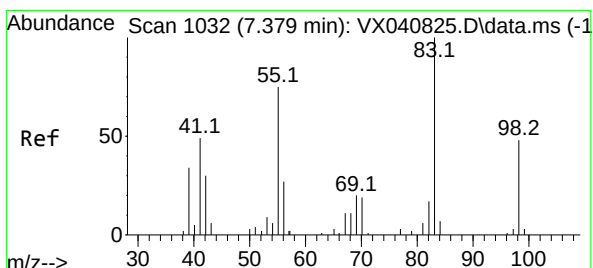
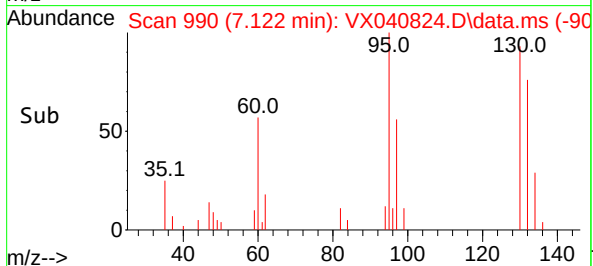
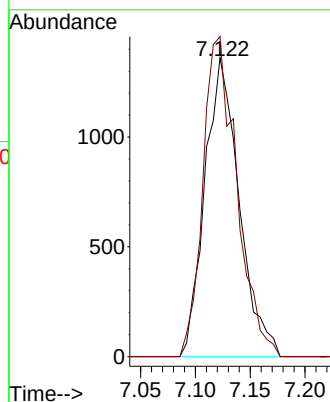
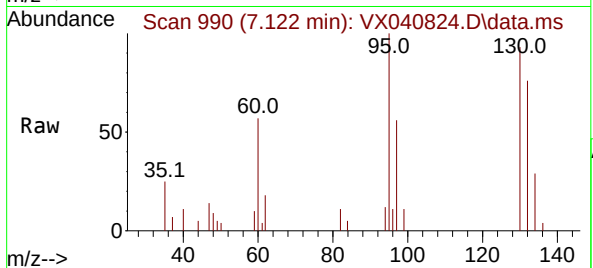
95 107.1 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#38

Methylcyclohexane

Concen: 5.401 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

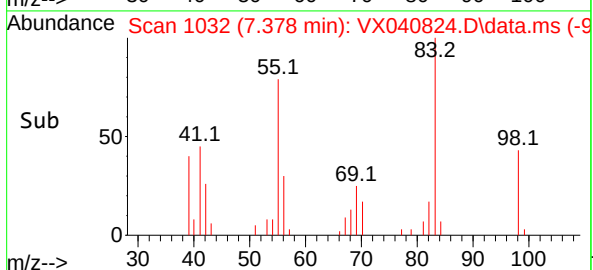
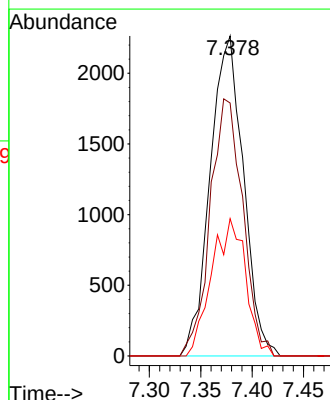
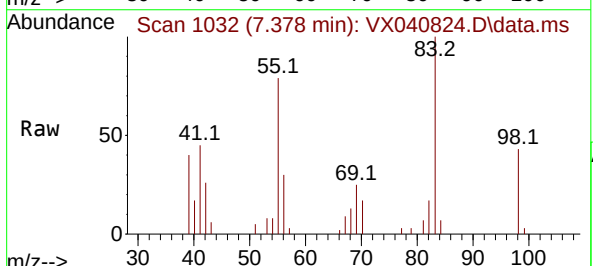
Tgt Ion: 83 Resp: 5095

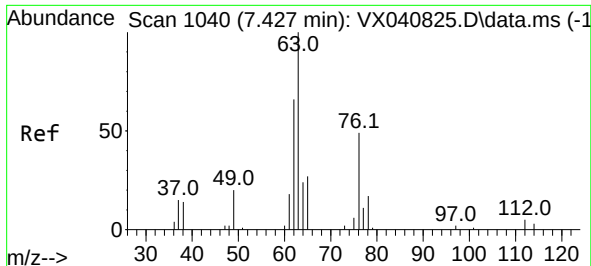
Ion Ratio Lower Upper

83 100

55 78.6 38.6 116.0

98 44.0 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.337 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2900

Ion Ratio Lower Upper

63 100

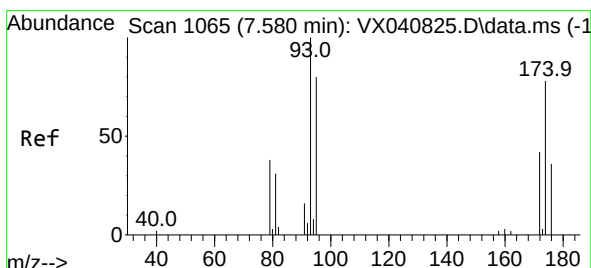
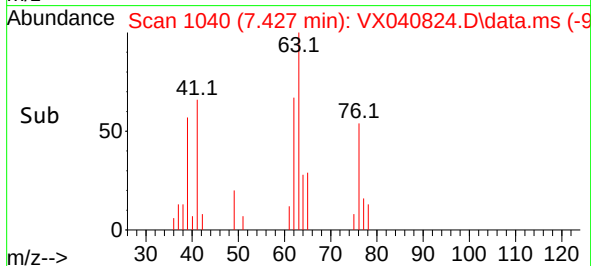
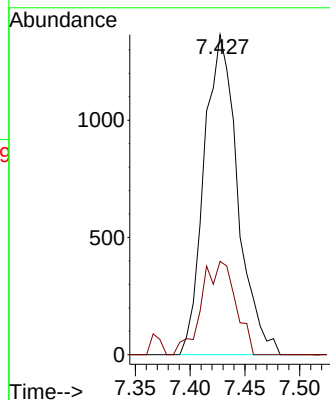
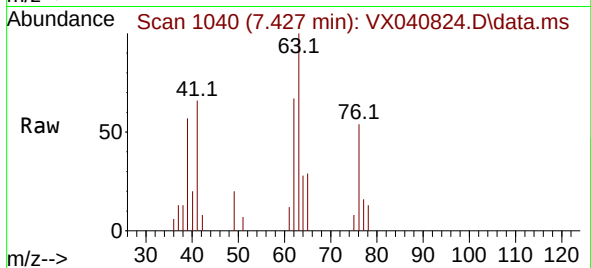
65 29.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Dibromomethane

Concen: 5.331 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

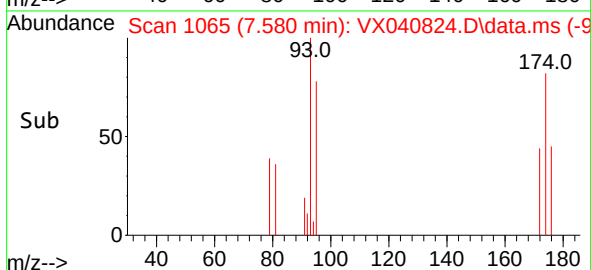
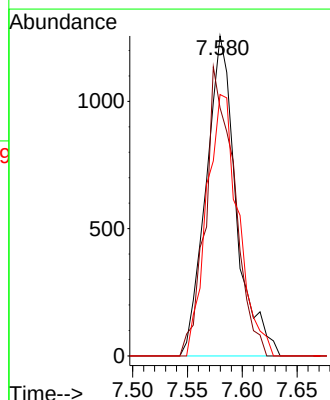
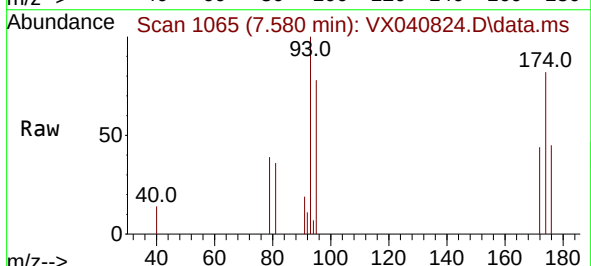
Tgt Ion: 93 Resp: 2407

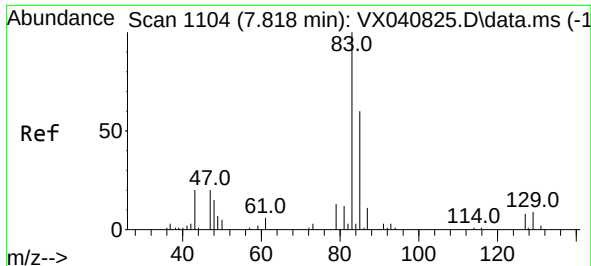
Ion Ratio Lower Upper

93 100

95 86.7 0.0 163.4

174 86.0 0.0 166.4





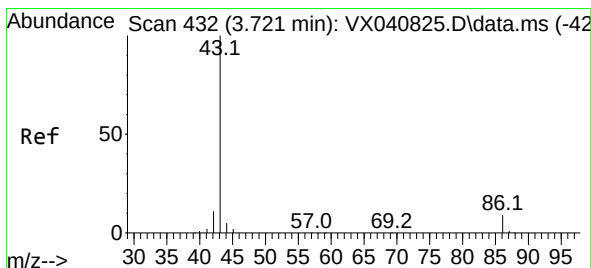
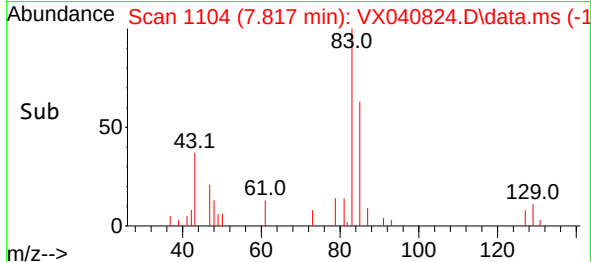
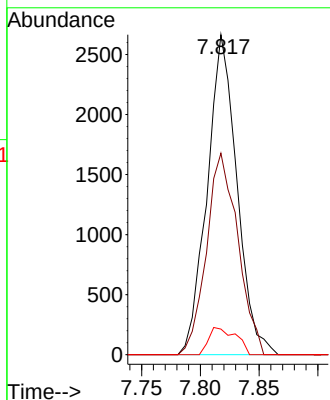
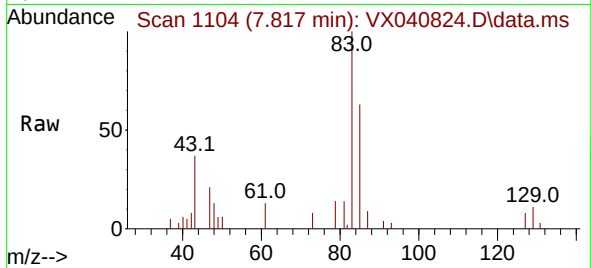
#41
Bromodichloromethane
Concen: 5.124 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 83 Resp: 469
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 8.0 5.9 8.9

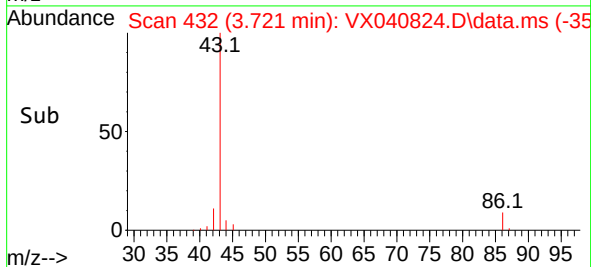
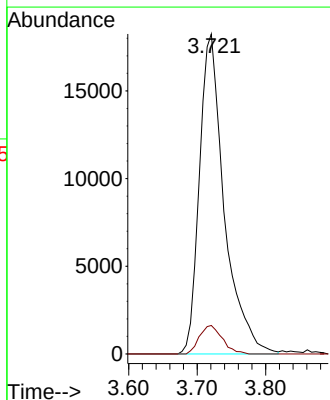
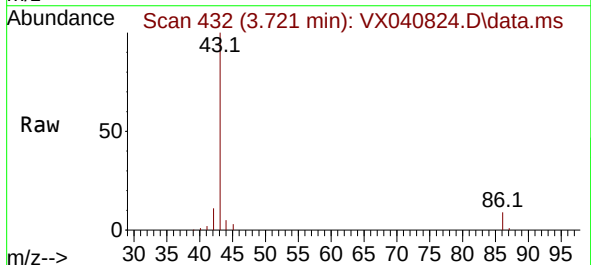
Manual Integrations
APPROVED

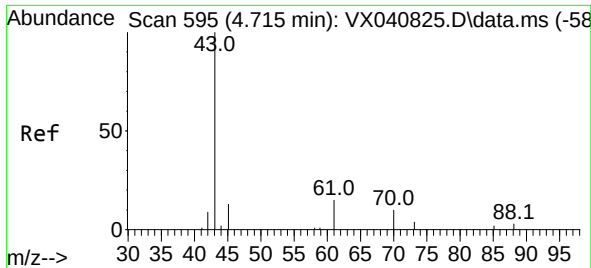
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#42
Vinyl Acetate
Concen: 24.645 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 43 Resp: 46051
Ion Ratio Lower Upper
43 100
86 8.2 6.7 10.1





#43
Ethyl Acetate
Concen: 4.674 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

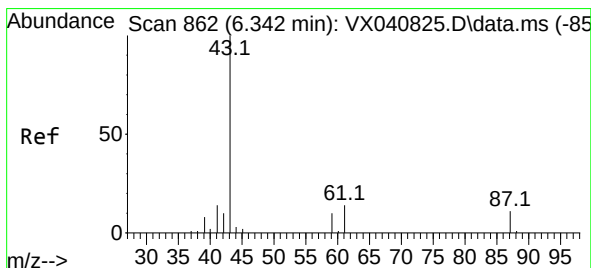
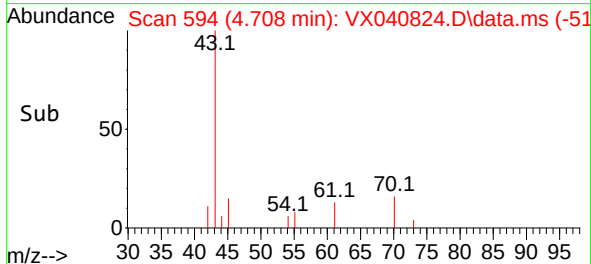
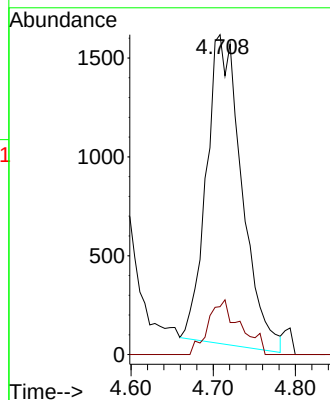
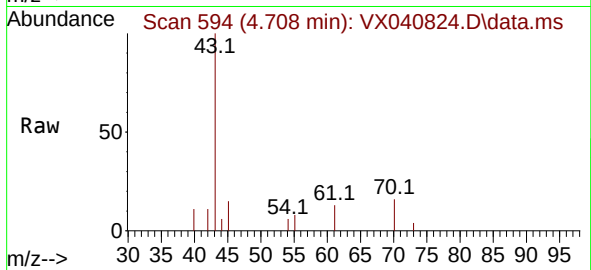
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
45 9.5 11.8 17.8

Manual Integrations

APPROVED

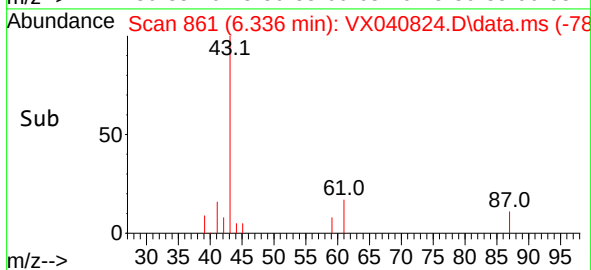
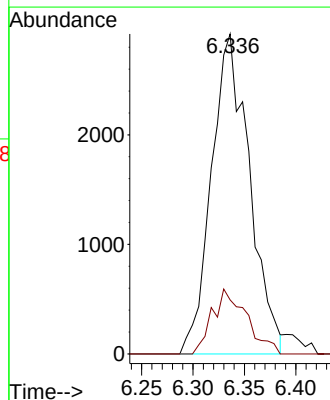
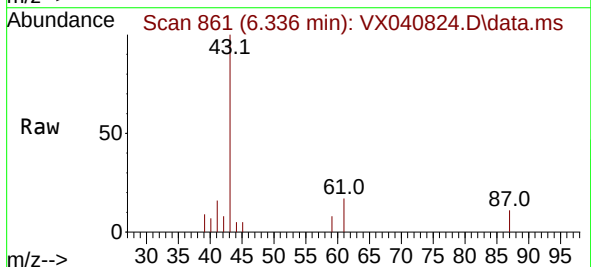
Reviewed By :John Carlone 03/29/2024

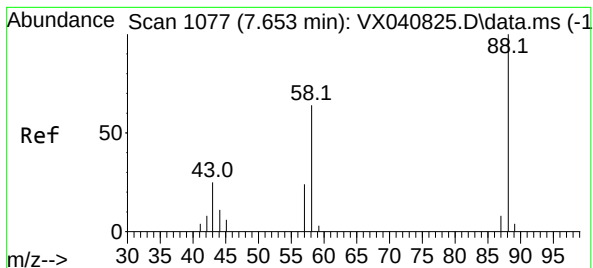
Supervised By :Mahesh Dadoda 03/29/2024



#44
Isopropyl Acetate
Concen: 4.770 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 43 Resp: 7499
Ion Ratio Lower Upper
43 100
61 17.4 15.6 23.4





#45

1,4-Dioxane

Concen: 89.943 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

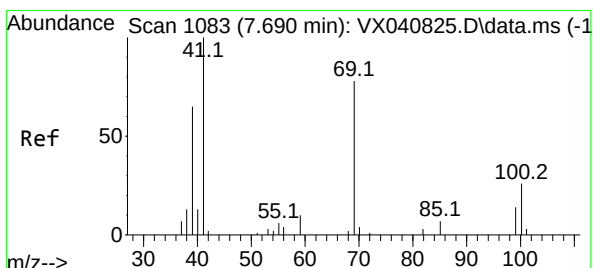
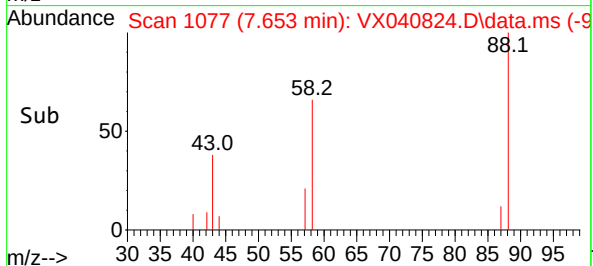
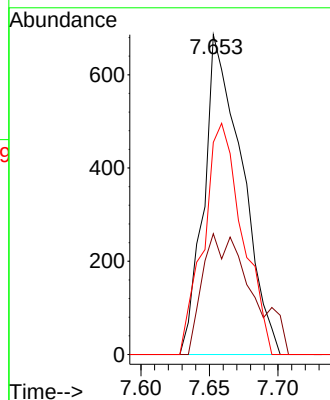
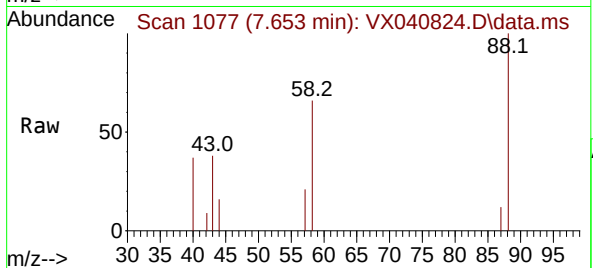
Tgt Ion:	88	Resp:	1324
Ion	Ratio	Lower	Upper
88	100		
43	21.1	28.1	42.1
58	73.9	57.7	86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#46

Methyl methacrylate

Concen: 4.726 ug/l

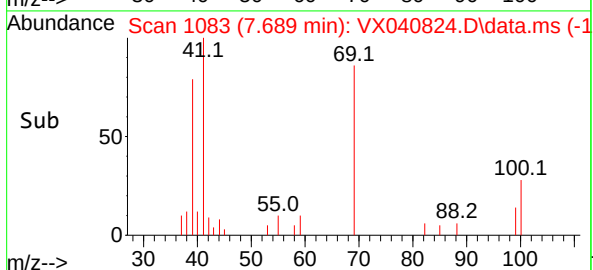
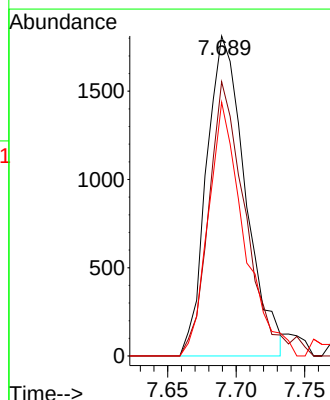
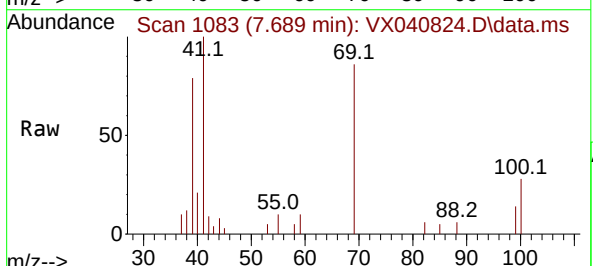
RT: 7.689 min Scan# 1083

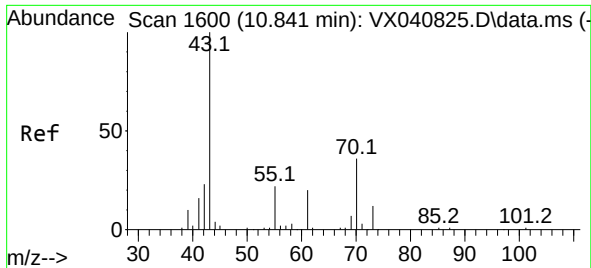
Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion:	41	Resp:	3577
Ion	Ratio	Lower	Upper
41	100		
69	85.7	39.6	118.8
39	79.3	30.1	90.3





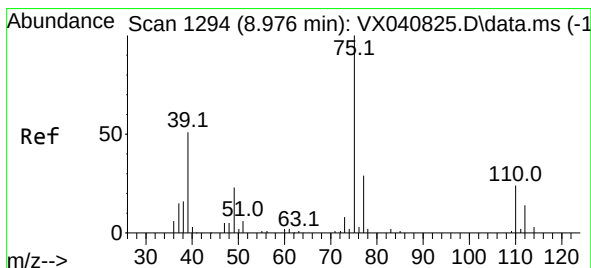
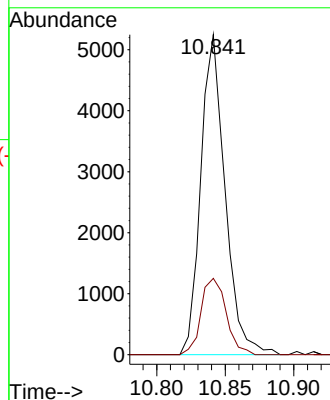
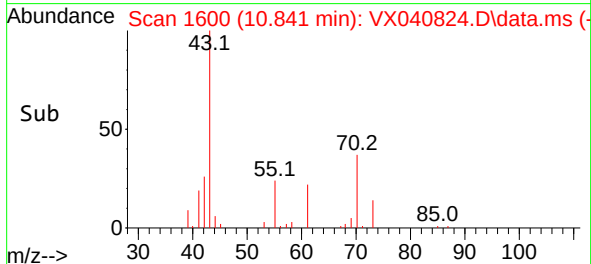
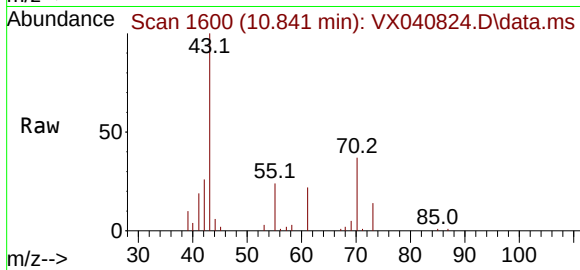
#47
n-amyl acetate
Concen: 4.578 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
55 24.7 18.2 27.2

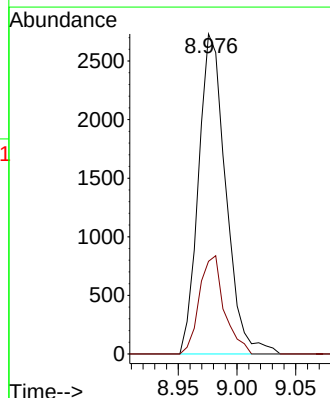
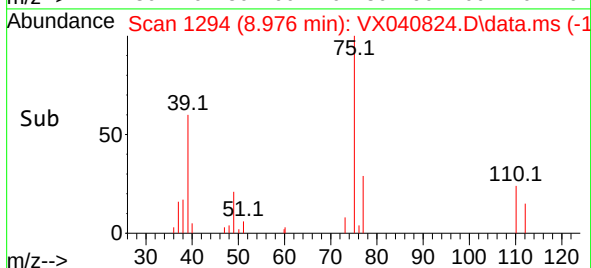
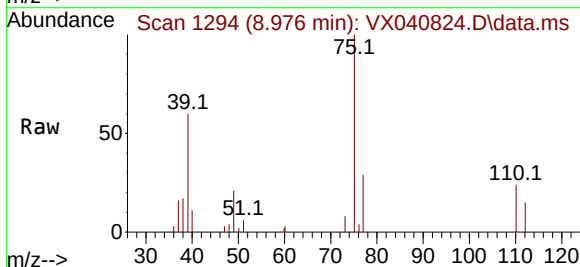
Manual Integrations
APPROVED

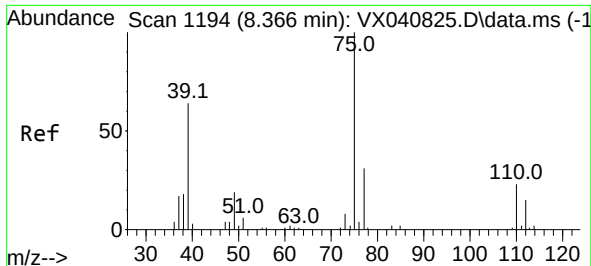
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
t-1,3-Dichloropropene
Concen: 4.846 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 75 Resp: 4406
Ion Ratio Lower Upper
75 100
77 28.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 5.046 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 4740

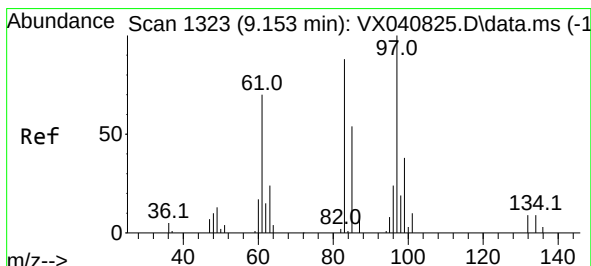
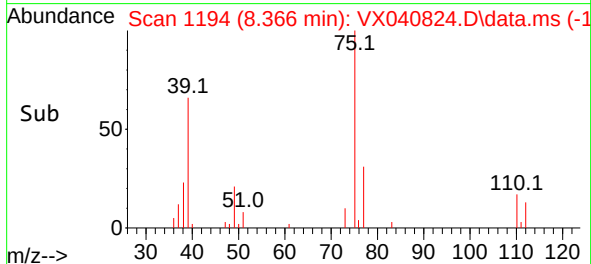
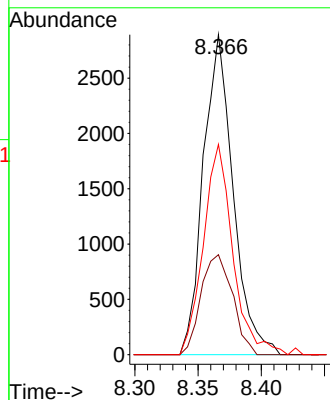
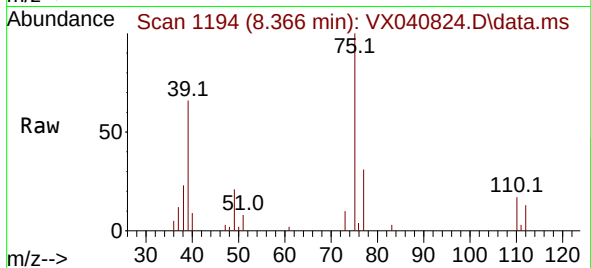
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6
39	65.7	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#50

1,1,2-Trichloroethane

Concen: 5.062 ug/l

RT: 9.153 min Scan# 1323

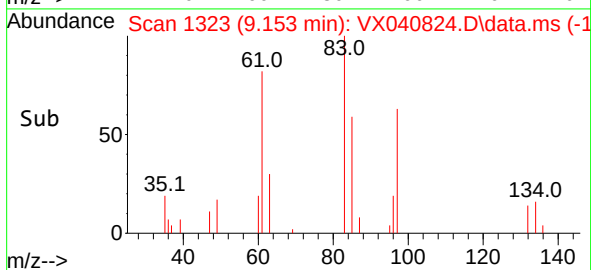
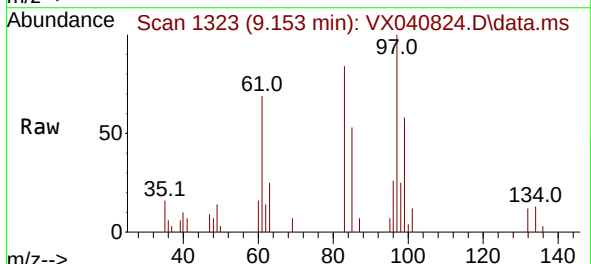
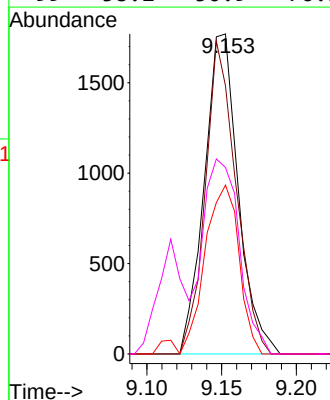
Delta R.T. -0.000 min

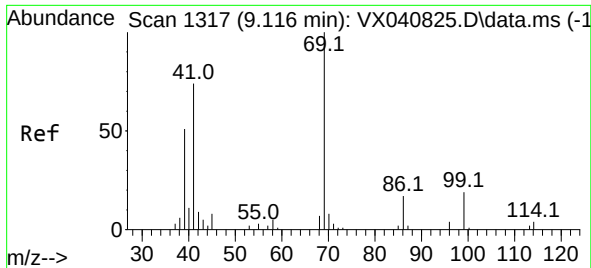
Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion: 97 Resp: 2803

Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.0	103.6
85	52.8	46.3	69.5
99	58.2	50.9	76.3





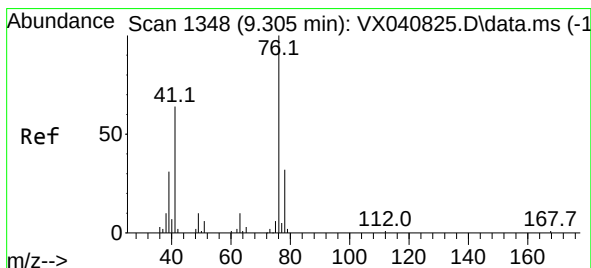
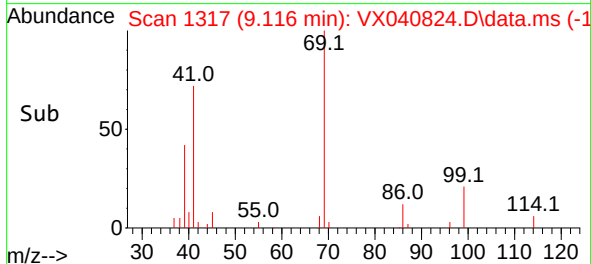
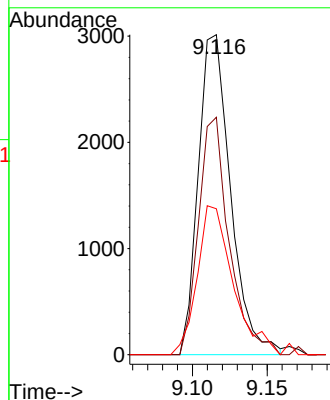
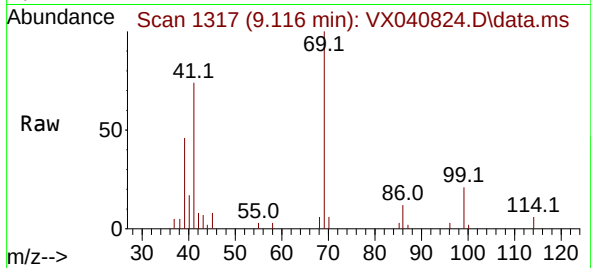
#51
Ethyl methacrylate
Concen: 4.692 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 453
Ion Ratio Lower Upper
69 100
41 74.2 36.2 108.6
39 45.6 21.1 63.4

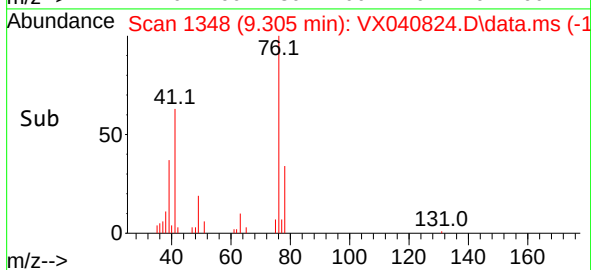
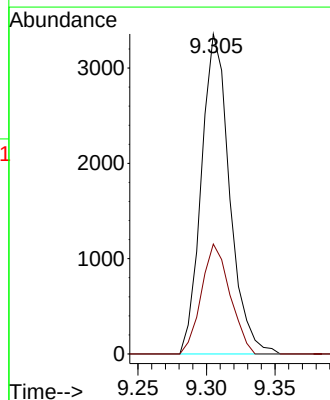
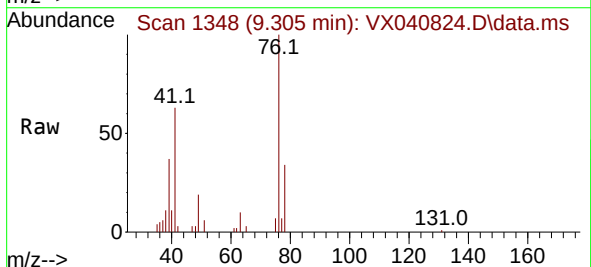
Manual Integrations
APPROVED

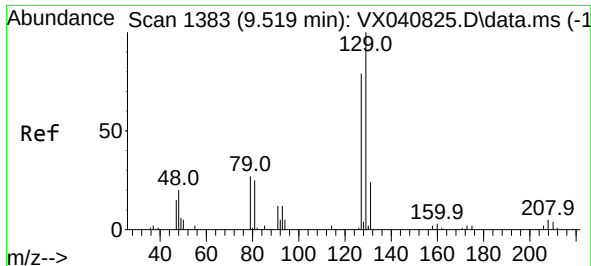
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#52
1,3-Dichloropropane
Concen: 5.065 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion: 76 Resp: 4820
Ion Ratio Lower Upper
76 100
78 34.7 0.0 65.0





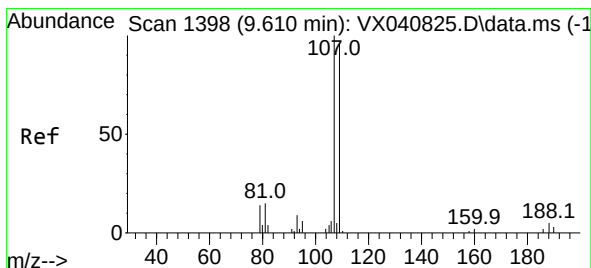
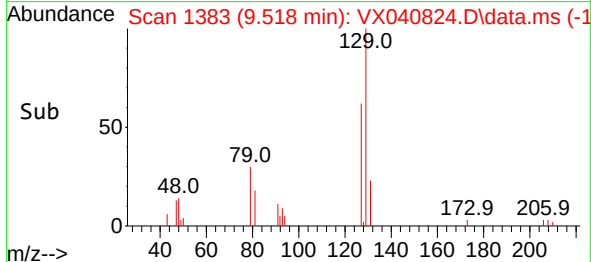
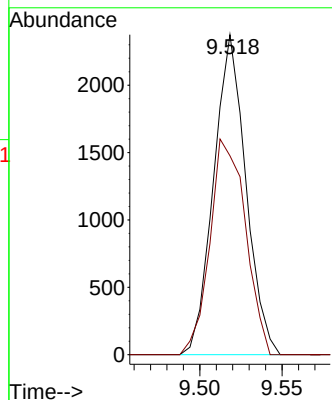
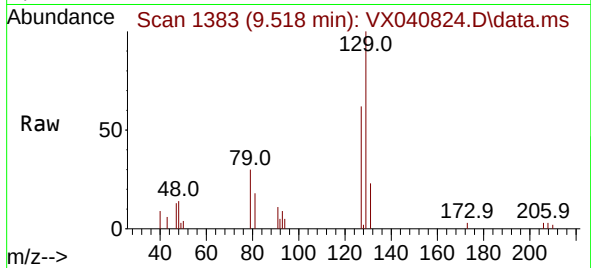
#53
Dibromochloromethane
Concen: 4.872 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 3232
Ion Ratio Lower Upper
129 100
127 74.2 38.3 114.9

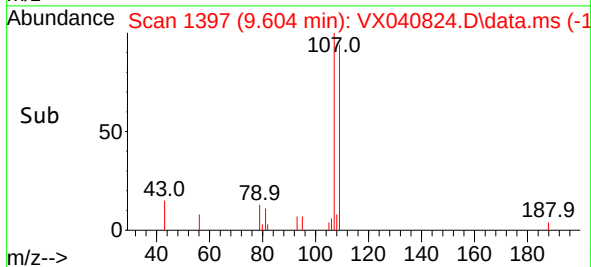
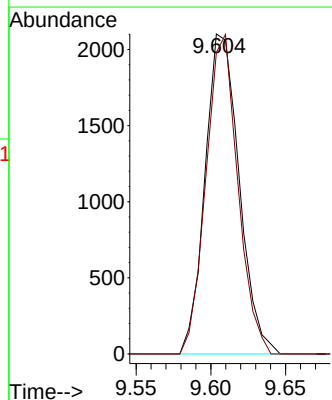
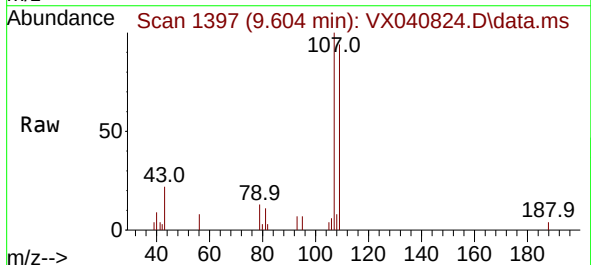
Manual Integrations
APPROVED

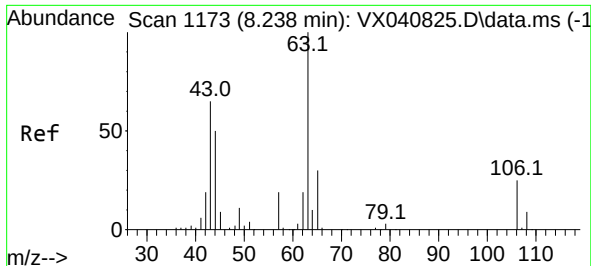
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#54
1,2-Dibromoethane
Concen: 5.440 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion:107 Resp: 3334
Ion Ratio Lower Upper
107 100
109 93.2 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 25.087 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

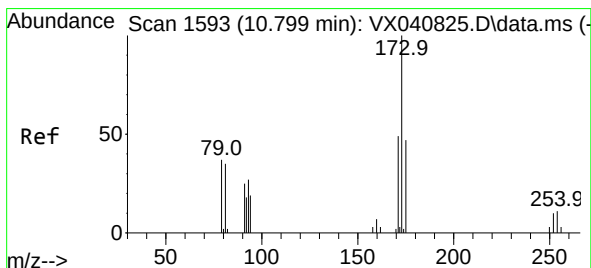
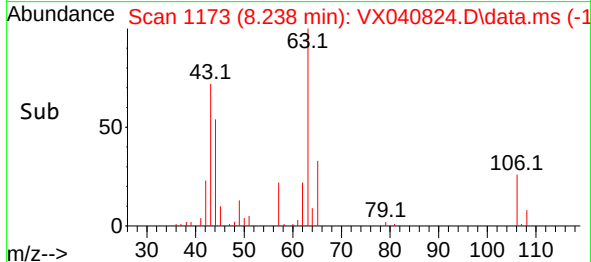
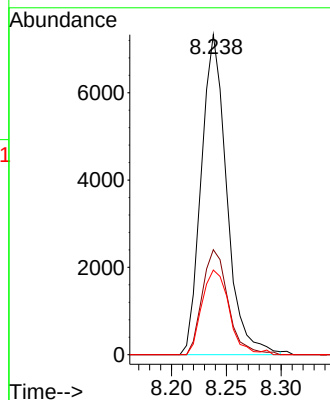
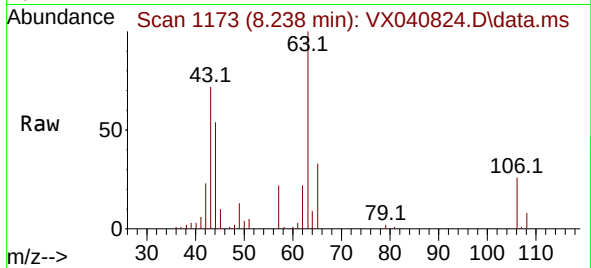
Tgt Ion:	63	Resp:	1186
Ion Ratio	Lower	Upper	
63	100		
65	33.2	25.8	38.6
106	27.9	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#56

Bromoform

Concen: 4.731 ug/l

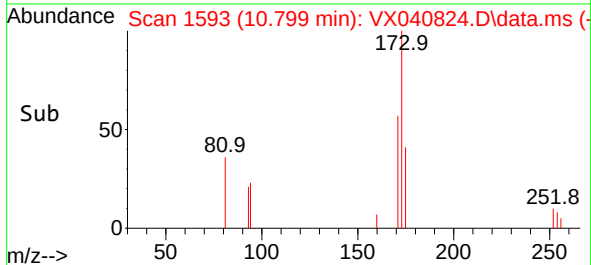
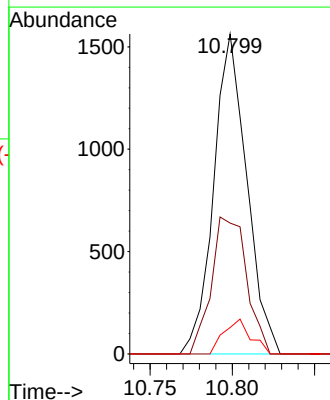
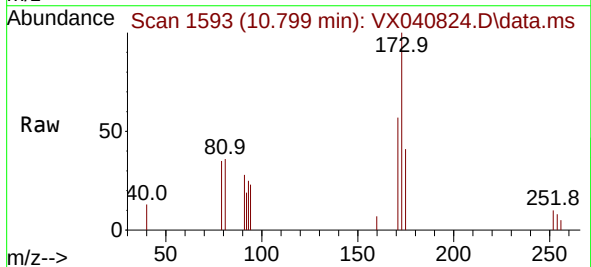
RT: 10.799 min Scan# 1593

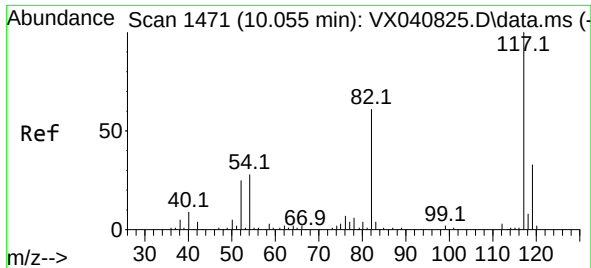
Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion:	173	Resp:	2182
Ion Ratio	Lower	Upper	
173	100		
175	45.6	37.6	56.4
254	8.8	5.8	8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

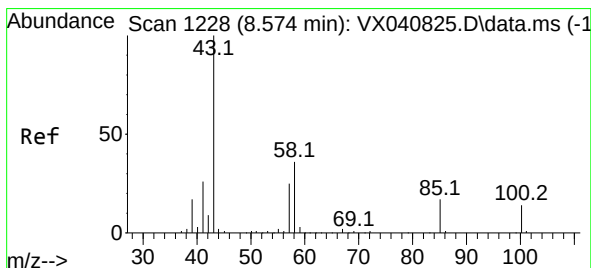
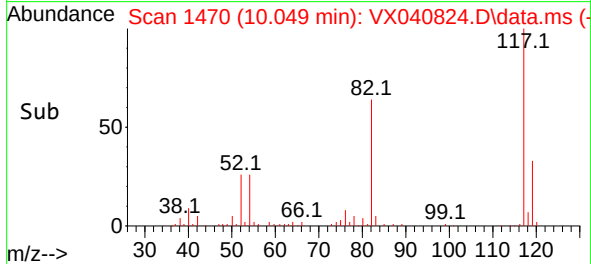
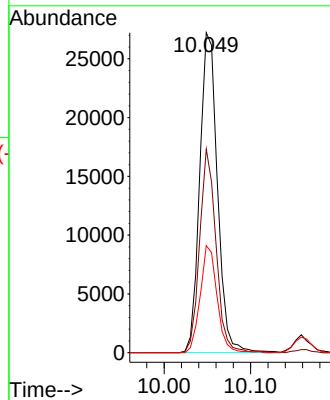
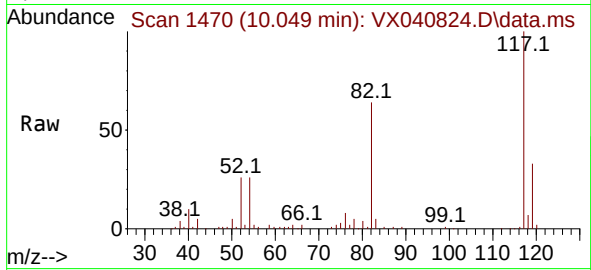
Tgt Ion:	117	Resp:	38725
Ion Ratio	Lower	Upper	
117	100		
82	58.5	47.0	70.6
119	31.8	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#58

4-Methyl-2-Pentanone

Concen: 23.137 ug/l

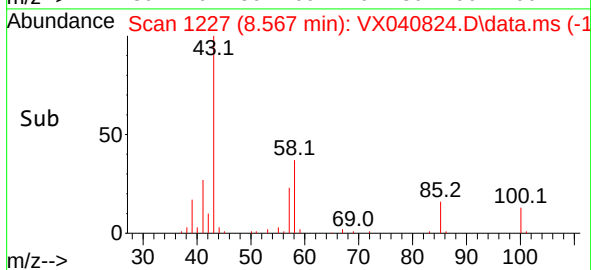
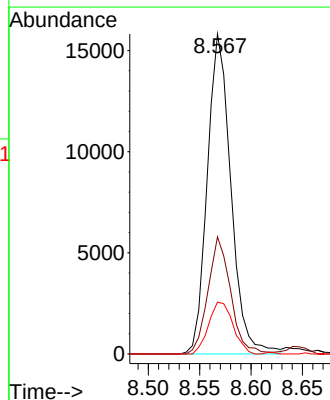
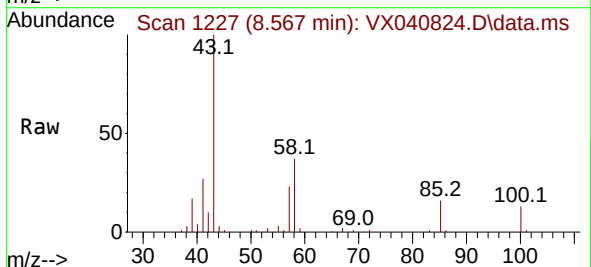
RT: 8.567 min Scan# 1227

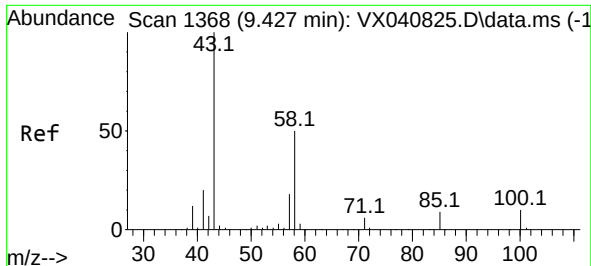
Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion:	43	Resp:	25305
Ion Ratio	Lower	Upper	
43	100		
58	35.1	30.1	45.1
85	16.7	13.9	20.9





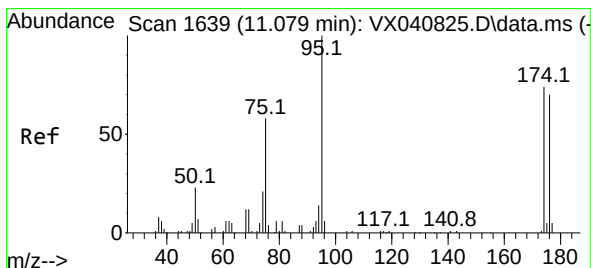
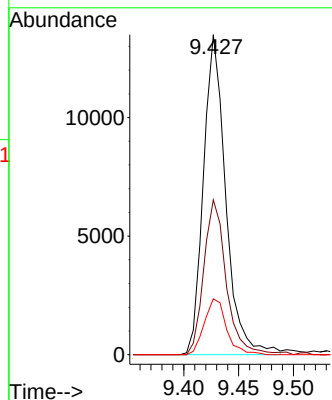
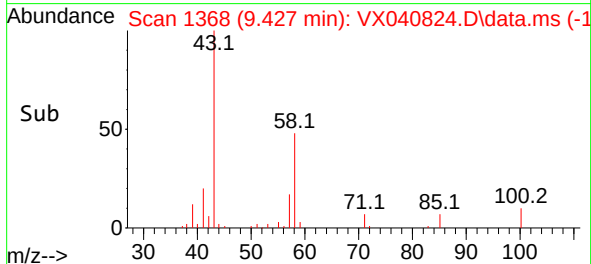
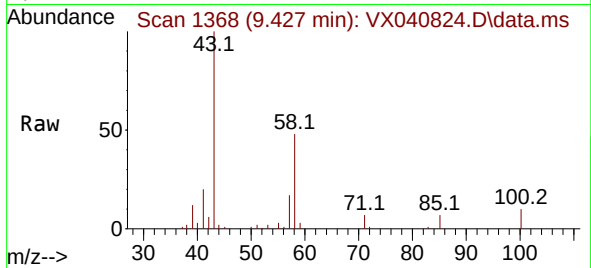
#59
2-Hexanone
Concen: 21.877 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
58 48.3 42.7 64.1
57 17.4 14.8 22.2

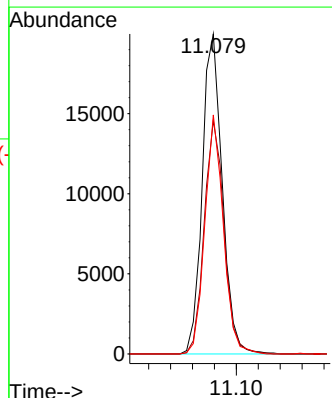
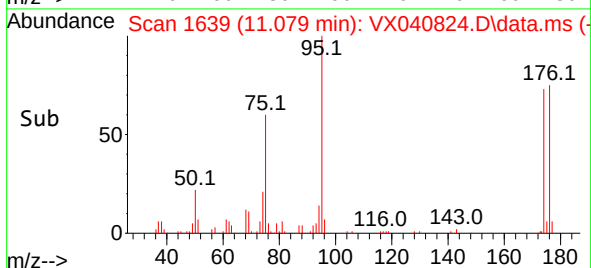
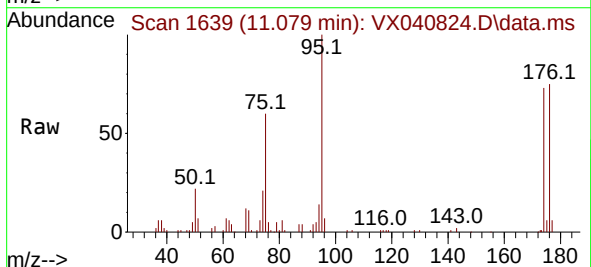
Manual Integrations
APPROVED

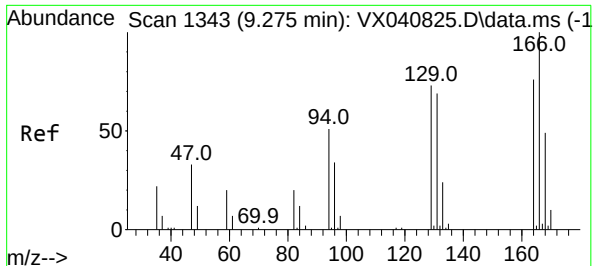
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#60
4-Bromofluorobenzene
Concen: 29.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

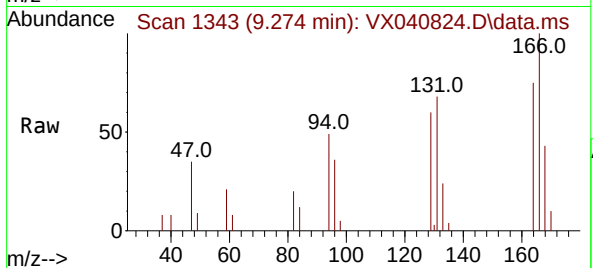
Tgt Ion: 95 Resp: 25295
Ion Ratio Lower Upper
95 100
174 72.6 55.4 83.2
176 69.1 52.6 78.8





#61
Tetrachloroethene
Concen: 4.843 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

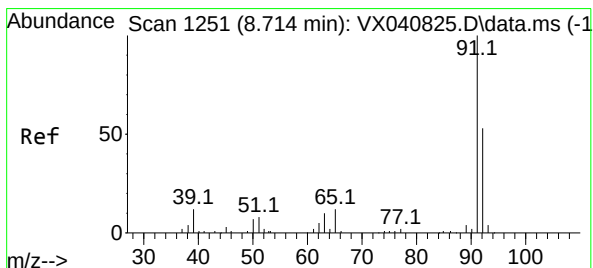
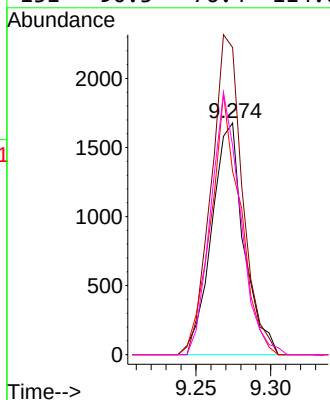
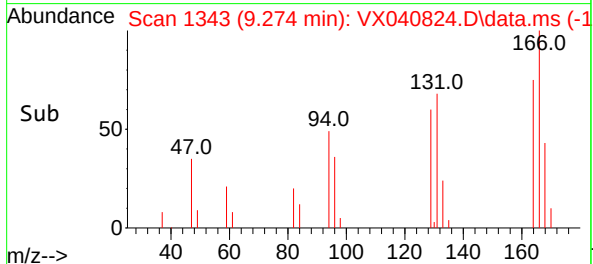
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:164 Resp: 2514
Ion Ratio Lower Upper
164 100
166 132.6 104.0 156.0
129 79.2 82.0 123.0
131 90.3 76.4 114.6

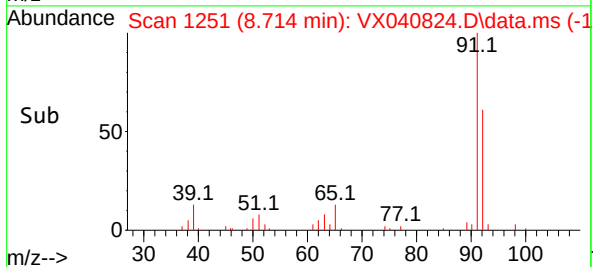
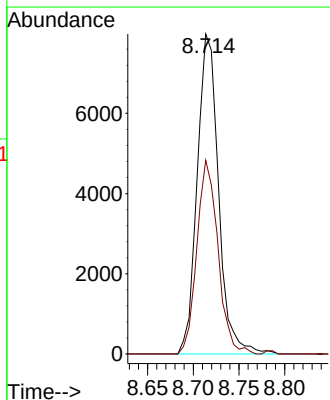
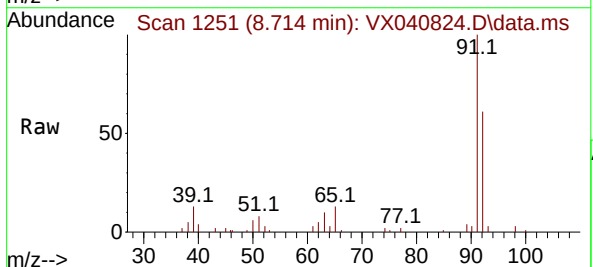
Manual Integrations
APPROVED

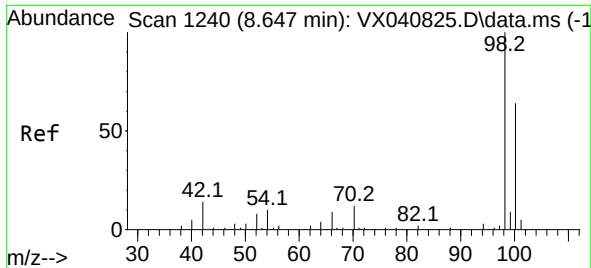
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#62
Toluene
Concen: 4.951 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

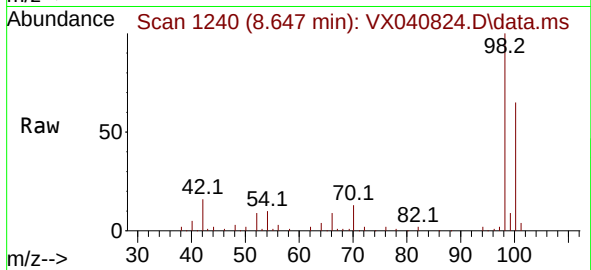
Tgt Ion: 91 Resp: 12966
Ion Ratio Lower Upper
91 100
92 59.2 45.9 68.9





#63
Toluene-d8
Concen: 30.120 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

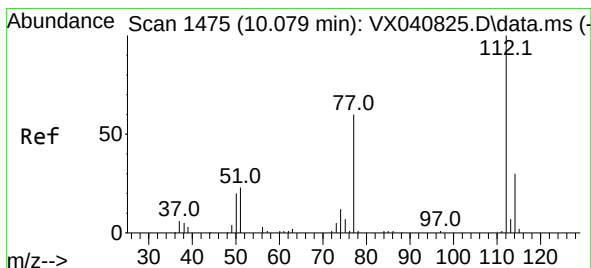
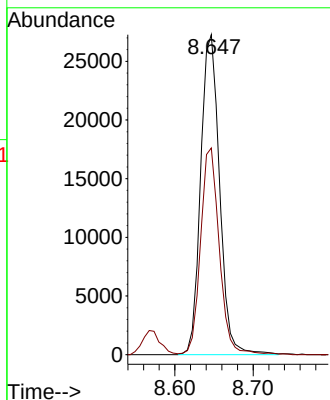
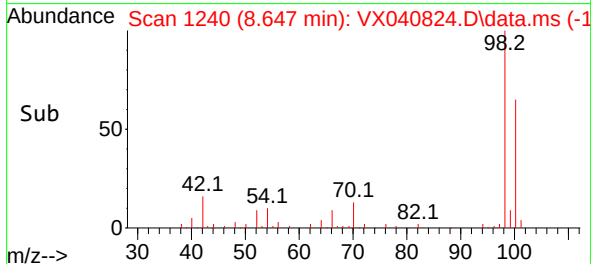
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 45720
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.4

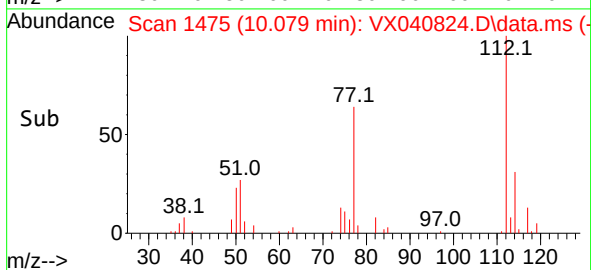
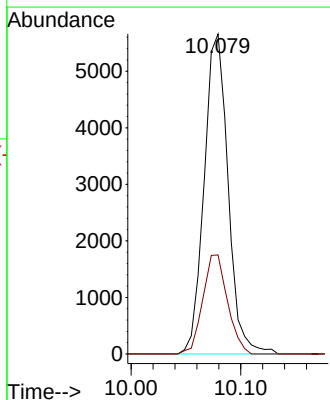
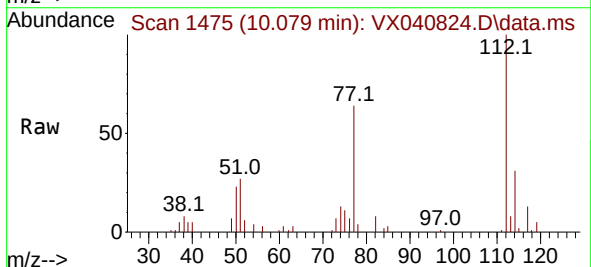
Manual Integrations
APPROVED

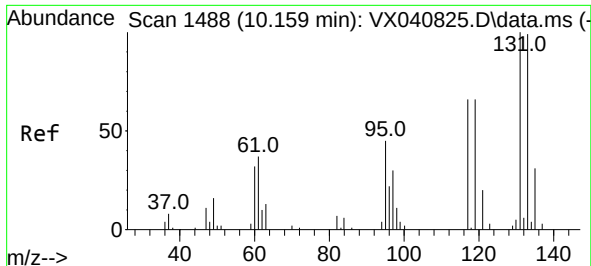
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Chlorobenzene
Concen: 5.067 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion:112 Resp: 8579
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 4.817 ug/l

RT: 10.158 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

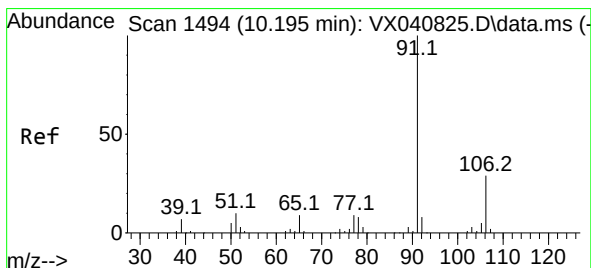
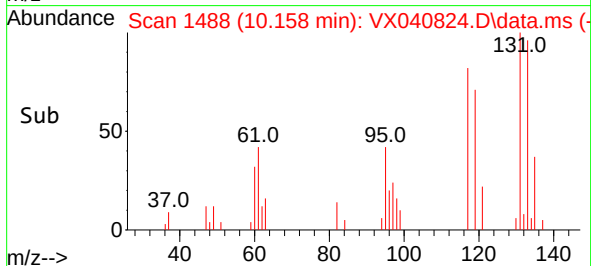
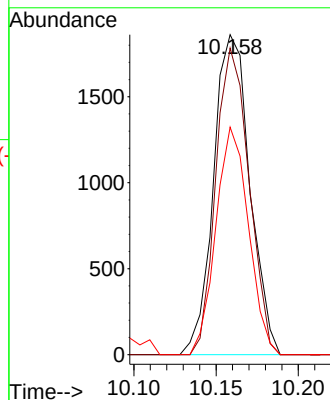
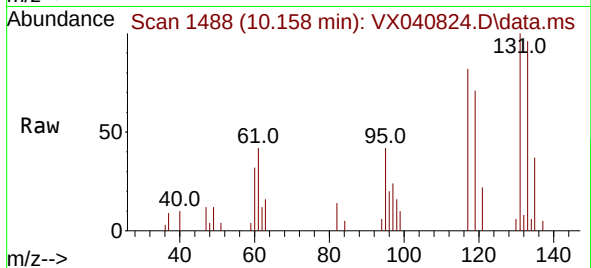
Tgt Ion:	131	Resp:	285
Ion Ratio	Lower	Upper	
131	100		
133	87.6	0.0	191.8
119	64.0	0.0	135.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#66

Ethyl Benzene

Concen: 4.900 ug/l

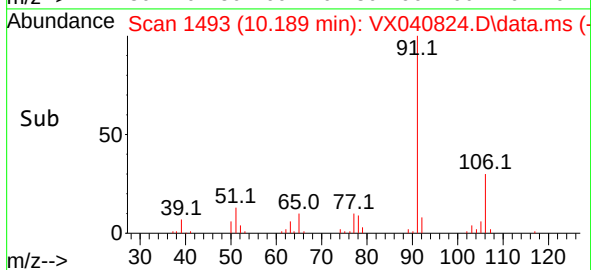
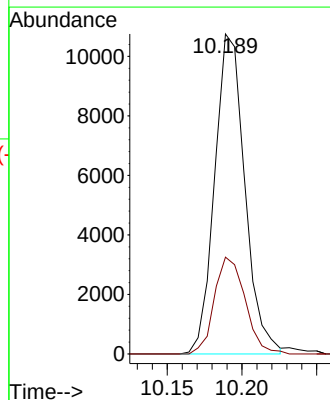
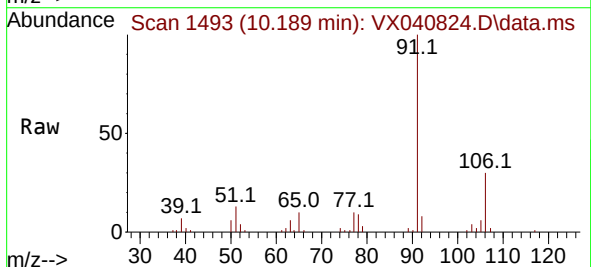
RT: 10.189 min Scan# 1493

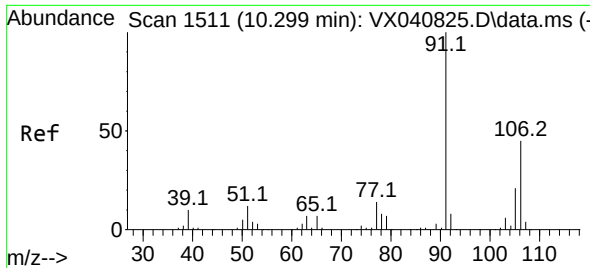
Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion:	91	Resp:	15086
Ion Ratio	Lower	Upper	
91	100		
106	30.2	24.4	36.6





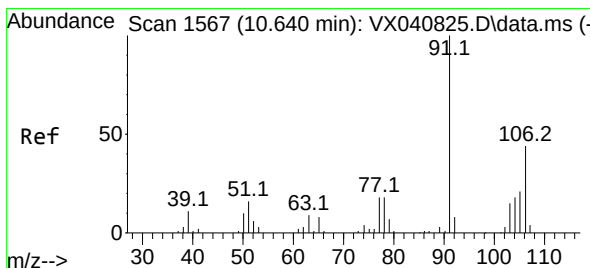
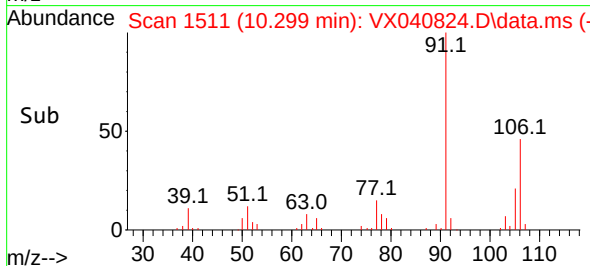
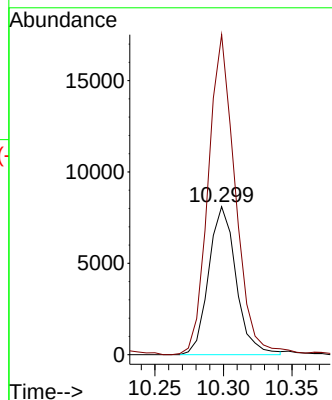
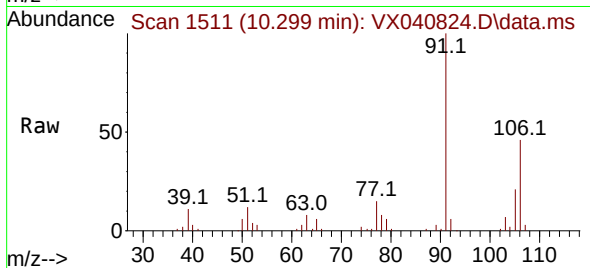
#67
m/p-Xylenes
Concen: 9.999 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1130
Ion Ratio Lower Upper
106 100
91 213.0 169.4 254.0

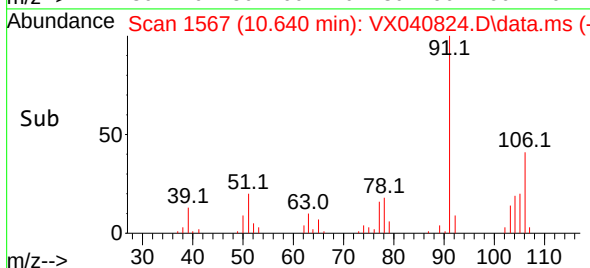
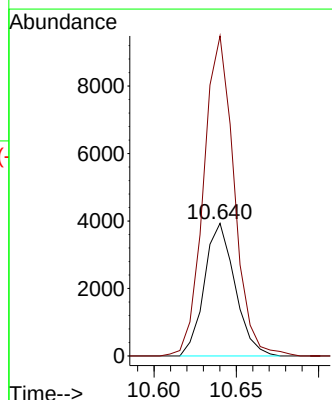
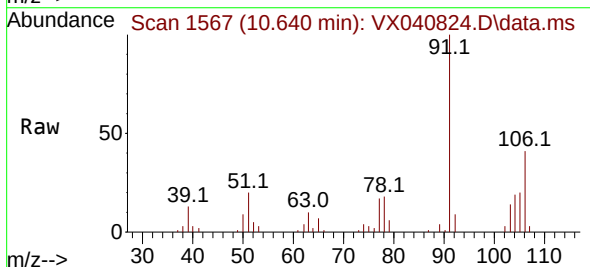
Manual Integrations
APPROVED

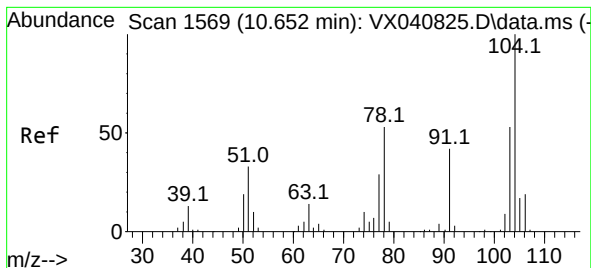
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#68
o-Xylene
Concen: 4.793 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion:106 Resp: 5103
Ion Ratio Lower Upper
106 100
91 239.9 111.2 333.6





#69

Styrene

Concen: 4.760 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

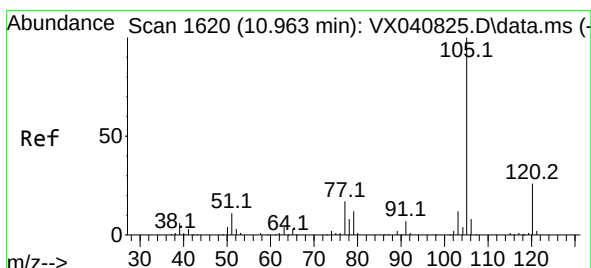
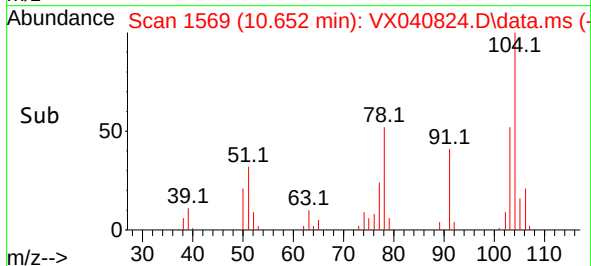
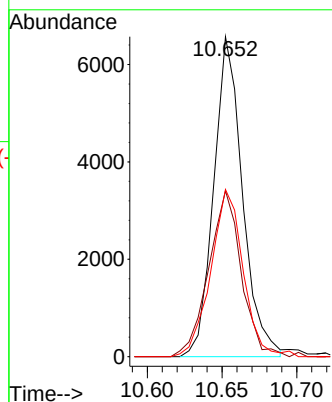
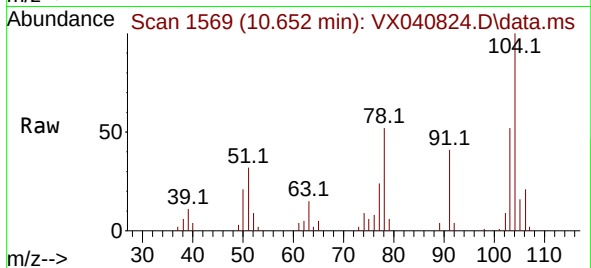
Tgt Ion:104	Resp:	8794
Ion Ratio	Lower	Upper
104	100	
78	57.7	43.7 65.5
103	58.3	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#70

Isopropylbenzene

Concen: 4.941 ug/l

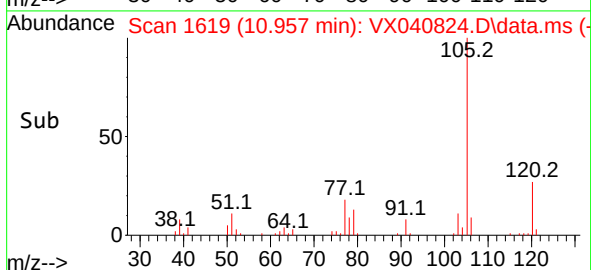
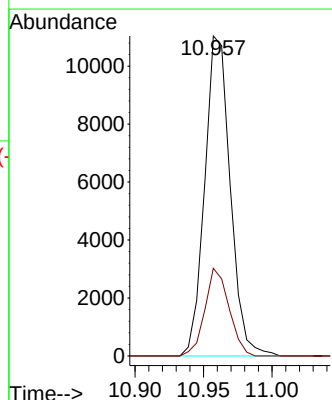
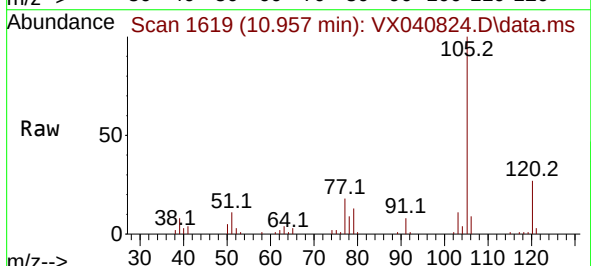
RT: 10.957 min Scan# 1619

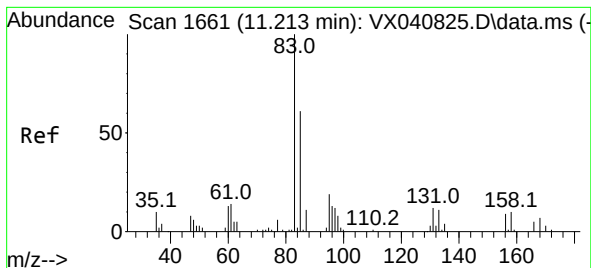
Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion:105	Resp:	14332
Ion Ratio	Lower	Upper
105	100	
120	25.9	18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 4.863 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

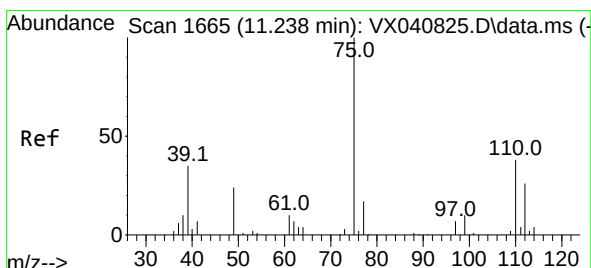
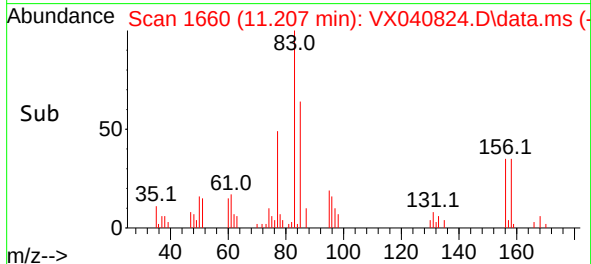
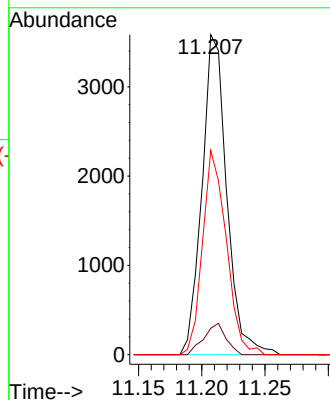
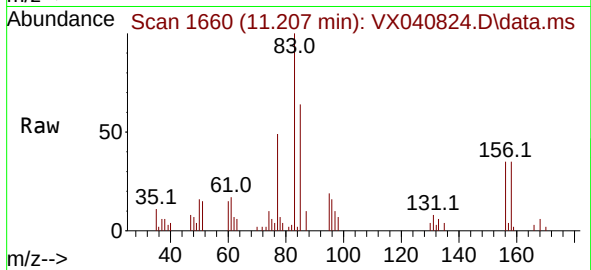
Tgt Ion: 83 Resp: 4898
 Ion Ratio Lower Upper
 83 100
 131 8.7 4.6 13.8
 85 61.0 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#72

1,2,3-Trichloropropane

Concen: 4.606 ug/l

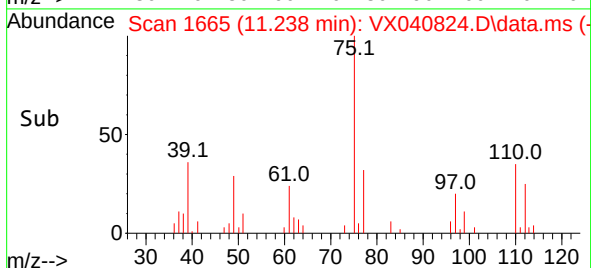
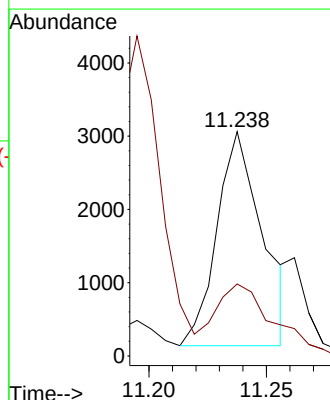
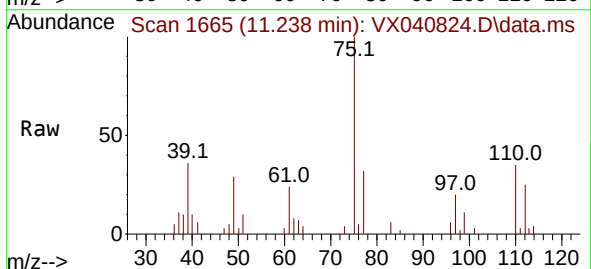
RT: 11.238 min Scan# 1665

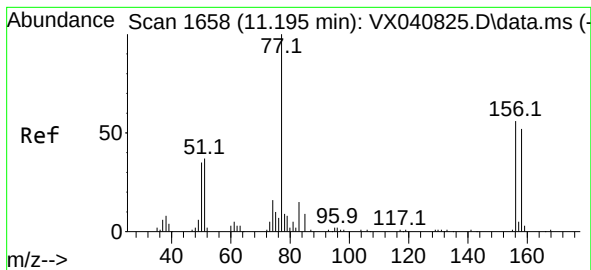
Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 43.2 0.0 76.4





#73

Bromobenzene

Concen: 4.630 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

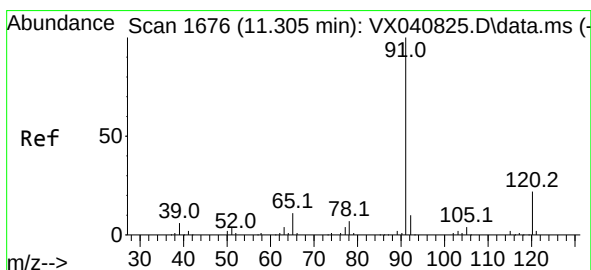
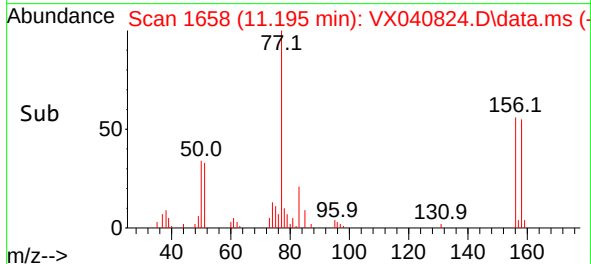
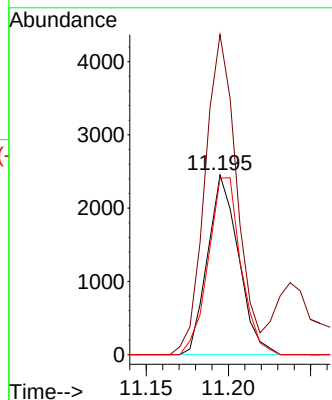
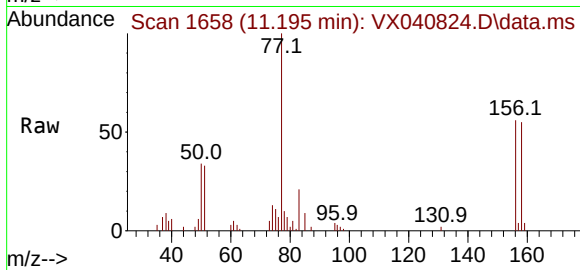
Tgt Ion:	156	Resp:	320
Ion Ratio	Lower	Upper	
156	100		
77	183.0	0.0	363.2
158	103.8	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#74

n-propylbenzene

Concen: 4.601 ug/l

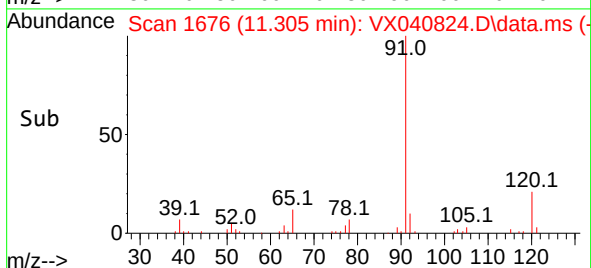
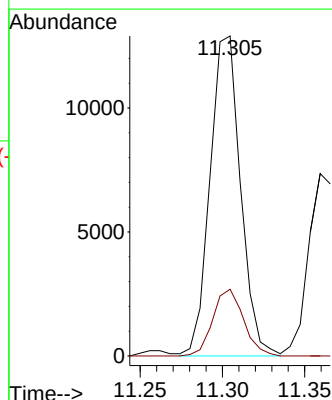
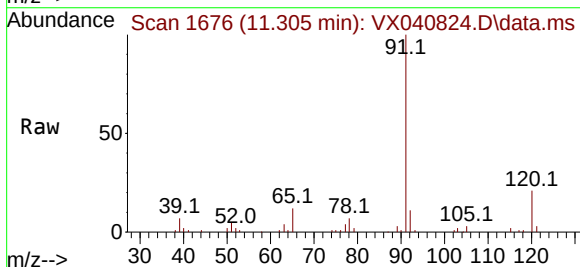
RT: 11.305 min Scan# 1676

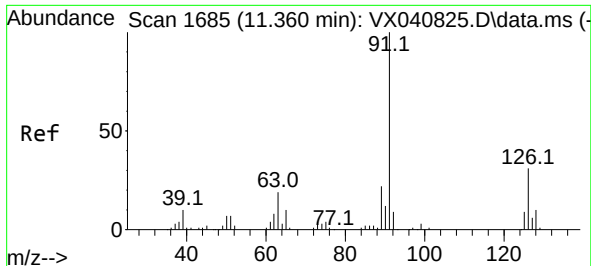
Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Tgt Ion:	91	Resp:	16660
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	43.4





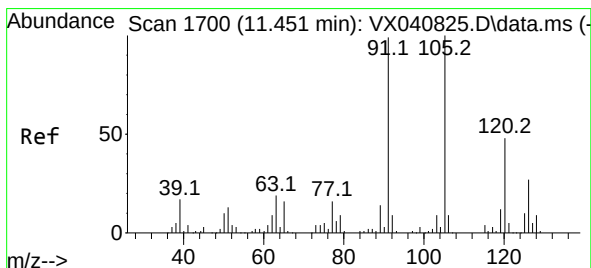
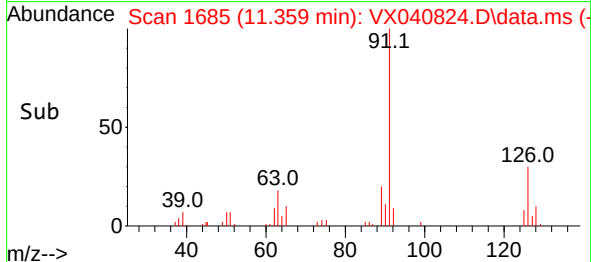
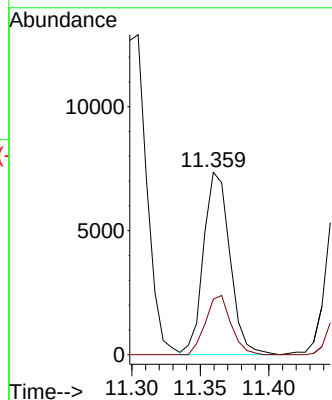
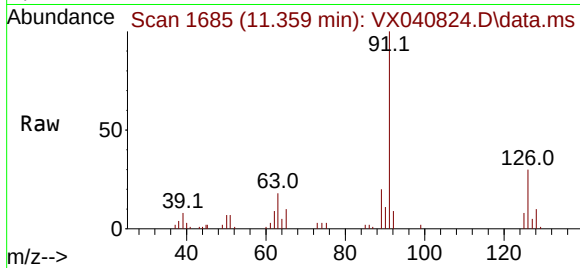
#75
2-Chlorotoluene
Concen: 4.614 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 9878
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.2

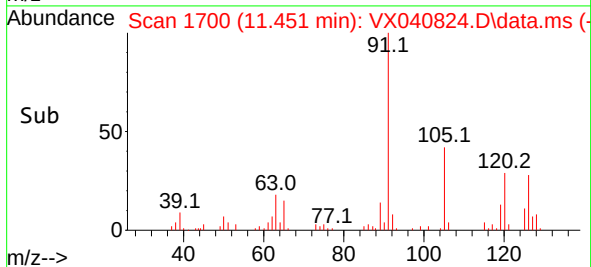
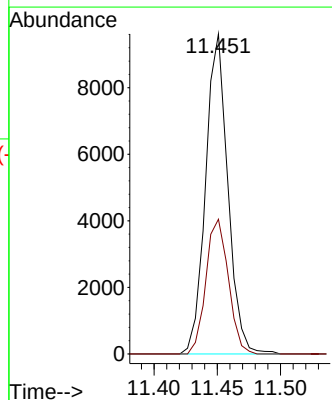
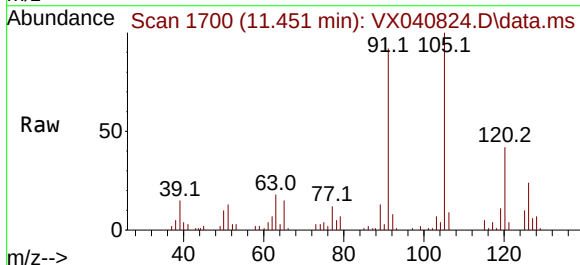
Manual Integrations
APPROVED

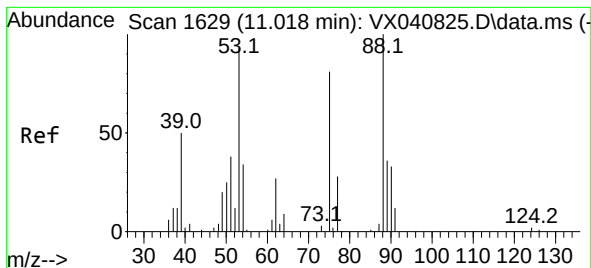
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.693 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion:105 Resp: 11779
Ion Ratio Lower Upper
105 100
120 42.4 0.0 92.6





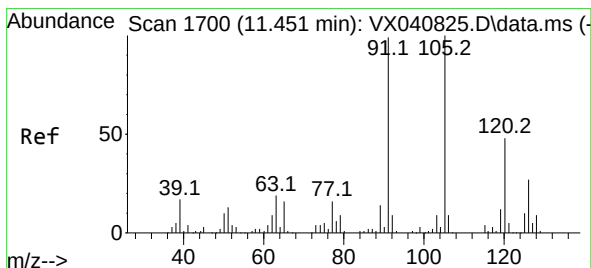
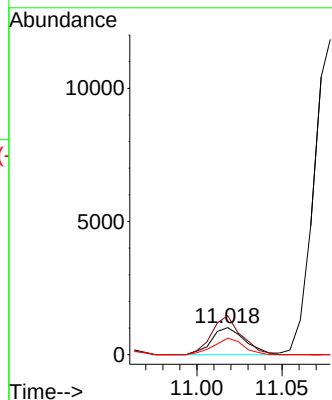
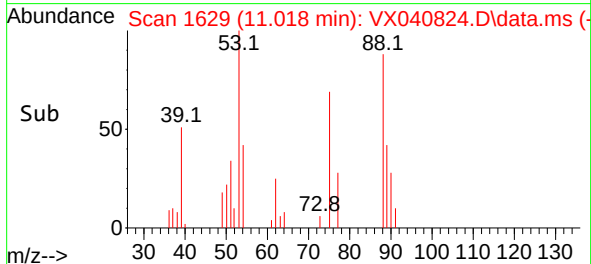
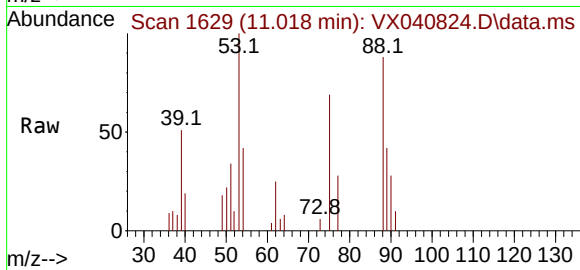
#77
t-1,4-Dichloro-2-butene
Concen: 4.147 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
53 144.5 46.9 140.8
89 60.9 21.3 63.7

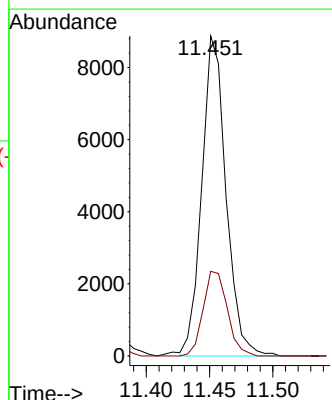
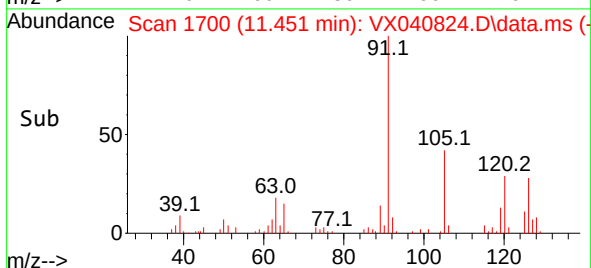
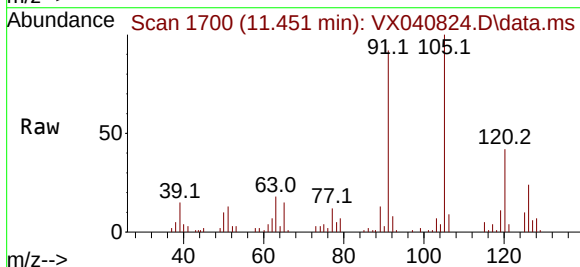
Manual Integrations
APPROVED

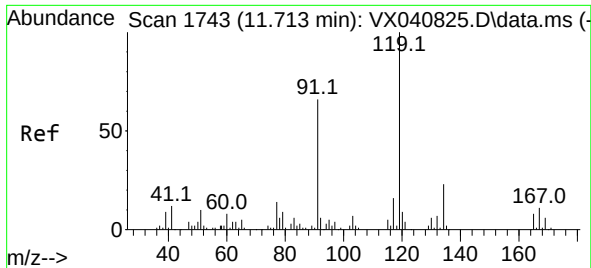
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#78
4-Chlorotoluene
Concen: 4.650 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

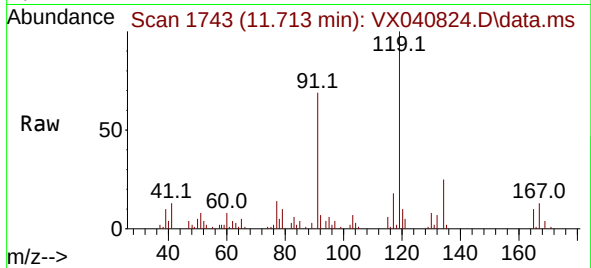
Tgt Ion: 91 Resp: 11832
Ion Ratio Lower Upper
91 100
126 26.4 0.0 57.4





#79
tert-butylbenzene
Concen: 4.625 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

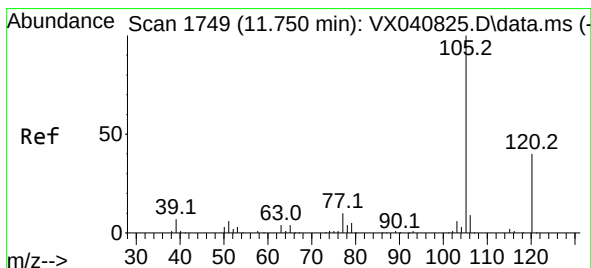
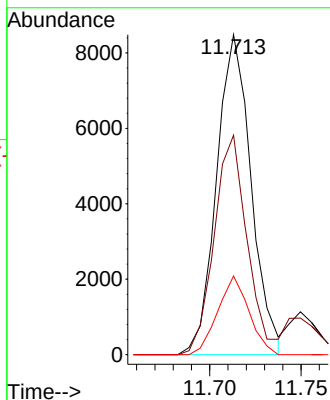
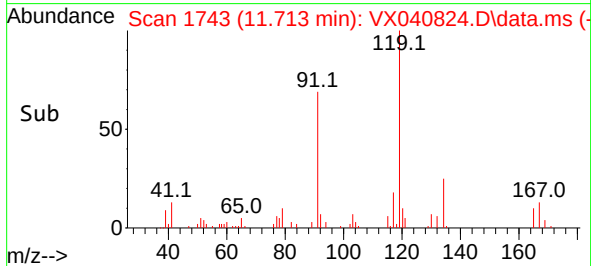
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



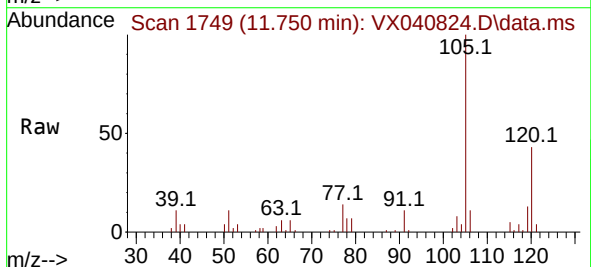
Tgt Ion:119 Resp: 11170
Ion Ratio Lower Upper
119 100
91 65.6 0.0 125.6
134 22.2 0.0 43.8

Manual Integrations
APPROVED

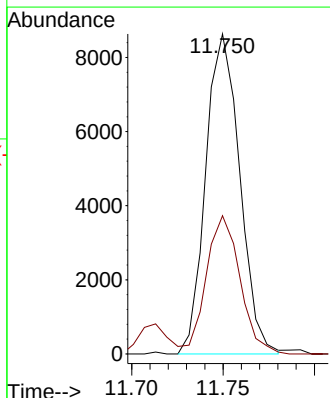
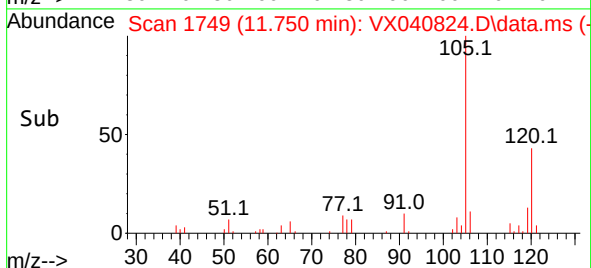
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

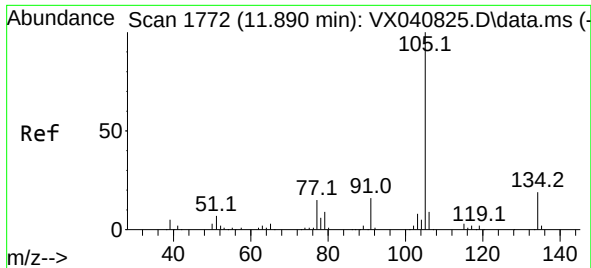


#80
1,2,4-Trimethylbenzene
Concen: 4.496 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39



Tgt Ion:105 Resp: 11183
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.4





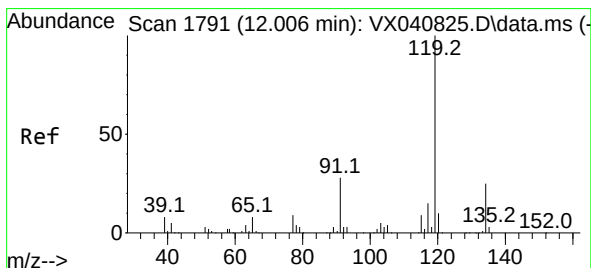
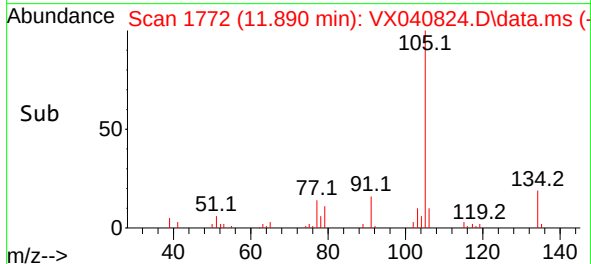
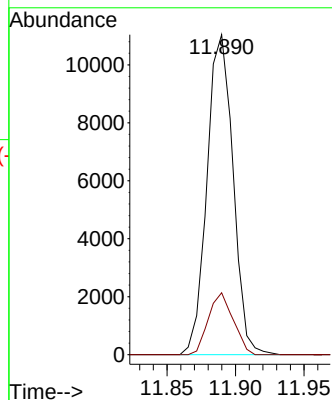
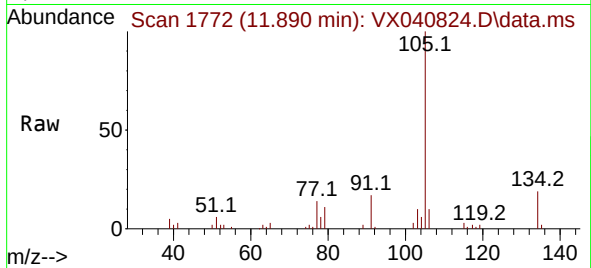
#81
 sec-Butylbenzene
 Concen: 4.715 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040824.D
 Acq: 28 Mar 2024 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 1460
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 38.4

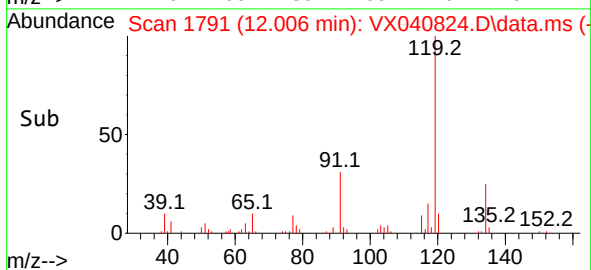
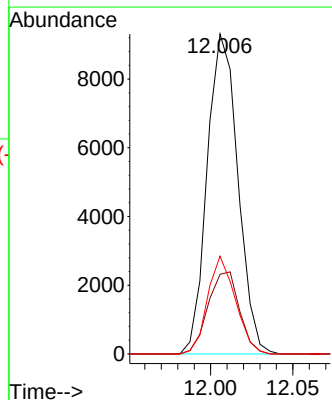
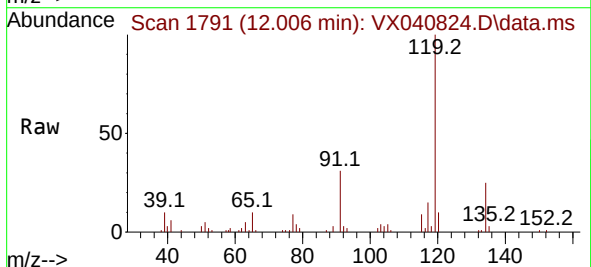
Manual Integrations
 APPROVED

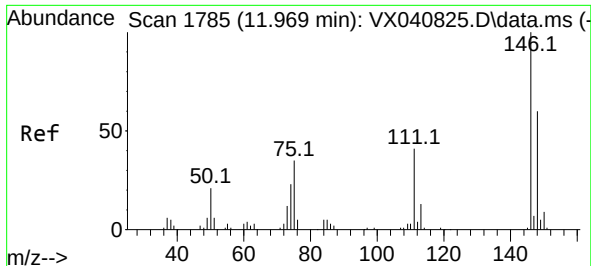
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#82
 p-Isopropyltoluene
 Concen: 4.608 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040824.D
 Acq: 28 Mar 2024 15:39

Tgt Ion:119 Resp: 12083
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.6
 91 27.7 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 4.679 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 6284

Ion Ratio Lower Upper

146 100

111 45.4 22.3 66.9

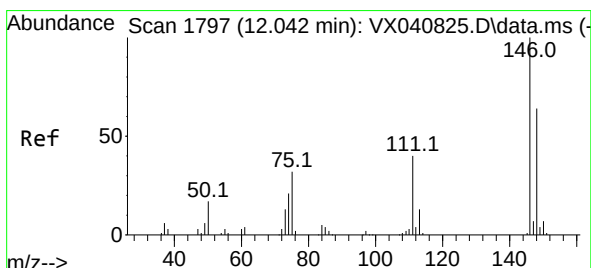
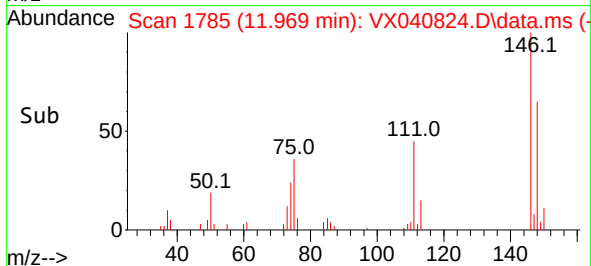
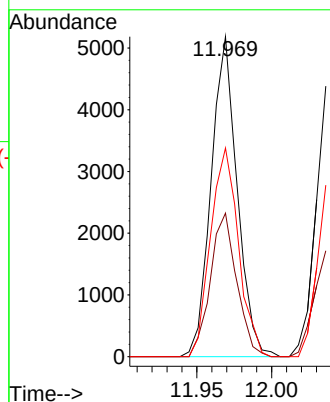
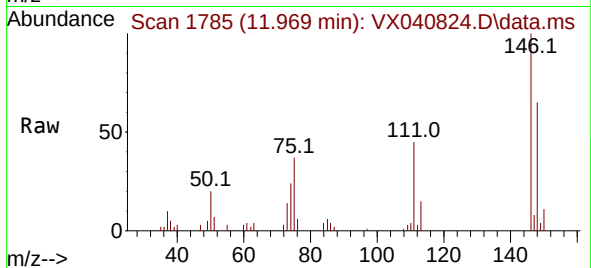
148 69.8 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#84

1,4-Dichlorobenzene

Concen: 4.775 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040824.D

Acq: 28 Mar 2024 15:39

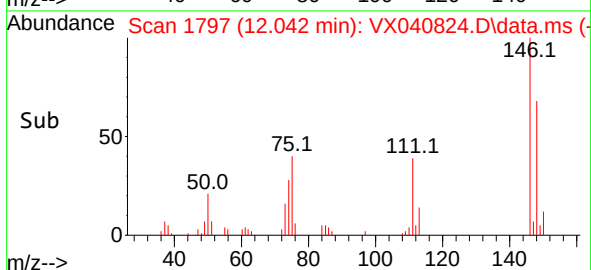
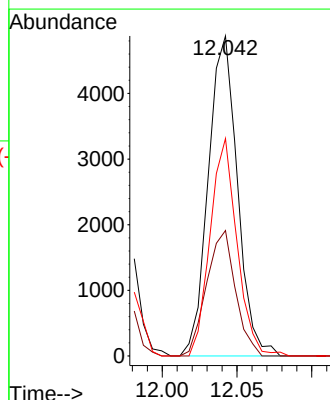
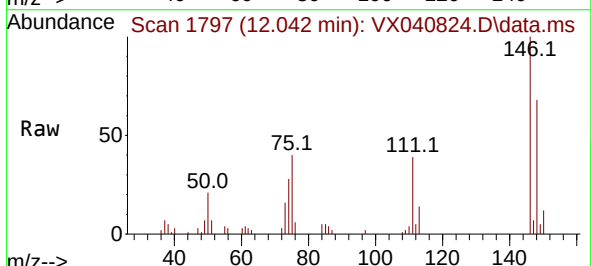
Tgt Ion:146 Resp: 6608

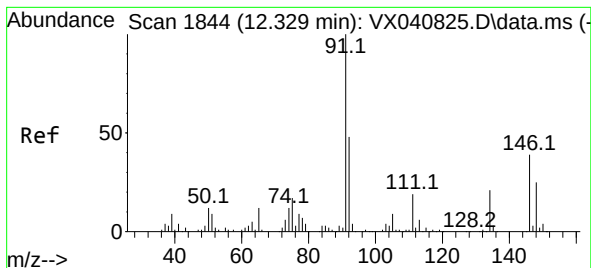
Ion Ratio Lower Upper

146 100

111 38.8 21.4 64.2

148 62.5 31.8 95.4





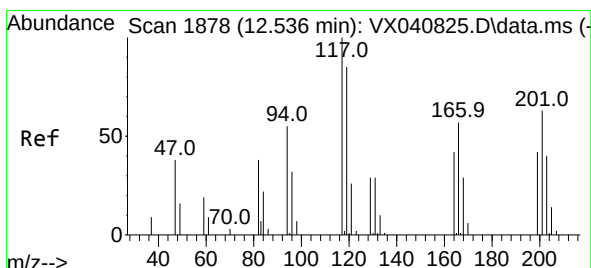
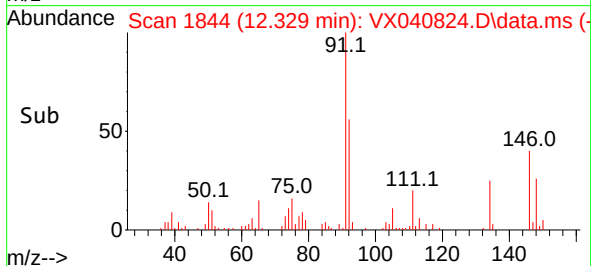
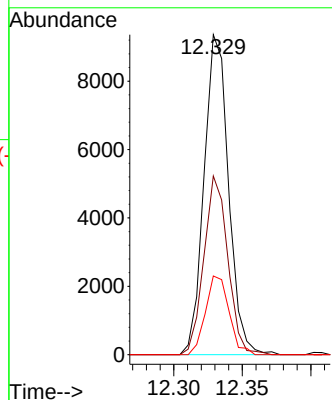
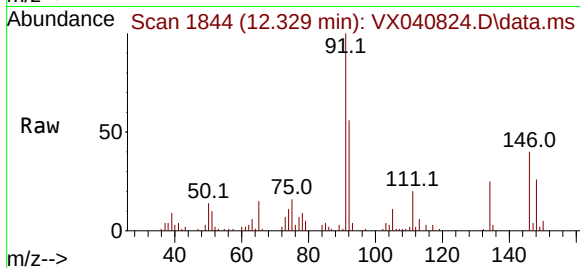
#85
n-Butylbenzene
Concen: 4.473 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 1166
Ion Ratio Lower Upper
91 100
92 54.2 0.0 106.2
134 23.6 0.0 48.8

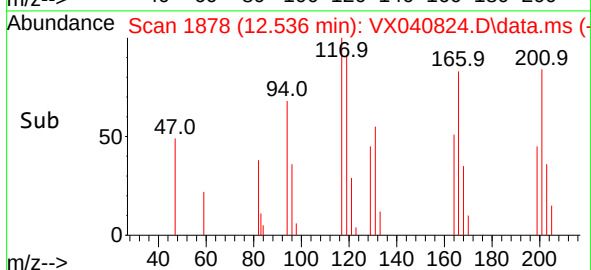
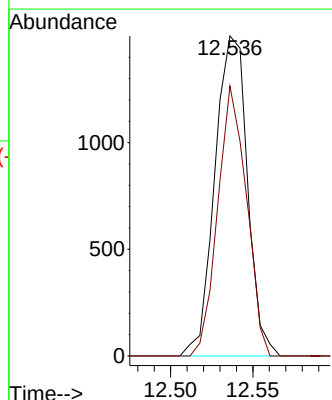
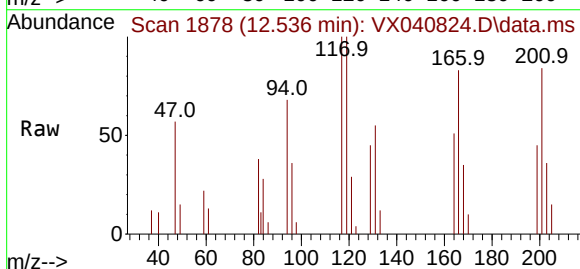
Manual Integrations
APPROVED

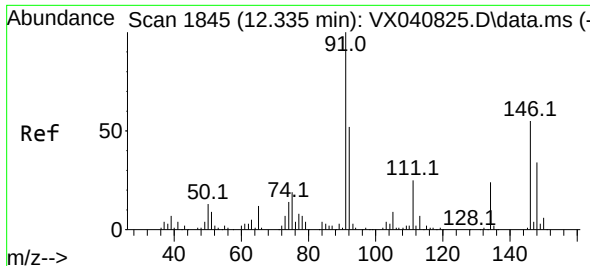
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#86
Hexachloroethane
Concen: 4.432 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Tgt Ion:117 Resp: 2065
Ion Ratio Lower Upper
117 100
201 74.4 31.8 95.3





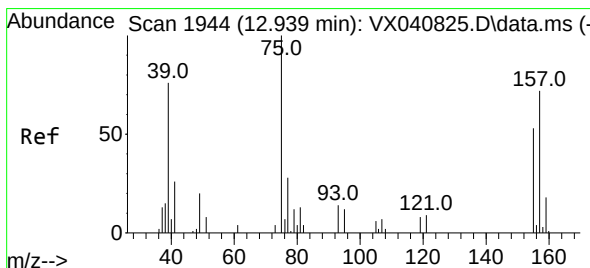
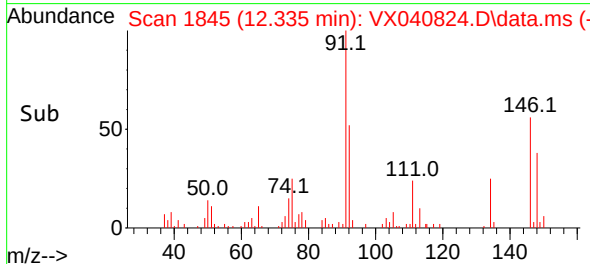
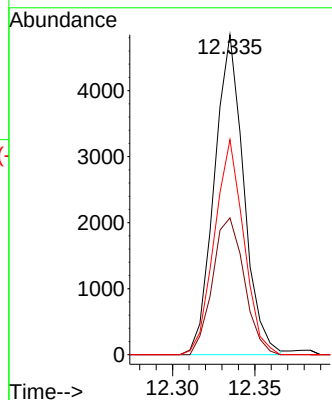
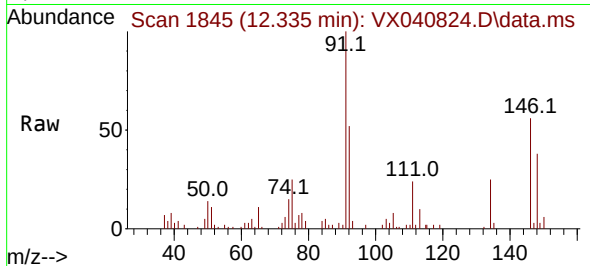
#87
1,2-Dichlorobenzene
Concen: 4.628 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion:146 Resp: 601
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.2
148 67.2 31.9 95.7

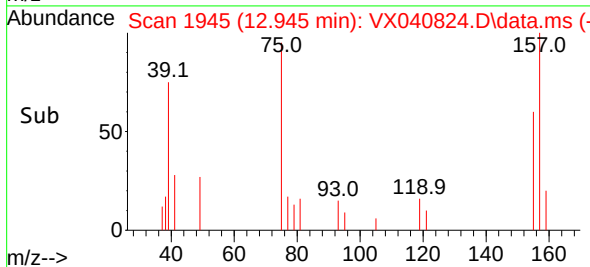
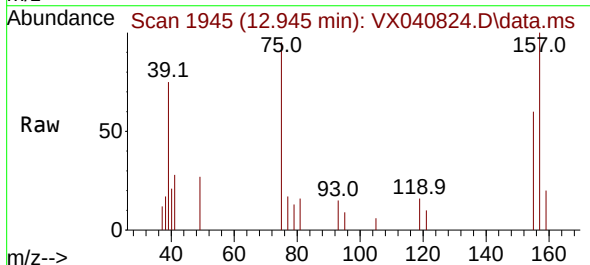
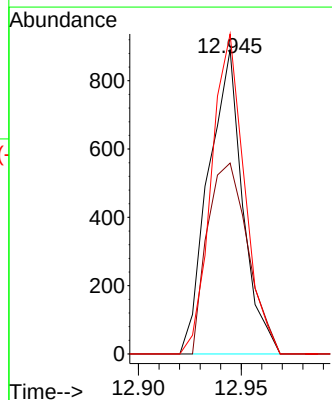
Manual Integrations
APPROVED

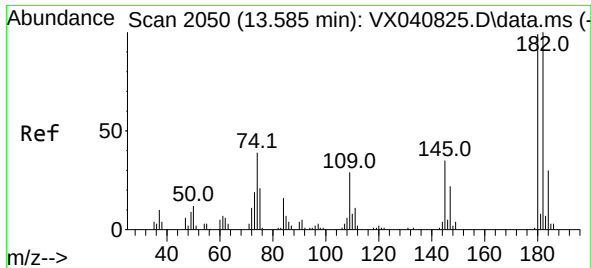
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.977 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

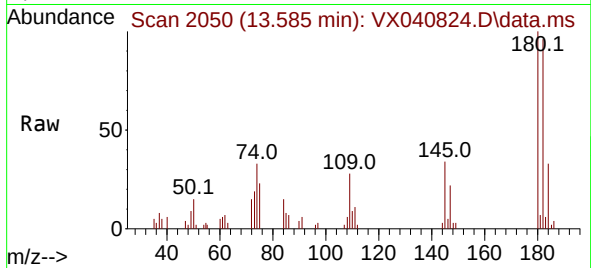
Tgt Ion: 75 Resp: 1031
Ion Ratio Lower Upper
75 100
155 74.6 58.2 87.4
157 101.7 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 4.801 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

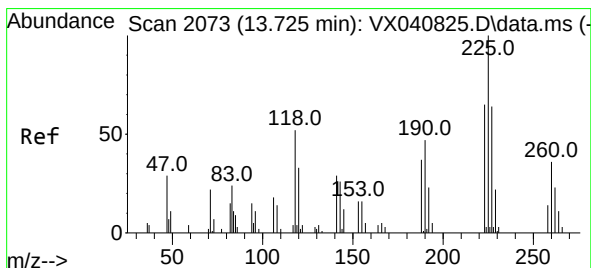
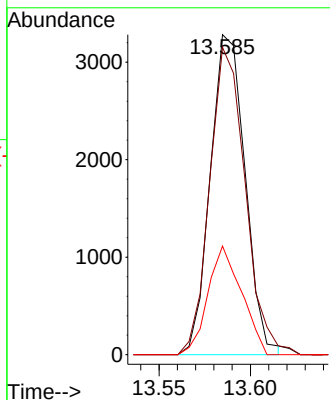
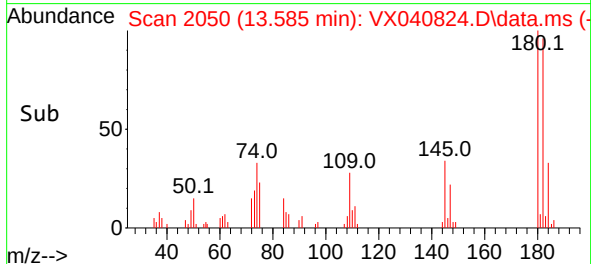
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



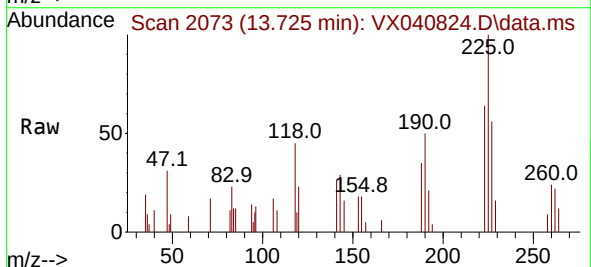
Tgt Ion:180 Resp: 435
Ion Ratio Lower Upper
180 100
182 98.1 74.5 111.7
145 32.8 26.6 40.0

Manual Integrations
APPROVED

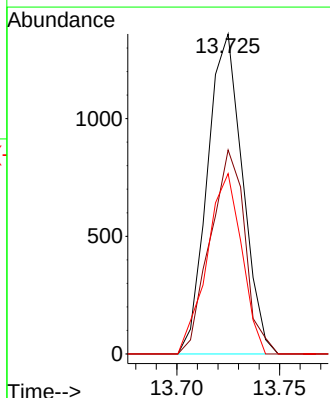
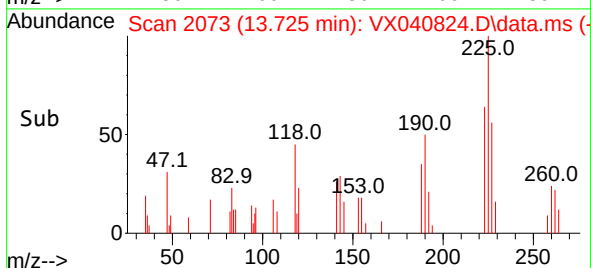
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

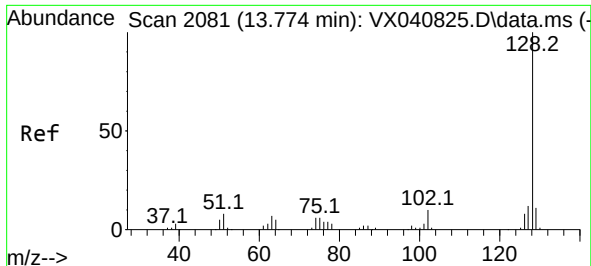


#90
Hexachlorobutadiene
Concen: 4.767 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39



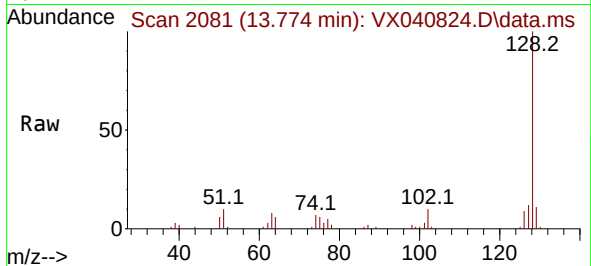
Tgt Ion:225 Resp: 1620
Ion Ratio Lower Upper
225 100
223 63.2 0.0 124.4
227 55.7 0.0 124.4





#91
Naphthalene
Concen: 4.313 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39

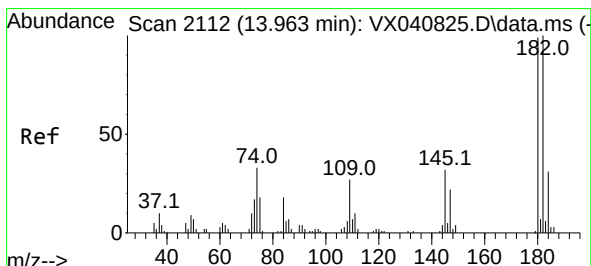
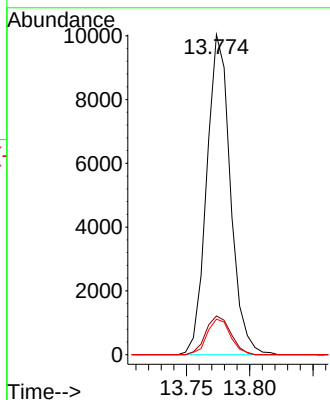
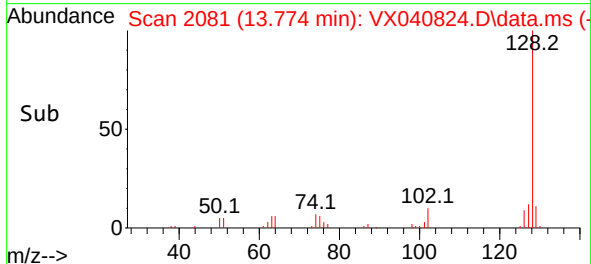
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



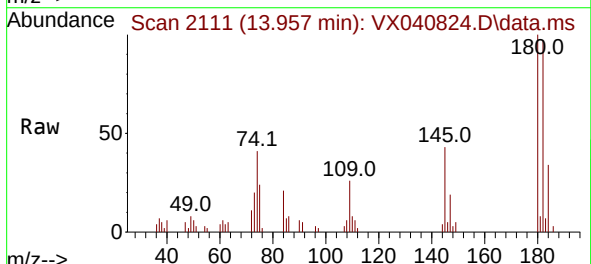
Tgt Ion:128 Resp: 1307
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.547 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040824.D
Acq: 28 Mar 2024 15:39



Tgt Ion:180 Resp: 3928
Ion Ratio Lower Upper
180 100
182 102.4 0.0 191.6
145 36.3 0.0 69.6

