

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037660.D
 Acq On : 12 Sep 2023 11:45
 Operator : JC/MD
 Sample : VX0912WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 12 12:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	205825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157689	47.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.700%			
35) Dibromofluoromethane	5.385	113	126512	51.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.647	98	484502	52.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	176591	52.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44126	20.051	ug/l	95
3) Chloromethane	1.300	50	46961	18.195	ug/l	99
4) Vinyl Chloride	1.374	62	53264	18.751	ug/l	99
5) Bromomethane	1.599	94	42521	17.578	ug/l	98
6) Chloroethane	1.685	64	37049	19.182	ug/l	96
7) Trichlorofluoromethane	1.886	101	93077	19.320	ug/l	100
8) Diethyl Ether	2.136	74	33725	17.323	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	43487	20.408	ug/l	99
10) Methyl Iodide	2.453	142	49142	19.401	ug/l	96
11) Tert butyl alcohol	2.959	59	65248	87.603	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	39551	18.894	ug/l	89
13) Acrolein	2.239	56	49036	90.125	ug/l	98
14) Allyl chloride	2.666	41	68210	18.312	ug/l	96
15) Acrylonitrile	3.062	53	137359	87.707	ug/l	99
16) Acetone	2.380	43	140000	101.698	ug/l	94
17) Carbon Disulfide	2.514	76	97152	18.004	ug/l	100
18) Methyl Acetate	2.703	43	99591	17.261	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	155103	18.355	ug/l	100
20) Methylene Chloride	2.788	84	50240	18.464	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	45086	18.163	ug/l	94
22) Diisopropyl ether	3.763	45	148909	18.315	ug/l #	90
23) Vinyl Acetate	3.721	43	556204	93.243	ug/l	97
24) 1,1-Dichloroethane	3.611	63	86442	18.173	ug/l	99
25) 2-Butanone	4.556	43	201331	91.086	ug/l	95
26) 2,2-Dichloropropane	4.477	77	70614	21.441	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	54809	18.464	ug/l	95
28) Bromochloromethane	4.904	49	44053	18.265	ug/l	92
29) Tetrahydrofuran	5.007	42	121948	85.538	ug/l	90
30) Chloroform	5.092	83	93382	18.108	ug/l	100
31) Cyclohexane	5.470	56	75315	19.641	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	81641	18.848	ug/l	99
36) 1,1-Dichloropropene	5.696	75	66850	19.748	ug/l	99
37) Ethyl Acetate	4.715	43	75420	19.319	ug/l	98
38) Carbon Tetrachloride	5.678	117	68606	20.292	ug/l	97
39) Methylcyclohexane	7.379	83	85409	21.451	ug/l	95
40) Benzene	6.037	78	199303	19.362	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37420	18.041	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	75839	19.014	ug/l	98
43) Isopropyl Acetate	6.342	43	117536	19.045	ug/l	97
44) Trichloroethene	7.123	130	50515	20.108	ug/l	93
45) 1,2-Dichloropropane	7.434	63	52448	19.419	ug/l	97
46) Dibromomethane	7.586	93	37748	19.156	ug/l	97
47) Bromodichloromethane	7.824	83	69521	19.685	ug/l	94
48) Methyl methacrylate	7.696	41	56035	18.591	ug/l #	87
49) 1,4-Dioxane	7.659	88	30048	400.245	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	393191	96.630	ug/l	97
52) Toluene	8.720	92	130066	19.970	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	73055	20.465	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80189	20.598	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54543	19.475	ug/l	98
56) Ethyl methacrylate	9.116	69	82817	19.677	ug/l	92
57) 1,3-Dichloropropane	9.311	76	90652	19.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	210057	103.406	ug/l	99
59) 2-Hexanone	9.427	43	309623	99.203	ug/l	96
60) Dibromochloromethane	9.519	129	53629	19.728	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57459	19.456	ug/l	99
64) Tetrachloroethene	9.275	164	43491	20.597	ug/l	99
65) Chlorobenzene	10.079	112	141724	19.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49301	19.880	ug/l	98
67) Ethyl Benzene	10.195	91	256419	20.291	ug/l	98
68) m/p-Xylenes	10.299	106	194824	40.462	ug/l	99
69) o-Xylene	10.640	106	97118	20.341	ug/l	100
70) Styrene	10.652	104	159554	20.255	ug/l	97
71) Bromoform	10.799	173	37053	19.545	ug/l #	99
73) Isopropylbenzene	10.963	105	256879	20.226	ug/l	98
74) N-amyl acetate	10.841	43	108684	19.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	90900	18.877	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80802m	21.181	ug/l	
77) Bromobenzene	11.201	156	60303	19.784	ug/l	93
78) n-propylbenzene	11.305	91	301188	20.547	ug/l	100
79) 2-Chlorotoluene	11.366	91	178860	19.841	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	219984	20.504	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23513	19.264	ug/l	94
82) 4-Chlorotoluene	11.451	91	205517	20.031	ug/l	98
83) tert-Butylbenzene	11.713	119	214994	20.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	222071	20.609	ug/l	99
85) sec-Butylbenzene	11.890	105	275407	20.771	ug/l	99
86) p-Isopropyltoluene	12.012	119	228027	20.884	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113696	19.633	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	114815	19.474	ug/l	98
89) n-Butylbenzene	12.335	91	203300	20.800	ug/l	97
90) Hexachloroethane	12.536	117	37046	20.069	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	113805	19.325	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18473	18.266	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	67095	19.615	ug/l	98
94) Hexachlorobutadiene	13.725	225	30964	20.887	ug/l	100
95) Naphthalene	13.774	128	234600	18.947	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68114	19.311	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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VX0912WBSD01

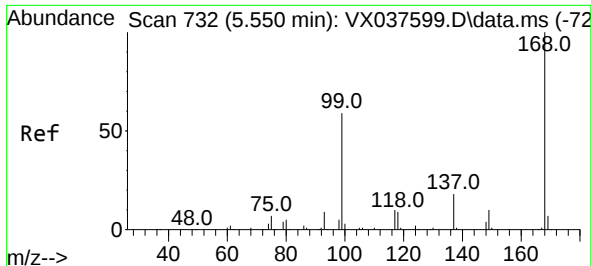
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

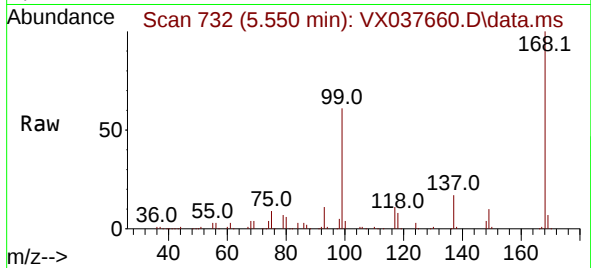
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037660.D
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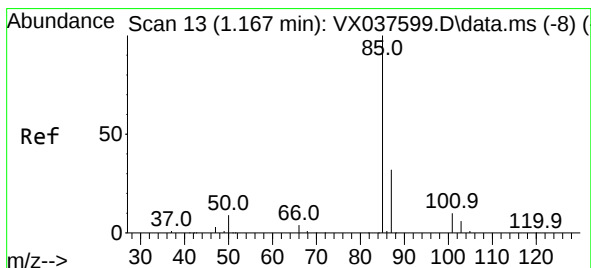
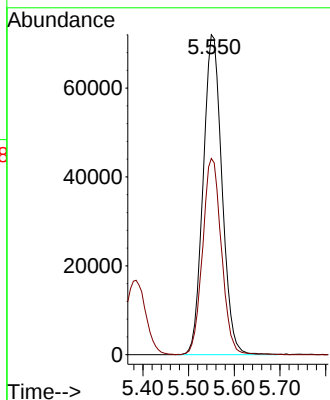
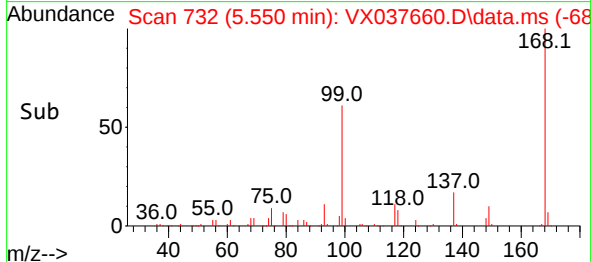
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion:168 Resp: 205829
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0

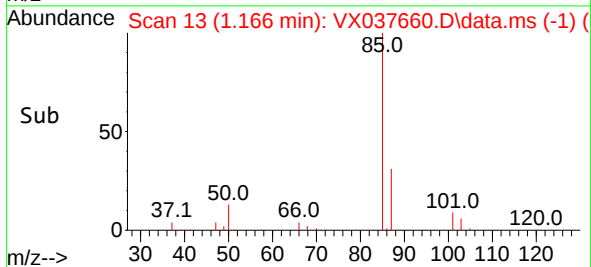
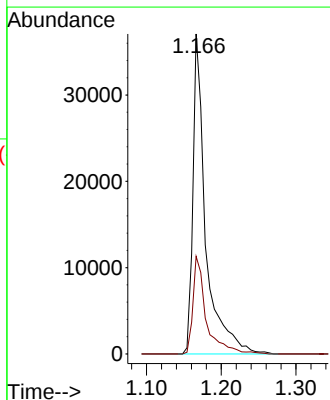
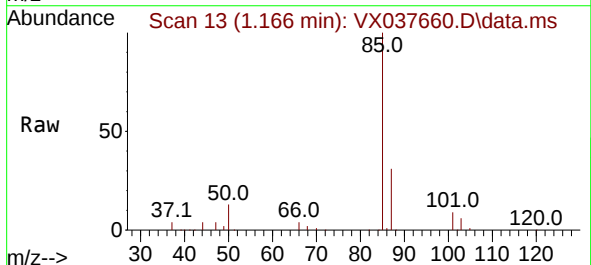
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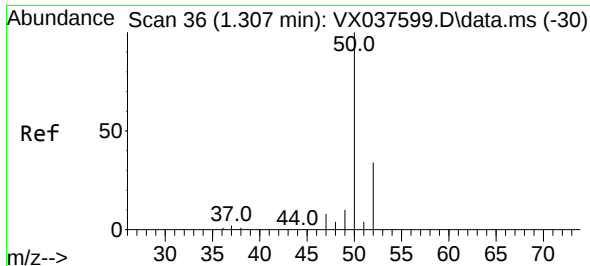
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#2
Dichlorodifluoromethane
Concen: 20.051 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 85 Resp: 44126
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.1





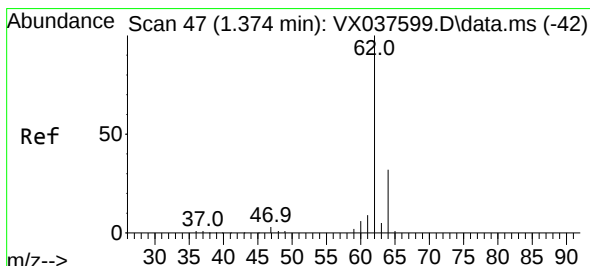
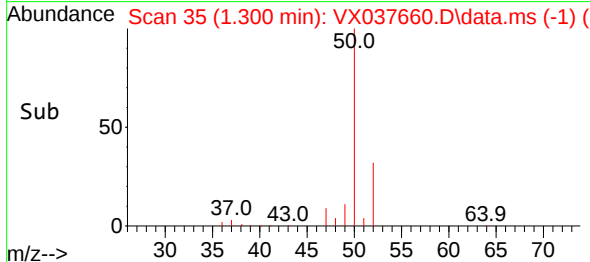
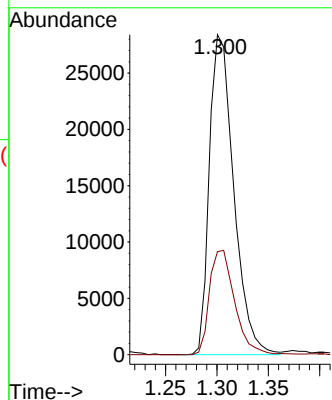
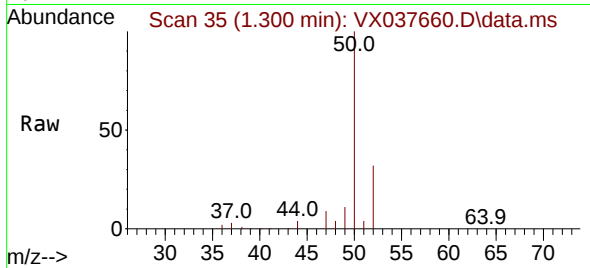
#3
Chloromethane
Concen: 18.195 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
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ClientSampleId :
VX0912WBSD01

Tgt Ion: 50 Resp: 4696
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

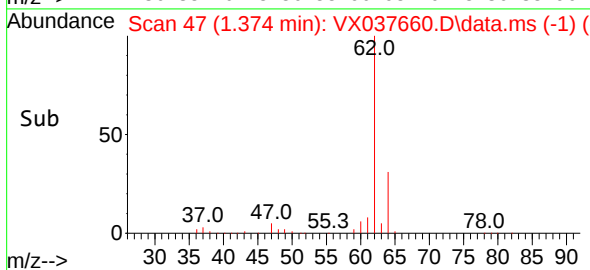
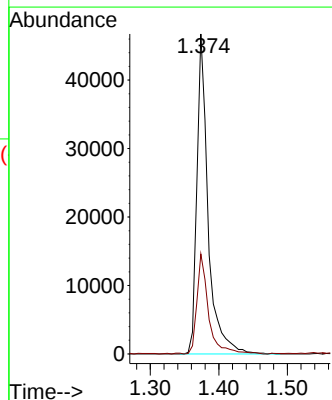
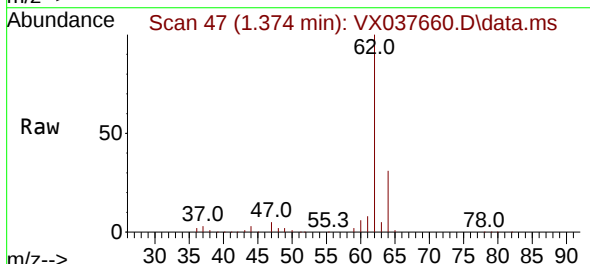
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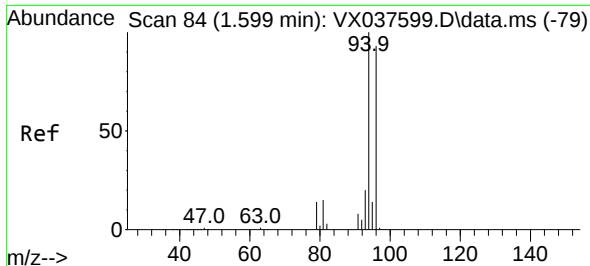
Reviewed By :John Carlone 09/13/2023
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#4
Vinyl Chloride
Concen: 18.751 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

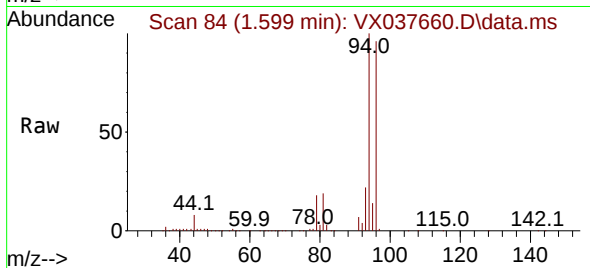
Tgt Ion: 62 Resp: 53264
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5
Bromomethane
Concen: 17.578 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

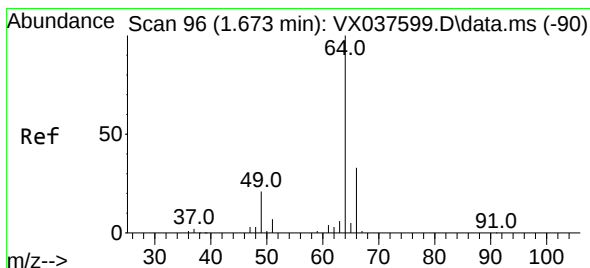
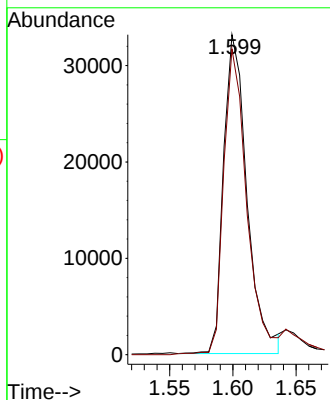
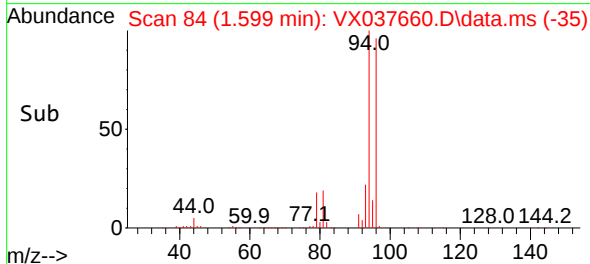
Instrument :
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Tgt Ion: 94 Resp: 4252
Ion Ratio Lower Upper
94 100
96 95.6 74.6 111.8

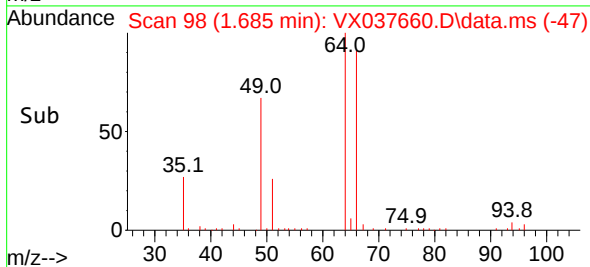
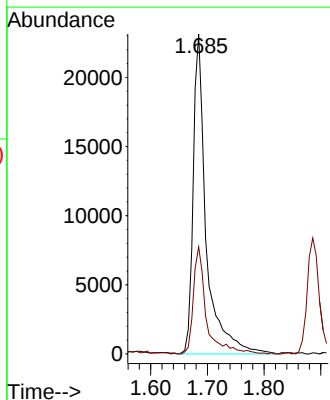
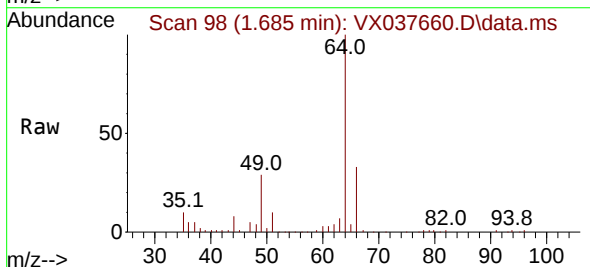
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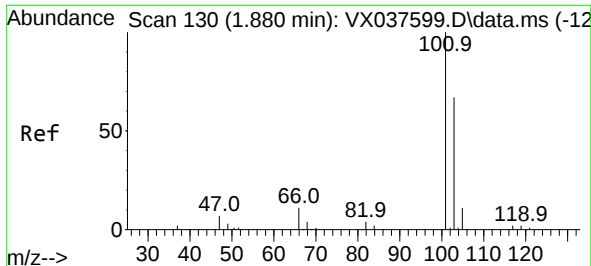
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#6
Chloroethane
Concen: 19.182 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.012 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

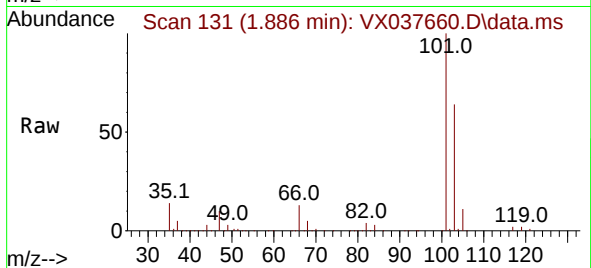
Tgt Ion: 64 Resp: 37049
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.320 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

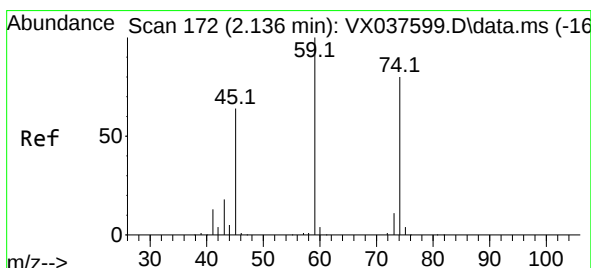
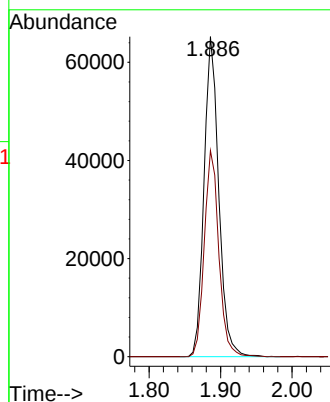
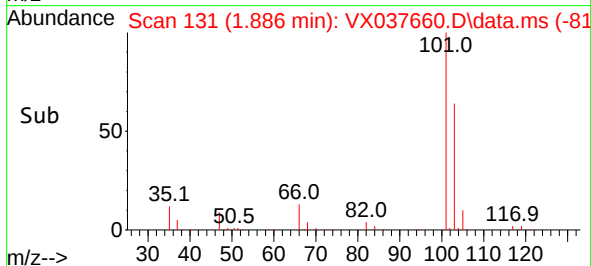
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion:101 Resp: 9307
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

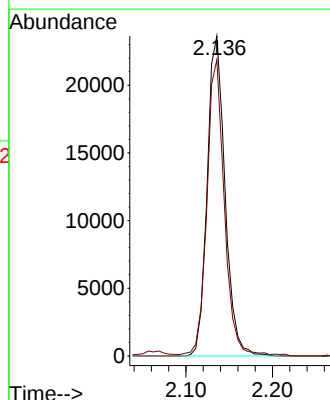
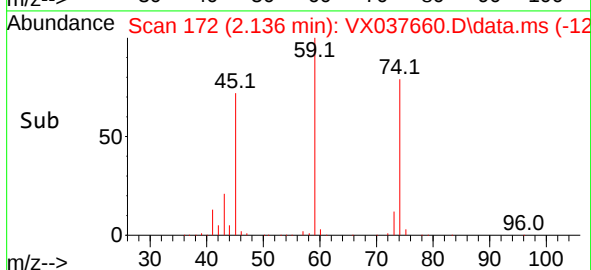
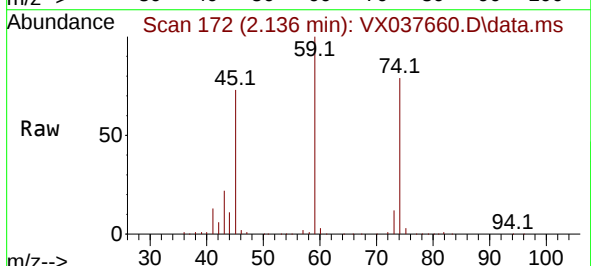
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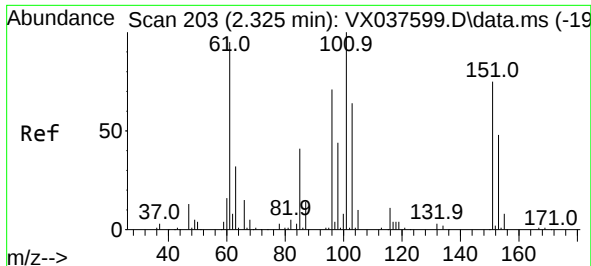
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#8
Diethyl Ether
Concen: 17.323 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 74 Resp: 33725
Ion Ratio Lower Upper
74 100
45 91.3 53.3 159.8





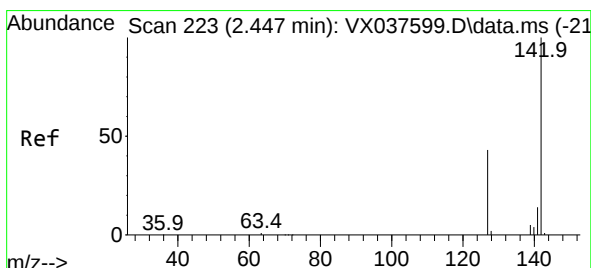
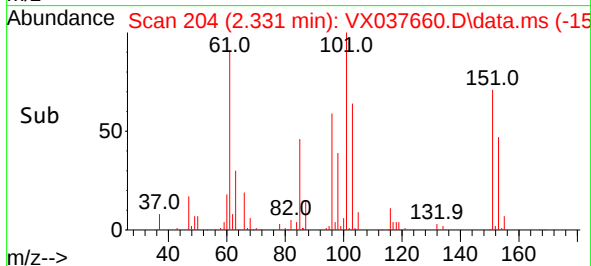
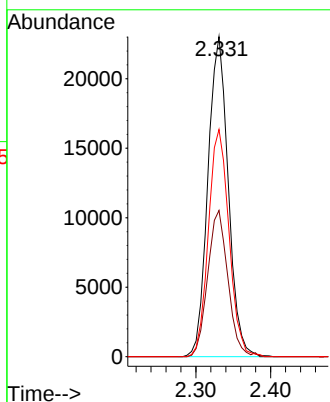
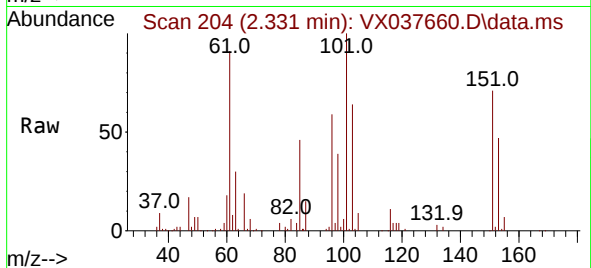
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.408 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion:101 Resp: 4348
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 72.0 58.6 87.8

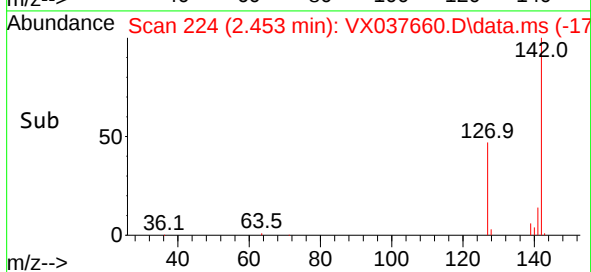
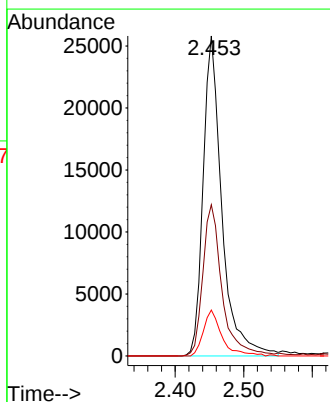
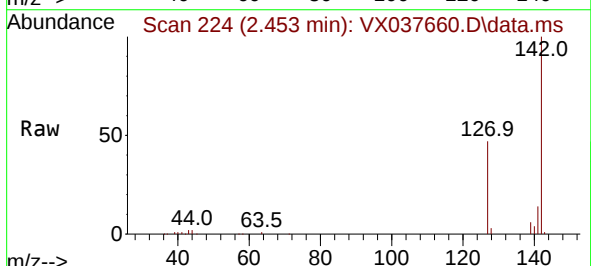
Manual Integrations
APPROVED

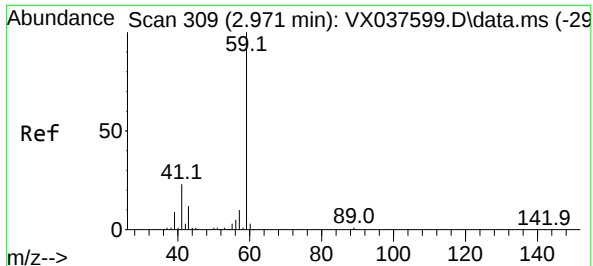
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 19.401 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion:142 Resp: 49142
Ion Ratio Lower Upper
142 100
127 48.2 41.6 62.4
141 14.2 11.6 17.4





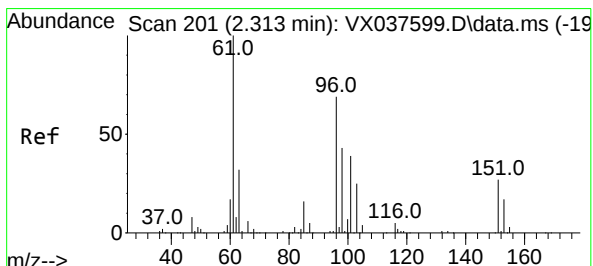
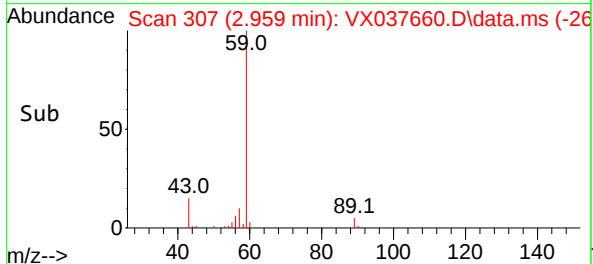
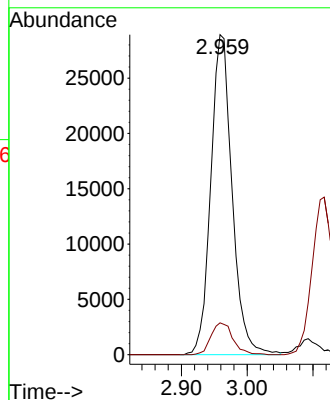
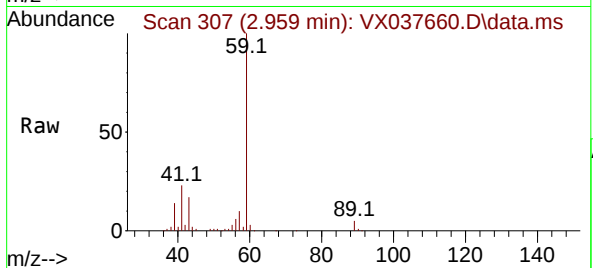
#11
Tert butyl alcohol
Concen: 87.603 ug/l
RT: 2.959 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 59 Resp: 65248
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

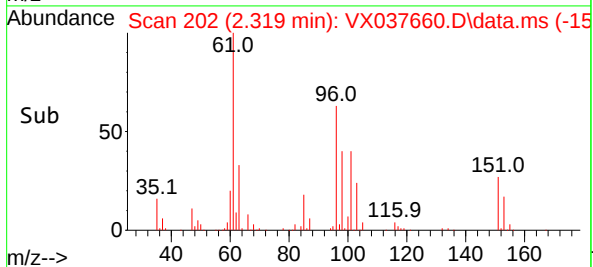
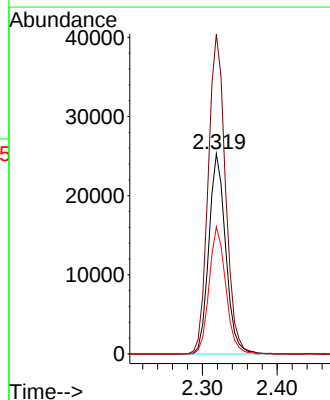
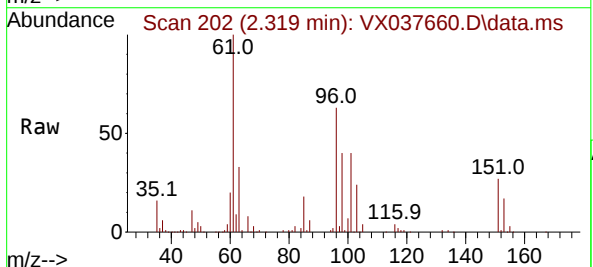
Manual Integrations
APPROVED

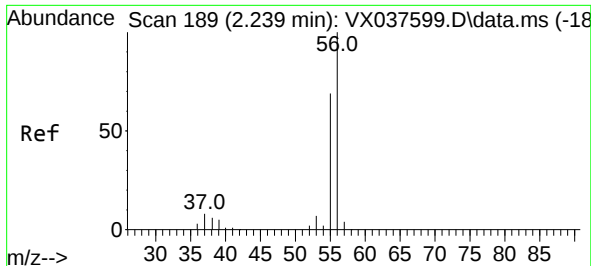
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 18.894 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

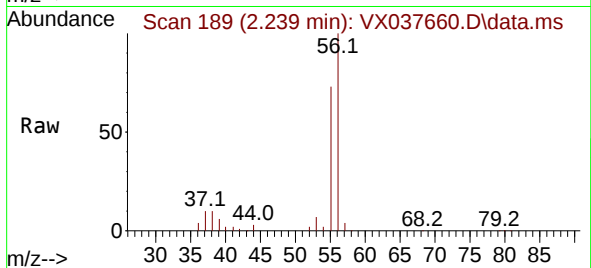
Tgt Ion: 96 Resp: 39551
Ion Ratio Lower Upper
96 100
61 159.8 144.6 216.8
98 63.5 50.4 75.6





#13
Acrolein
Concen: 90.125 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

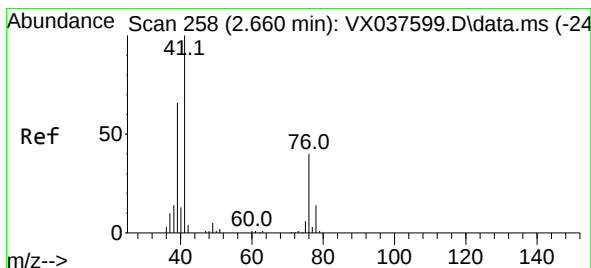
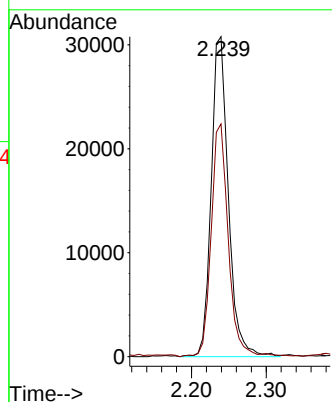
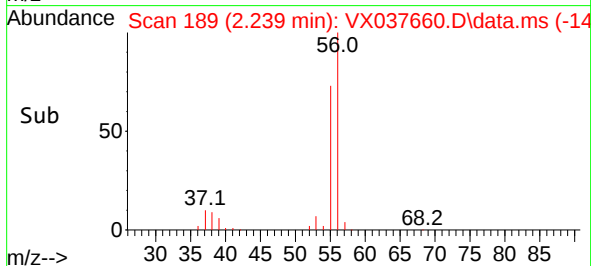
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 56 Resp: 4903
Ion Ratio Lower Upper
56 100
55 73.0 57.1 85.7

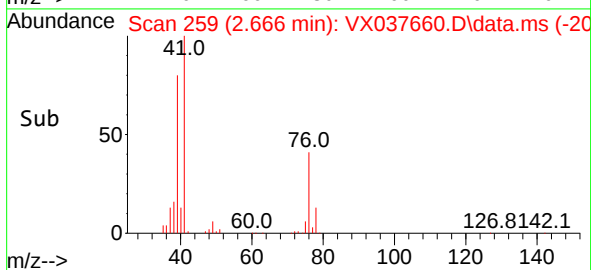
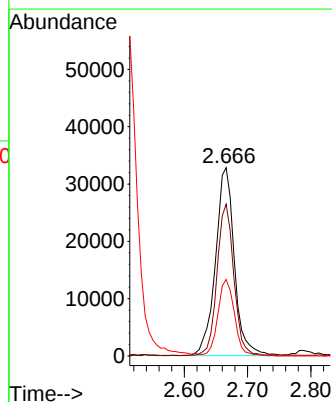
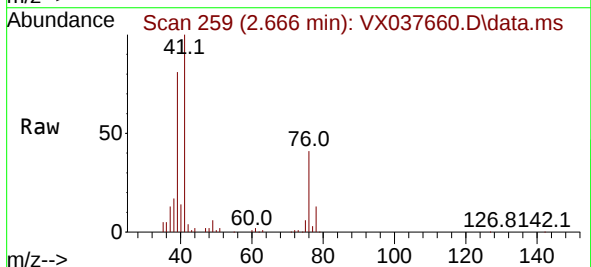
Manual Integrations
APPROVED

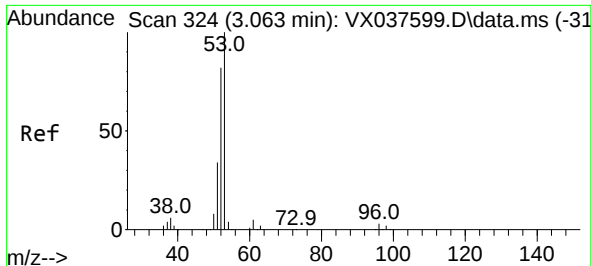
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#14
Allyl chloride
Concen: 18.312 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

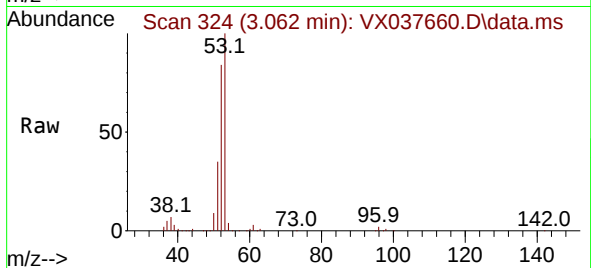
Tgt Ion: 41 Resp: 68210
Ion Ratio Lower Upper
41 100
39 71.2 55.8 83.6
76 35.6 24.3 36.5





#15
Acrylonitrile
Concen: 87.707 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

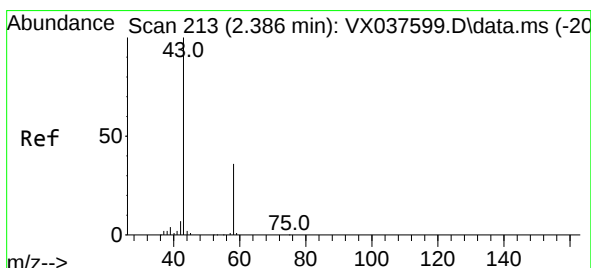
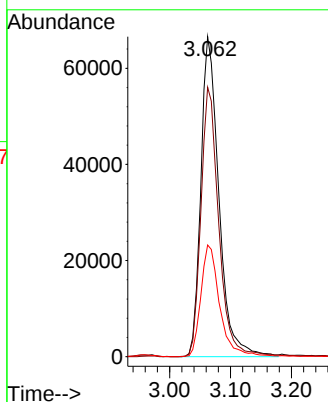
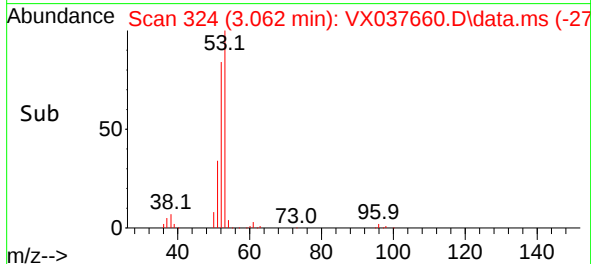
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 53 Resp: 137359
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.4 29.8 44.6

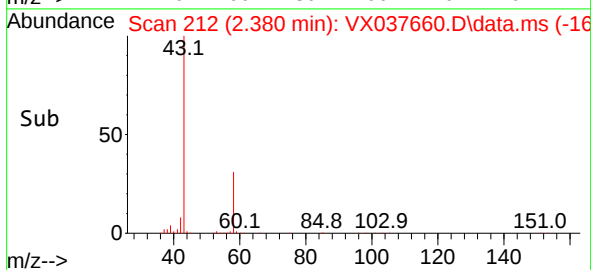
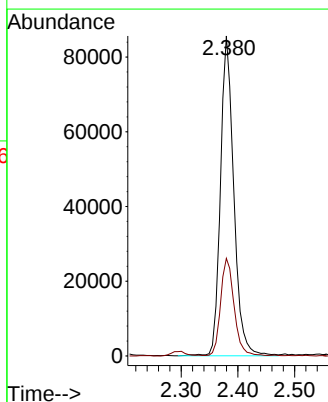
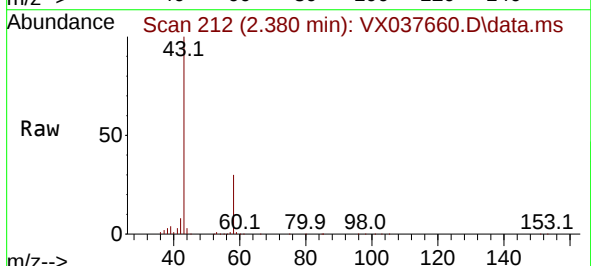
Manual Integrations
APPROVED

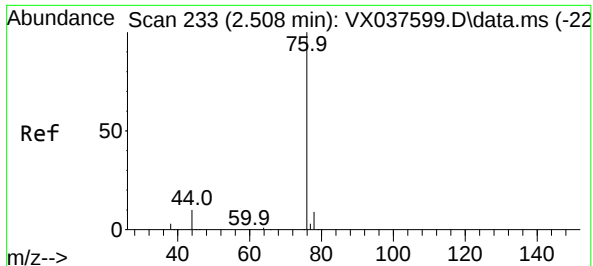
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#16
Acetone
Concen: 101.698 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 43 Resp: 140000
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#17

Carbon Disulfide

Concen: 18.004 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 76 Resp: 97152

Ion Ratio Lower Upper

76 100

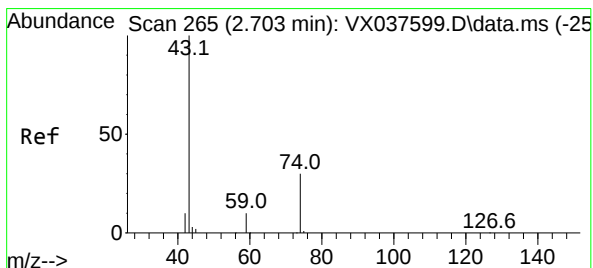
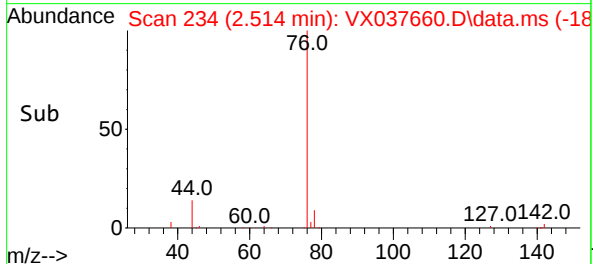
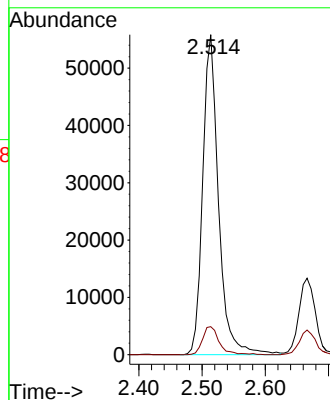
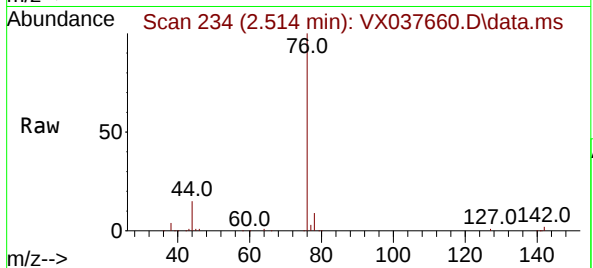
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#18

Methyl Acetate

Concen: 17.261 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037660.D

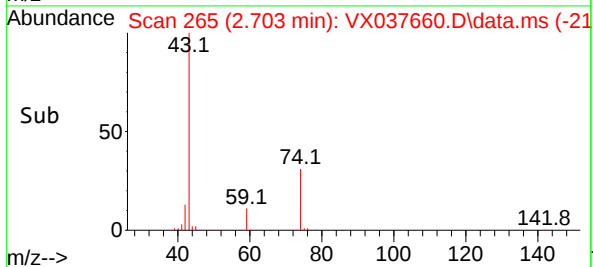
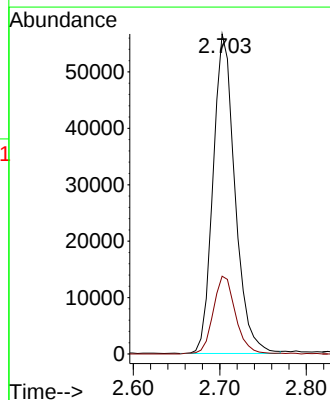
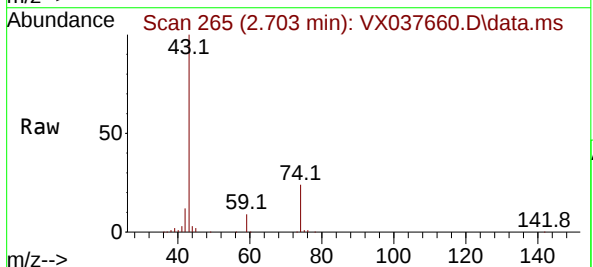
Acq: 12 Sep 2023 11:45

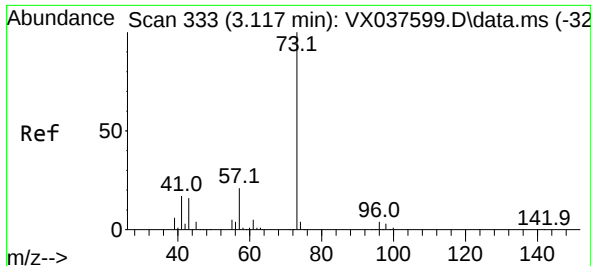
Tgt Ion: 43 Resp: 99591

Ion Ratio Lower Upper

43 100

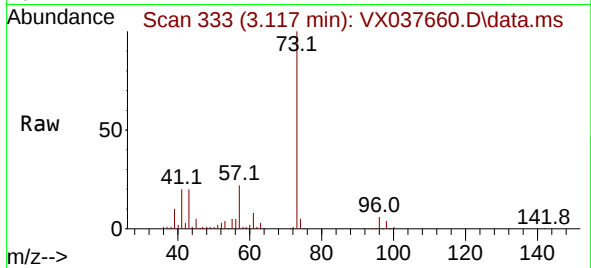
74 25.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.355 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

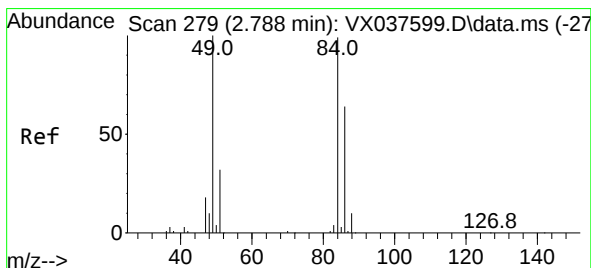
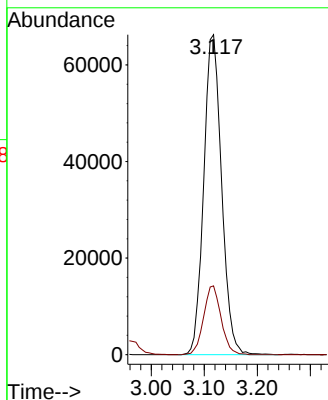
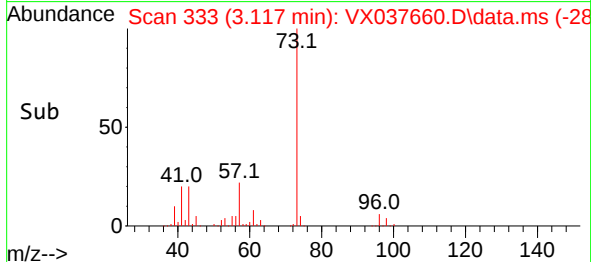
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 73 Resp: 15510
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

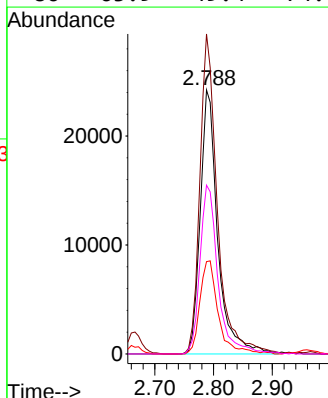
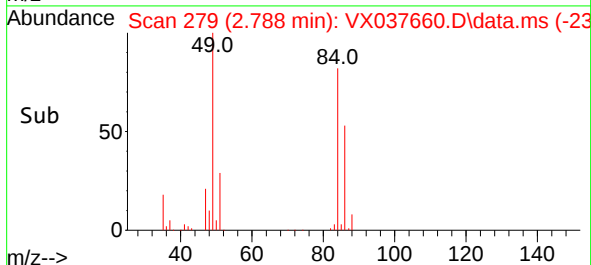
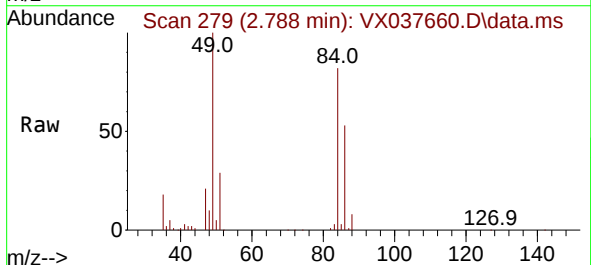
Manual Integrations
APPROVED

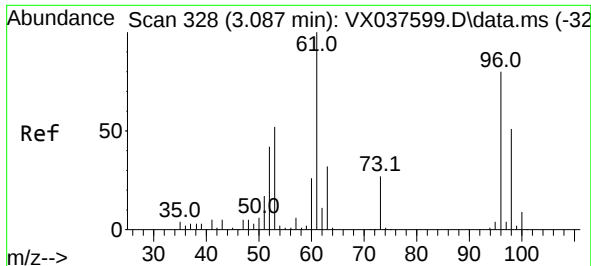
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 18.464 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

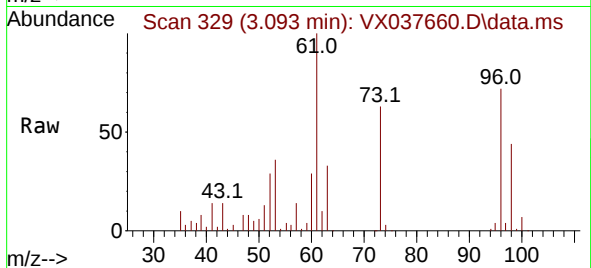
Tgt Ion: 84 Resp: 50240
Ion Ratio Lower Upper
84 100
49 121.2 103.6 155.4
51 35.0 33.8 50.6
86 63.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.163 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

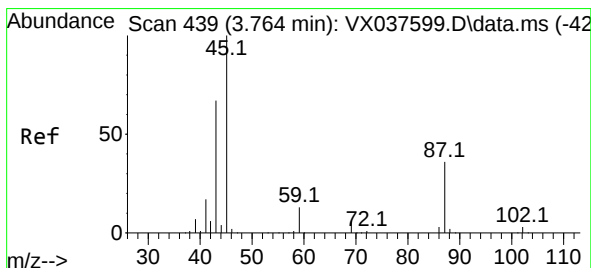
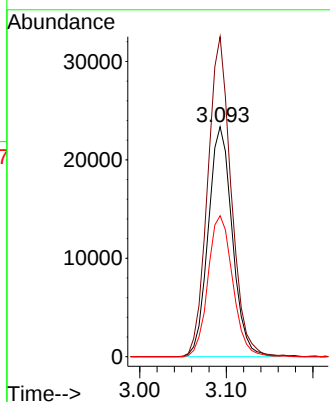
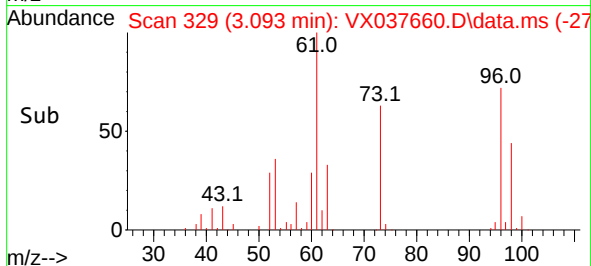
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 96 Resp: 45080
Ion Ratio Lower Upper
96 100
61 139.2 119.2 178.8
98 61.4 48.7 73.1

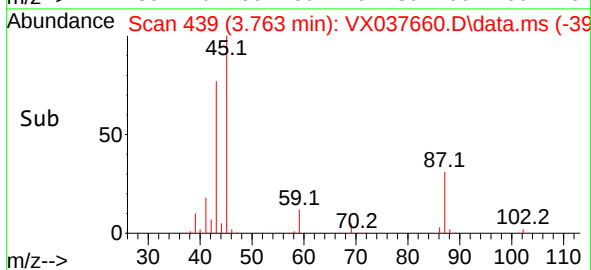
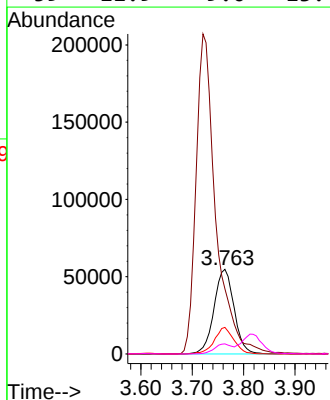
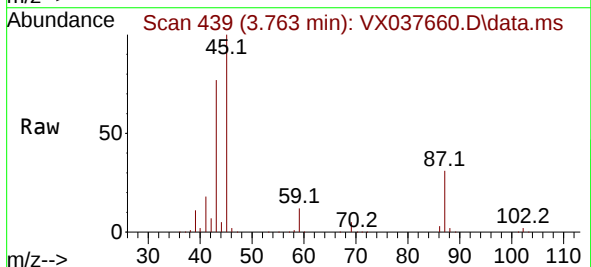
Manual Integrations
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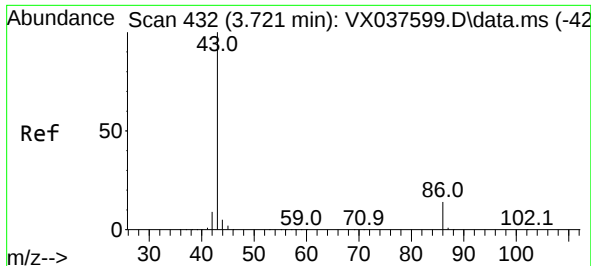
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#22
Diisopropyl ether
Concen: 18.315 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

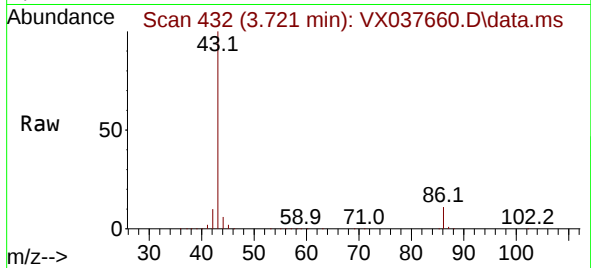
Tgt Ion: 45 Resp: 148909
Ion Ratio Lower Upper
45 100
43 76.8 69.7 104.5
87 31.4 20.8 31.2#
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 93.243 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037660.D
 Acq: 12 Sep 2023 11:45

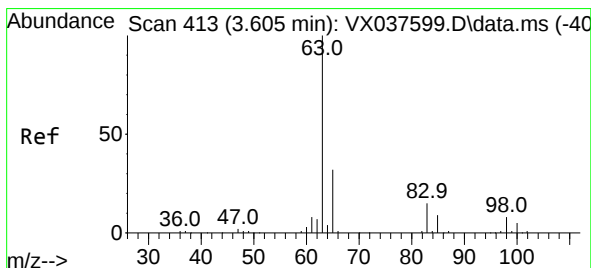
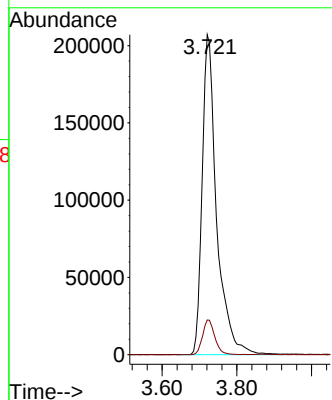
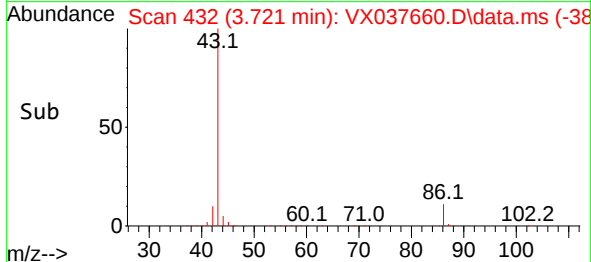
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBSD01



Tgt Ion: 43 Resp: 556204
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

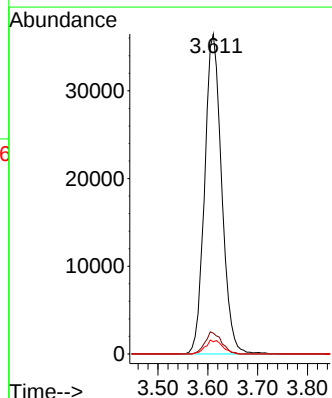
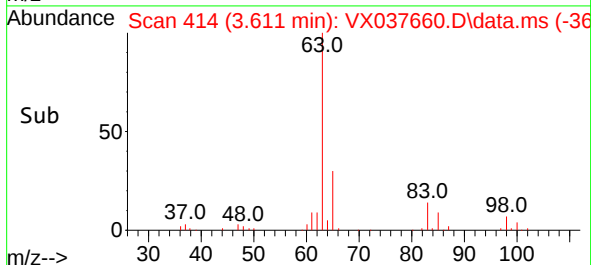
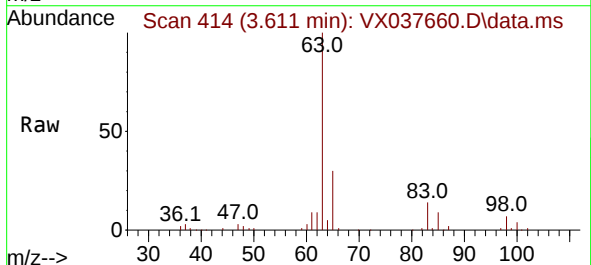
Manual Integrations
 APPROVED

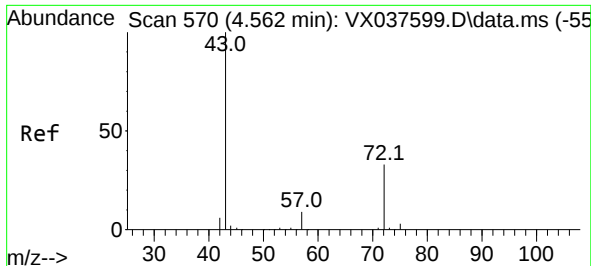
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#24
 1,1-Dichloroethane
 Concen: 18.173 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037660.D
 Acq: 12 Sep 2023 11:45

Tgt Ion: 63 Resp: 86442
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.8 2.1 6.5





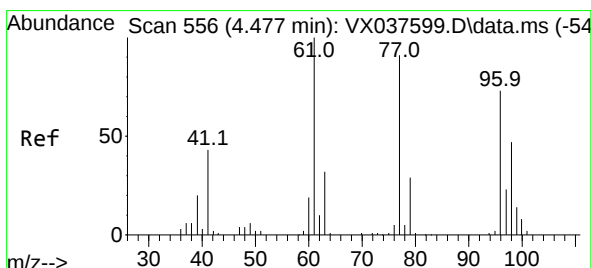
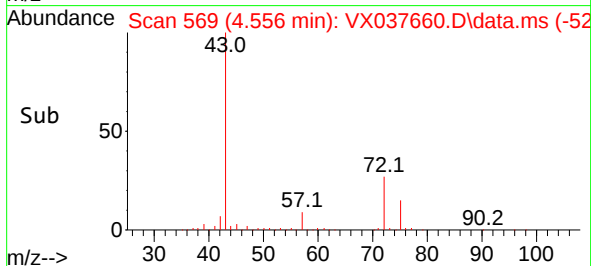
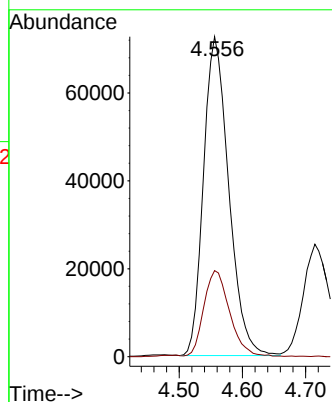
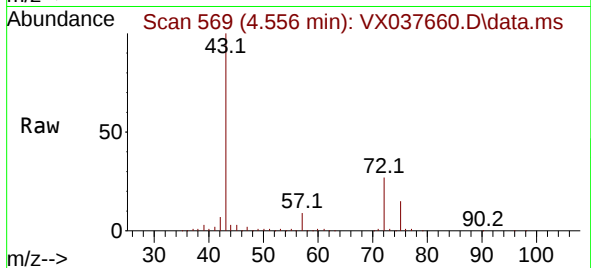
#25
2-Butanone
Concen: 91.086 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 43 Resp: 20133
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

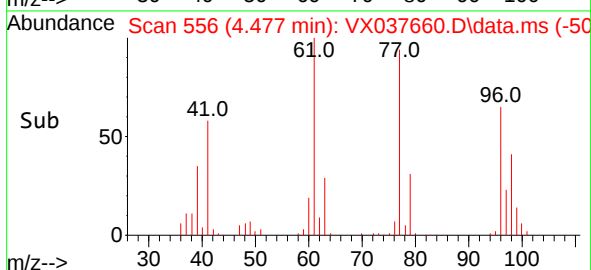
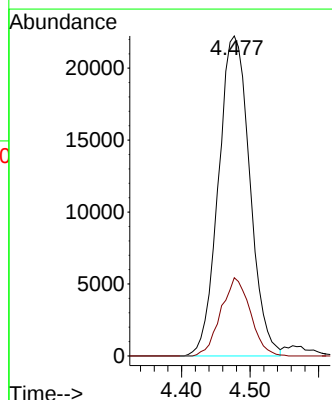
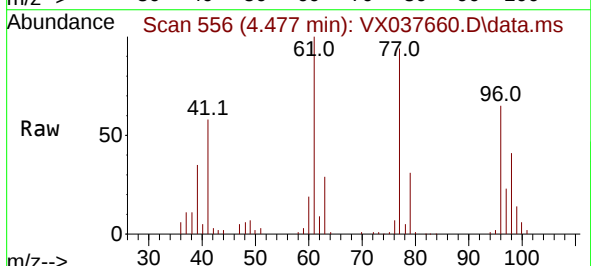
Manual Integrations
APPROVED

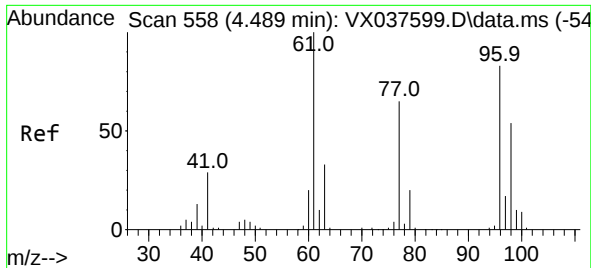
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#26
2,2-Dichloropropane
Concen: 21.441 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 77 Resp: 70614
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





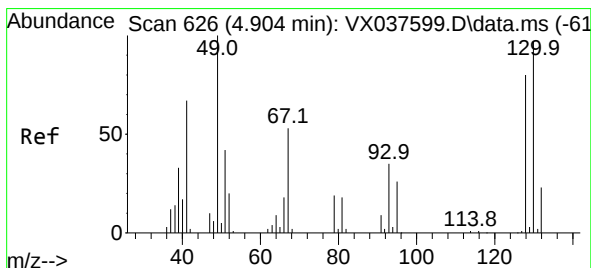
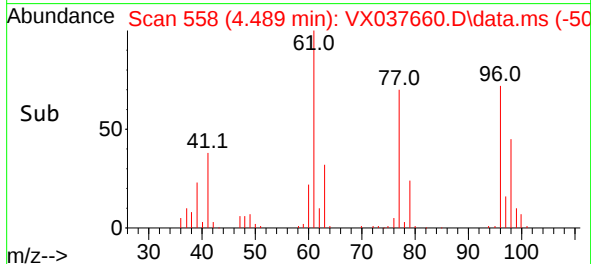
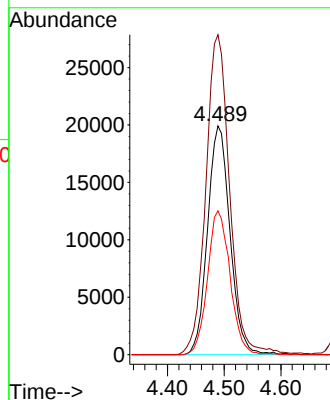
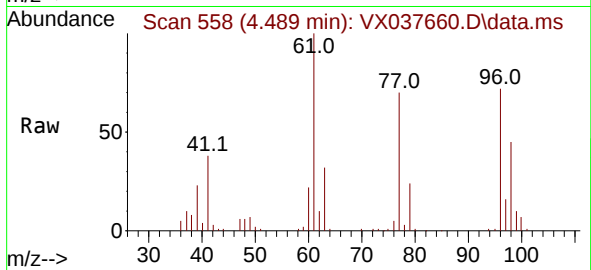
#27
 cis-1,2-Dichloroethene
 Concen: 18.464 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX037660.D
 Acq: 12 Sep 2023 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBSD01

Tgt Ion: 96 Resp: 5480
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 312.2
 98 63.1 0.0 129.0

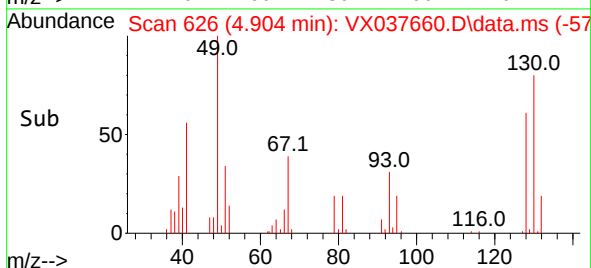
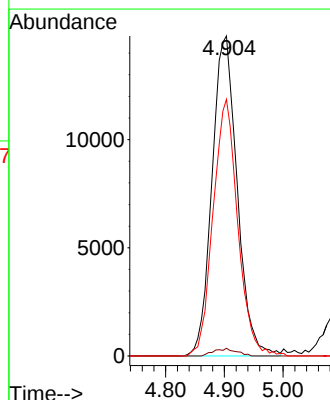
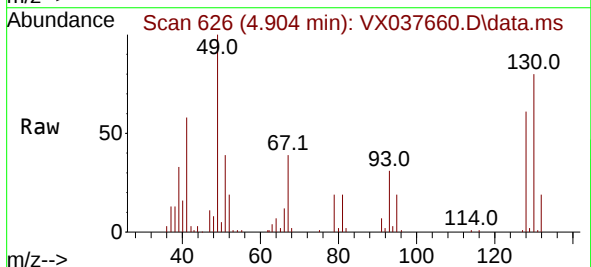
Manual Integrations
 APPROVED

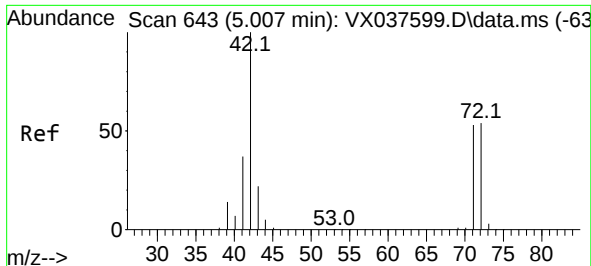
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#28
 Bromochloromethane
 Concen: 18.265 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX037660.D
 Acq: 12 Sep 2023 11:45

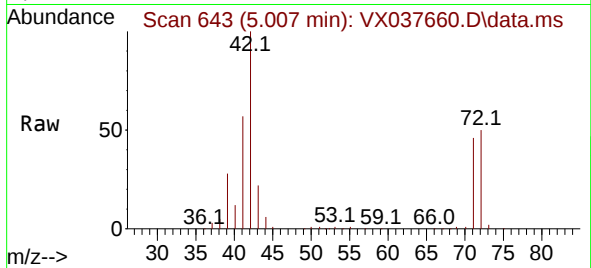
Tgt Ion: 49 Resp: 44053
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 78.5 57.5 86.3





#29
Tetrahydrofuran
Concen: 85.538 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

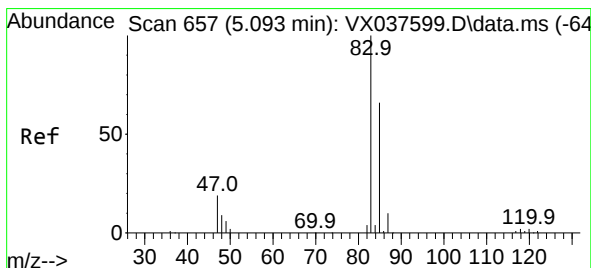
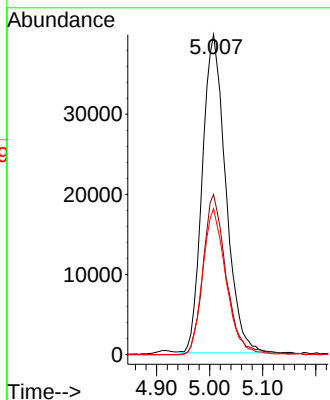
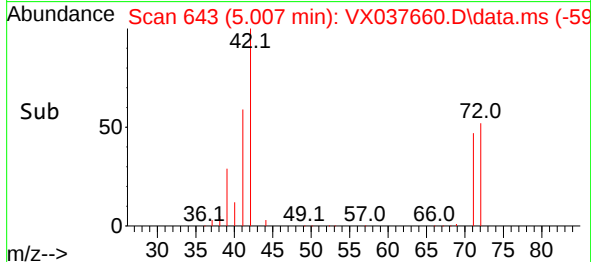
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 42 Resp: 121948
Ion Ratio Lower Upper
42 100
72 49.8 34.2 51.4
71 45.7 32.2 48.2

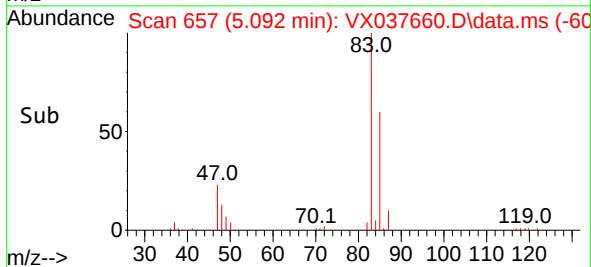
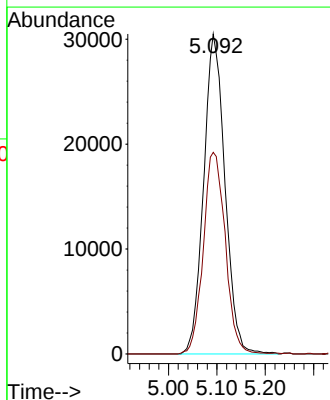
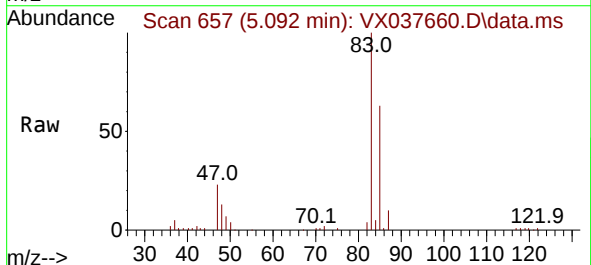
Manual Integrations
APPROVED

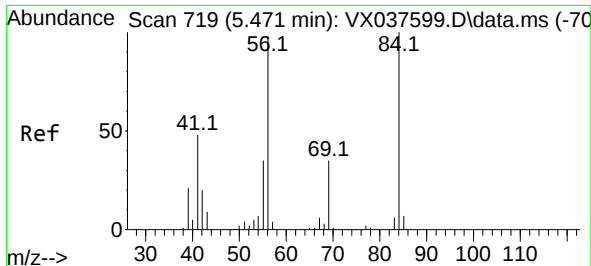
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#30
Chloroform
Concen: 18.108 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

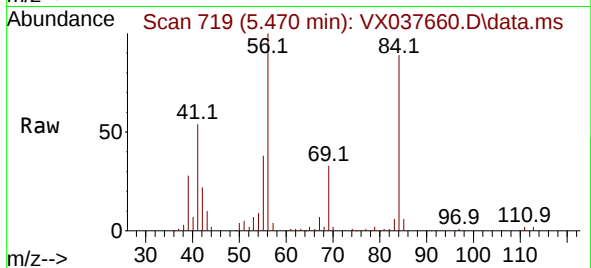
Tgt Ion: 83 Resp: 93382
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5





#31
Cyclohexane
Concen: 19.641 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

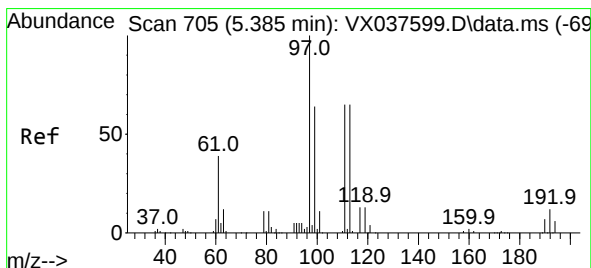
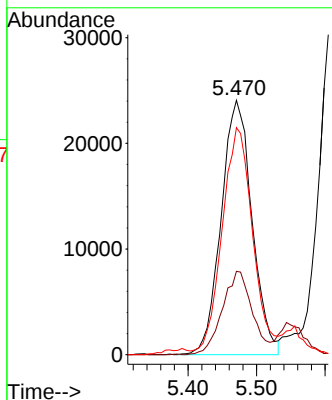
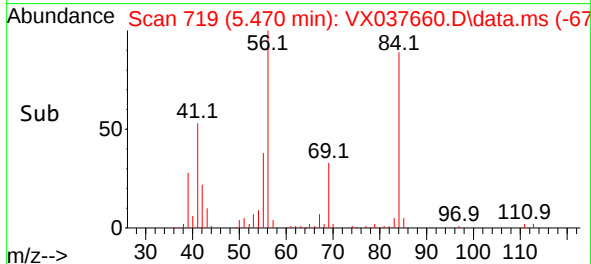
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 56 Resp: 7531
Ion Ratio Lower Upper
56 100
69 32.5 23.4 35.2
84 87.6 65.9 98.9

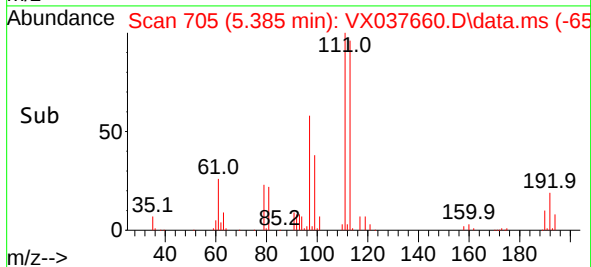
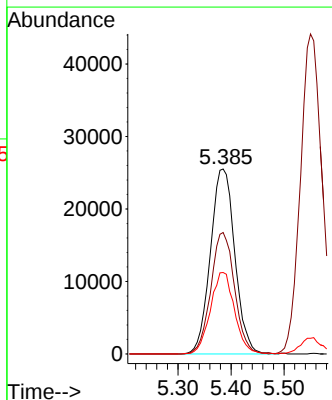
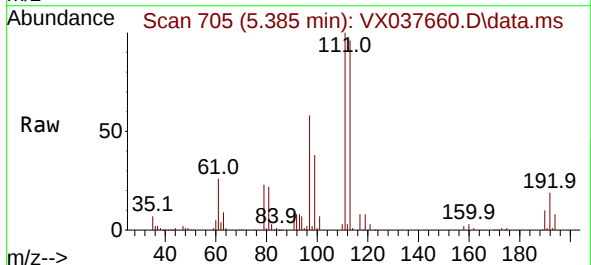
Manual Integrations
APPROVED

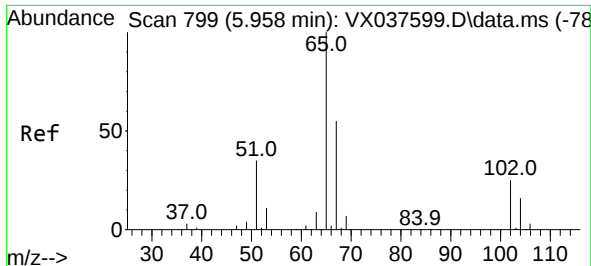
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#32
1,1,1-Trichloroethane
Concen: 18.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 97 Resp: 81641
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.353 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 65 Resp: 157689

Ion Ratio Lower Upper

65 100

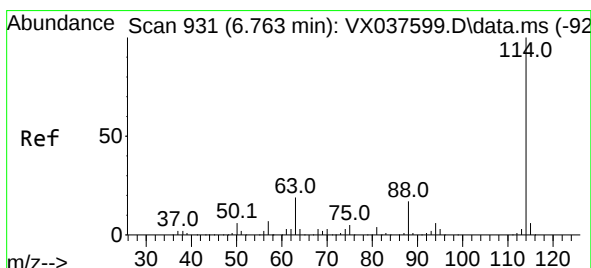
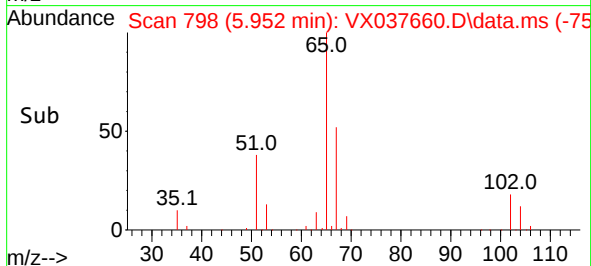
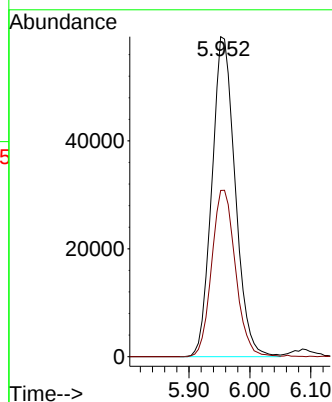
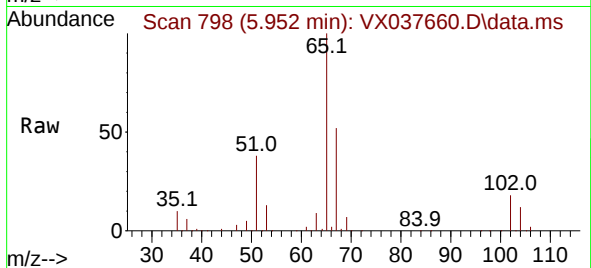
67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

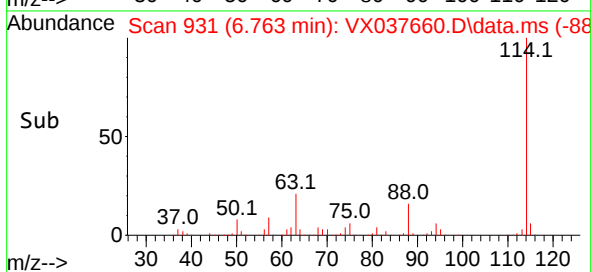
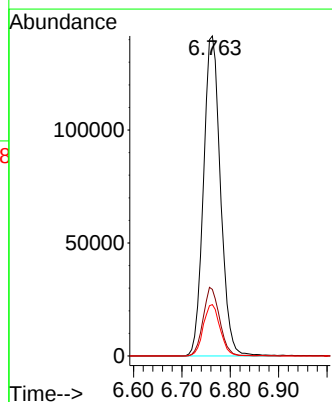
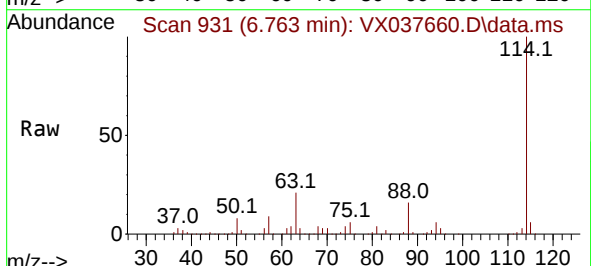
Tgt Ion:114 Resp: 346322

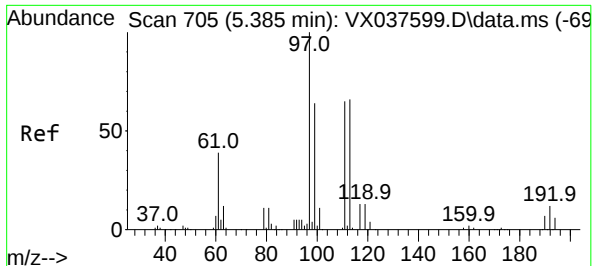
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.537 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037660.D

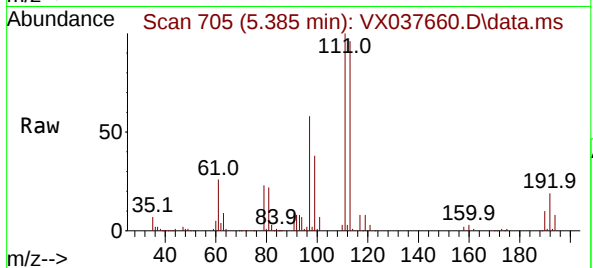
Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01



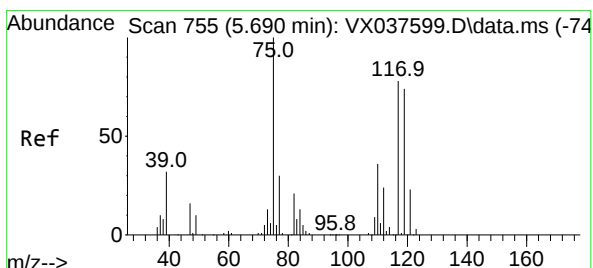
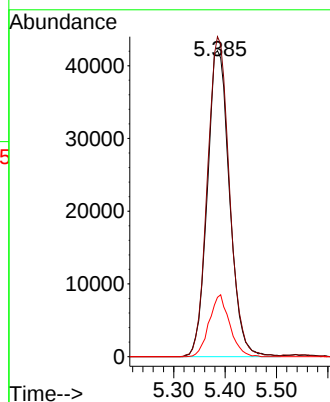
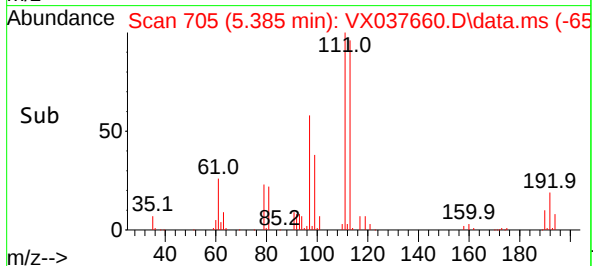
Tgt Ion:	113	Resp:	12651
Ion Ratio	100	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#36

1,1-Dichloropropene

Concen: 19.748 ug/l

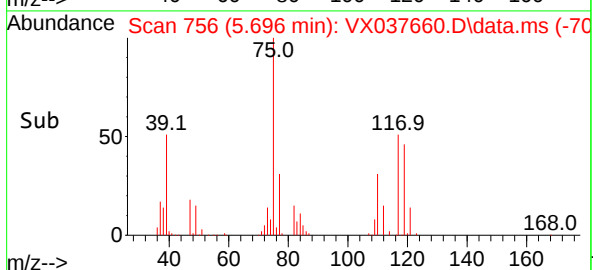
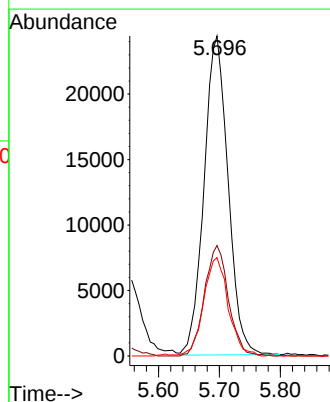
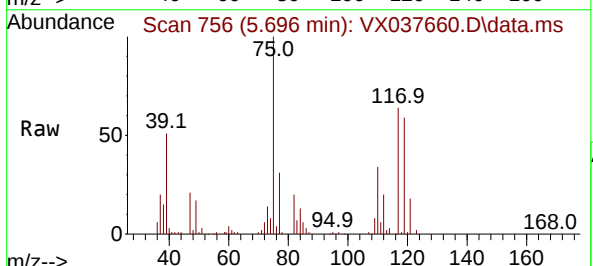
RT: 5.696 min Scan# 756

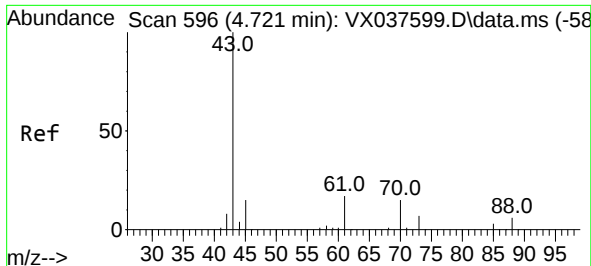
Delta R.T. 0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Tgt Ion:	75	Resp:	66850
Ion Ratio	100	Lower	Upper
75	100		
110	34.5	17.0	50.9
77	31.6	24.7	37.1





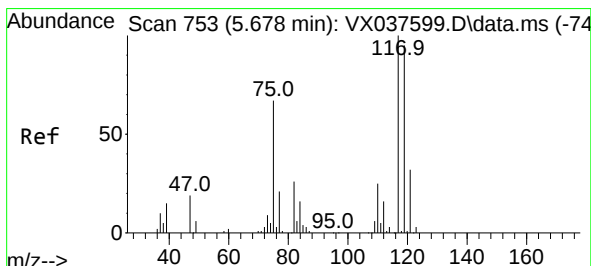
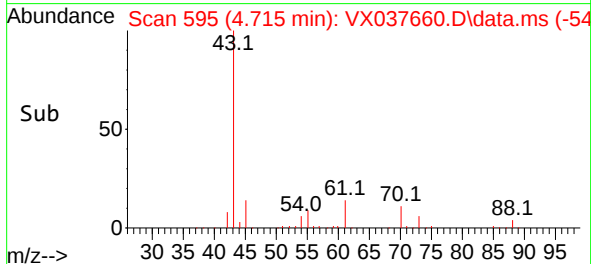
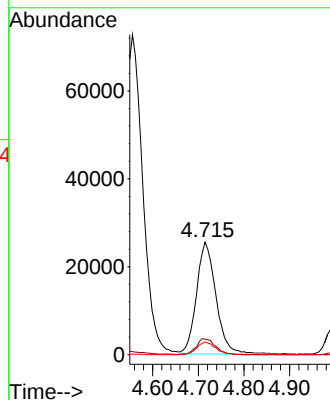
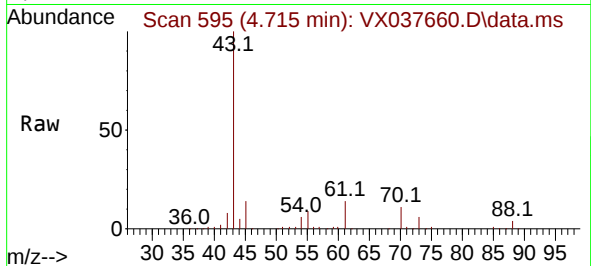
#37
Ethyl Acetate
Concen: 19.319 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 43 Resp: 75420
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.9 8.3 12.5

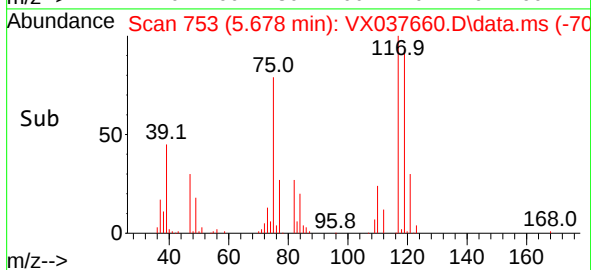
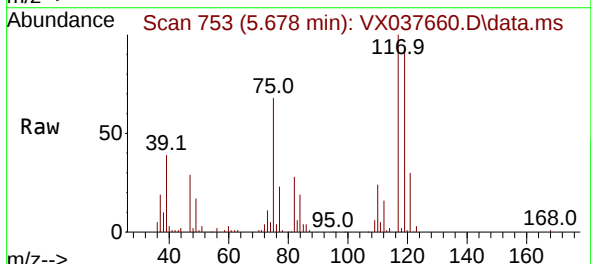
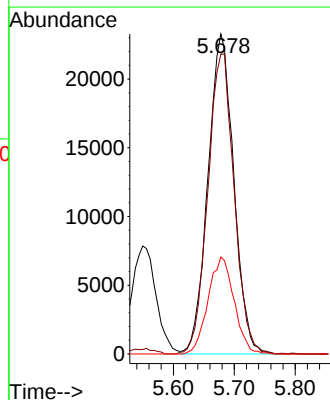
Manual Integrations
APPROVED

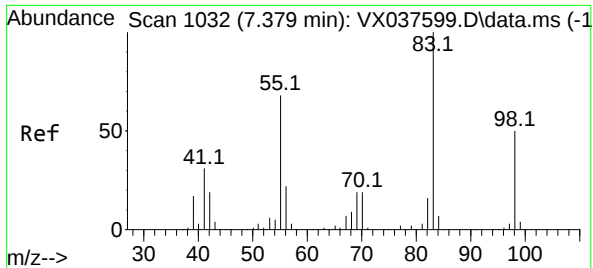
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#38
Carbon Tetrachloride
Concen: 20.292 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion:117 Resp: 68606
Ion Ratio Lower Upper
117 100
119 93.4 78.2 117.2
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 21.451 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 83 Resp: 85409

Ion Ratio Lower Upper

83 100

55 74.3 64.6 97.0

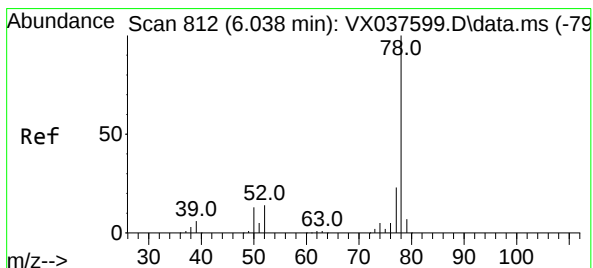
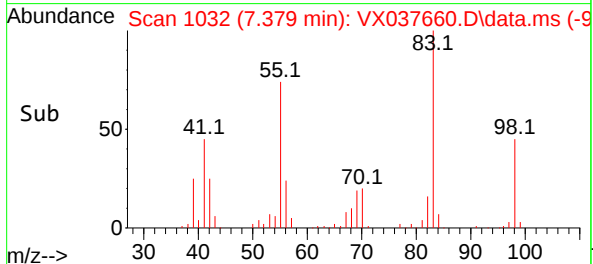
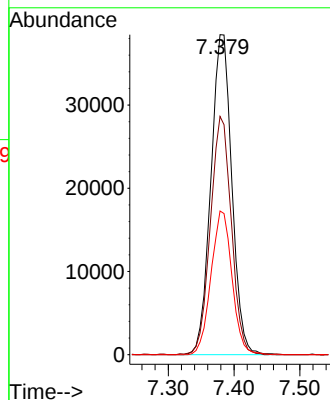
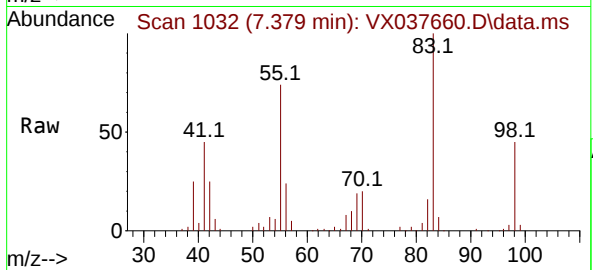
98 44.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 19.362 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037660.D

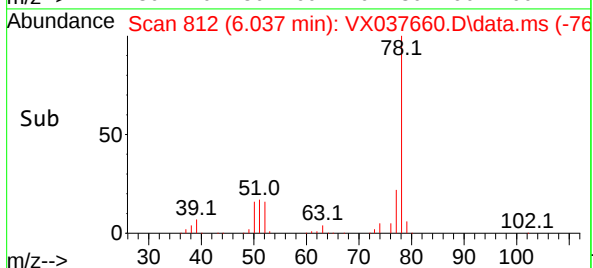
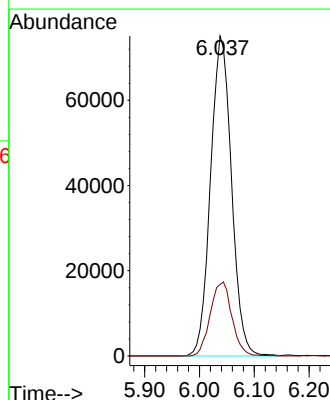
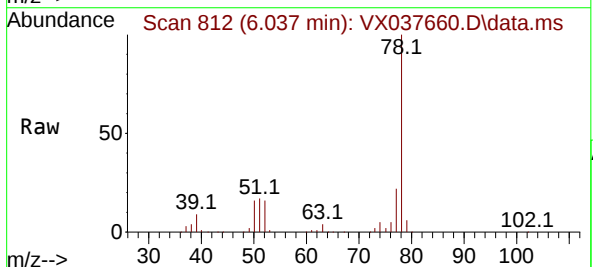
Acq: 12 Sep 2023 11:45

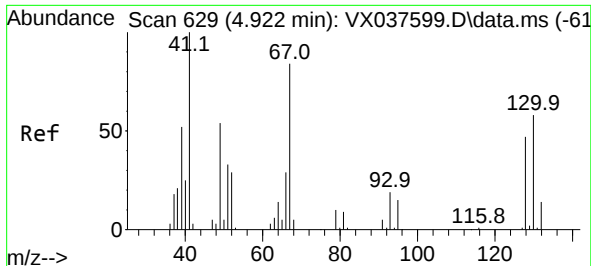
Tgt Ion: 78 Resp: 199303

Ion Ratio Lower Upper

78 100

77 22.3 19.3 28.9





#41
Methacrylonitrile
Concen: 18.041 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

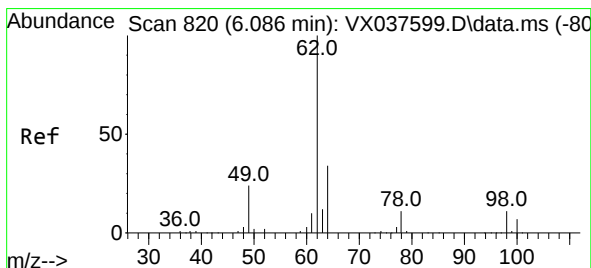
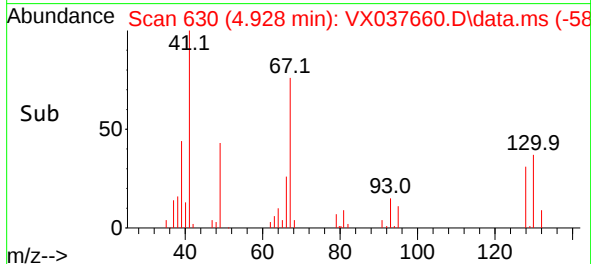
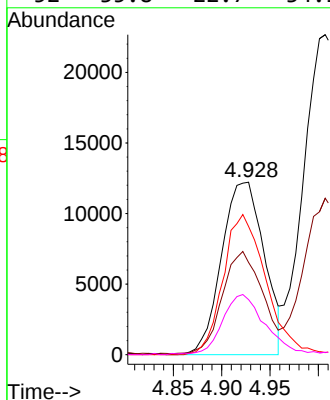
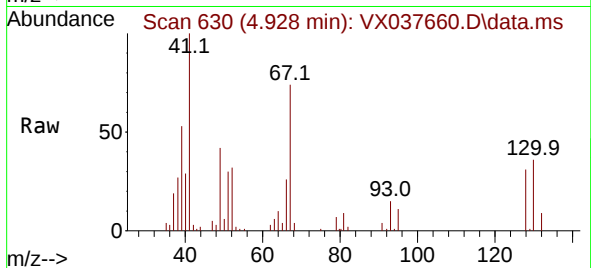
Tgt Ion: 41 Resp: 37420
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 81.8 52.6 78.8
52 35.8 22.7 34.1#

Manual Integrations

APPROVED

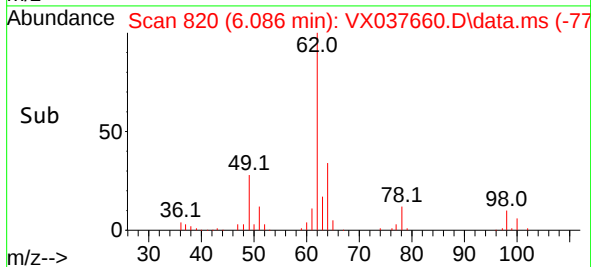
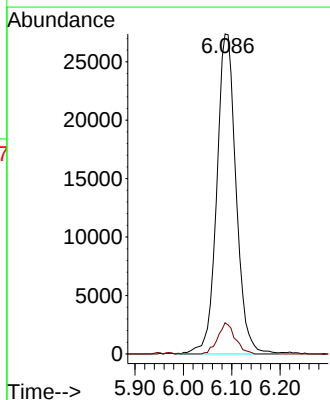
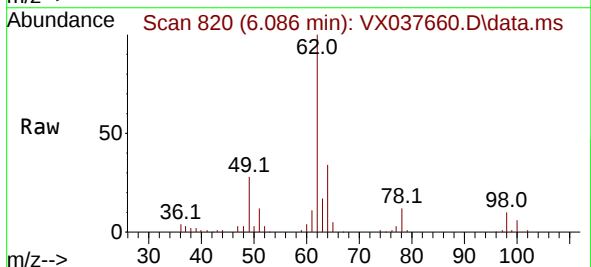
Reviewed By :John Carlone 09/13/2023

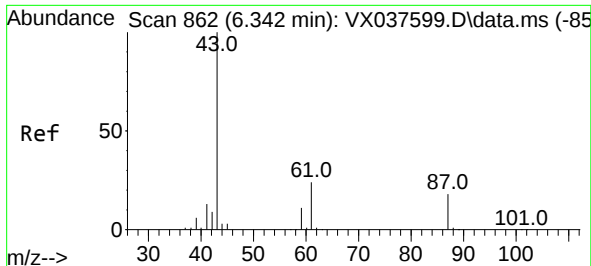
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 19.014 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 62 Resp: 75839
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.045 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX037660.D

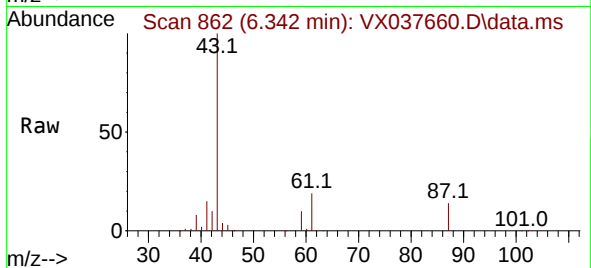
Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01



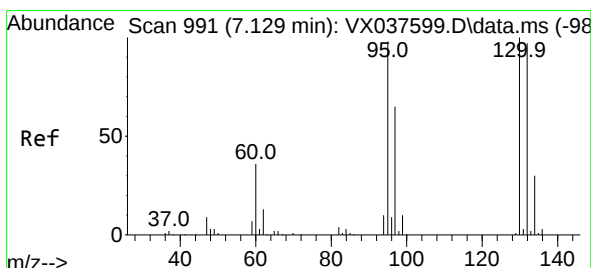
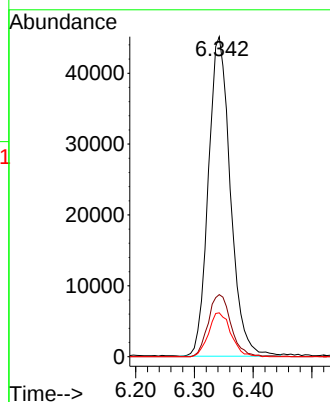
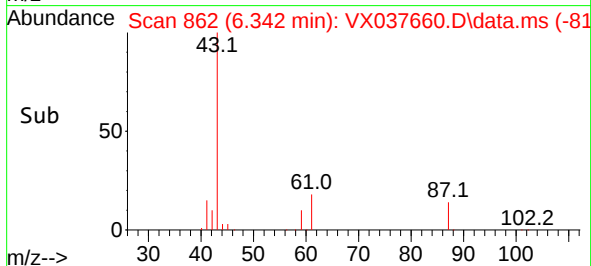
Tgt Ion:	43	Resp:	117530
Ion Ratio	Lower	Upper	
43	100		
61	20.2	15.2	22.8
87	13.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#44

Trichloroethene

Concen: 20.108 ug/l

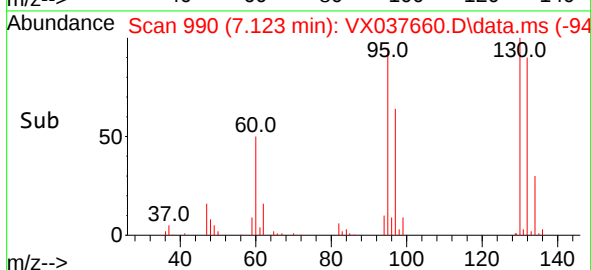
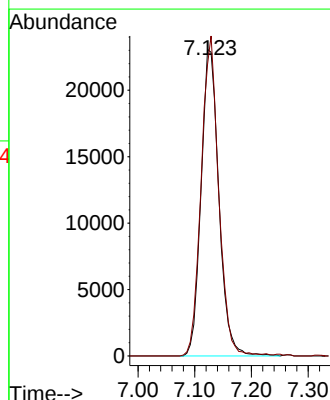
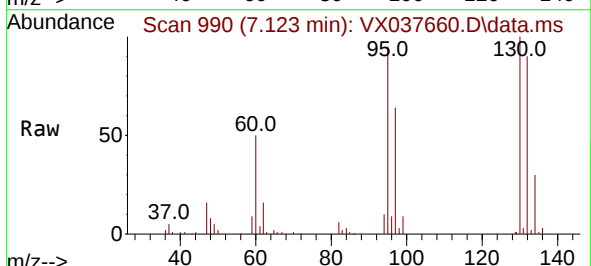
RT: 7.123 min Scan# 990

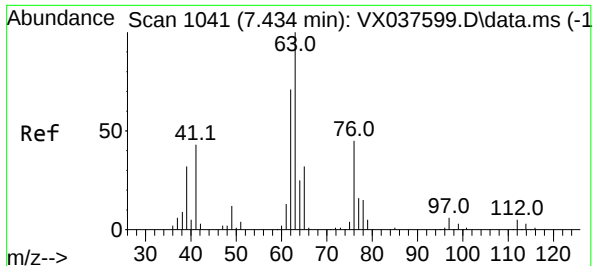
Delta R.T. -0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Tgt Ion:	130	Resp:	50515
Ion Ratio	Lower	Upper	
130	100		
95	95.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.419 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 63 Resp: 5244

Ion Ratio Lower Upper

63 100

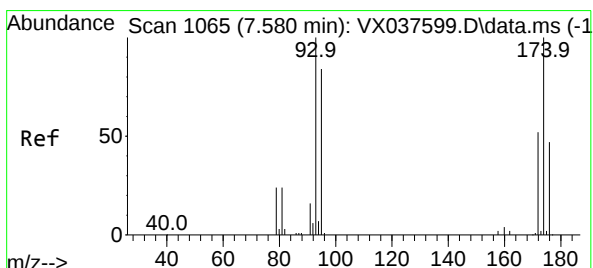
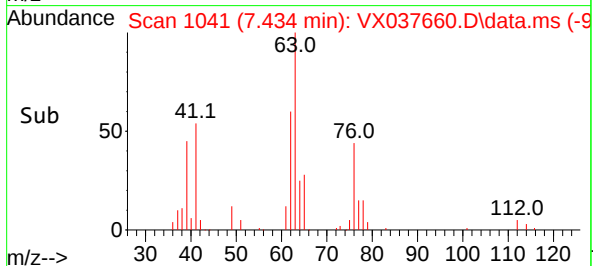
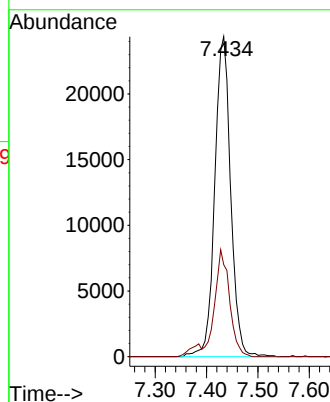
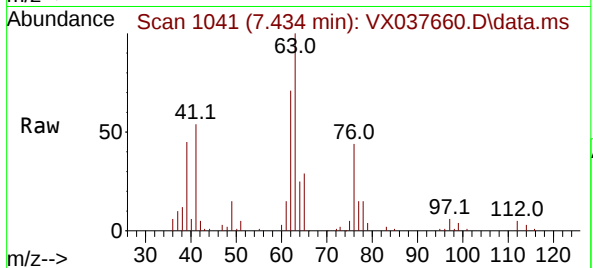
65 28.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#46

Dibromomethane

Concen: 19.156 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

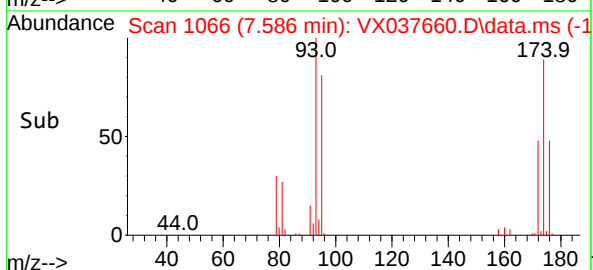
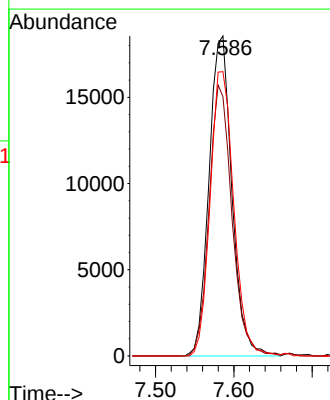
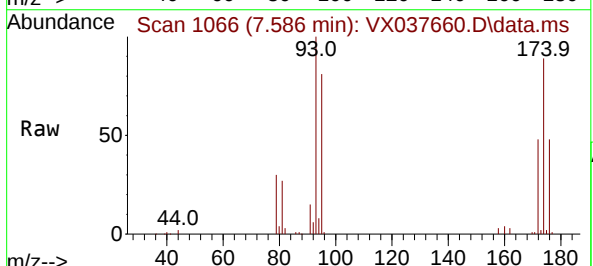
Tgt Ion: 93 Resp: 37748

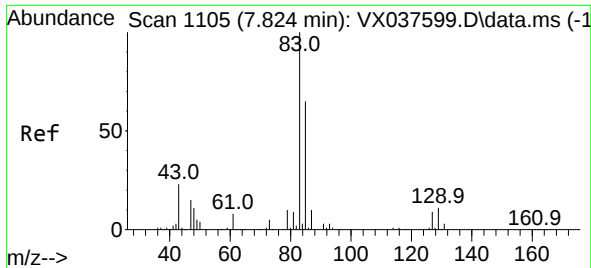
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

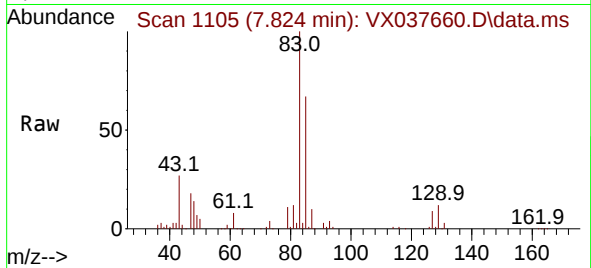
174 91.3 69.4 104.0





#47
Bromodichloromethane
Concen: 19.685 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

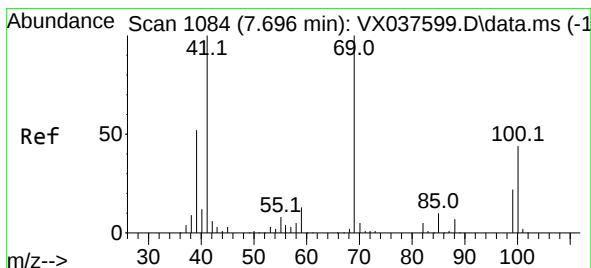
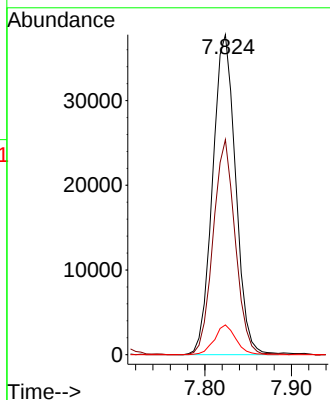
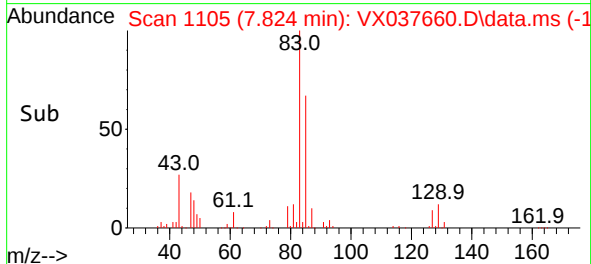
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion: 83 Resp: 6952
Ion Ratio Lower Upper
83 100
85 67.2 49.8 74.6
127 9.3 7.1 10.7

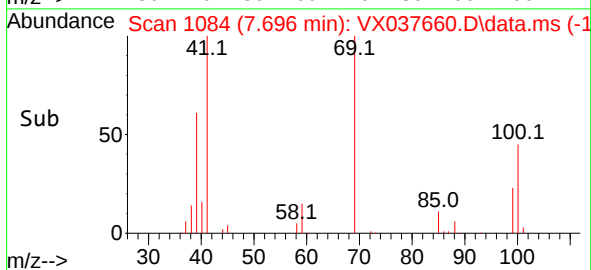
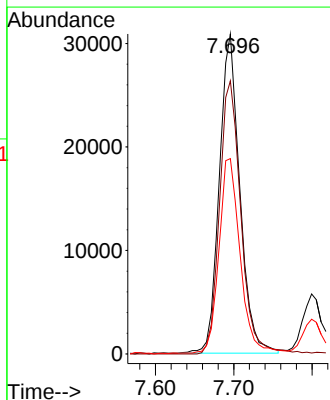
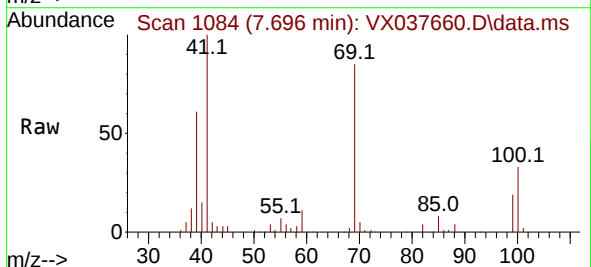
Manual Integrations
APPROVED

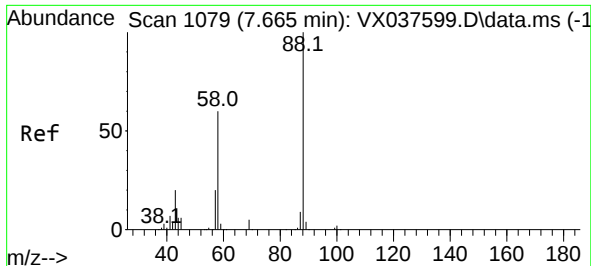
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 18.591 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 41 Resp: 56035
Ion Ratio Lower Upper
41 100
69 89.3 59.2 88.8
39 64.2 47.7 71.5





#49

1,4-Dioxane

Concen: 400.245 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

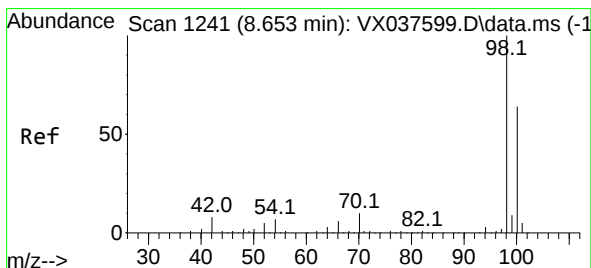
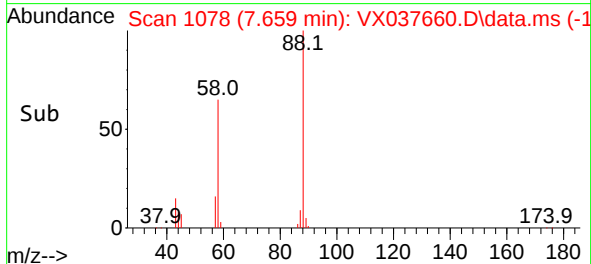
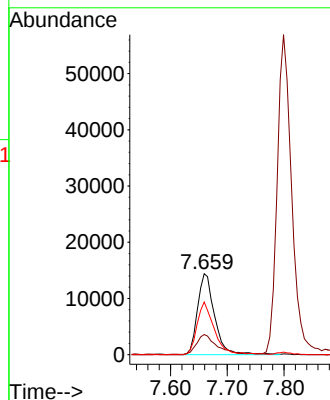
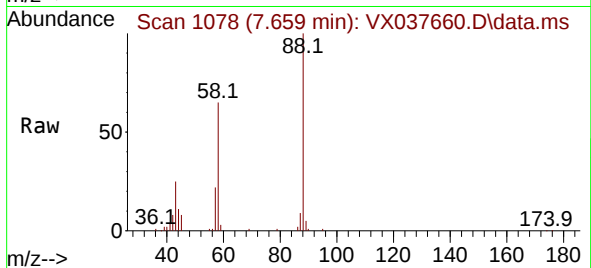
Tgt Ion: 88 Resp: 30048
 Ion Ratio Lower Upper
 88 100
 43 29.9 0.0 0.0
 58 65.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#50

Toluene-d8

Concen: 52.333 ug/l

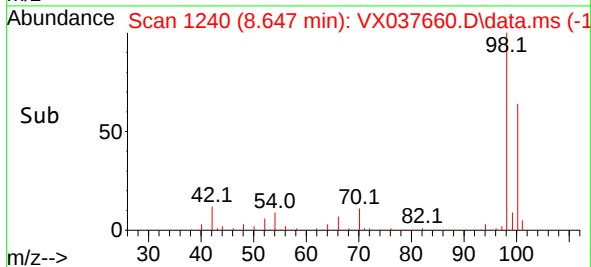
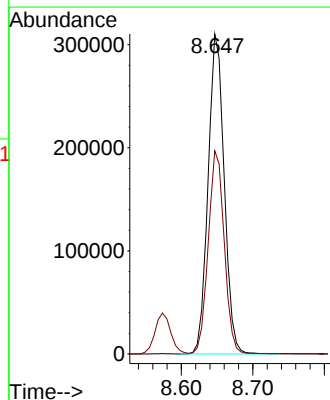
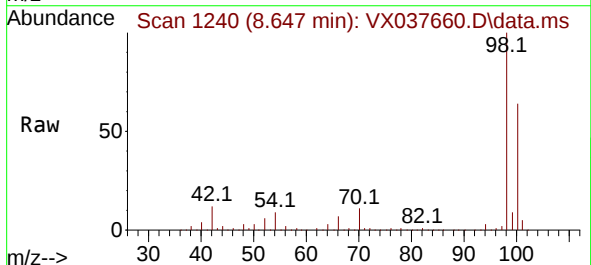
RT: 8.647 min Scan# 1240

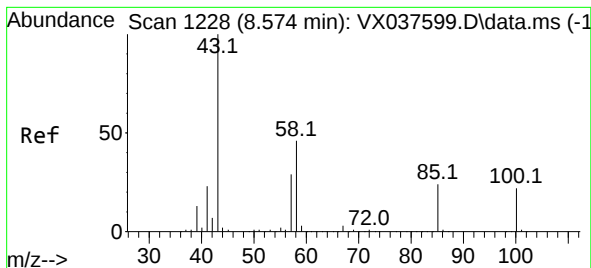
Delta R.T. -0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Tgt Ion: 98 Resp: 484502
 Ion Ratio Lower Upper
 98 100
 100 63.4 53.1 79.7





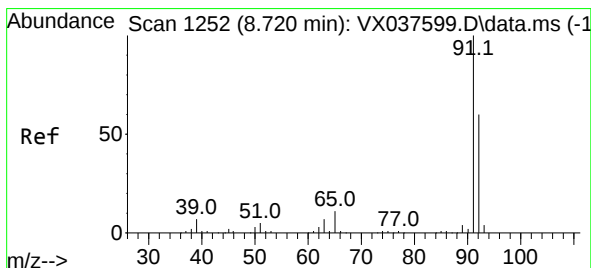
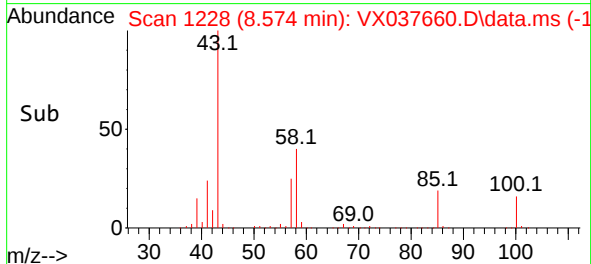
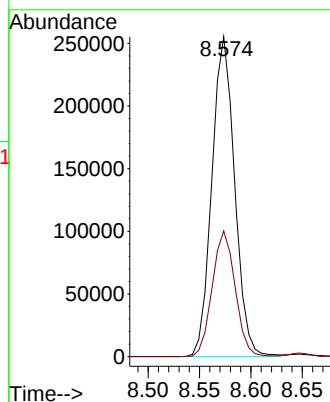
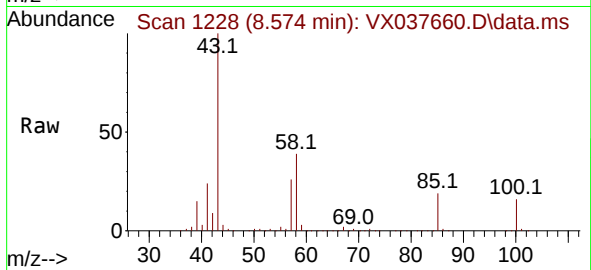
#51
4-Methyl-2-Pentanone
Concen: 96.630 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 43 Resp: 39319
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

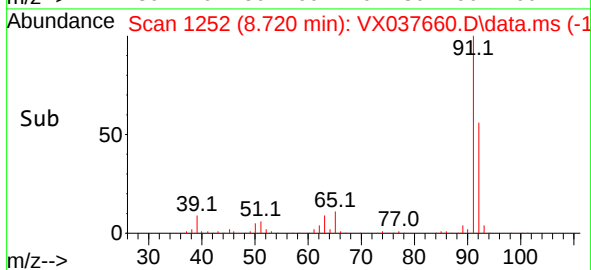
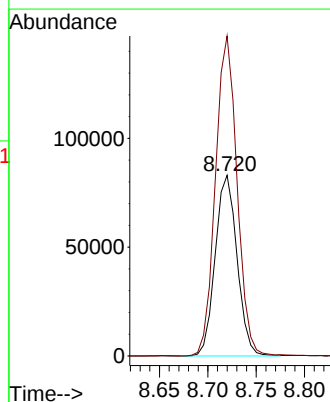
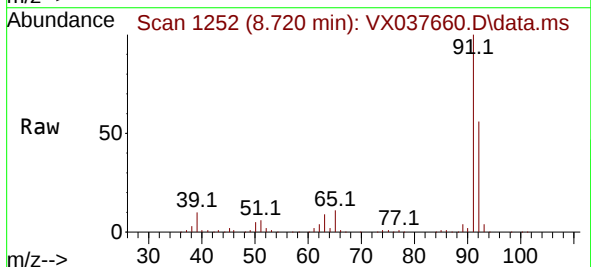
Manual Integrations
APPROVED

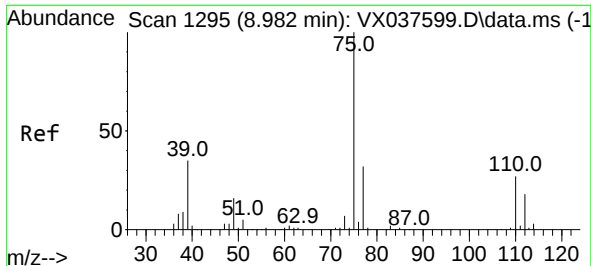
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#52
Toluene
Concen: 19.970 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 92 Resp: 130066
Ion Ratio Lower Upper
92 100
91 176.2 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 20.465 ug/l
RT: 8.976 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

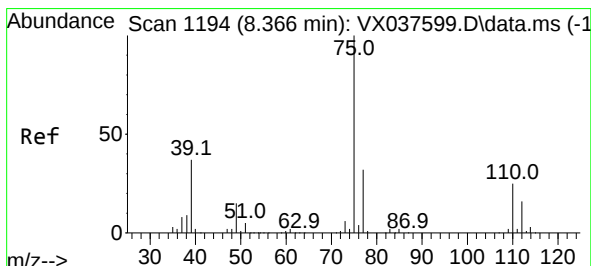
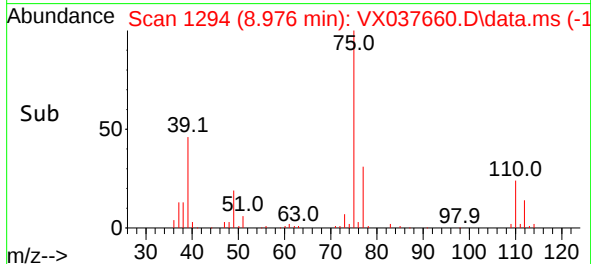
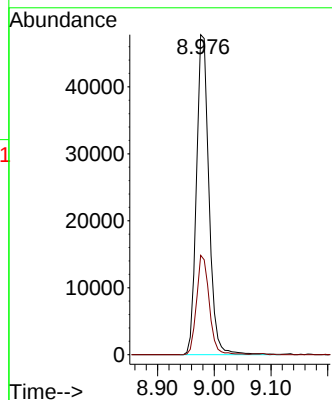
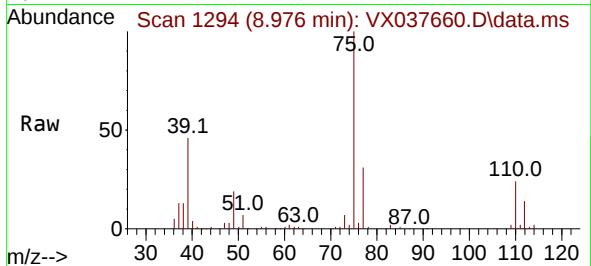
VX0912WBSD01

Tgt Ion: 75 Resp: 7305
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

Manual Integrations

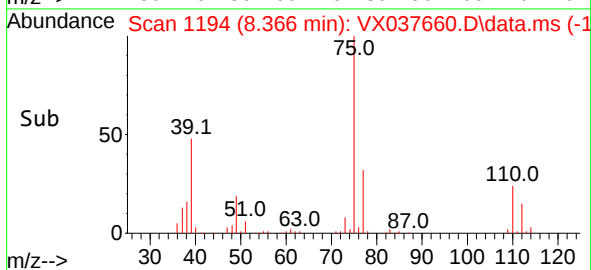
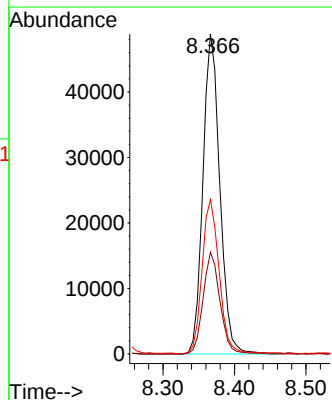
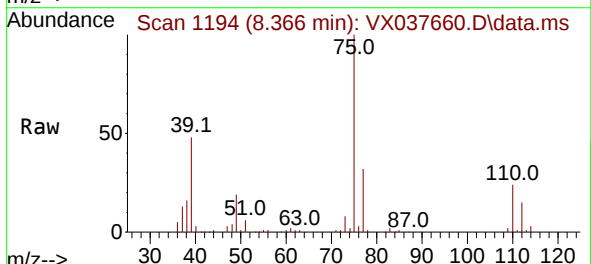
APPROVED

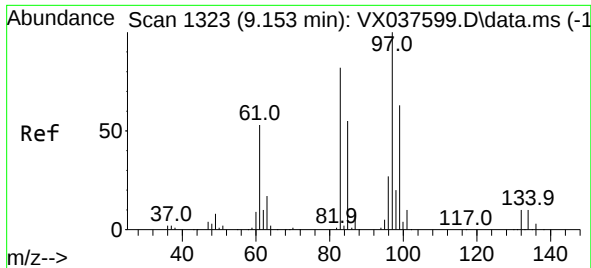
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#54
cis-1,3-Dichloropropene
Concen: 20.598 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

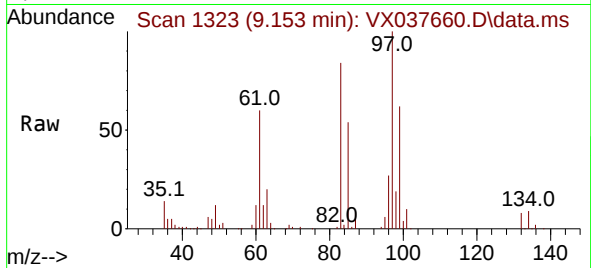
Tgt Ion: 75 Resp: 80189
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 48.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.475 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

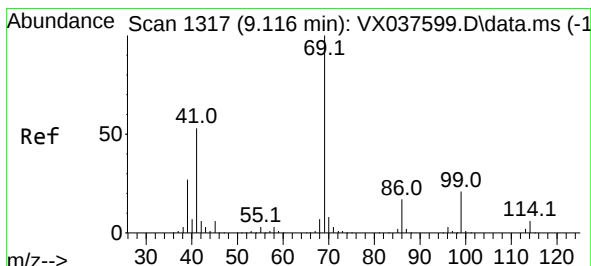
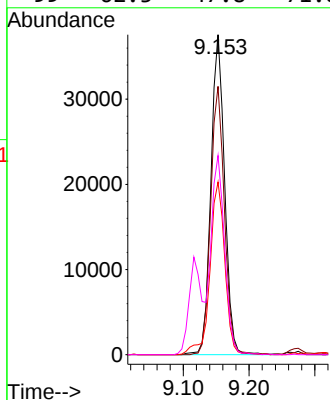
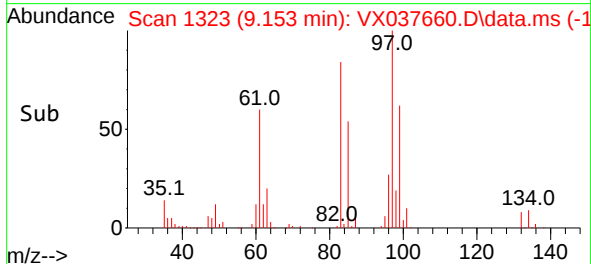
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.8	98.8
85	54.0	41.6	62.4
99	62.3	47.8	71.8

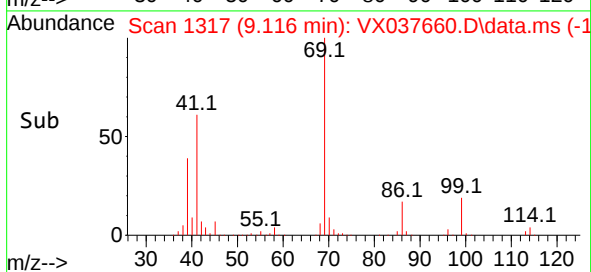
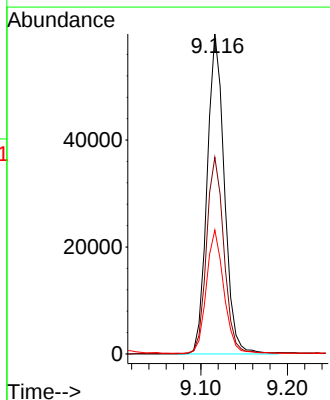
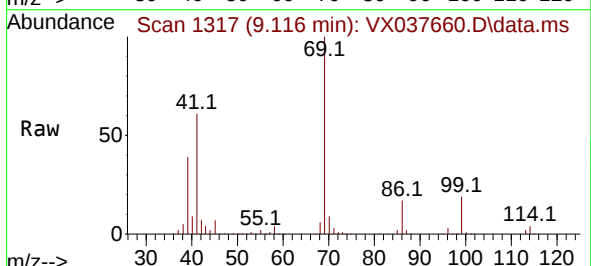
Manual Integrations
APPROVED

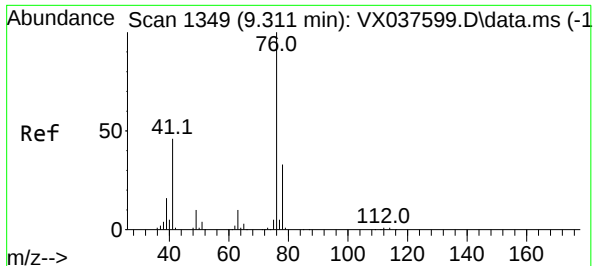
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#56
Ethyl methacrylate
Concen: 19.677 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	56.8	85.2
39	39.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.444 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 76 Resp: 90652

Ion Ratio Lower Upper

76 100

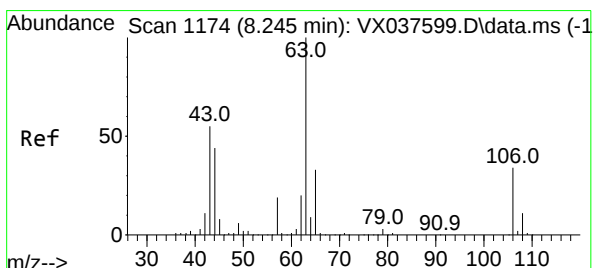
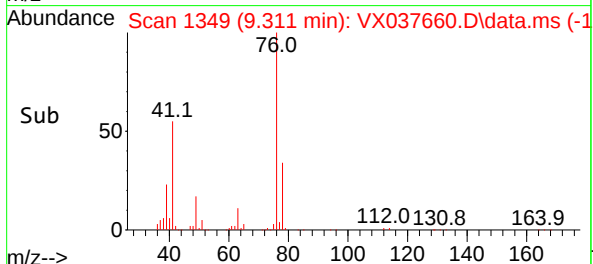
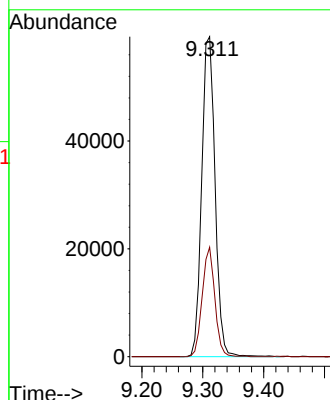
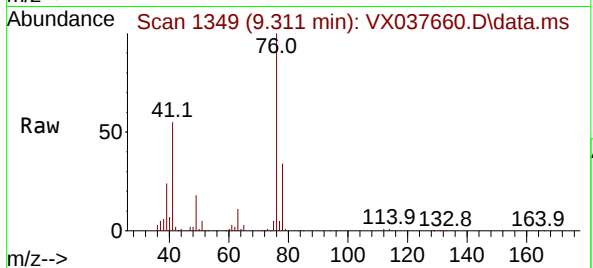
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.406 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037660.D

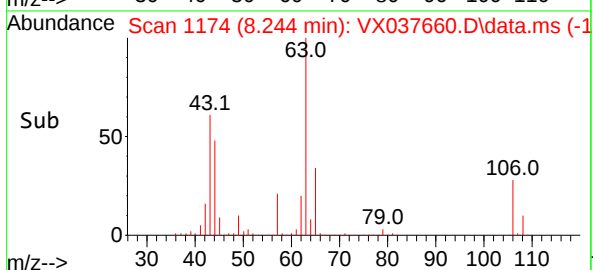
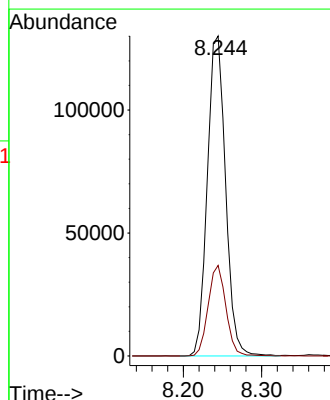
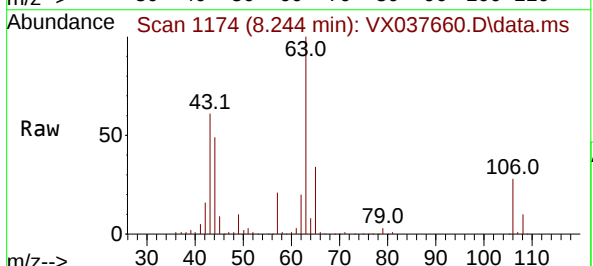
Acq: 12 Sep 2023 11:45

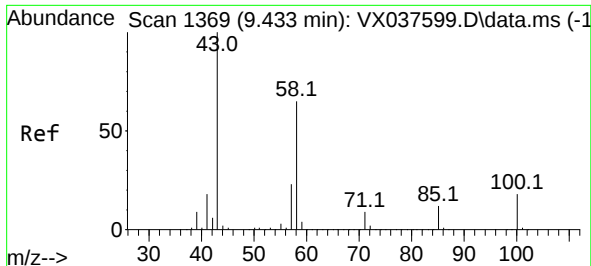
Tgt Ion: 63 Resp: 210057

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7





#59

2-Hexanone

Concen: 99.203 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 43 Resp: 30962

Ion Ratio Lower Upper

43 100

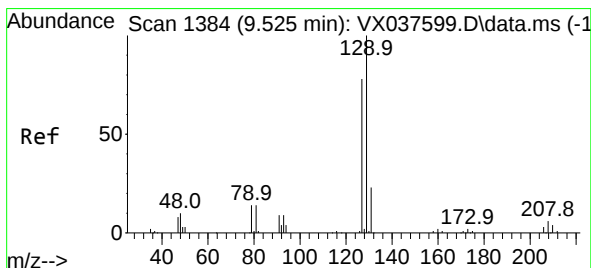
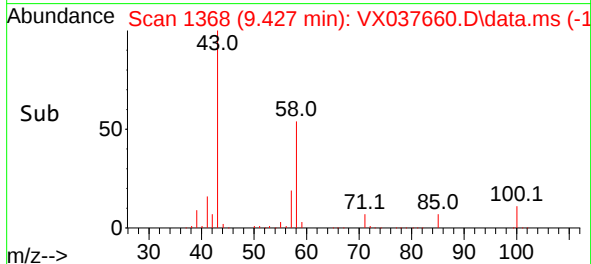
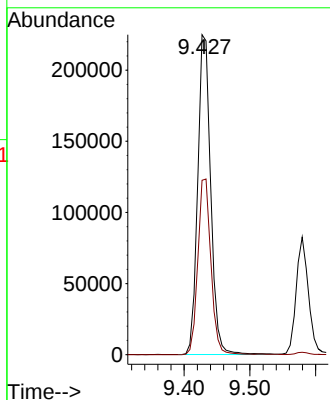
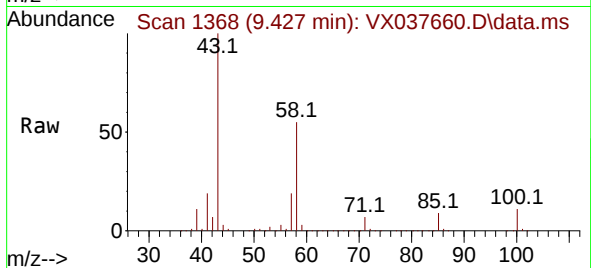
58 55.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#60

Dibromochloromethane

Concen: 19.728 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037660.D

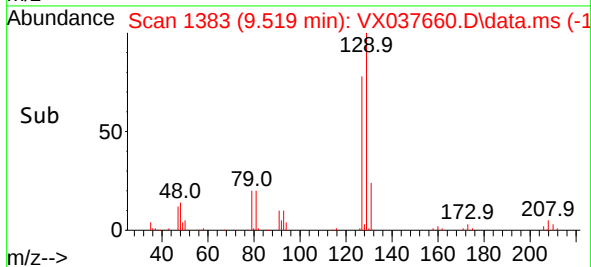
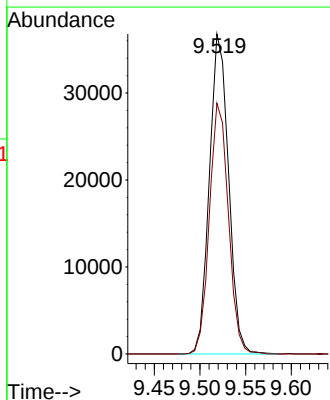
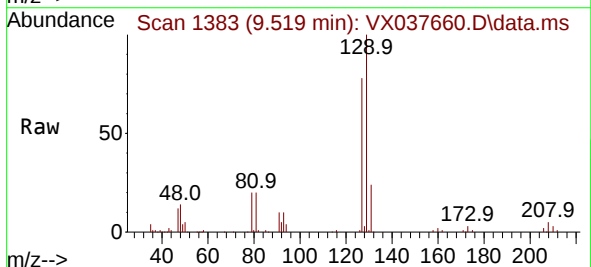
Acq: 12 Sep 2023 11:45

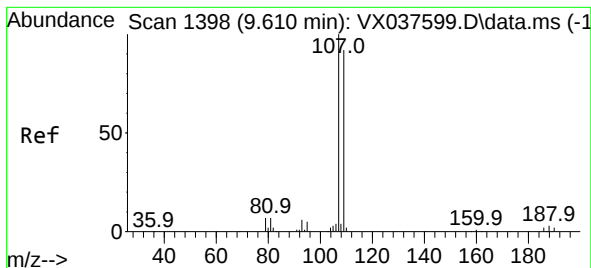
Tgt Ion:129 Resp: 53629

Ion Ratio Lower Upper

129 100

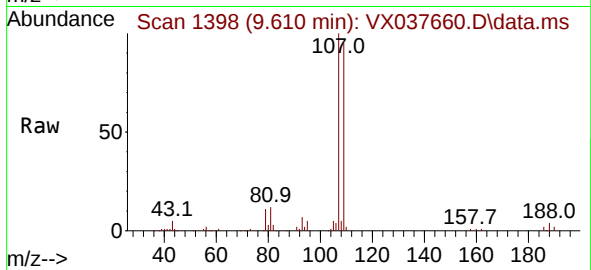
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.456 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

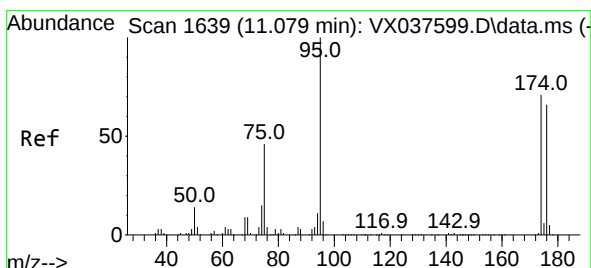
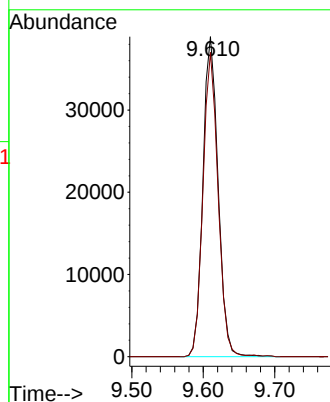
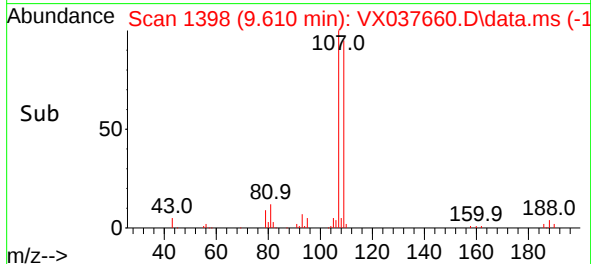
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



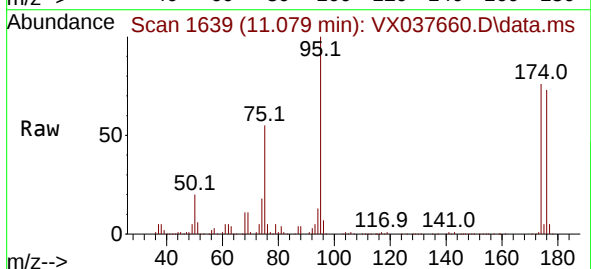
Tgt Ion:107 Resp: 57459
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

Manual Integrations
APPROVED

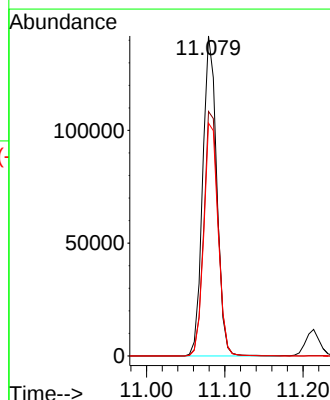
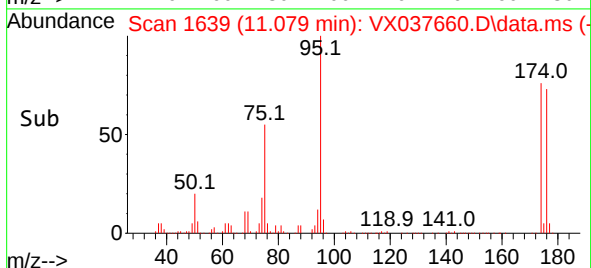
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

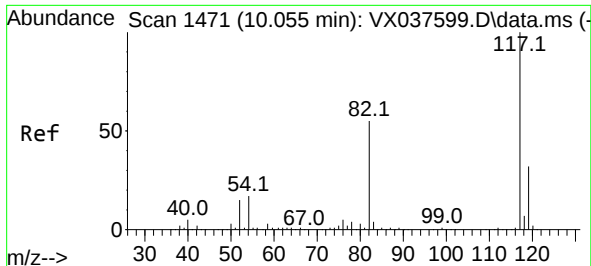


#62
4-Bromofluorobenzene
Concen: 52.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45



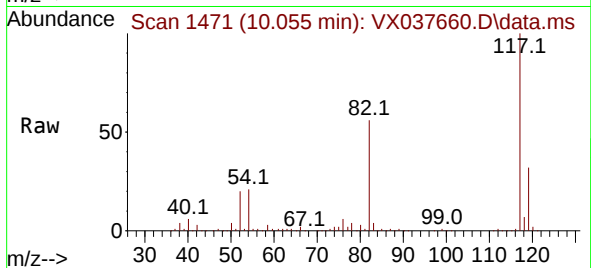
Tgt Ion: 95 Resp: 176591
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

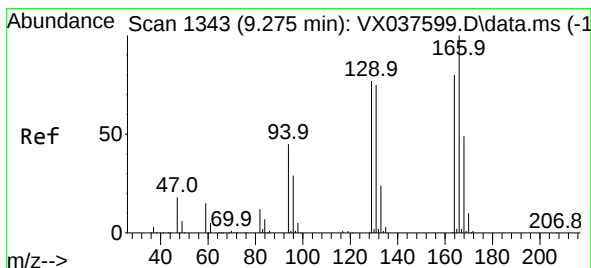
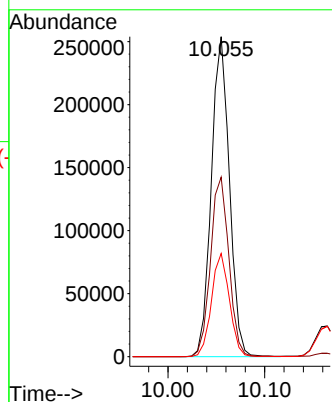
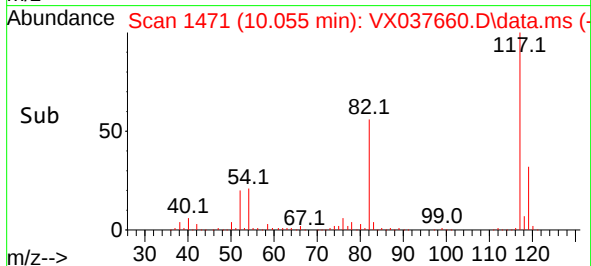
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion:117 Resp: 329620
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.3 25.5 38.3

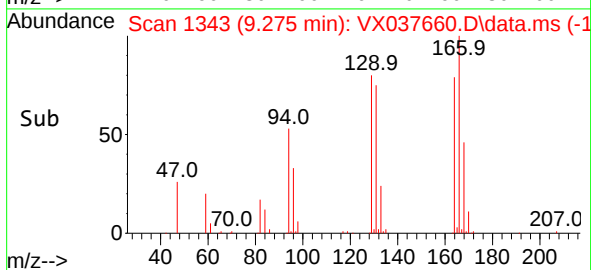
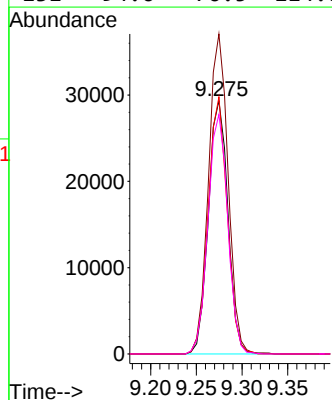
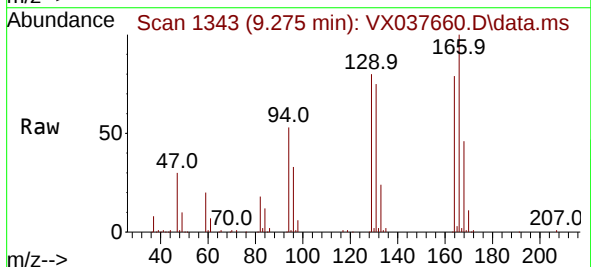
Manual Integrations
APPROVED

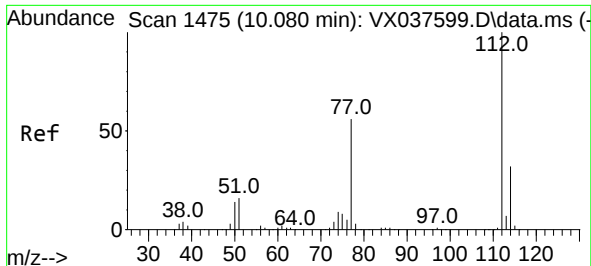
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 20.597 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

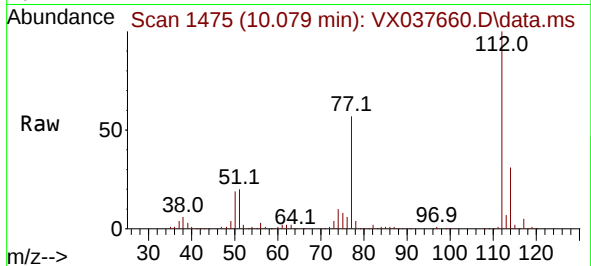
Tgt Ion:164 Resp: 43491
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 101.5 80.4 120.6
131 94.6 76.5 114.7





#65
Chlorobenzene
Concen: 19.944 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

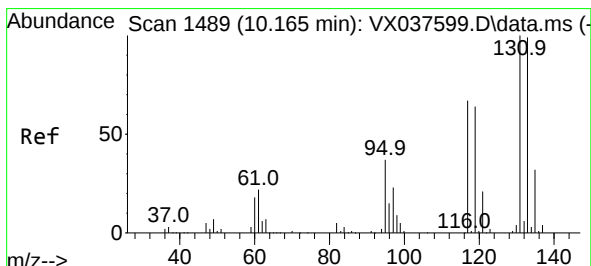
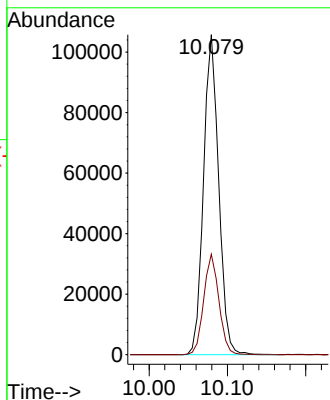
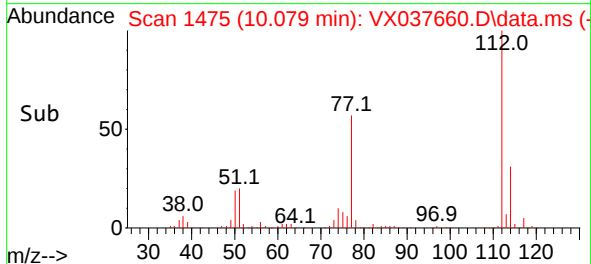
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



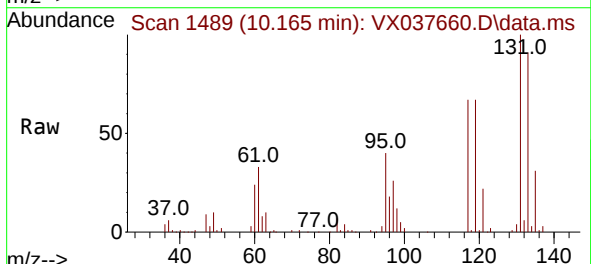
Tgt Ion:112 Resp: 141724
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

Manual Integrations
APPROVED

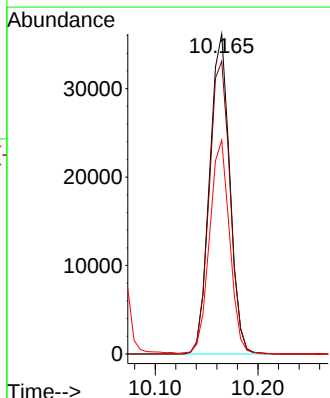
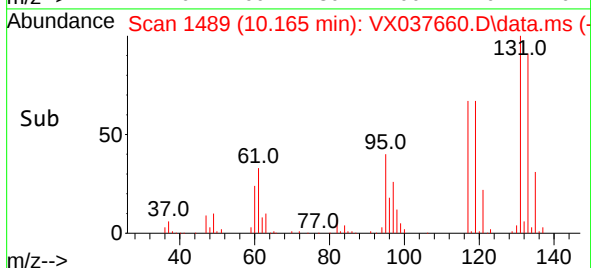
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

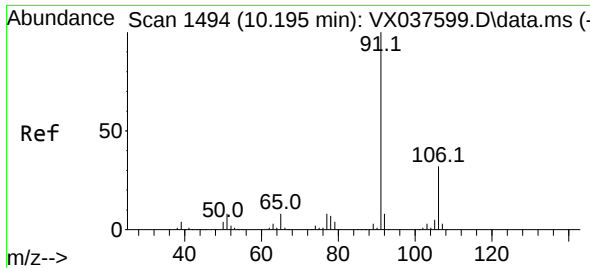


#66
1,1,1,2-Tetrachloroethane
Concen: 19.880 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45



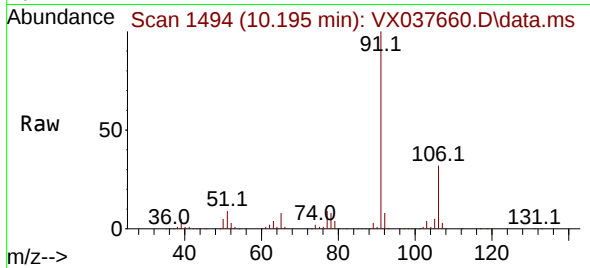
Tgt Ion:131 Resp: 49301
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 66.6 32.2 96.6





#67
Ethyl Benzene
Concen: 20.291 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

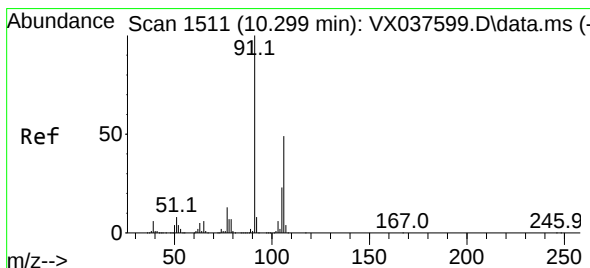
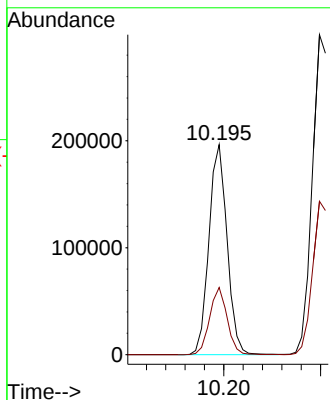
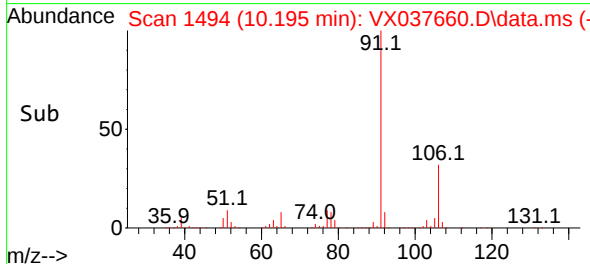
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



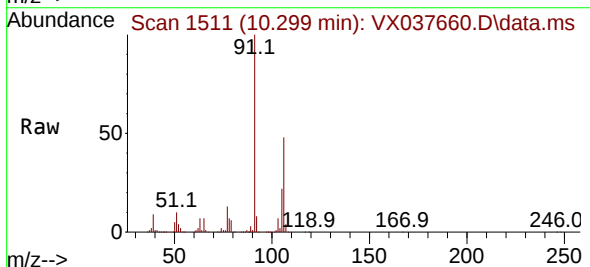
Tgt Ion: 91 Resp: 256419
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

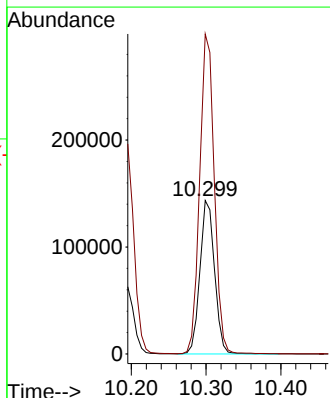
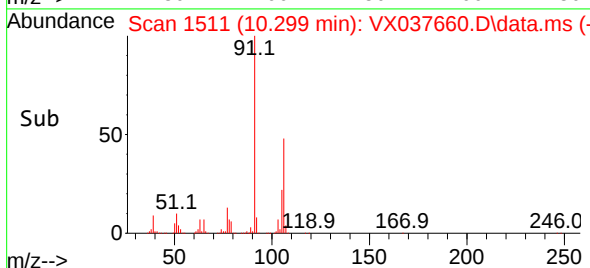
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

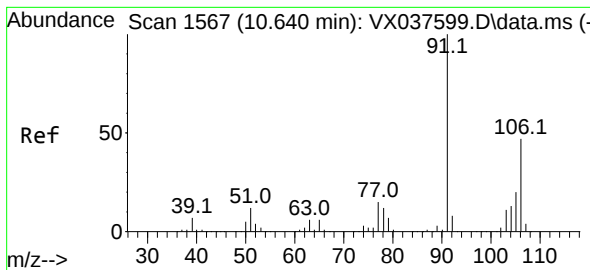


#68
m/p-Xylenes
Concen: 40.462 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45



Tgt Ion:106 Resp: 194824
Ion Ratio Lower Upper
106 100
91 208.7 165.5 248.3





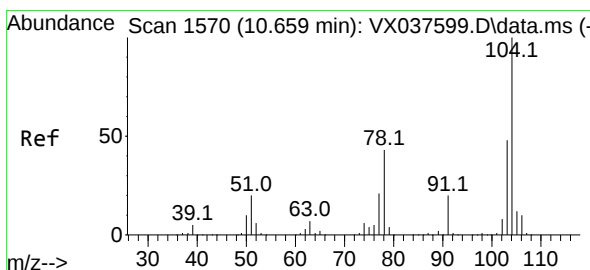
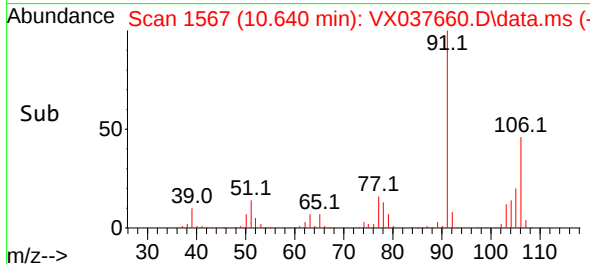
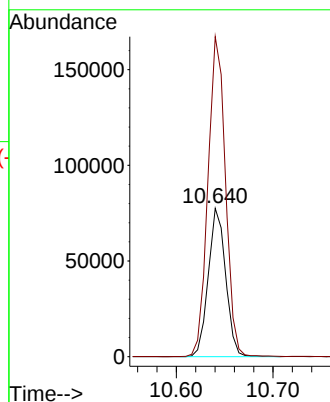
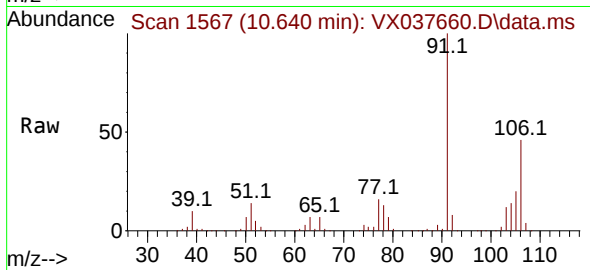
#69
o-Xylene
Concen: 20.341 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion:106 Resp: 97118
Ion Ratio Lower Upper
106 100
91 217.6 108.9 326.8

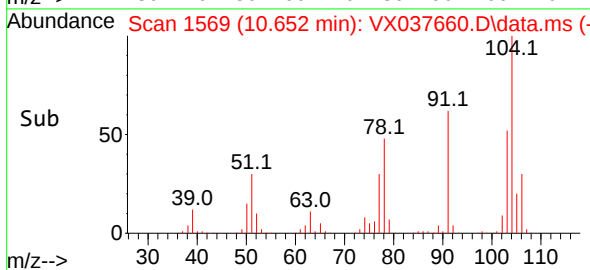
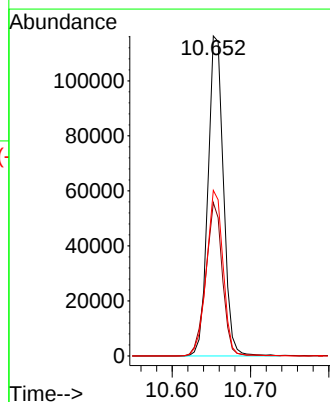
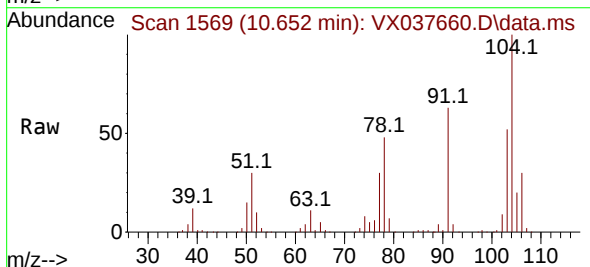
Manual Integrations
APPROVED

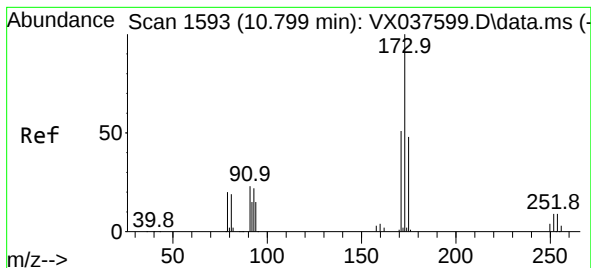
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 20.255 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion:104 Resp: 159554
Ion Ratio Lower Upper
104 100
78 51.3 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 19.545 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

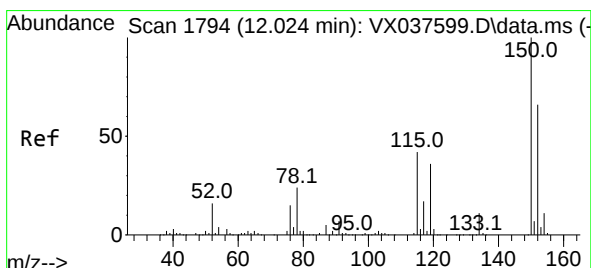
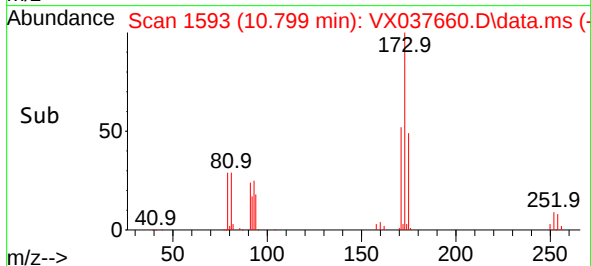
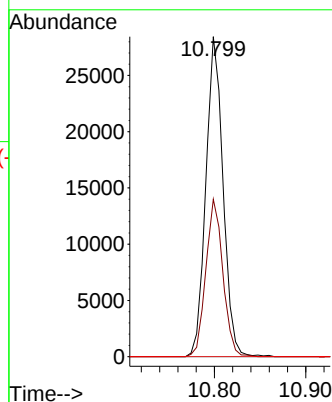
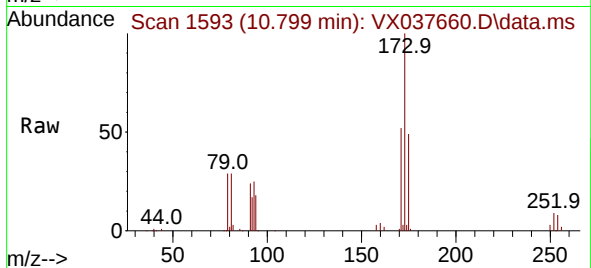
Tgt Ion:	173	Resp:	3705
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

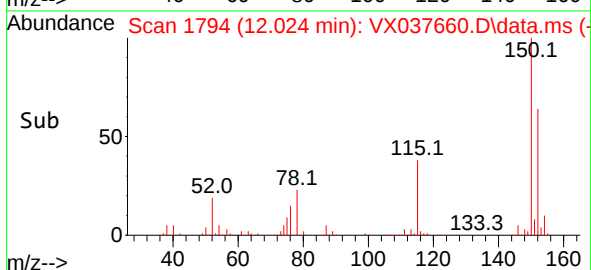
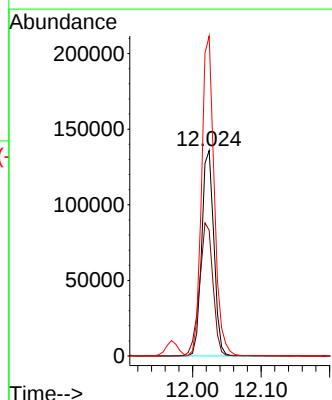
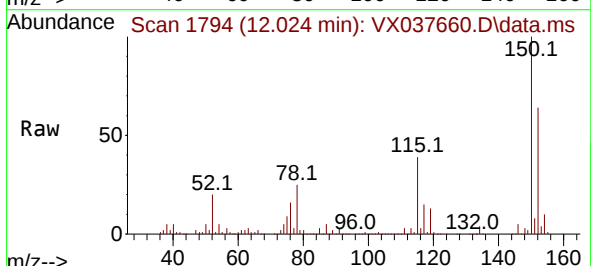
RT: 12.024 min Scan# 1794

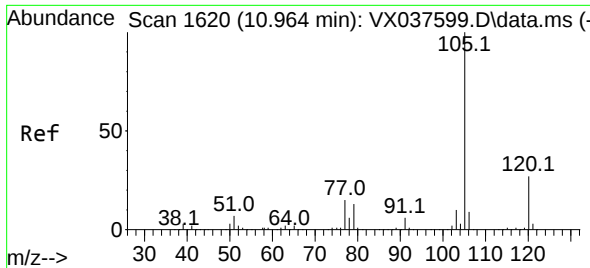
Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

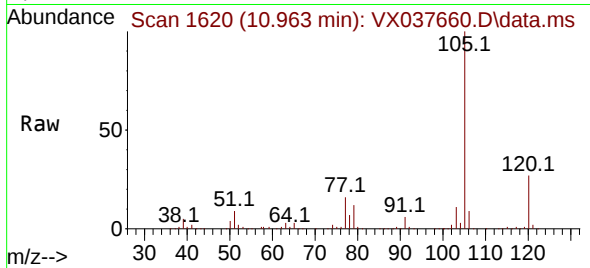
Tgt Ion:	152	Resp:	168765
Ion Ratio	Lower	Upper	
152	100		
115	71.8	43.3	129.9
150	161.3	0.0	345.0





#73
Isopropylbenzene
Concen: 20.226 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

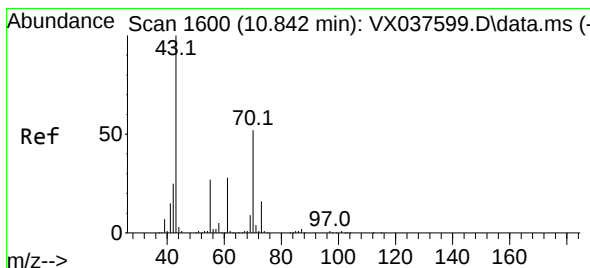
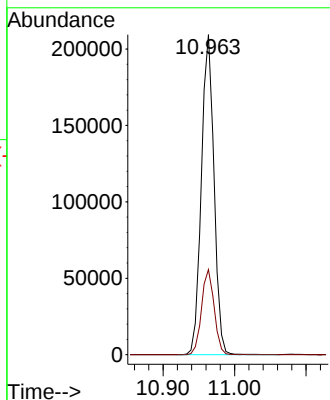
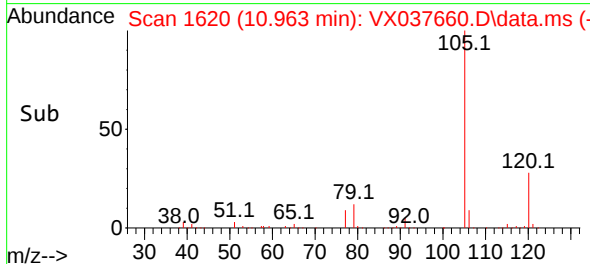
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



Tgt Ion:105 Resp: 256879
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

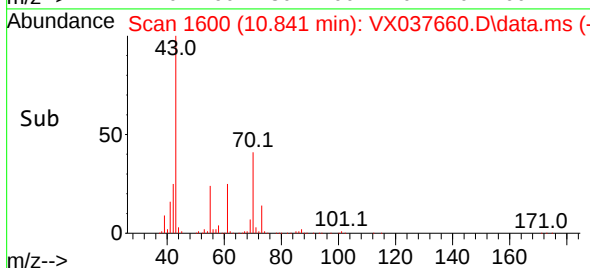
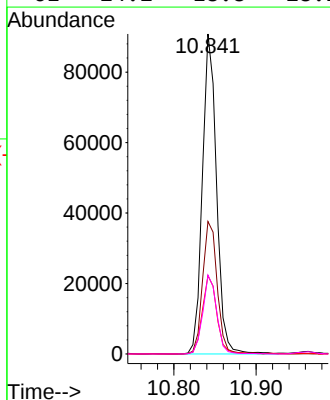
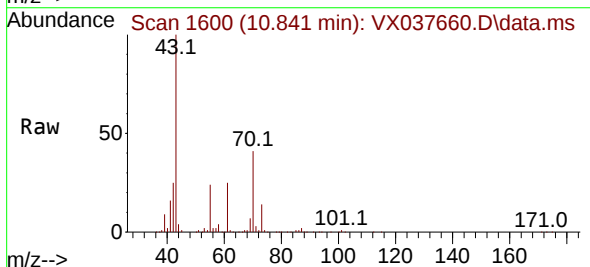
Manual Integrations
APPROVED

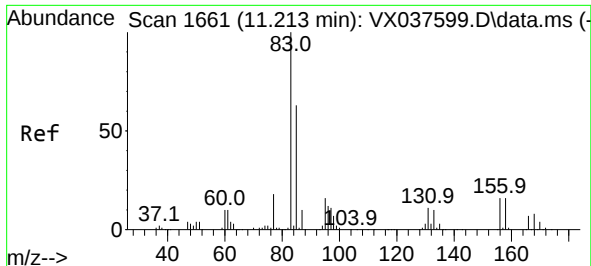
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#74
N-ethyl acetate
Concen: 19.385 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 43 Resp: 108684
Ion Ratio Lower Upper
43 100
70 42.8 32.9 49.3
55 25.0 19.3 28.9
61 24.2 18.8 28.2





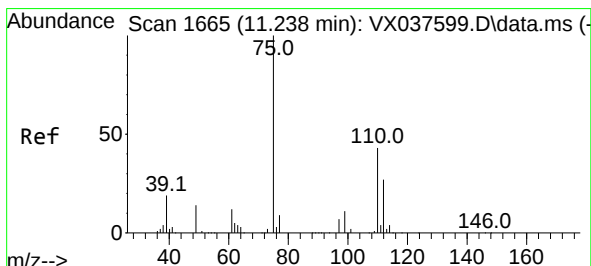
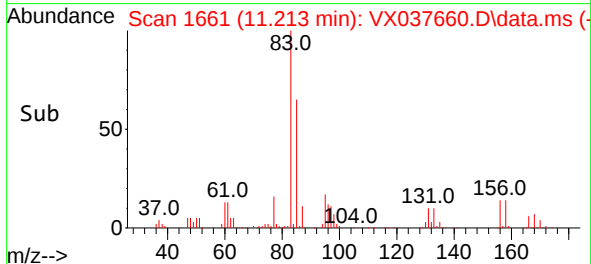
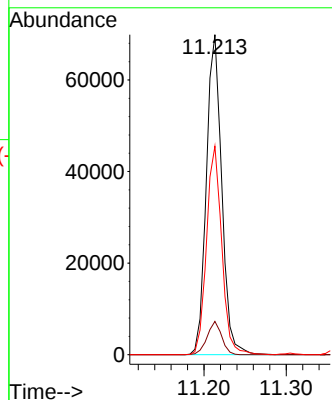
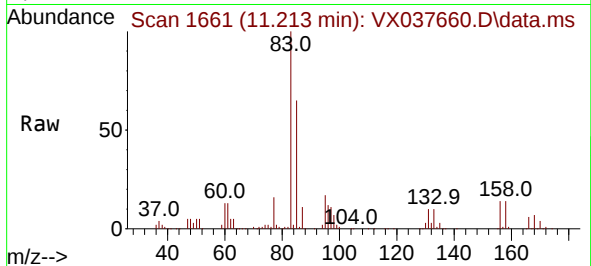
#75
1,1,2,2-Tetrachloroethane
Concen: 18.877 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 83 Resp: 90900
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.6 32.0 96.2

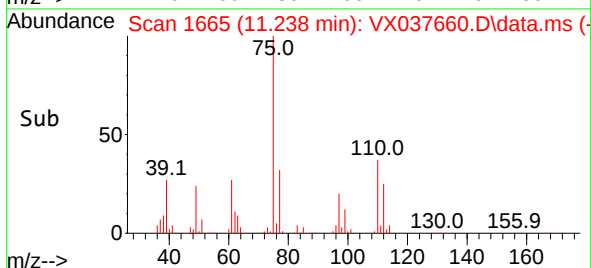
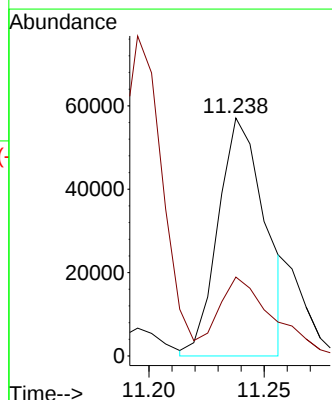
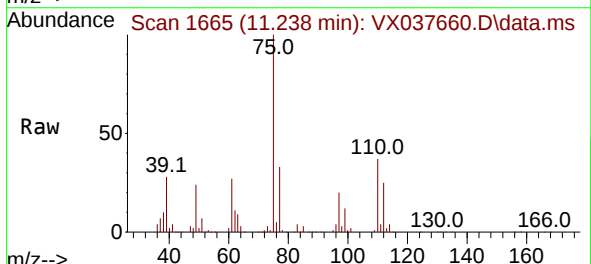
Manual Integrations
APPROVED

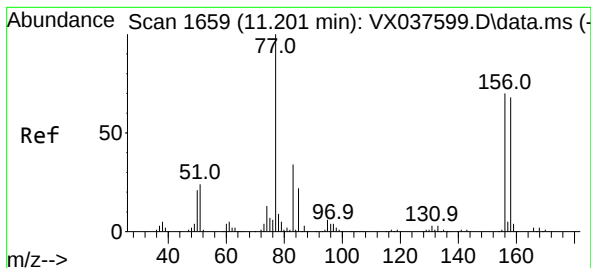
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 21.181 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion: 75 Resp: 80802
Ion Ratio Lower Upper
75 100
77 38.7 19.1 57.5





#77

Bromobenzene

Concen: 19.784 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

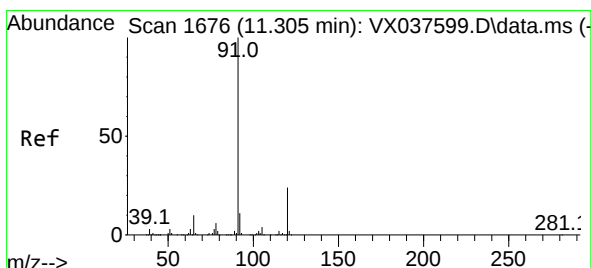
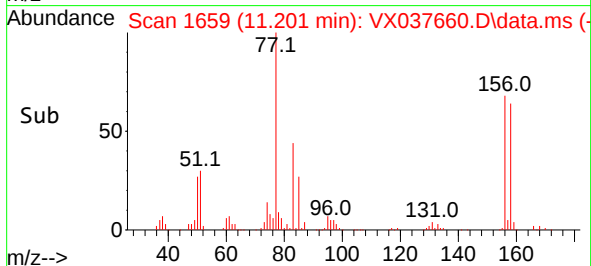
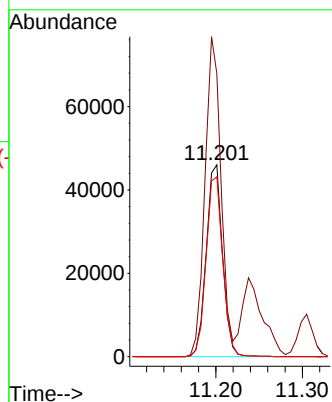
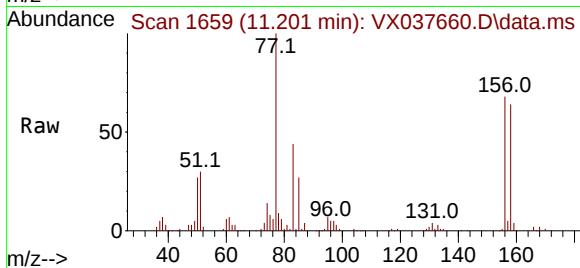
Tgt Ion:	156	Resp:	6030
Ion Ratio	Lower	Upper	
156	100		
77	163.1	88.4	265.3
158	95.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#78

n-propylbenzene

Concen: 20.547 ug/l

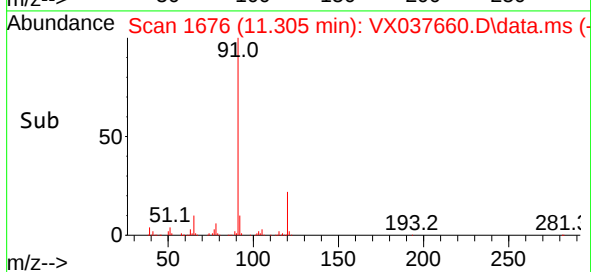
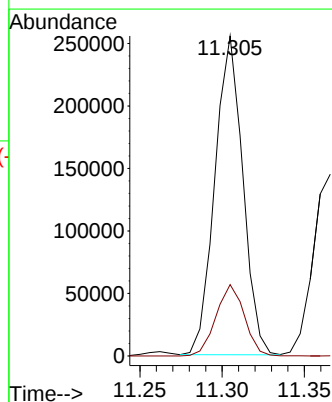
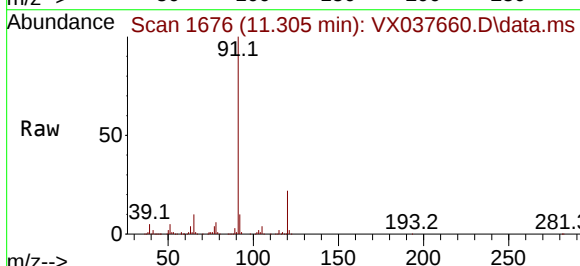
RT: 11.305 min Scan# 1676

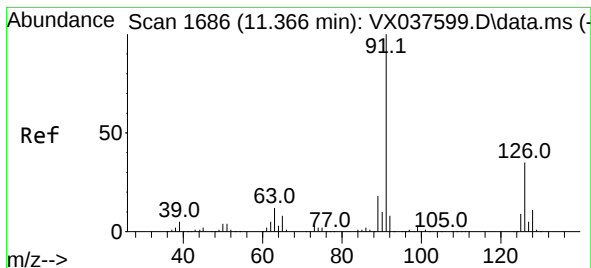
Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Tgt Ion:	91	Resp:	301188
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





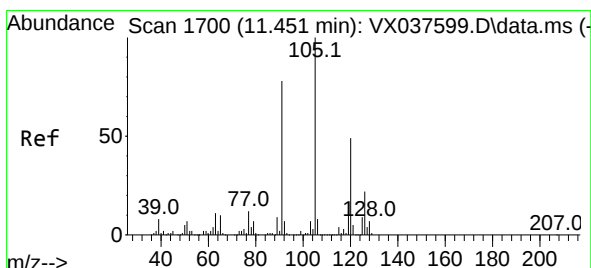
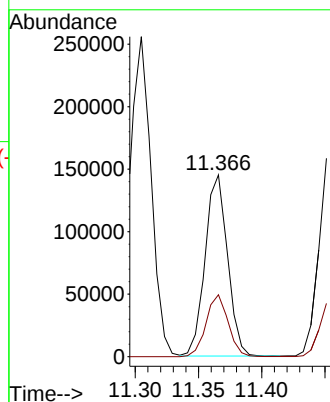
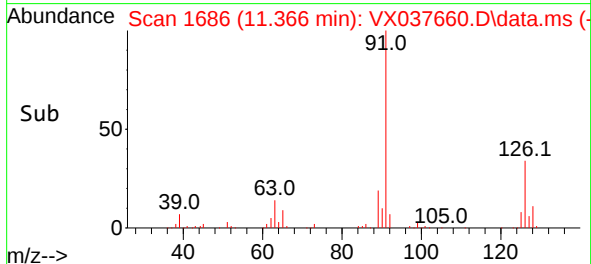
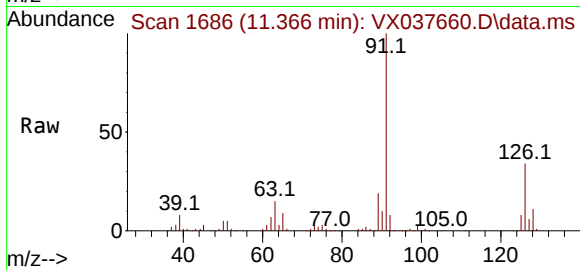
#79
2-Chlorotoluene
Concen: 19.841 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 91 Resp: 178860
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

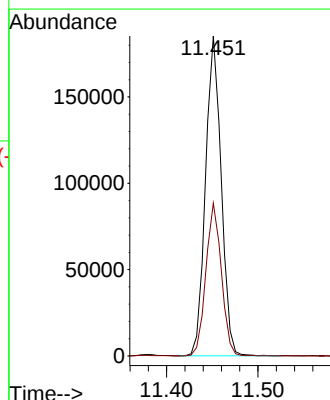
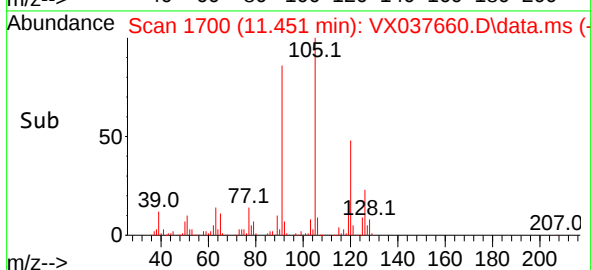
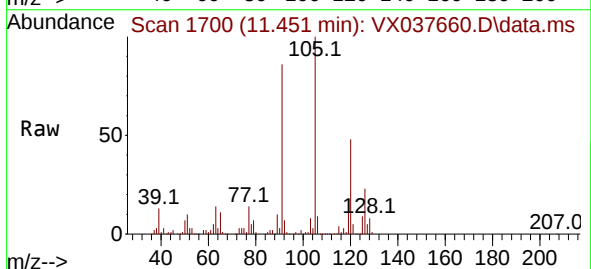
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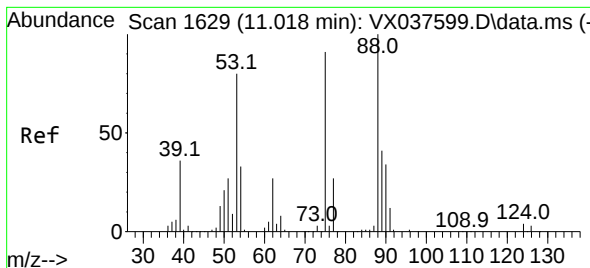
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.504 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Tgt Ion:105 Resp: 219984
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





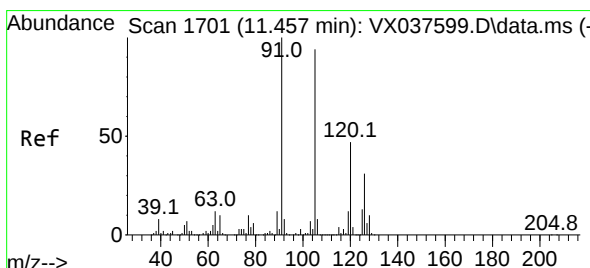
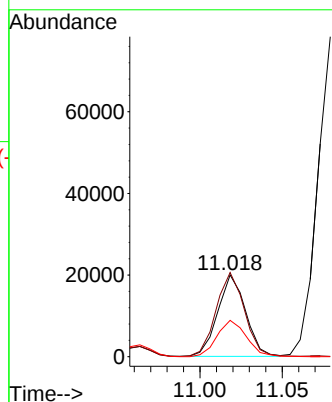
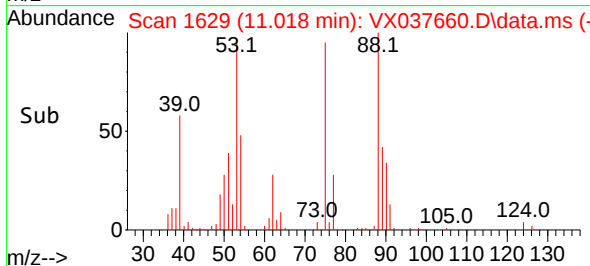
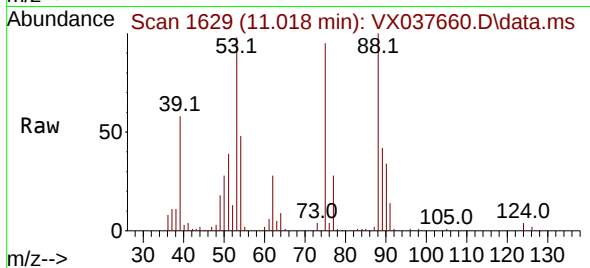
#81
trans-1,4-Dichloro-2-butene
Concen: 19.264 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01

Tgt Ion: 75 Resp: 2351
Ion Ratio Lower Upper
75 100
53 104.5 90.5 135.7
89 47.2 36.9 55.3

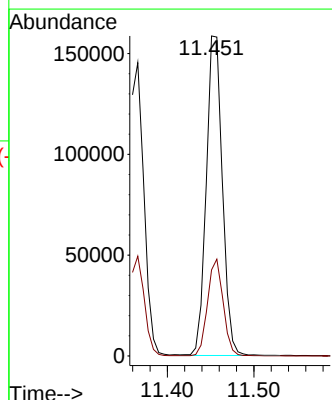
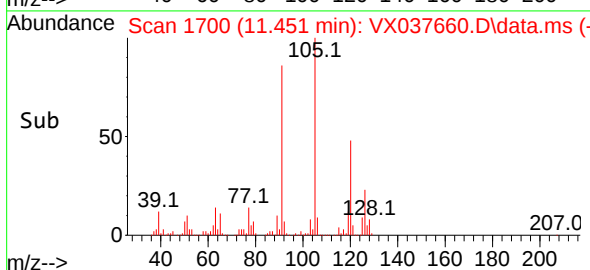
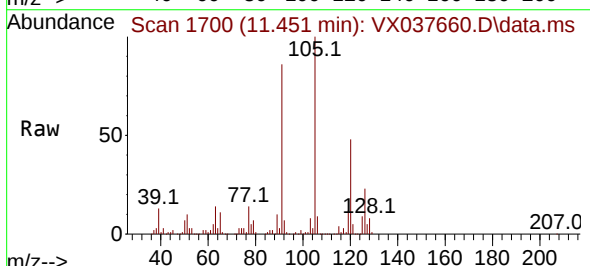
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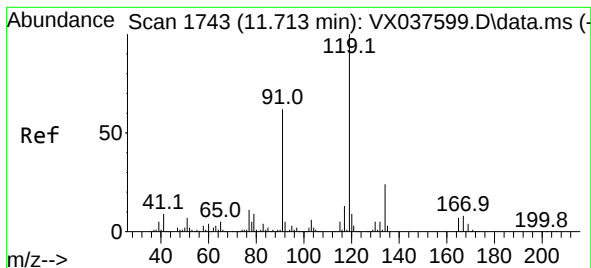
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 20.031 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

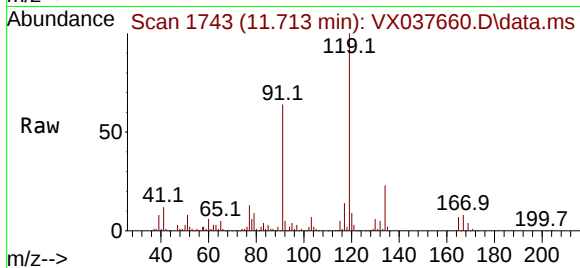
Tgt Ion: 91 Resp: 205517
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.097 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

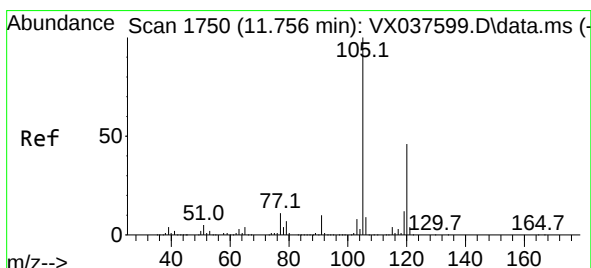
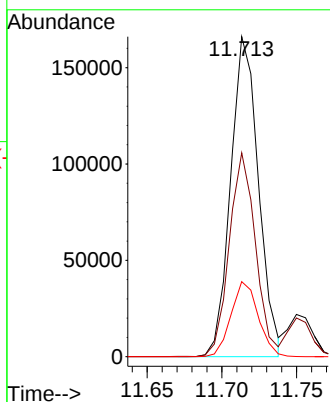
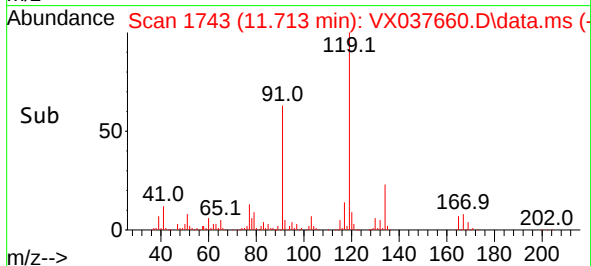
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



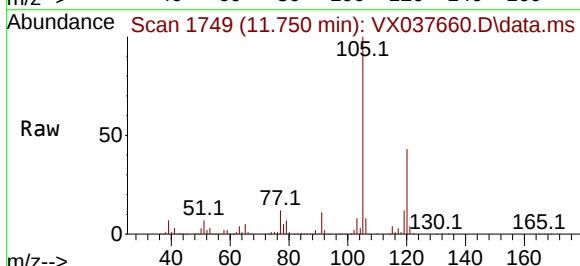
Tgt Ion:119 Resp: 214994
Ion Ratio Lower Upper
119 100
91 60.2 31.2 93.6
134 23.0 11.7 35.0

Manual Integrations
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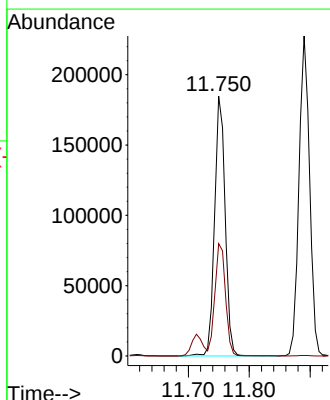
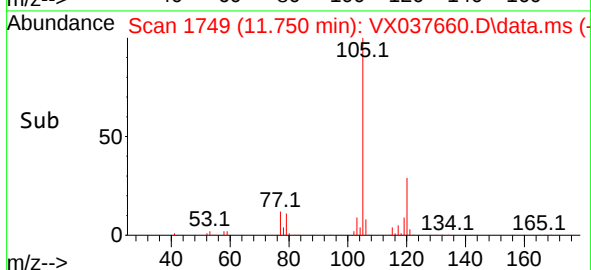
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

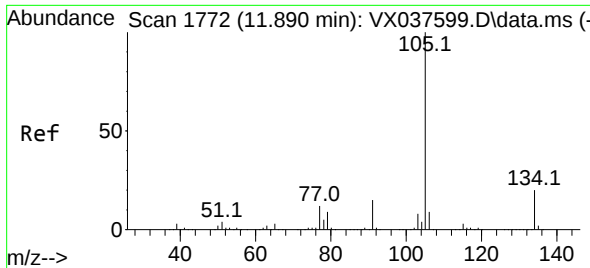


#84
1,2,4-Trimethylbenzene
Concen: 20.609 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45



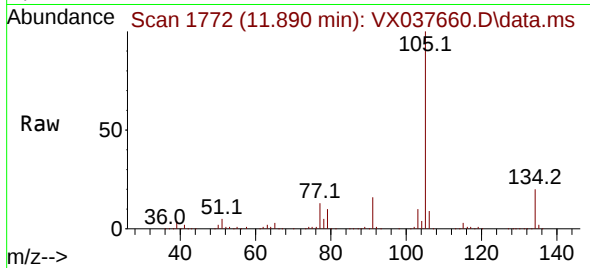
Tgt Ion:105 Resp: 222071
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.771 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037660.D
 Acq: 12 Sep 2023 11:45

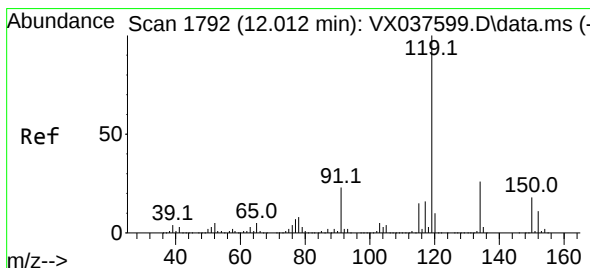
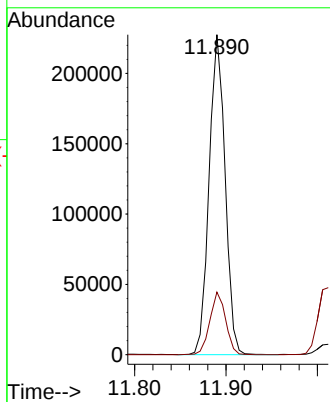
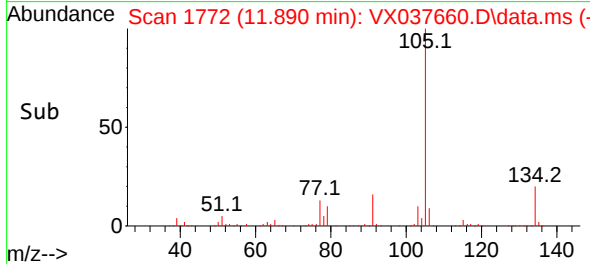
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBSD01



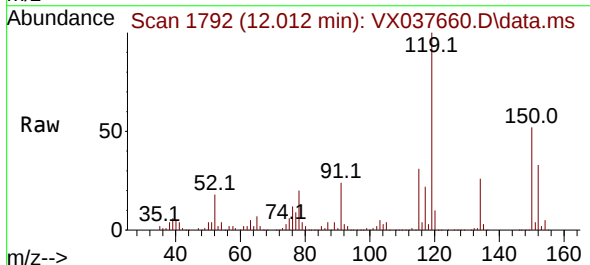
Tgt Ion:105 Resp: 27540
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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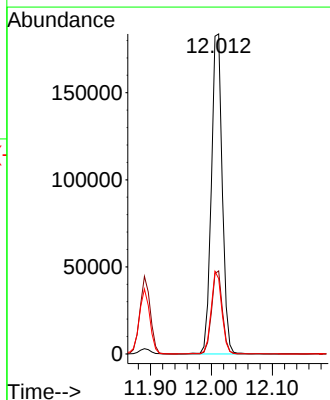
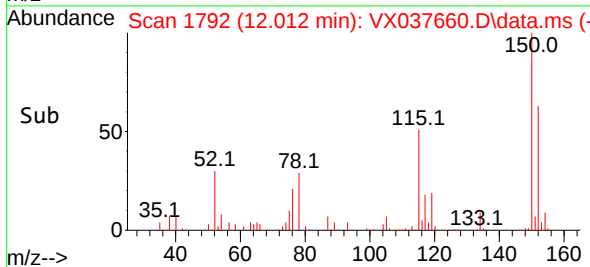
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

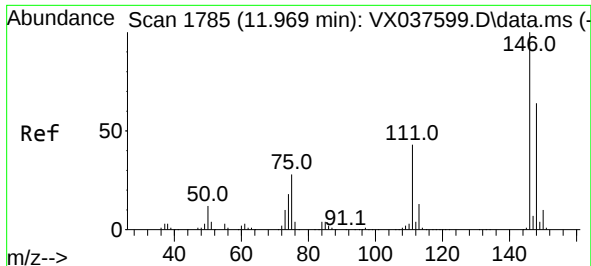


#86
 p-Isopropyltoluene
 Concen: 20.884 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037660.D
 Acq: 12 Sep 2023 11:45



Tgt Ion:119 Resp: 228027
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.633 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion:146 Resp: 113690

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

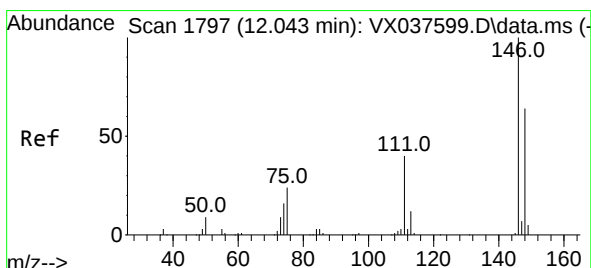
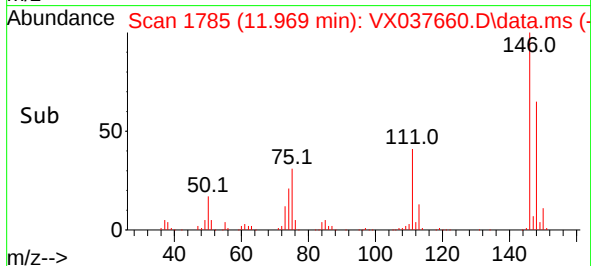
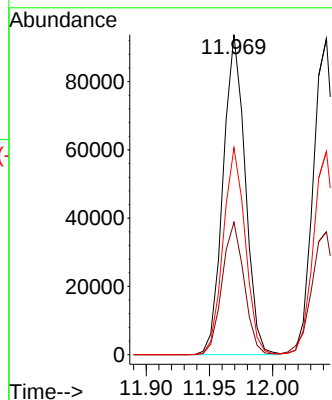
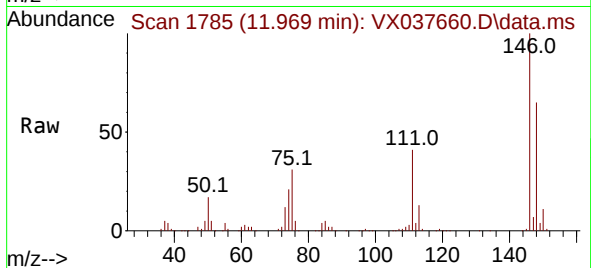
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#88

1,4-Dichlorobenzene

Concen: 19.474 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

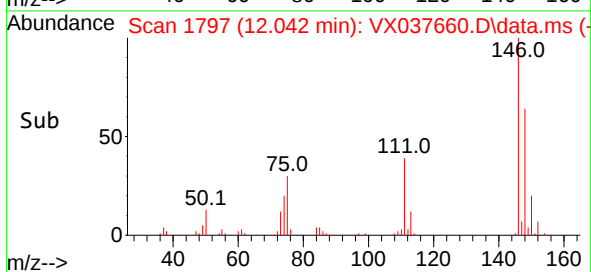
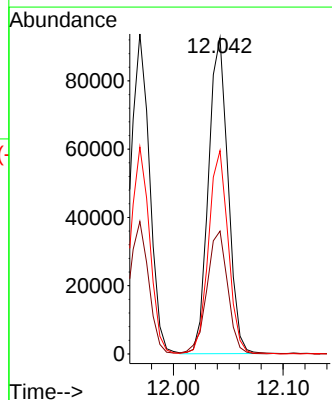
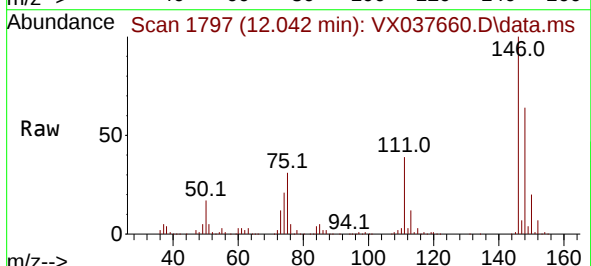
Tgt Ion:146 Resp: 114815

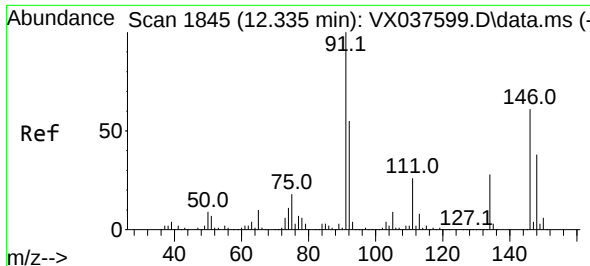
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 20.800 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

Tgt Ion: 91 Resp: 203300

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

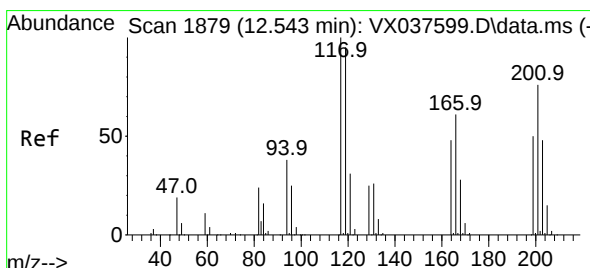
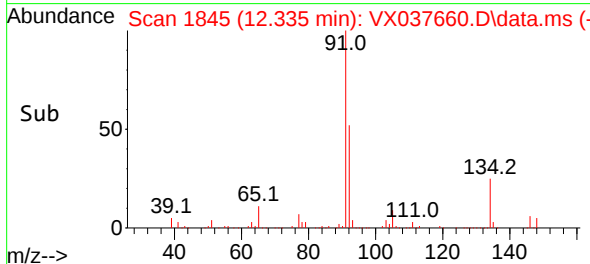
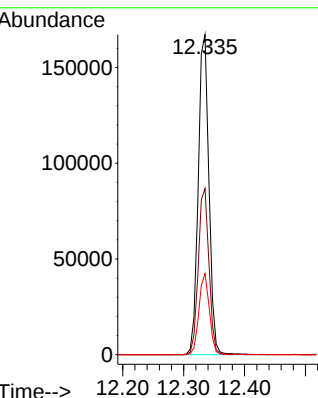
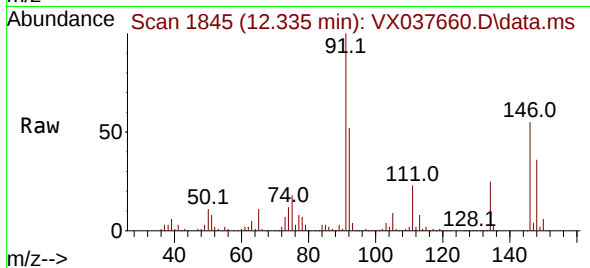
134 24.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#90

Hexachloroethane

Concen: 20.069 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037660.D

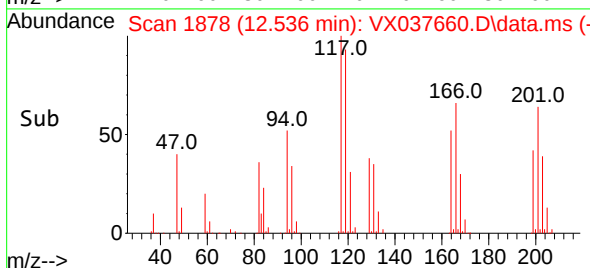
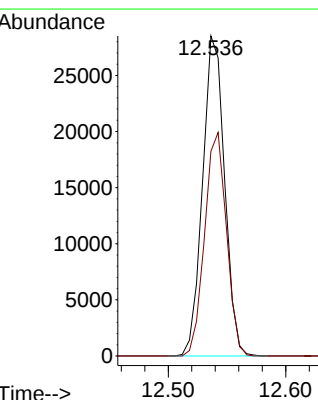
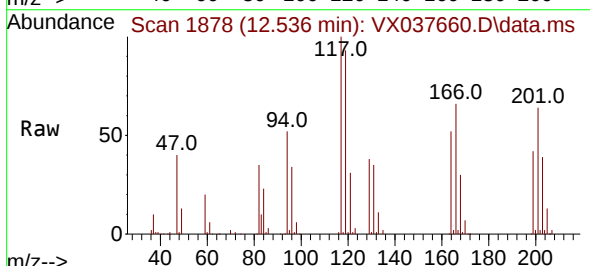
Acq: 12 Sep 2023 11:45

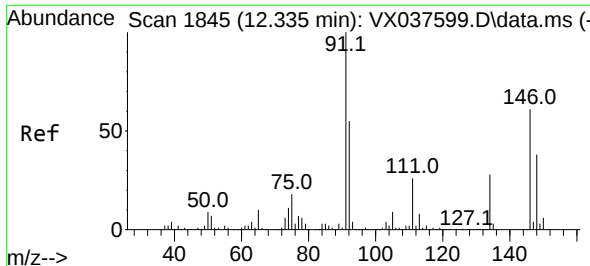
Tgt Ion:117 Resp: 37046

Ion Ratio Lower Upper

117 100

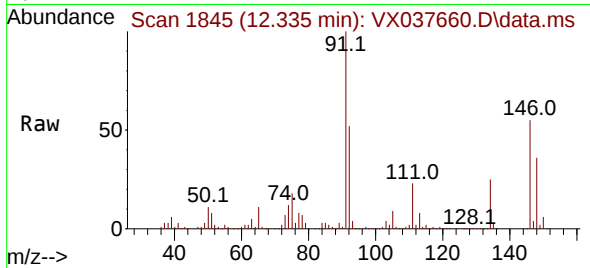
201 69.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.325 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

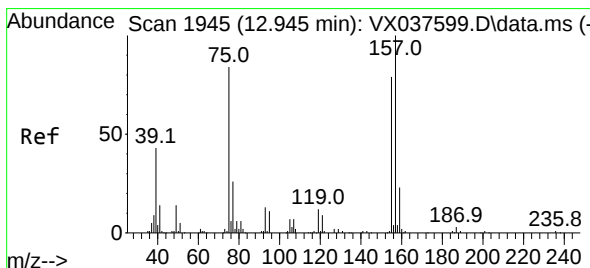
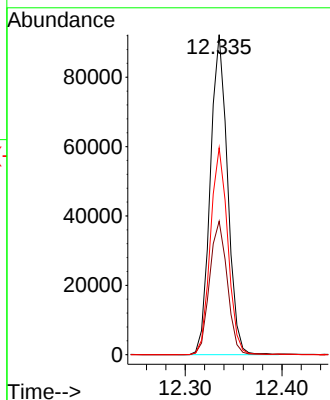
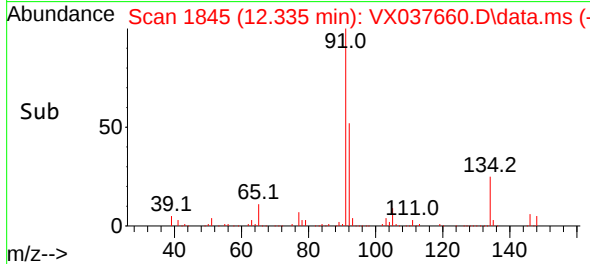
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



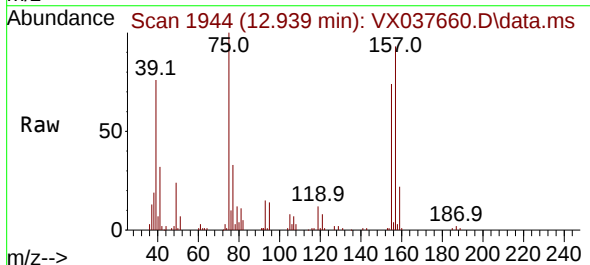
Tgt Ion:146 Resp: 11380
Ion Ratio Lower Upper
146 100
111 42.9 22.4 67.0
148 65.2 31.6 95.0

Manual Integrations
APPROVED

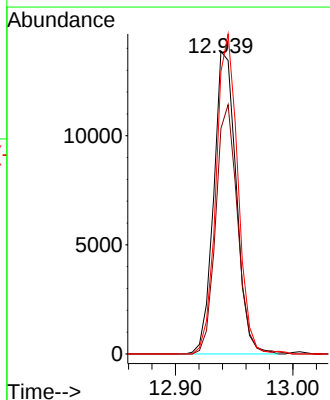
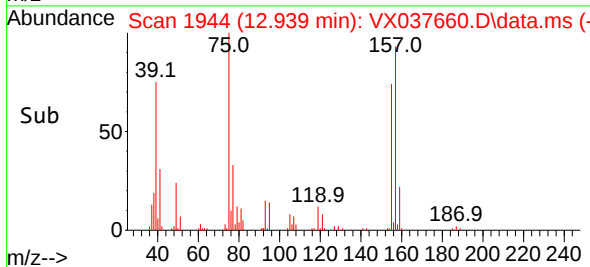
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

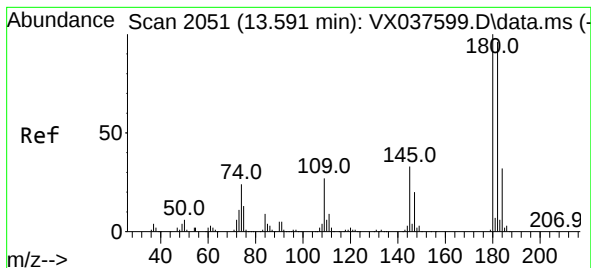


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.266 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45



Tgt Ion: 75 Resp: 18473
Ion Ratio Lower Upper
75 100
155 79.7 36.1 108.5
157 102.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.615 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBSD01

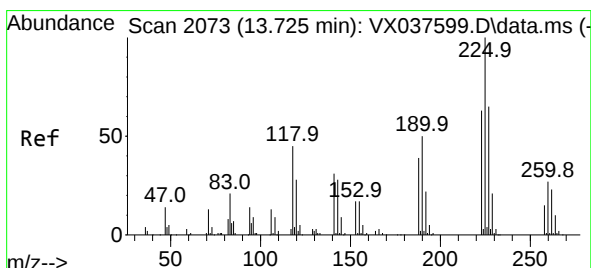
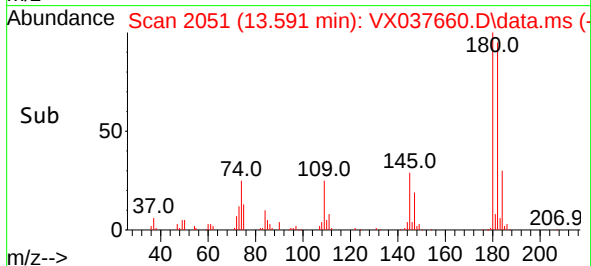
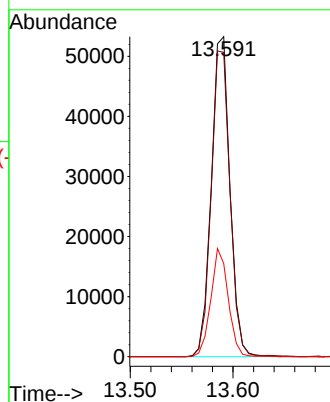
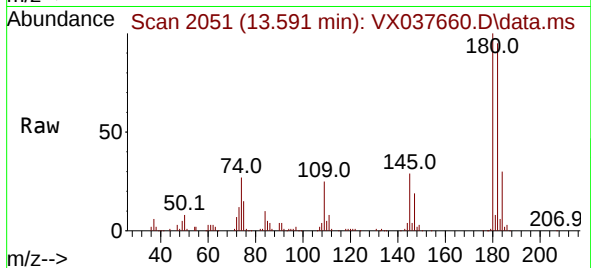
Tgt Ion:	180	Resp:	67095
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.3	144.8
145	31.6	18.0	54.0

Manual Integrations

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Supervised By :Mahesh Dadoda 09/13/2023



#94

Hexachlorobutadiene

Concen: 20.887 ug/l

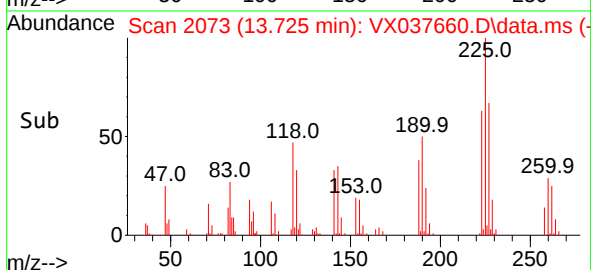
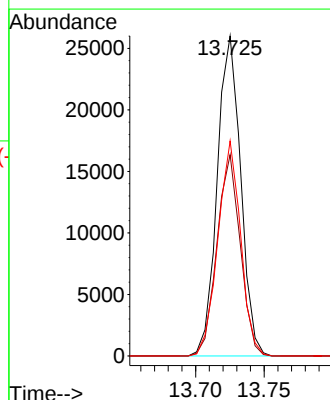
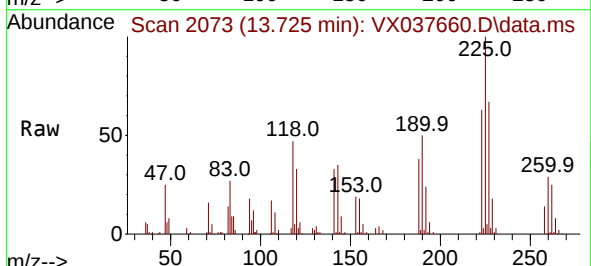
RT: 13.725 min Scan# 2073

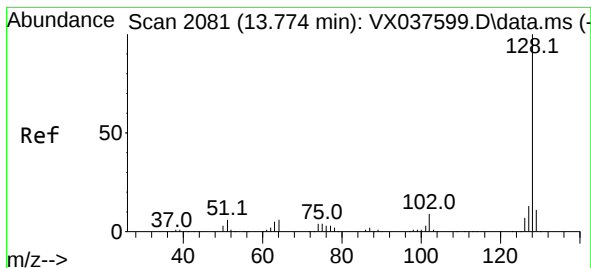
Delta R.T. -0.000 min

Lab File: VX037660.D

Acq: 12 Sep 2023 11:45

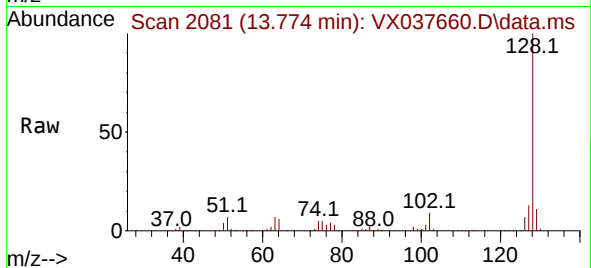
Tgt Ion:	225	Resp:	30964
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.1	93.2
227	65.0	32.5	97.5





#95
Naphthalene
Concen: 18.947 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45

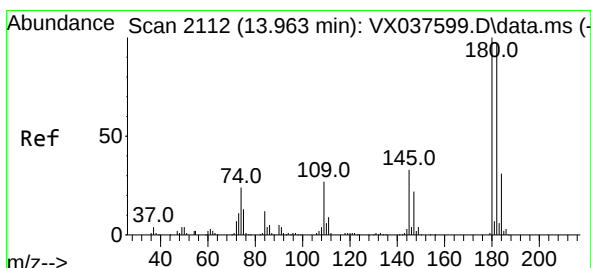
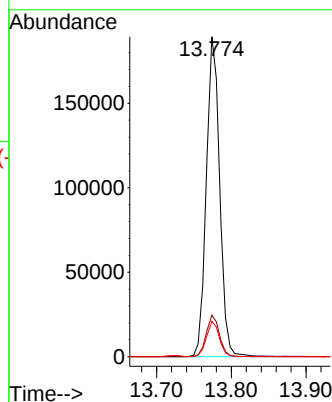
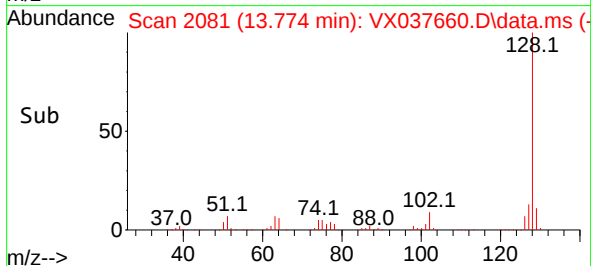
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBSD01



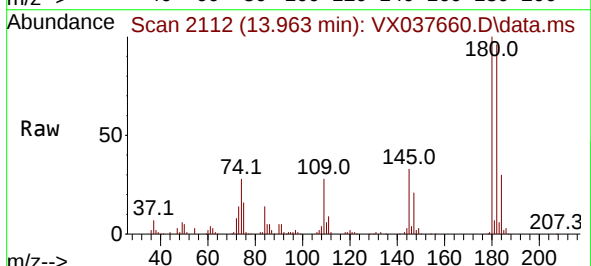
Tgt Ion:128 Resp: 234600
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.311 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037660.D
Acq: 12 Sep 2023 11:45



Tgt Ion:180 Resp: 68114
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 33.6 17.8 53.5

