

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036931.D
 Acq On : 11 Aug 2023 11:13
 Operator : JC/MD
 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 22:54:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94003	45.484	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.960%		
35) Dibromofluoromethane	5.385	113	79546	48.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.647	98	260558	44.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.000%#		
62) 4-Bromofluorobenzene	11.079	95	105149	47.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35846	19.427	ug/l	99
3) Chloromethane	1.300	50	28354	16.895	ug/l	96
4) Vinyl Chloride	1.374	62	31935	18.690	ug/l	99
5) Bromomethane	1.599	94	19963	19.569	ug/l	99
6) Chloroethane	1.684	64	20689	24.905	ug/l	97
7) Trichlorofluoromethane	1.886	101	58497	22.169	ug/l	99
8) Diethyl Ether	2.136	74	20464	20.046	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	32767	20.669	ug/l	98
10) Methyl Iodide	2.453	142	36666	22.268	ug/l	94
11) Tert butyl alcohol	2.959	59	42616	87.098	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30795	19.689	ug/l	86
13) Acrolein	2.239	56	29765	106.595	ug/l	100
14) Allyl chloride	2.666	41	49839	16.182	ug/l #	96
15) Acrylonitrile	3.062	53	88870	90.317	ug/l	99
16) Acetone	2.379	43	82487	96.182	ug/l #	89
17) Carbon Disulfide	2.514	76	73463	17.019	ug/l	99
18) Methyl Acetate	2.703	43	63002	17.463	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	114392	19.463	ug/l	96
20) Methylene Chloride	2.788	84	35047	18.375	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	33871	19.377	ug/l	90
22) Diisopropyl ether	3.763	45	102158	17.470	ug/l	85
23) Vinyl Acetate	3.721	43	390771	87.117	ug/l #	95
24) 1,1-Dichloroethane	3.611	63	61288	18.693	ug/l	96
25) 2-Butanone	4.556	43	123180	88.528	ug/l	90
26) 2,2-Dichloropropane	4.477	77	59706	19.327	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	40755	19.630	ug/l	91
28) Bromochloromethane	4.897	49	30302	19.110	ug/l	83
29) Tetrahydrofuran	5.007	42	76151	84.888	ug/l #	86
30) Chloroform	5.092	83	66857	19.932	ug/l	93
31) Cyclohexane	5.470	56	49835	17.415	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	61588	20.039	ug/l	98
36) 1,1-Dichloropropene	5.696	75	47591	19.340	ug/l	98
37) Ethyl Acetate	4.714	43	46925	16.848	ug/l #	94
38) Carbon Tetrachloride	5.678	117	52712	20.149	ug/l	97
39) Methylcyclohexane	7.379	83	53666	17.539	ug/l	95
40) Benzene	6.037	78	139871	19.537	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036931.D
 Acq On : 11 Aug 2023 11:13
 Operator : JC/MD
 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 22:54:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26067	17.499	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	53500	20.439	ug/l	96
43) Isopropyl Acetate	6.342	43	80691	16.831	ug/l	95
44) Trichloroethene	7.129	130	38543	20.596	ug/l	93
45) 1,2-Dichloropropane	7.427	63	35393	18.516	ug/l	97
46) Dibromomethane	7.580	93	26818	20.047	ug/l	96
47) Bromodichloromethane	7.824	83	52468	19.107	ug/l	99
48) Methyl methacrylate	7.696	41	37799	16.953	ug/l #	87
49) 1,4-Dioxane	7.659	88	17178	381.379	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	239723	90.355	ug/l	94
52) Toluene	8.720	92	90411	20.154	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56601	18.237	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60181	18.376	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	37985	20.144	ug/l	95
56) Ethyl methacrylate	9.116	69	57076	18.588	ug/l	92
57) 1,3-Dichloropropane	9.311	76	62723	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	140728	93.014	ug/l	95
59) 2-Hexanone	9.427	43	181618	92.236	ug/l	92
60) Dibromochloromethane	9.518	129	39265	18.945	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39091	20.002	ug/l	98
64) Tetrachloroethene	9.275	164	33919	21.115	ug/l	95
65) Chlorobenzene	10.079	112	95625	20.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36836	20.075	ug/l	100
67) Ethyl Benzene	10.195	91	171413	19.765	ug/l	99
68) m/p-Xylenes	10.299	106	132013	40.798	ug/l	99
69) o-Xylene	10.640	106	64445	19.953	ug/l	99
70) Styrene	10.652	104	105350	19.770	ug/l	99
71) Bromoform	10.799	173	27176	18.296	ug/l #	100
73) Isopropylbenzene	10.963	105	169377	19.369	ug/l	97
74) N-amyl acetate	10.841	43	65401	16.038	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	53969	18.273	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	46737m	18.805	ug/l	
77) Bromobenzene	11.195	156	39761	19.966	ug/l	95
78) n-propylbenzene	11.305	91	191860	18.971	ug/l	100
79) 2-Chlorotoluene	11.366	91	117484	19.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	141402	19.329	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16244	14.814	ug/l	91
82) 4-Chlorotoluene	11.451	91	135237	19.368	ug/l	99
83) tert-Butylbenzene	11.713	119	134124	18.663	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	140408	19.192	ug/l	97
85) sec-Butylbenzene	11.890	105	162552	18.137	ug/l	98
86) p-Isopropyltoluene	12.006	119	137052	18.584	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	73220	19.851	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	74232	20.280	ug/l	99
89) n-Butylbenzene	12.329	91	115063	17.429	ug/l	99
90) Hexachloroethane	12.536	117	23077	15.435	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	72764	20.443	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12197	17.771	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	41762	19.044	ug/l	97
94) Hexachlorobutadiene	13.725	225	17158	18.913	ug/l	98
95) Naphthalene	13.774	128	149104	19.512	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41457	19.181	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
Data File : VX036931.D
Acq On : 11 Aug 2023 11:13
Operator : JC/MD
Sample : VX0811WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

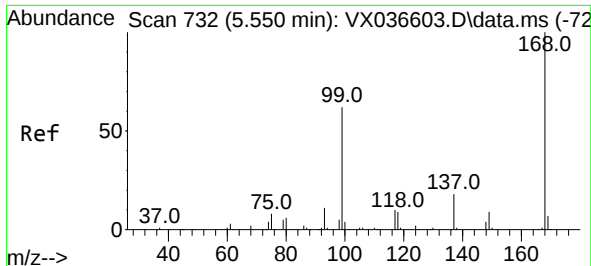
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 22:54:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

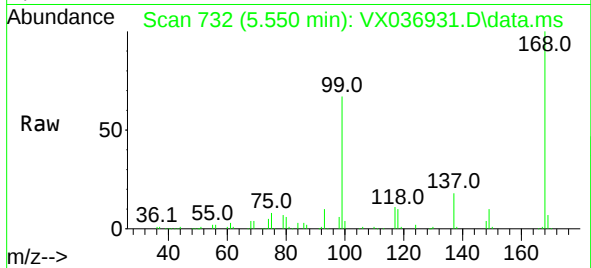
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

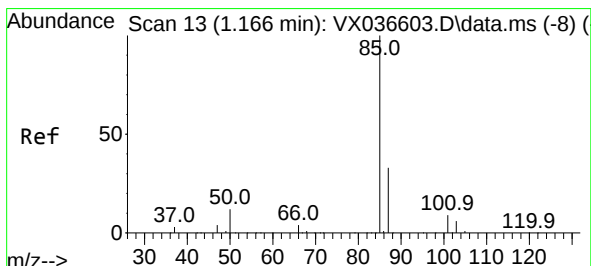
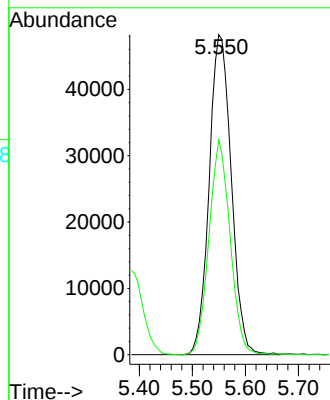
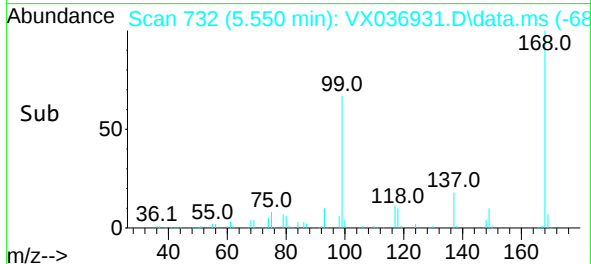
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion:168 Resp: 13967
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0

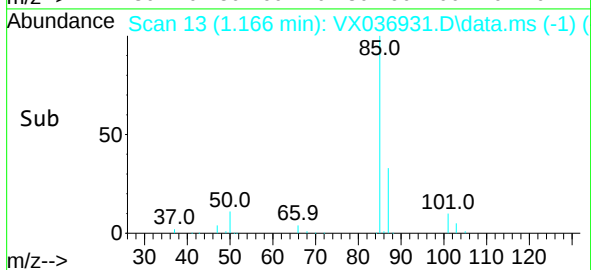
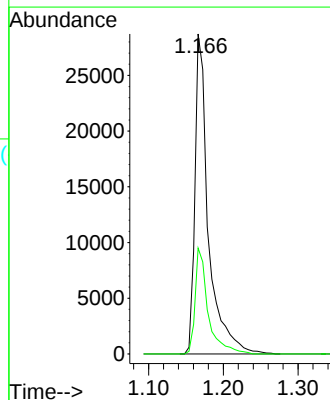
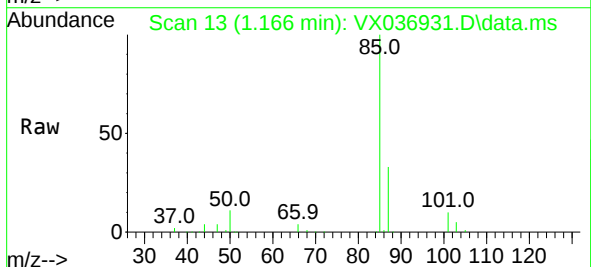
Manual Integrations
APPROVED

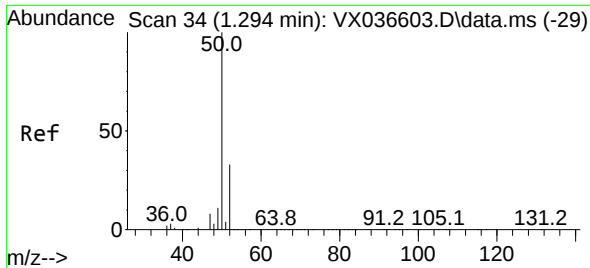
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#2
Dichlorodifluoromethane
Concen: 19.427 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

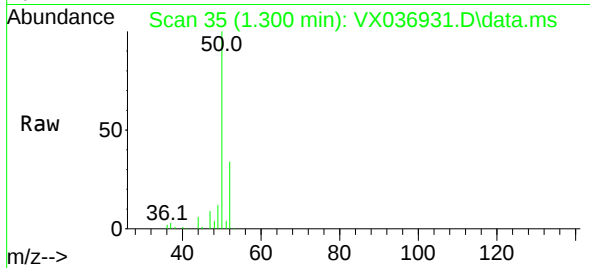
Tgt Ion: 85 Resp: 35846
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3
Chloromethane
Concen: 16.895 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

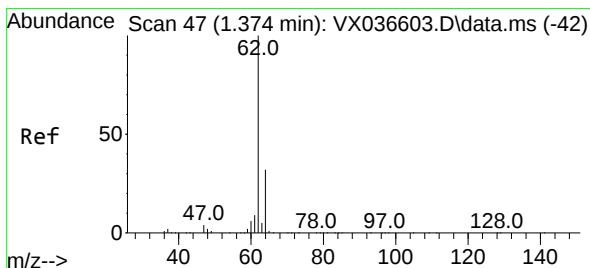
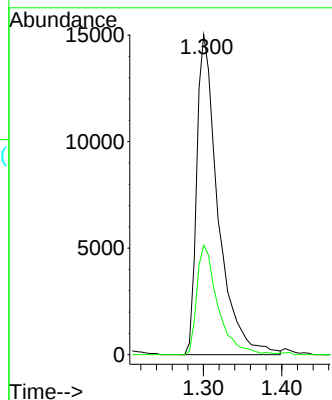
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 50 Resp: 28354
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

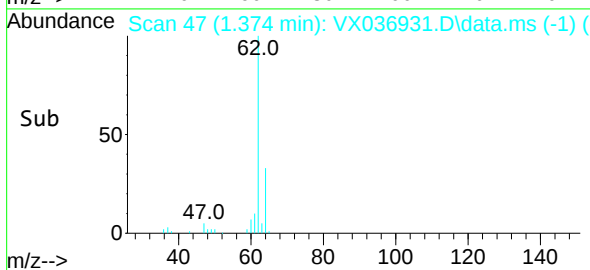
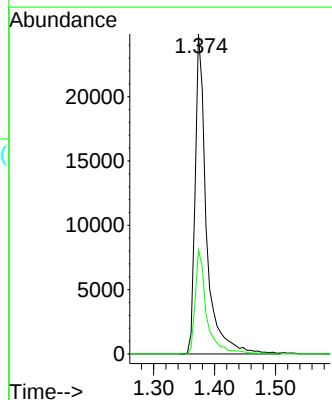
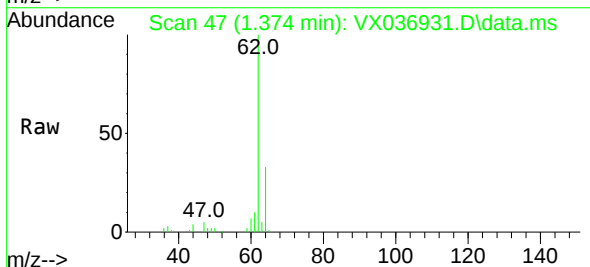
Manual Integrations
APPROVED

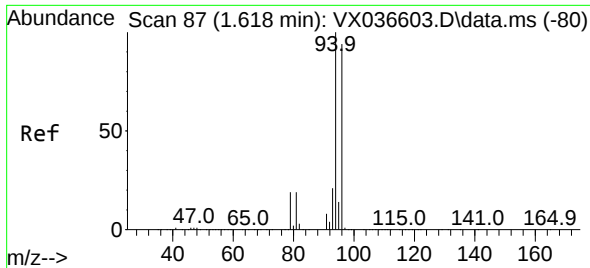
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#4
Vinyl Chloride
Concen: 18.690 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

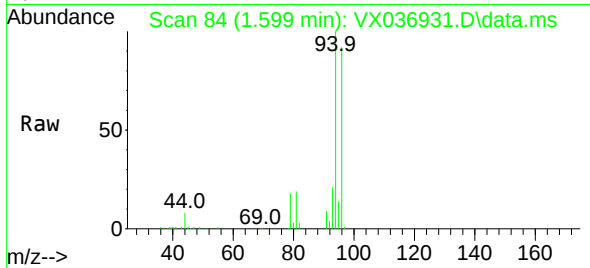
Tgt Ion: 62 Resp: 31935
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 19.569 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

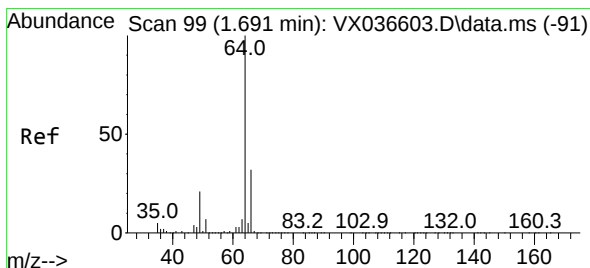
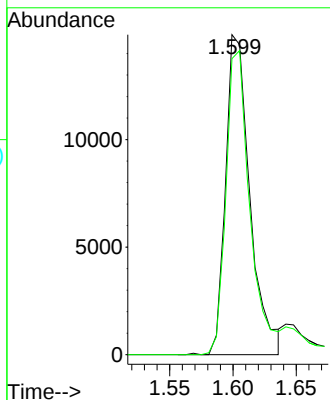
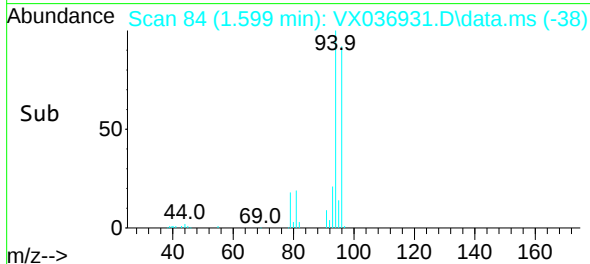
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 94 Resp: 1996
Ion Ratio Lower Upper
94 100
96 92.5 74.6 111.8

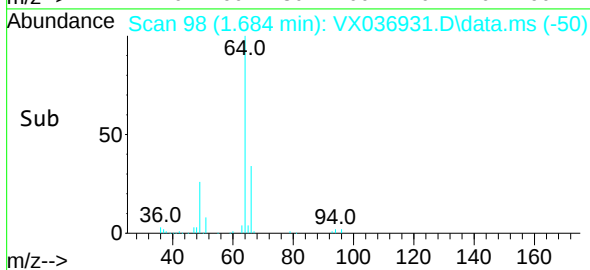
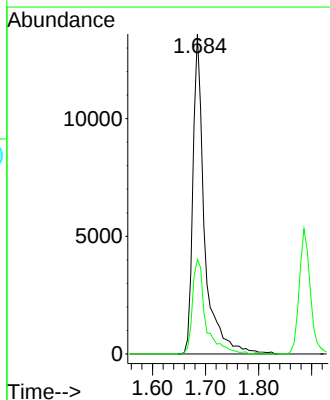
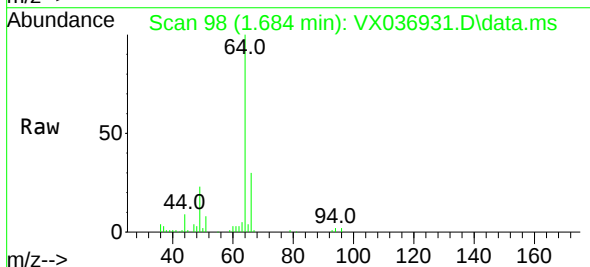
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#6
Chloroethane
Concen: 24.905 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

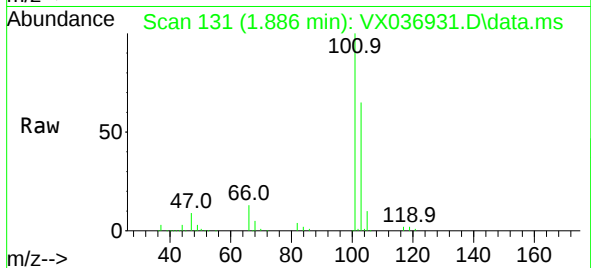
Tgt Ion: 64 Resp: 20689
Ion Ratio Lower Upper
64 100
66 29.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 22.169 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036931.D
 Acq: 11 Aug 2023 11:13

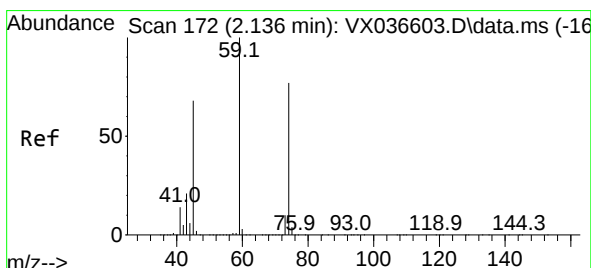
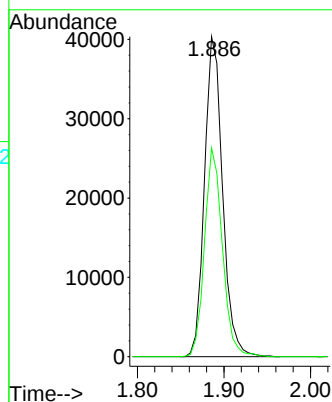
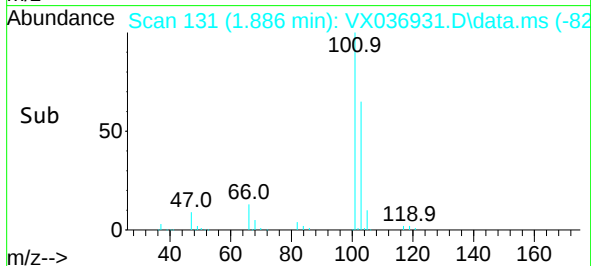
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01



Tgt Ion:101 Resp: 5849
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2

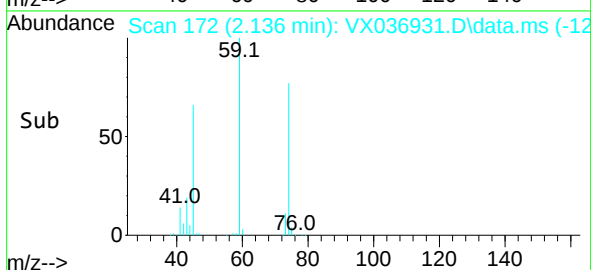
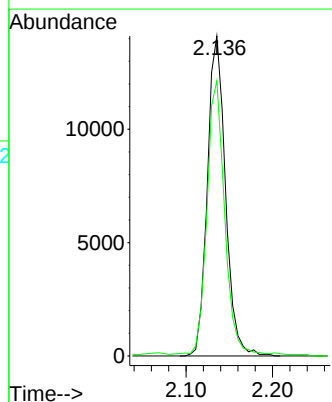
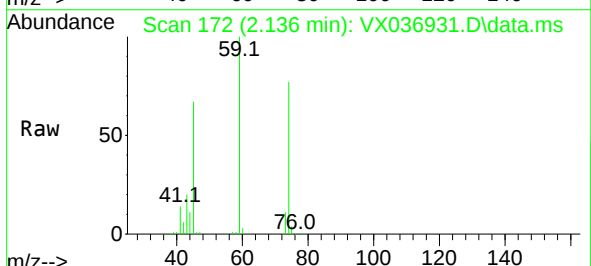
Manual Integrations
 APPROVED

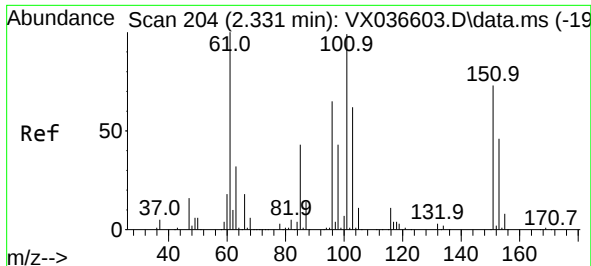
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#8
 Diethyl Ether
 Concen: 20.046 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036931.D
 Acq: 11 Aug 2023 11:13

Tgt Ion: 74 Resp: 20464
 Ion Ratio Lower Upper
 74 100
 45 83.1 53.3 159.8





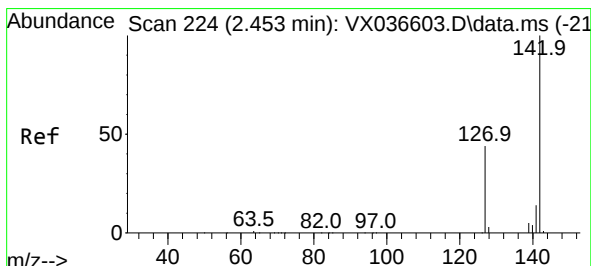
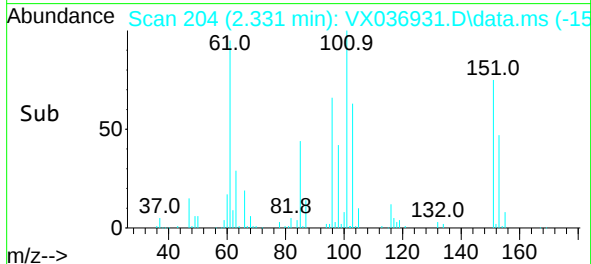
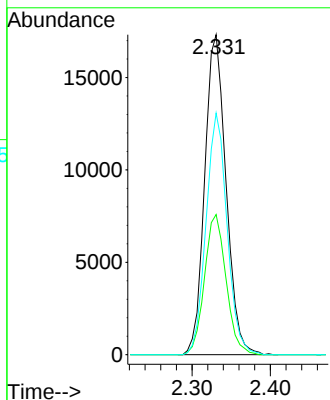
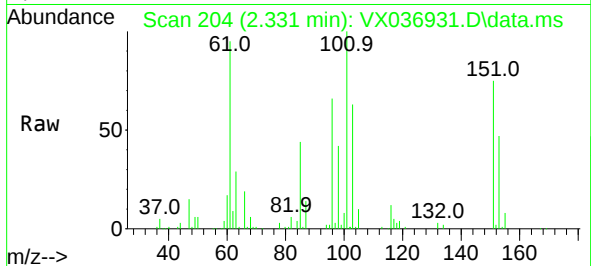
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.669 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion:101 Resp: 3276
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 74.5 58.6 87.8

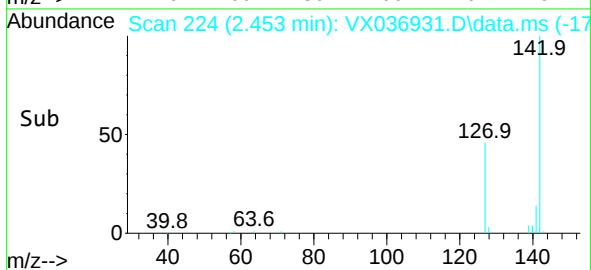
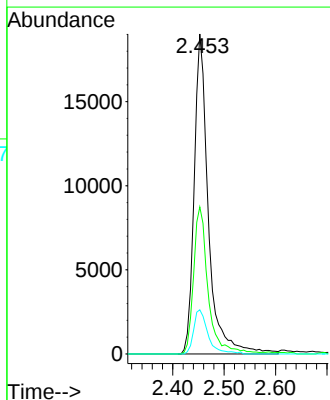
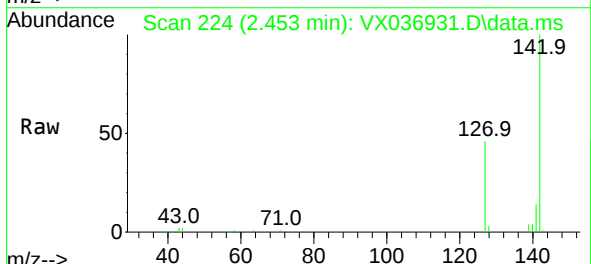
Manual Integrations
APPROVED

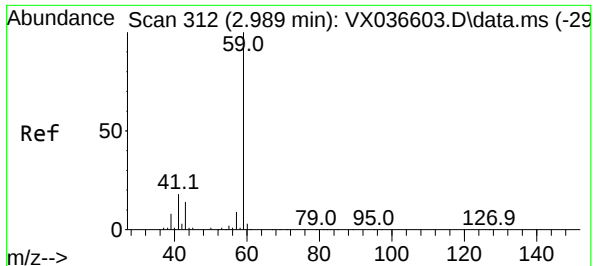
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#10
Methyl Iodide
Concen: 22.268 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

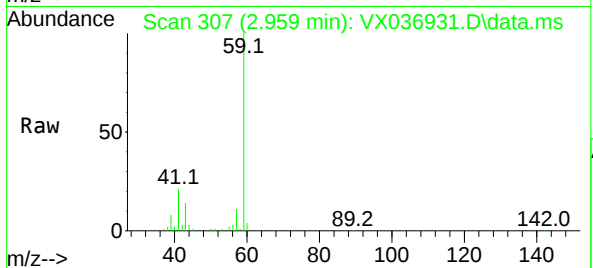
Tgt Ion:142 Resp: 36666
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 87.098 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

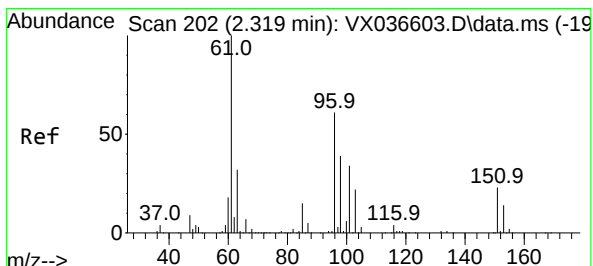
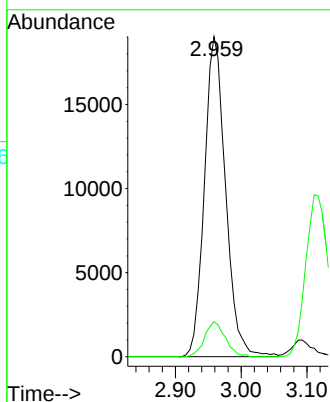
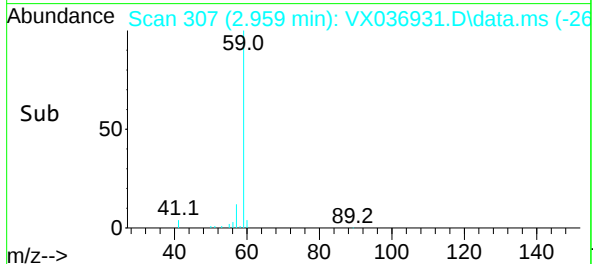
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



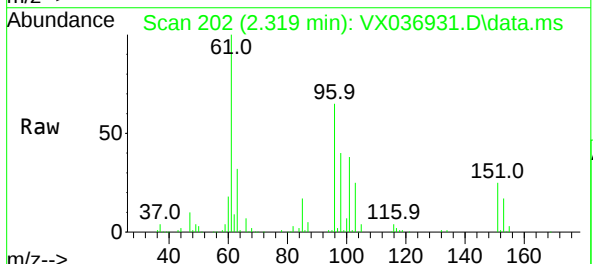
Tgt Ion: 59 Resp: 42610
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

Manual Integrations
APPROVED

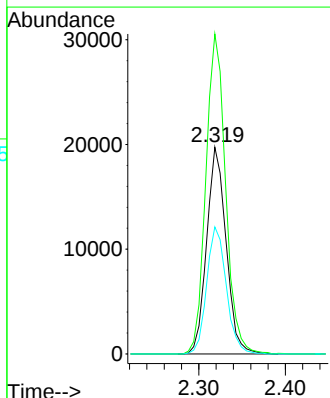
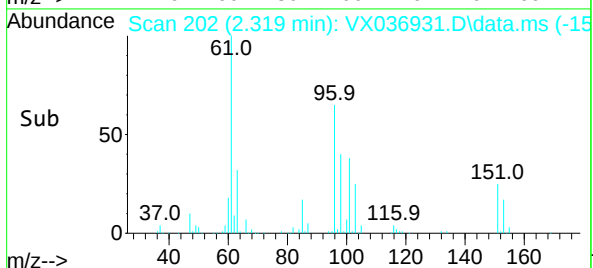
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#12
1,1-Dichloroethene
Concen: 19.689 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



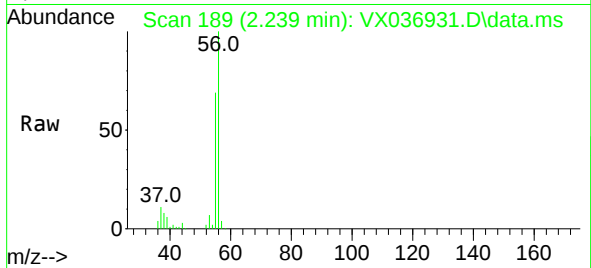
Tgt Ion: 96 Resp: 30795
Ion Ratio Lower Upper
96 100
61 154.8 144.6 216.8
98 61.4 50.4 75.6





#13
Acrolein
Concen: 106.595 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

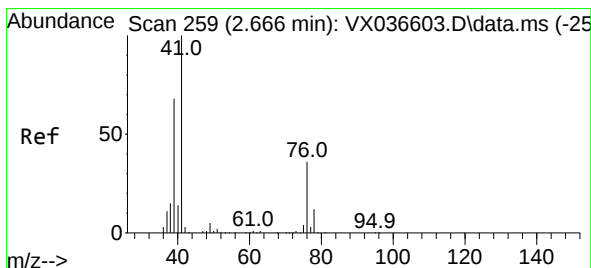
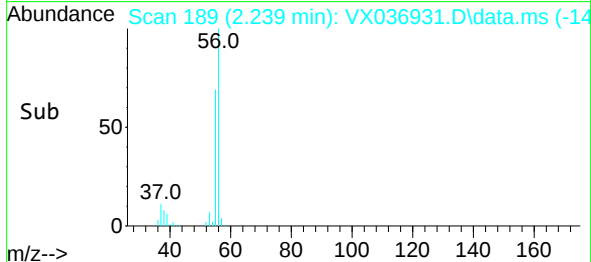
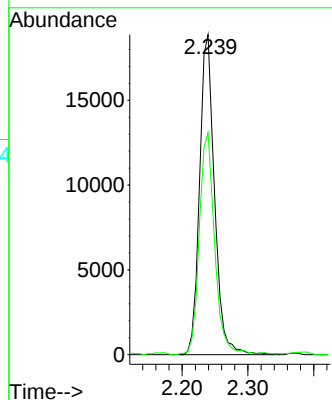
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

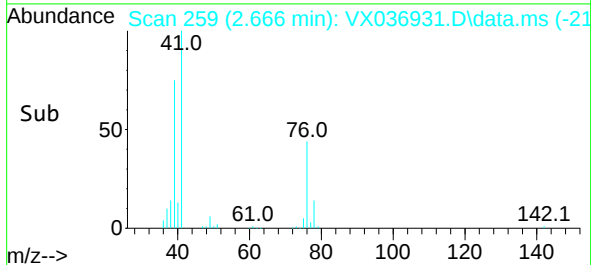
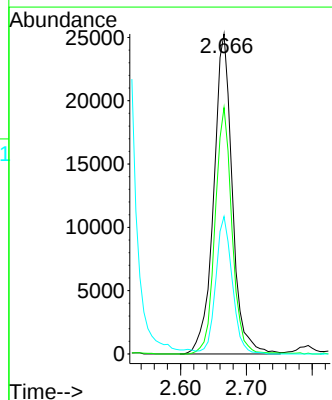
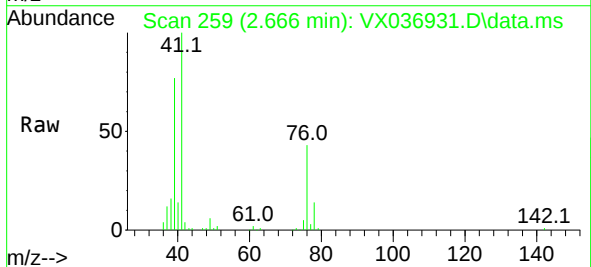
Manual Integrations
APPROVED

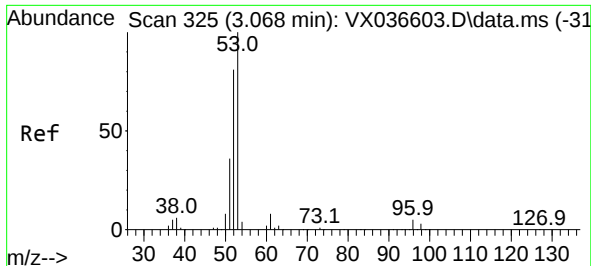
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#14
Allyl chloride
Concen: 16.182 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

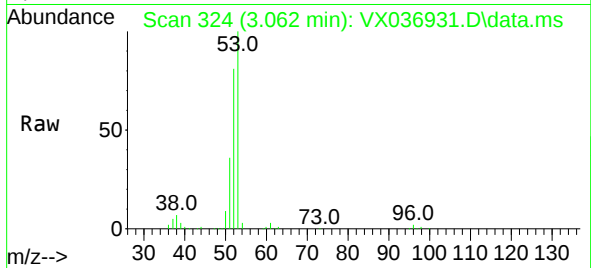
Tgt Ion: 41 Resp: 49839
Ion Ratio Lower Upper
41 100
39 69.9 55.8 83.6
76 38.1 24.3 36.5





#15
Acrylonitrile
Concen: 90.317 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

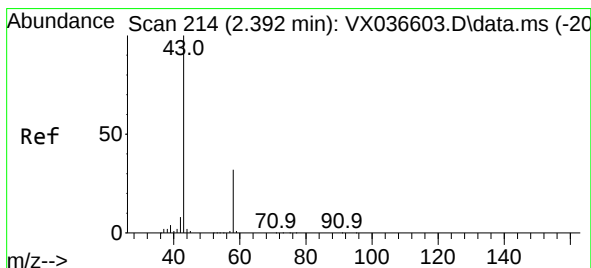
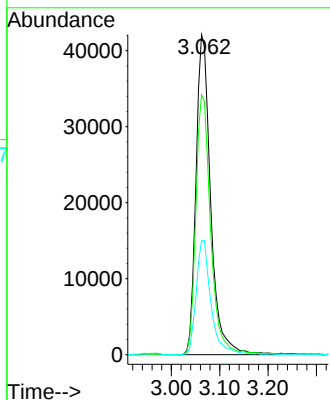
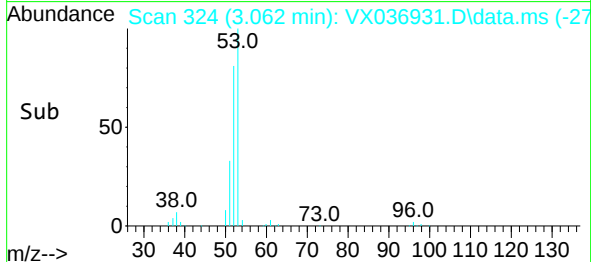
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 53 Resp: 88870
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 36.1 29.8 44.6

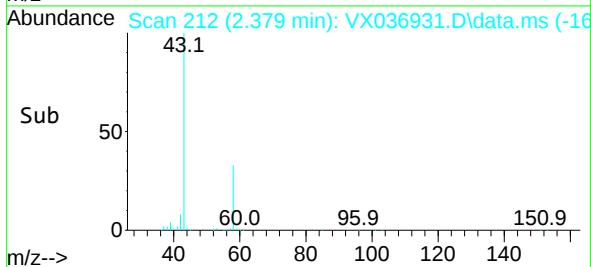
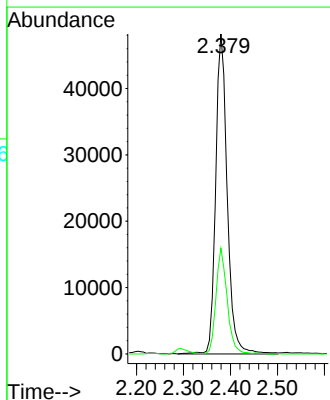
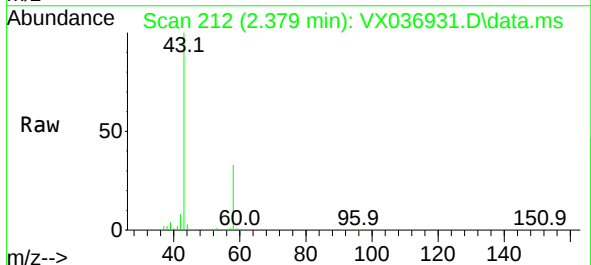
Manual Integrations
APPROVED

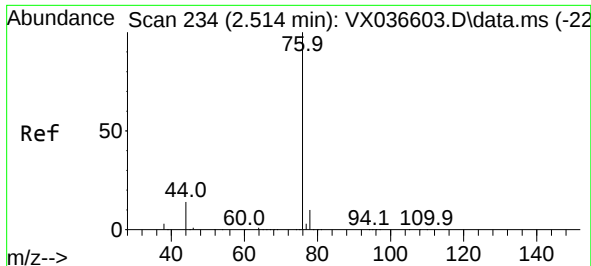
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#16
Acetone
Concen: 96.182 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Tgt Ion: 43 Resp: 82487
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 17.019 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 76 Resp: 7346

Ion Ratio Lower Upper

76 100

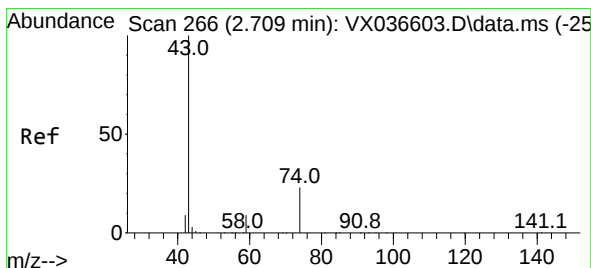
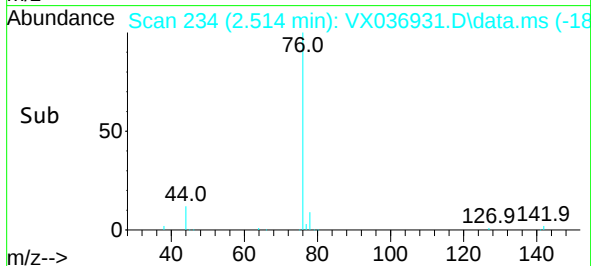
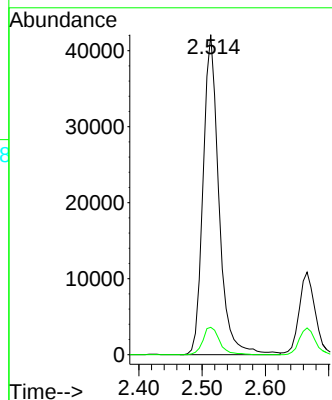
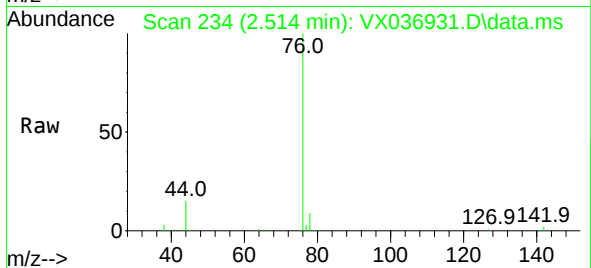
78 8.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#18

Methyl Acetate

Concen: 17.463 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036931.D

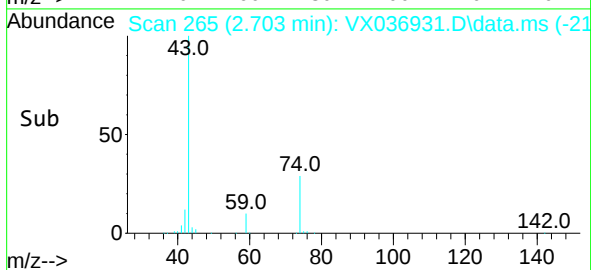
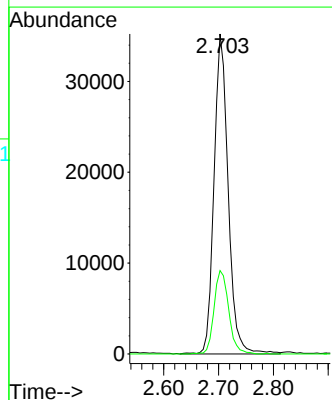
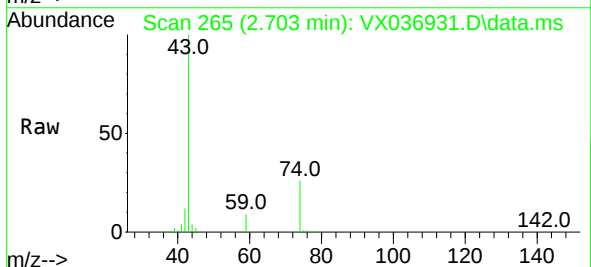
Acq: 11 Aug 2023 11:13

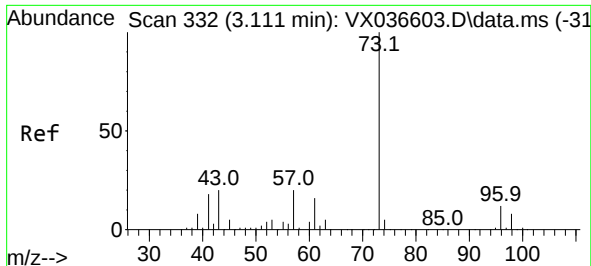
Tgt Ion: 43 Resp: 63002

Ion Ratio Lower Upper

43 100

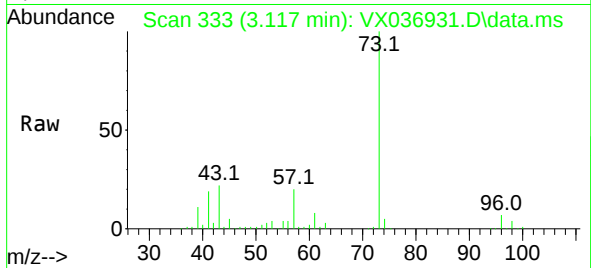
74 27.0 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 19.463 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

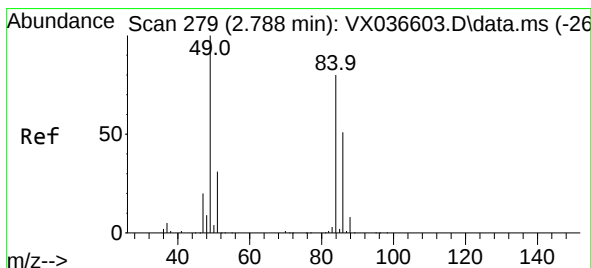
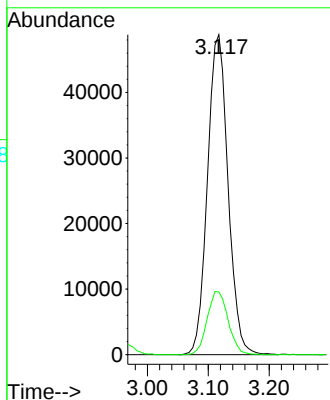
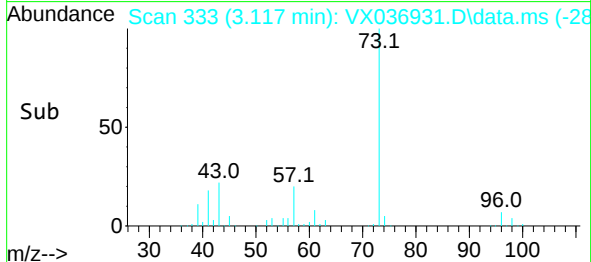
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 73 Resp: 114392
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9

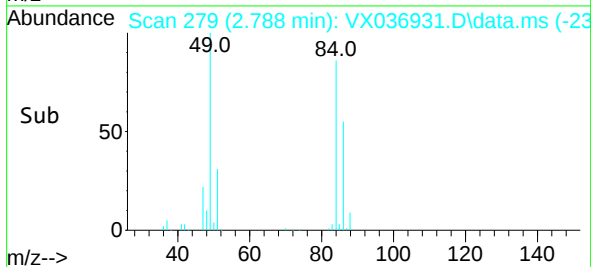
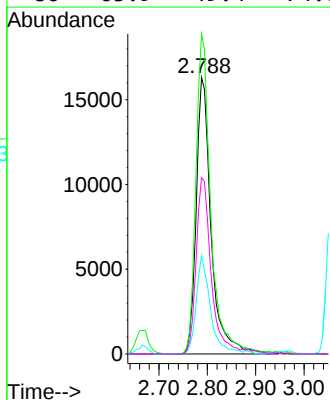
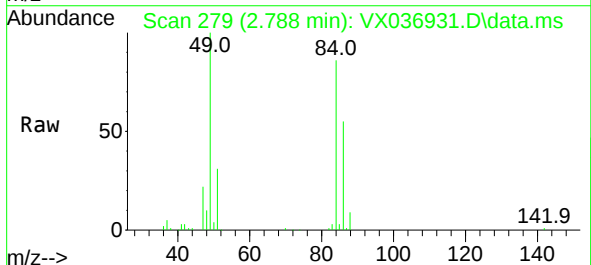
Manual Integrations
APPROVED

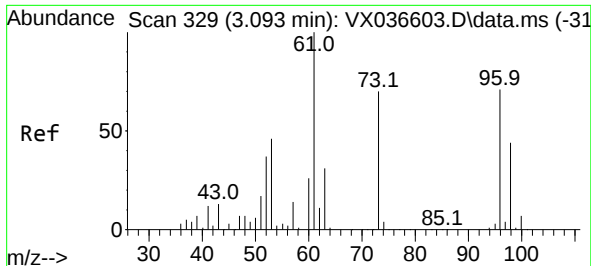
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#20
Methylene Chloride
Concen: 18.375 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

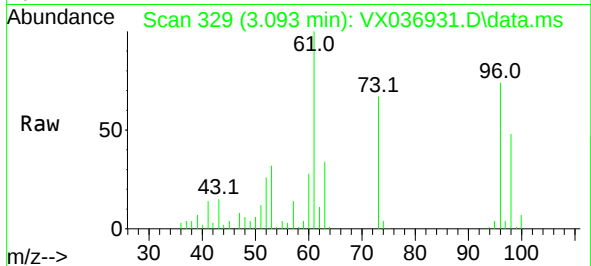
Tgt Ion: 84 Resp: 35047
Ion Ratio Lower Upper
84 100
49 115.8 103.6 155.4
51 35.6 33.8 50.6
86 63.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.377 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

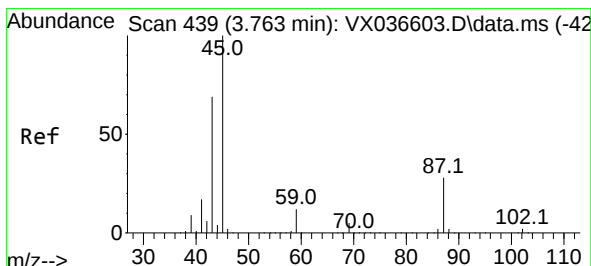
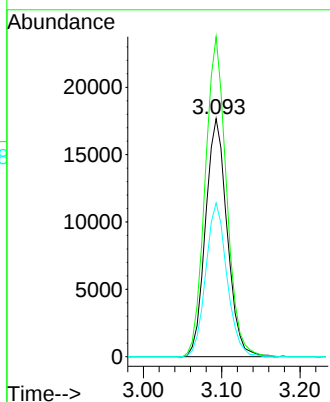
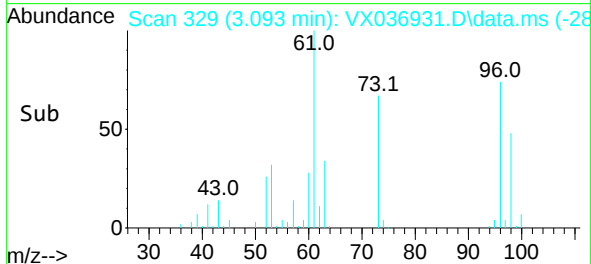
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



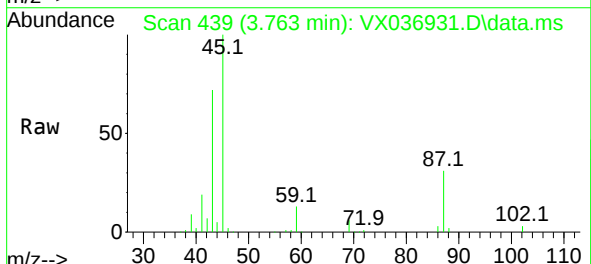
Tgt Ion: 96 Resp: 3387
Ion Ratio Lower Upper
96 100
61 134.4 119.2 178.8
98 64.6 48.7 73.1

Manual Integrations
APPROVED

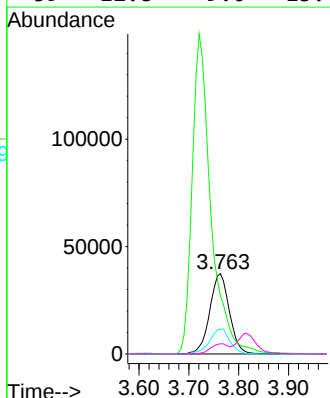
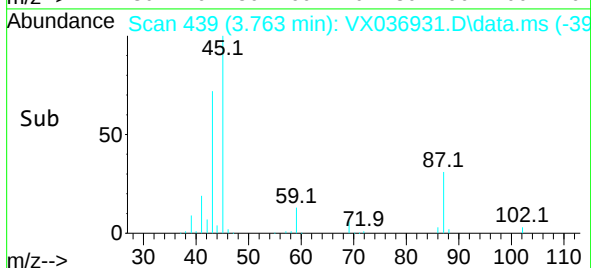
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

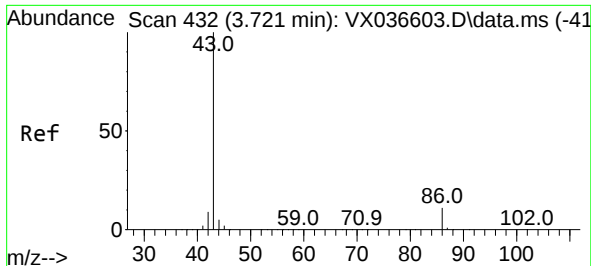


#22
Diisopropyl ether
Concen: 17.470 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 45 Resp: 102158
Ion Ratio Lower Upper
45 100
43 70.7 69.7 104.5
87 30.8 20.8 31.2
59 12.8 9.0 13.4





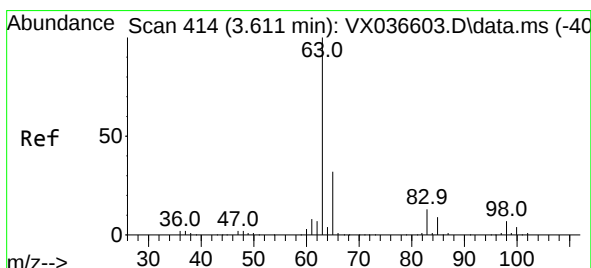
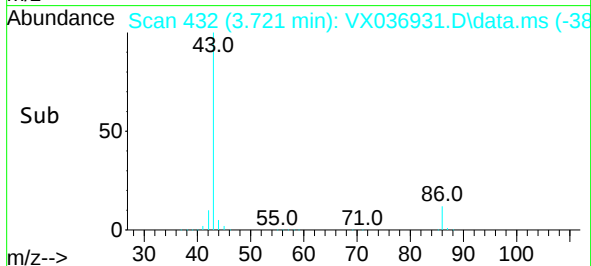
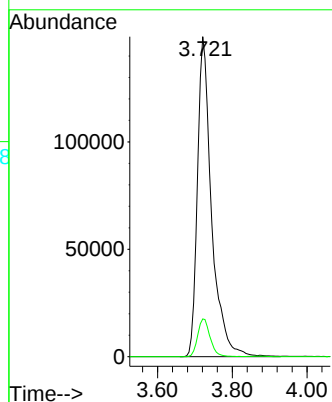
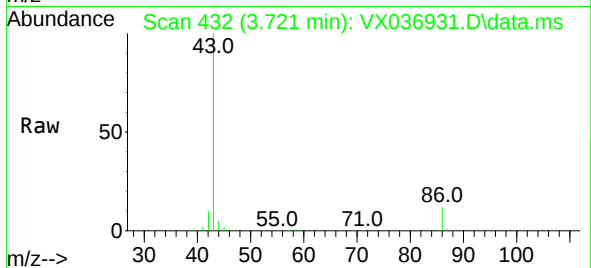
#23
 Vinyl Acetate
 Concen: 87.117 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036931.D
 Acq: 11 Aug 2023 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Tgt Ion: 43 Resp: 39077
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

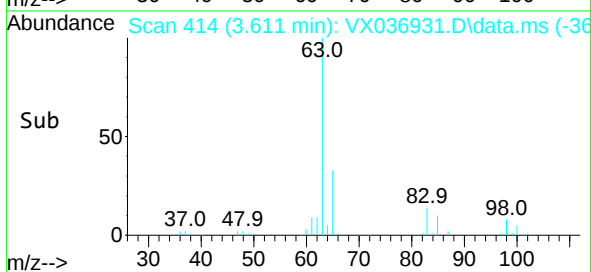
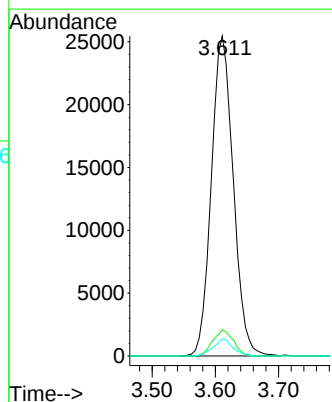
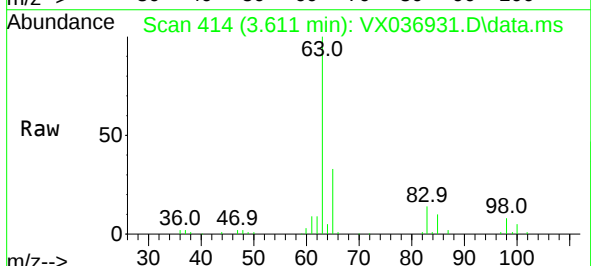
Manual Integrations
 APPROVED

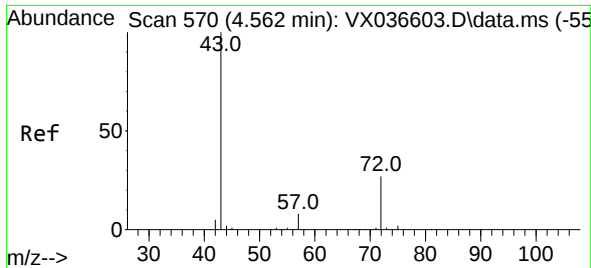
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#24
 1,1-Dichloroethane
 Concen: 18.693 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036931.D
 Acq: 11 Aug 2023 11:13

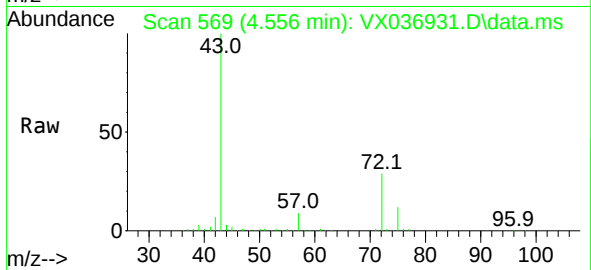
Tgt Ion: 63 Resp: 61288
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 88.528 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

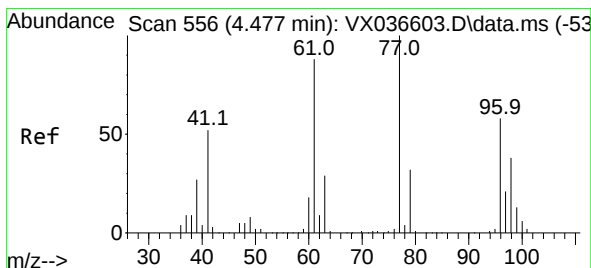
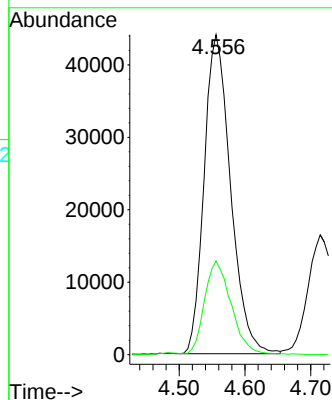
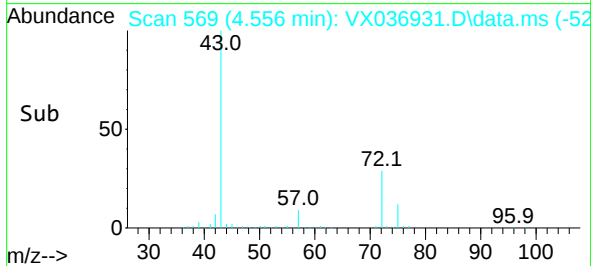
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 43 Resp: 123180
Ion Ratio Lower Upper
43 100
72 29.1 19.4 29.2

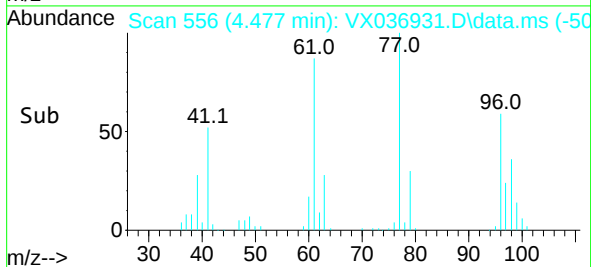
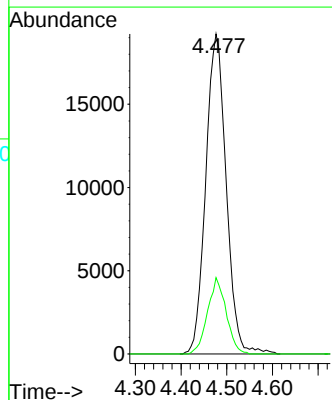
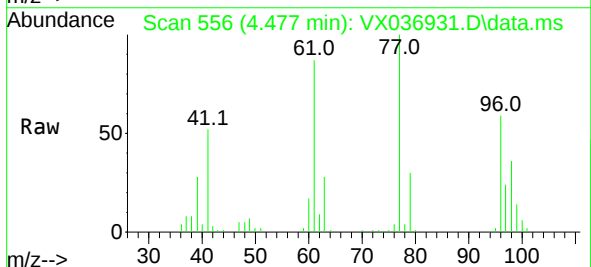
Manual Integrations
APPROVED

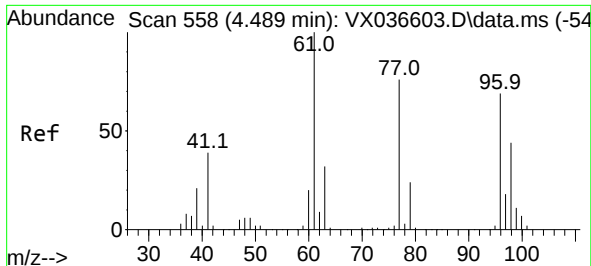
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#26
2,2-Dichloropropane
Concen: 19.327 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Tgt Ion: 77 Resp: 59706
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.630 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 96 Resp: 4075

Ion Ratio Lower Upper

96 100

61 140.5 0.0 312.2

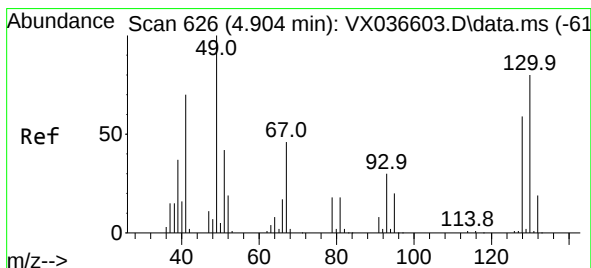
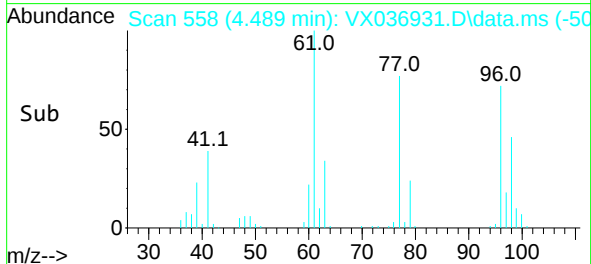
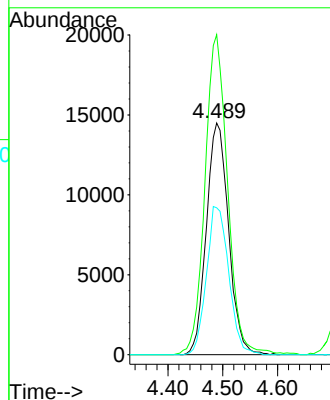
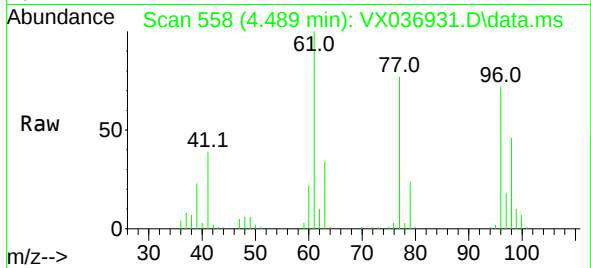
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#28

Bromochloromethane

Concen: 19.110 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

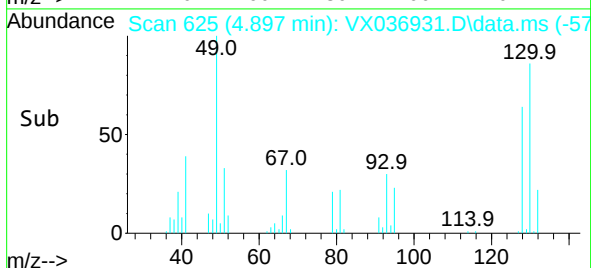
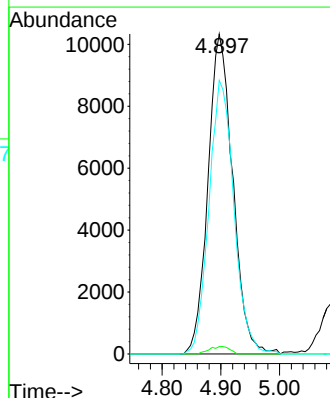
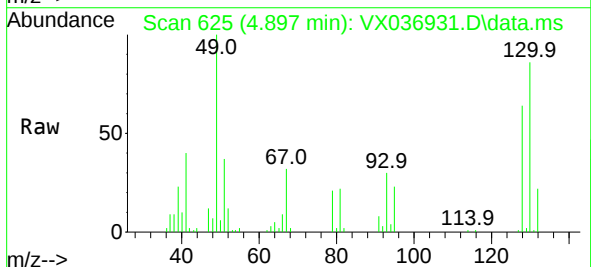
Tgt Ion: 49 Resp: 30302

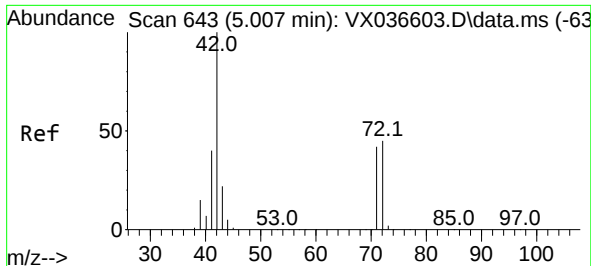
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 86.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 84.888 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

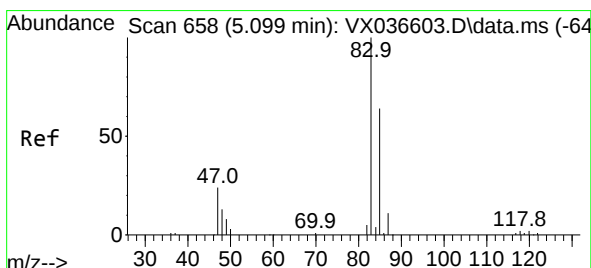
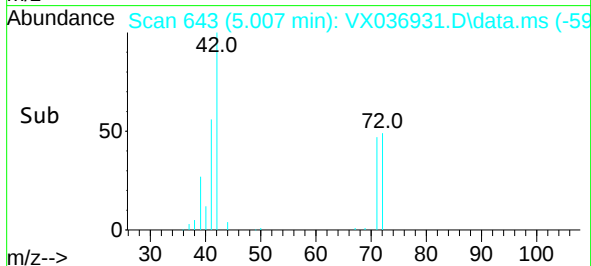
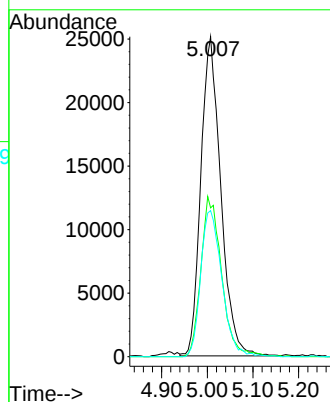
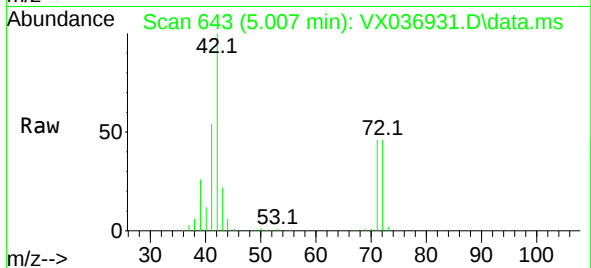
Tgt Ion:	42	Resp:	7615
Ion Ratio	Lower	Upper	
42	100		
72	52.1	34.2	51.4
71	48.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#30

Chloroform

Concen: 19.932 ug/l

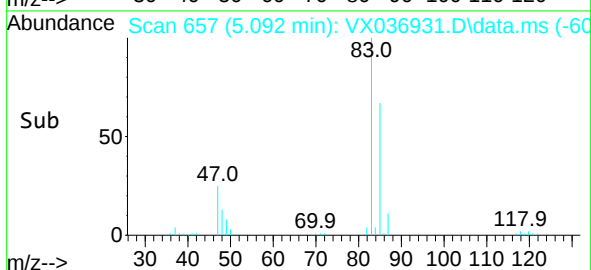
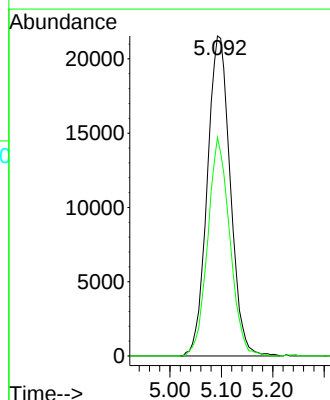
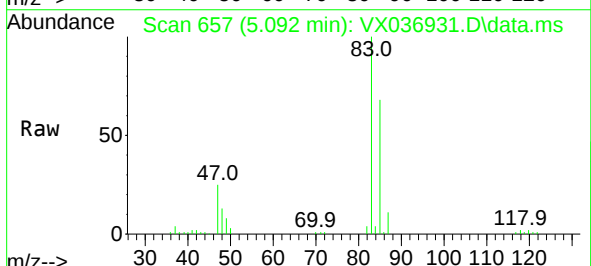
RT: 5.092 min Scan# 657

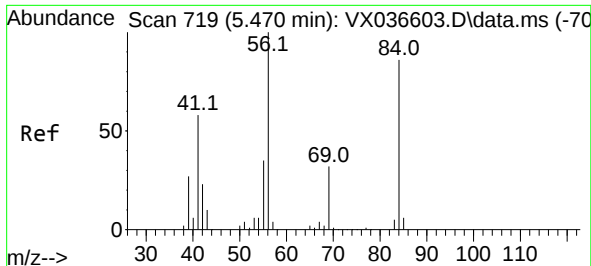
Delta R.T. -0.006 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

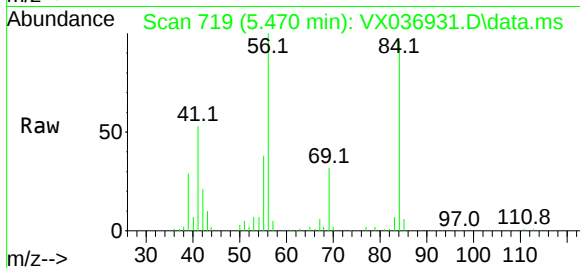
Tgt Ion:	83	Resp:	66857
Ion Ratio	Lower	Upper	
83	100		
85	68.3	50.3	75.5





#31
Cyclohexane
Concen: 17.415 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

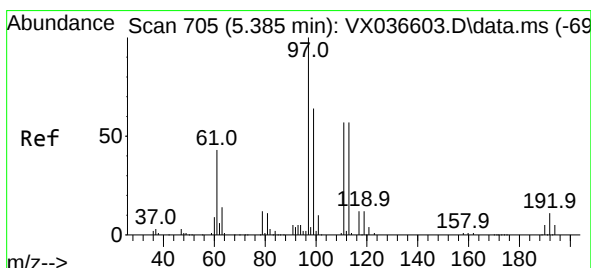
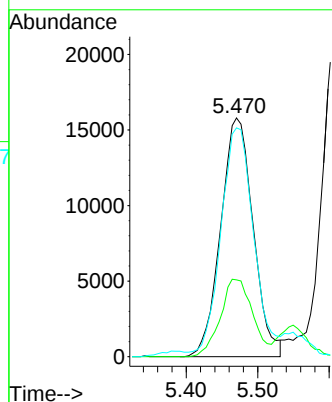
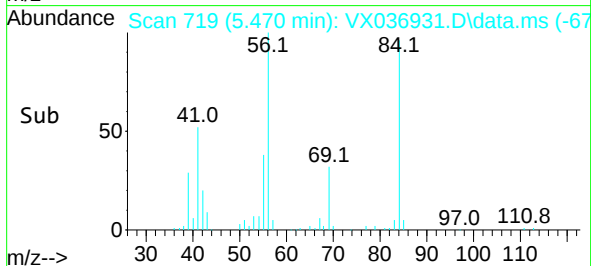
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



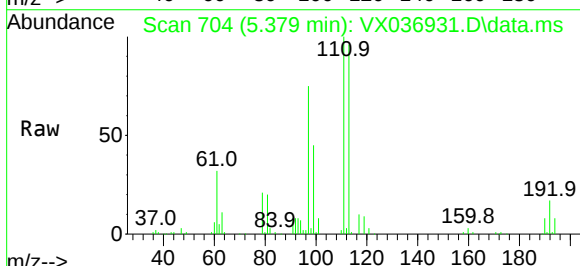
Tgt Ion: 56 Resp: 4983
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 93.5 65.9 98.9

Manual Integrations
APPROVED

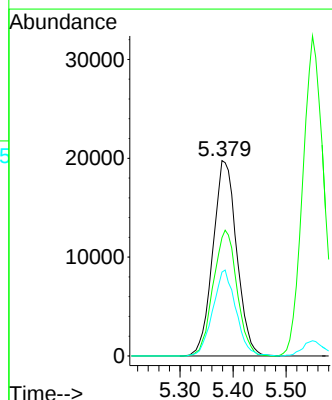
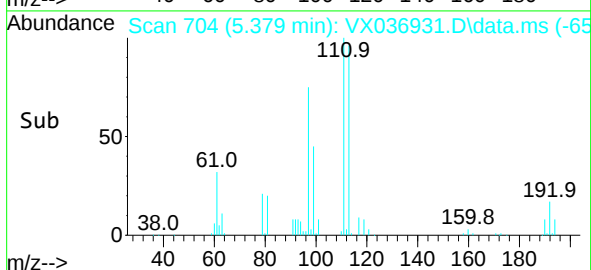
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

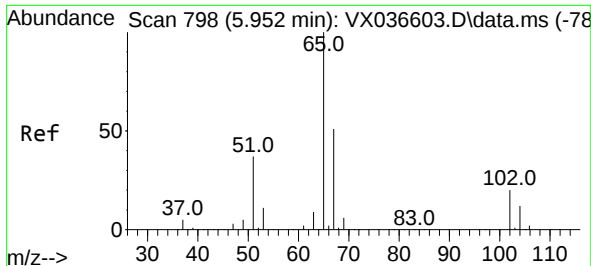


#32
1,1,1-Trichloroethane
Concen: 20.039 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 97 Resp: 61588
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.6 36.4 54.6





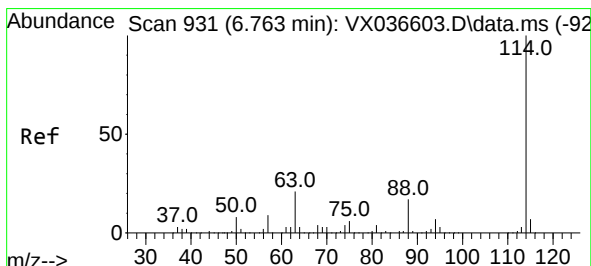
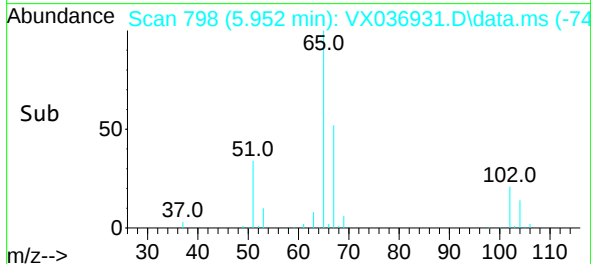
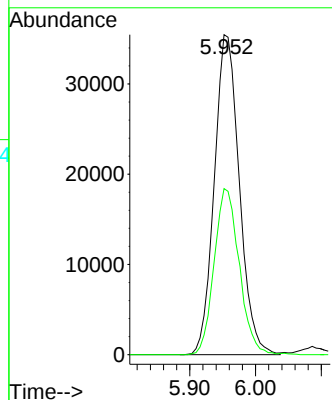
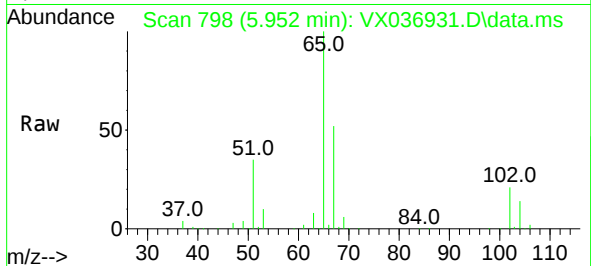
#33
1,2-Dichloroethane-d4
Concen: 45.484 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion: 65 Resp: 9400
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

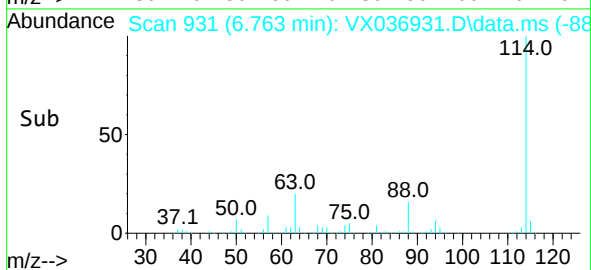
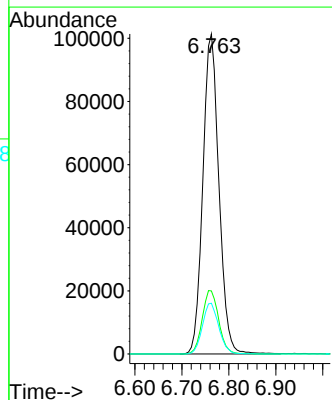
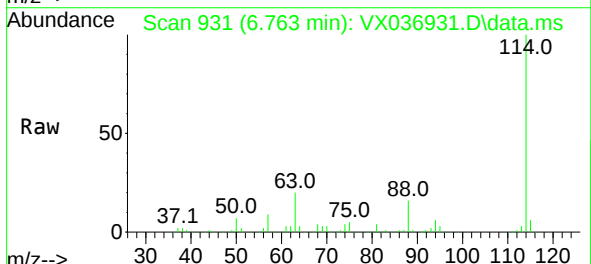
Manual Integrations
APPROVED

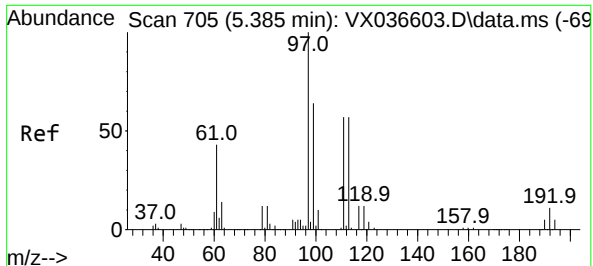
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Tgt Ion:114 Resp: 240191
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.182 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

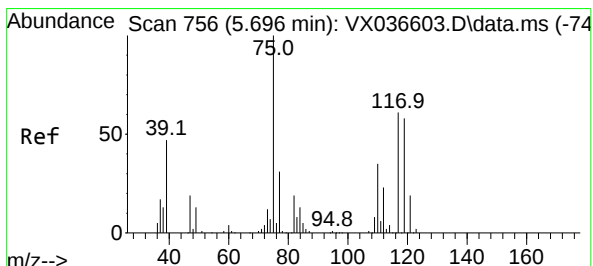
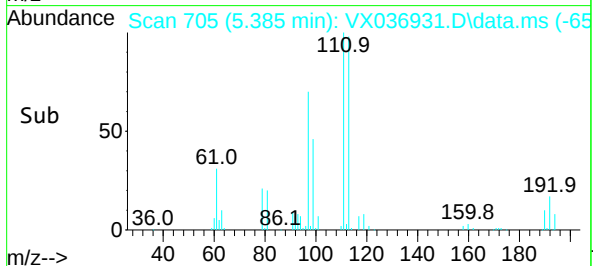
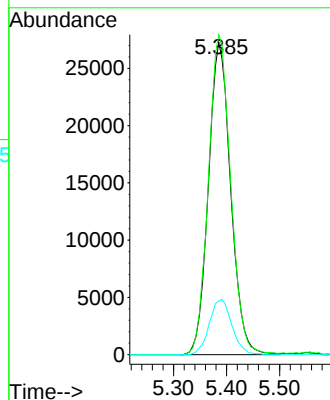
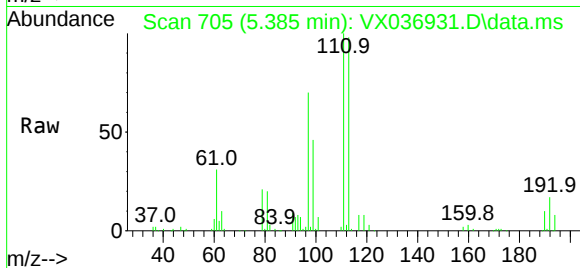
Tgt Ion:	113	Resp:	79540
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#36

1,1-Dichloropropene

Concen: 19.340 ug/l

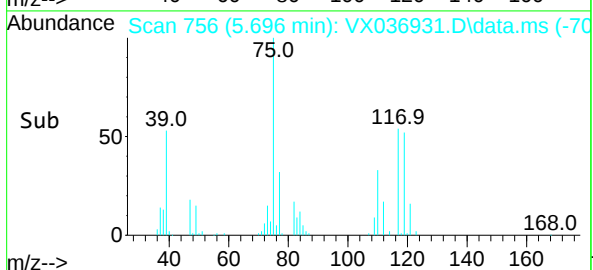
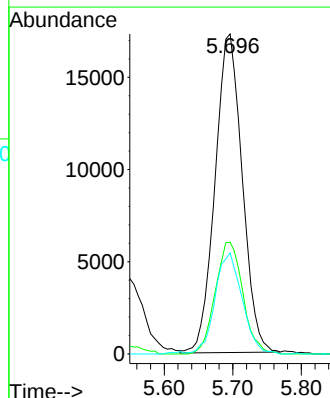
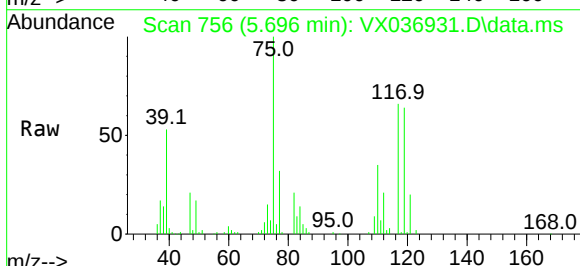
RT: 5.696 min Scan# 756

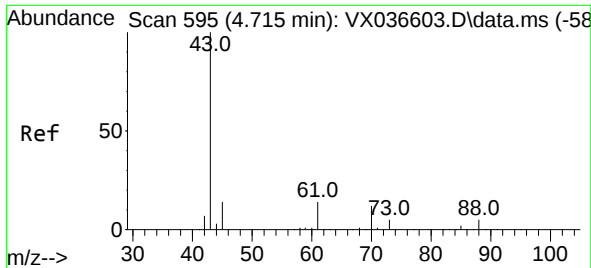
Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Tgt Ion:	75	Resp:	47591
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.0	50.9
77	31.6	24.7	37.1





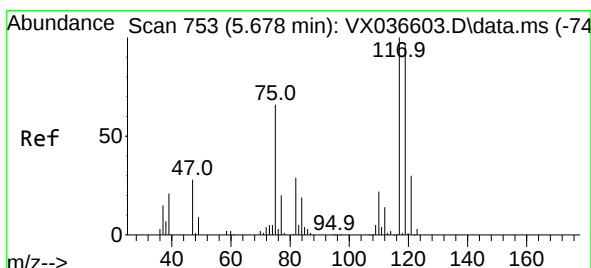
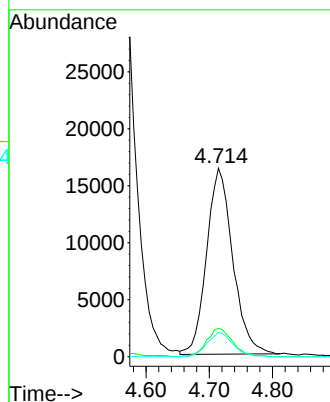
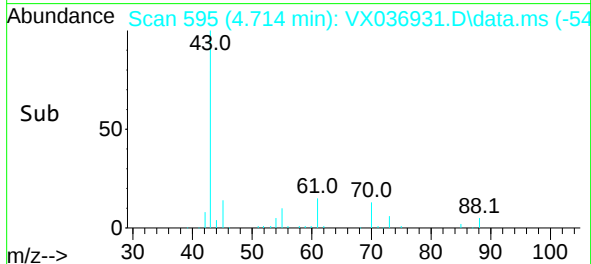
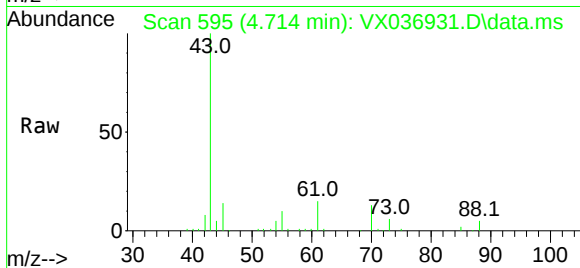
#37
Ethyl Acetate
Concen: 16.848 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion: 43 Resp: 46925
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 12.8 8.3 12.5

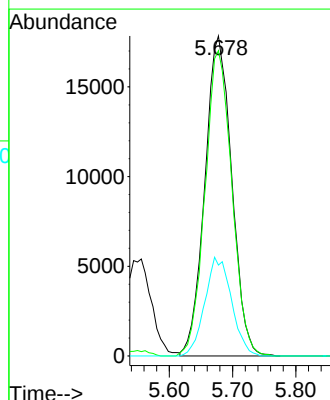
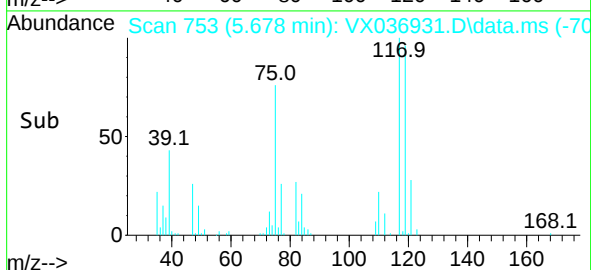
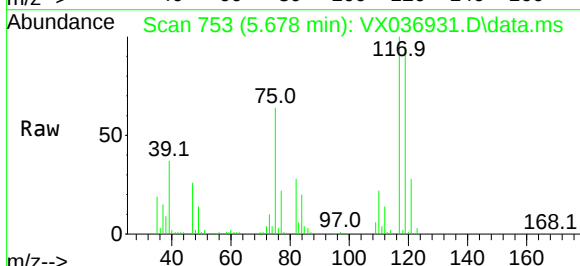
Manual Integrations
APPROVED

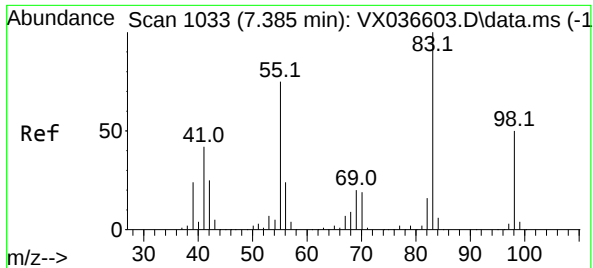
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#38
Carbon Tetrachloride
Concen: 20.149 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Tgt Ion:117 Resp: 52712
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 28.4 24.4 36.6





#39

Methylcyclohexane

Concen: 17.539 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 83 Resp: 5366

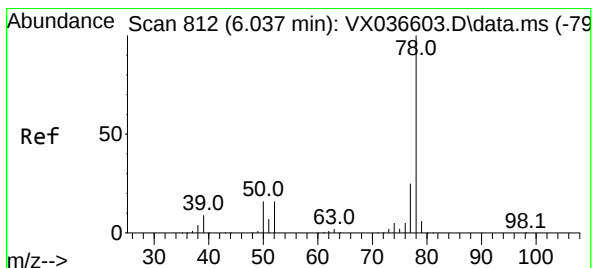
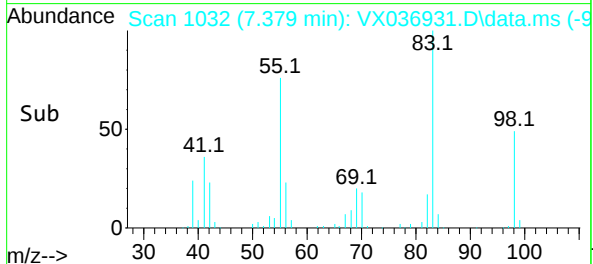
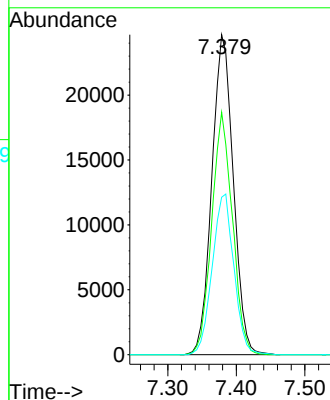
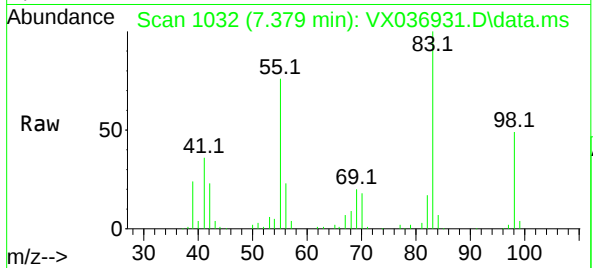
Ion	Ratio	Lower	Upper
83	100		
55	75.8	64.6	97.0
98	49.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#40

Benzene

Concen: 19.537 ug/l

RT: 6.037 min Scan# 812

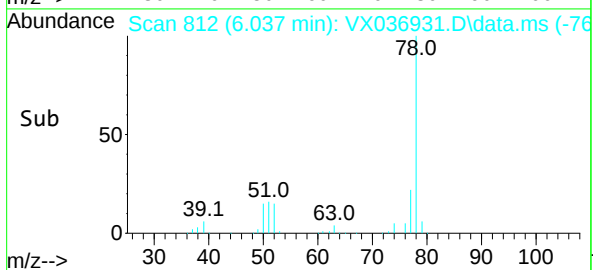
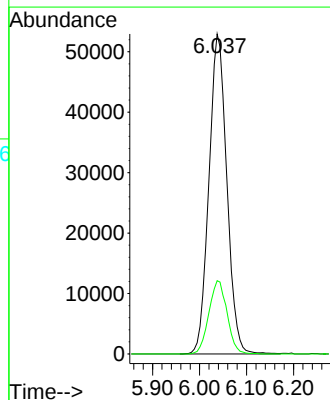
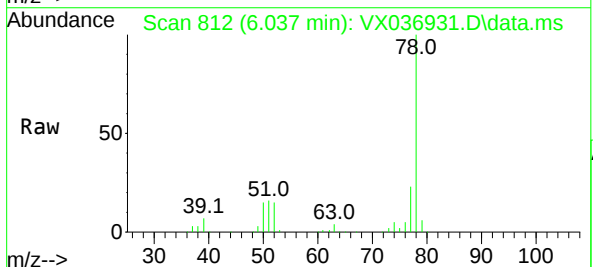
Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Tgt Ion: 78 Resp: 139871

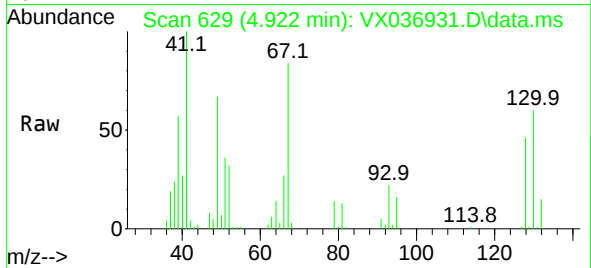
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 17.499 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

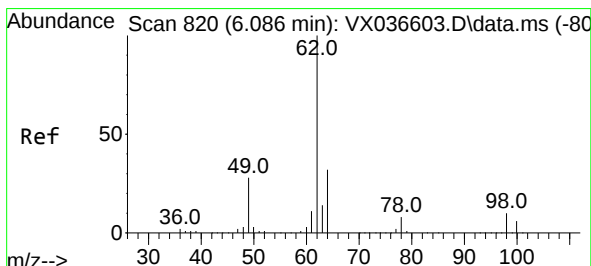
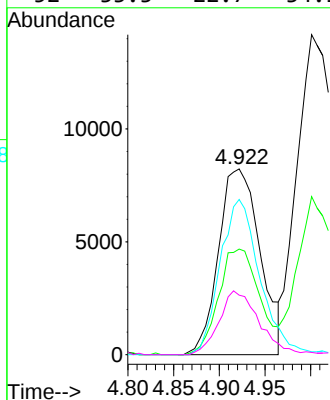
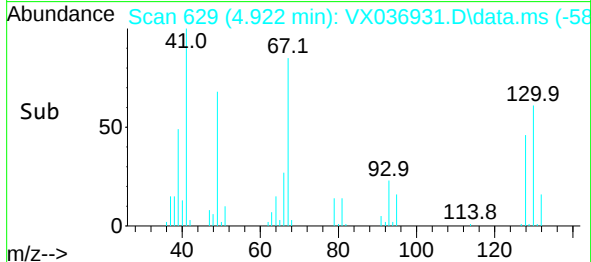
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion:	41	Resp:	2606
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.2	67.8
67	80.5	52.6	78.8
52	33.3	22.7	34.1

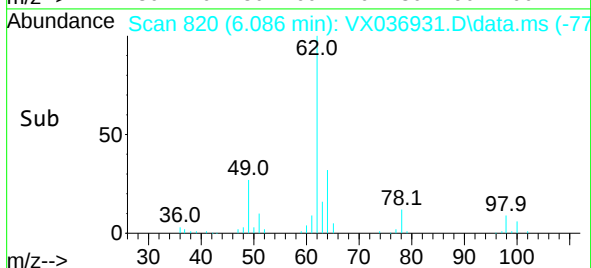
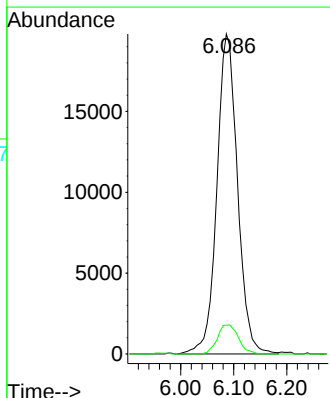
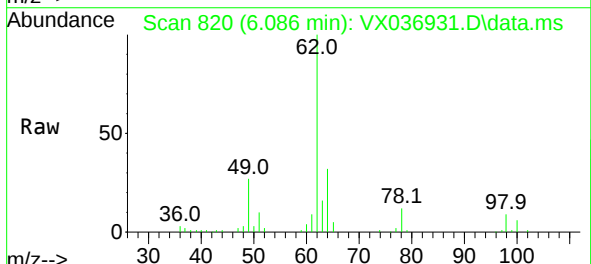
Manual Integrations
APPROVED

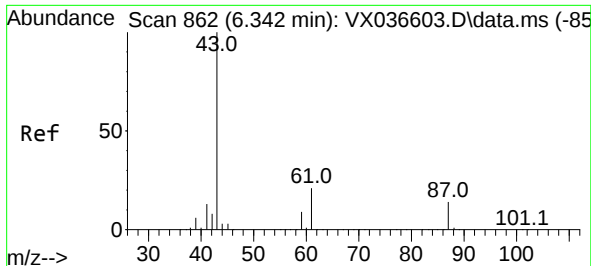
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#42
1,2-Dichloroethane
Concen: 20.439 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

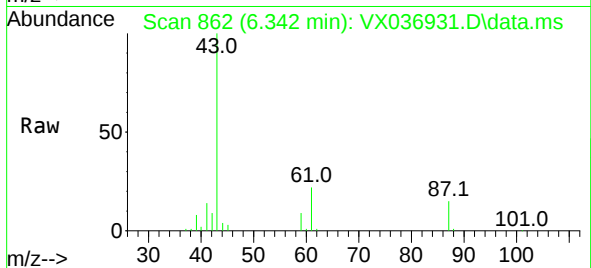
Tgt Ion:	62	Resp:	53500
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0





#43
Isopropyl Acetate
Concen: 16.831 ug/l
RT: 6.342 min Scan# 8069
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

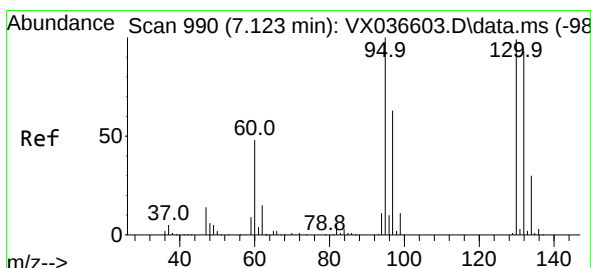
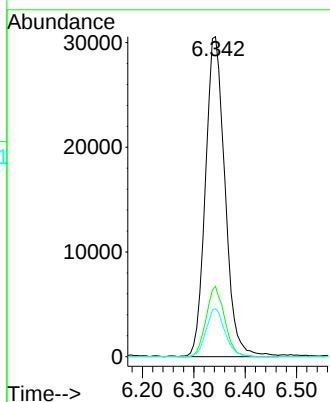
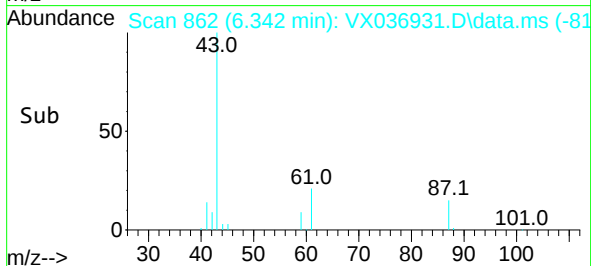
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 43 Resp: 8069
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.4 9.8 14.6

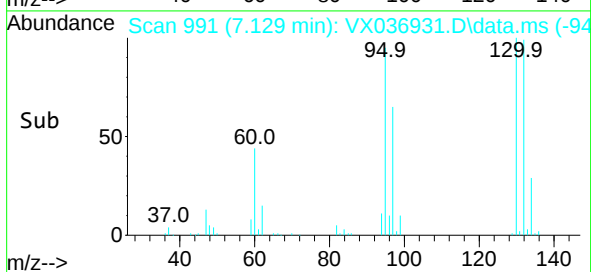
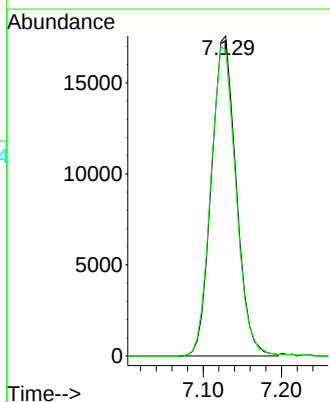
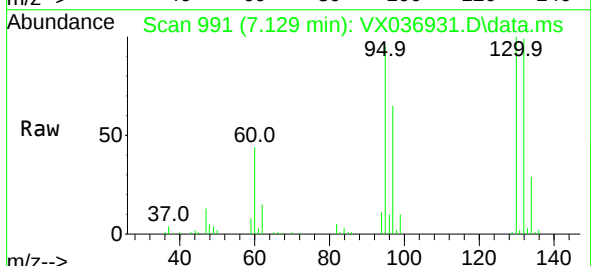
Manual Integrations
APPROVED

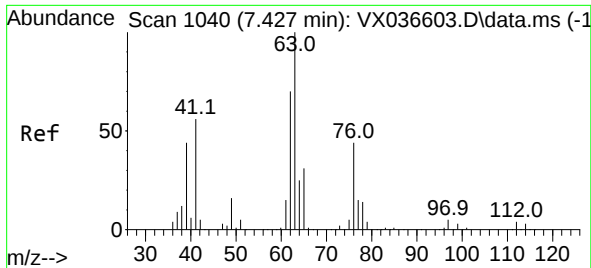
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#44
Trichloroethene
Concen: 20.596 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

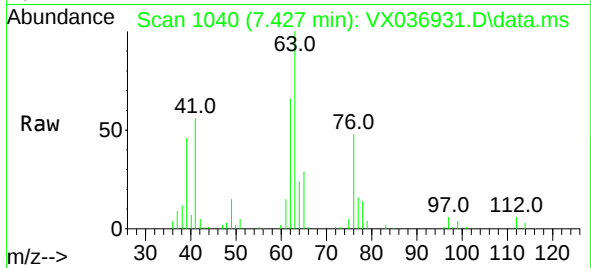
Tgt Ion:130 Resp: 38543
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.4





#45
1,2-Dichloropropane
Concen: 18.516 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

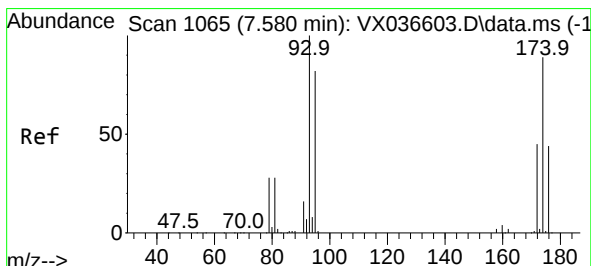
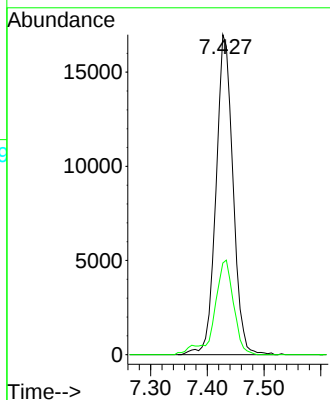
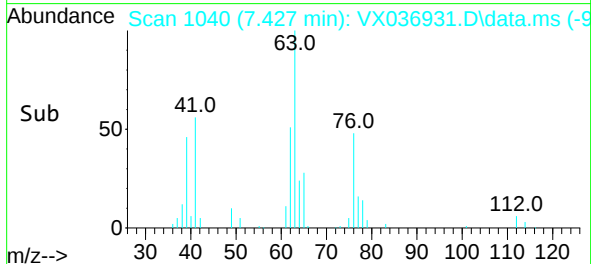
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 63 Resp: 3539
Ion Ratio Lower Upper
63 100
65 28.6 24.3 36.5

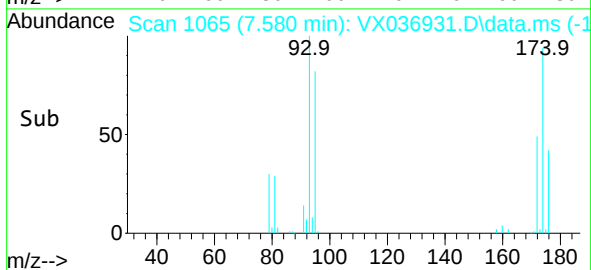
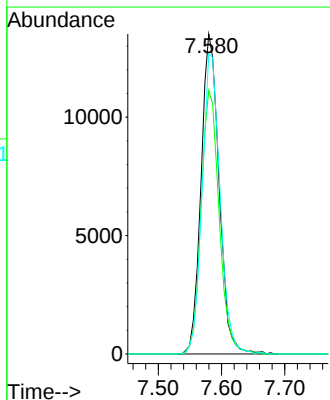
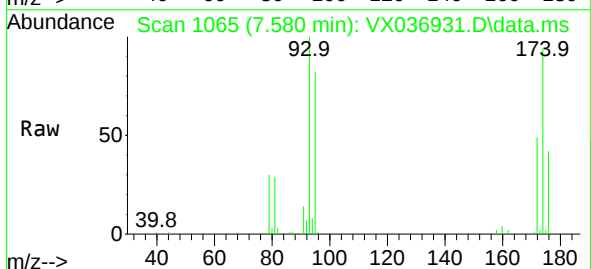
Manual Integrations
APPROVED

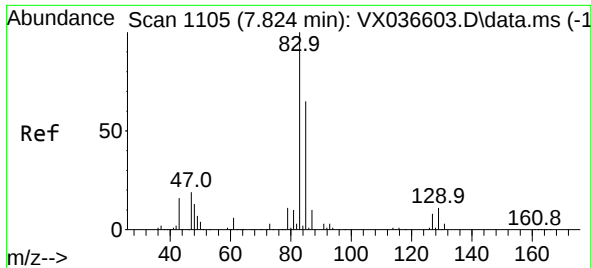
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#46
Dibromomethane
Concen: 20.047 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

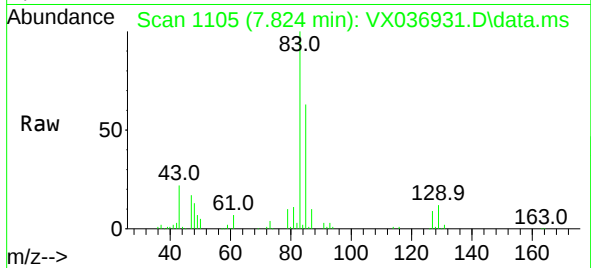
Tgt Ion: 93 Resp: 26818
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 93.4 69.4 104.0





#47
Bromodichloromethane
Concen: 19.107 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

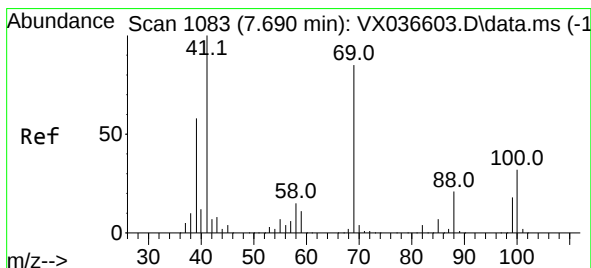
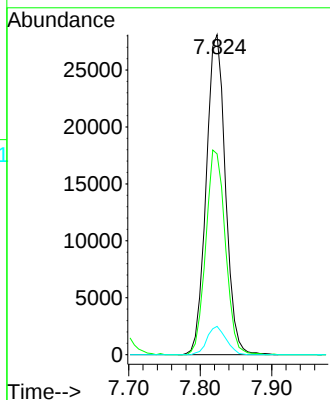
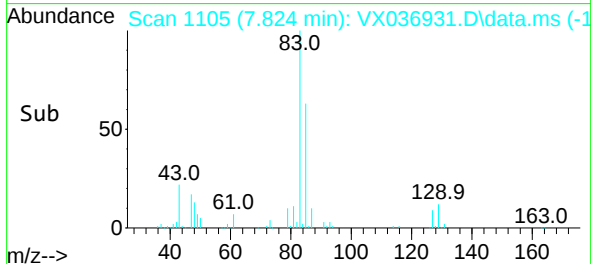
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



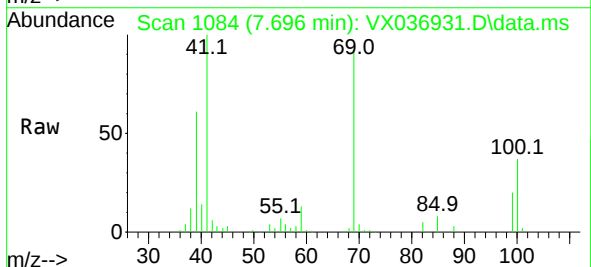
Tgt Ion: 83 Resp: 52468
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 8.8 7.1 10.7

Manual Integrations
APPROVED

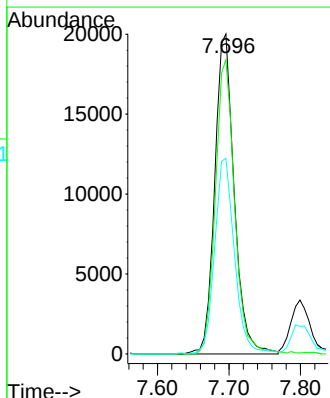
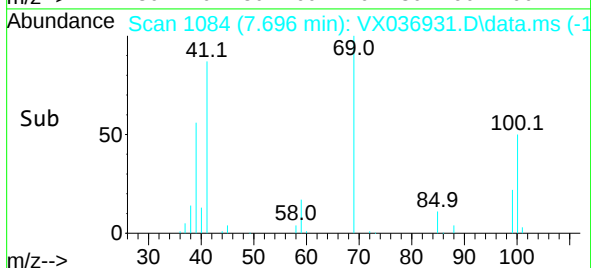
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

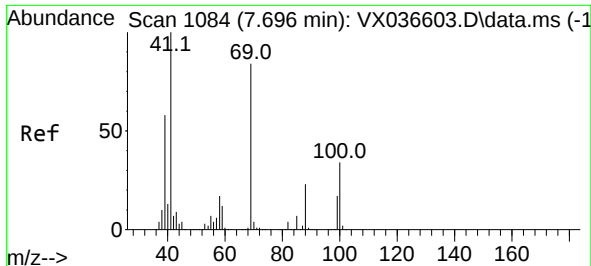


#48
Methyl methacrylate
Concen: 16.953 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 41 Resp: 37799
Ion Ratio Lower Upper
41 100
69 91.0 59.2 88.8#
39 62.4 47.7 71.5





#49

1,4-Dioxane

Concen: 381.379 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 88 Resp: 17178

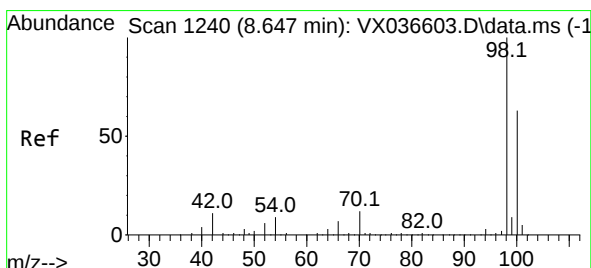
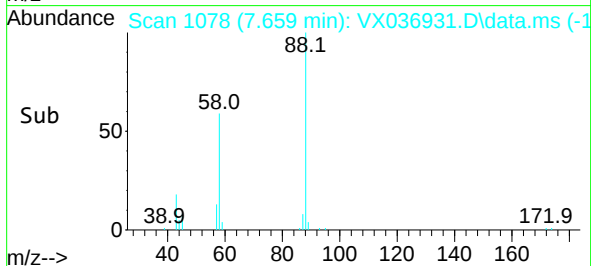
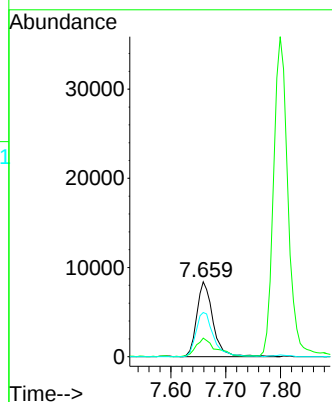
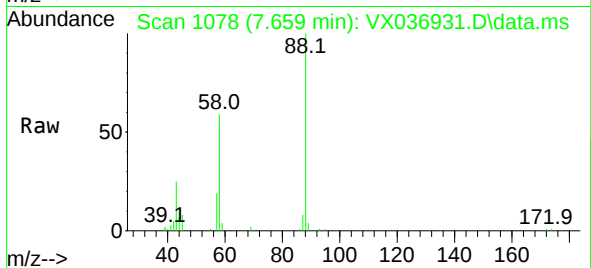
Ion	Ratio	Lower	Upper
88	100		
43	30.9	0.0	0.0
58	64.1	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#50

Toluene-d8

Concen: 44.505 ug/l

RT: 8.647 min Scan# 1240

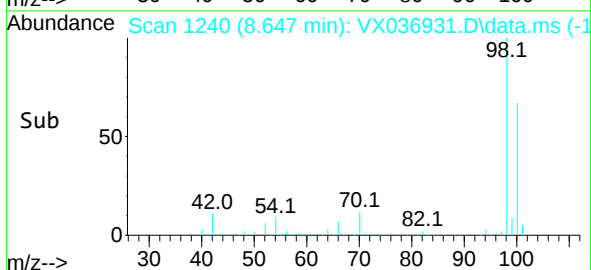
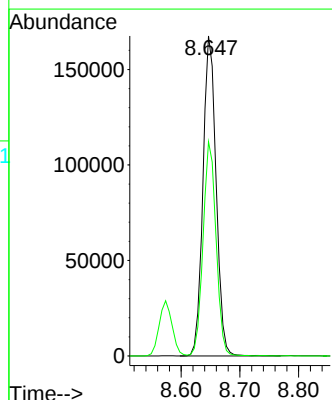
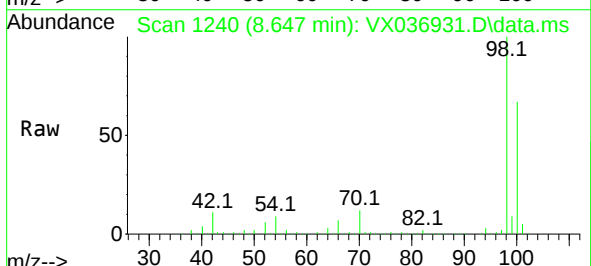
Delta R.T. -0.000 min

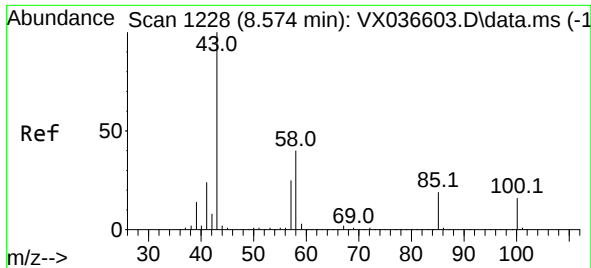
Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Tgt Ion: 98 Resp: 260558

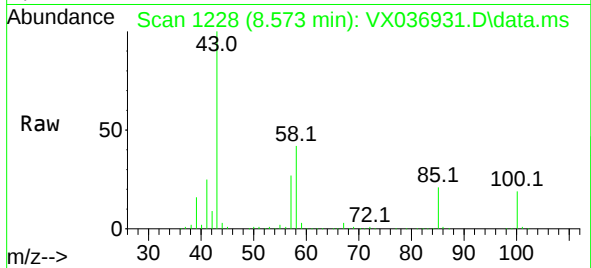
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 90.355 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

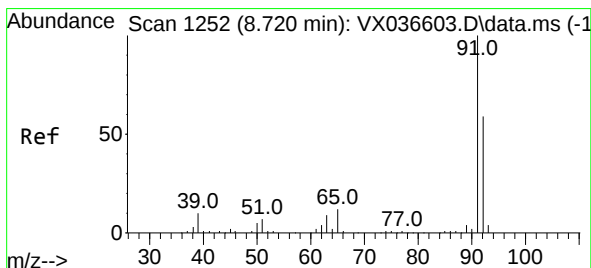
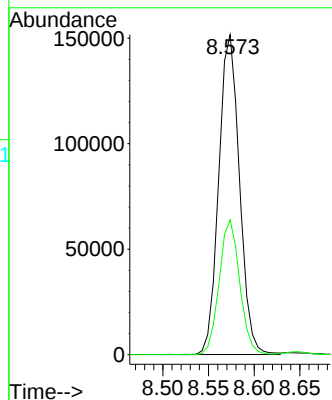
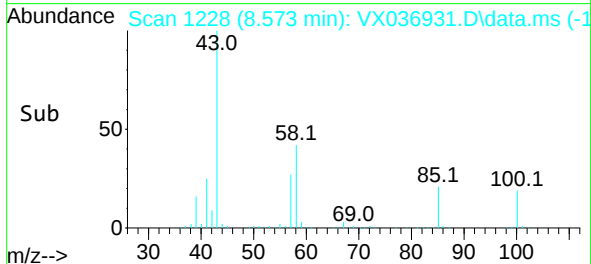
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



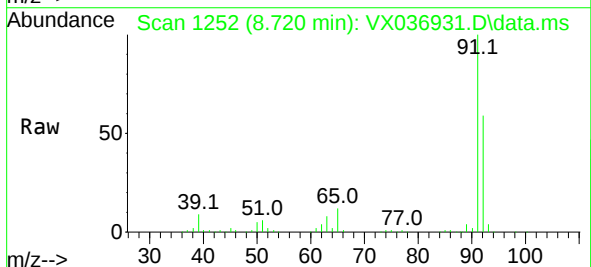
Tgt Ion: 43 Resp: 23972
Ion Ratio Lower Upper
43 100
58 41.6 30.4 45.6

Manual Integrations
APPROVED

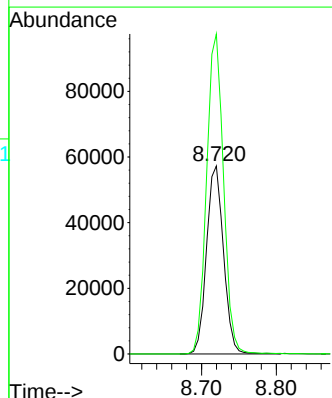
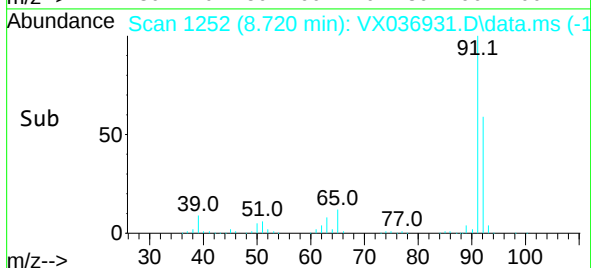
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#52
Toluene
Concen: 20.154 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 92 Resp: 90411
Ion Ratio Lower Upper
92 100
91 169.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.237 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 75 Resp: 5660

Ion Ratio Lower Upper

75 100

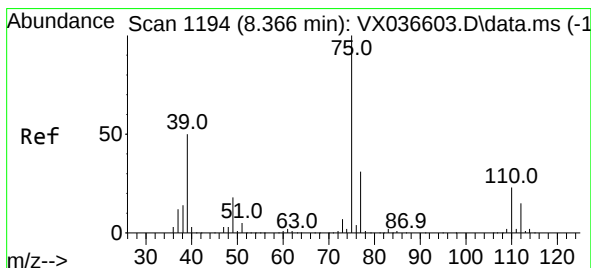
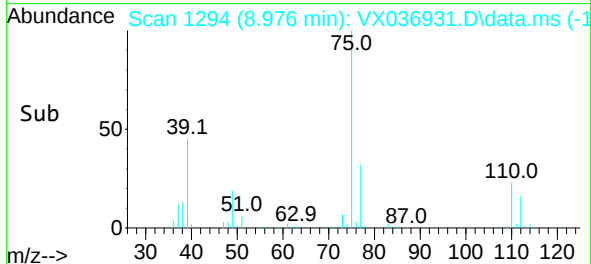
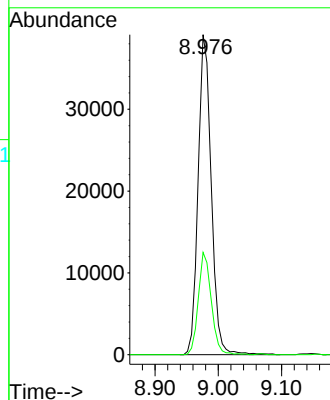
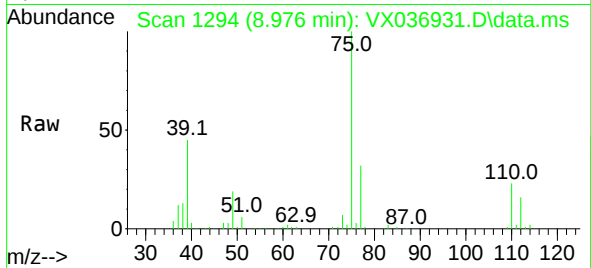
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#54

cis-1,3-Dichloropropene

Concen: 18.376 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

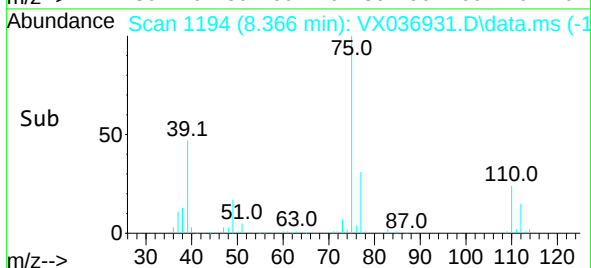
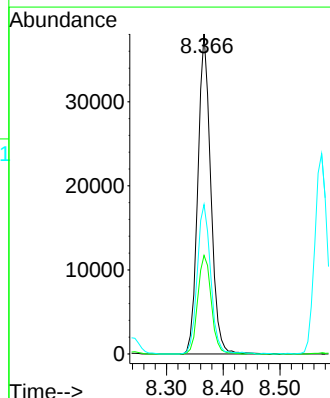
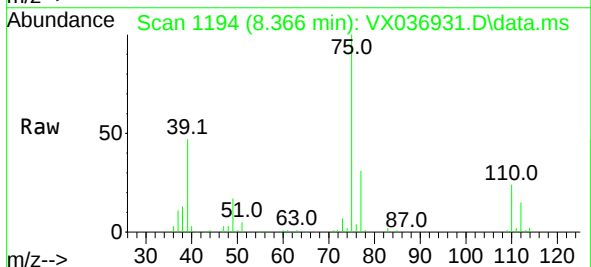
Tgt Ion: 75 Resp: 60181

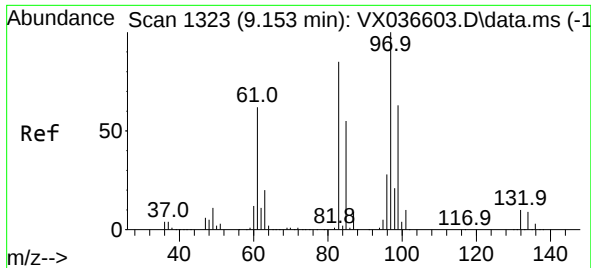
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

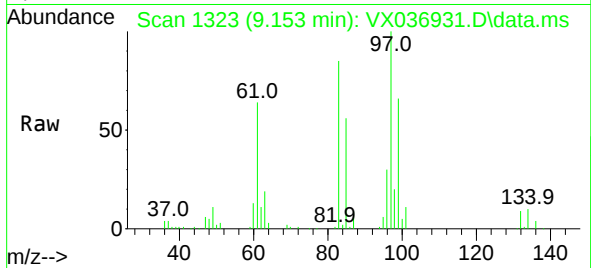
39 46.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.144 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

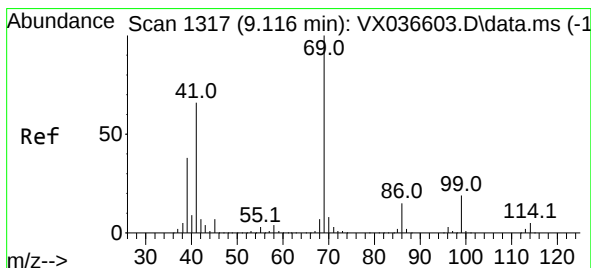
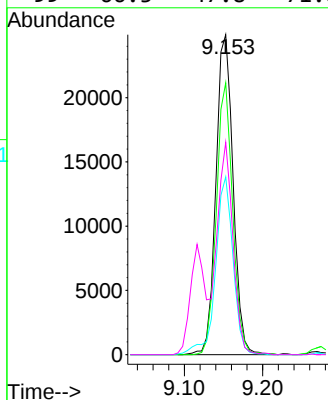
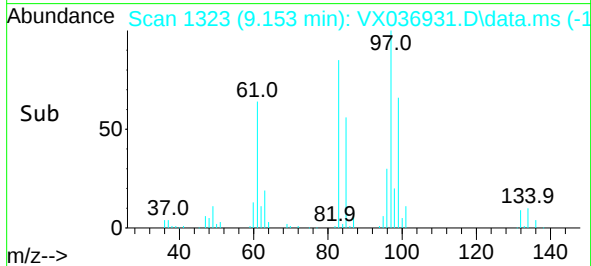
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



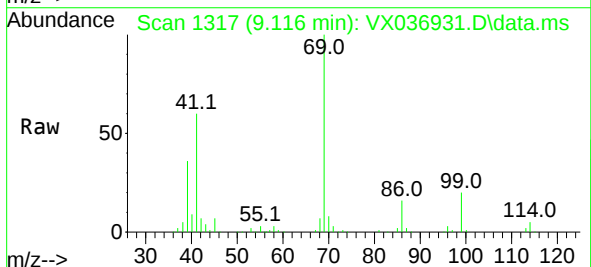
Tgt Ion: 97 Resp: 3798
Ion Ratio Lower Upper
97 100
83 84.9 65.8 98.8
85 55.5 41.6 62.4
99 66.3 47.8 71.8

Manual Integrations
APPROVED

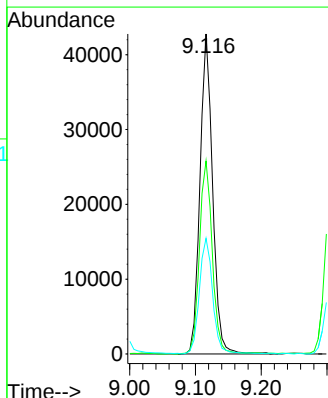
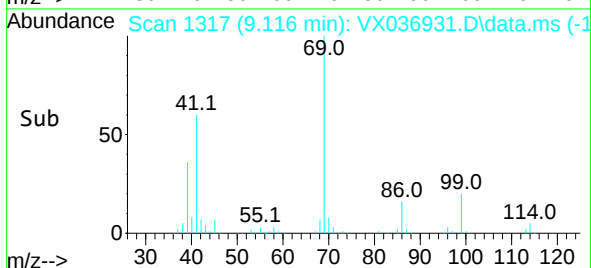
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

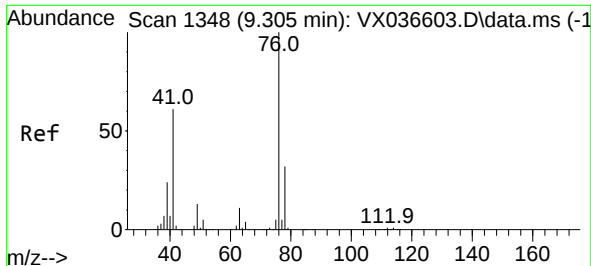


#56
Ethyl methacrylate
Concen: 18.588 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 69 Resp: 57076
Ion Ratio Lower Upper
69 100
41 61.4 56.8 85.2
39 38.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.971 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 76 Resp: 6272

Ion Ratio Lower Upper

76 100

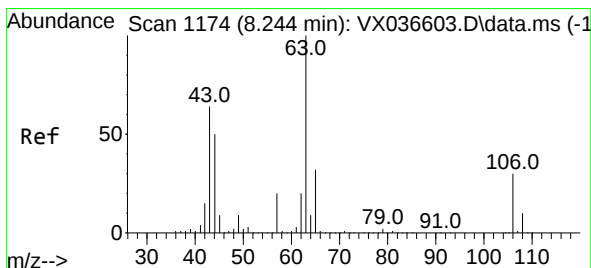
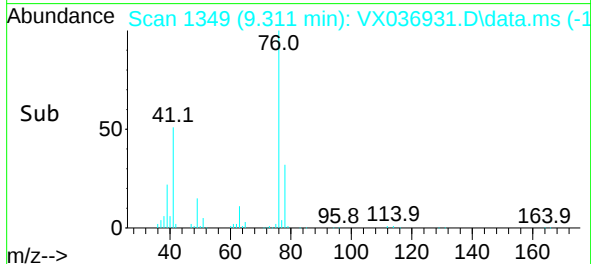
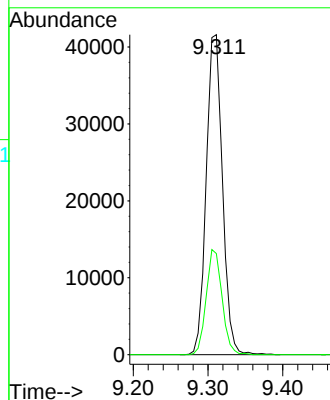
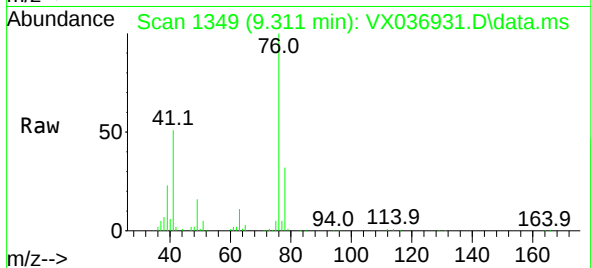
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.014 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036931.D

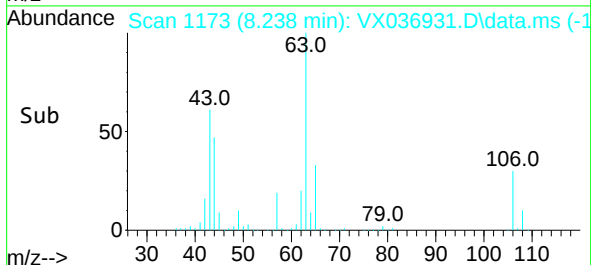
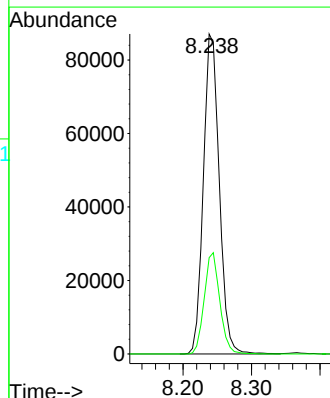
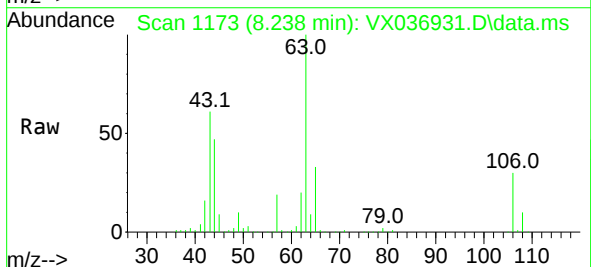
Acq: 11 Aug 2023 11:13

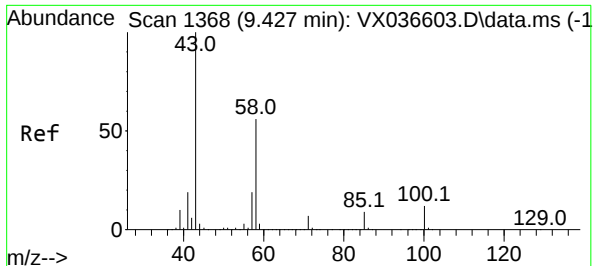
Tgt Ion: 63 Resp: 140728

Ion Ratio Lower Upper

63 100

106 31.0 22.5 33.7





#59

2-Hexanone

Concen: 92.236 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion: 43 Resp: 181618

Ion Ratio Lower Upper

43 100

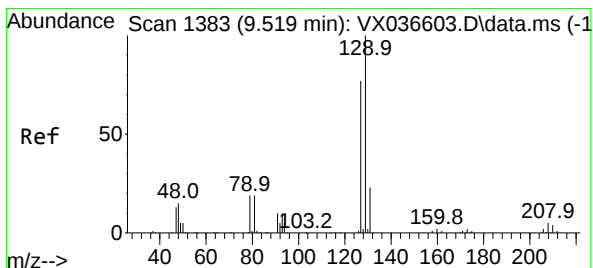
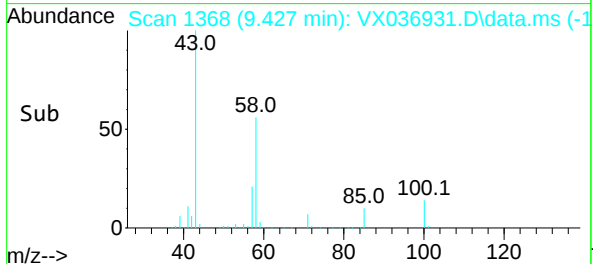
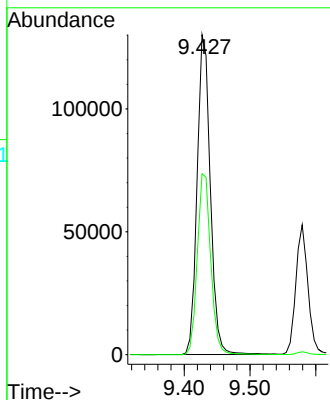
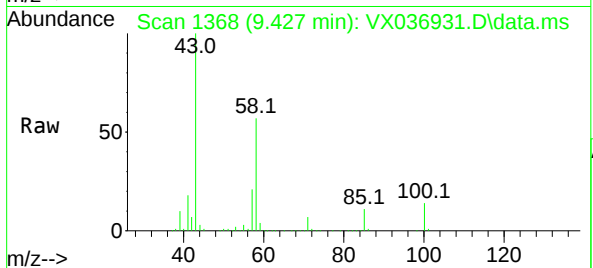
58 57.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#60

Dibromochloromethane

Concen: 18.945 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036931.D

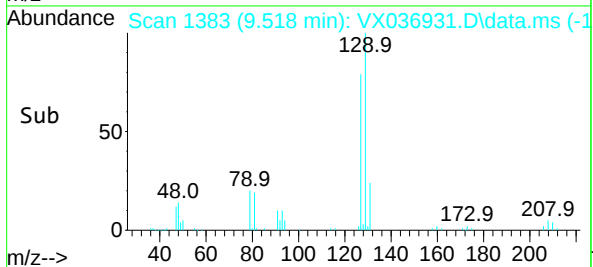
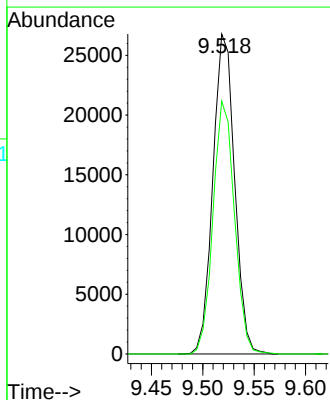
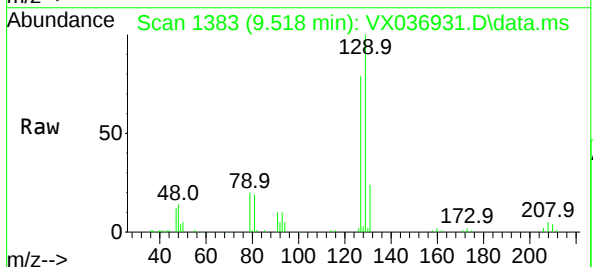
Acq: 11 Aug 2023 11:13

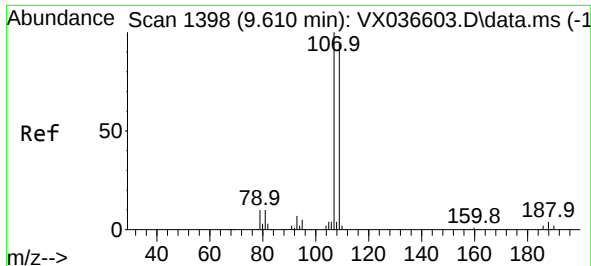
Tgt Ion:129 Resp: 39265

Ion Ratio Lower Upper

129 100

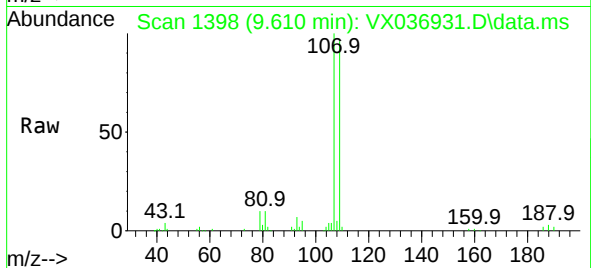
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.002 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

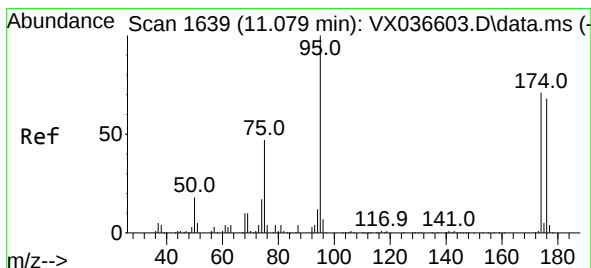
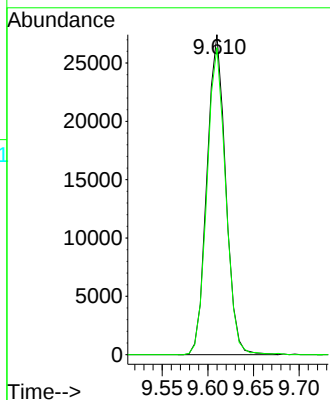
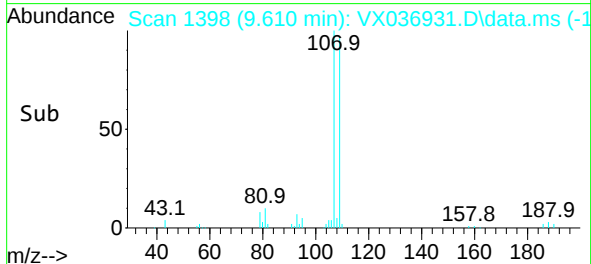
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



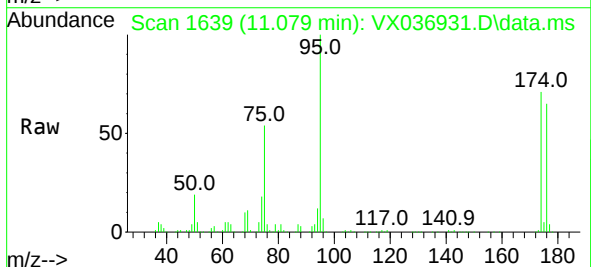
Tgt Ion:107 Resp: 3909
Ion Ratio Lower Upper
107 100
109 96.1 75.2 112.8

Manual Integrations
APPROVED

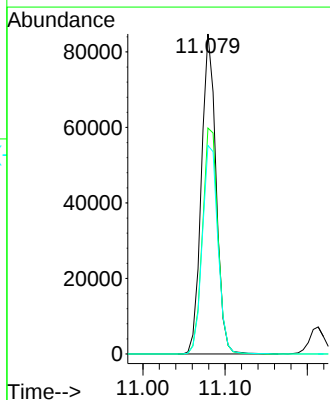
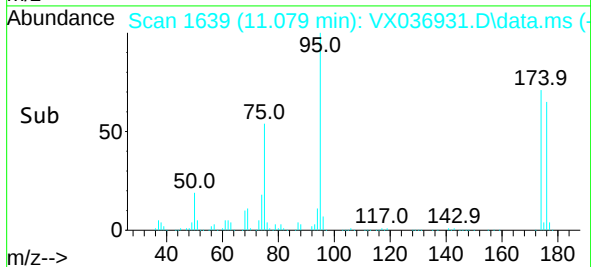
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

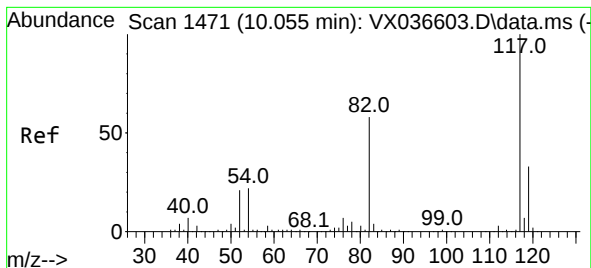


#62
4-Bromofluorobenzene
Concen: 47.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



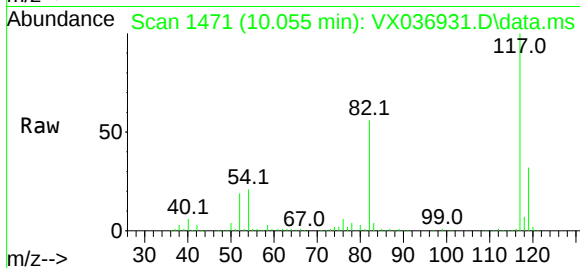
Tgt Ion: 95 Resp: 105149
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 69.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

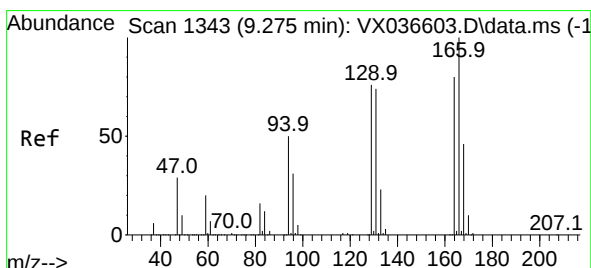
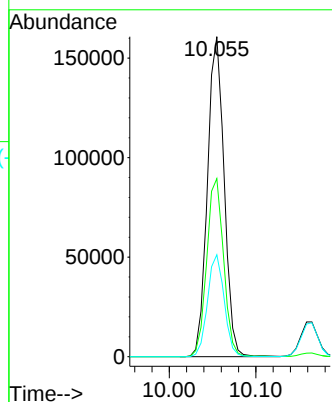
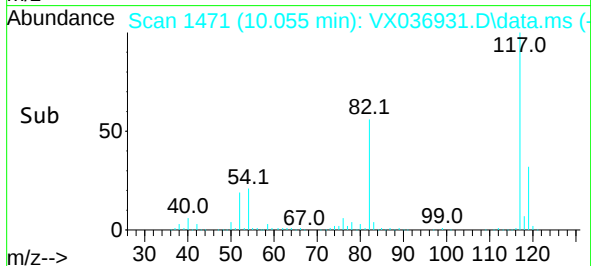
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



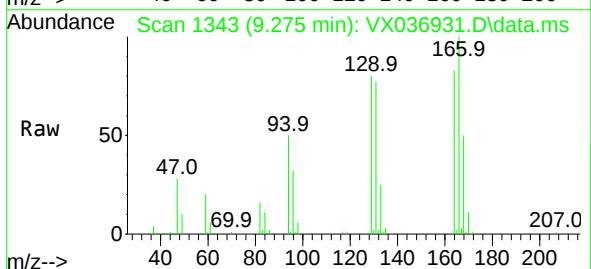
Tgt Ion:117 Resp: 215368
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.8 25.5 38.3

Manual Integrations
APPROVED

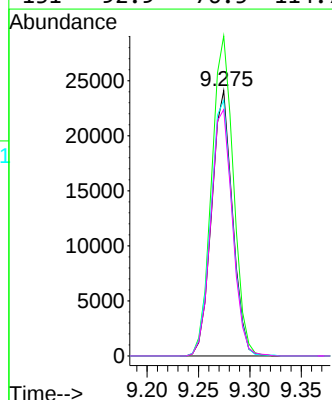
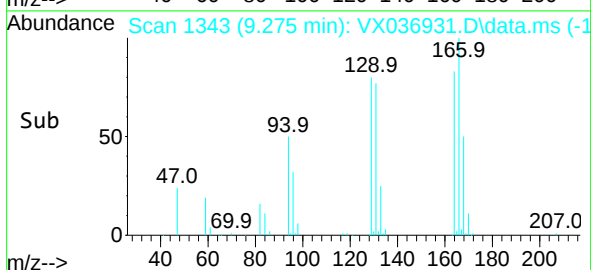
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

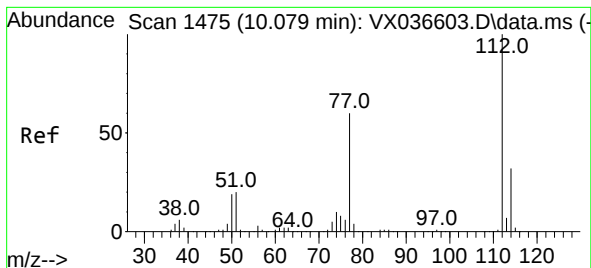


#64
Tetrachloroethene
Concen: 21.115 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion:164 Resp: 33919
Ion Ratio Lower Upper
164 100
166 120.7 102.7 154.1
129 96.3 80.4 120.6
131 92.9 76.5 114.7





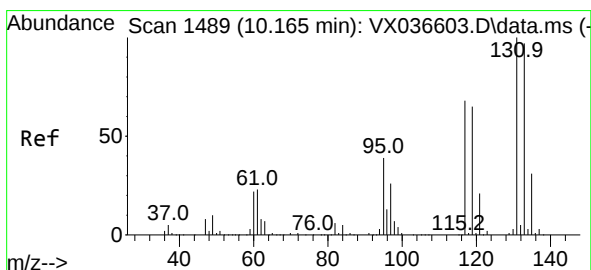
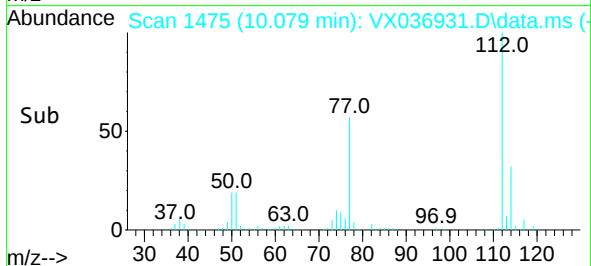
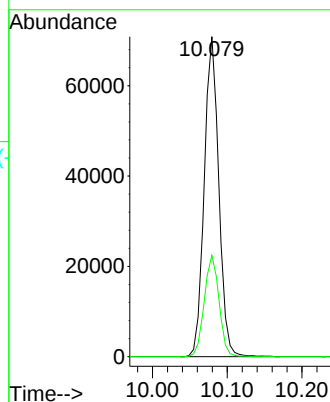
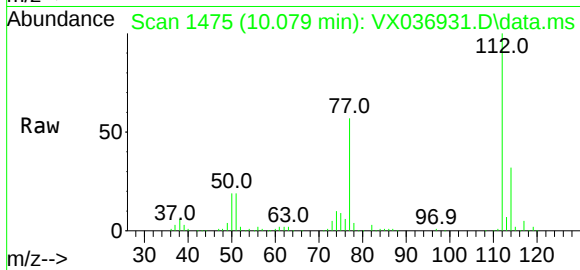
#65
Chlorobenzene
Concen: 20.143 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion:112 Resp: 95625
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

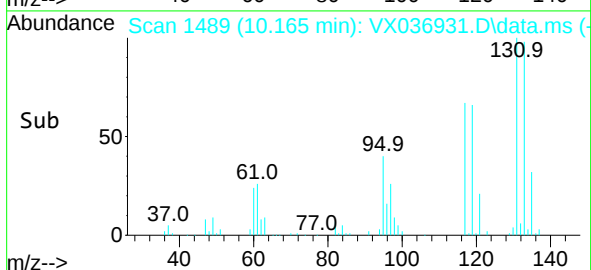
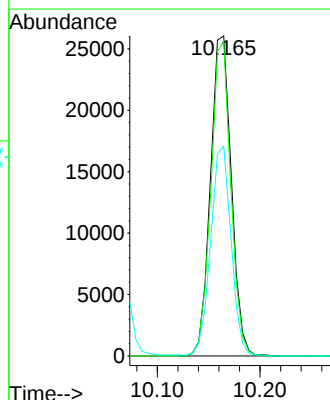
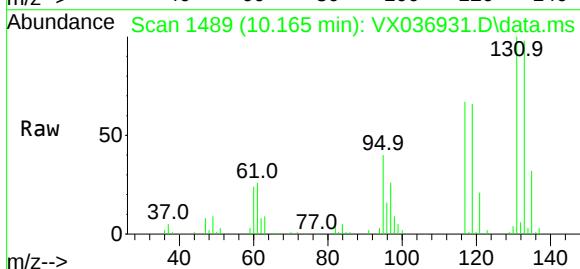
Manual Integrations
APPROVED

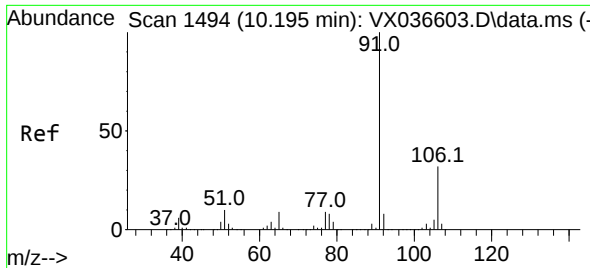
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.075 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

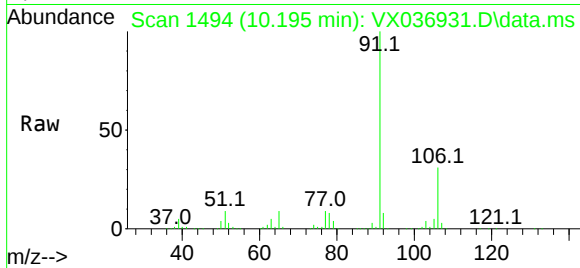
Tgt Ion:131 Resp: 36836
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 64.4 32.2 96.6





#67
Ethyl Benzene
Concen: 19.765 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

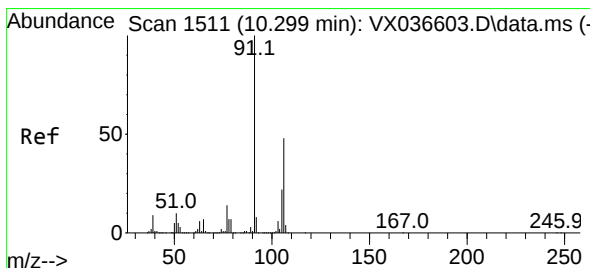
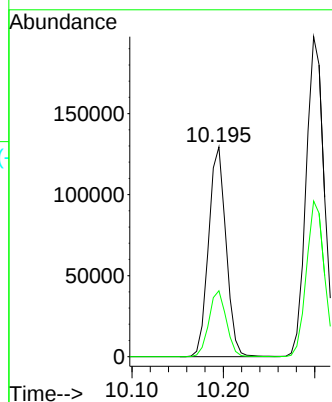
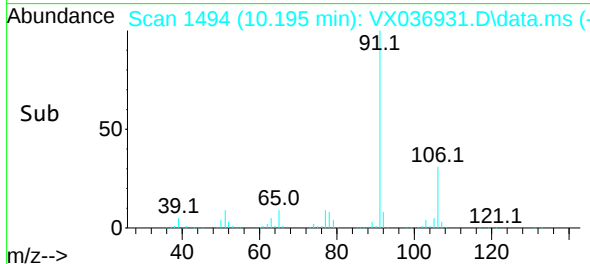
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



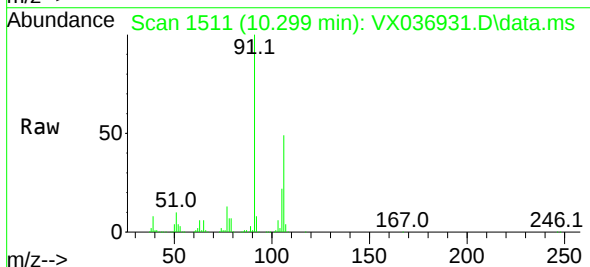
Tgt Ion: 91 Resp: 17141
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

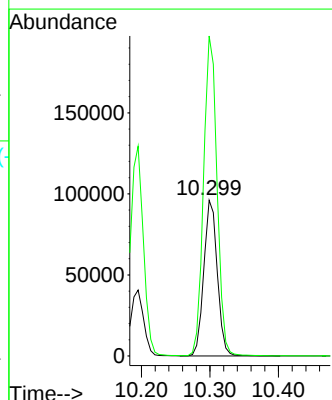
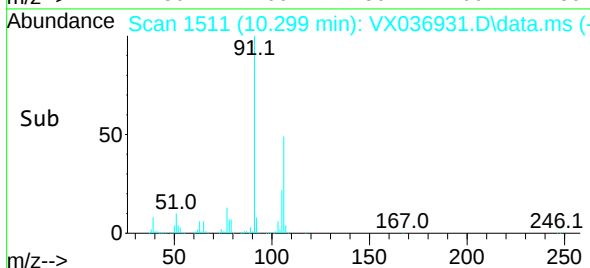
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

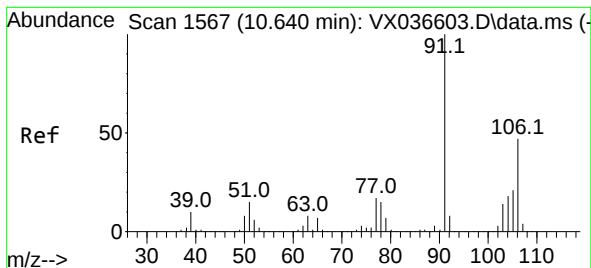


#68
m/p-Xylenes
Concen: 40.798 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion:106 Resp: 132013
Ion Ratio Lower Upper
106 100
91 204.6 165.5 248.3





#69

o-Xylene

Concen: 19.953 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion:106 Resp: 6444

Ion Ratio Lower Upper

106 100

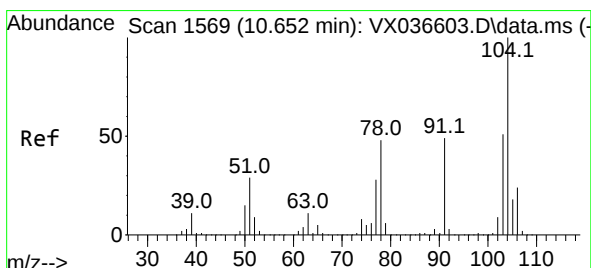
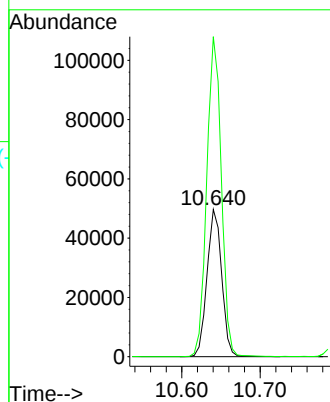
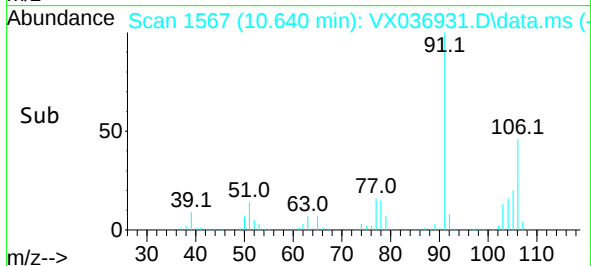
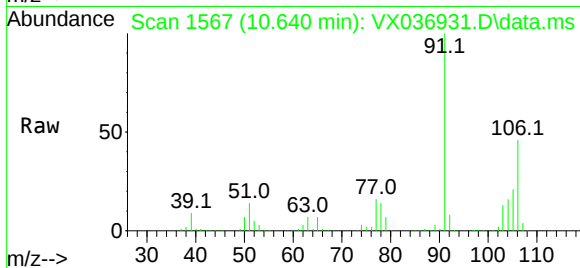
91 216.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#70

Styrene

Concen: 19.770 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

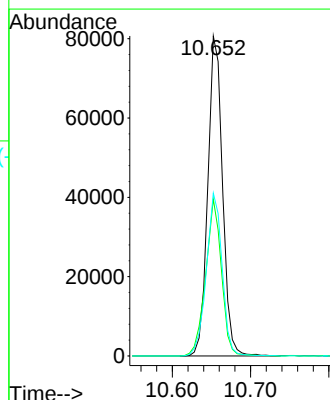
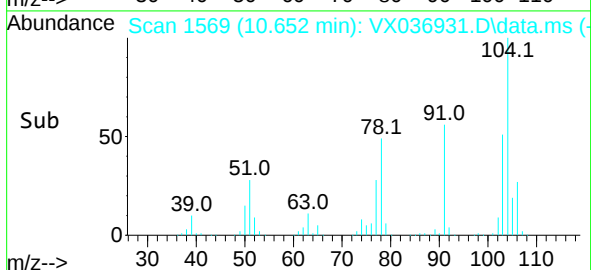
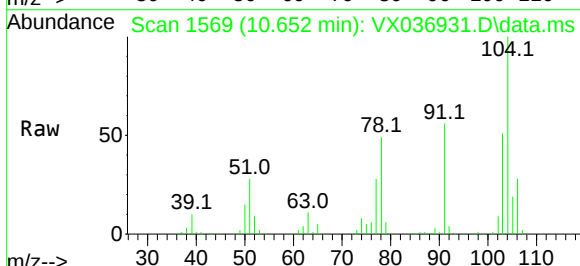
Tgt Ion:104 Resp: 105350

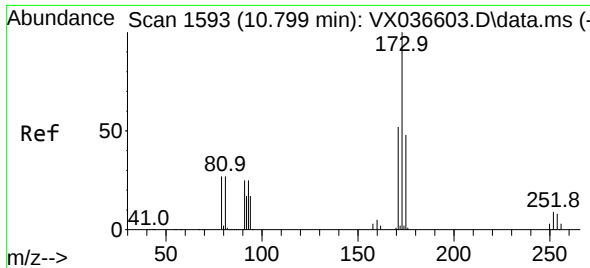
Ion Ratio Lower Upper

104 100

78 52.5 43.6 65.4

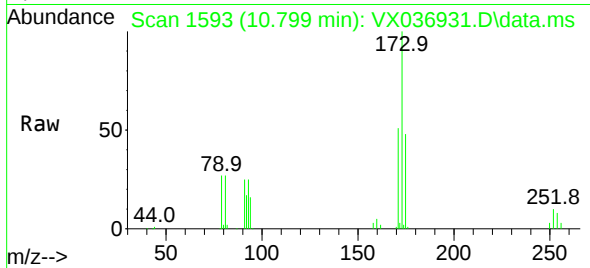
103 54.6 43.6 65.4





#71
Bromoform
Concen: 18.296 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

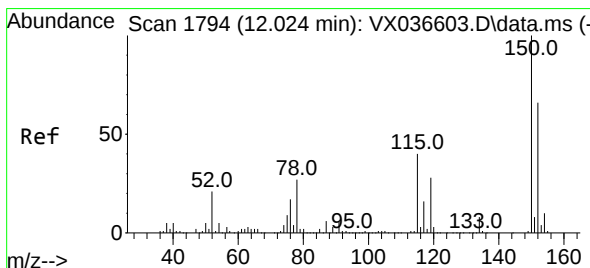
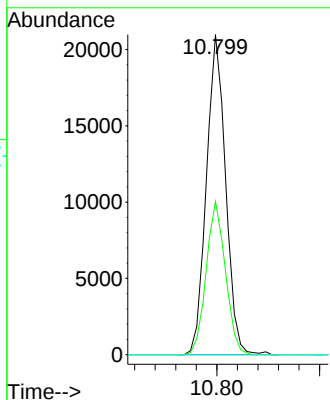
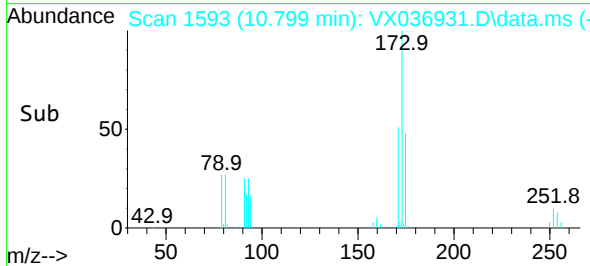
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



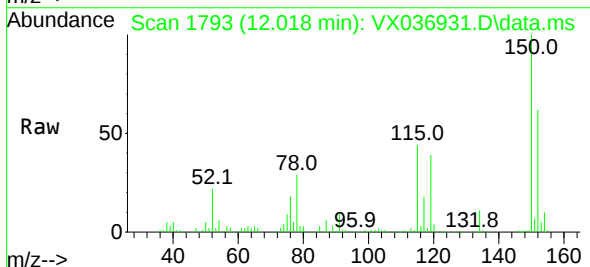
Tgt Ion:173 Resp: 27170
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

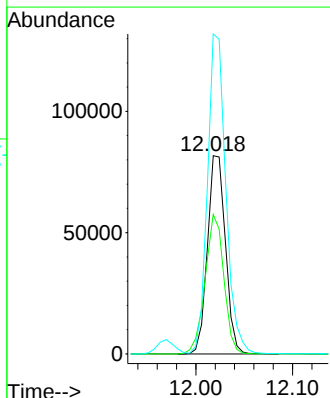
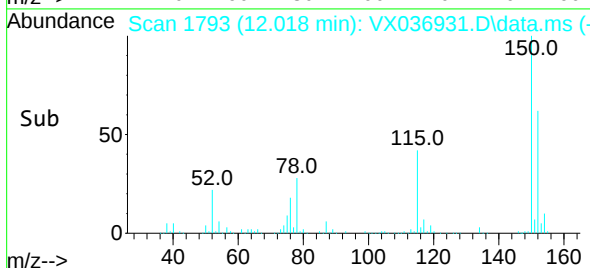
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

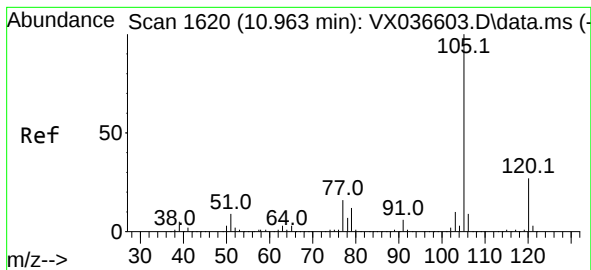


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion:152 Resp: 105664
Ion Ratio Lower Upper
152 100
115 73.0 43.3 129.9
150 164.5 0.0 345.0





#73

Isopropylbenzene

Concen: 19.369 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

Tgt Ion:105 Resp: 16937

Ion Ratio Lower Upper

105 100

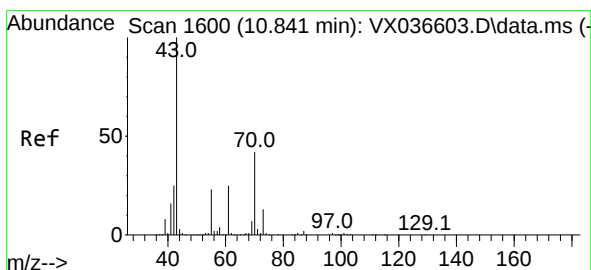
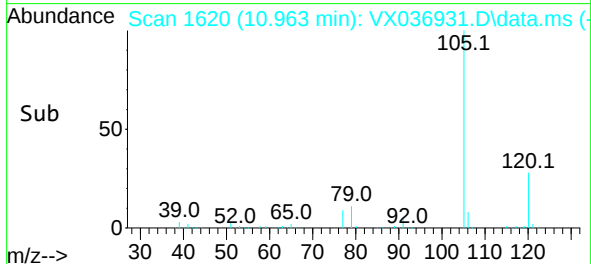
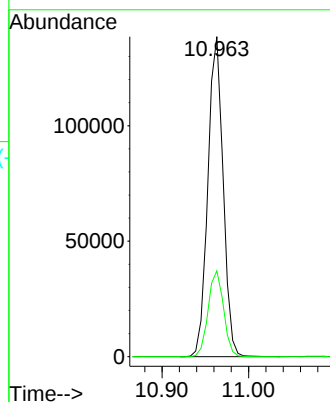
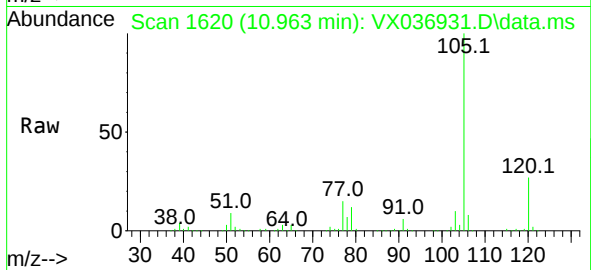
120 27.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#74

N-ethyl acetate

Concen: 16.038 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Tgt Ion: 43 Resp: 65401

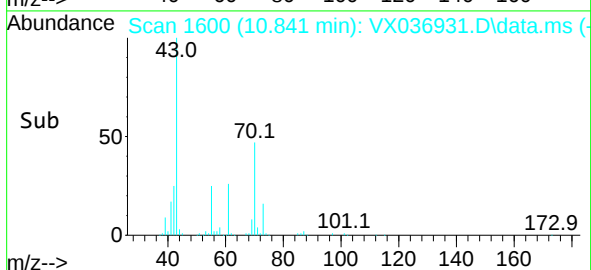
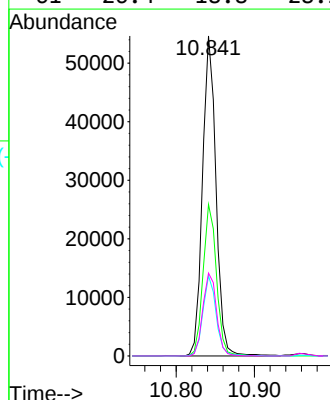
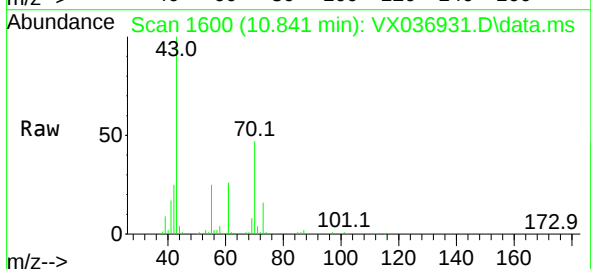
Ion Ratio Lower Upper

43 100

70 47.1 32.9 49.3

55 24.7 19.3 28.9

61 26.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.273 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

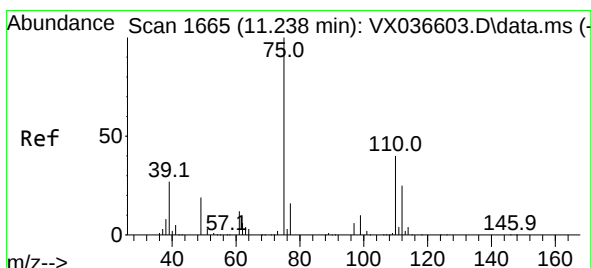
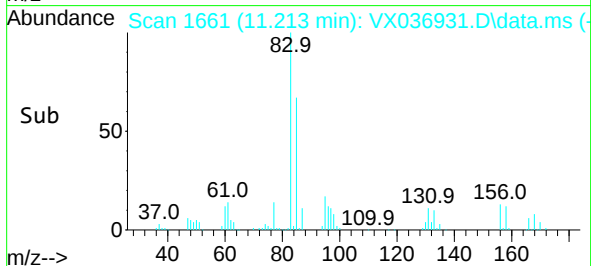
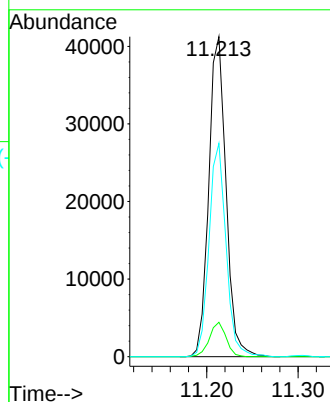
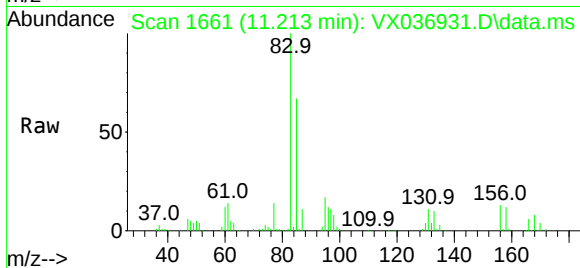
Tgt Ion:	83	Resp:	53969
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	65.8	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#76

1,2,3-Trichloropropane

Concen: 18.805 ug/l m

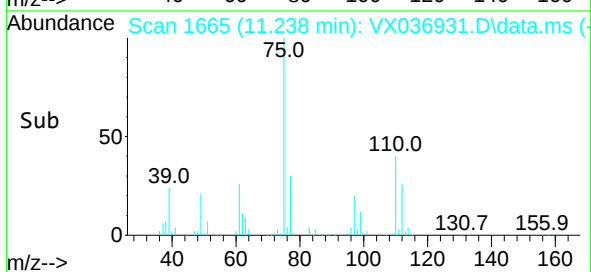
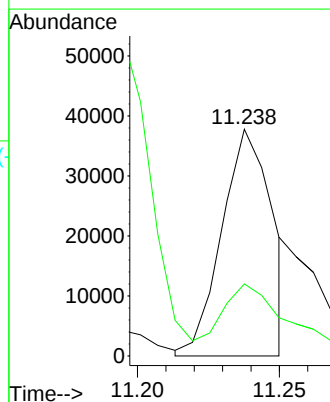
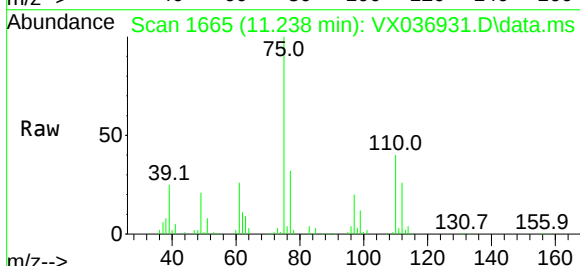
RT: 11.238 min Scan# 1665

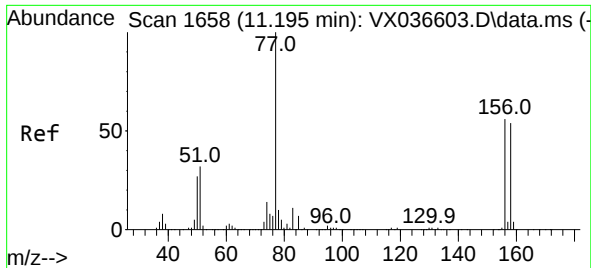
Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

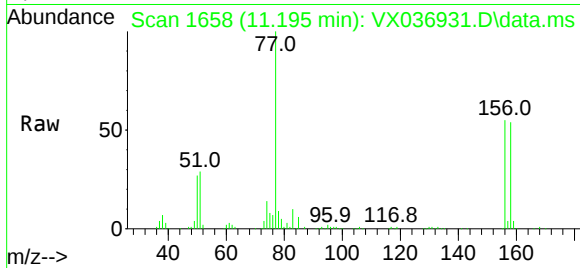
Tgt Ion:	75	Resp:	46737
Ion Ratio	Lower	Upper	
75	100		
77	42.6	19.1	57.5





#77
Bromobenzene
Concen: 19.966 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

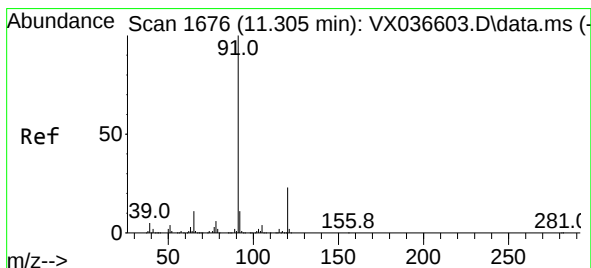
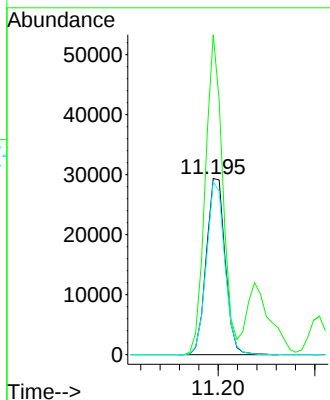
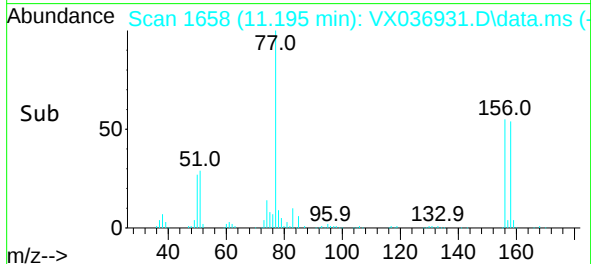
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



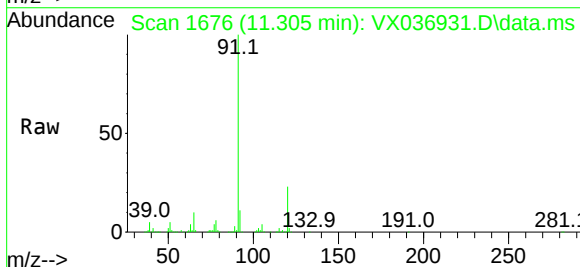
Tgt Ion:156 Resp: 3976
Ion Ratio Lower Upper
156 100
77 167.3 88.4 265.3
158 95.6 48.0 144.0

Manual Integrations
APPROVED

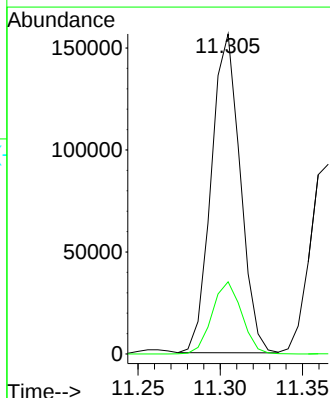
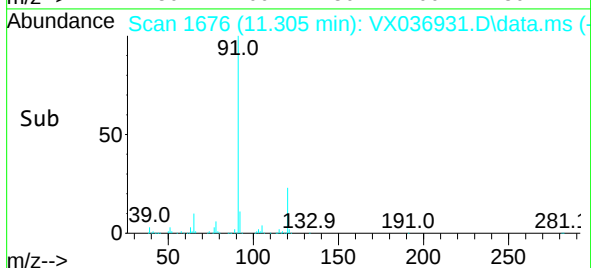
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#78
n-propylbenzene
Concen: 18.971 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 91 Resp: 191860
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





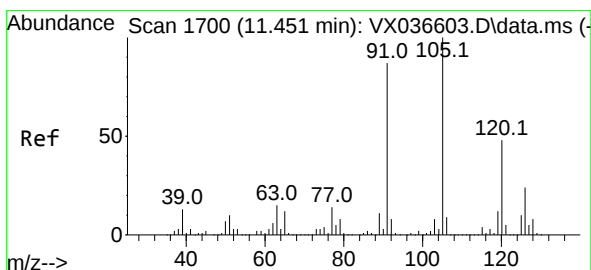
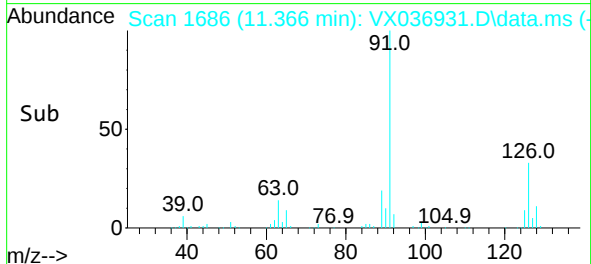
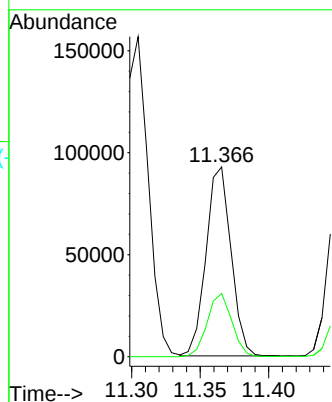
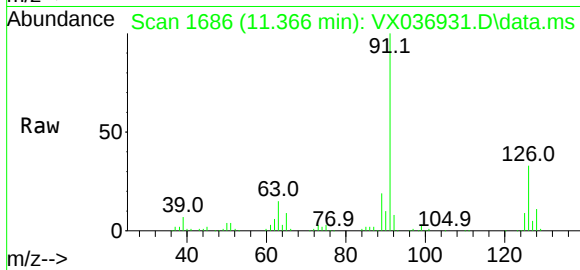
#79
2-Chlorotoluene
Concen: 19.171 ug/l
RT: 11.366 min Scan# 117484
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Tgt Ion: 91 Resp: 117484
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

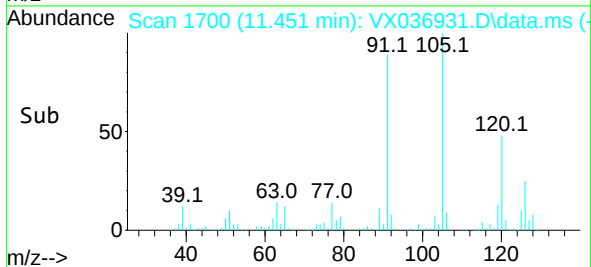
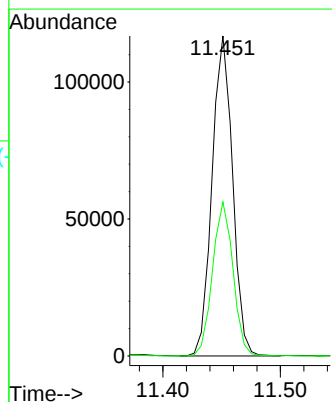
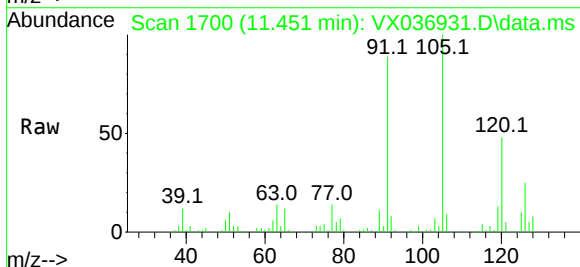
Manual Integrations
APPROVED

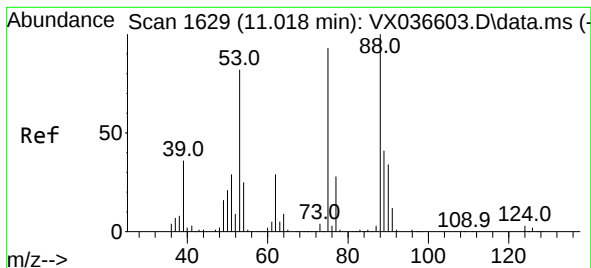
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.329 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

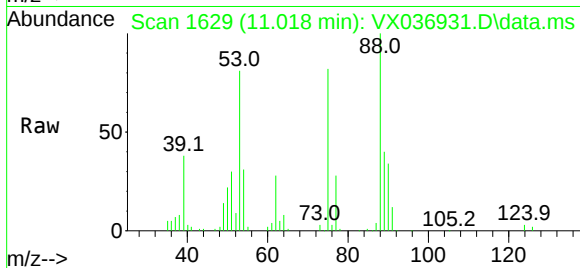
Tgt Ion:105 Resp: 141402
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 14.814 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

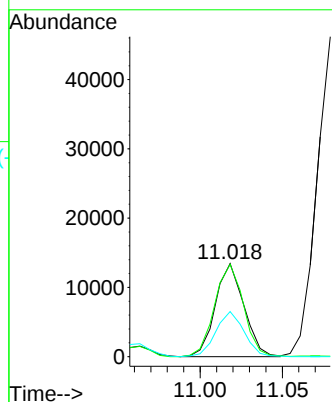
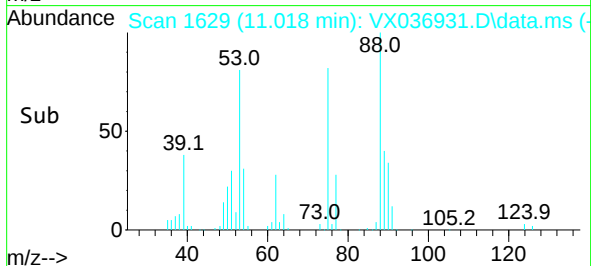
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



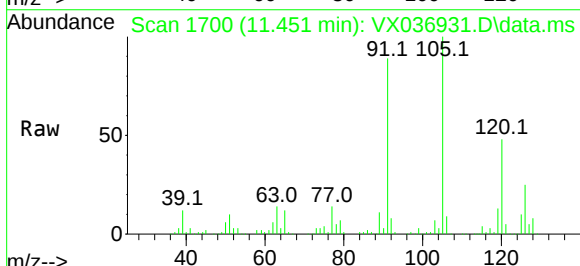
Tgt Ion: 75 Resp: 1624
Ion Ratio Lower Upper
75 100
53 100.4 90.5 135.7
89 48.1 36.9 55.3

Manual Integrations
APPROVED

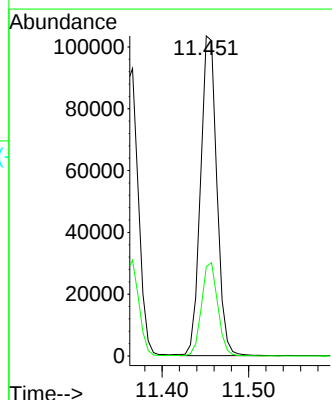
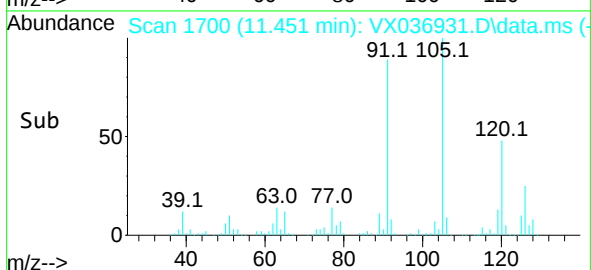
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#82
4-Chlorotoluene
Concen: 19.368 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 91 Resp: 135237
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.663 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

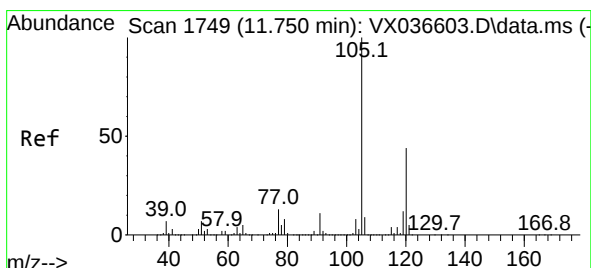
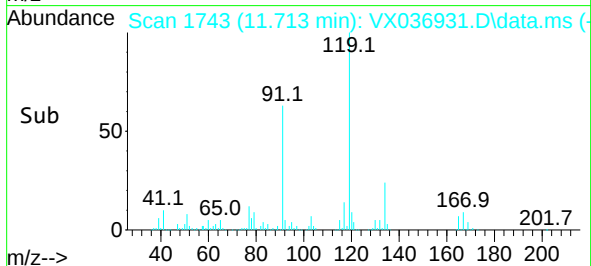
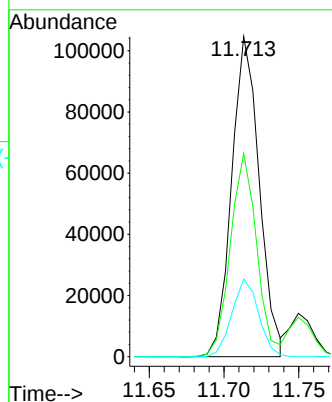
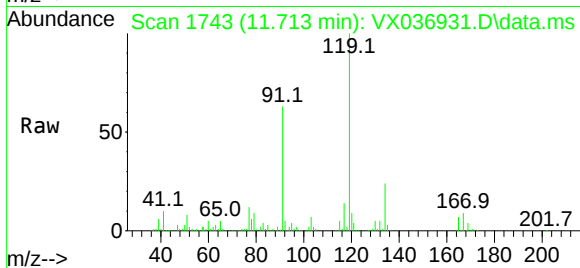
Tgt Ion:	119	Resp:	134124
Ion Ratio	Lower	Upper	
119	100		
91	60.9	31.2	93.6
134	23.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.192 ug/l

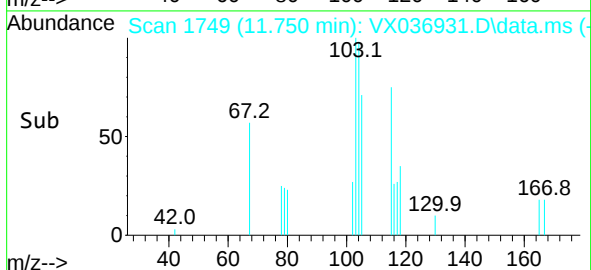
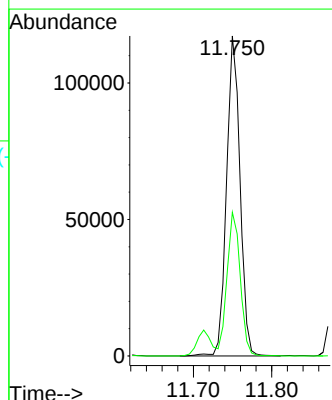
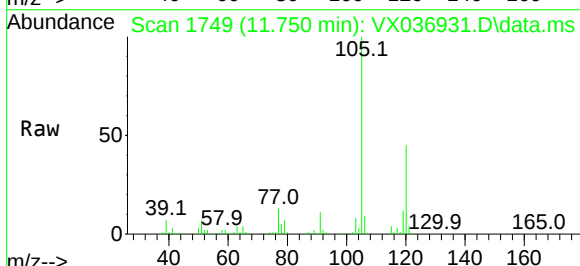
RT: 11.750 min Scan# 1749

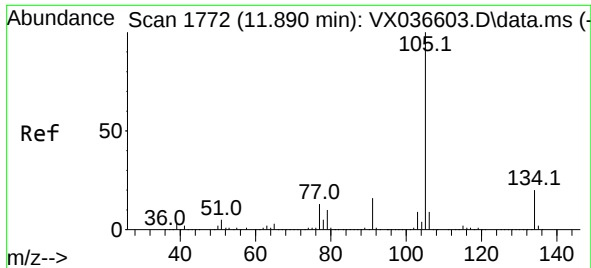
Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

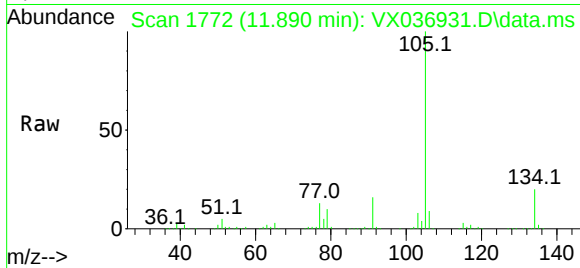
Tgt Ion:	105	Resp:	140408
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 18.137 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036931.D
 Acq: 11 Aug 2023 11:13

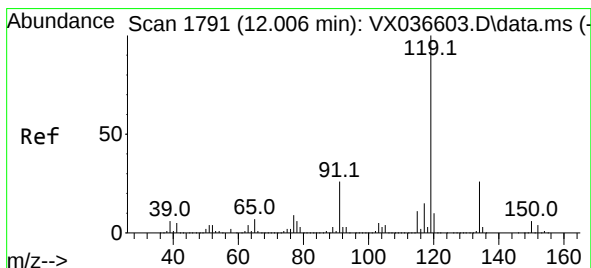
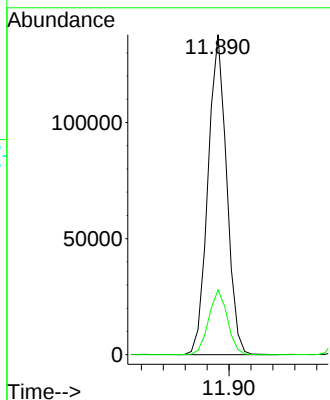
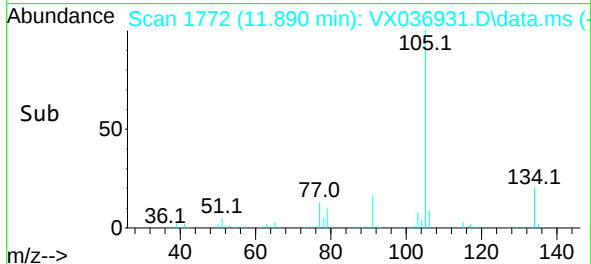
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01



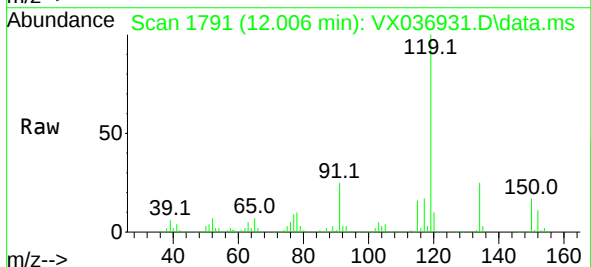
Tgt Ion:105 Resp: 162552
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

Manual Integrations
 APPROVED

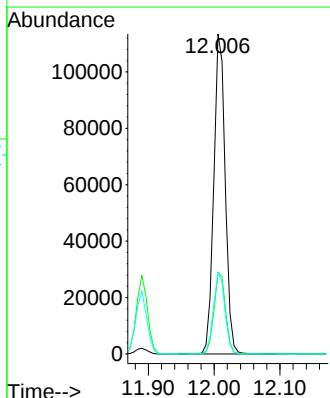
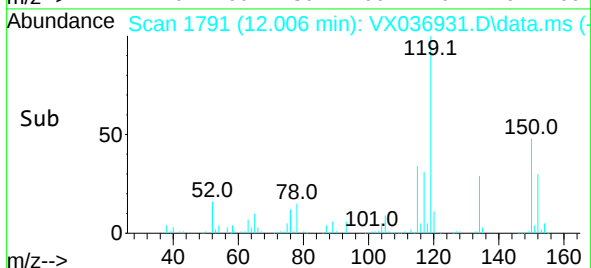
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#86
 p-Isopropyltoluene
 Concen: 18.584 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036931.D
 Acq: 11 Aug 2023 11:13



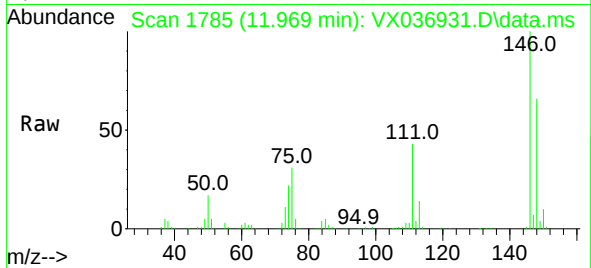
Tgt Ion:119 Resp: 137052
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.7 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 19.851 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

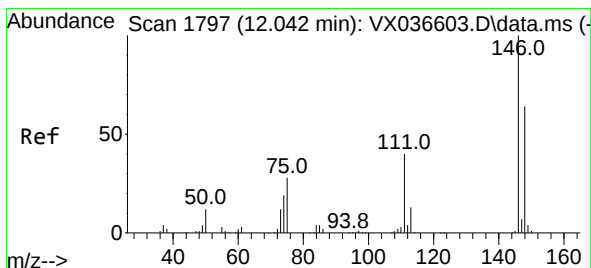
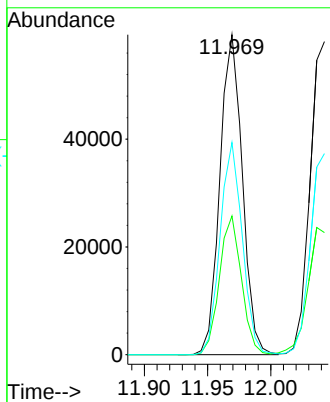
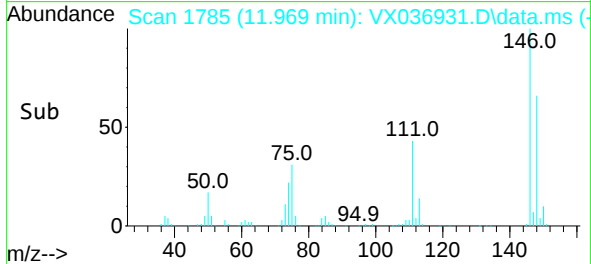
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



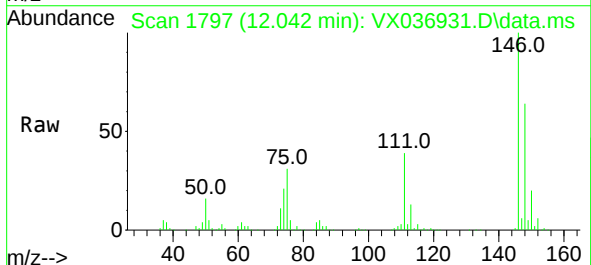
Tgt Ion:146 Resp: 73220
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.1
148 65.7 31.8 95.3

Manual Integrations
APPROVED

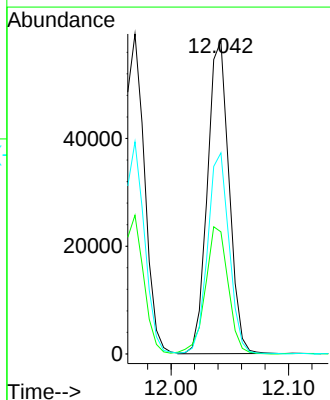
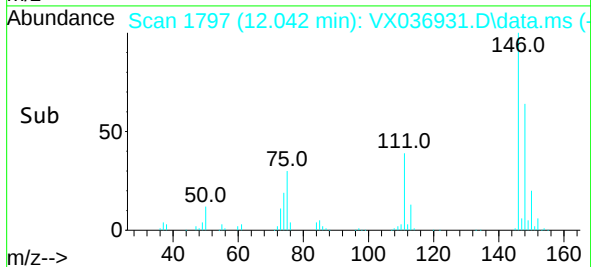
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

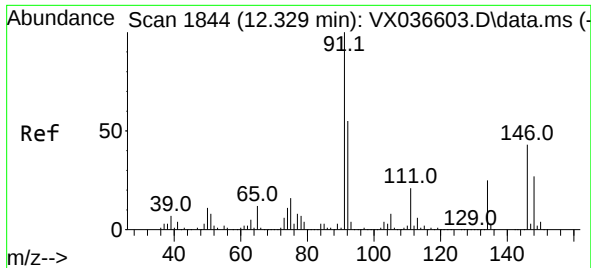


#88
1,4-Dichlorobenzene
Concen: 20.280 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



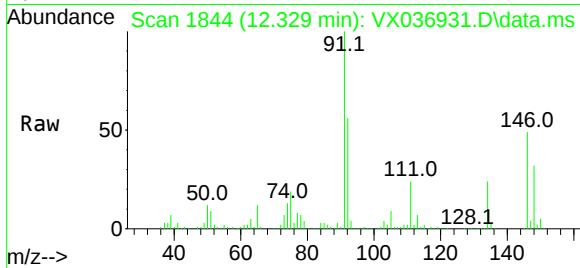
Tgt Ion:146 Resp: 74232
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.7
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 17.429 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

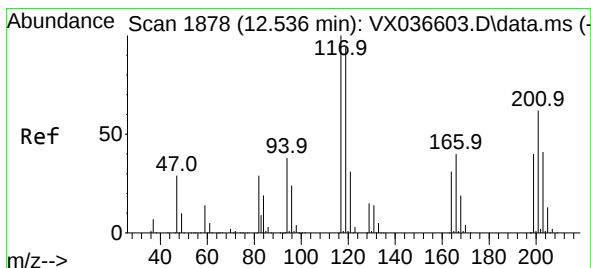
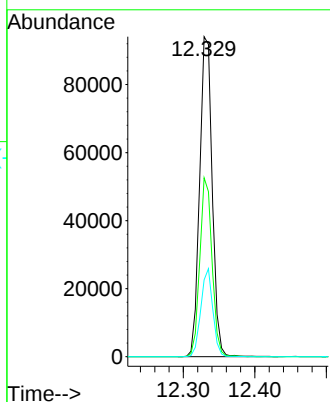
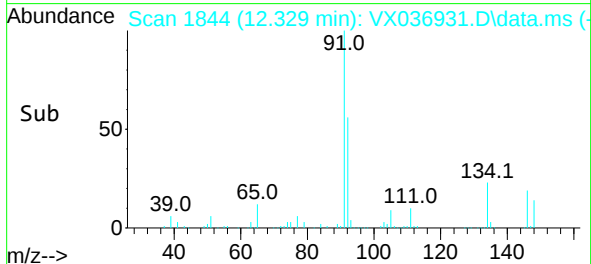
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion: 91 Resp: 11506
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 26.1 12.6 37.8

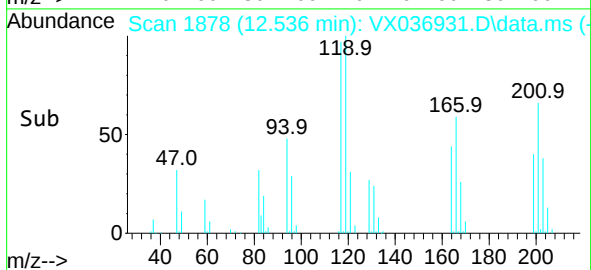
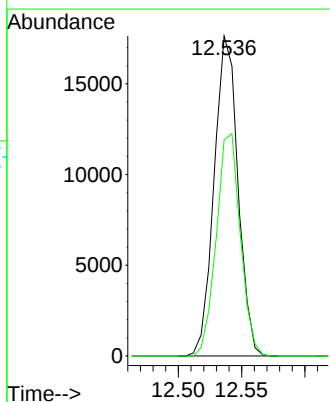
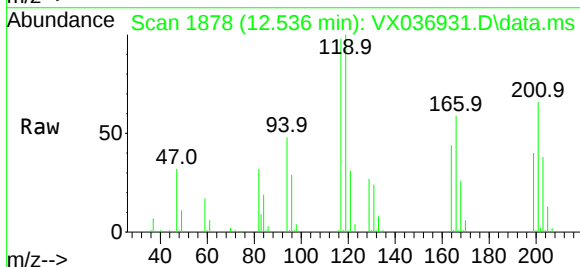
Manual Integrations
APPROVED

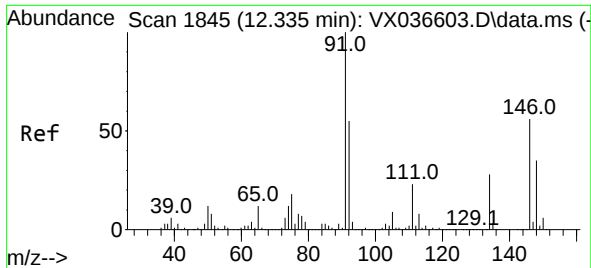
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#90
Hexachloroethane
Concen: 15.435 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

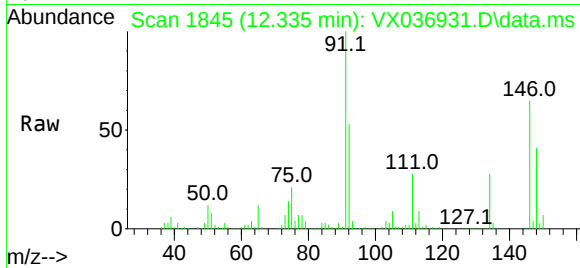
Tgt Ion:117 Resp: 23077
Ion Ratio Lower Upper
117 100
201 70.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.443 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

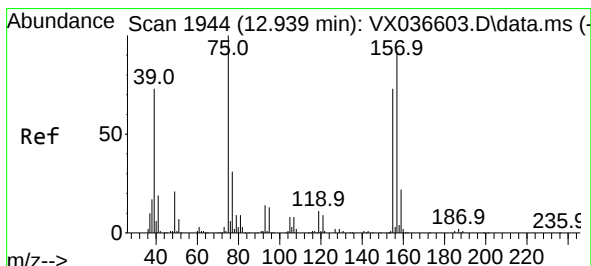
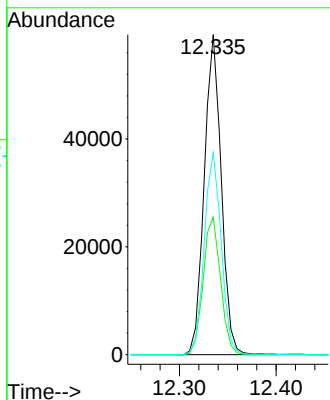
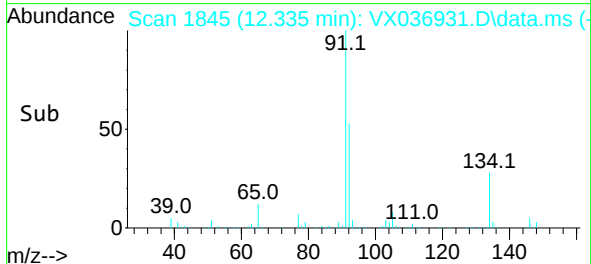
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



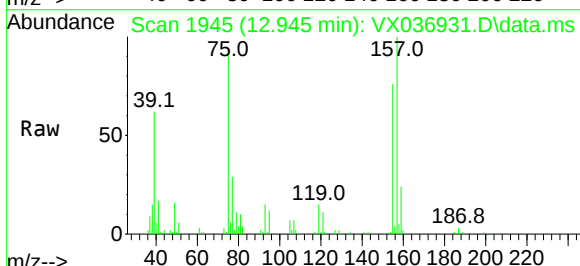
Tgt Ion:146 Resp: 72764
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 63.1 31.6 95.0

Manual Integrations
APPROVED

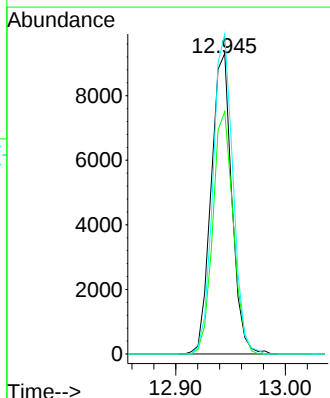
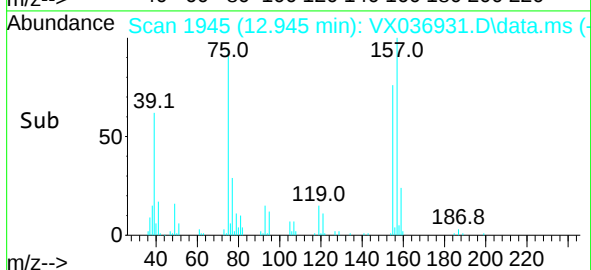
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

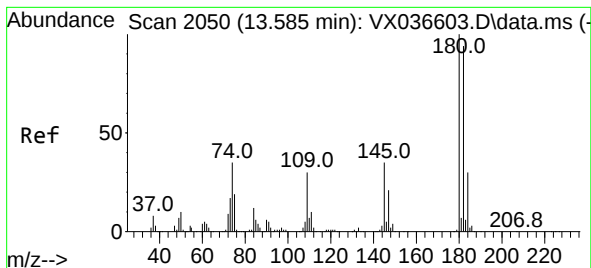


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.771 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13



Tgt Ion: 75 Resp: 12197
Ion Ratio Lower Upper
75 100
155 79.3 36.1 108.5
157 103.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.044 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0811WBS01

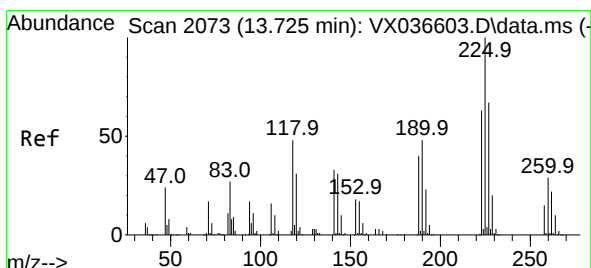
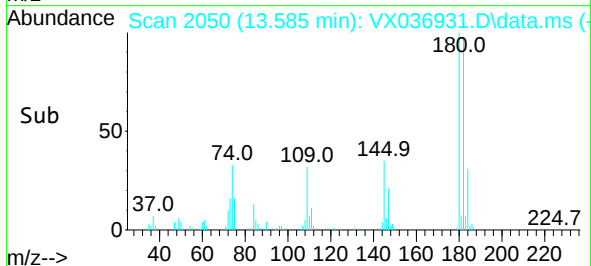
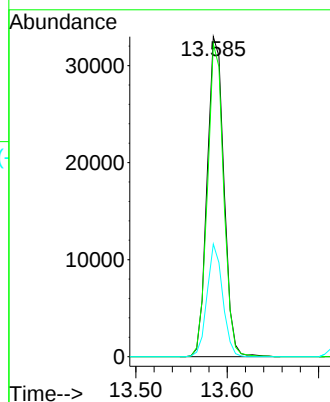
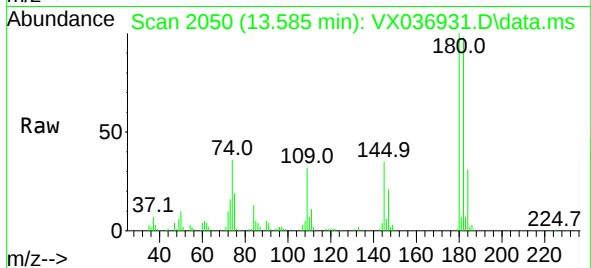
Tgt Ion:180	Resp:	41762
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.3 144.8
145	32.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#94

Hexachlorobutadiene

Concen: 18.913 ug/l

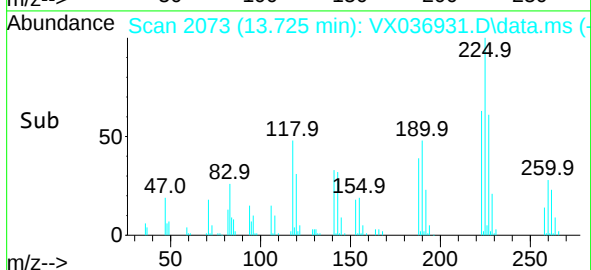
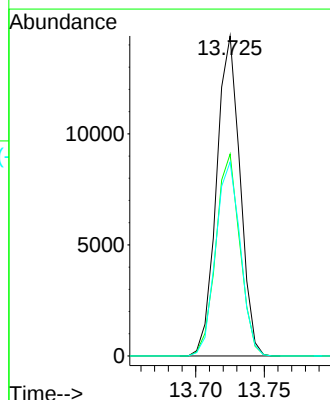
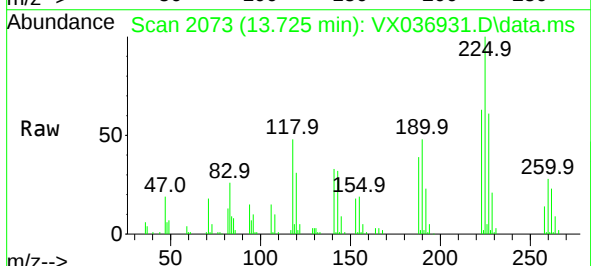
RT: 13.725 min Scan# 2073

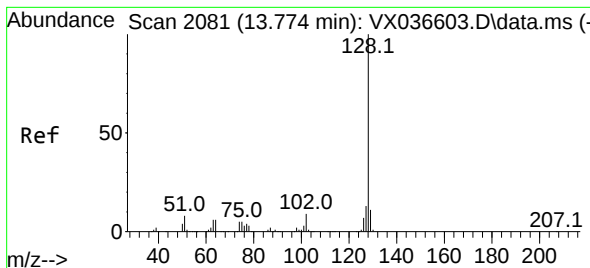
Delta R.T. -0.000 min

Lab File: VX036931.D

Acq: 11 Aug 2023 11:13

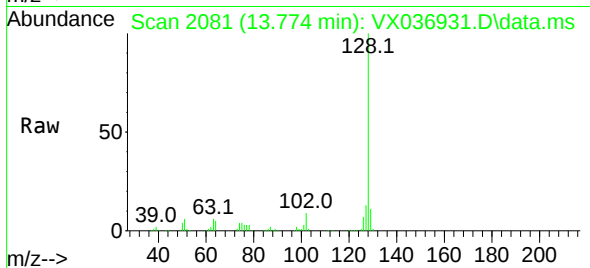
Tgt Ion:225	Resp:	17158
Ion Ratio	Lower	Upper
225	100	
223	64.4	31.1 93.2
227	63.5	32.5 97.5





#95
Naphthalene
Concen: 19.512 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

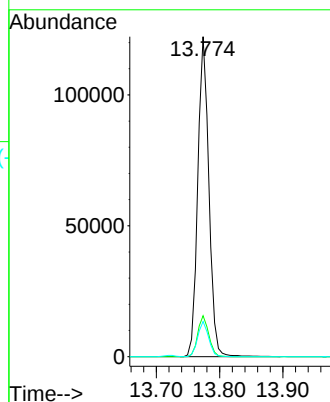
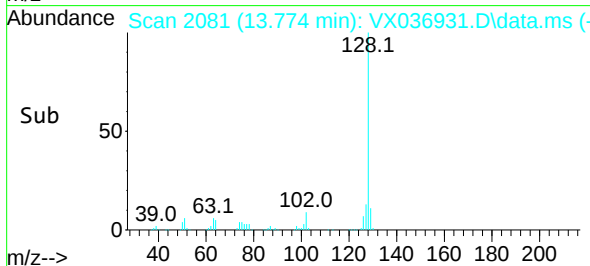
Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01



Tgt Ion:128 Resp: 149104
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.181 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036931.D
Acq: 11 Aug 2023 11:13

Tgt Ion:180 Resp: 41457
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 34.3 17.8 53.5

