

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036607.D
 Acq On : 21 Jul 2023 12:32
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072123

Quant Time: Jul 21 23:03:43 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139871	45.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.385	113	113306	46.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.647	98	408485	47.345	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.079	95	157739	48.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122291	44.893	ug/l	98
3) Chloromethane	1.301	50	107567	43.415	ug/l	99
4) Vinyl Chloride	1.374	62	115557	45.810	ug/l	100
5) Bromomethane	1.618	94	65053	43.196	ug/l	96
6) Chloroethane	1.685	64	58452	47.661	ug/l	97
7) Trichlorofluoromethane	1.886	101	183766	47.174	ug/l	98
8) Diethyl Ether	2.136	74	67122	44.537	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	111090	47.466	ug/l	99
10) Methyl Iodide	2.453	142	116421	47.893	ug/l	91
11) Tert butyl alcohol	2.989	59	152786	211.518	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	106262	46.021	ug/l	91
13) Acrolein	2.239	56	93590	227.031	ug/l	99
14) Allyl chloride	2.666	41	208282	45.809	ug/l	93
15) Acrylonitrile	3.069	53	337261	232.171	ug/l	99
16) Acetone	2.392	43	306085	241.755	ug/l	91
17) Carbon Disulfide	2.514	76	291094	45.679	ug/l	98
18) Methyl Acetate	2.709	43	246169	46.218	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	409685	47.216	ug/l	100
20) Methylene Chloride	2.788	84	123625	43.905	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	118853	46.056	ug/l	93
22) Diisopropyl ether	3.764	45	403035	46.686	ug/l #	84
23) Vinyl Acetate	3.721	43	1572149	237.410	ug/l	96
24) 1,1-Dichloroethane	3.611	63	225416	46.572	ug/l	99
25) 2-Butanone	4.562	43	485053	236.132	ug/l	94
26) 2,2-Dichloropropane	4.477	77	215175	47.180	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	141735	46.242	ug/l	95
28) Bromochloromethane	4.904	49	109806	46.908	ug/l	95
29) Tetrahydrofuran	5.007	42	308137	232.669	ug/l	96
30) Chloroform	5.093	83	230455	46.539	ug/l	96
31) Cyclohexane	5.471	56	196260	46.457	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	207629	45.760	ug/l	98
36) 1,1-Dichloropropene	5.696	75	171458	47.281	ug/l	98
37) Ethyl Acetate	4.715	43	192967	47.014	ug/l	97
38) Carbon Tetrachloride	5.678	117	182376	47.305	ug/l	99
39) Methylcyclohexane	7.379	83	218325	48.418	ug/l	96
40) Benzene	6.038	78	493969	46.819	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105018	47.839	ug/l	95
42) 1,2-Dichloroethane	6.086	62	184422	47.809	ug/l	96
43) Isopropyl Acetate	6.342	43	329456	46.630	ug/l	97
44) Trichloroethene	7.129	130	130661	47.378	ug/l	99
45) 1,2-Dichloropropane	7.428	63	132760	47.129	ug/l	99
46) Dibromomethane	7.580	93	93026	47.186	ug/l	97
47) Bromodichloromethane	7.824	83	192263	47.510	ug/l	98
48) Methyl methacrylate	7.690	41	157009	47.785	ug/l	93
49) 1,4-Dioxane	7.696	88	60464	910.904	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	930797	238.062	ug/l	96
52) Toluene	8.720	92	315427	47.713	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	223061	48.769	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	231398	47.944	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	127662	45.939	ug/l	94
56) Ethyl methacrylate	9.116	69	218993	48.395	ug/l	96
57) 1,3-Dichloropropane	9.311	76	224015	48.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	535366	240.110	ug/l	99
59) 2-Hexanone	9.427	43	699872	241.186	ug/l	95
60) Dibromochloromethane	9.519	129	147314	48.230	ug/l	100
61) 1,2-Dibromoethane	9.610	107	137928	47.890	ug/l	99
64) Tetrachloroethene	9.275	164	112837	47.979	ug/l	97
65) Chlorobenzene	10.079	112	336194	48.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	130156	48.451	ug/l	99
67) Ethyl Benzene	10.195	91	611802	48.186	ug/l	99
68) m/p-Xylenes	10.299	106	462733	97.679	ug/l	98
69) o-Xylene	10.640	106	229694	48.575	ug/l	98
70) Styrene	10.653	104	381956	48.959	ug/l	99
71) Bromoform	10.799	173	107344	49.364	ug/l #	100
73) Isopropylbenzene	10.963	105	595967	48.269	ug/l	98
74) N-amyl acetate	10.842	43	277022	48.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	194698	46.688	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	169434m	48.284	ug/l	
77) Bromobenzene	11.195	156	137438	48.879	ug/l	98
78) n-propylbenzene	11.305	91	702547	49.201	ug/l	100
79) 2-Chlorotoluene	11.366	91	417077	48.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	505651	48.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76512	49.420	ug/l #	84
82) 4-Chlorotoluene	11.451	91	481059	48.795	ug/l	99
83) tert-Butylbenzene	11.713	119	491087	48.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	504847	48.873	ug/l	97
85) sec-Butylbenzene	11.890	105	626216	49.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	529525	50.854	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	258275	49.594	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	257908	49.902	ug/l	99
89) n-Butylbenzene	12.329	91	476554	51.126	ug/l	99
90) Hexachloroethane	12.536	117	103069	48.826	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	245180	48.787	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44514	45.936	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	152783	49.345	ug/l	98
94) Hexachlorobutadiene	13.725	225	63362	49.466	ug/l	98
95) Naphthalene	13.774	128	529897	49.112	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	150649	49.367	ug/l	98

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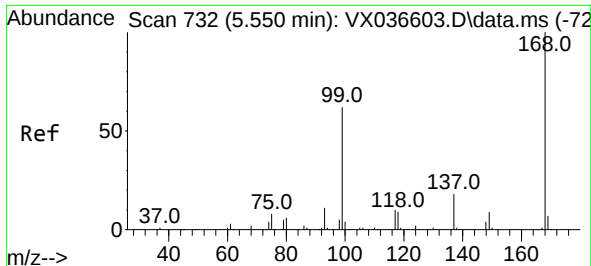
Manual Integrations
APPROVED

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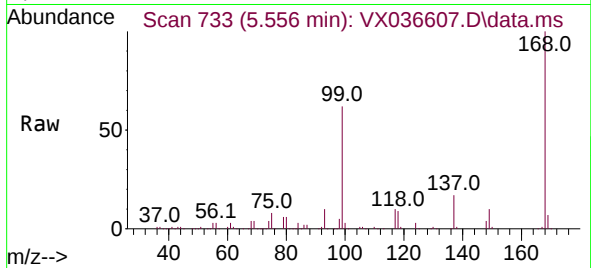
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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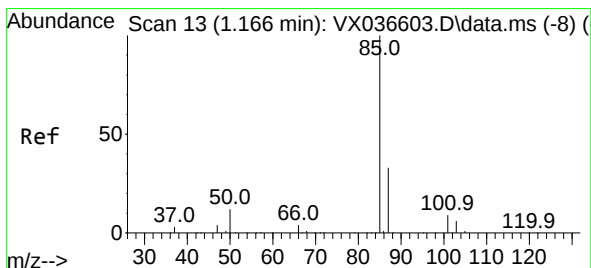
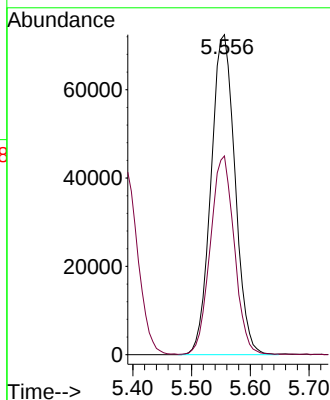
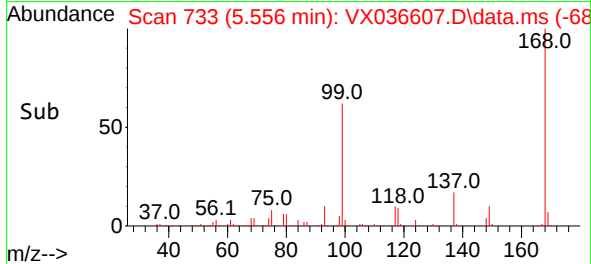
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion:168 Resp: 206209
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

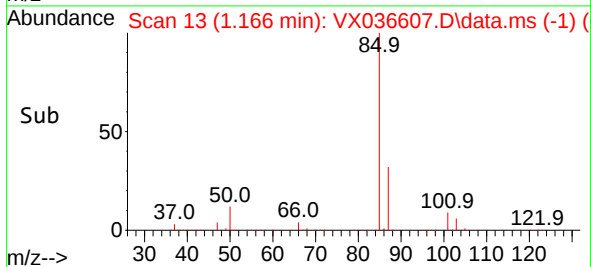
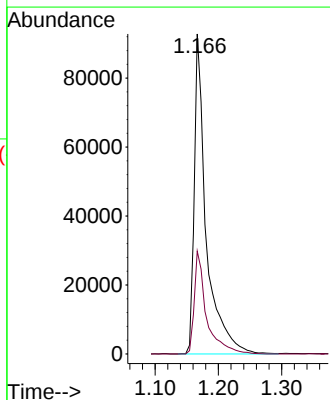
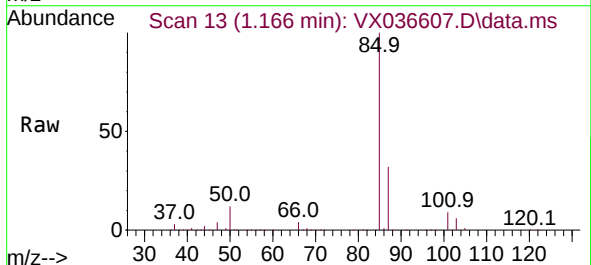
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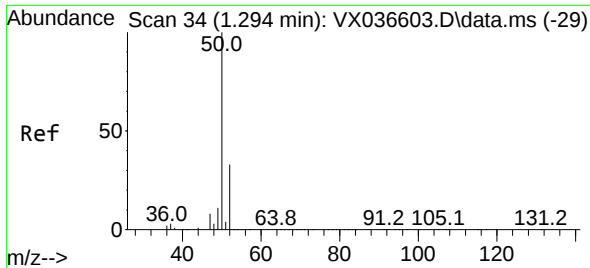
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 44.893 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

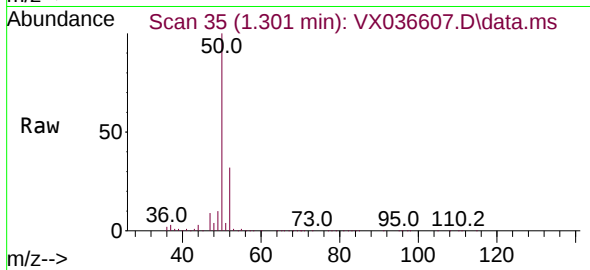
Tgt Ion: 85 Resp: 122291
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3
Chloromethane
Concen: 43.415 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

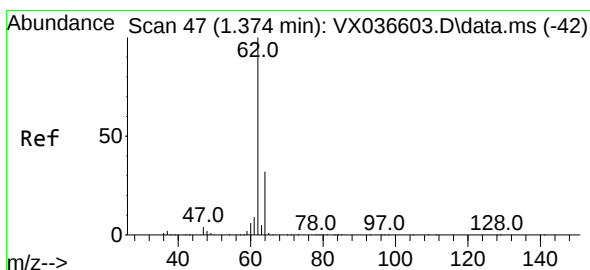
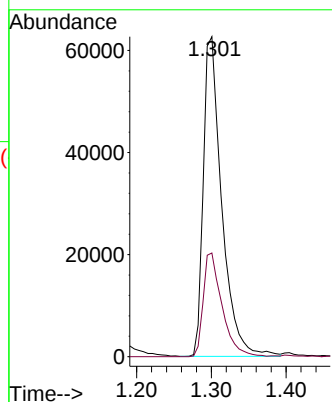
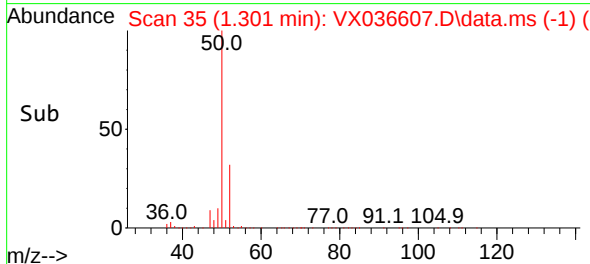
Instrument :
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Tgt Ion: 50 Resp: 10756
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

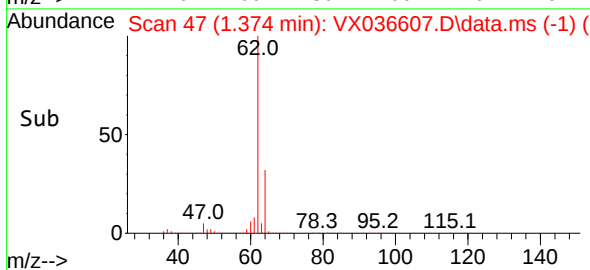
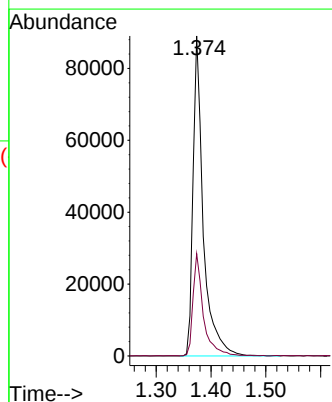
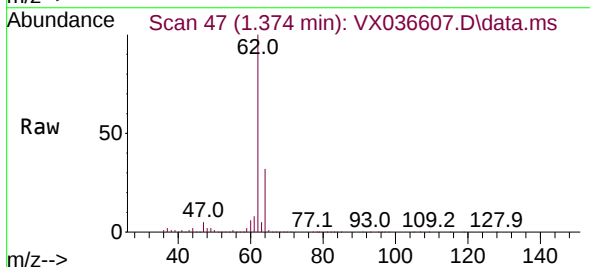
Manual Integrations
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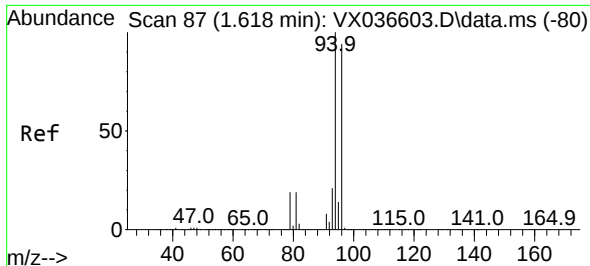
Reviewed By :John Carlone 07/24/2023
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#4
Vinyl Chloride
Concen: 45.810 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

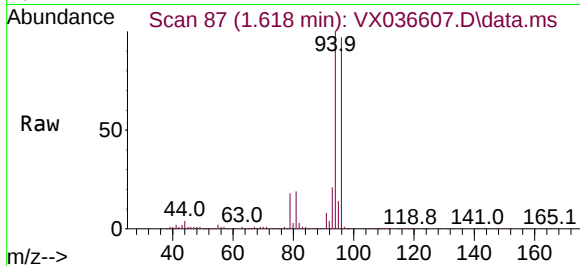
Tgt Ion: 62 Resp: 115557
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 43.196 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

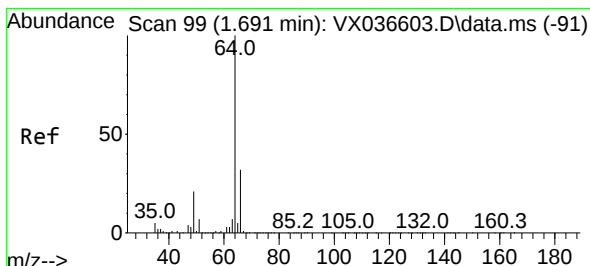
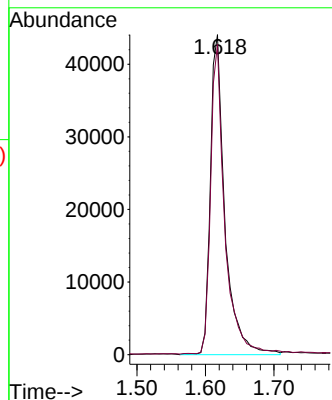
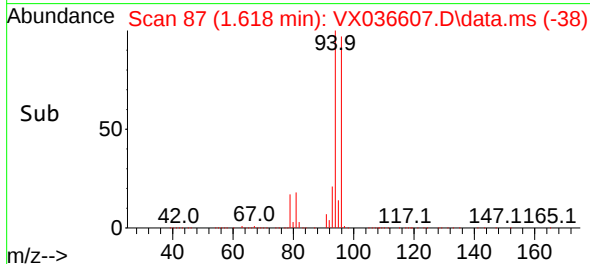
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Tgt Ion: 94 Resp: 6505
Ion Ratio Lower Upper
94 100
96 96.8 74.6 111.8

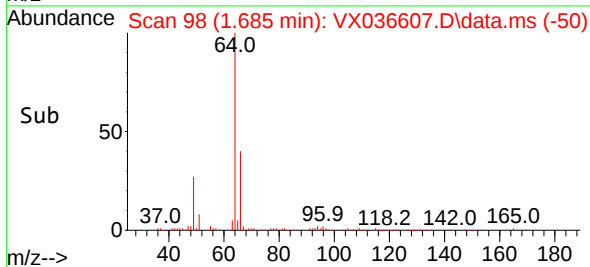
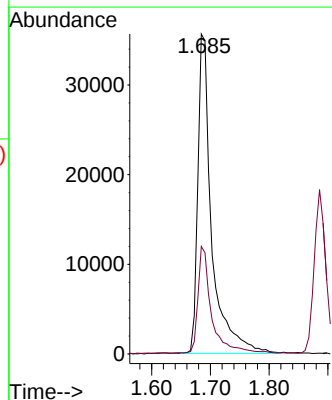
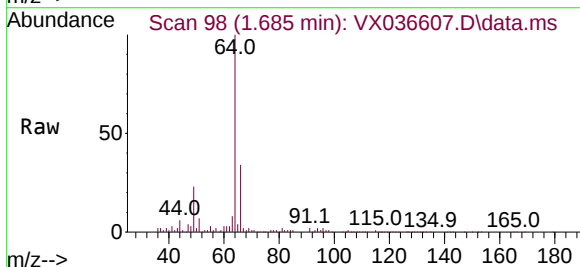
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#6
Chloroethane
Concen: 47.661 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

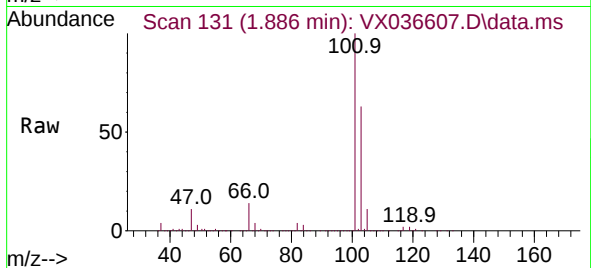
Tgt Ion: 64 Resp: 58452
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.174 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036607.D
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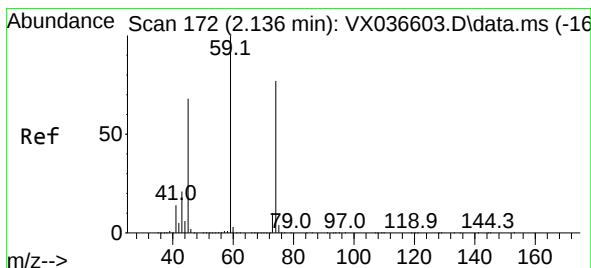
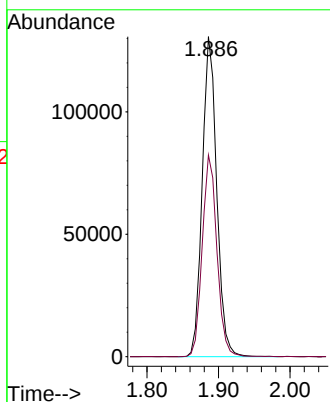
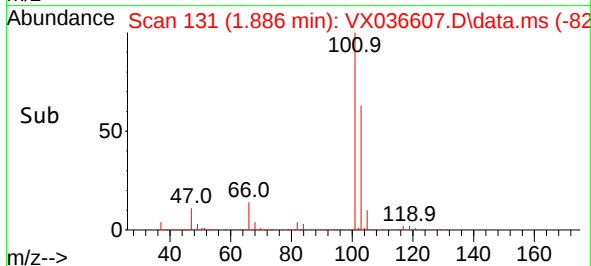
Instrument :
MSVOA_X
ClientSampleId :
ICVX072123



Tgt Ion:101 Resp: 183760
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

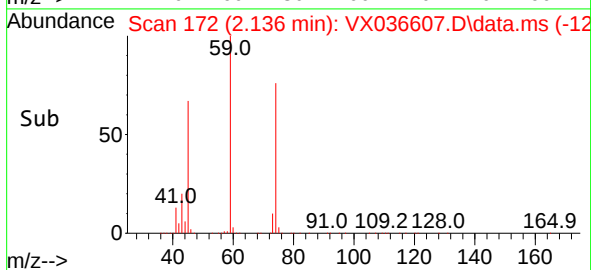
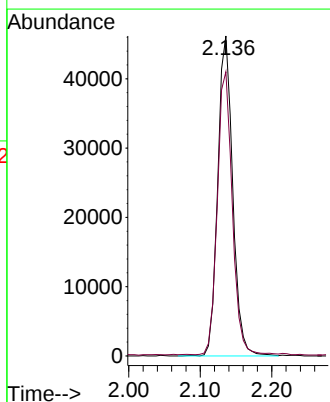
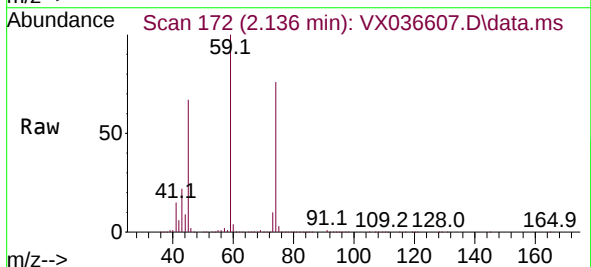
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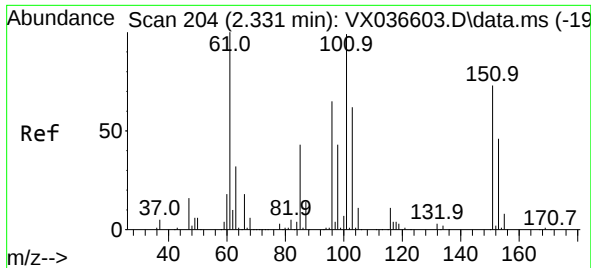
Reviewed By :John Carlone 07/24/2023
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#8
Diethyl Ether
Concen: 44.537 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036607.D
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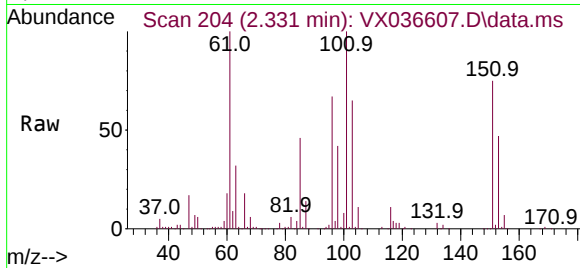
Tgt Ion: 74 Resp: 67122
Ion Ratio Lower Upper
74 100
45 88.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.466 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036607.D
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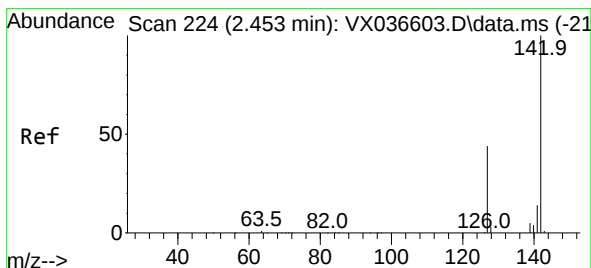
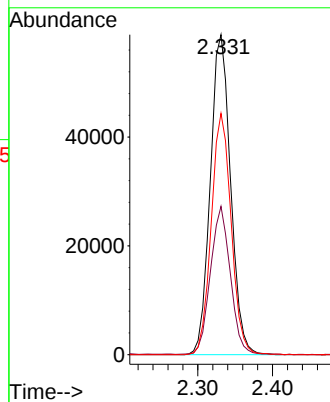
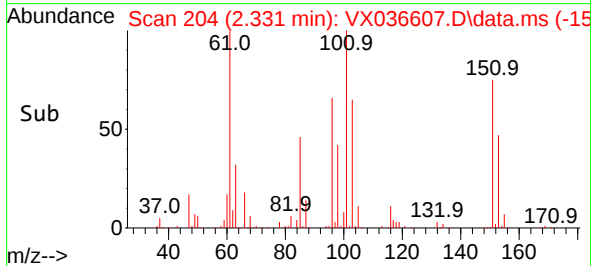
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ClientSampleId :
ICVVX072123



Tgt Ion:101 Resp: 111090
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 74.0 58.6 87.8

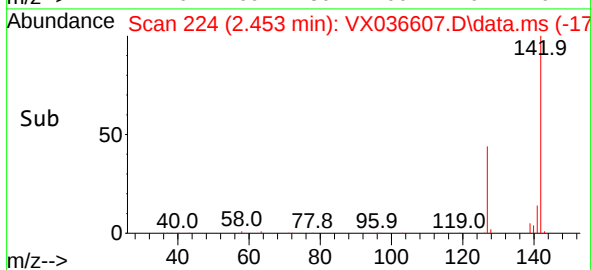
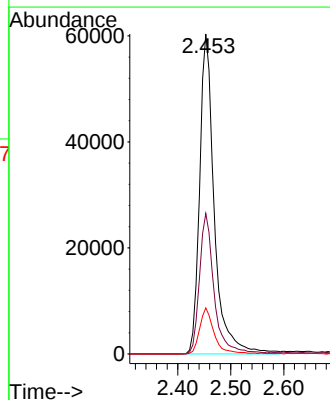
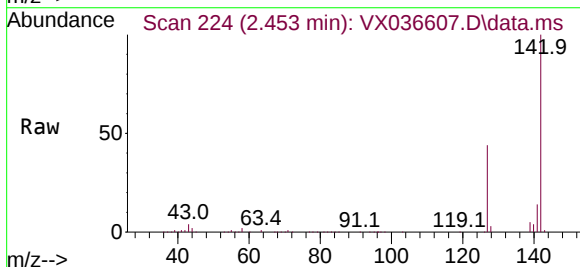
Manual Integrations
APPROVED

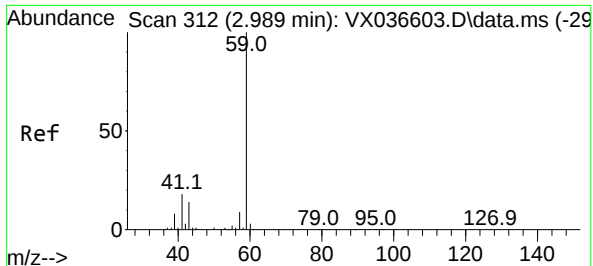
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 47.893 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

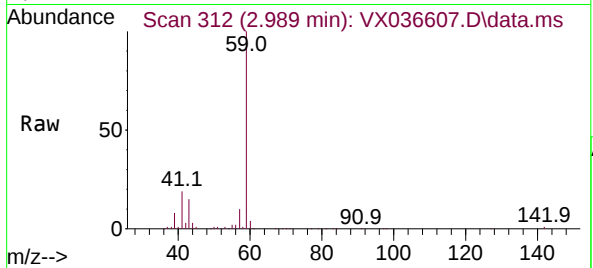
Tgt Ion:142 Resp: 116421
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 211.518 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

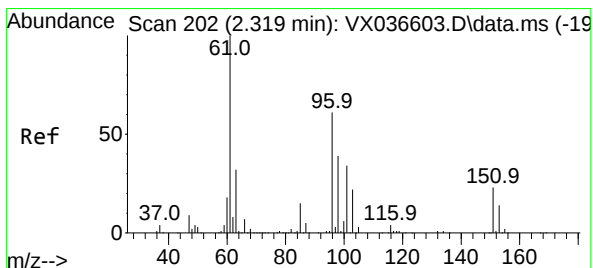
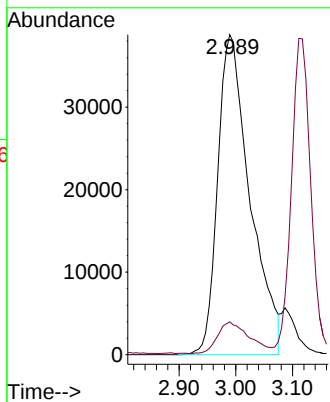
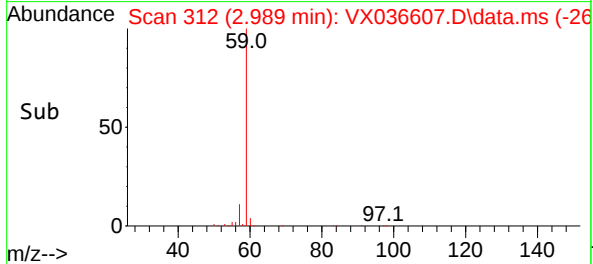
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



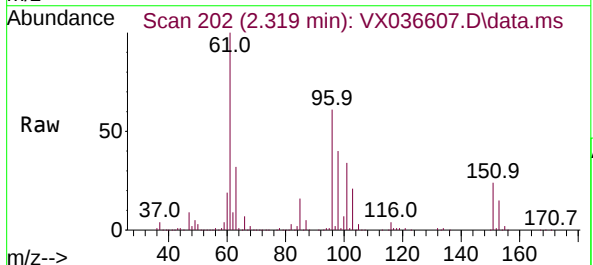
Tgt Ion: 59 Resp: 152780
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

Manual Integrations
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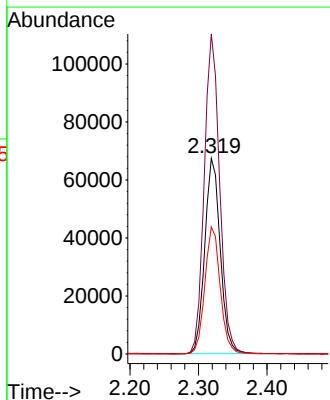
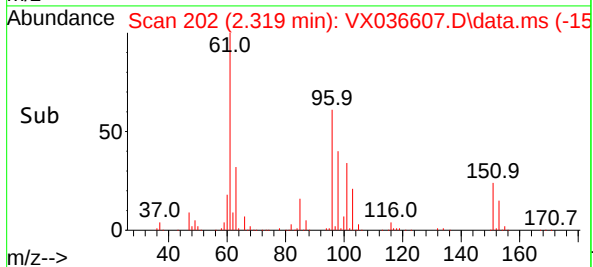
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 46.021 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



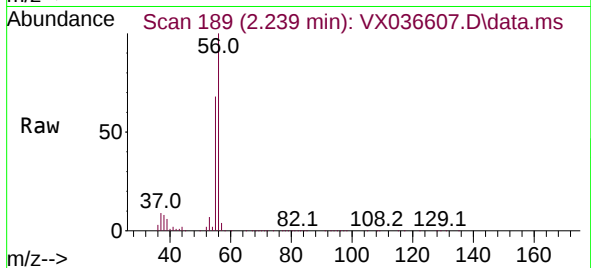
Tgt Ion: 96 Resp: 106262
Ion Ratio Lower Upper
96 100
61 163.7 144.6 216.8
98 64.9 50.4 75.6





#13
Acrolein
Concen: 227.031 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

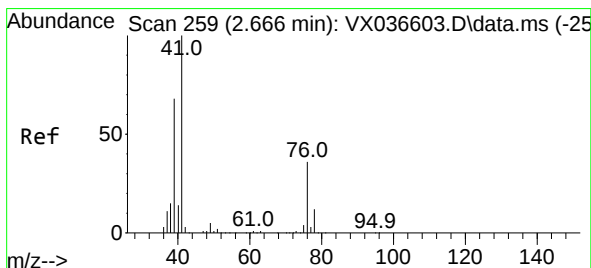
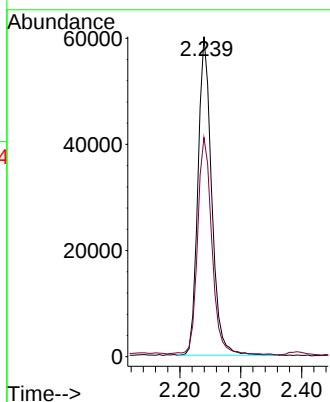
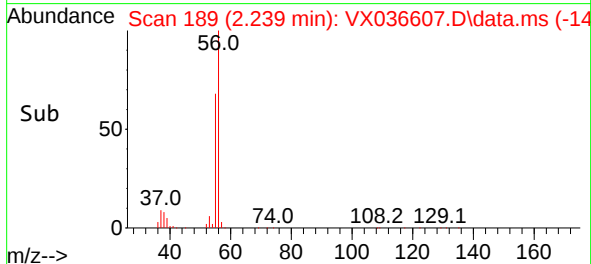
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion: 56 Resp: 93590
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7

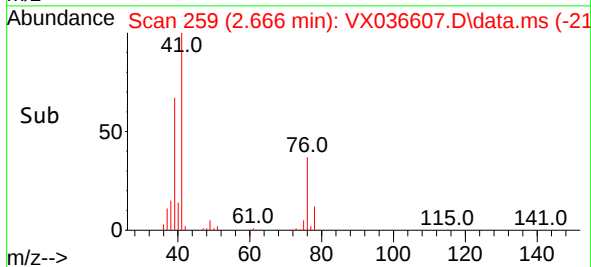
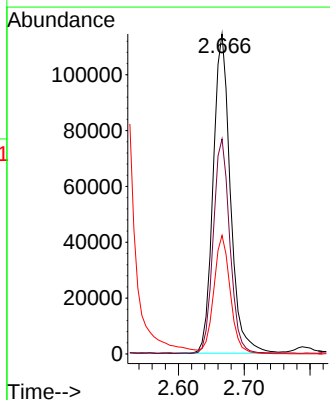
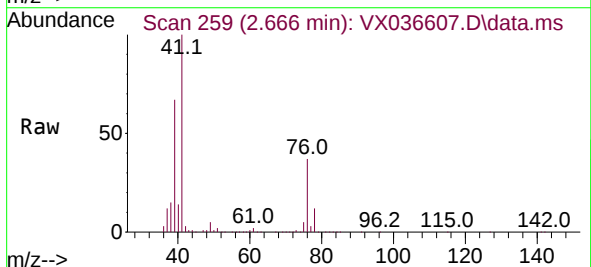
Manual Integrations
APPROVED

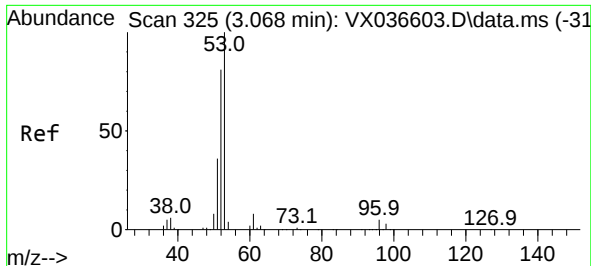
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 45.809 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

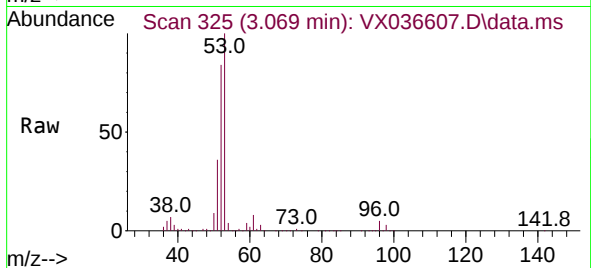
Tgt Ion: 41 Resp: 208282
Ion Ratio Lower Upper
41 100
39 64.8 55.8 83.6
76 35.6 24.3 36.5





#15
Acrylonitrile
Concen: 232.171 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

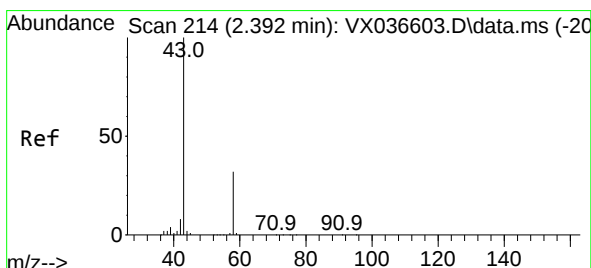
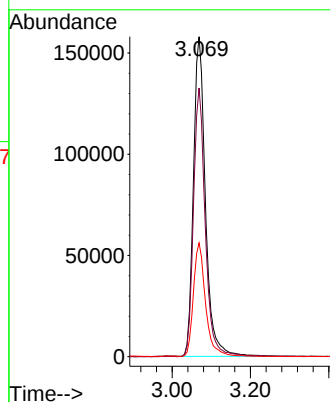
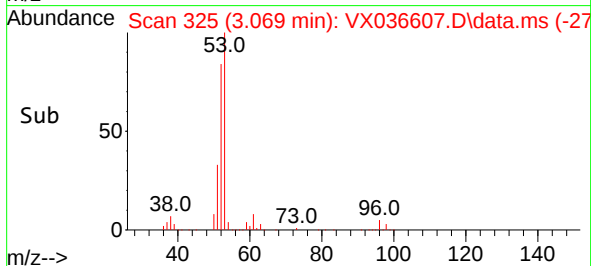
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion: 53 Resp: 33726
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 35.7 29.8 44.6

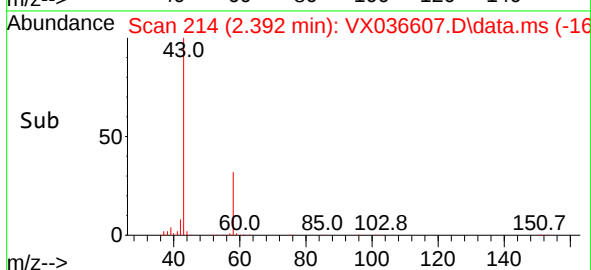
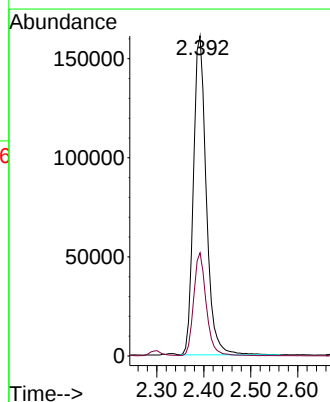
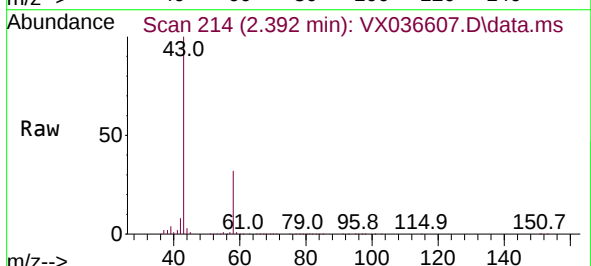
Manual Integrations
APPROVED

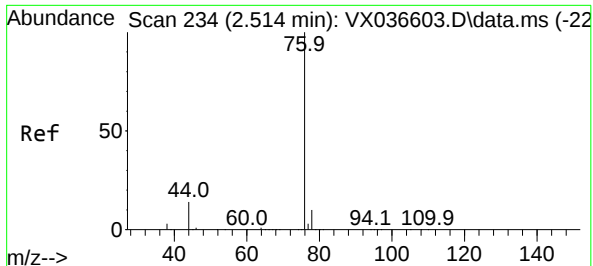
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 241.755 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion: 43 Resp: 306085
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#17

Carbon Disulfide

Concen: 45.679 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

Tgt Ion: 76 Resp: 291094

Ion Ratio Lower Upper

76 100

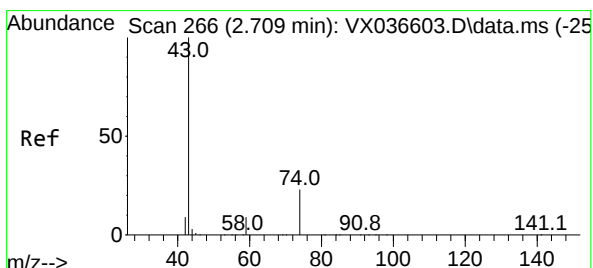
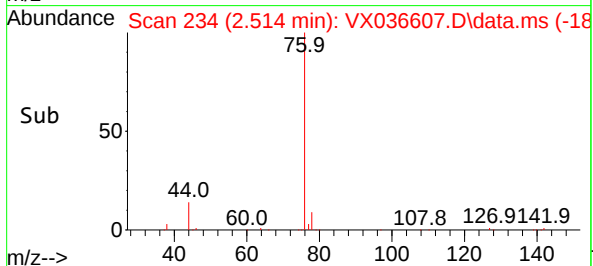
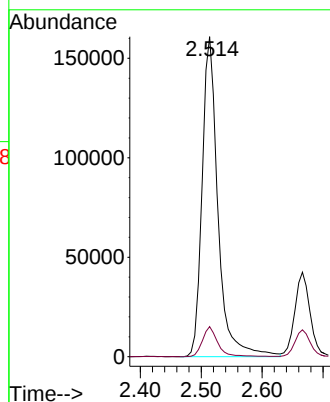
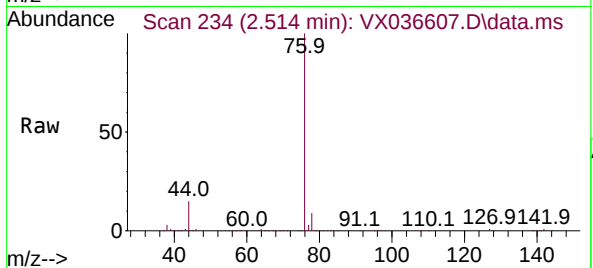
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#18

Methyl Acetate

Concen: 46.218 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036607.D

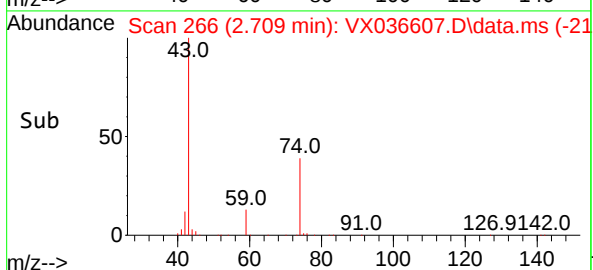
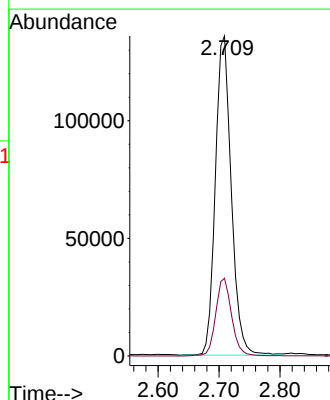
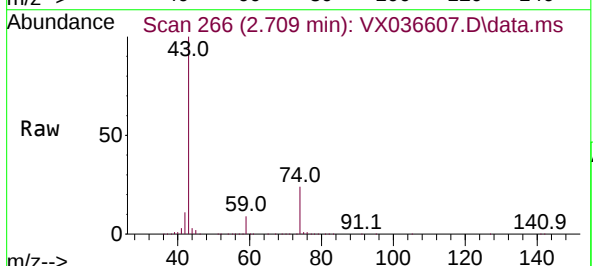
Acq: 21 Jul 2023 12:32

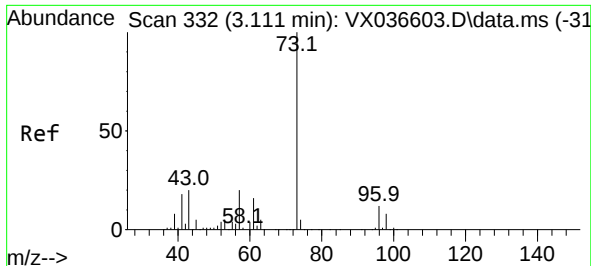
Tgt Ion: 43 Resp: 246169

Ion Ratio Lower Upper

43 100

74 24.4 17.8 26.8





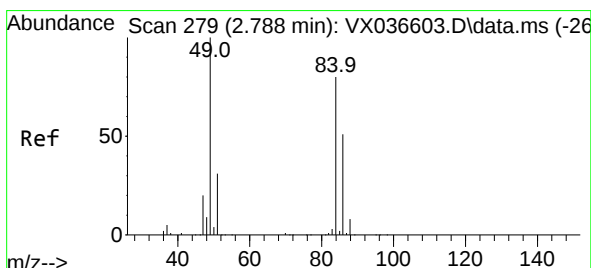
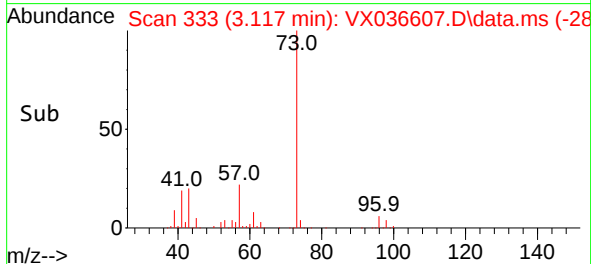
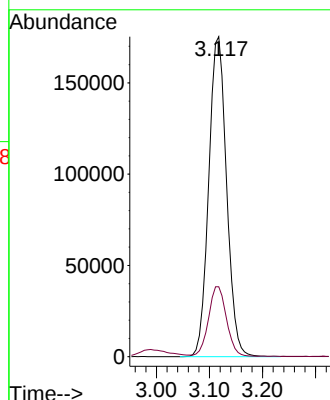
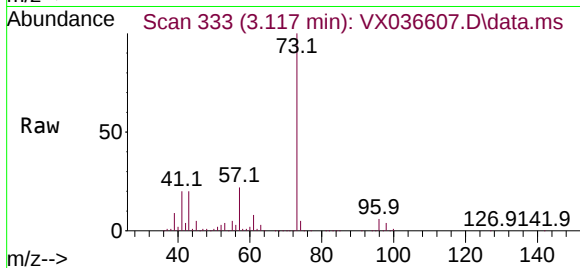
#19
Methyl tert-butyl Ether
Concen: 47.216 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123

Tgt Ion: 73 Resp: 409685
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

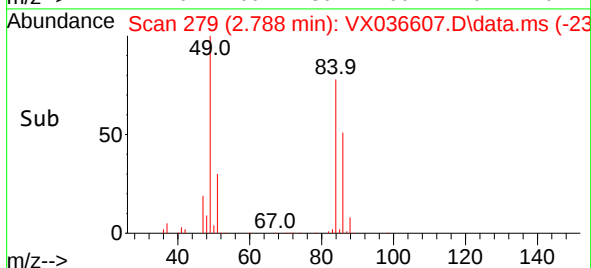
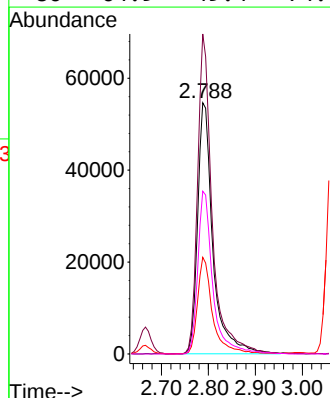
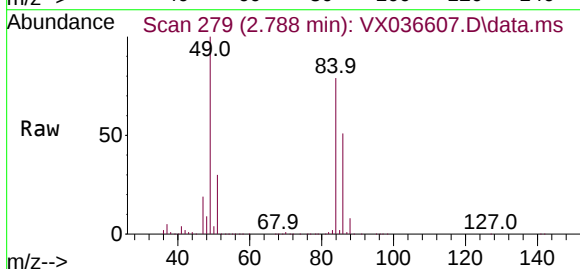
Manual Integrations
APPROVED

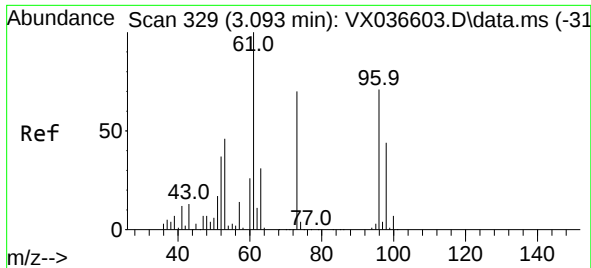
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 43.905 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

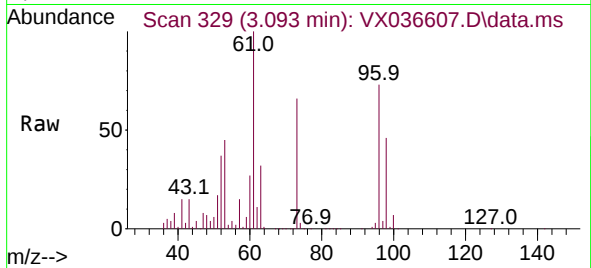
Tgt Ion: 84 Resp: 123625
Ion Ratio Lower Upper
84 100
49 127.5 103.6 155.4
51 38.4 33.8 50.6
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.056 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

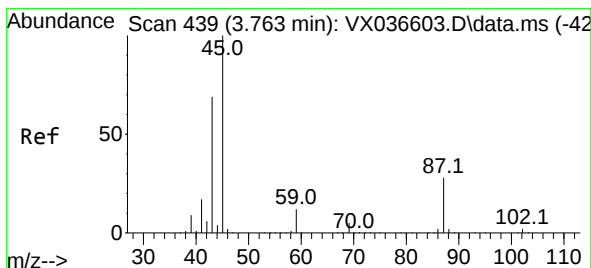
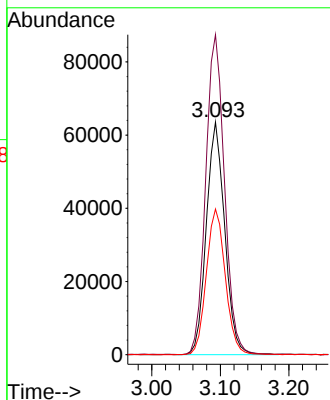
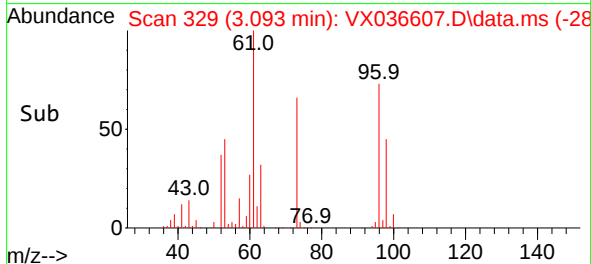
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion: 96 Resp: 11885
Ion Ratio Lower Upper
96 100
61 137.4 119.2 178.8
98 62.5 48.7 73.1

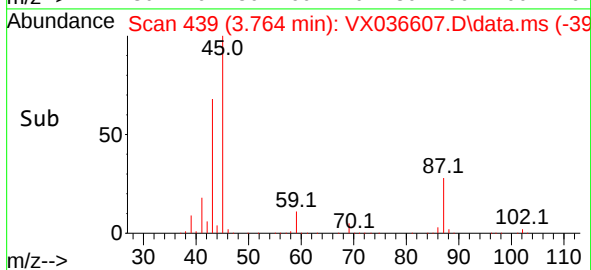
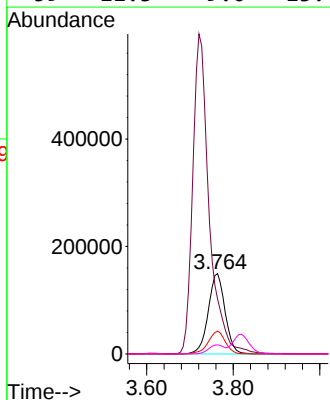
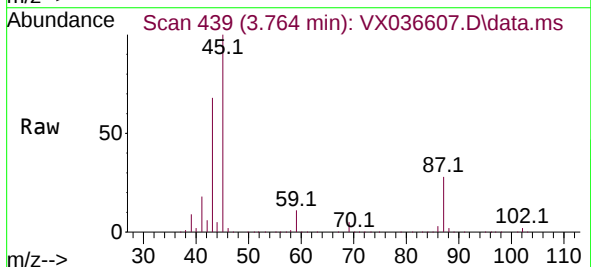
Manual Integrations
APPROVED

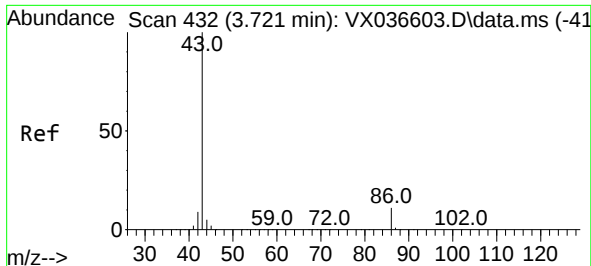
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 46.686 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

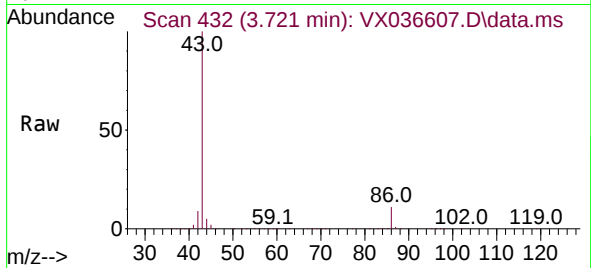
Tgt Ion: 45 Resp: 403035
Ion Ratio Lower Upper
45 100
43 67.9 69.7 104.5#
87 28.4 20.8 31.2
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 237.410 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036607.D
 Acq: 21 Jul 2023 12:32

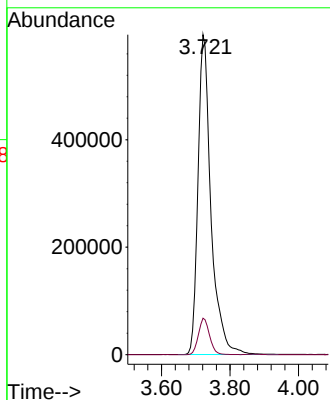
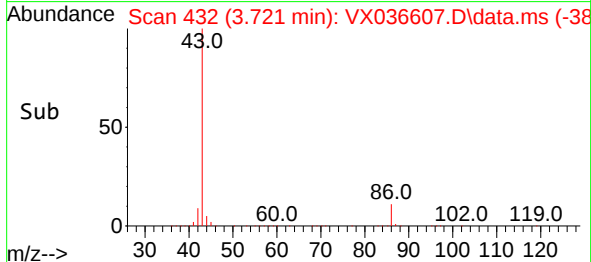
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072123



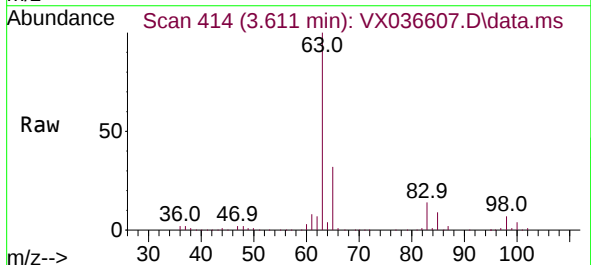
Tgt Ion: 43 Resp: 1572149
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

Manual Integrations
 APPROVED

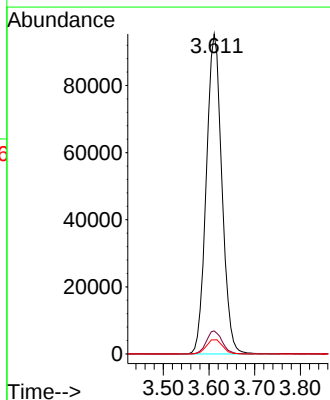
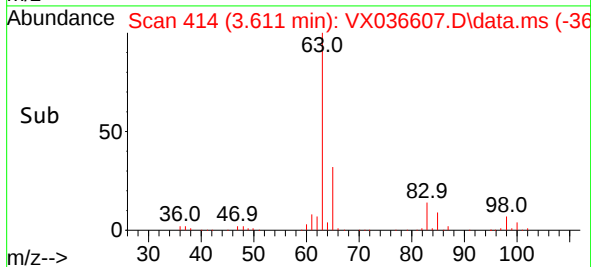
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

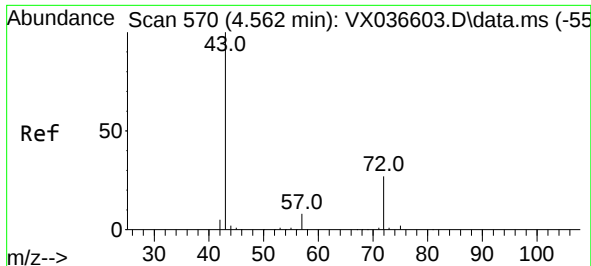


#24
 1,1-Dichloroethane
 Concen: 46.572 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036607.D
 Acq: 21 Jul 2023 12:32



Tgt Ion: 63 Resp: 225416
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 236.132 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVX072123

Tgt Ion: 43 Resp: 48505

Ion Ratio Lower Upper

43 100

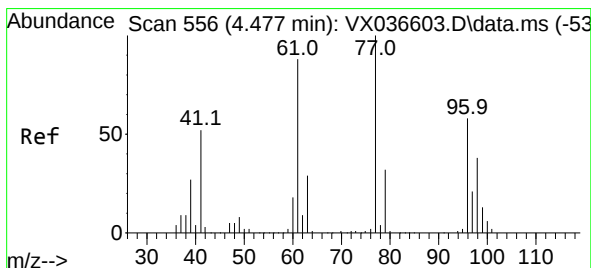
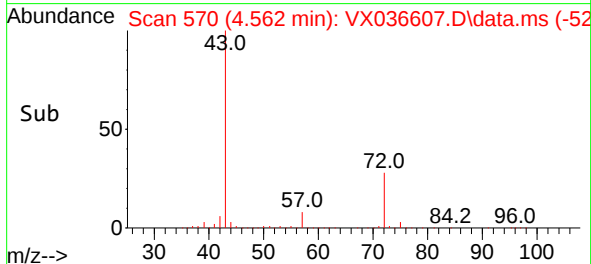
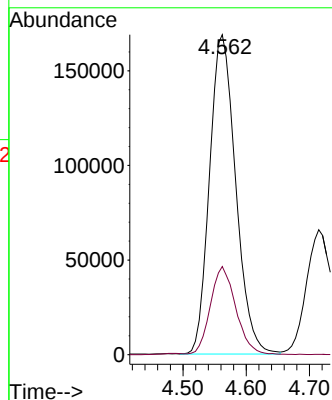
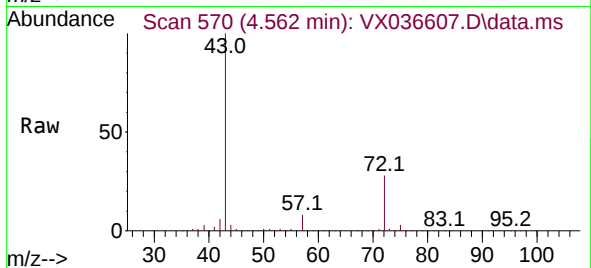
72 27.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 47.180 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX036607.D

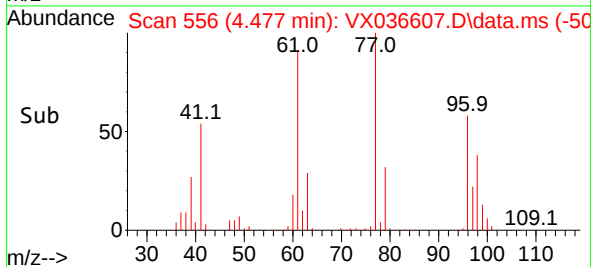
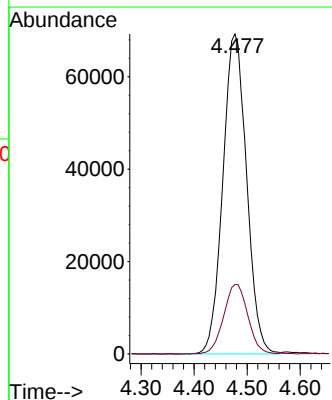
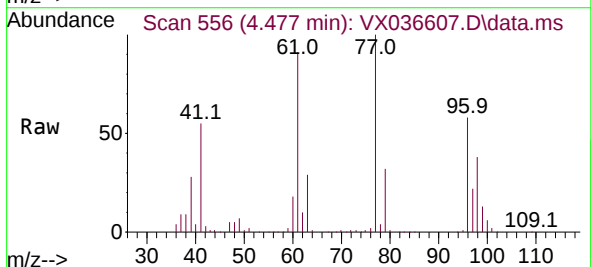
Acq: 21 Jul 2023 12:32

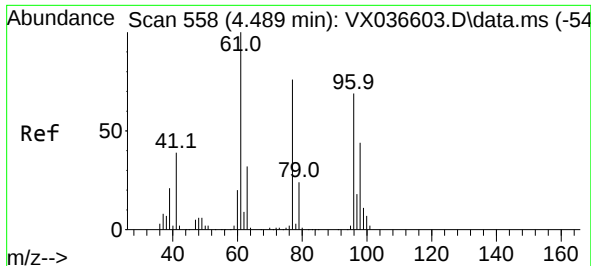
Tgt Ion: 77 Resp: 215175

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.3





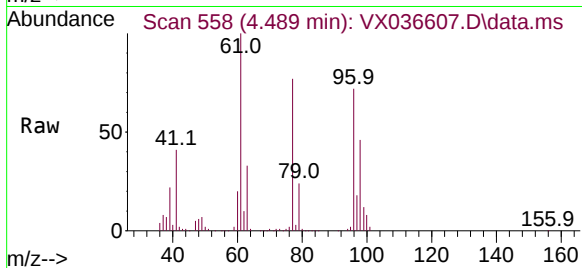
#27
 cis-1,2-Dichloroethene
 Concen: 46.242 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX036607.D
 Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123



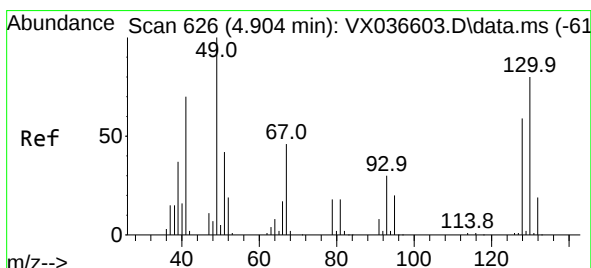
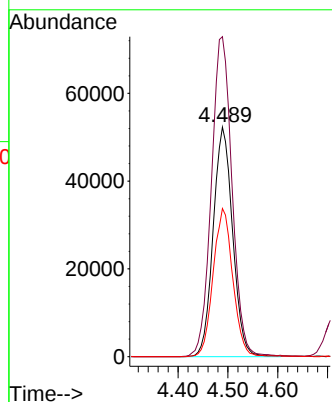
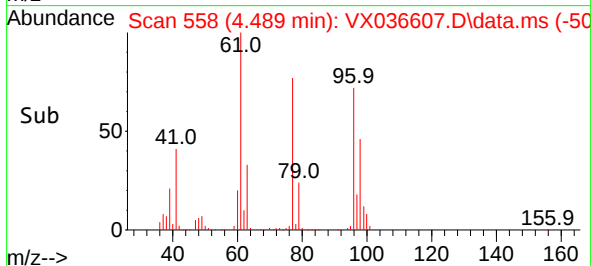
Tgt Ion: 96 Resp: 141738
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 312.2
 98 65.2 0.0 129.0

Manual Integrations

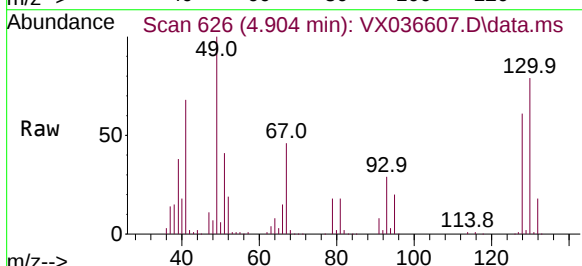
APPROVED

Reviewed By :John Carlone 07/24/2023

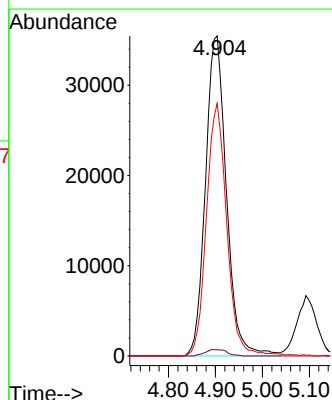
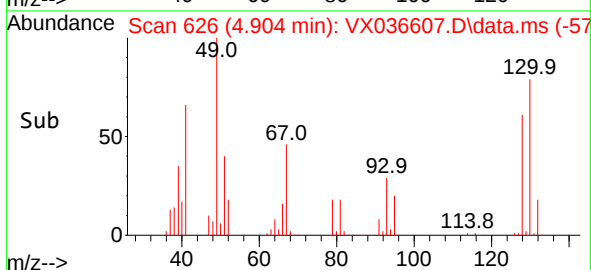
Supervised By :Mahesh Dadoda 07/24/2023

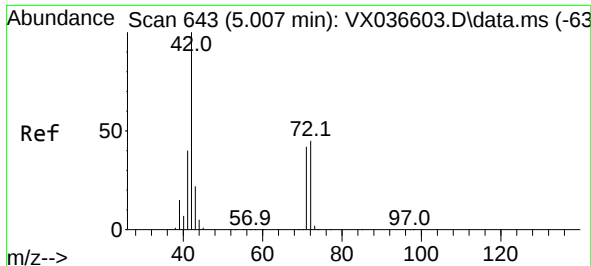


#28
 Bromochloromethane
 Concen: 46.908 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX036607.D
 Acq: 21 Jul 2023 12:32



Tgt Ion: 49 Resp: 109806
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 76.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 232.669 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

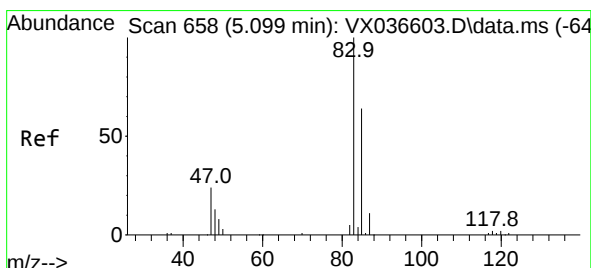
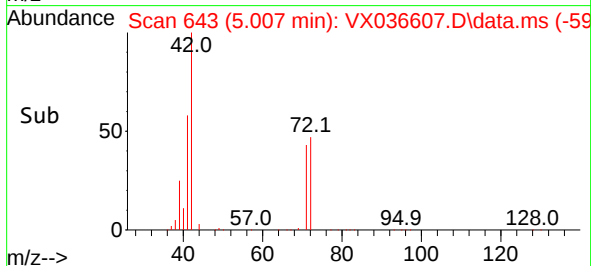
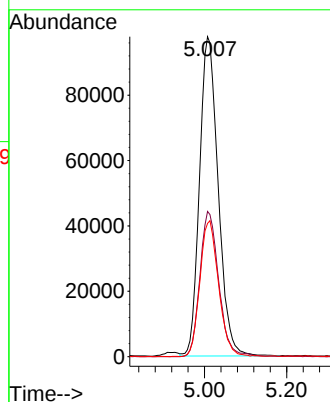
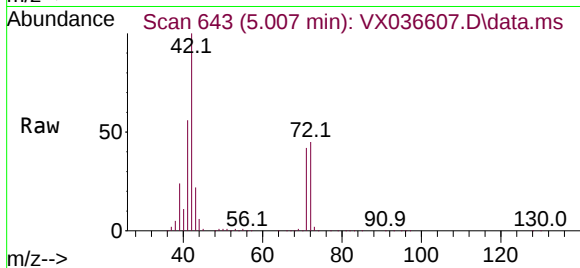
Tgt Ion:	42	Resp:	30813
Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.2	51.4
71	42.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 46.539 ug/l

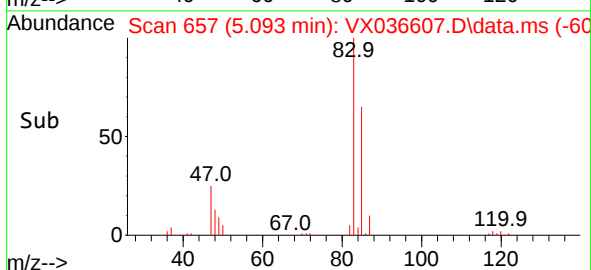
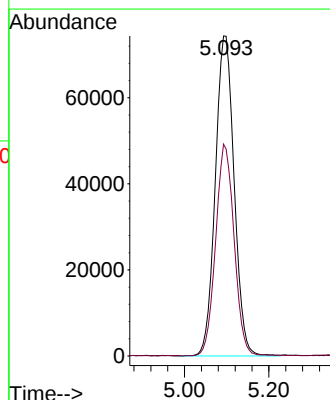
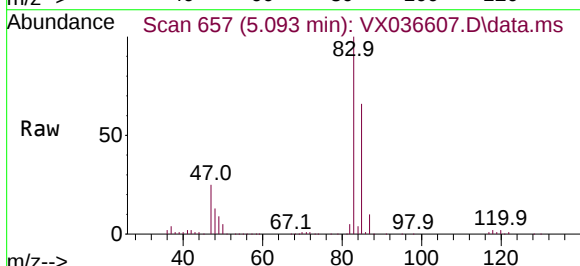
RT: 5.093 min Scan# 657

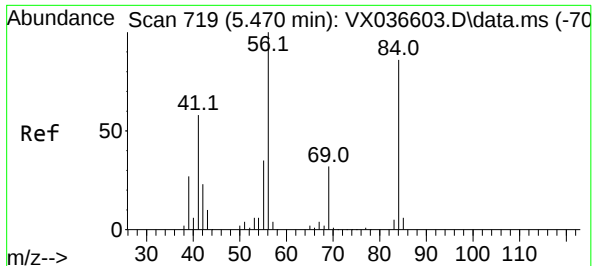
Delta R.T. -0.006 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

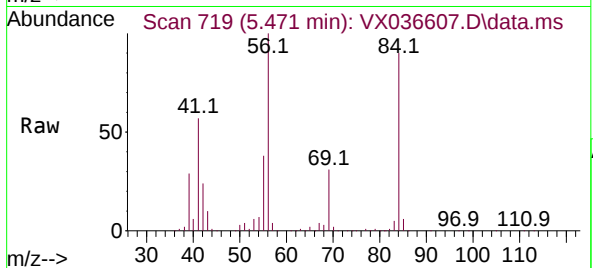
Tgt Ion:	83	Resp:	230455
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.3	75.5





#31
Cyclohexane
Concen: 46.457 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

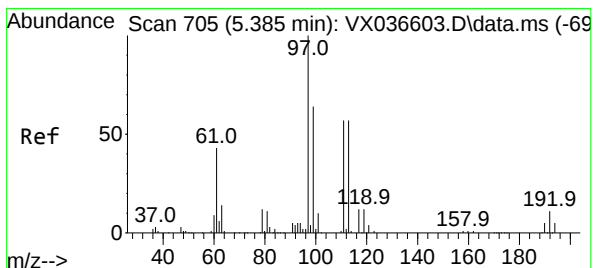
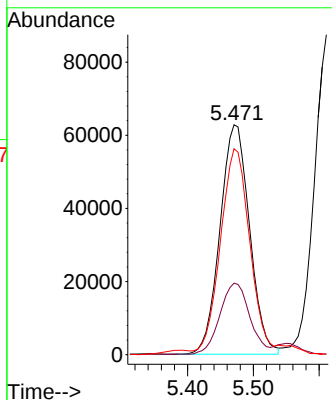
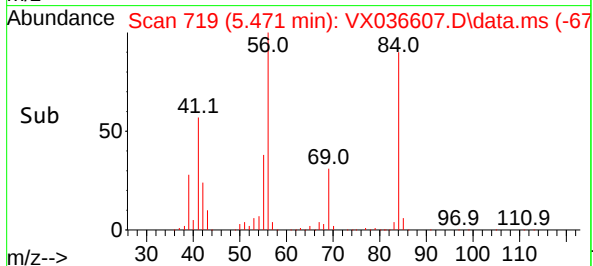
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion: 56 Resp: 196260
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 87.8 65.9 98.9

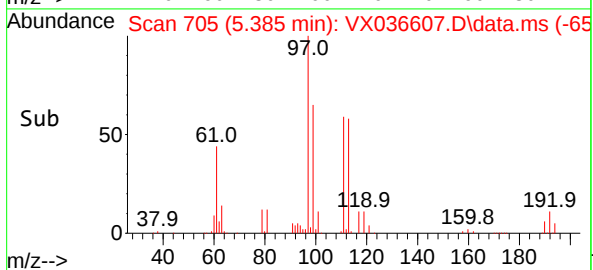
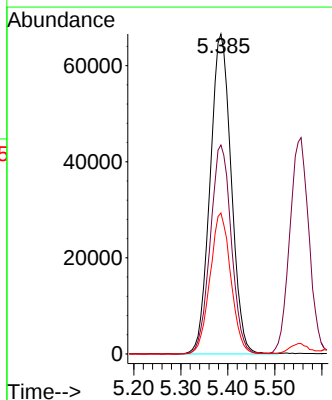
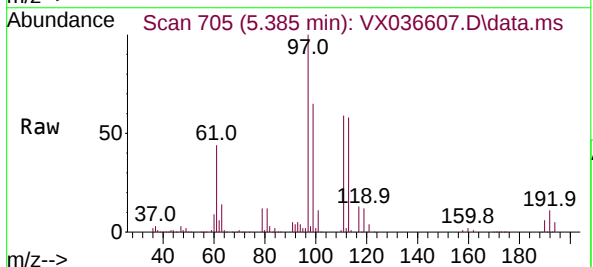
Manual Integrations
APPROVED

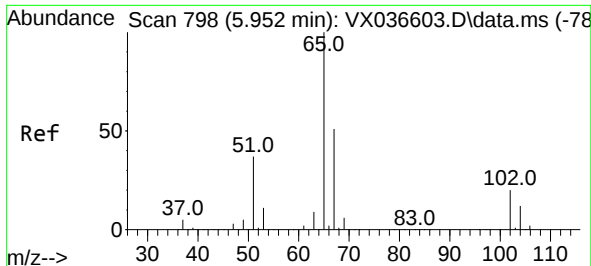
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 45.760 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion: 97 Resp: 207629
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 43.6 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 45.843 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

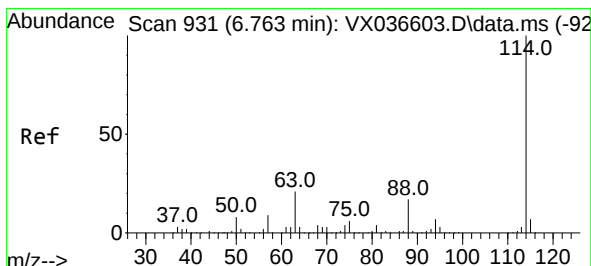
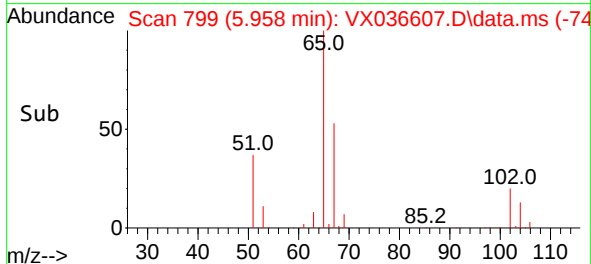
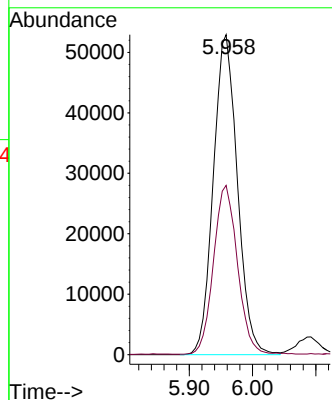
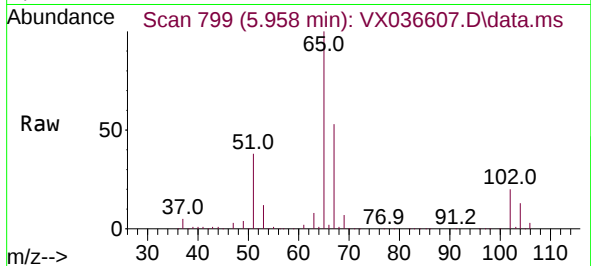
ClientSampleId :

ICVVX072123

Tgt Ion: 65 Resp: 13987
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

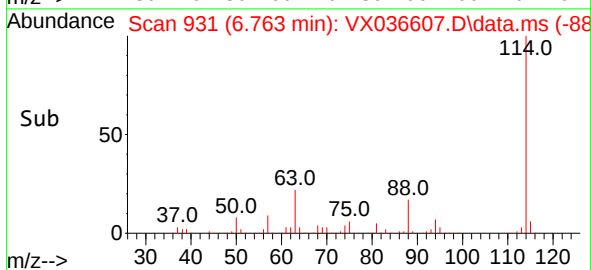
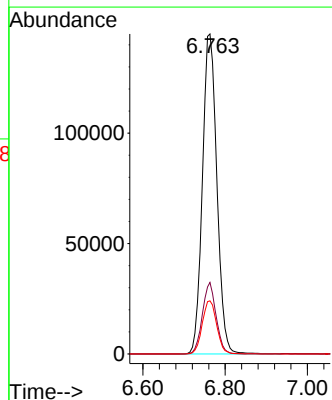
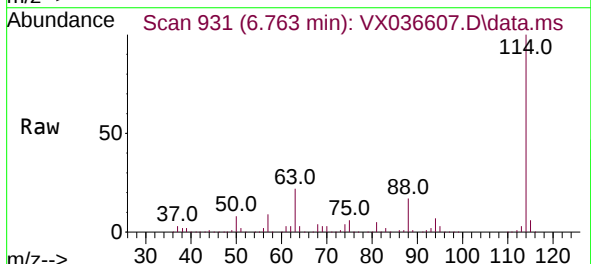
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

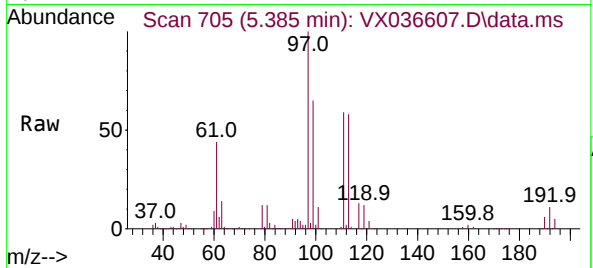
Tgt Ion:114 Resp: 353969
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.571 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

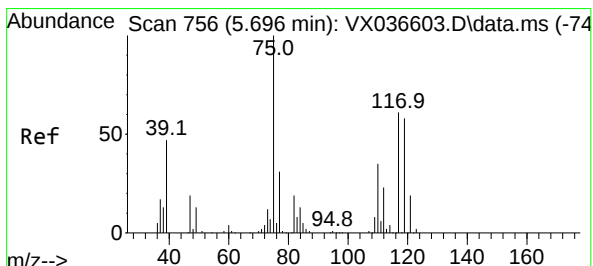
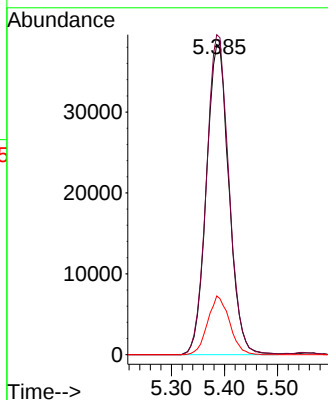
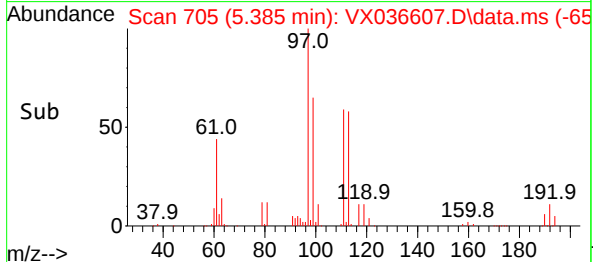
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion:113 Resp: 113300
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.3 13.3 19.9

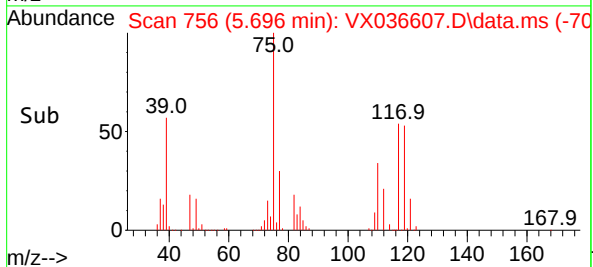
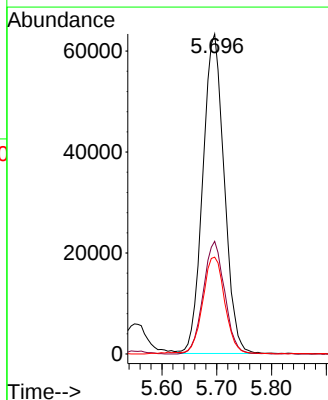
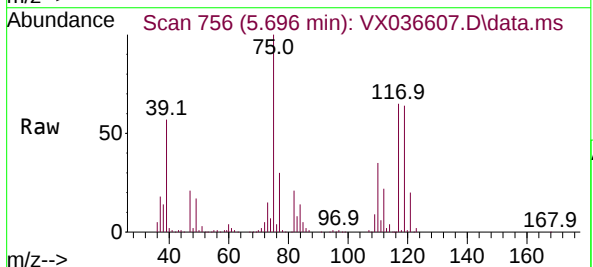
Manual Integrations
APPROVED

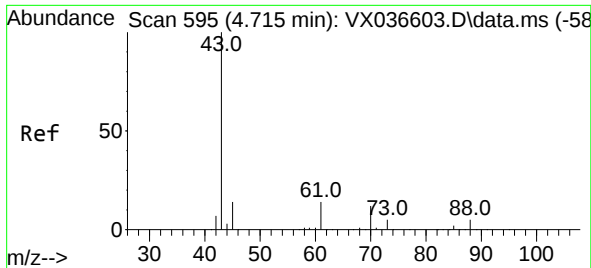
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 47.281 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion: 75 Resp: 171458
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.4 24.7 37.1





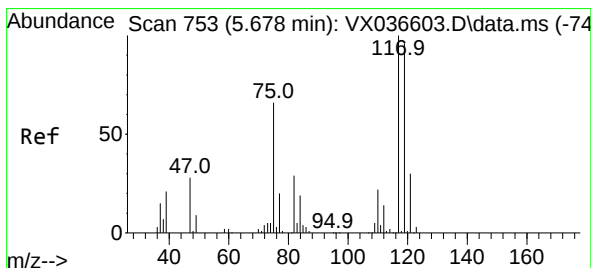
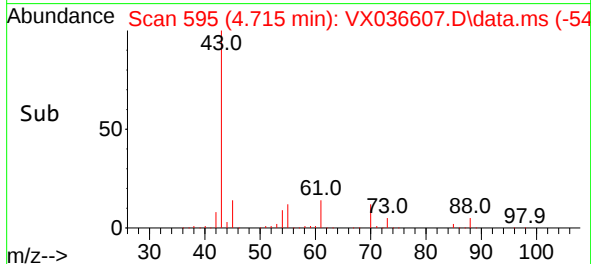
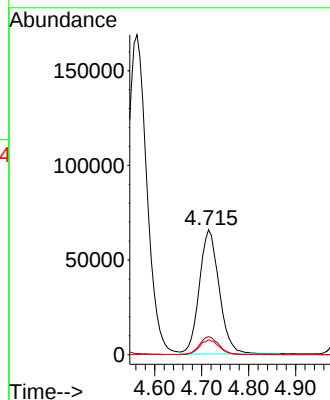
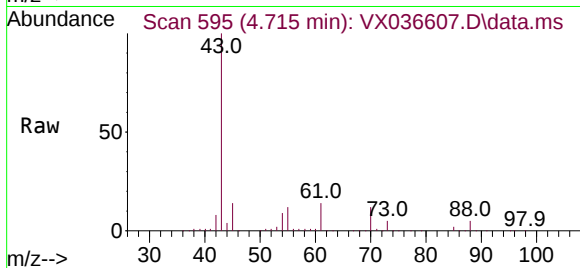
#37
Ethyl Acetate
Concen: 47.014 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123

Tgt Ion: 43 Resp: 19296
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 12.1 8.3 12.5

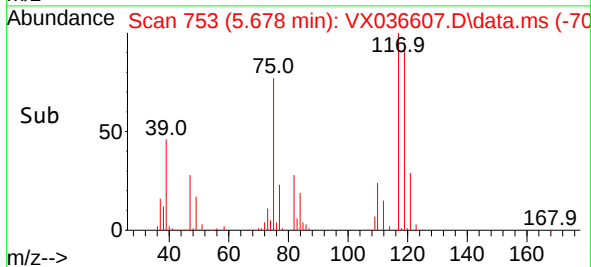
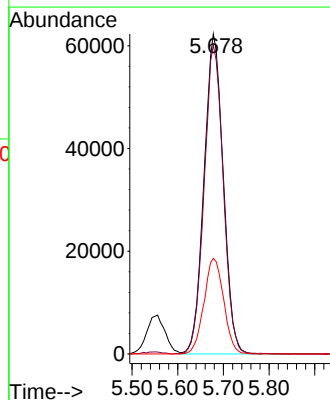
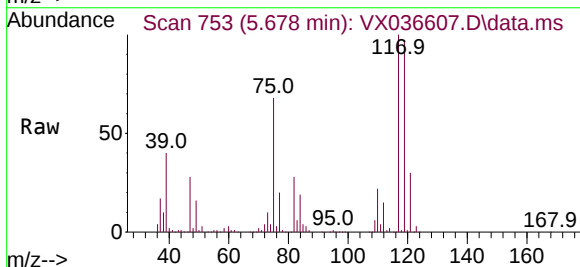
Manual Integrations
APPROVED

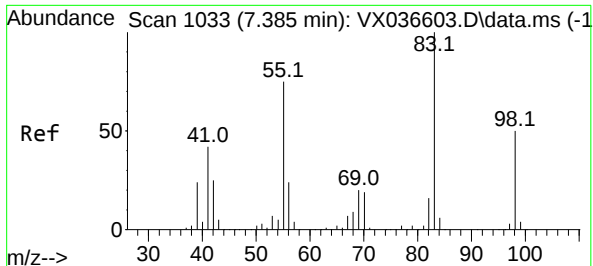
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 47.305 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion:117 Resp: 182376
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 29.9 24.4 36.6





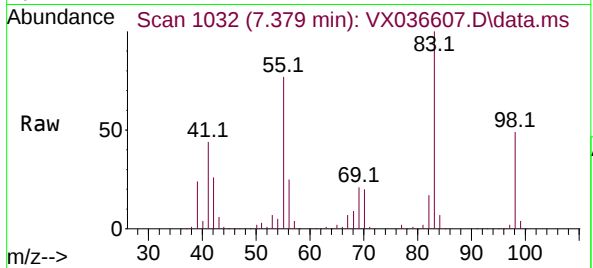
#39
Methylcyclohexane
Concen: 48.418 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVX072123



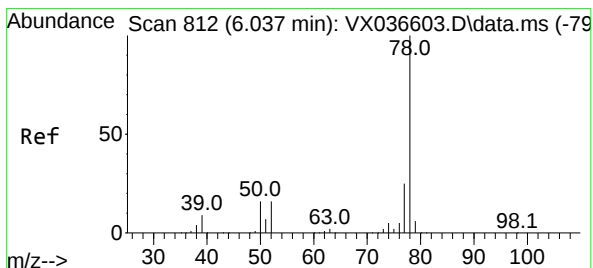
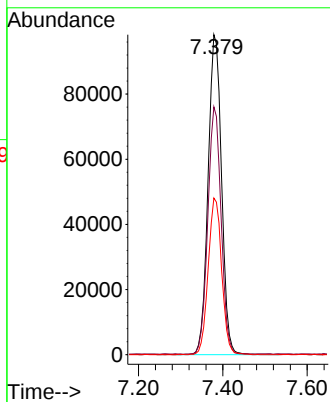
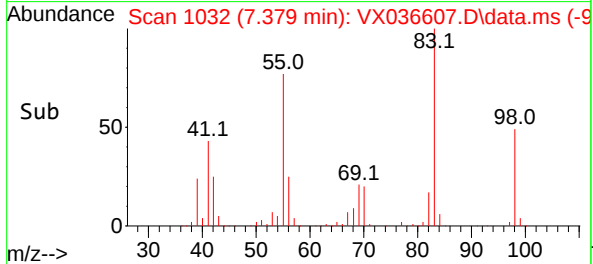
Tgt Ion: 83 Resp: 21832
Ion Ratio Lower Upper
83 100
55 77.3 64.6 97.0
98 48.9 36.7 55.1

Manual Integrations

APPROVED

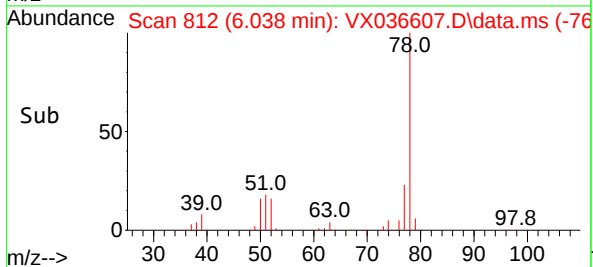
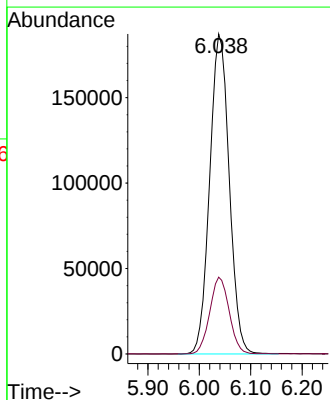
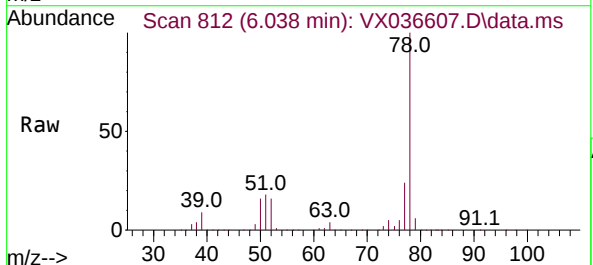
Reviewed By :John Carlone 07/24/2023

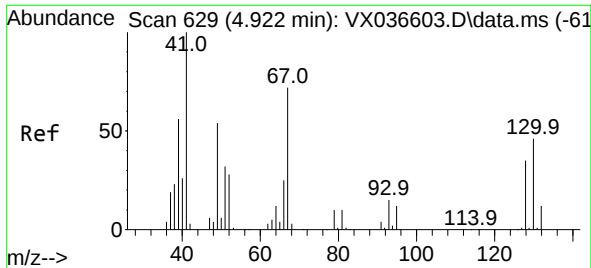
Supervised By :Mahesh Dadoda 07/24/2023



#40
Benzene
Concen: 46.819 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion: 78 Resp: 493969
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





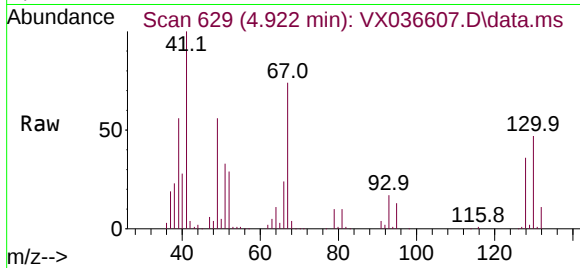
#41
Methacrylonitrile
Concen: 47.839 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123



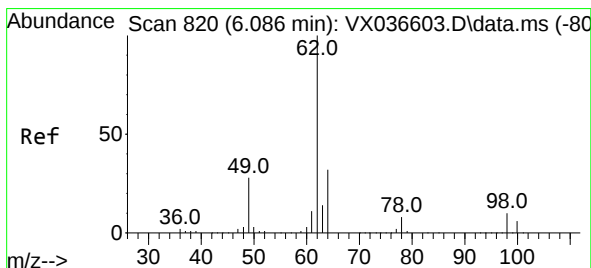
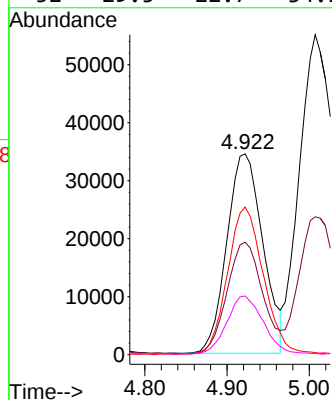
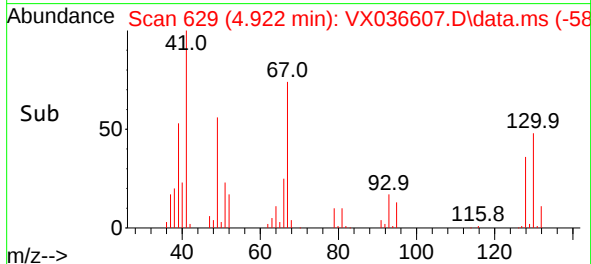
Tgt Ion: 41 Resp: 105018
Ion Ratio Lower Upper
41 100
39 54.9 45.2 67.8
67 73.0 52.6 78.8
52 29.5 22.7 34.1

Manual Integrations

APPROVED

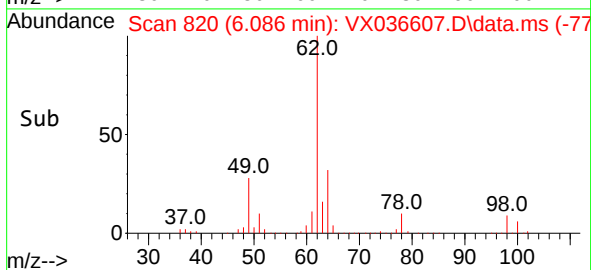
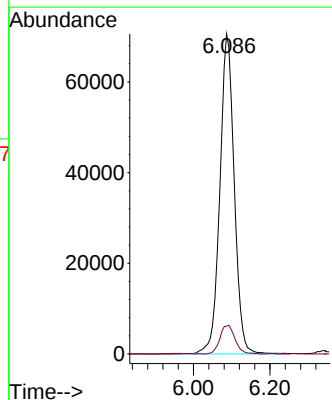
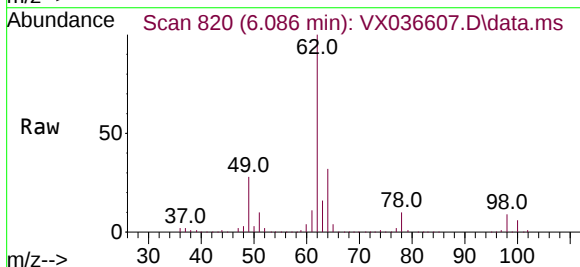
Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 47.809 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

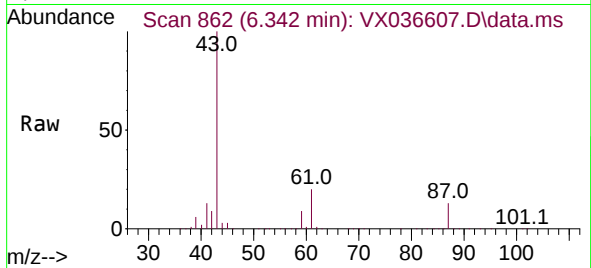
Tgt Ion: 62 Resp: 184422
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 46.630 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

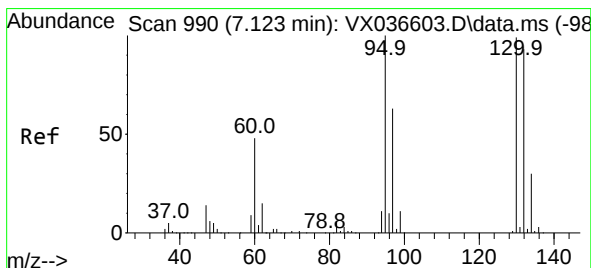
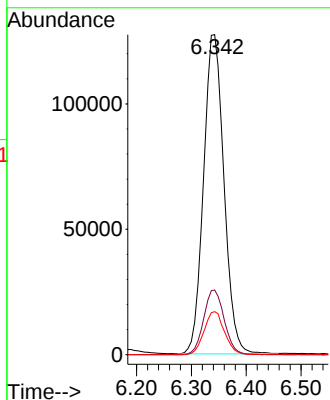
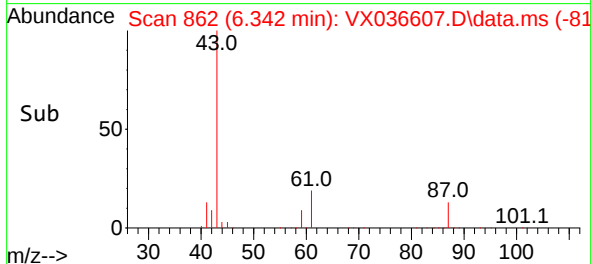
Instrument :
MSVOA_X
ClientSampleId :
ICVX072123



Tgt Ion: 43 Resp: 329450
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 13.5 9.8 14.6

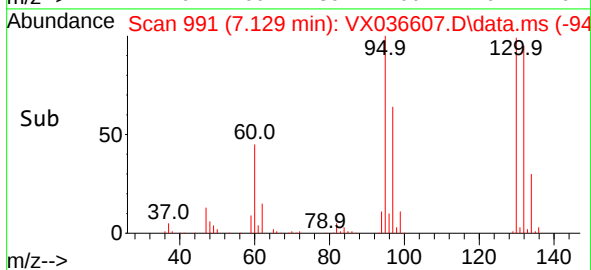
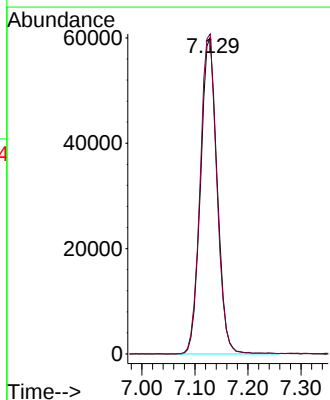
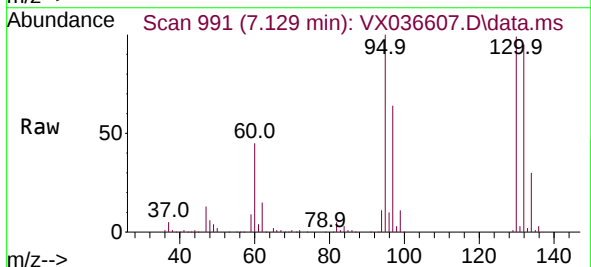
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 47.378 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion:130 Resp: 130661
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.129 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

Tgt Ion: 63 Resp: 132760

Ion Ratio Lower Upper

63 100

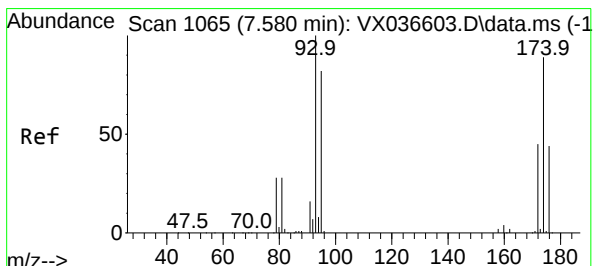
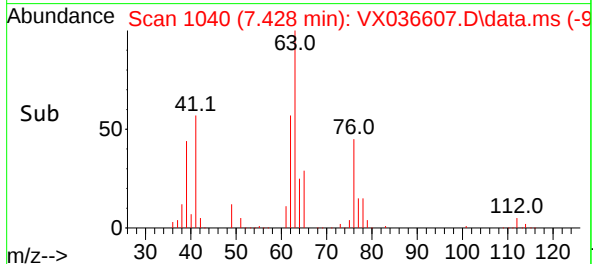
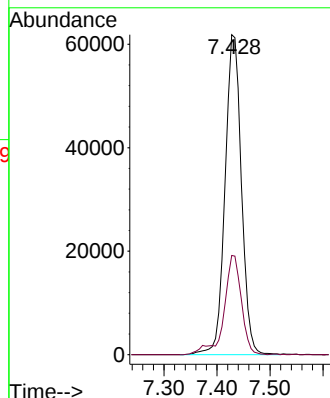
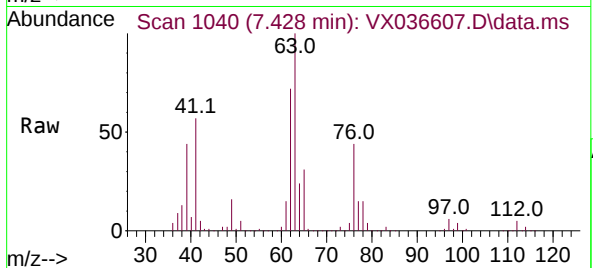
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 47.186 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

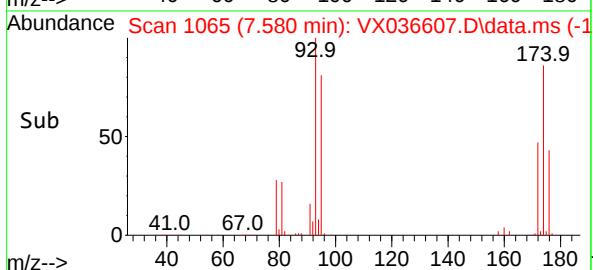
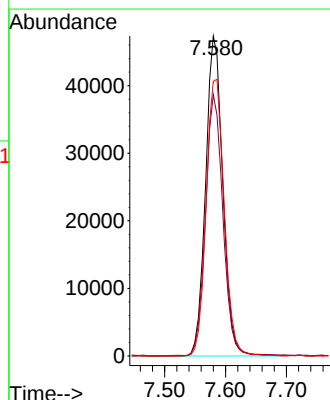
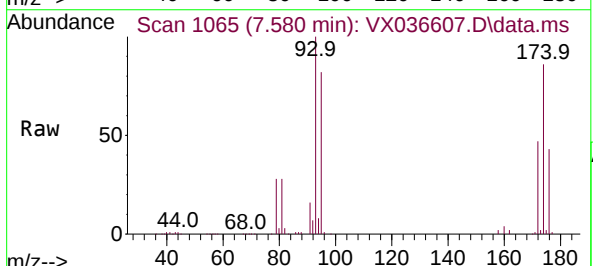
Tgt Ion: 93 Resp: 93026

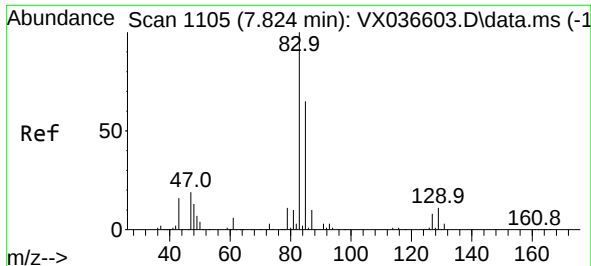
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

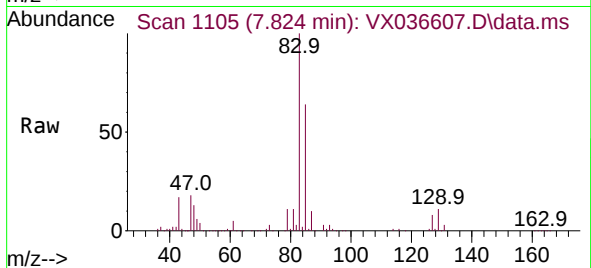
174 90.5 69.4 104.0





#47
Bromodichloromethane
Concen: 47.510 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

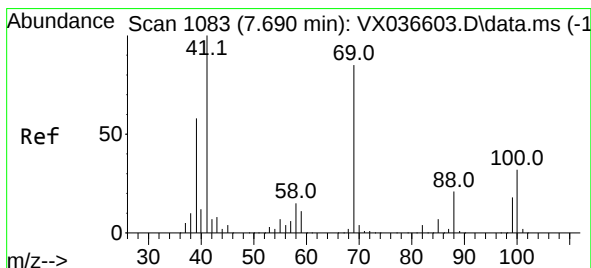
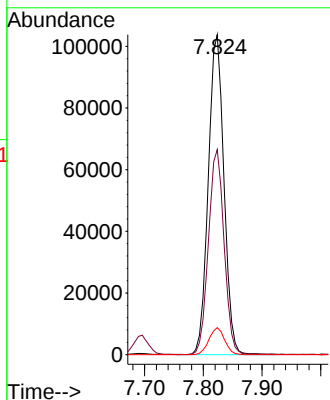
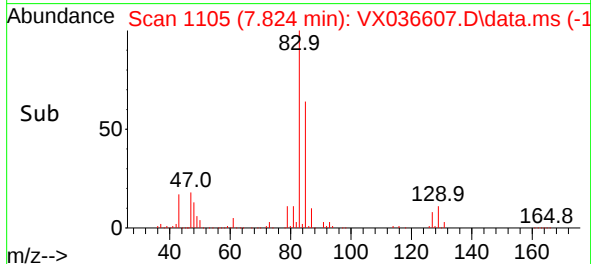
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



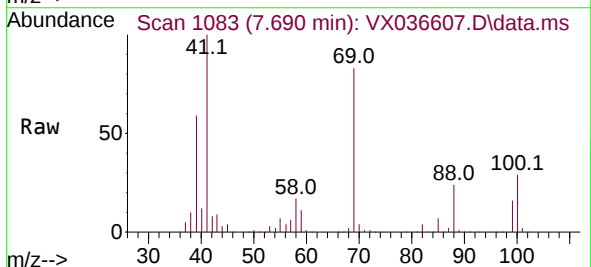
Tgt Ion: 83 Resp: 19226
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations
APPROVED

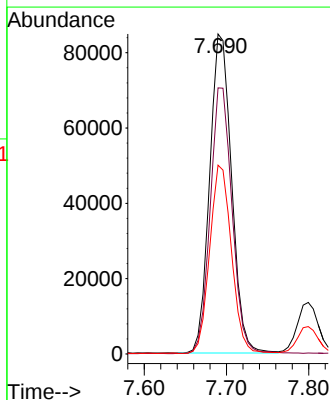
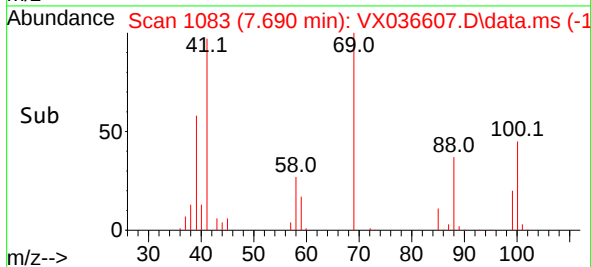
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

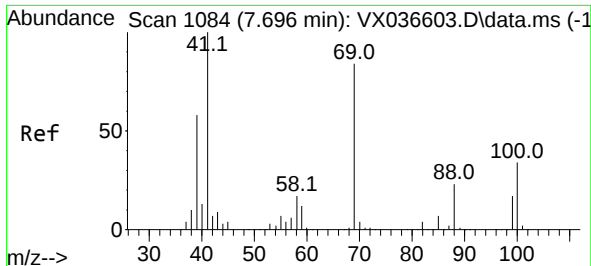


#48
Methyl methacrylate
Concen: 47.785 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



Tgt Ion: 41 Resp: 157009
Ion Ratio Lower Upper
41 100
69 83.4 59.2 88.8
39 58.5 47.7 71.5





#49

1,4-Dioxane

Concen: 910.904 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

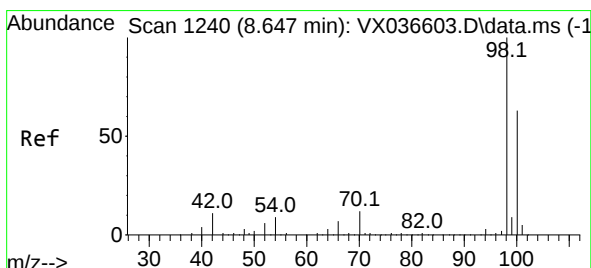
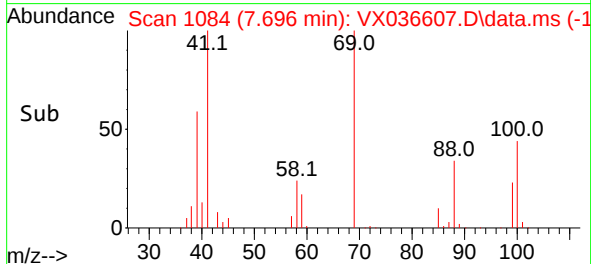
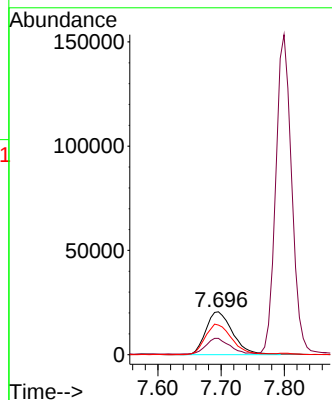
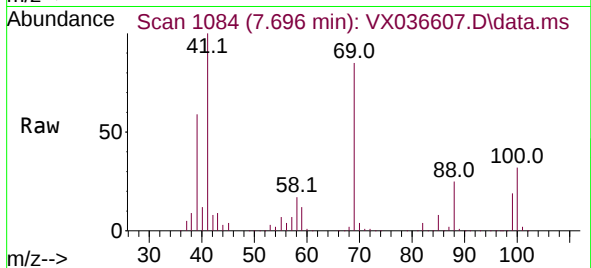
Tgt Ion: 88 Resp: 60464
 Ion Ratio Lower Upper
 88 100
 43 32.7 0.0 0.0
 58 70.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 47.345 ug/l

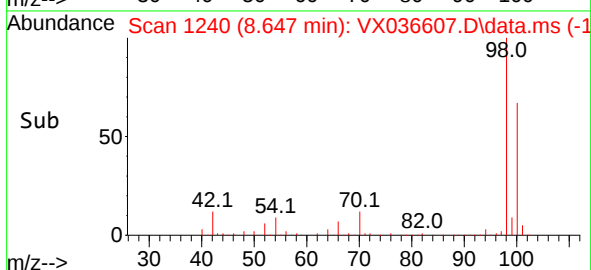
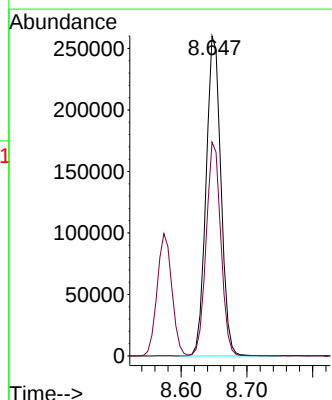
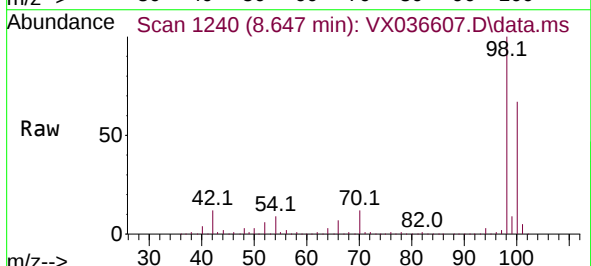
RT: 8.647 min Scan# 1240

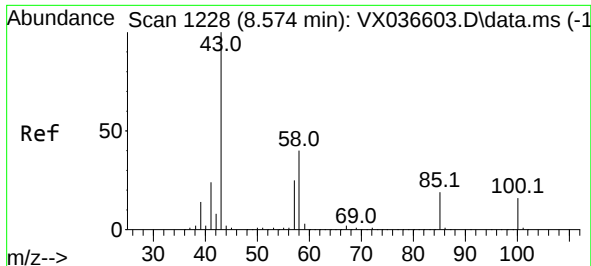
Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

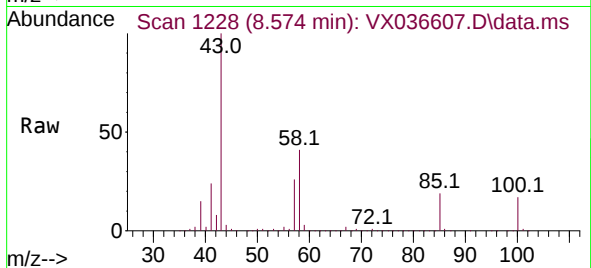
Tgt Ion: 98 Resp: 408485
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 238.062 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

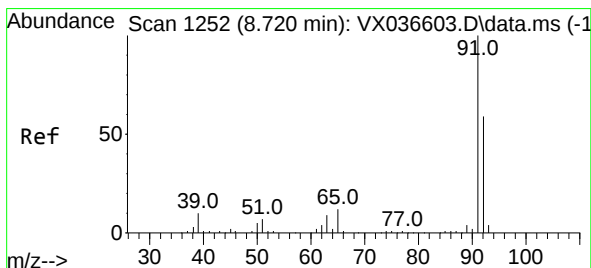
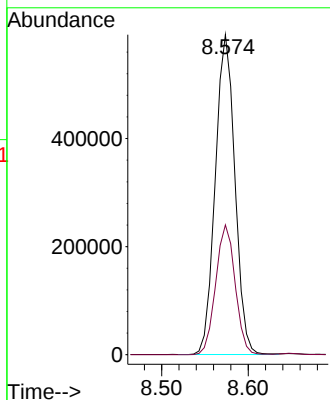
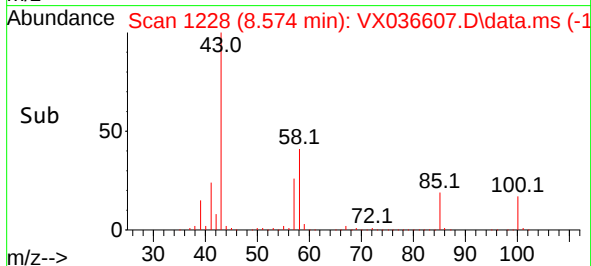
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion: 43 Resp: 93079
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6

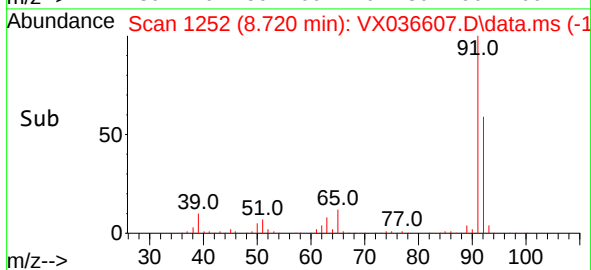
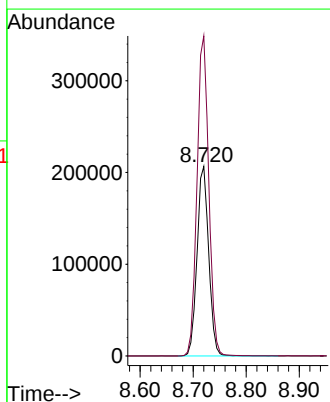
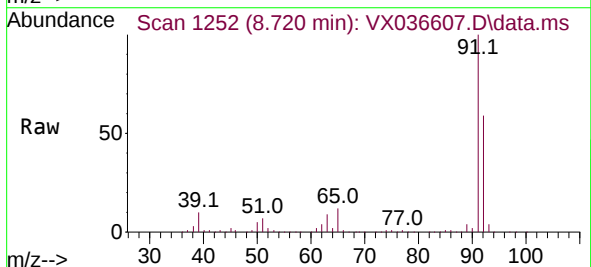
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 47.713 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion: 92 Resp: 315427
Ion Ratio Lower Upper
92 100
91 170.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 48.769 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

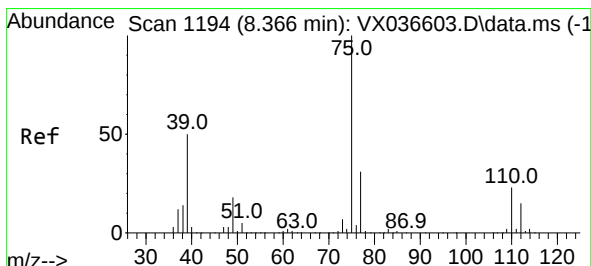
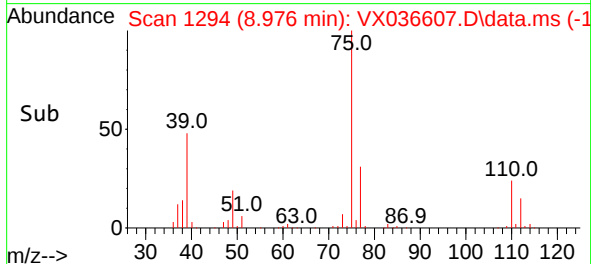
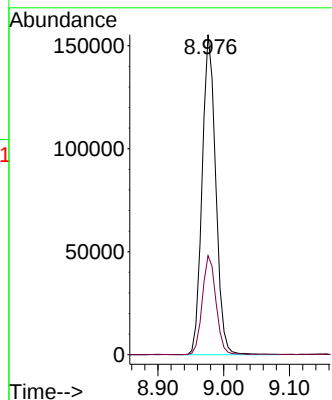
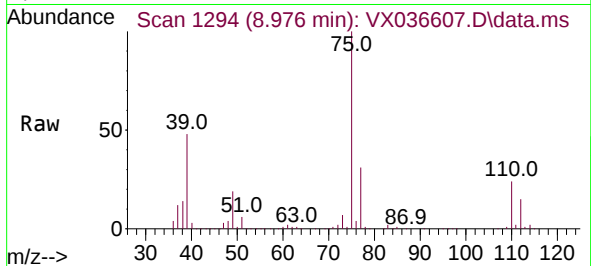
ICVVX072123

Tgt Ion: 75 Resp: 22306
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

Manual Integrations

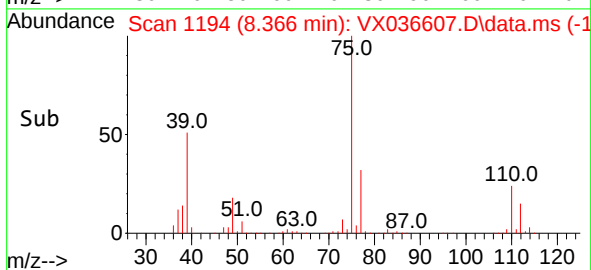
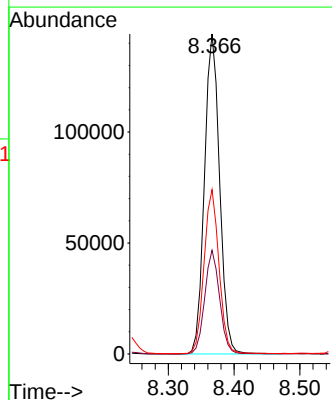
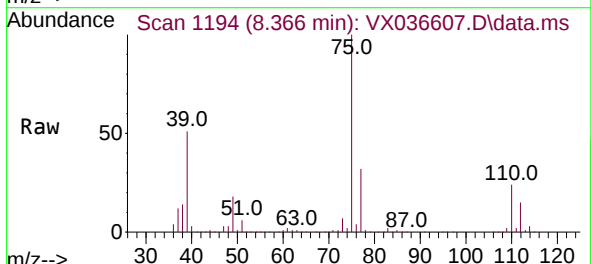
APPROVED

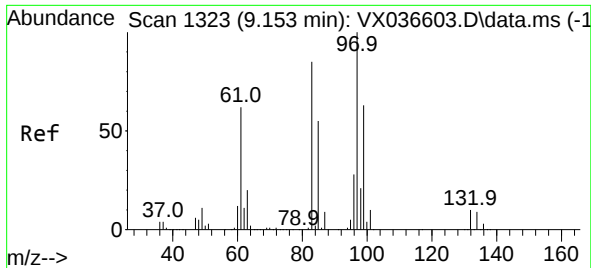
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#54
cis-1,3-Dichloropropene
Concen: 47.944 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

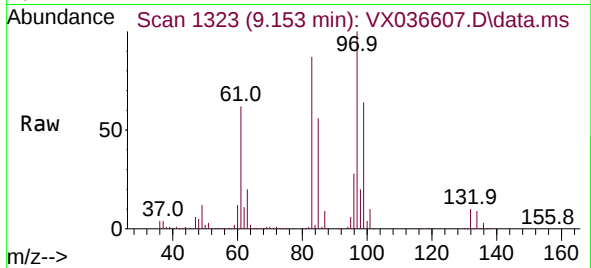
Tgt Ion: 75 Resp: 231398
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 51.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 45.939 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

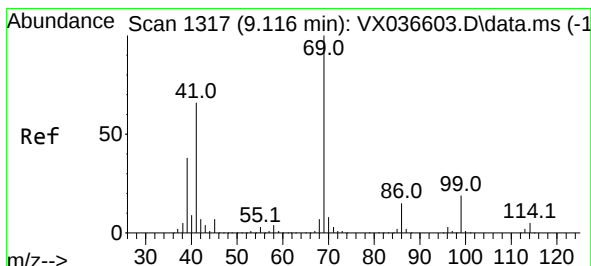
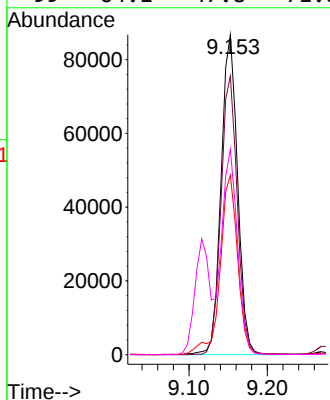
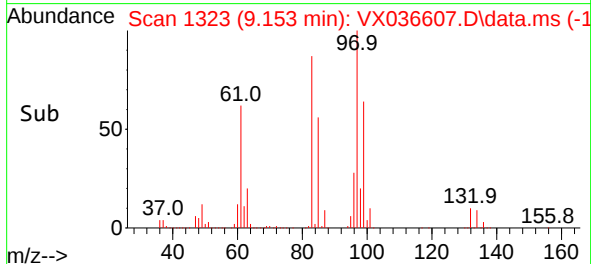
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



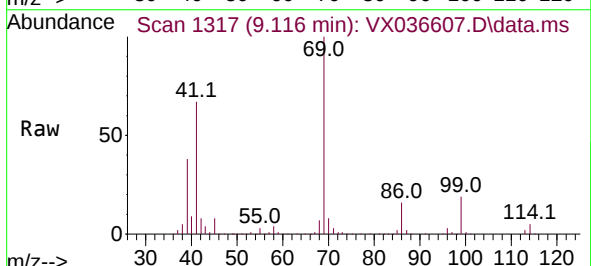
Tgt Ion: 97 Resp: 127662
Ion Ratio Lower Upper
97 100
83 87.0 65.8 98.8
85 56.1 41.6 62.4
99 64.1 47.8 71.8

Manual Integrations
APPROVED

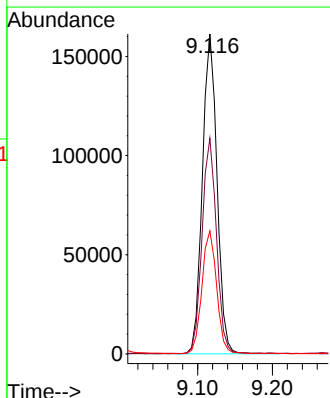
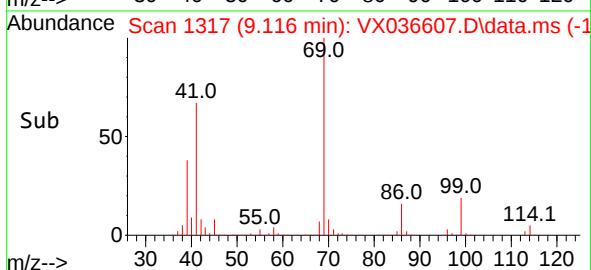
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

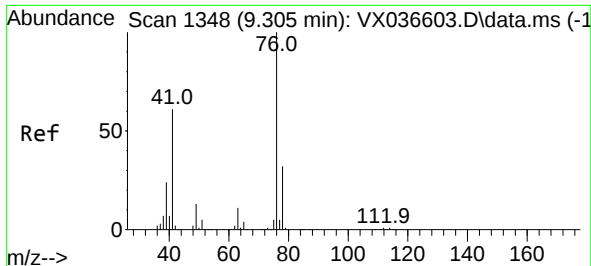


#56
Ethyl methacrylate
Concen: 48.395 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



Tgt Ion: 69 Resp: 218993
Ion Ratio Lower Upper
69 100
41 66.4 56.8 85.2
39 38.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.398 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVX072123

Tgt Ion: 76 Resp: 22401

Ion Ratio Lower Upper

76 100

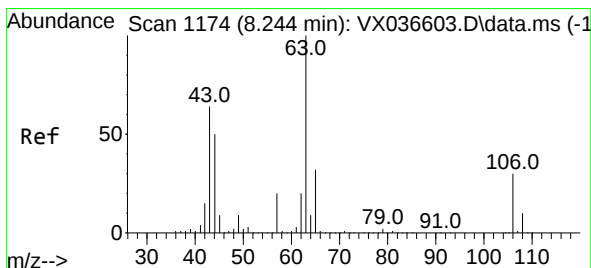
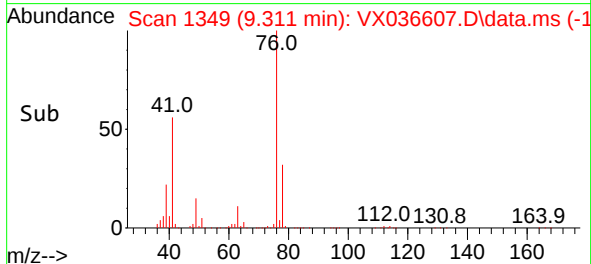
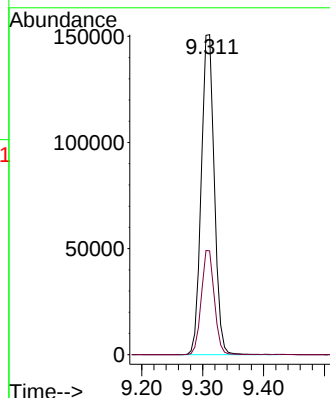
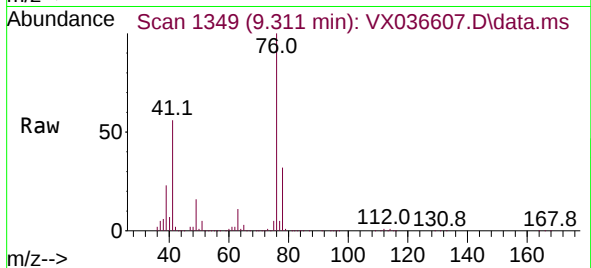
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 240.110 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036607.D

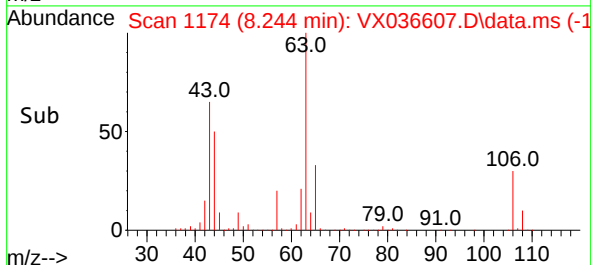
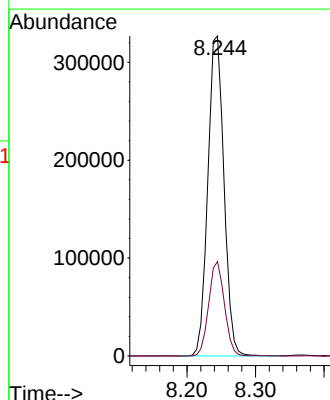
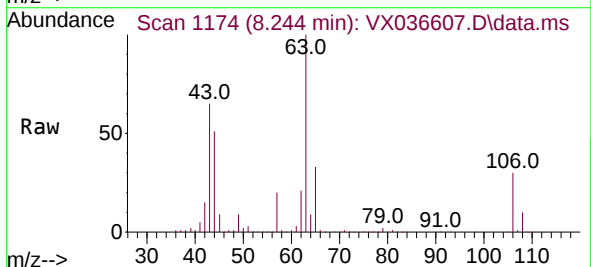
Acq: 21 Jul 2023 12:32

Tgt Ion: 63 Resp: 535366

Ion Ratio Lower Upper

63 100

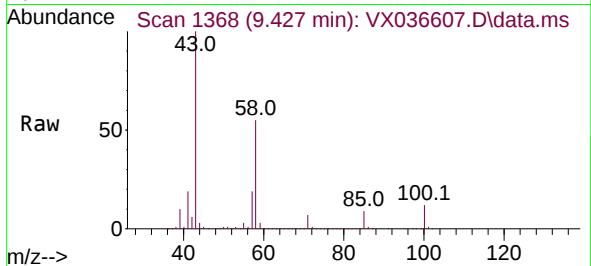
106 28.7 22.5 33.7





#59
2-Hexanone
Concen: 241.186 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

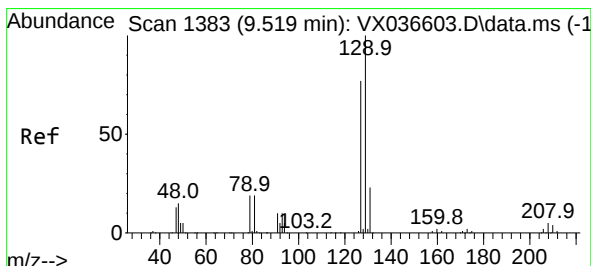
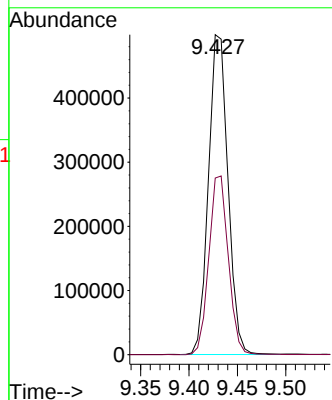
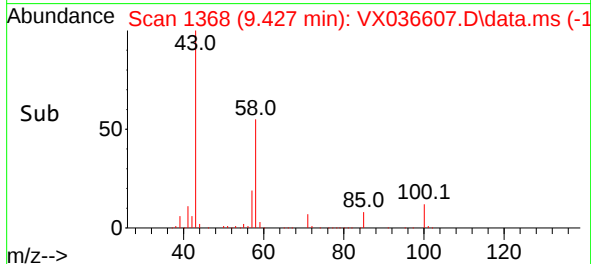
Instrument :
MSVOA_X
ClientSampleId :
ICVX072123



Tgt Ion: 43 Resp: 699872
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

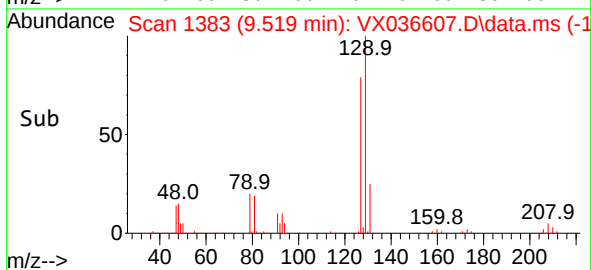
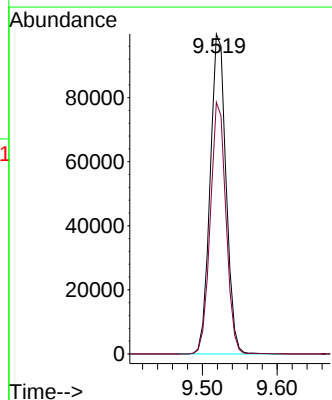
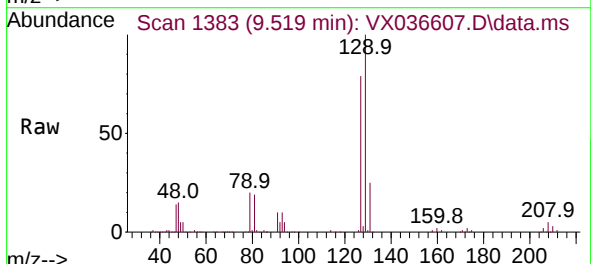
Manual Integrations
APPROVED

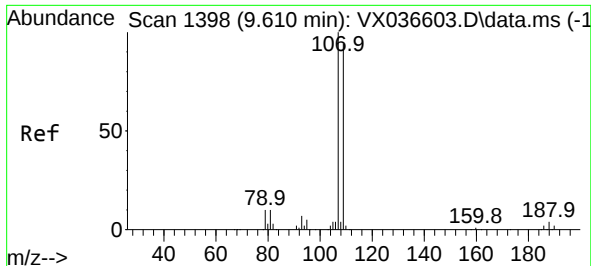
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 48.230 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

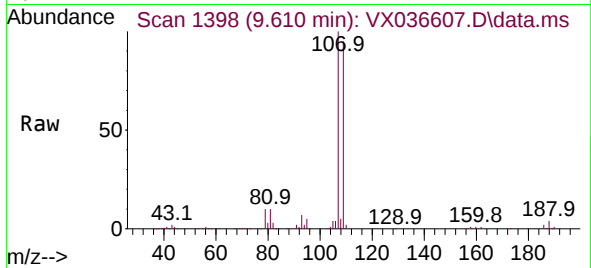
Tgt Ion:129 Resp: 147314
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.890 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

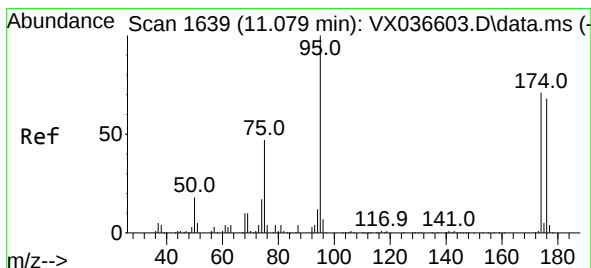
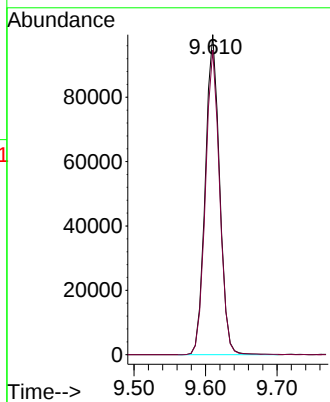
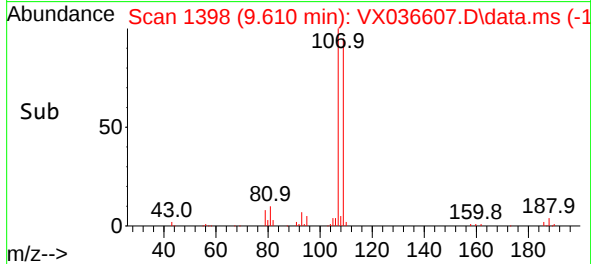
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion:107 Resp: 137928
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

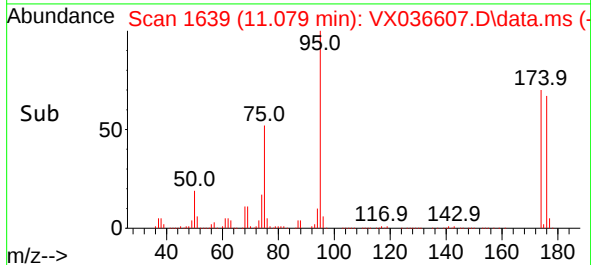
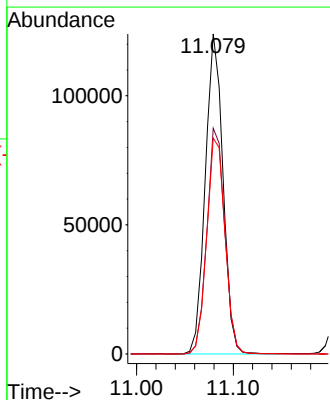
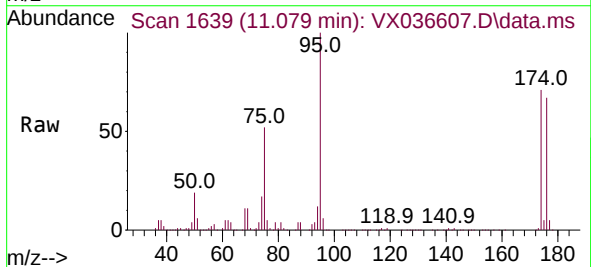
Manual Integrations
APPROVED

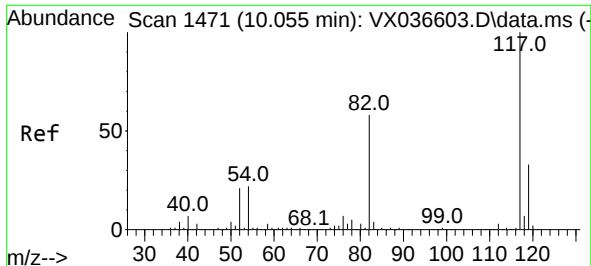
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#62
4-Bromofluorobenzene
Concen: 48.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

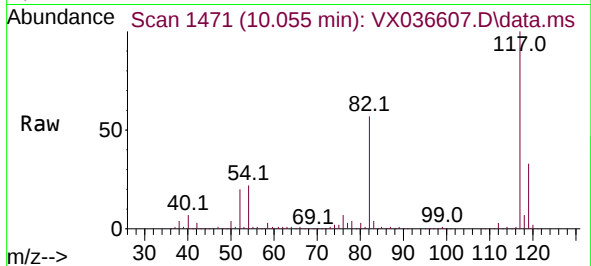
Tgt Ion: 95 Resp: 157739
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 69.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

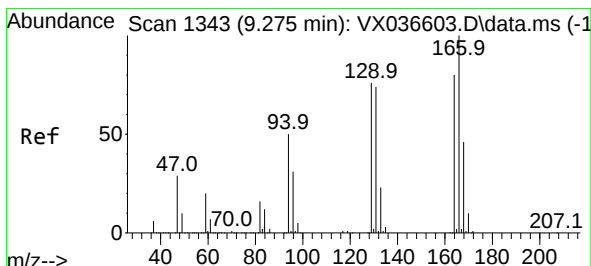
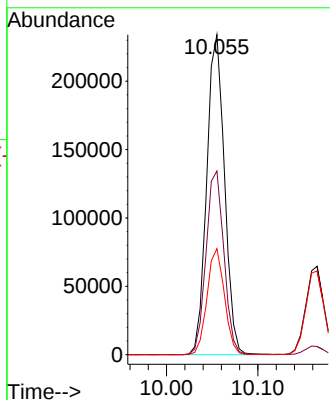
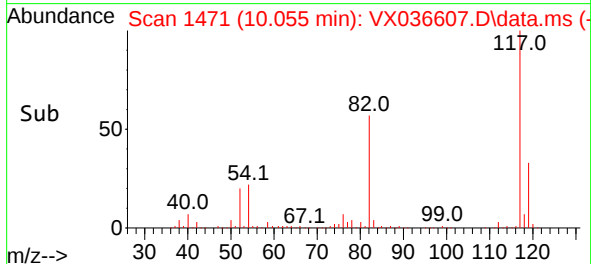
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion:117 Resp: 31530
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 33.1 25.5 38.3

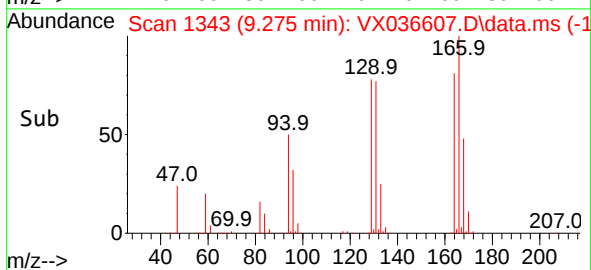
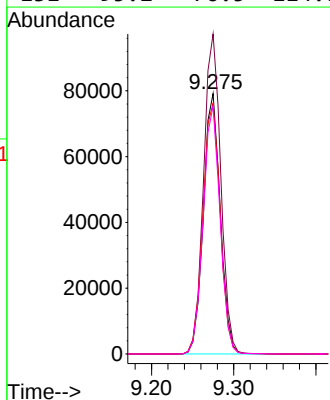
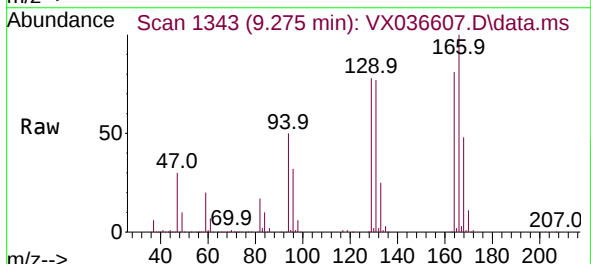
Manual Integrations
APPROVED

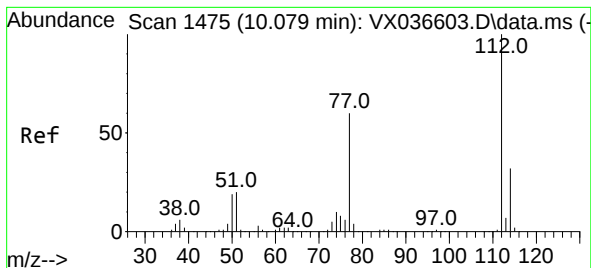
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 47.979 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

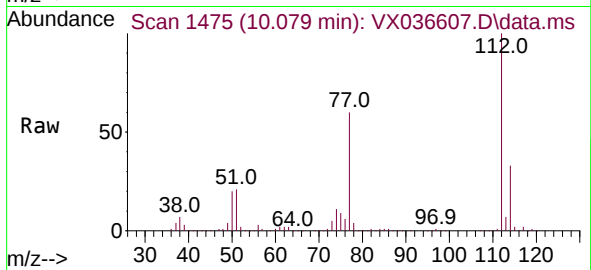
Tgt Ion:164 Resp: 112837
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 96.3 80.4 120.6
131 95.2 76.5 114.7





#65
Chlorobenzene
Concen: 48.372 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

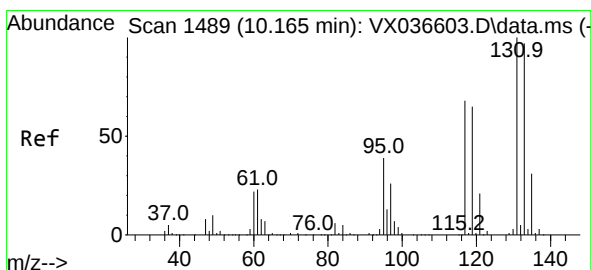
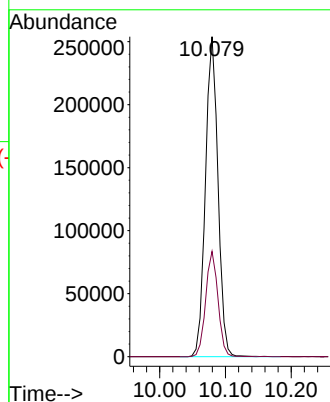
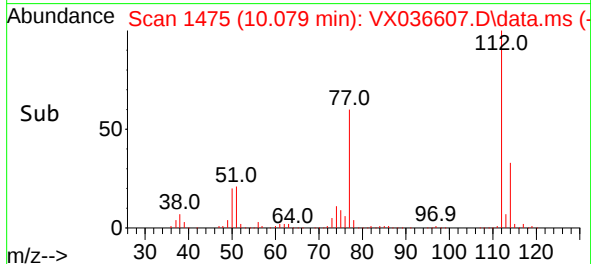
Instrument :
MSVOA_X
ClientSampleId :
ICVXX072123



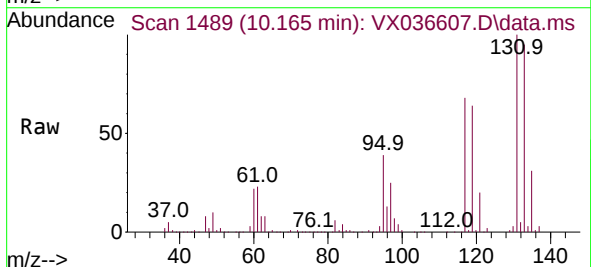
Tgt Ion:112 Resp: 336194
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

Manual Integrations
APPROVED

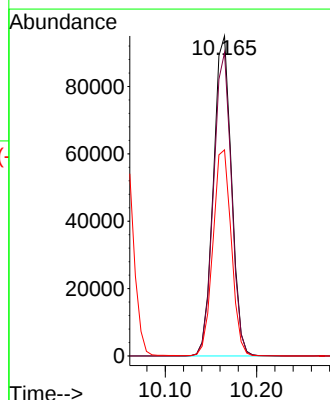
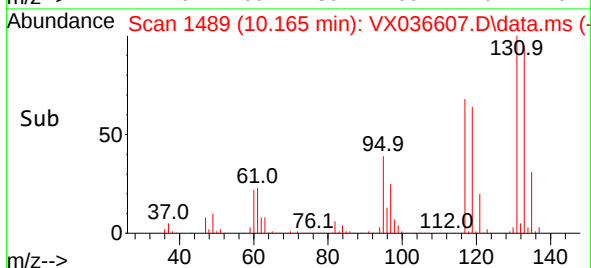
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

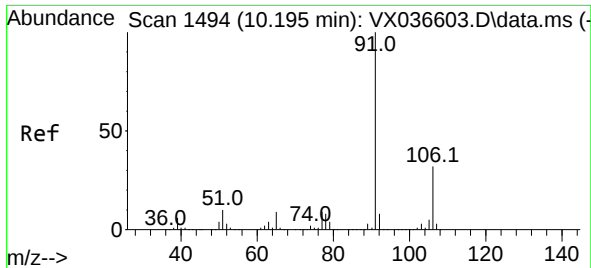


#66
1,1,1,2-Tetrachloroethane
Concen: 48.451 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



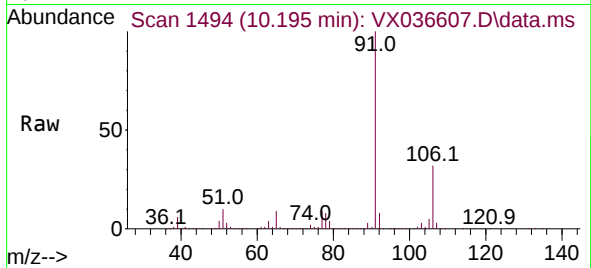
Tgt Ion:131 Resp: 130156
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 48.186 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

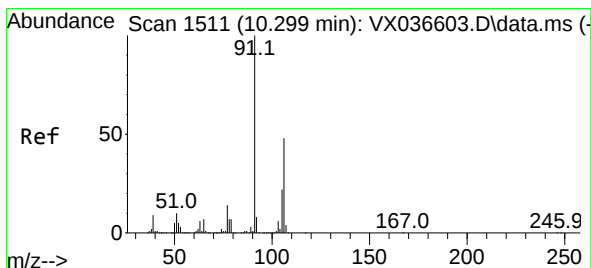
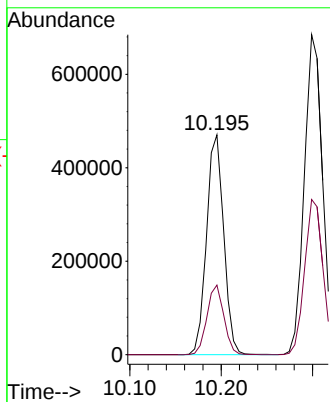
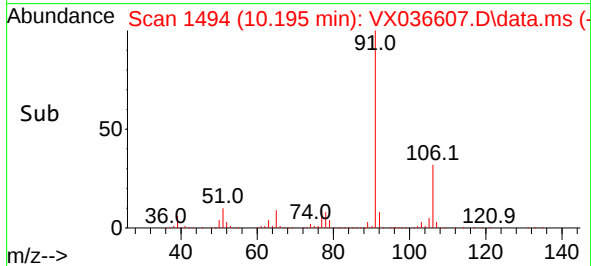
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



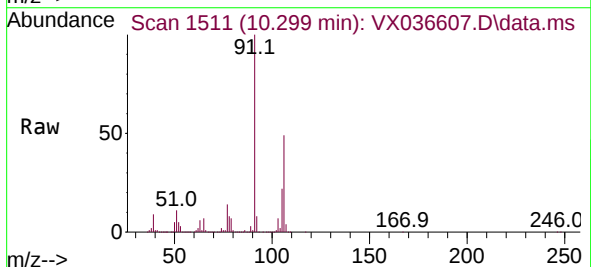
Tgt Ion: 91 Resp: 611802
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

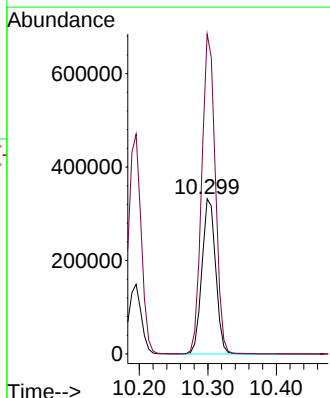
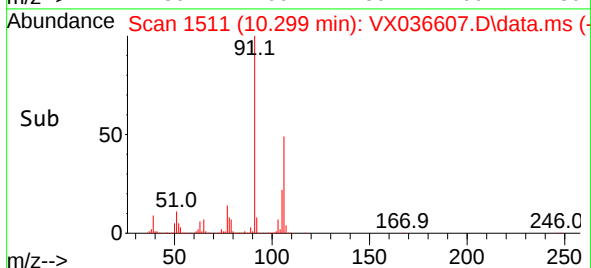
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

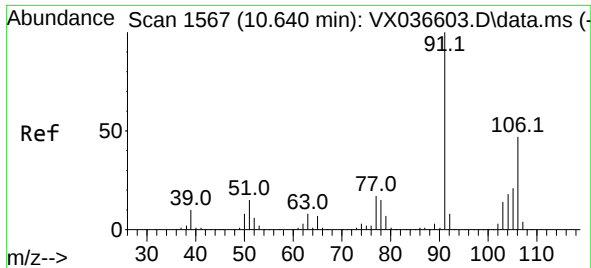


#68
m/p-Xylenes
Concen: 97.679 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



Tgt Ion:106 Resp: 462733
Ion Ratio Lower Upper
106 100
91 204.5 165.5 248.3





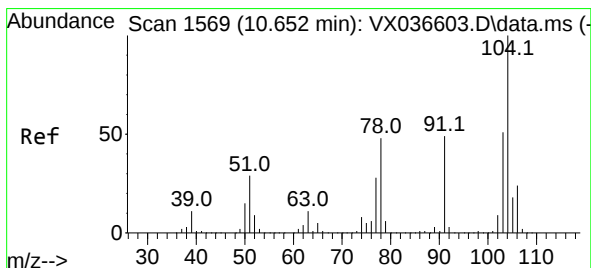
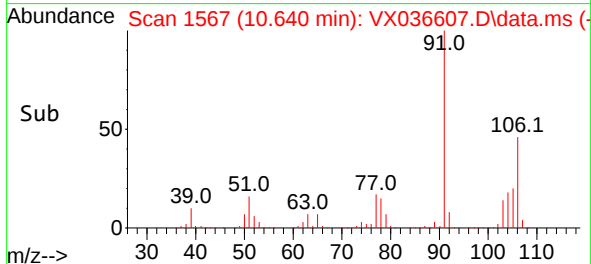
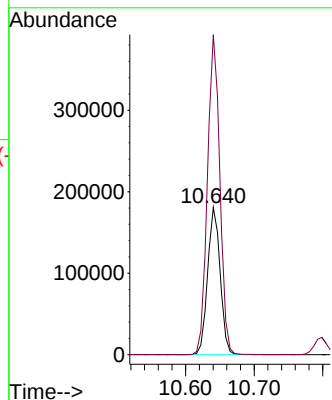
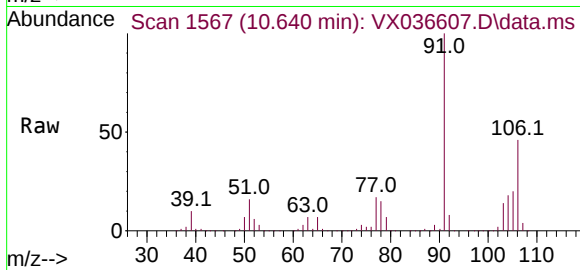
#69
o-Xylene
Concen: 48.575 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123

Tgt Ion:106 Resp: 229694
Ion Ratio Lower Upper
106 100
91 215.5 108.9 326.8

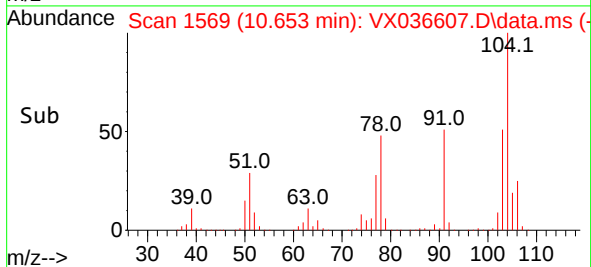
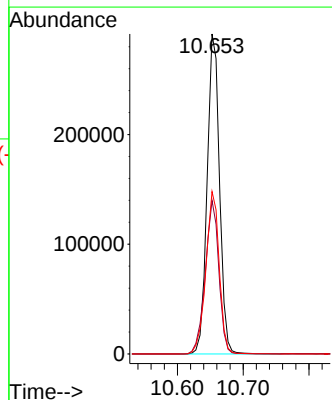
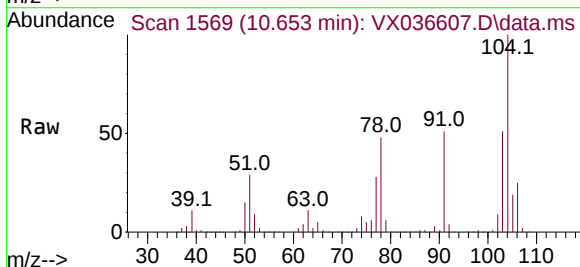
Manual Integrations
APPROVED

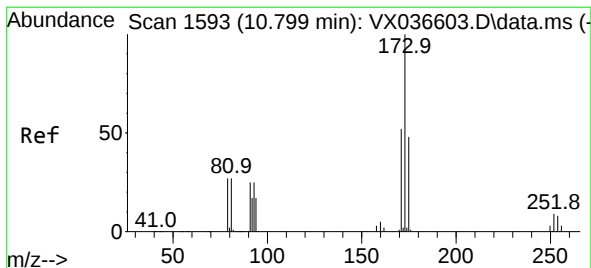
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 48.959 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion:104 Resp: 381956
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 49.364 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

Tgt Ion:173 Resp: 107344

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

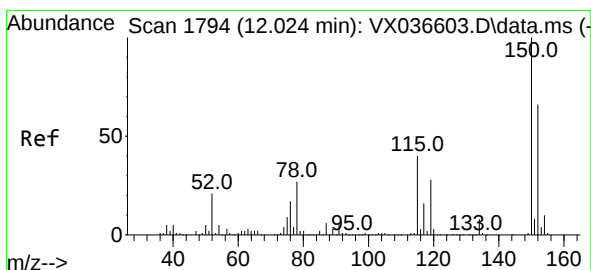
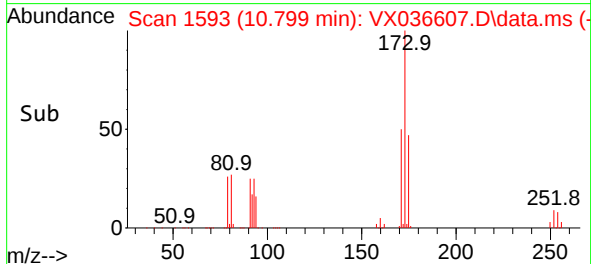
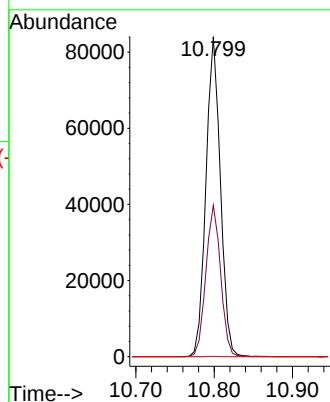
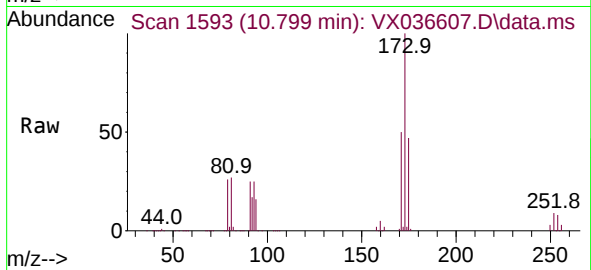
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

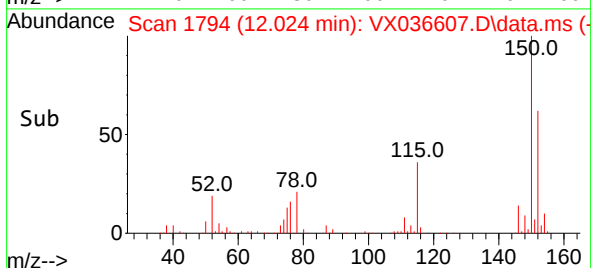
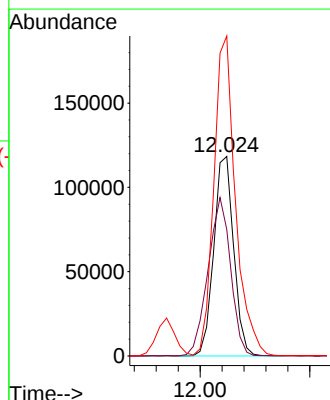
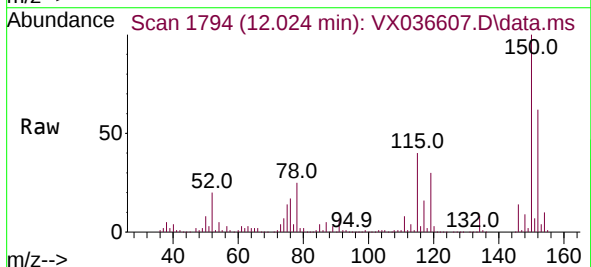
Tgt Ion:152 Resp: 149190

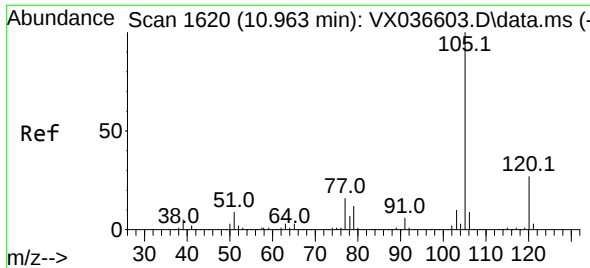
Ion Ratio Lower Upper

152 100

115 90.3 43.3 129.9

150 173.6 0.0 345.0





#73
Isopropylbenzene
Concen: 48.269 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

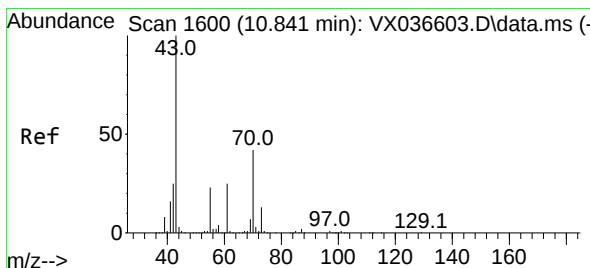
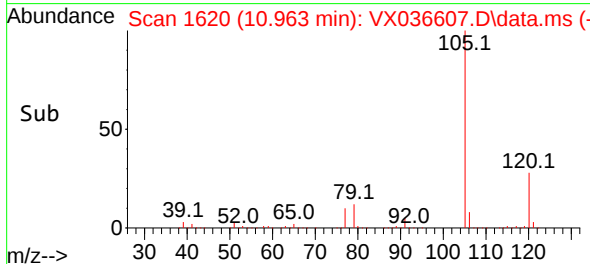
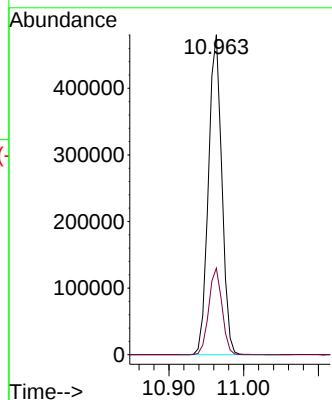
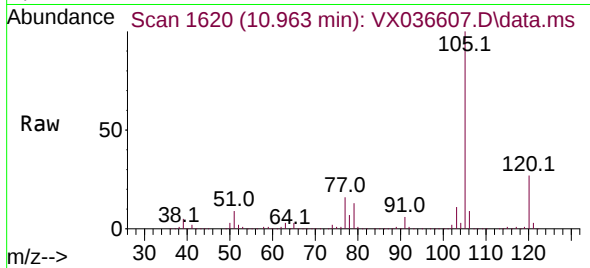
ClientSampleId :

ICVVX072123

Tgt Ion:105 Resp: 59596
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

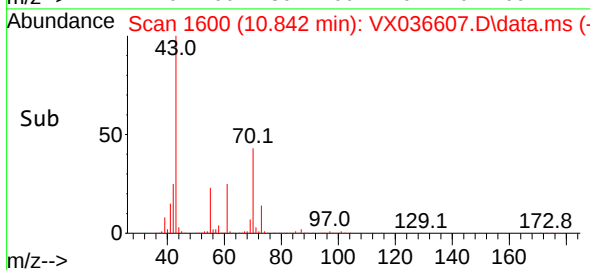
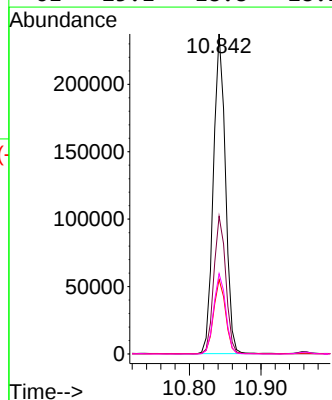
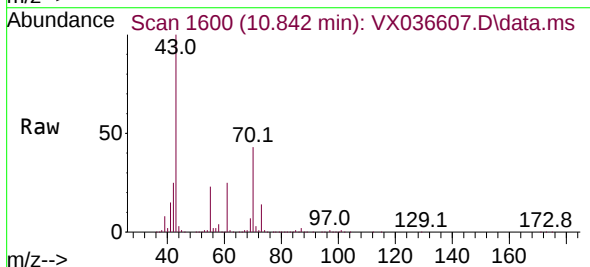
Manual Integrations
APPROVED

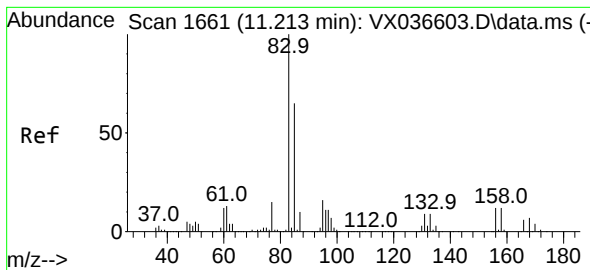
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#74
N-ethyl acetate
Concen: 48.114 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

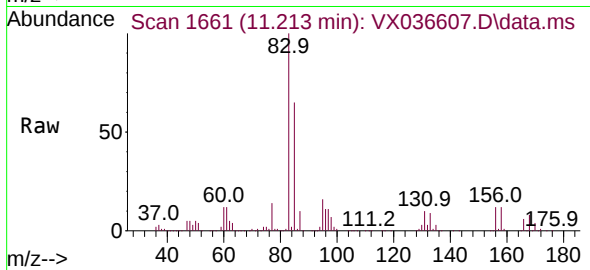
Tgt Ion: 43 Resp: 277022
Ion Ratio Lower Upper
43 100
70 43.0 32.9 49.3
55 22.9 19.3 28.9
61 25.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.688 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

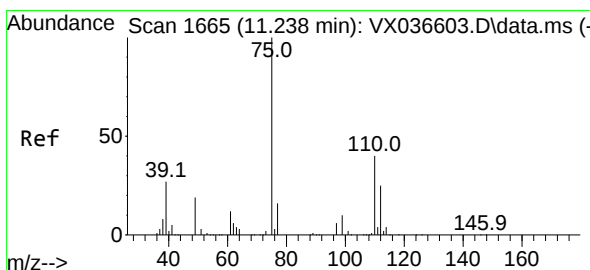
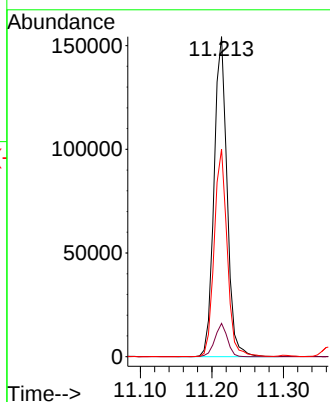
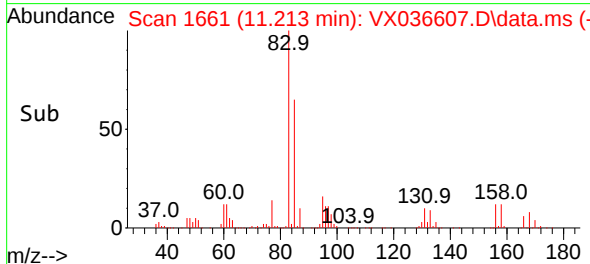
Instrument :
MSVOA_X
ClientSampleId :
ICVX072123



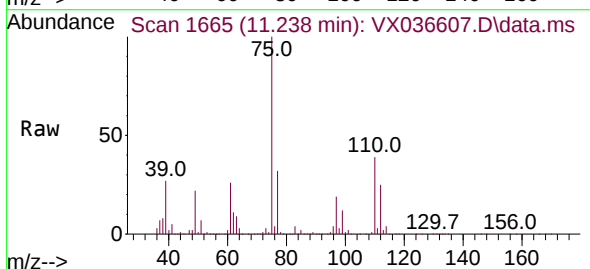
Tgt Ion: 83 Resp: 194698
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.7 32.0 96.2

Manual Integrations
APPROVED

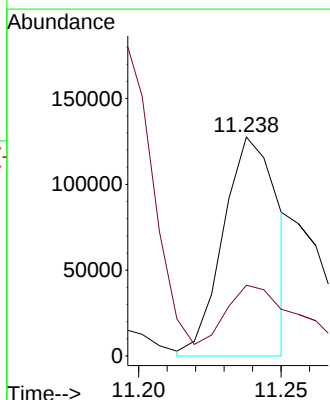
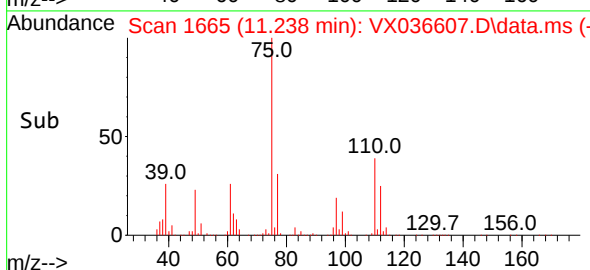
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 48.284 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



Tgt Ion: 75 Resp: 169434
Ion Ratio Lower Upper
75 100
77 44.9 19.1 57.5





#77

Bromobenzene

Concen: 48.879 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

Tgt Ion:156 Resp: 137438

Ion Ratio Lower Upper

156 100

77 173.2 88.4 265.3

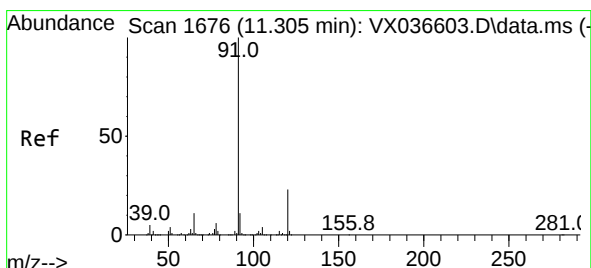
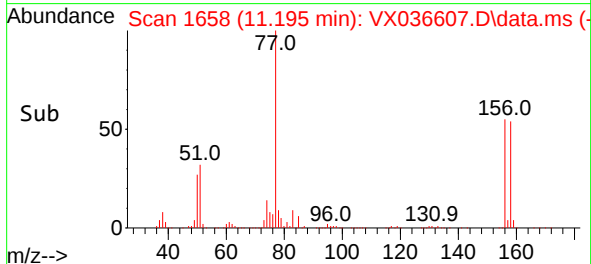
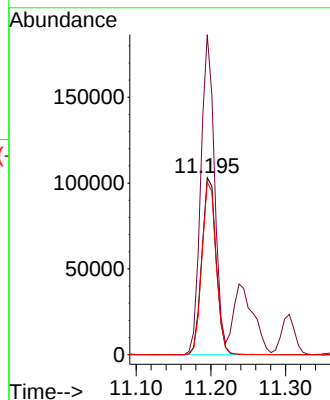
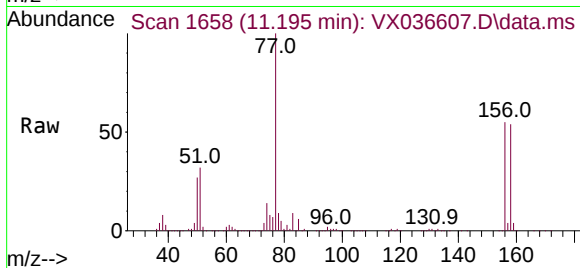
158 96.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 49.201 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036607.D

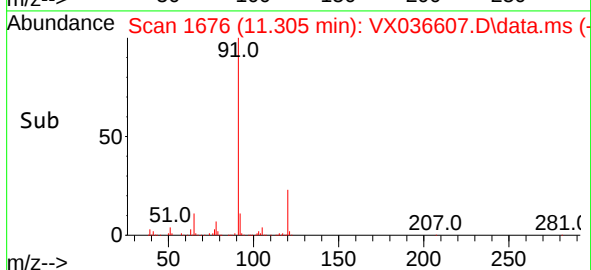
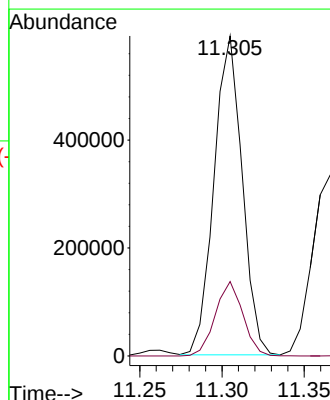
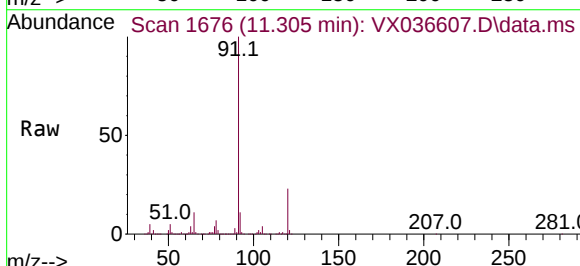
Acq: 21 Jul 2023 12:32

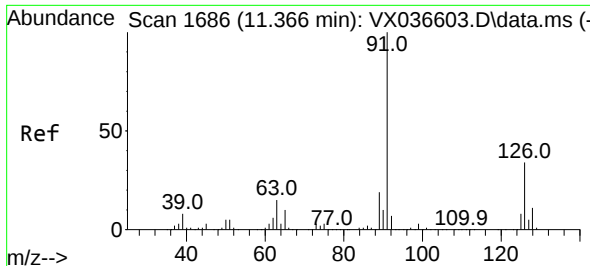
Tgt Ion: 91 Resp: 702547

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.202 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

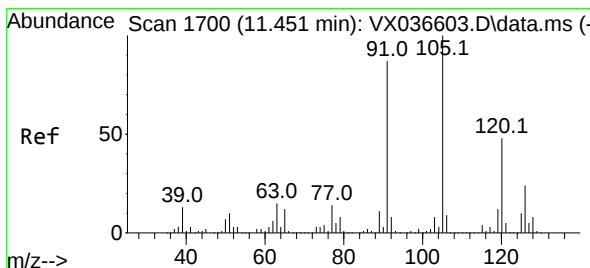
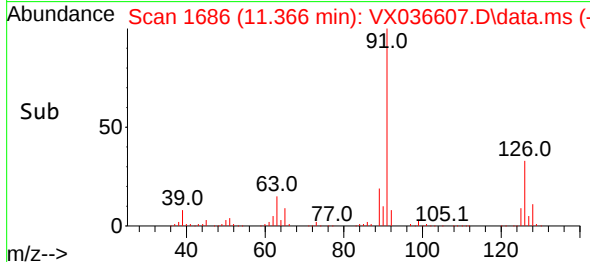
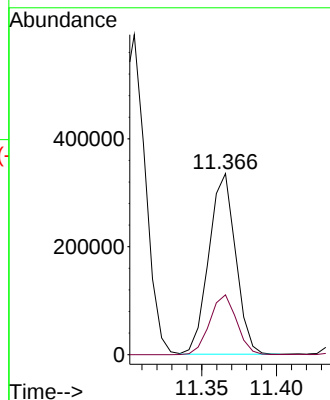
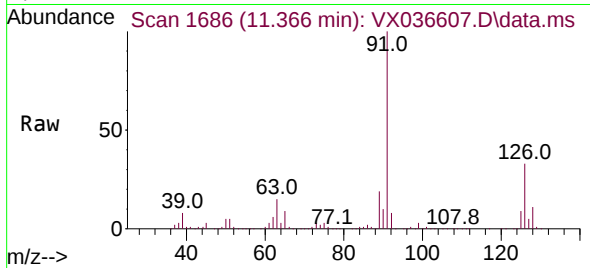
ICVVX072123

Tgt Ion: 91 Resp: 41707
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

Manual Integrations

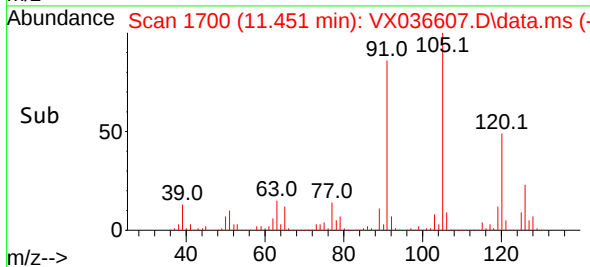
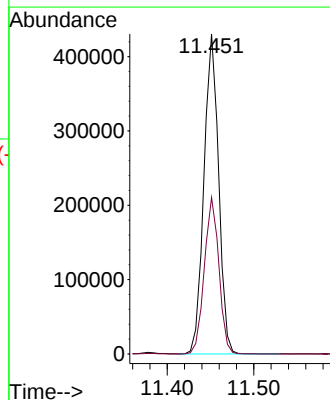
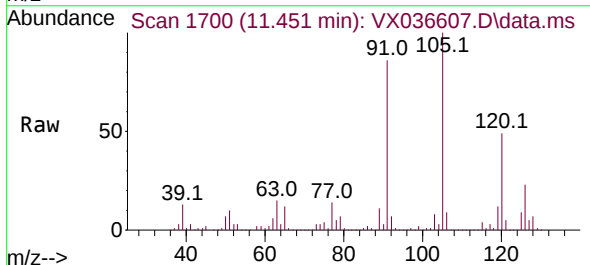
APPROVED

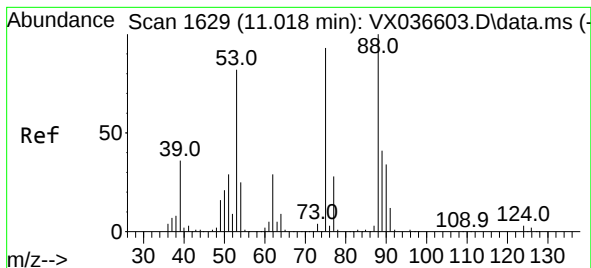
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.954 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

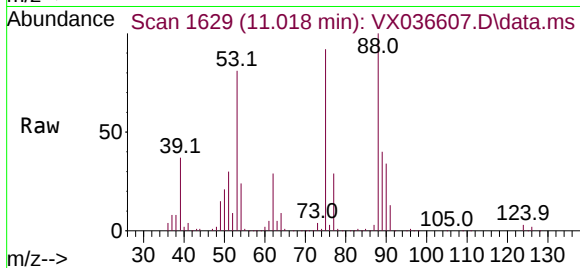
Tgt Ion:105 Resp: 505651
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.420 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

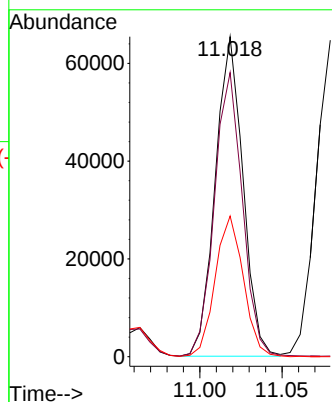
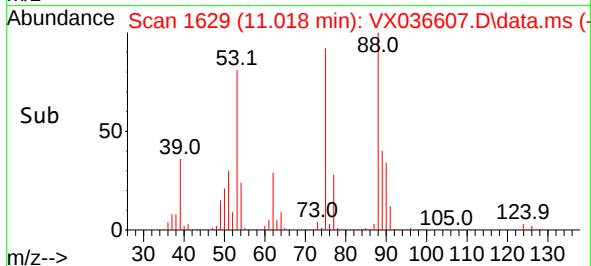
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



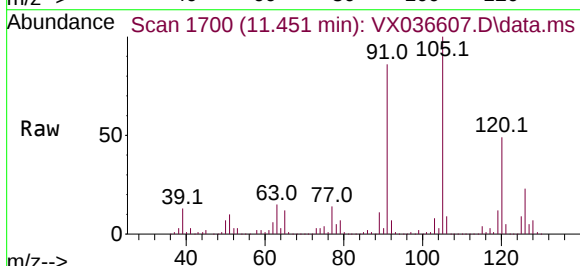
Tgt Ion: 75 Resp: 76512
Ion Ratio Lower Upper
75 100
53 89.5 90.5 135.7
89 44.9 36.9 55.3

Manual Integrations
APPROVED

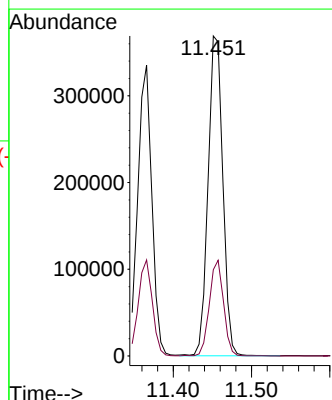
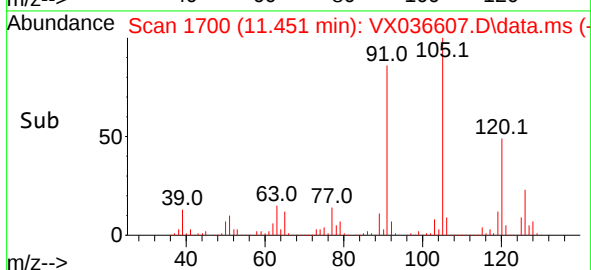
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 48.795 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



Tgt Ion: 91 Resp: 481059
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.397 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

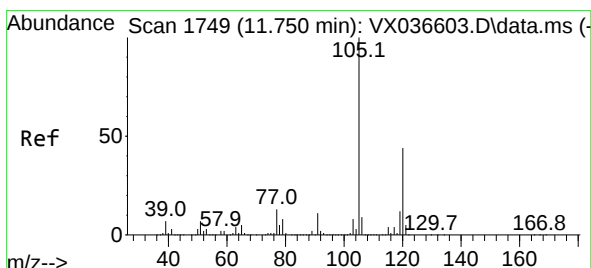
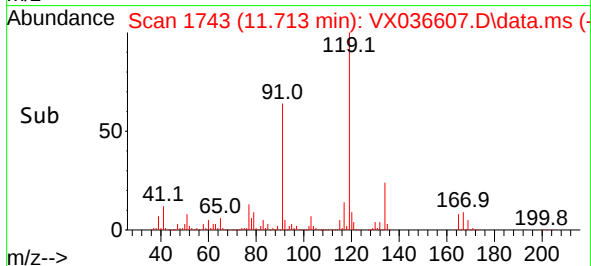
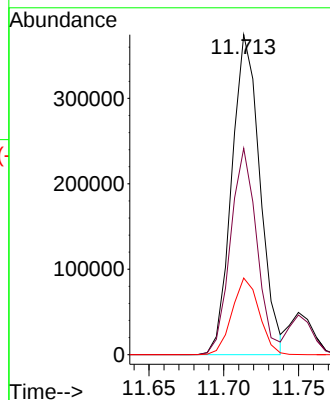
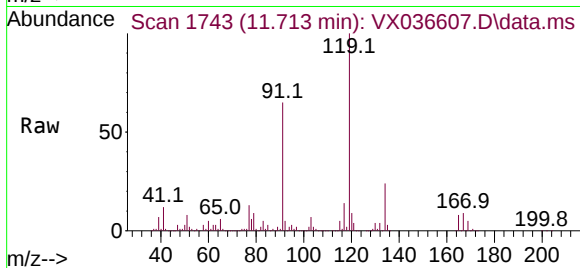
Tgt Ion:119 Resp: 491087
 Ion Ratio Lower Upper
 119 100
 91 60.6 31.2 93.6
 134 23.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 48.873 ug/l

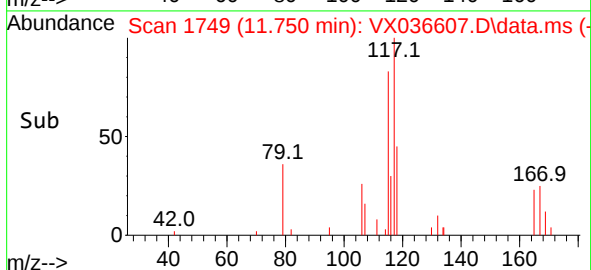
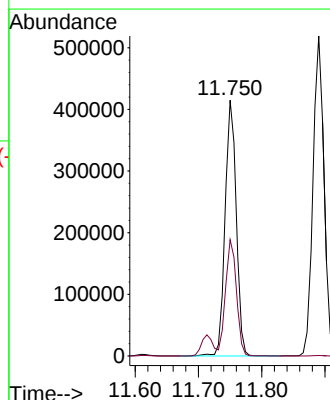
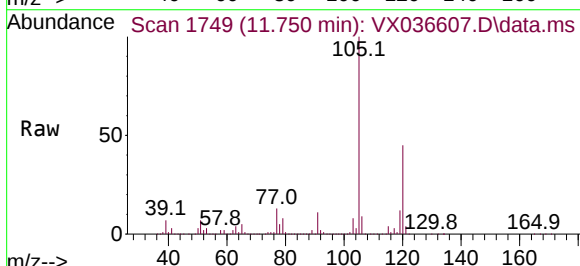
RT: 11.750 min Scan# 1749

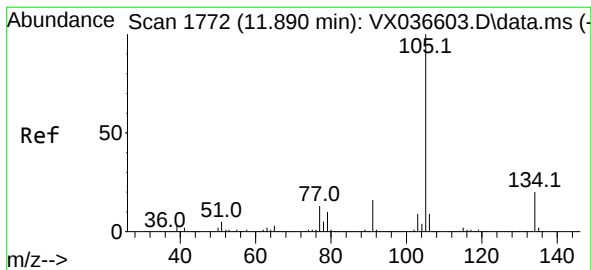
Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

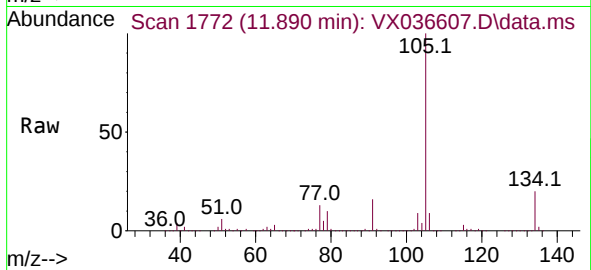
Tgt Ion:105 Resp: 504847
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.485 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036607.D
 Acq: 21 Jul 2023 12:32

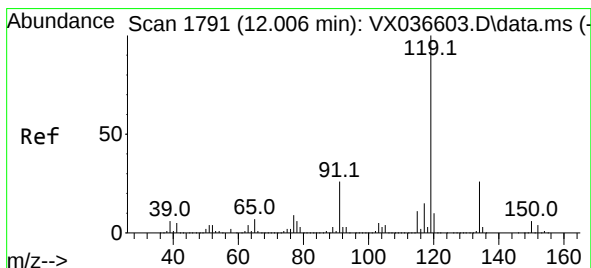
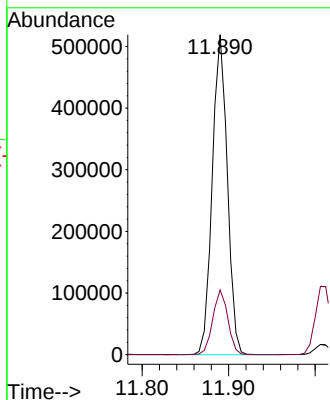
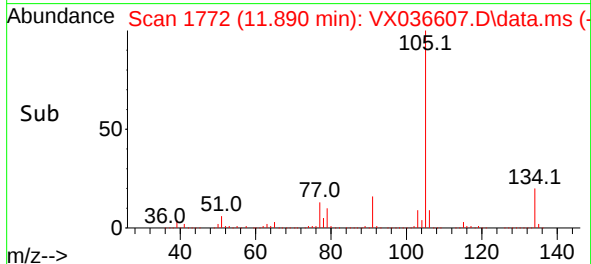
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072123



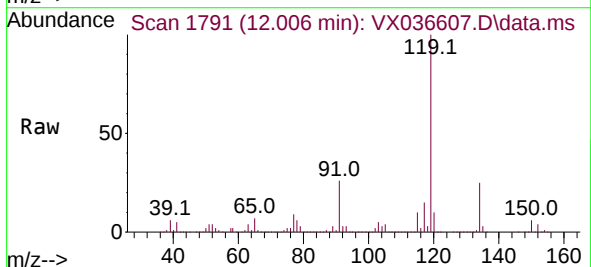
Tgt Ion:105 Resp: 626210
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
 APPROVED

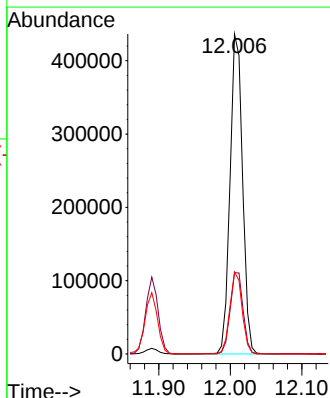
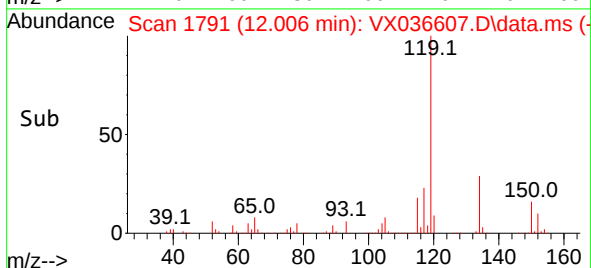
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

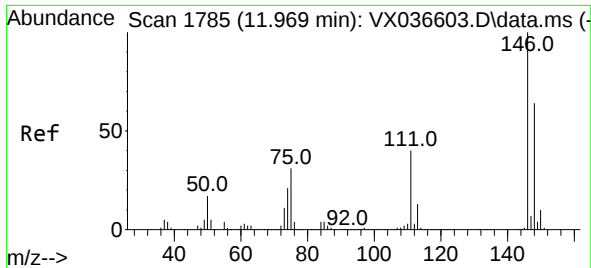


#86
 p-Isopropyltoluene
 Concen: 50.854 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036607.D
 Acq: 21 Jul 2023 12:32



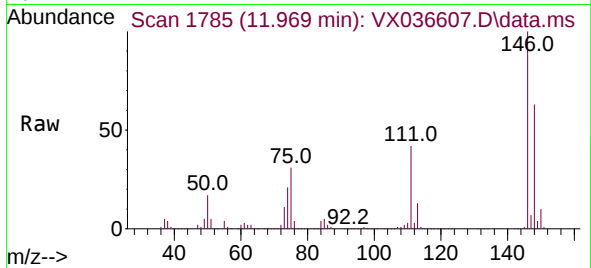
Tgt Ion:119 Resp: 529525
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 49.594 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

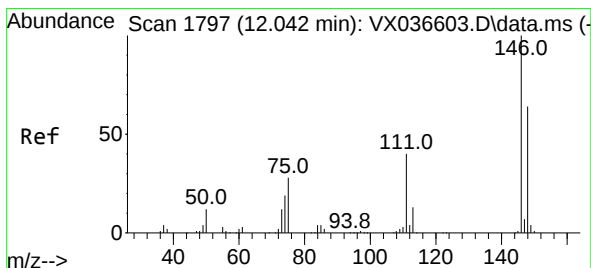
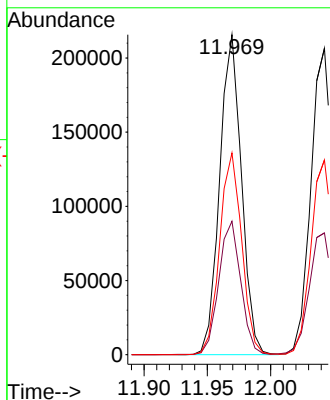
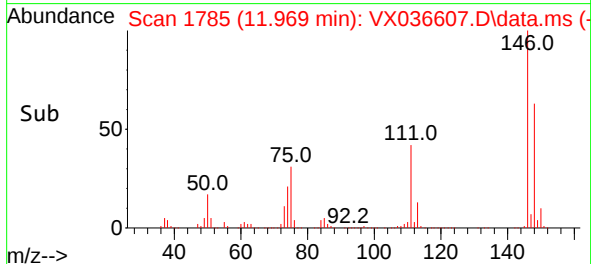
Instrument :
MSVOA_X
ClientSampleId :
ICVX072123



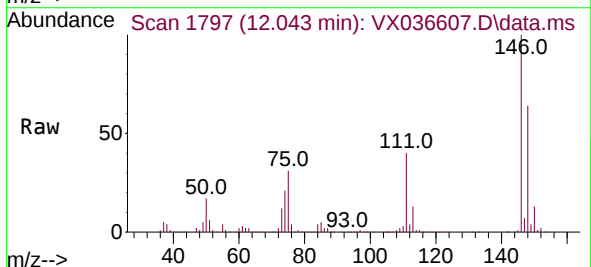
Tgt Ion:146 Resp: 258279
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 63.7 31.8 95.3

Manual Integrations
APPROVED

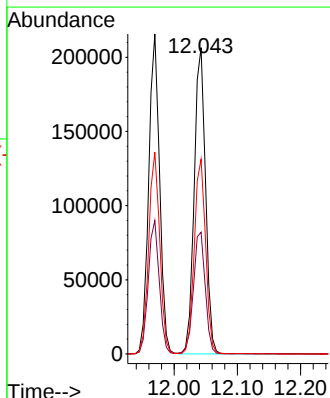
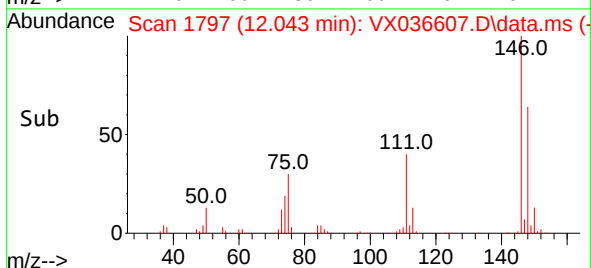
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

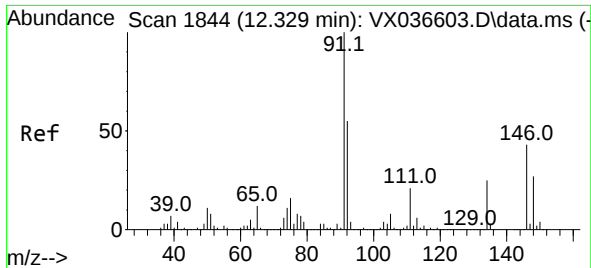


#88
1,4-Dichlorobenzene
Concen: 49.902 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32



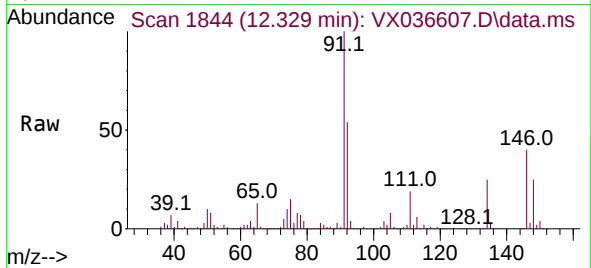
Tgt Ion:146 Resp: 257908
Ion Ratio Lower Upper
146 100
111 41.5 21.3 63.7
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 51.126 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

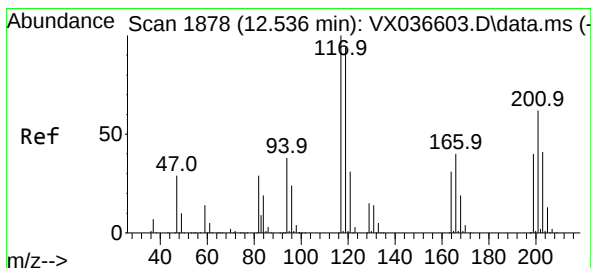
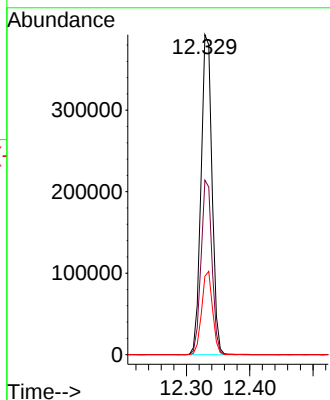
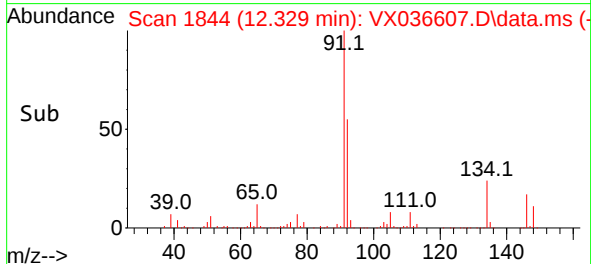
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072123



Tgt Ion: 91 Resp: 476554
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 25.8 12.6 37.8

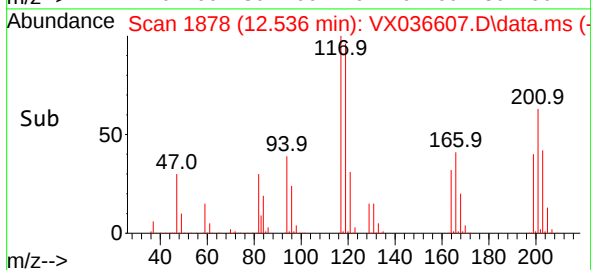
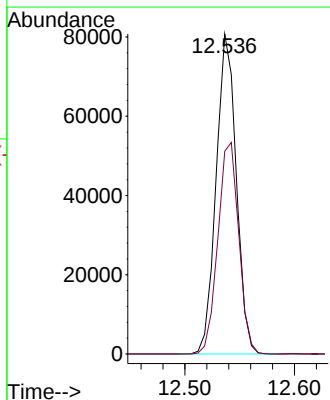
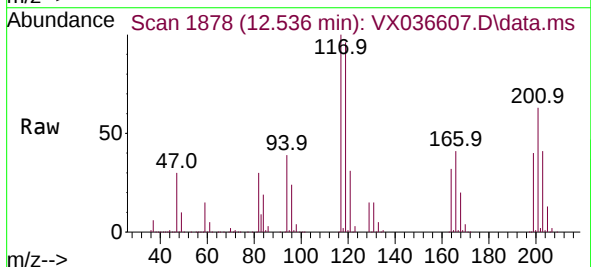
Manual Integrations
APPROVED

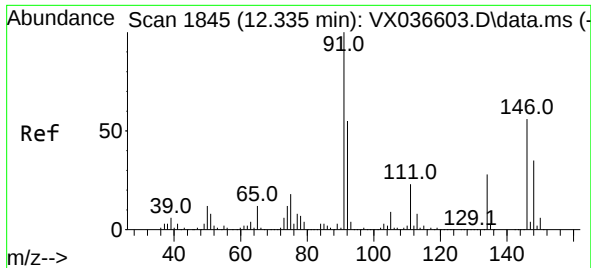
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 48.826 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion:117 Resp: 103069
Ion Ratio Lower Upper
117 100
201 68.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.787 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

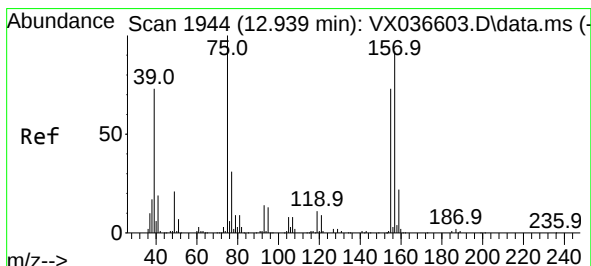
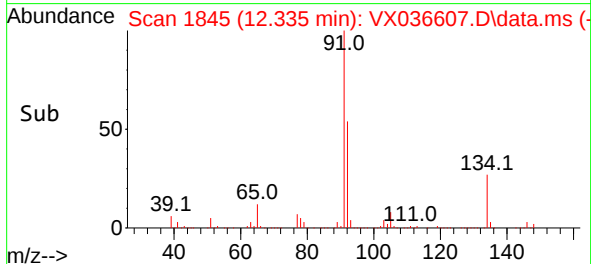
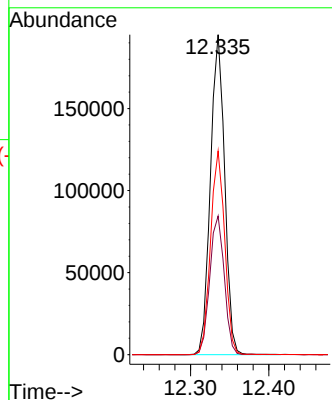
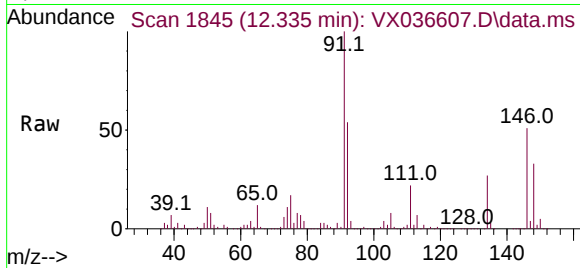
Tgt Ion:146 Resp: 245180
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations

APPROVED

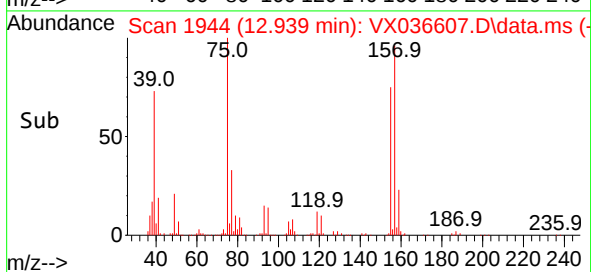
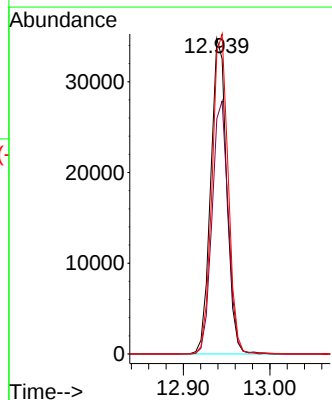
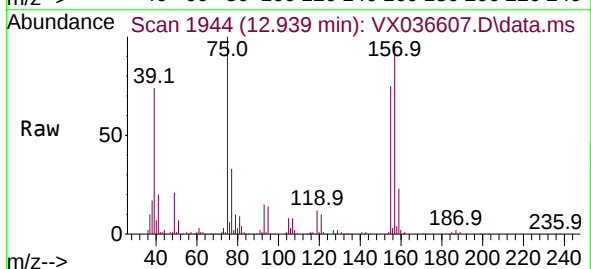
Reviewed By :John Carlone 07/24/2023

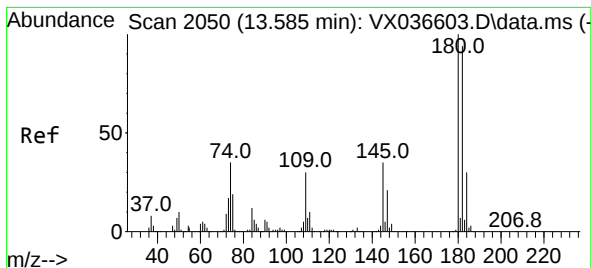
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.936 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion: 75 Resp: 44514
Ion Ratio Lower Upper
75 100
155 81.1 36.1 108.5
157 102.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.345 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072123

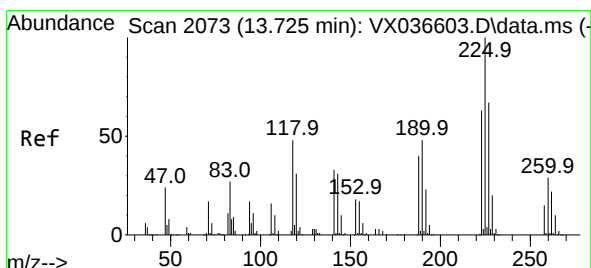
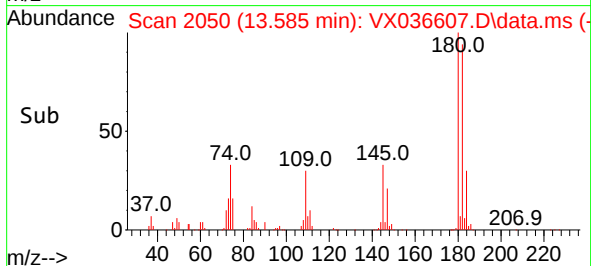
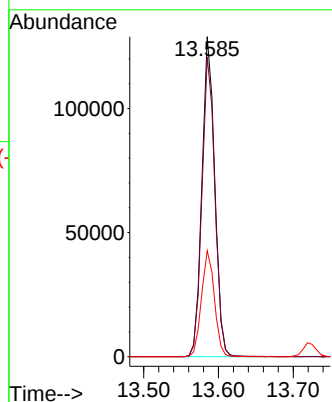
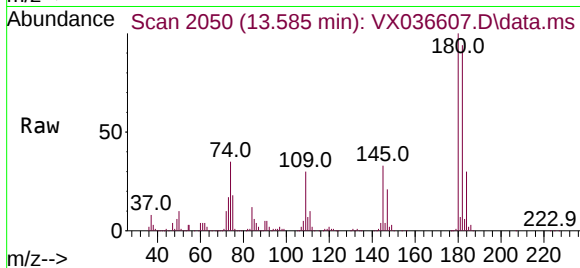
Tgt Ion:180	Resp:	15278
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.3 144.8
145	33.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 49.466 ug/l

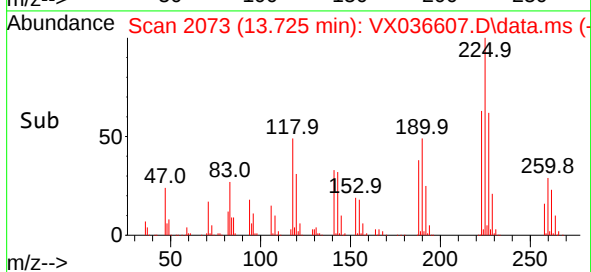
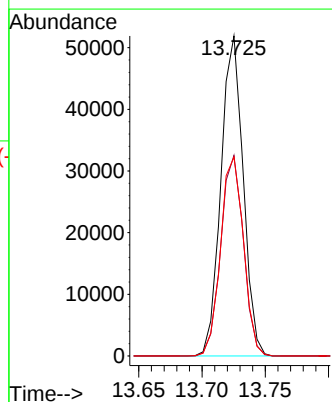
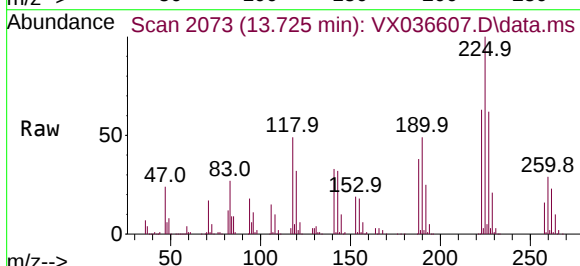
RT: 13.725 min Scan# 2073

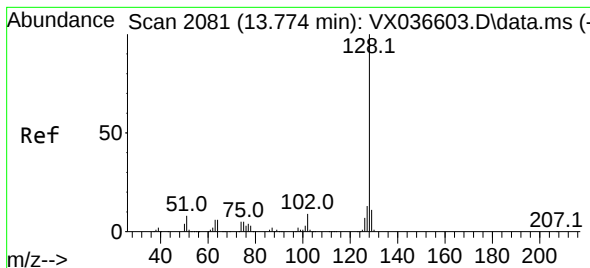
Delta R.T. 0.000 min

Lab File: VX036607.D

Acq: 21 Jul 2023 12:32

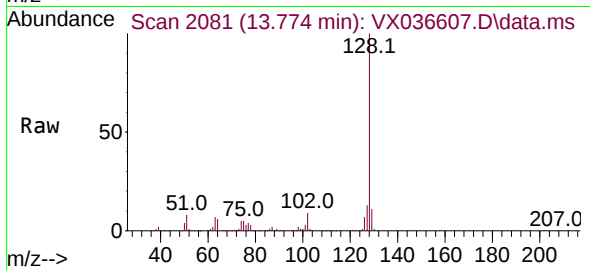
Tgt Ion:225	Resp:	63362
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.1 93.2
227	64.0	32.5 97.5





#95
Naphthalene
Concen: 49.112 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

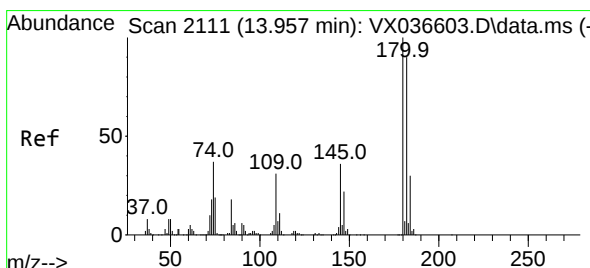
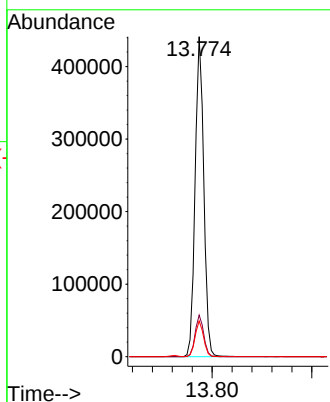
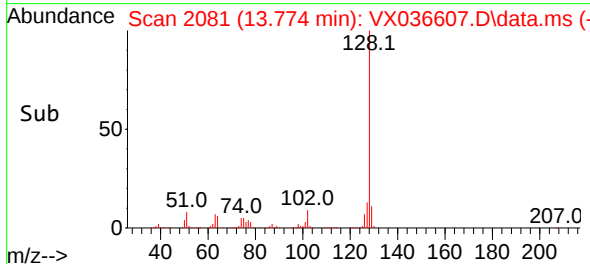
Instrument :
MSVOA_X
ClientSampleId :
ICVX072123



Tgt Ion:128 Resp: 529897
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.367 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX036607.D
Acq: 21 Jul 2023 12:32

Tgt Ion:180 Resp: 150649
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 35.3 17.8 53.5

