

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038091.D
 Acq On : 05 Oct 2023 10:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 05 15:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	233258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	11321	5.136	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.280%#		
35) Dibromofluoromethane	5.391	113	8203	4.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.760%#		
50) Toluene-d8	8.653	98	31176	4.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.700%#		
62) 4-Bromofluorobenzene	11.079	95	11801	4.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.700%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	6391	4.831	ug/l	95
3) Chloromethane	1.301	50	7032	5.216	ug/l	98
4) Vinyl Chloride	1.374	62	7589	5.077	ug/l	# 88
5) Bromomethane	1.599	94	13243	5.995	ug/l	92
6) Chloroethane	1.679	64	6281	3.864	ug/l	93
7) Trichlorofluoromethane	1.880	101	14867	5.035	ug/l	92
8) Diethyl Ether	2.136	74	5471	4.968	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	6556	5.086	ug/l	96
10) Methyl Iodide	2.453	142	8877	4.786	ug/l	94
11) Tert butyl alcohol	2.953	59	18690	28.588	ug/l	100
12) 1,1-Dichloroethene	2.319	96	6225	4.965	ug/l	93
13) Acrolein	2.233	56	7942	25.344	ug/l	100
14) Allyl chloride	2.660	41	10907	4.863	ug/l	95
15) Acrylonitrile	3.062	53	25142	25.064	ug/l	99
16) Acetone	2.380	43	23258	25.282	ug/l	91
17) Carbon Disulfide	2.508	76	16626	4.601	ug/l	98
18) Methyl Acetate	2.703	43	20381	5.166	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	25030	5.012	ug/l	# 88
20) Methylene Chloride	2.788	84	8969	5.183	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	7655	4.931	ug/l	96
22) Diisopropyl ether	3.764	45	23345	4.967	ug/l	95
23) Vinyl Acetate	3.727	43	81318	23.591	ug/l	98
24) 1,1-Dichloroethane	3.611	63	14089	4.939	ug/l	95
25) 2-Butanone	4.562	43	37716	25.410	ug/l	94
26) 2,2-Dichloropropane	4.471	77	10451	4.693	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	9296	5.028	ug/l	92
28) Bromochloromethane	4.904	49	6715	5.215	ug/l	# 90
29) Tetrahydrofuran	5.013	42	24465	25.316	ug/l	95
30) Chloroform	5.105	83	15600	5.001	ug/l	88
31) Cyclohexane	5.471	56	11613	4.863	ug/l	# 89
32) 1,1,1-Trichloroethane	5.385	97	12243	4.582	ug/l	98
36) 1,1-Dichloropropene	5.690	75	11394	4.916	ug/l	98
37) Ethyl Acetate	4.721	43	13609	4.944	ug/l	98
38) Carbon Tetrachloride	5.672	117	10514	4.611	ug/l	# 86
39) Methylcyclohexane	7.385	83	13344	4.915	ug/l	91
40) Benzene	6.037	78	32663	5.039	ug/l	100

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

Quant Time: Oct 05 15:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6415	4.685	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	13091	5.054	ug/l	100
43) Isopropyl Acetate	6.342	43	19532	4.753	ug/l	99
44) Trichloroethene	7.123	130	8582	5.062	ug/l	96
45) 1,2-Dichloropropane	7.427	63	8519	5.077	ug/l	97
46) Dibromomethane	7.586	93	6434	4.944	ug/l	98
47) Bromodichloromethane	7.824	83	10719	4.630	ug/l	99
48) Methyl methacrylate	7.696	41	9592	4.890	ug/l	88
49) 1,4-Dioxane	7.671	88	4794	99.172	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	71077	25.077	ug/l	99
52) Toluene	8.720	92	20392	4.829	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	10157	4.088	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	11814	4.525	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	8928	4.943	ug/l	97
56) Ethyl methacrylate	9.116	69	12719	4.593	ug/l	90
57) 1,3-Dichloropropane	9.311	76	14076	4.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	33288	24.488	ug/l	99
59) 2-Hexanone	9.433	43	57515	25.241	ug/l	96
60) Dibromochloromethane	9.519	129	7710	4.361	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9290	4.756	ug/l	97
64) Tetrachloroethene	9.275	164	7280	5.032	ug/l	98
65) Chlorobenzene	10.079	112	23193	4.960	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	7222	4.567	ug/l	97
67) Ethyl Benzene	10.195	91	40634	4.868	ug/l	100
68) m/p-Xylenes	10.299	106	31641	9.803	ug/l	99
69) o-Xylene	10.640	106	15025	4.770	ug/l	99
70) Styrene	10.659	104	24104	4.699	ug/l	98
71) Bromoform	10.799	173	5341	6.295	ug/l #	100
73) Isopropylbenzene	10.963	105	39774	4.935	ug/l	99
74) N-amyl acetate	10.842	43	16071	4.669	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	14621	4.944	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	12131m	4.440	ug/l	
77) Bromobenzene	11.201	156	9653	4.905	ug/l	92
78) n-propylbenzene	11.305	91	48699	4.941	ug/l	100
79) 2-Chlorotoluene	11.366	91	28913	4.947	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	33081	4.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3024	7.005	ug/l #	82
82) 4-Chlorotoluene	11.457	91	32899	4.757	ug/l	97
83) tert-Butylbenzene	11.713	119	32547	4.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	34260	4.941	ug/l	100
85) sec-Butylbenzene	11.890	105	42967	4.882	ug/l	99
86) p-Isopropyltoluene	12.006	119	34839	4.797	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	19171	4.850	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	20215	5.010	ug/l	92
89) n-Butylbenzene	12.335	91	34630	4.788	ug/l	95
90) Hexachloroethane	12.536	117	5102	4.237	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	18850	4.962	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3242	4.534	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	12755	5.005	ug/l	97
94) Hexachlorobutadiene	13.725	225	4874	4.752	ug/l	98
95) Naphthalene	13.774	128	41651	4.694	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	11568	4.688	ug/l	94

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 12:40:32 2023
Response via : Initial Calibration

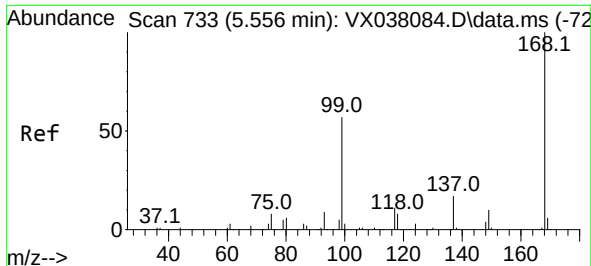
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

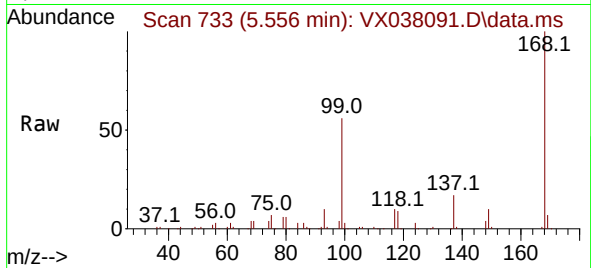
Quant Time: Oct 05 15:06:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 12:40:32 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038091.D
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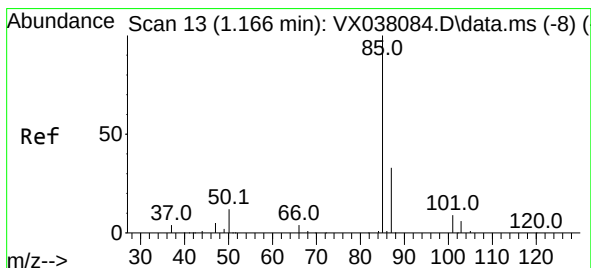
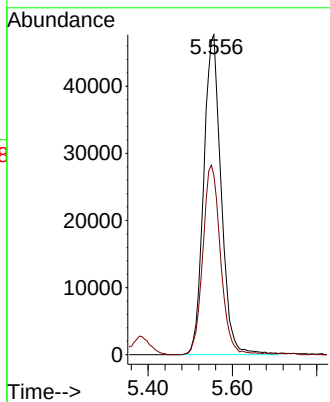
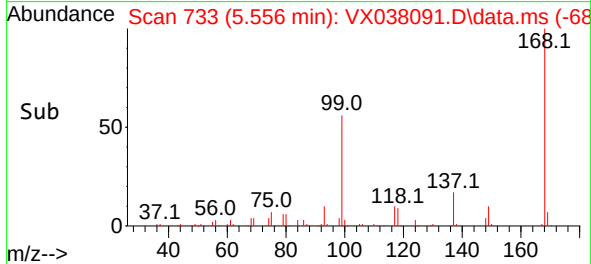
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 137045
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0

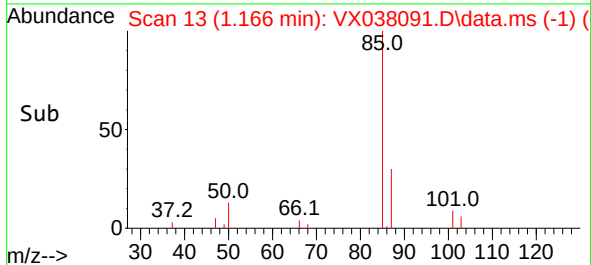
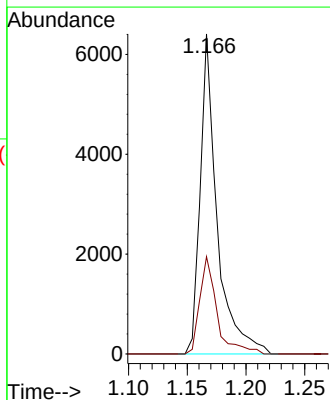
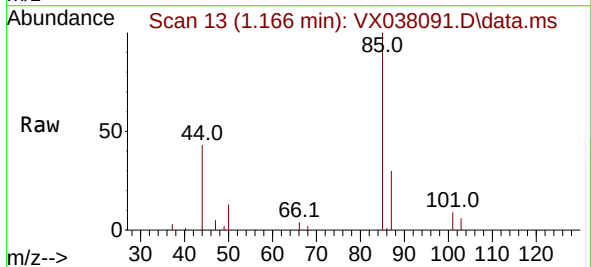
Manual Integrations
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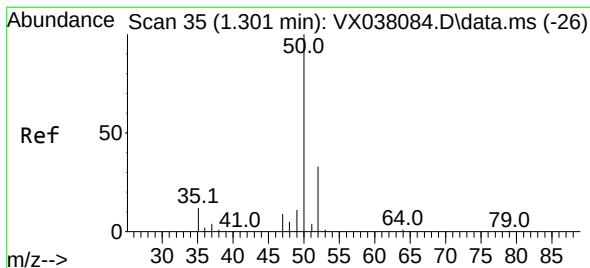
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#2
Dichlorodifluoromethane
Concen: 4.831 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 85 Resp: 6391
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





#3

Chloromethane

Concen: 5.216 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 50 Resp: 7032

Ion Ratio Lower Upper

50 100

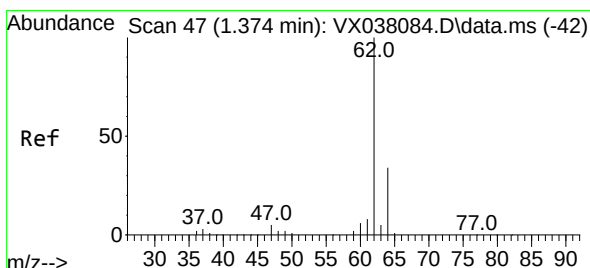
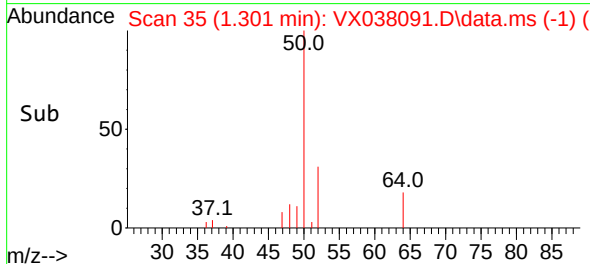
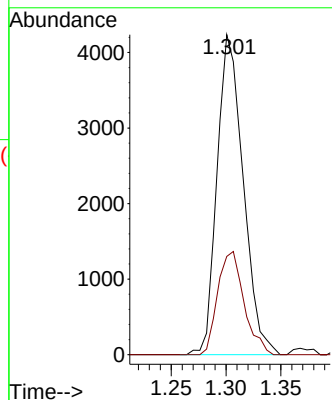
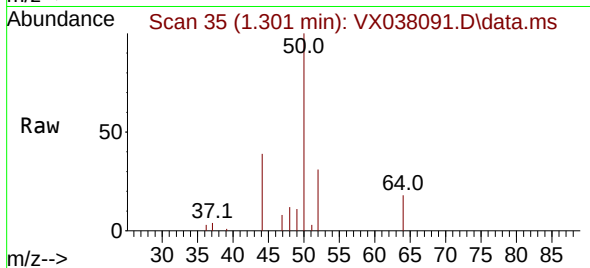
52 30.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#4

Vinyl Chloride

Concen: 5.077 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038091.D

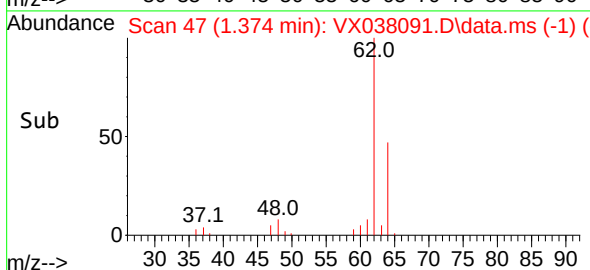
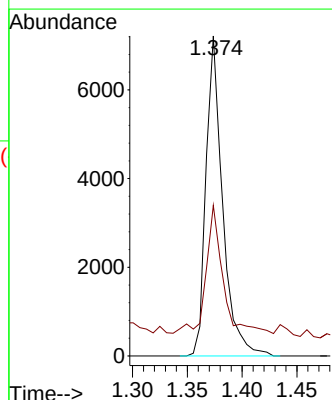
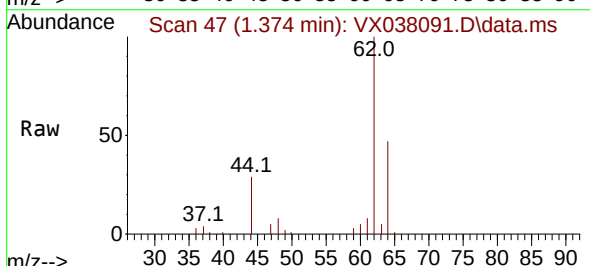
Acq: 05 Oct 2023 10:21

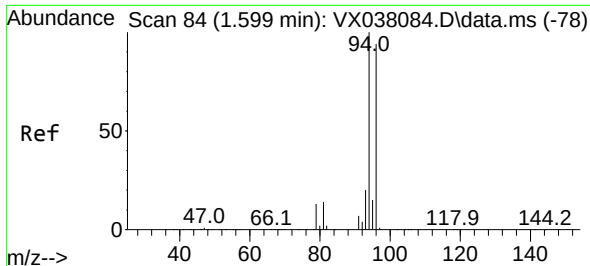
Tgt Ion: 62 Resp: 7589

Ion Ratio Lower Upper

62 100

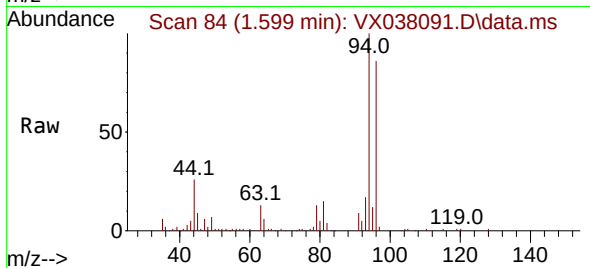
64 38.5 25.4 38.0#





#5
Bromomethane
Concen: 5.995 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

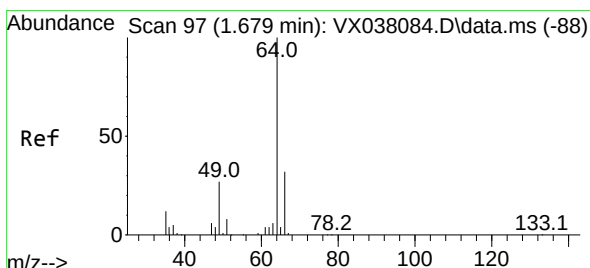
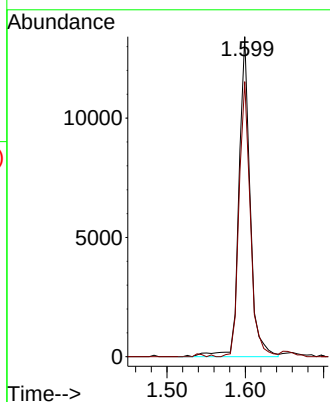
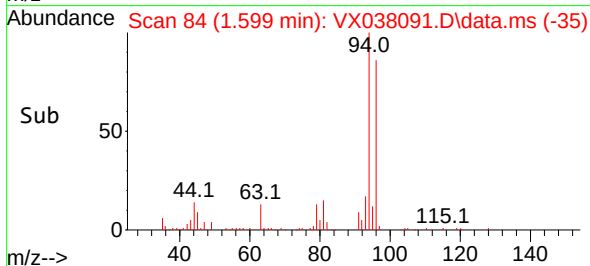
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1324
Ion Ratio Lower Upper
94 100
96 85.9 74.6 111.8

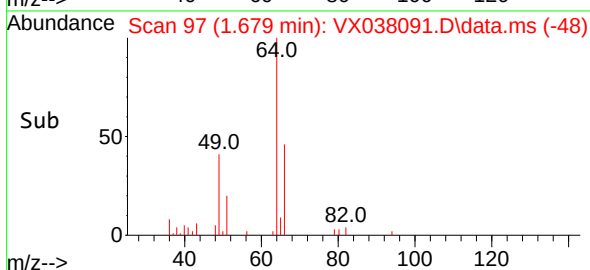
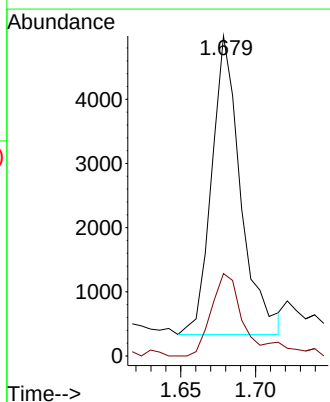
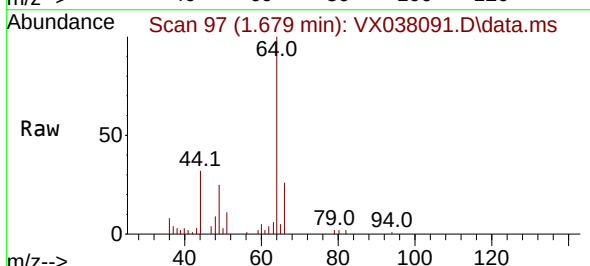
Manual Integrations
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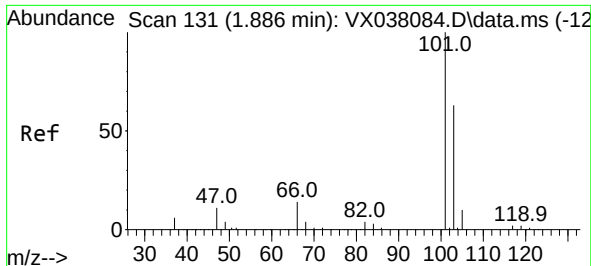
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#6
Chloroethane
Concen: 3.864 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 64 Resp: 6281
Ion Ratio Lower Upper
64 100
66 27.6 25.1 37.7





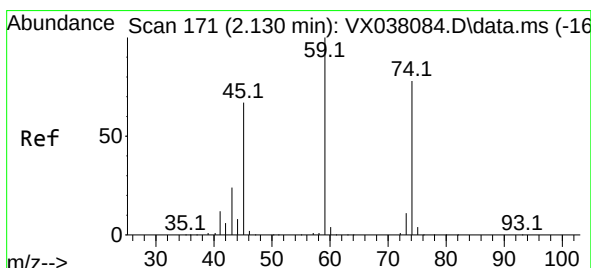
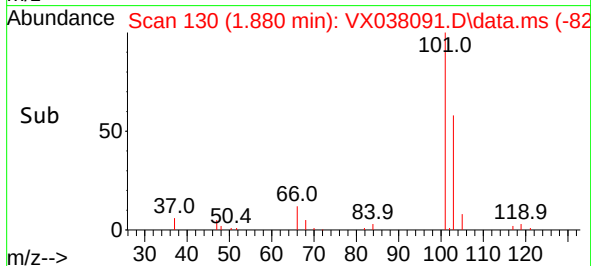
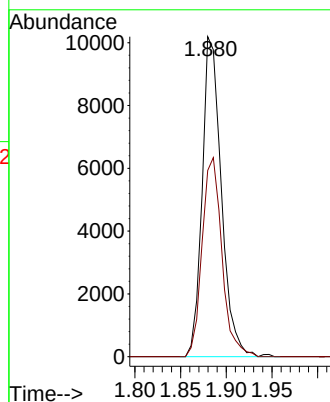
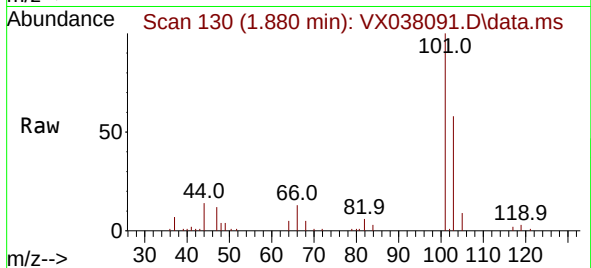
#7
Trichlorofluoromethane
Concen: 5.035 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1486
Ion Ratio Lower Upper
101 100
103 58.2 51.4 77.2

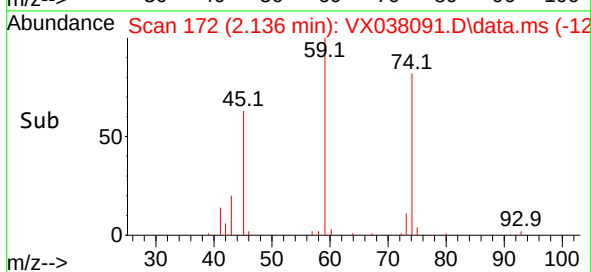
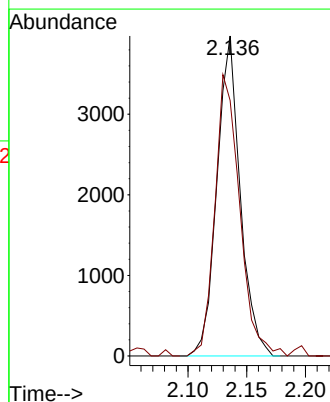
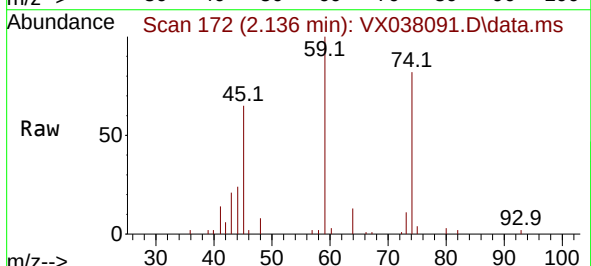
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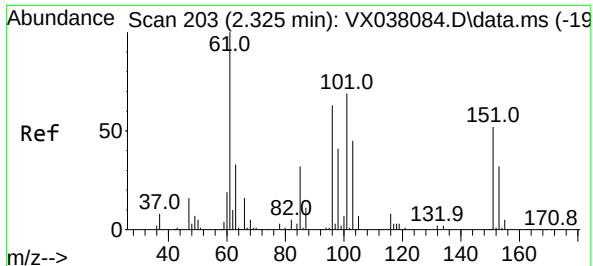
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#8
Diethyl Ether
Concen: 4.968 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 74 Resp: 5471
Ion Ratio Lower Upper
74 100
45 93.9 53.3 159.8





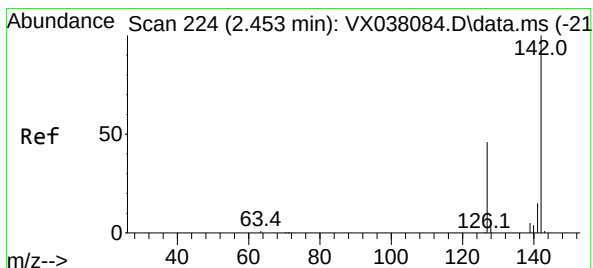
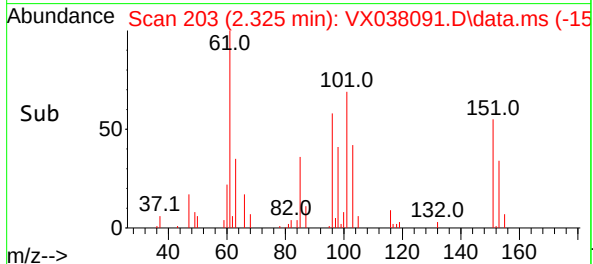
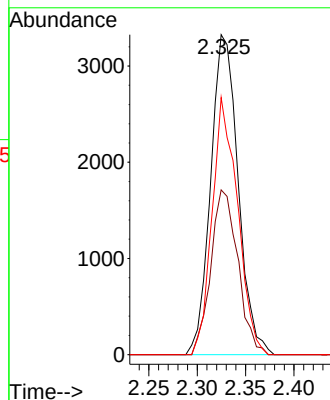
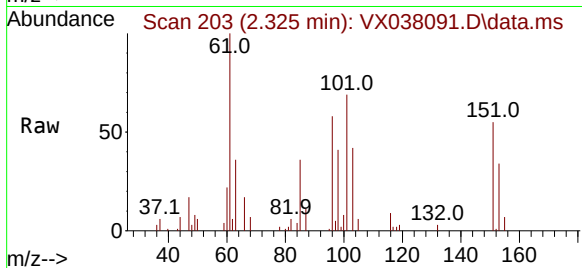
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.086 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 6550
Ion Ratio Lower Upper
101 100
85 50.8 37.0 55.6
151 74.6 58.6 87.8

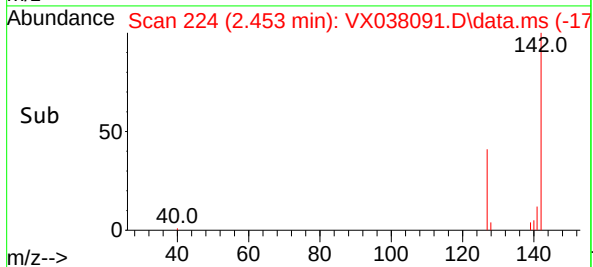
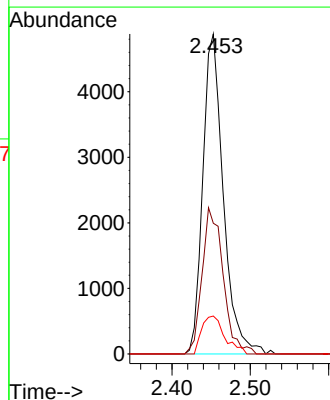
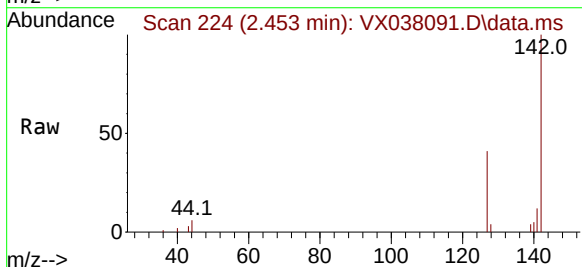
Manual Integrations
APPROVED

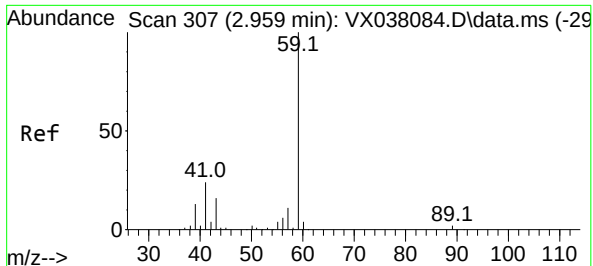
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 4.786 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

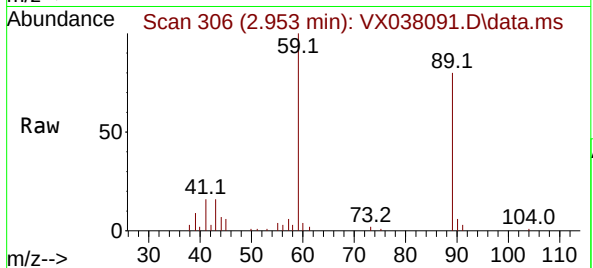
Tgt Ion:142 Resp: 8877
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 13.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 28.588 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

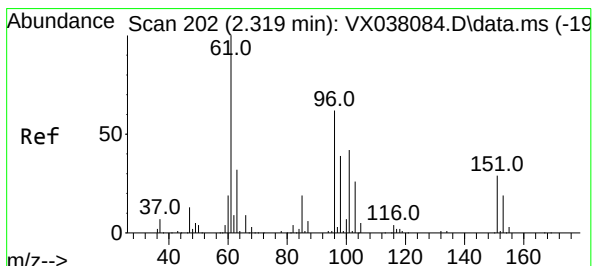
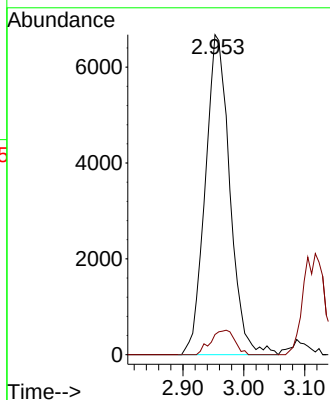
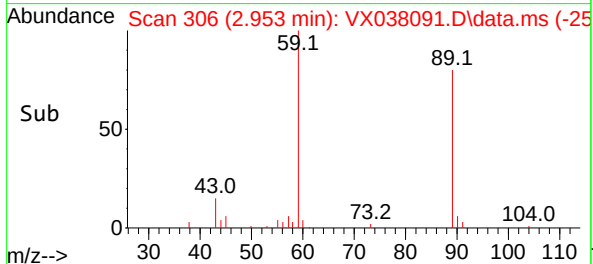
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 18690
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0

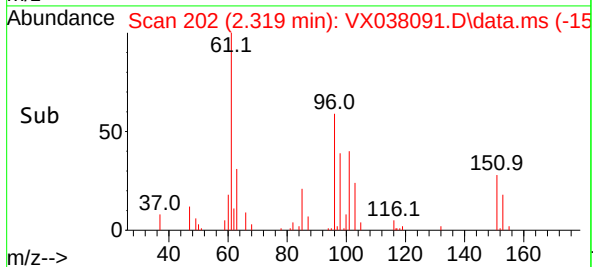
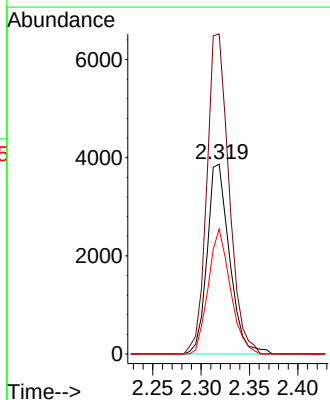
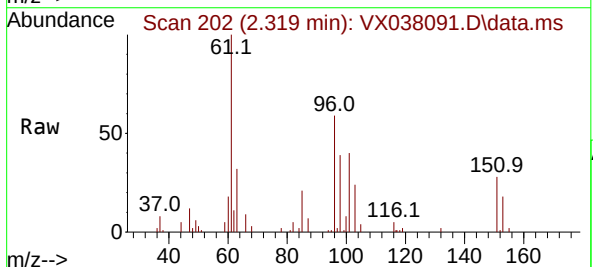
Manual Integrations
APPROVED

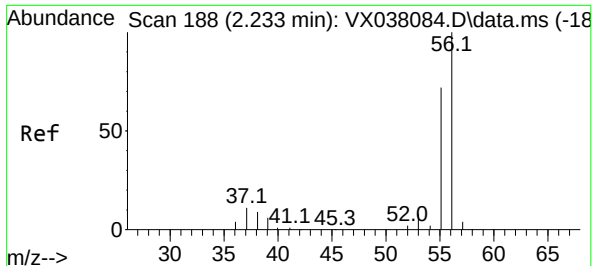
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#12
1,1-Dichloroethene
Concen: 4.965 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

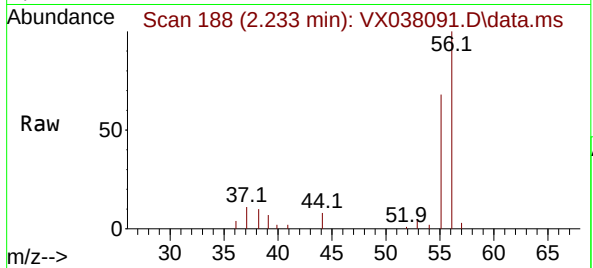
Tgt Ion: 96 Resp: 6225
Ion Ratio Lower Upper
96 100
61 168.6 144.6 216.8
98 65.8 50.4 75.6





#13
Acrolein
Concen: 25.344 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

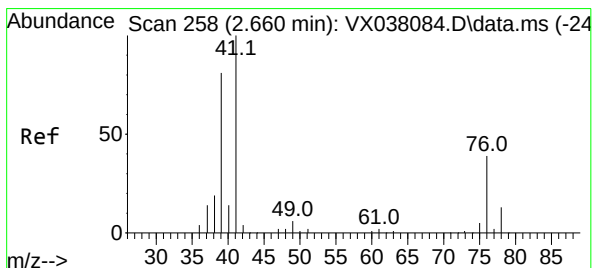
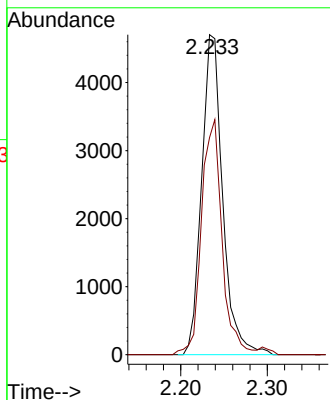
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 794
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

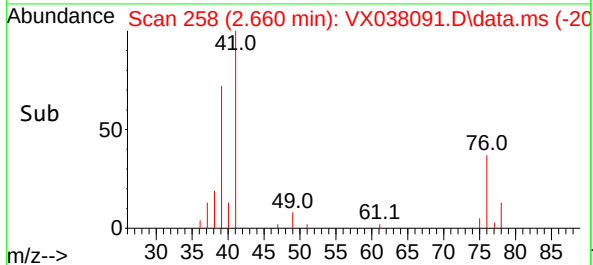
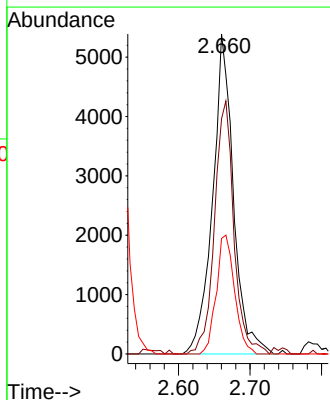
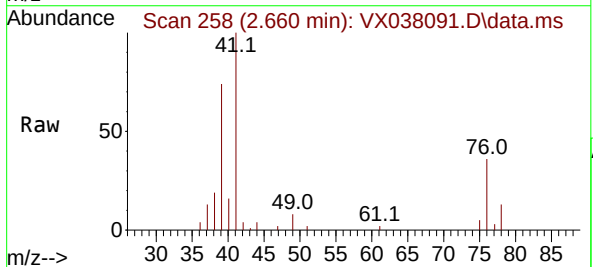
Manual Integrations
APPROVED

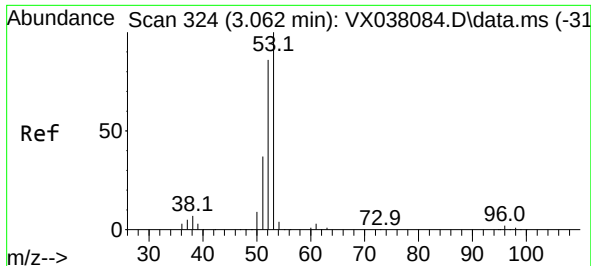
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 4.863 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 41 Resp: 10907
Ion Ratio Lower Upper
41 100
39 73.6 55.8 83.6
76 32.7 24.3 36.5





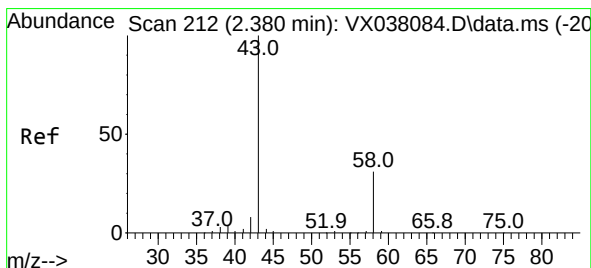
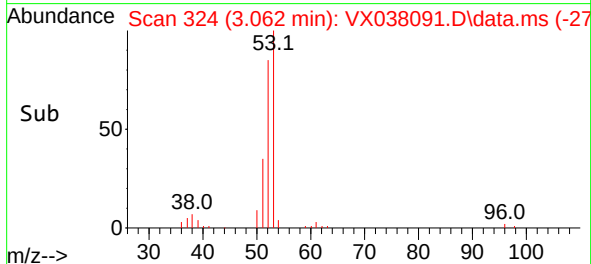
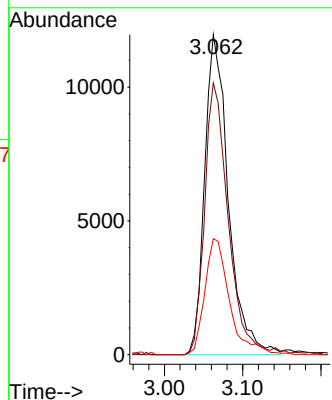
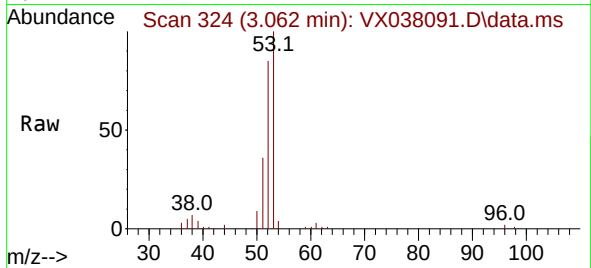
#15
Acrylonitrile
Concen: 25.064 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 2514
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 37.8 29.8 44.6

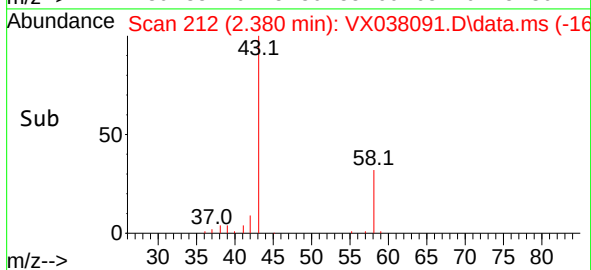
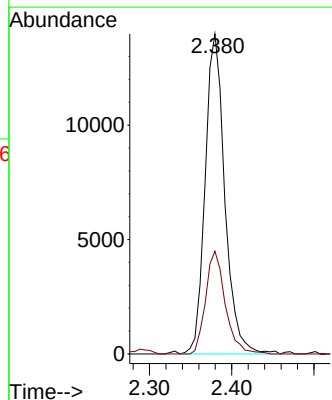
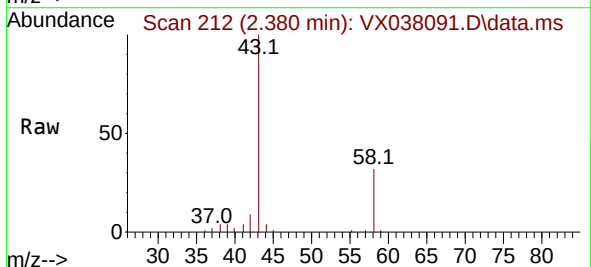
Manual Integrations
APPROVED

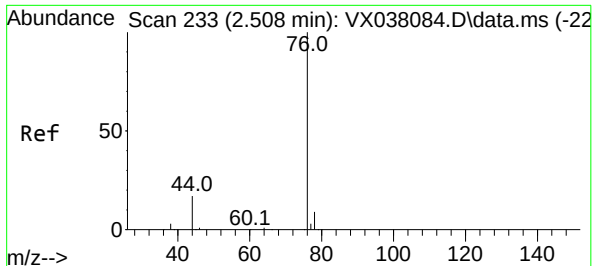
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 25.282 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 43 Resp: 23258
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#17

Carbon Disulfide

Concen: 4.601 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 16620

Ion Ratio Lower Upper

76 100

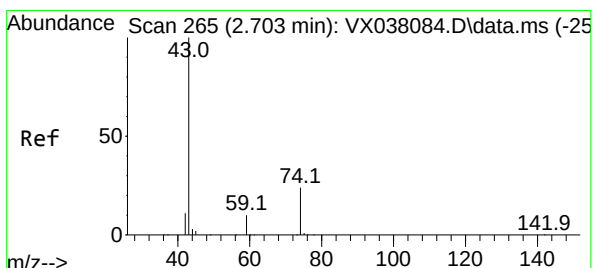
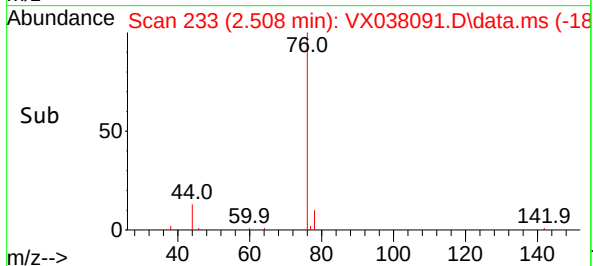
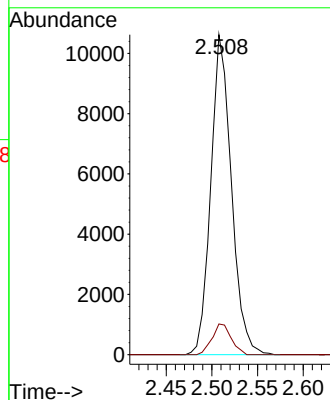
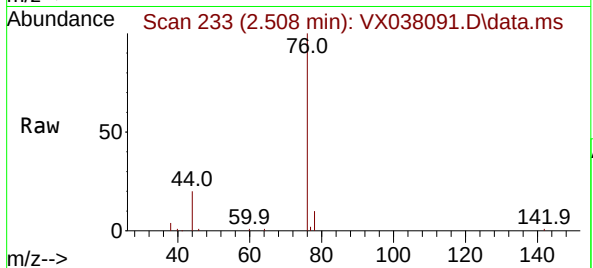
78 9.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#18

Methyl Acetate

Concen: 5.166 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038091.D

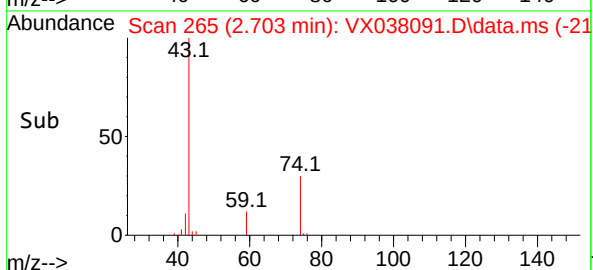
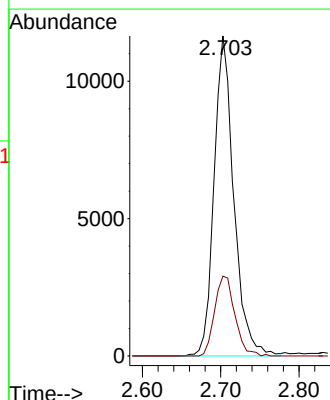
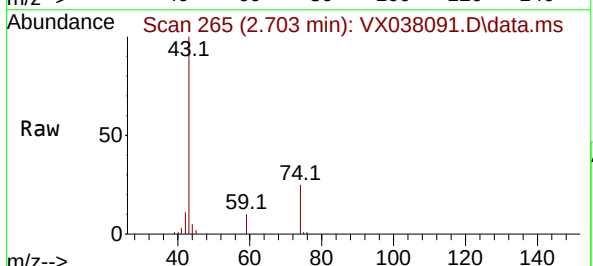
Acq: 05 Oct 2023 10:21

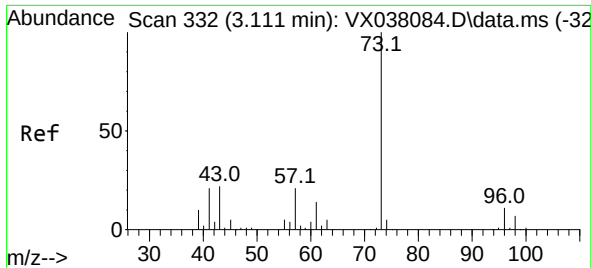
Tgt Ion: 43 Resp: 20381

Ion Ratio Lower Upper

43 100

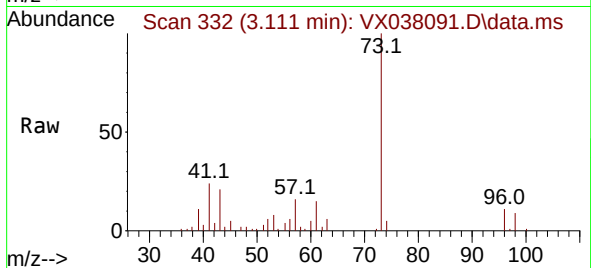
74 25.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 5.012 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

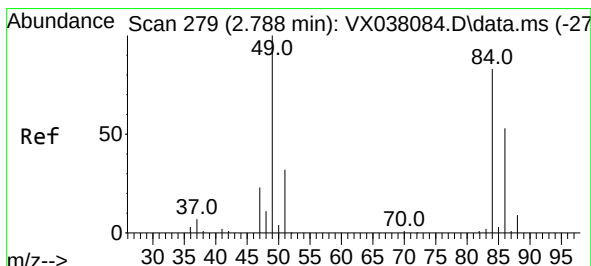
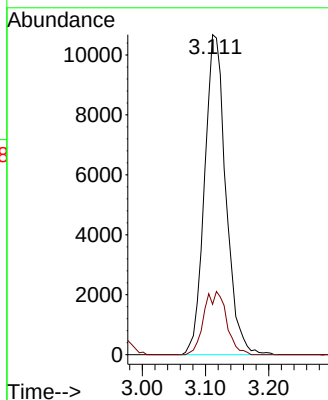
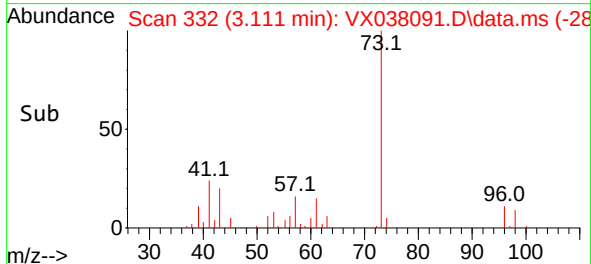
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 25030
Ion Ratio Lower Upper
73 100
57 15.8 17.3 25.9

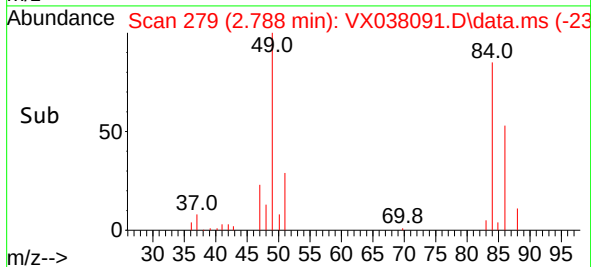
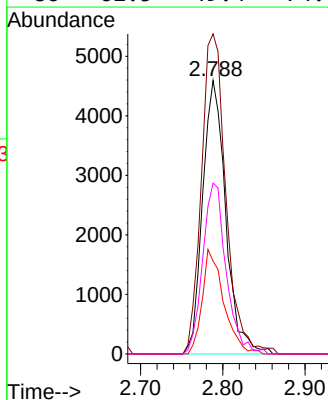
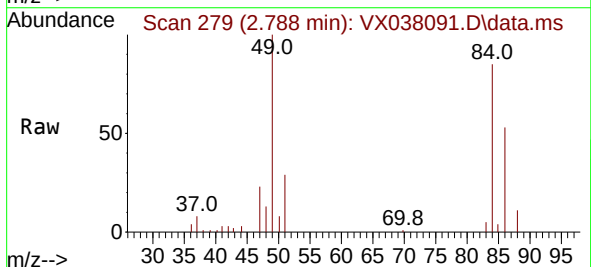
Manual Integrations
APPROVED

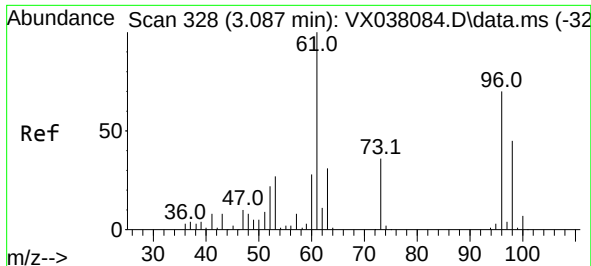
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 5.183 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

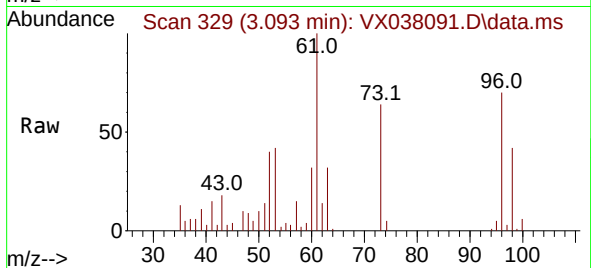
Tgt Ion: 84 Resp: 8969
Ion Ratio Lower Upper
84 100
49 117.1 103.6 155.4
51 34.0 33.8 50.6
86 62.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.931 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

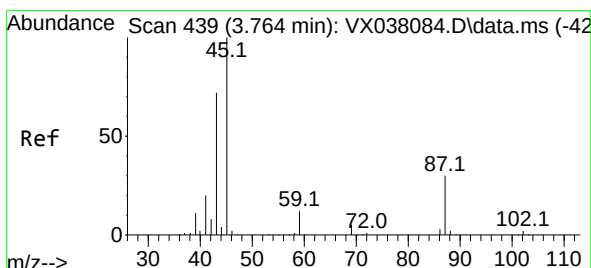
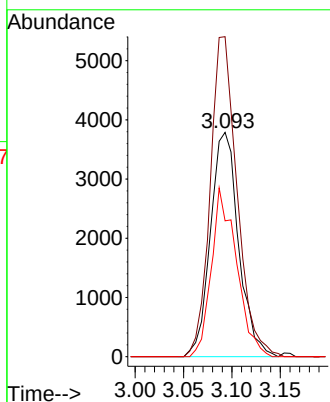
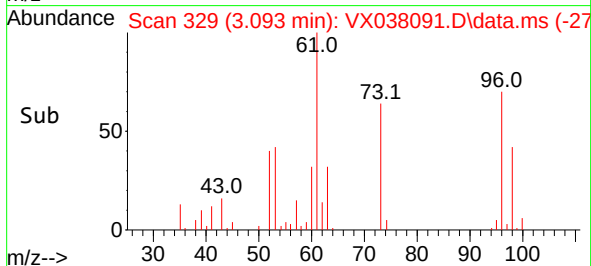
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 765
Ion Ratio Lower Upper
96 100
61 142.7 119.2 178.8
98 60.6 48.7 73.1

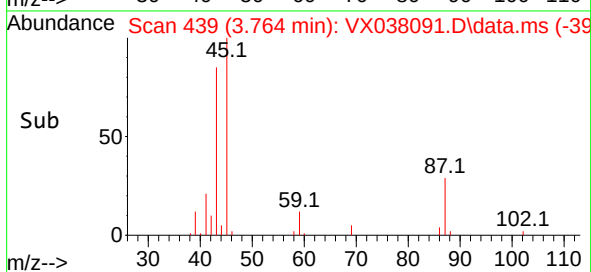
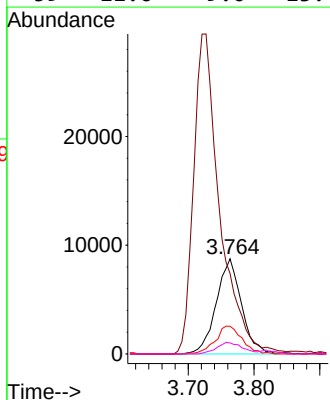
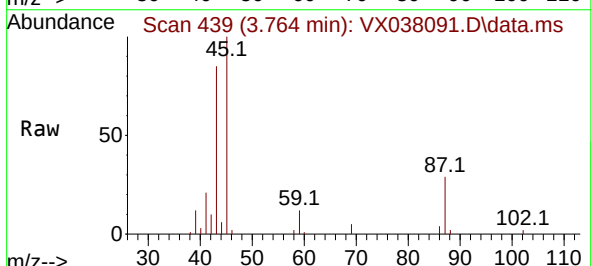
Manual Integrations
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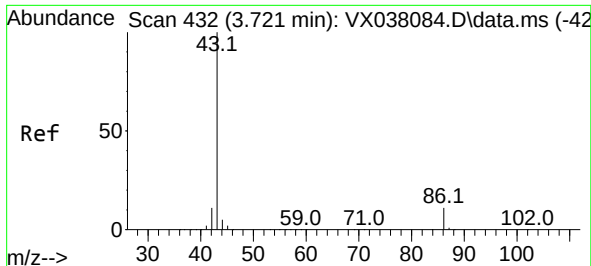
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 4.967 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 45 Resp: 23345
Ion Ratio Lower Upper
45 100
43 81.6 69.7 104.5
87 29.0 20.8 31.2
59 11.6 9.0 13.4





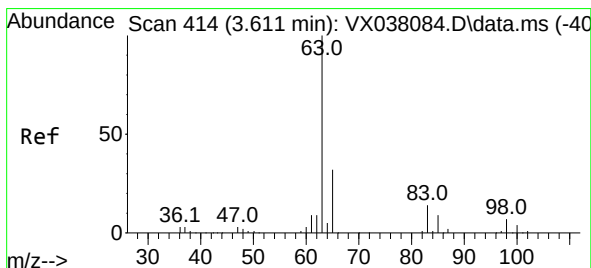
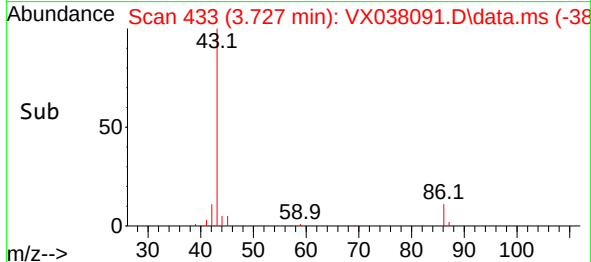
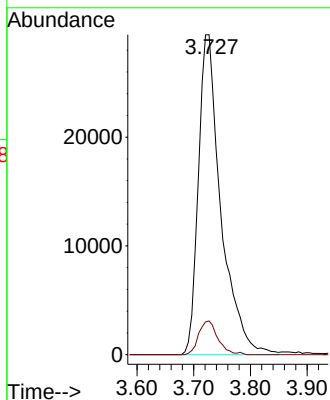
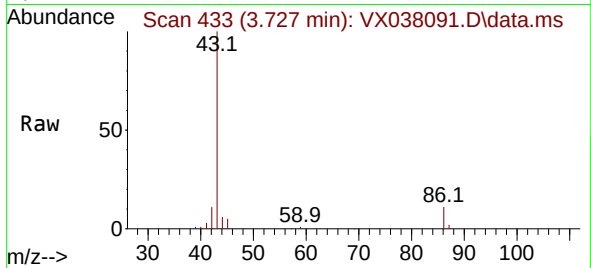
#23
 Vinyl Acetate
 Concen: 23.591 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX038091.D
 Acq: 05 Oct 2023 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 81318
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

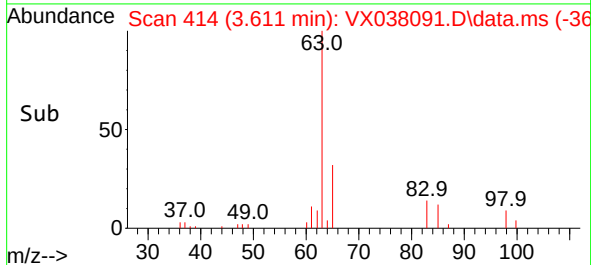
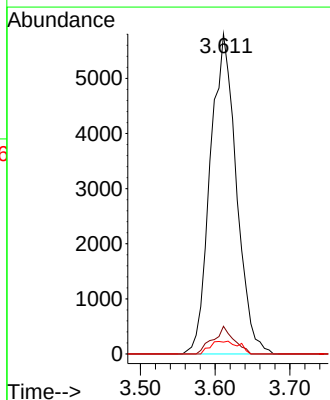
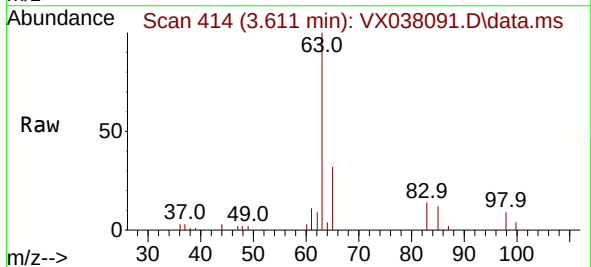
Manual Integrations
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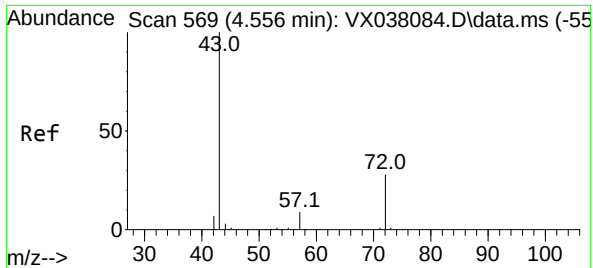
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 4.939 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038091.D
 Acq: 05 Oct 2023 10:21

Tgt Ion: 63 Resp: 14089
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.3 9.8
 100 3.7 2.1 6.5





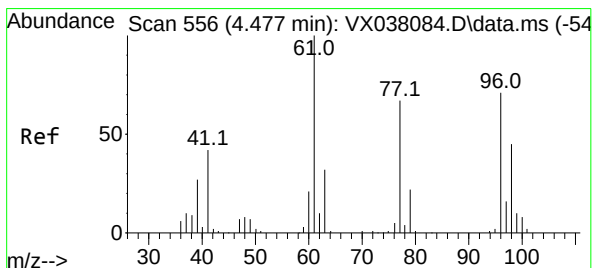
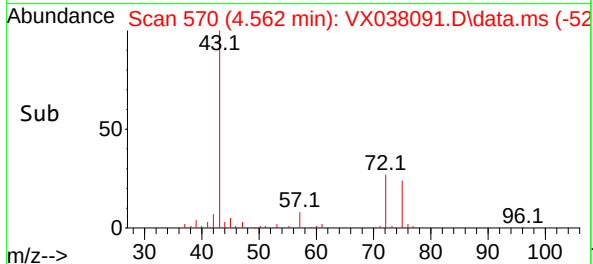
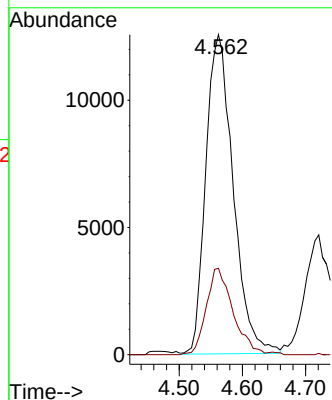
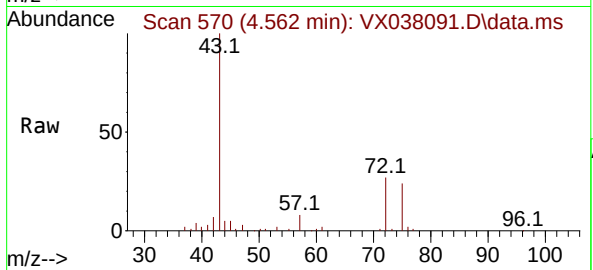
#25
2-Butanone
Concen: 25.410 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 37710
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2

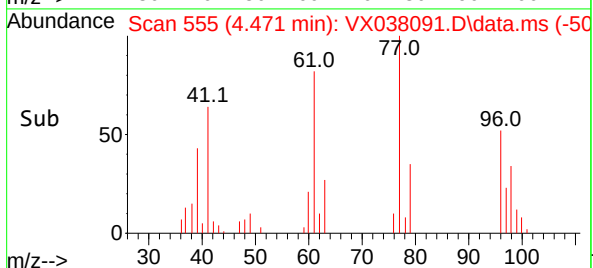
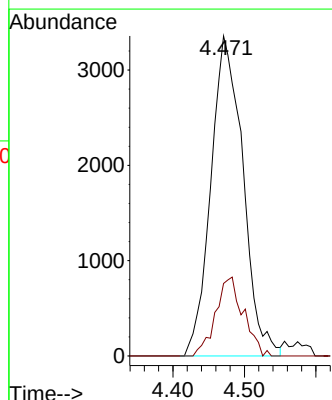
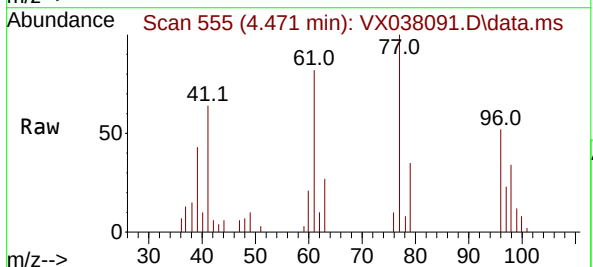
Manual Integrations
APPROVED

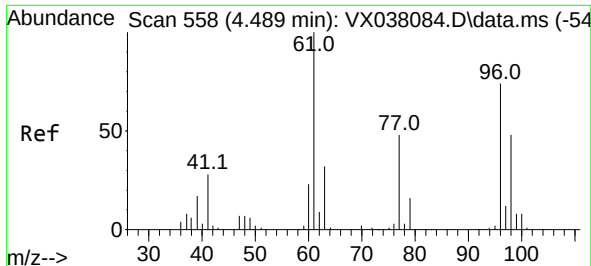
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 4.693 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 77 Resp: 10451
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.028 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 9290

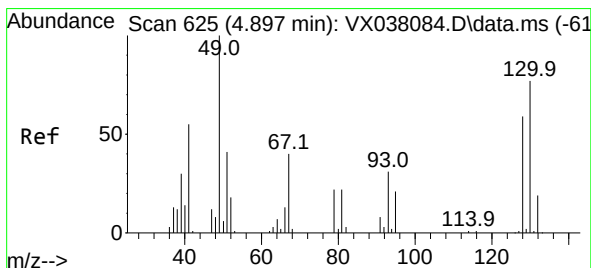
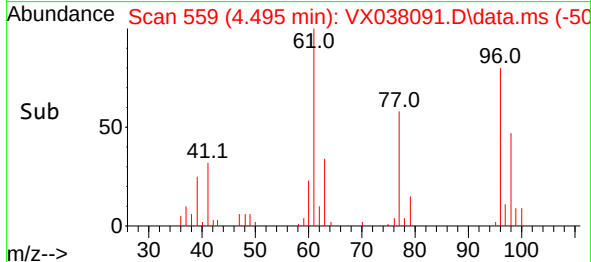
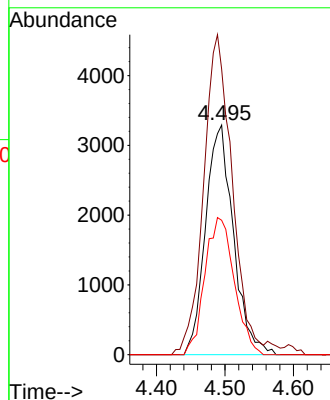
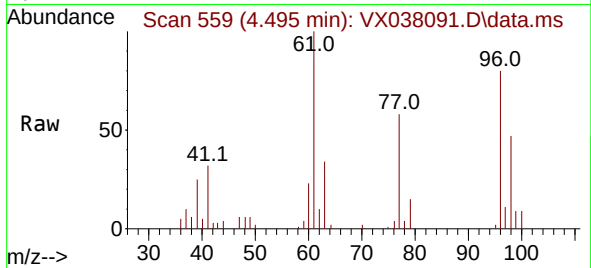
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	312.2
98	63.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#28

Bromochloromethane

Concen: 5.215 ug/l

RT: 4.904 min Scan# 626

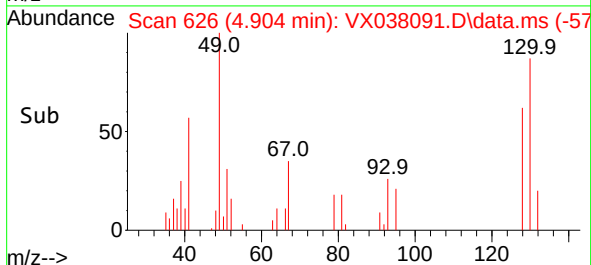
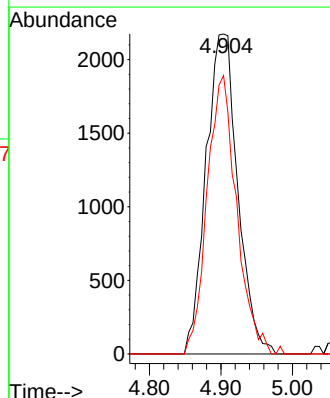
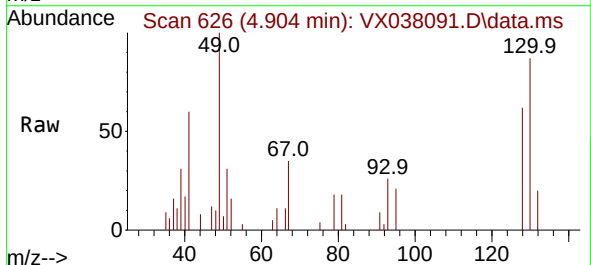
Delta R.T. 0.006 min

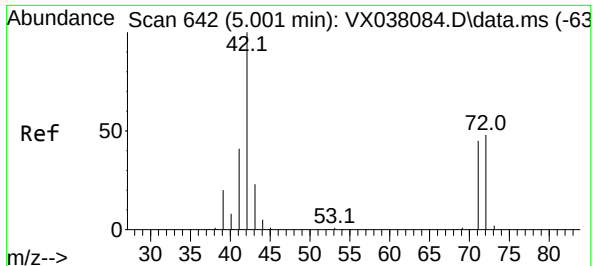
Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion: 49 Resp: 6715

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	80.4	57.5	86.3





#29

Tetrahydrofuran

Concen: 25.316 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

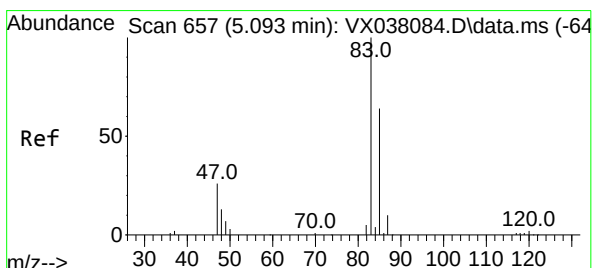
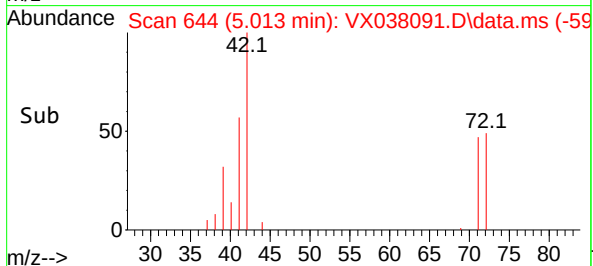
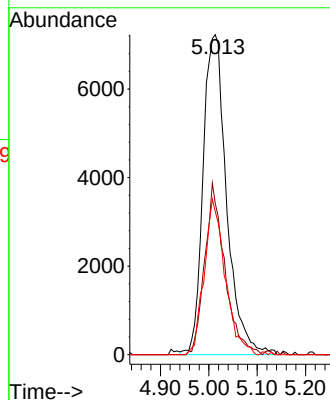
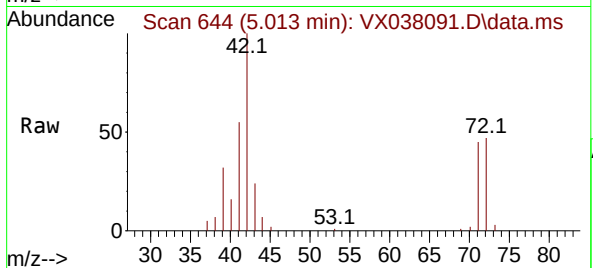
Tgt Ion:	42	Resp:	2446
Ion	Ratio	Lower	Upper
42	100		
72	45.9	34.2	51.4
71	43.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 5.001 ug/l

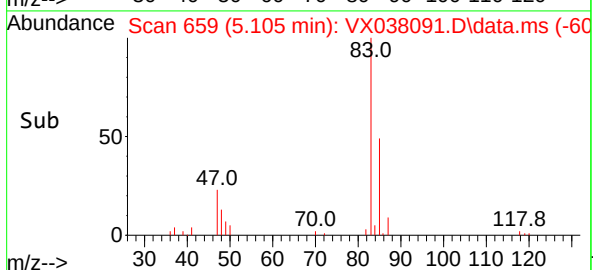
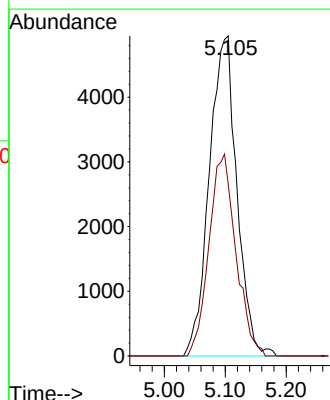
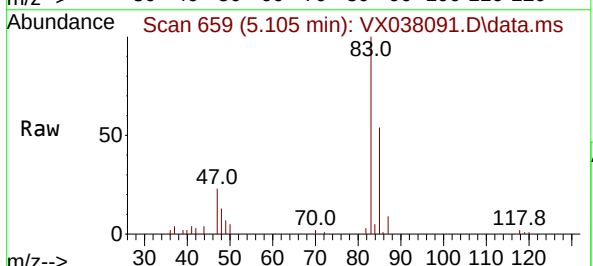
RT: 5.105 min Scan# 659

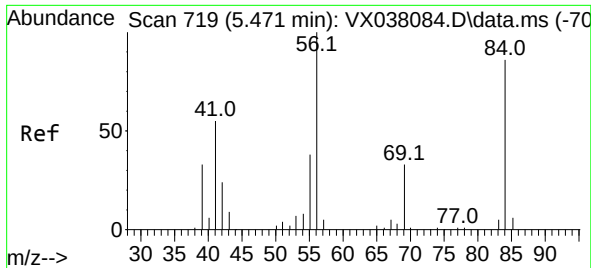
Delta R.T. 0.012 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

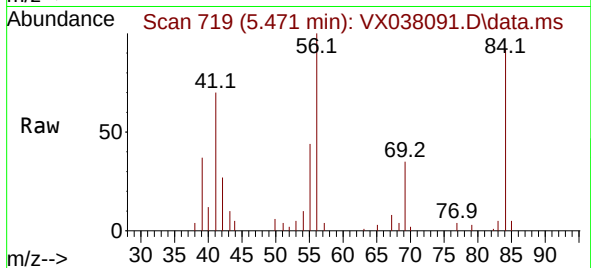
Tgt Ion:	83	Resp:	15600
Ion	Ratio	Lower	Upper
83	100		
85	53.8	50.3	75.5





#31
Cyclohexane
Concen: 4.863 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

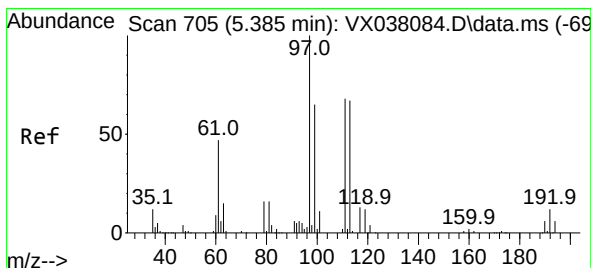
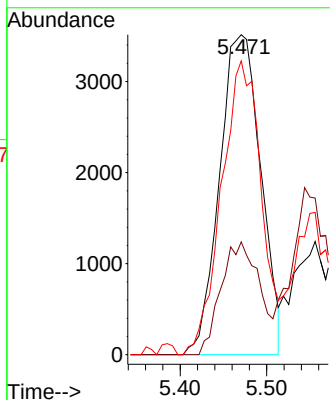
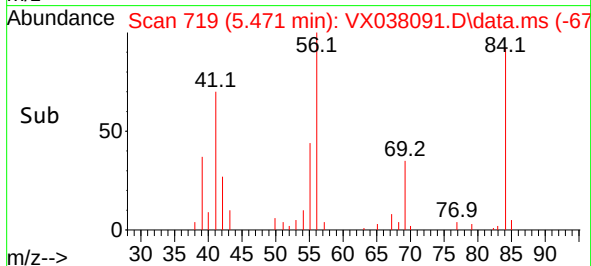
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1161
Ion Ratio Lower Upper
56 100
69 35.3 23.4 35.2
84 91.8 65.9 98.9

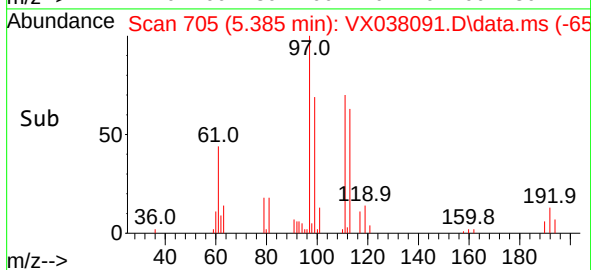
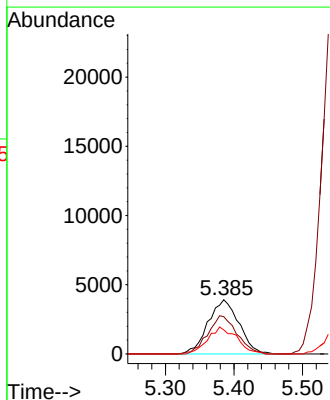
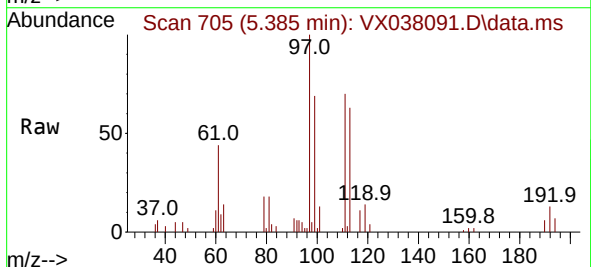
Manual Integrations
APPROVED

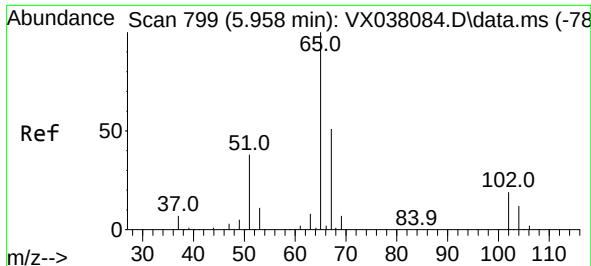
Reviewed By :John Carbone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 4.582 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 97 Resp: 12243
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.136 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1132

Ion Ratio Lower Upper

65 100

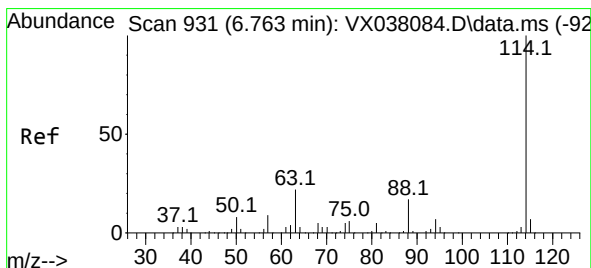
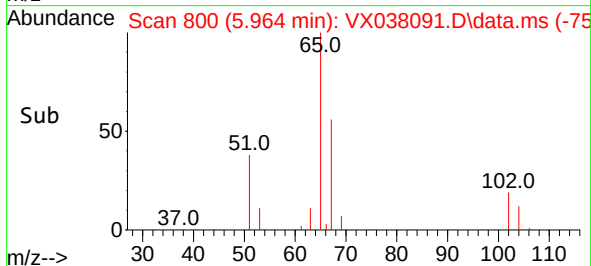
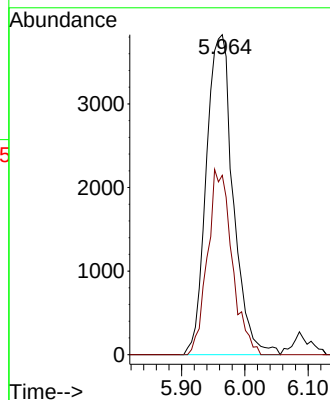
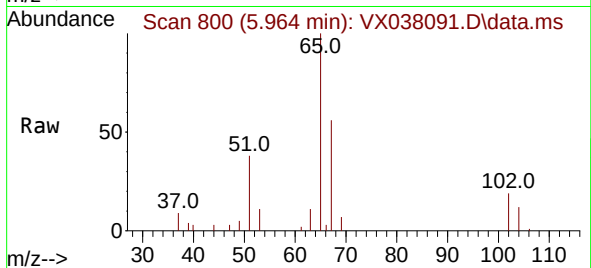
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

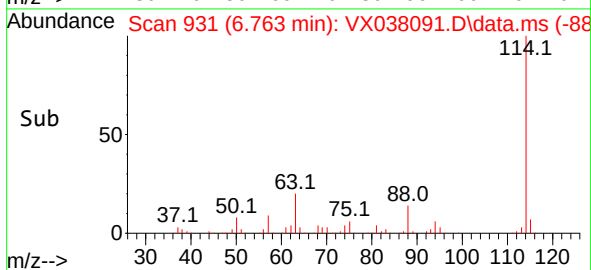
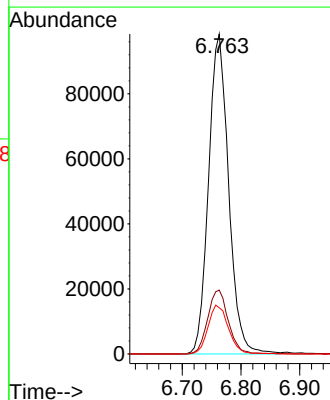
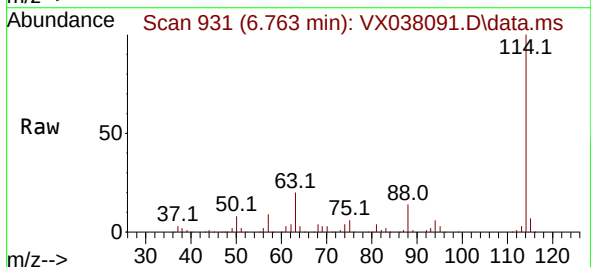
Tgt Ion:114 Resp: 233258

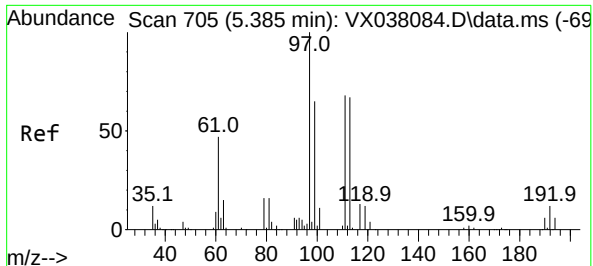
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

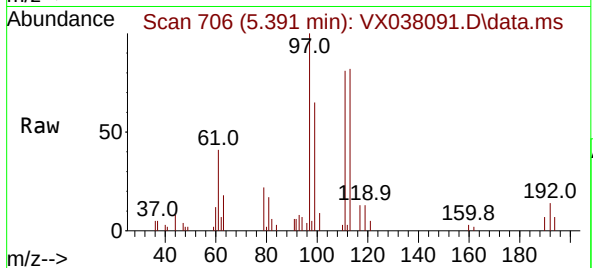
88 14.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 4.881 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

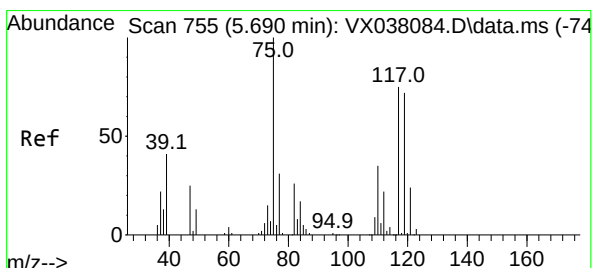
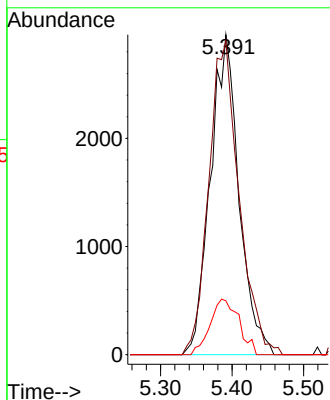
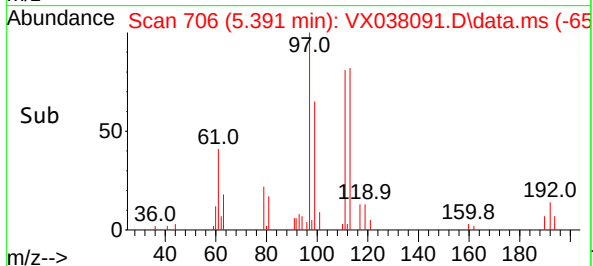
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 113 Resp: 820
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 17.5 13.3 19.9

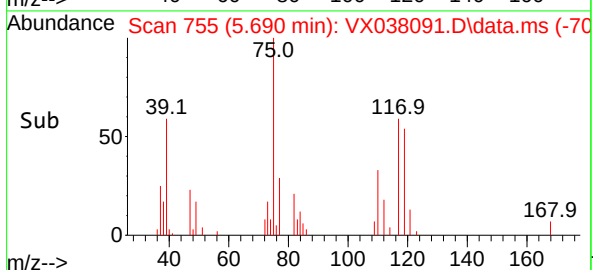
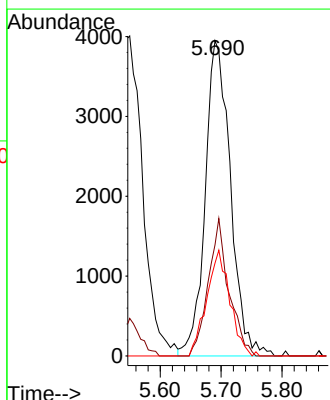
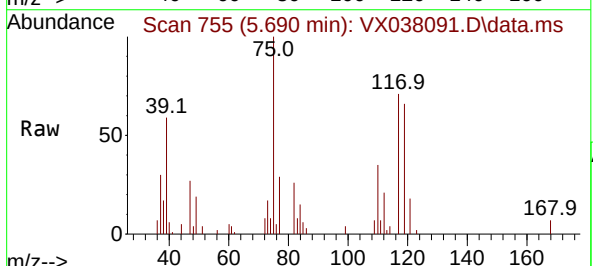
Manual Integrations
APPROVED

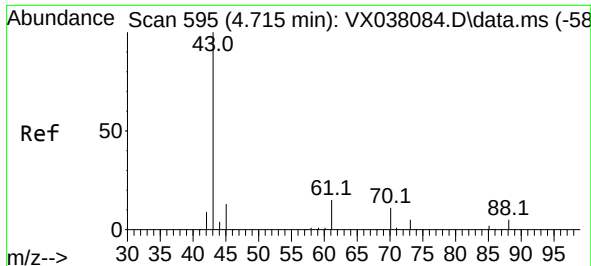
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 75 Resp: 11394
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 4.944 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

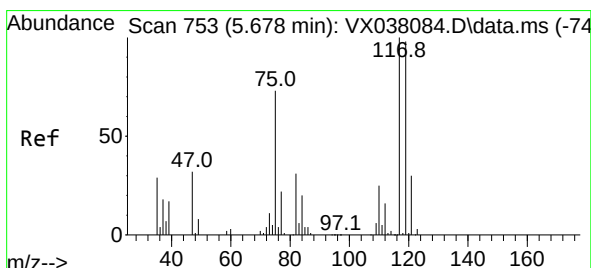
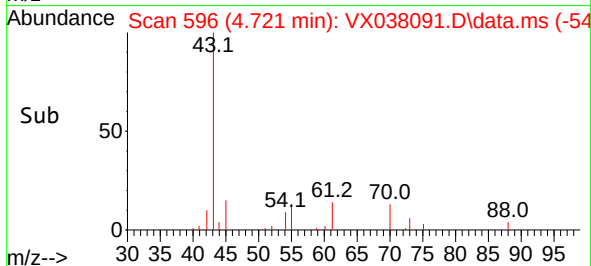
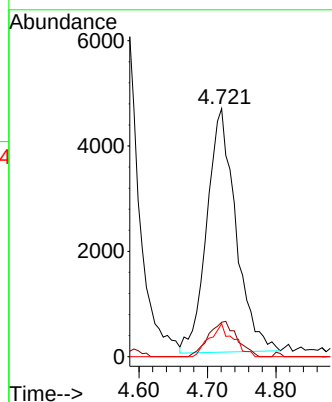
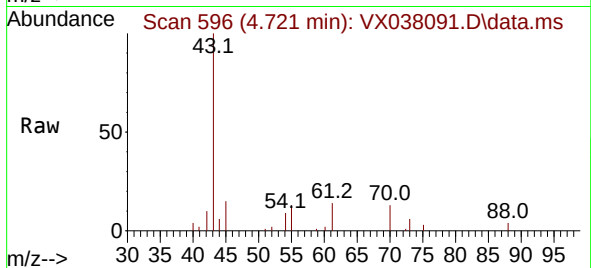
Tgt Ion:	43	Resp:	13609
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	11.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 4.611 ug/l

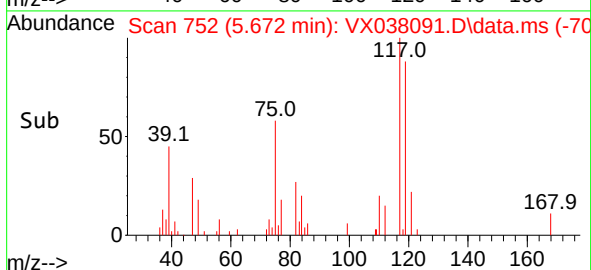
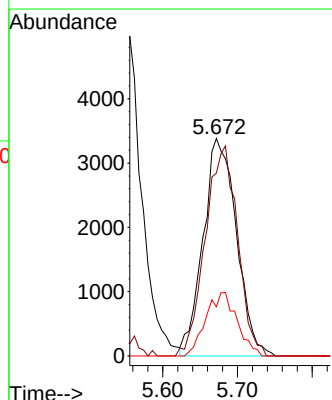
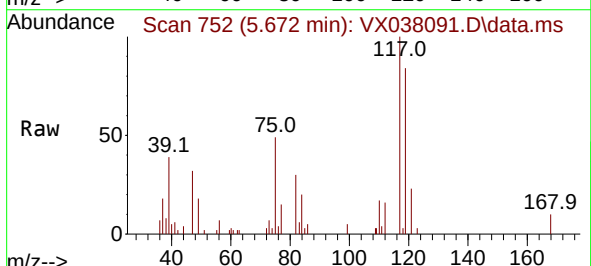
RT: 5.672 min Scan# 752

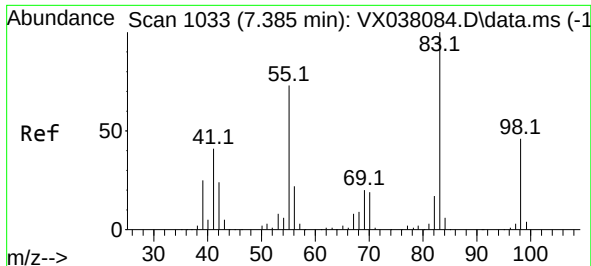
Delta R.T. -0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion:	117	Resp:	10514
Ion	Ratio	Lower	Upper
117	100		
119	84.1	78.2	117.2
121	22.6	24.4	36.6





#39

Methylcyclohexane

Concen: 4.915 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 13344

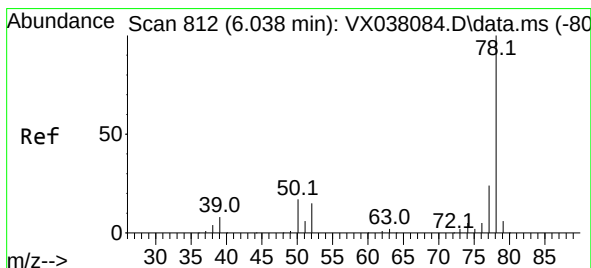
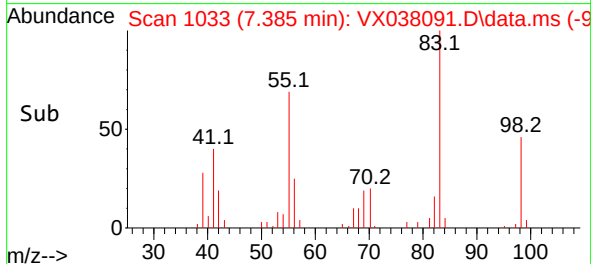
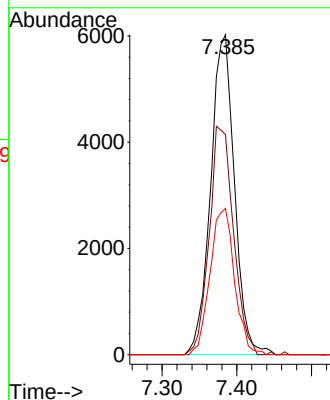
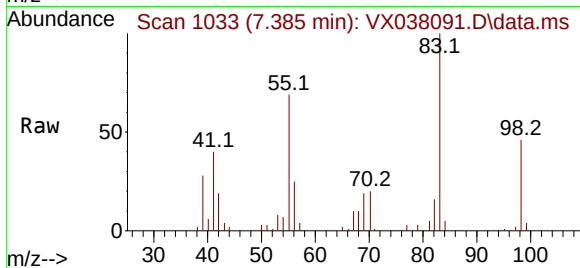
Ion	Ratio	Lower	Upper
83	100		
55	68.8	64.6	97.0
98	45.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 5.039 ug/l

RT: 6.037 min Scan# 812

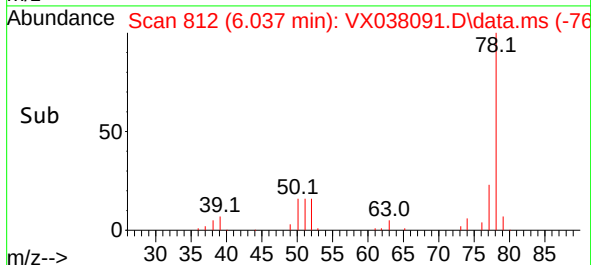
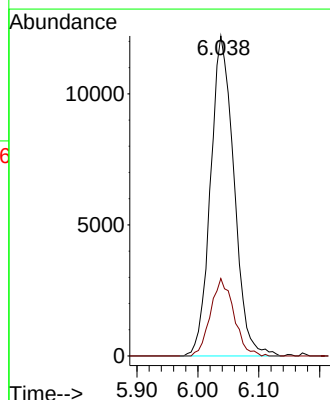
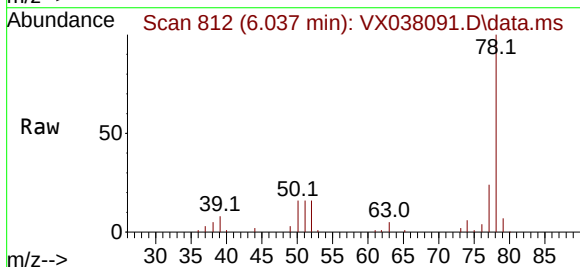
Delta R.T. -0.000 min

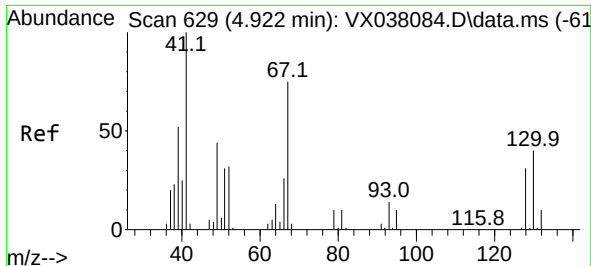
Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion: 78 Resp: 32663

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





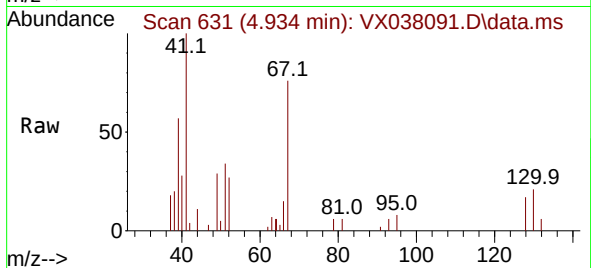
#41
Methacrylonitrile
Concen: 4.685 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



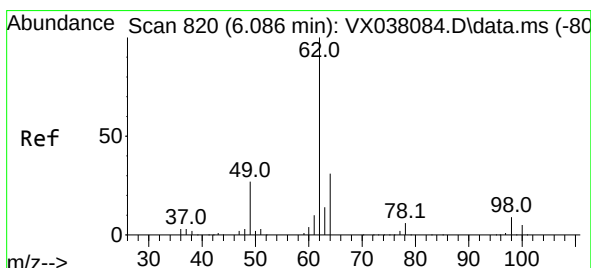
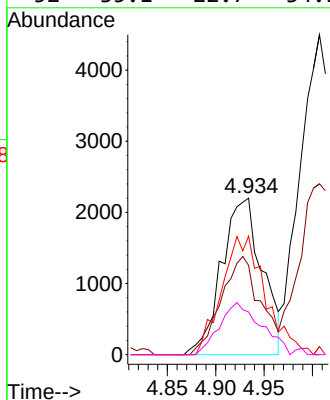
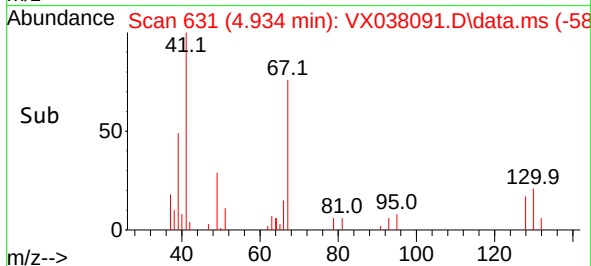
Tgt Ion: 41 Resp: 641
Ion Ratio Lower Upper
41 100
39 60.9 45.2 67.8
67 81.2 52.6 78.8
52 35.1 22.7 34.1#

Manual Integrations

APPROVED

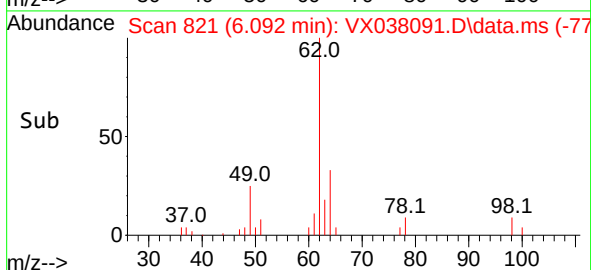
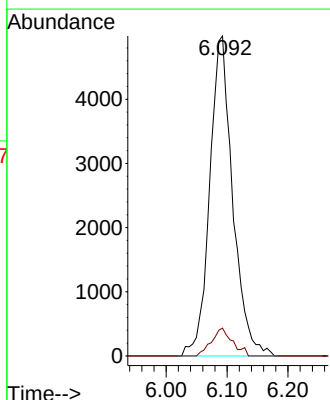
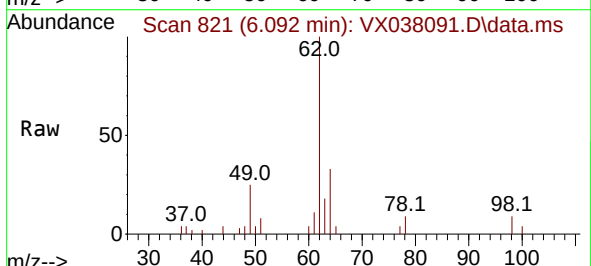
Reviewed By :John Carlone 10/05/2023

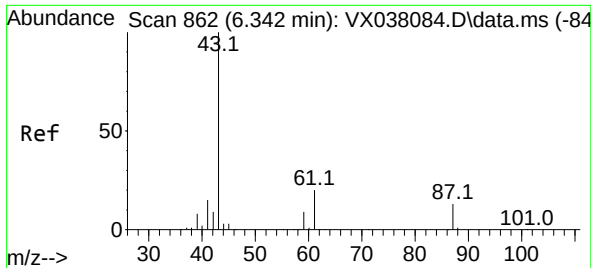
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 5.054 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

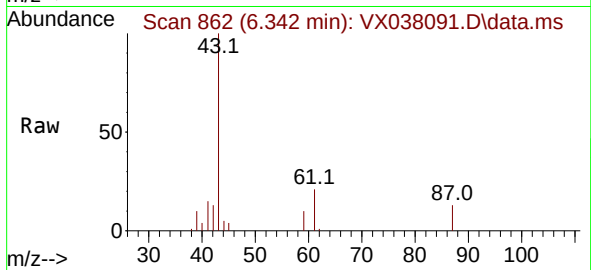
Tgt Ion: 62 Resp: 13091
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 4.753 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

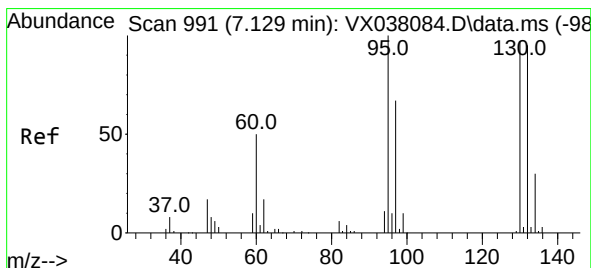
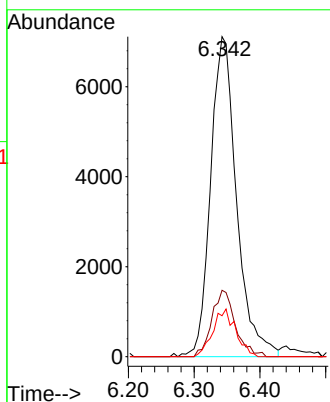
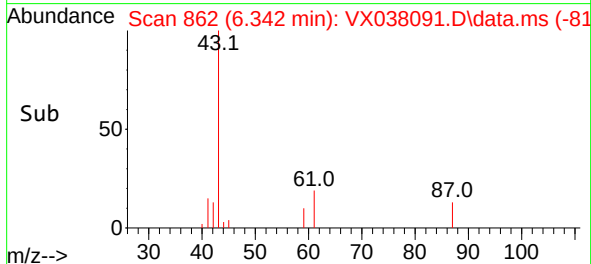
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



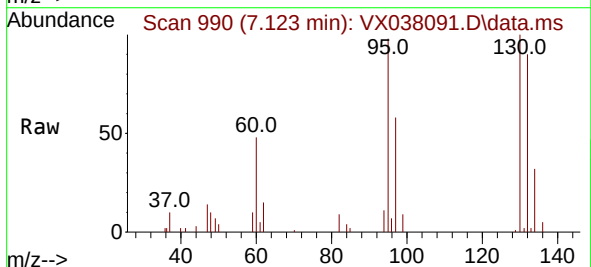
Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 13.1 9.8 14.6

Manual Integrations
APPROVED

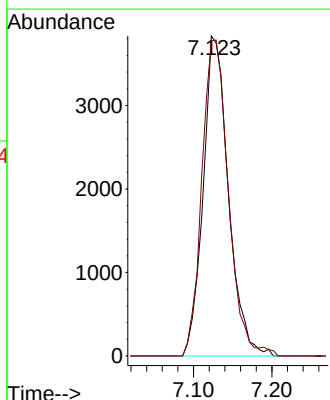
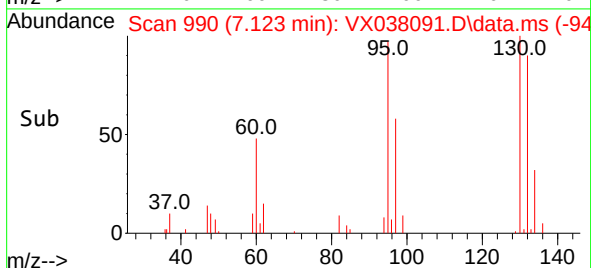
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

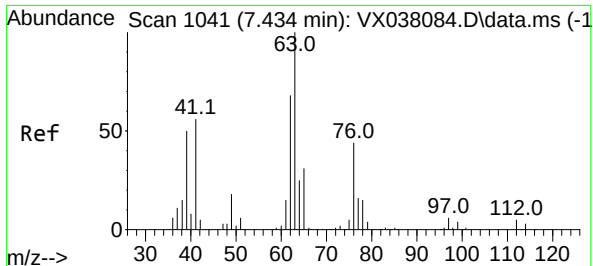


#44
Trichloroethene
Concen: 5.062 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21



Tgt Ion:130 Resp: 8582
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.077 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 8519

Ion Ratio Lower Upper

63 100

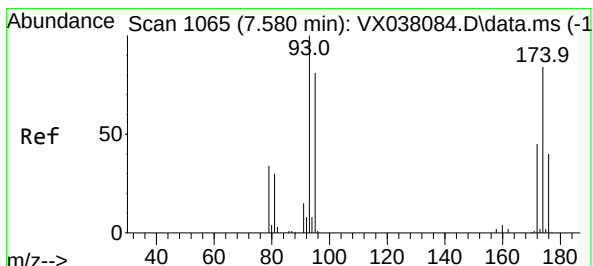
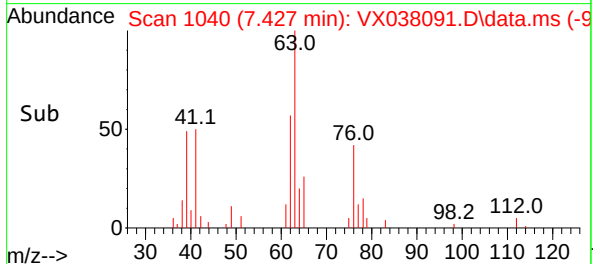
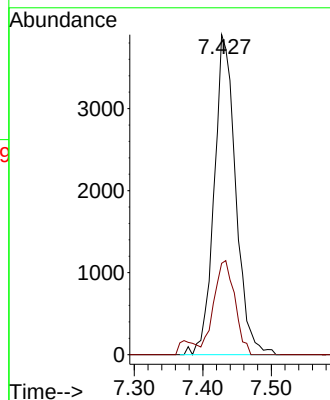
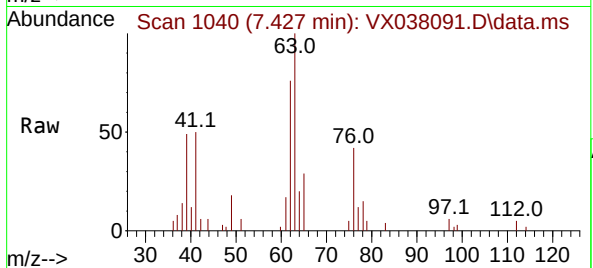
65 28.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 4.944 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

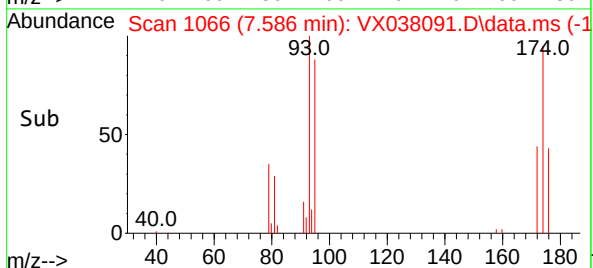
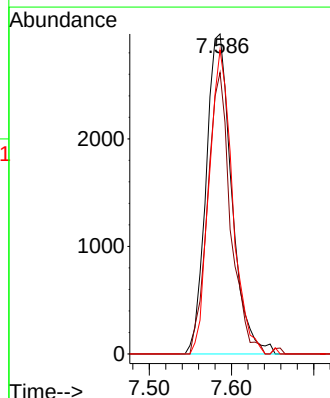
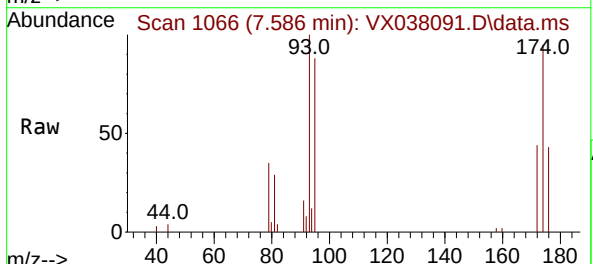
Tgt Ion: 93 Resp: 6434

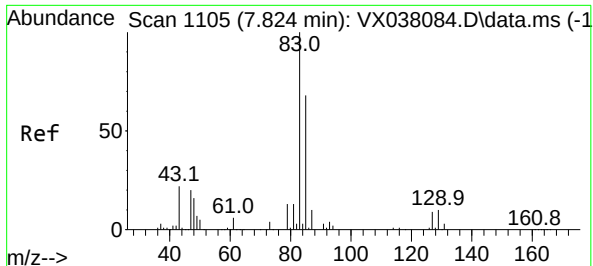
Ion Ratio Lower Upper

93 100

95 79.4 66.6 100.0

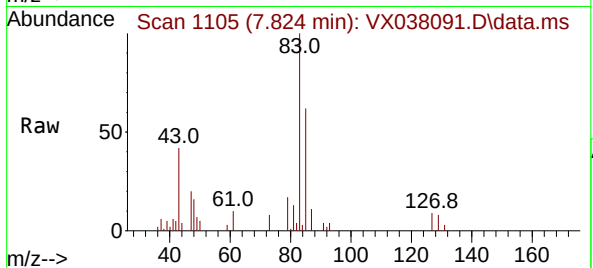
174 86.8 69.4 104.0





#47
Bromodichloromethane
Concen: 4.630 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

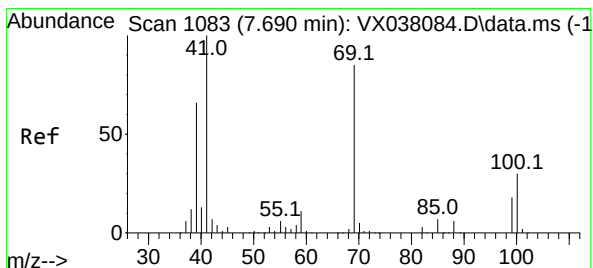
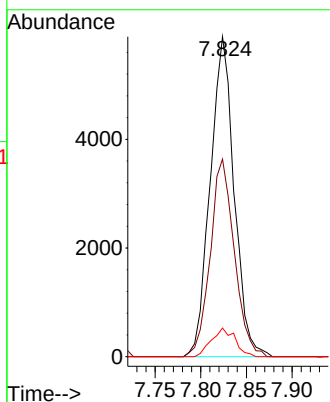
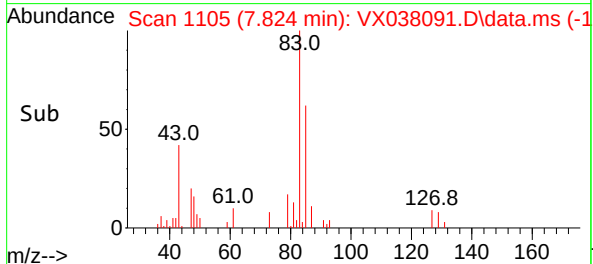
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



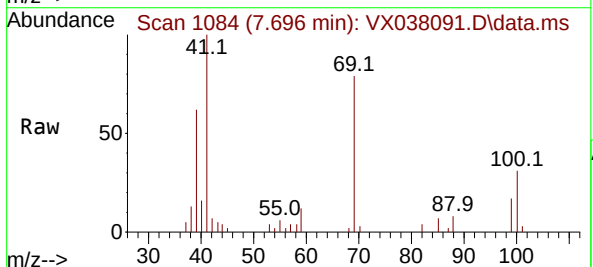
Tgt Ion: 83 Resp: 10719
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.9 7.1 10.7

Manual Integrations
APPROVED

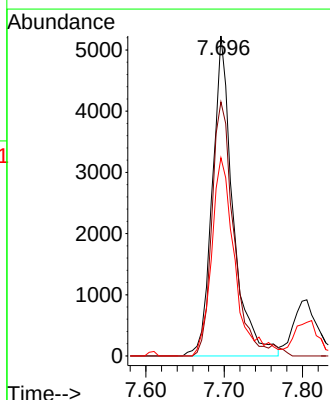
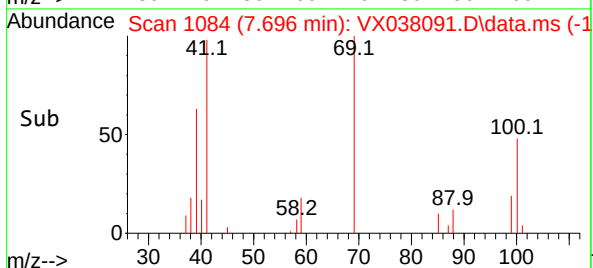
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

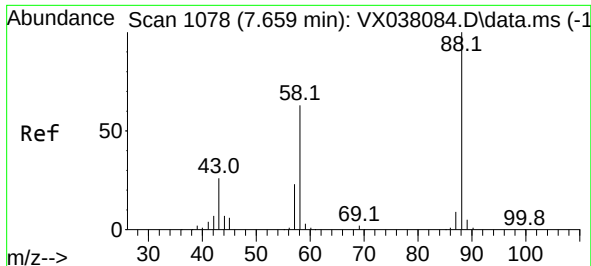


#48
Methyl methacrylate
Concen: 4.890 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21



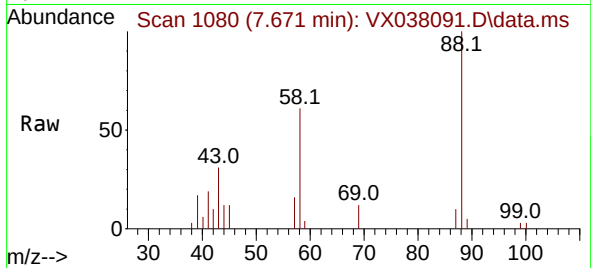
Tgt Ion: 41 Resp: 9592
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 69.1 47.7 71.5





#49
1,4-Dioxane
Concen: 99.172 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

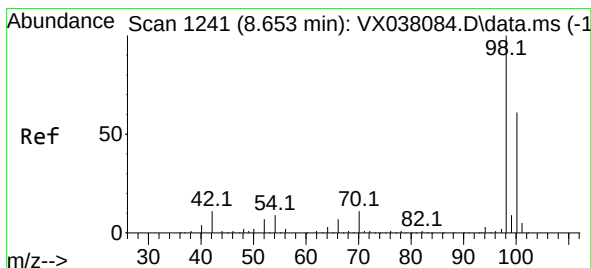
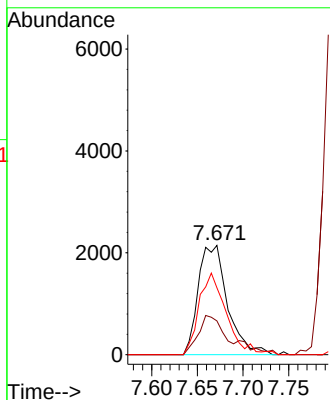
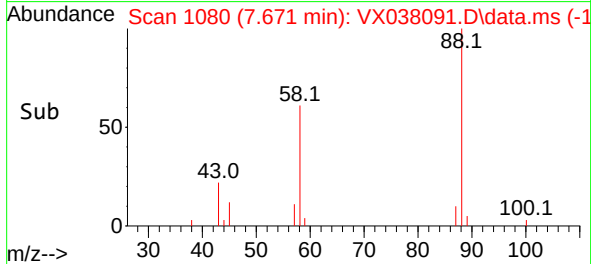
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 4794
Ion Ratio Lower Upper
88 100
43 37.9 0.0 0.0
58 69.8 60.1 90.1

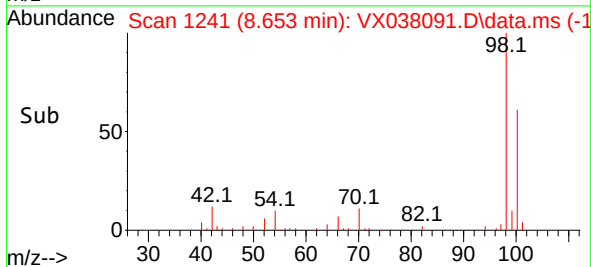
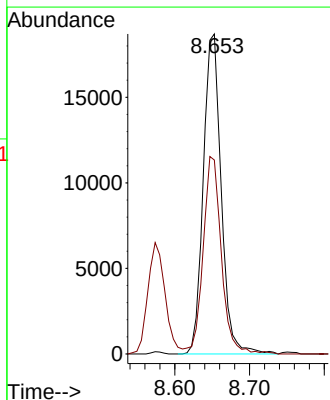
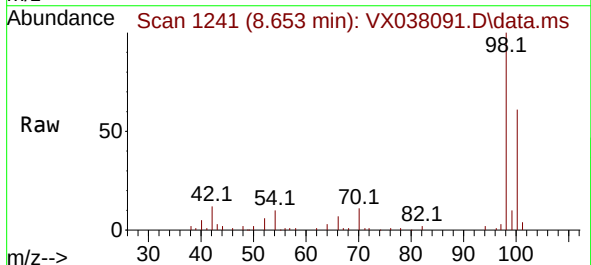
Manual Integrations
APPROVED

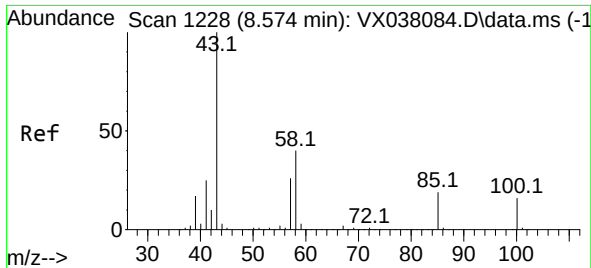
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#50
Toluene-d8
Concen: 4.854 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 98 Resp: 31176
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 25.077 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

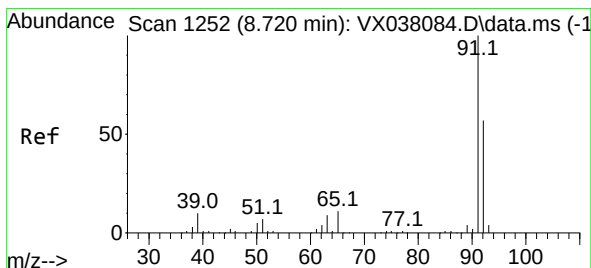
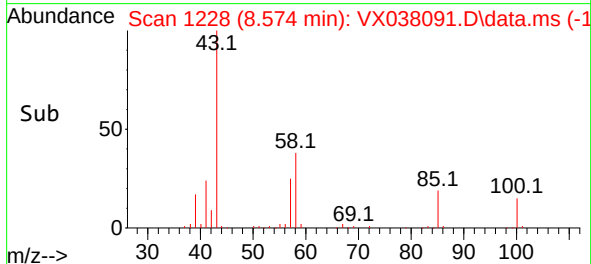
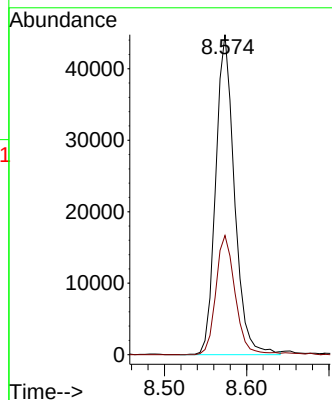
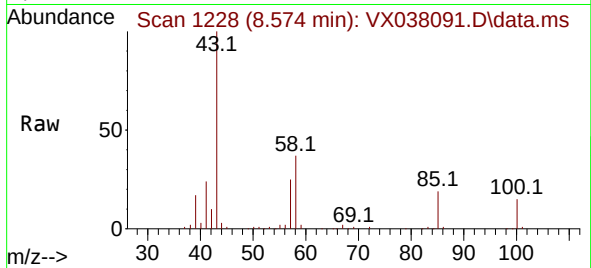
VSTDICC005

Tgt Ion: 43 Resp: 7107
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

Manual Integrations

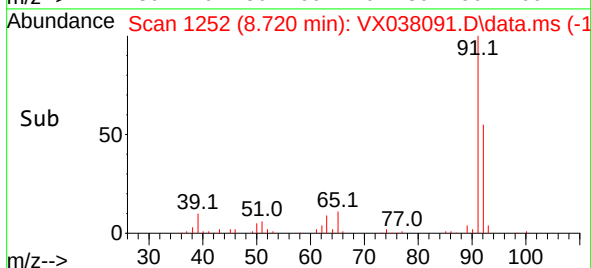
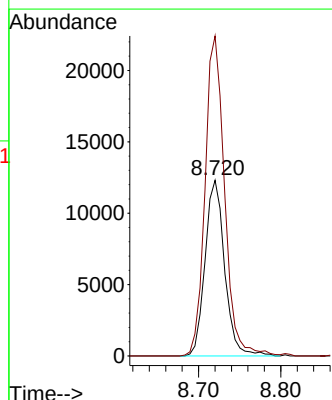
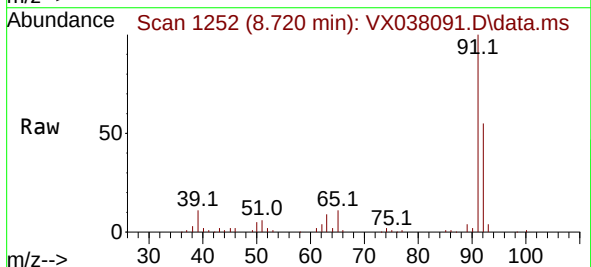
APPROVED

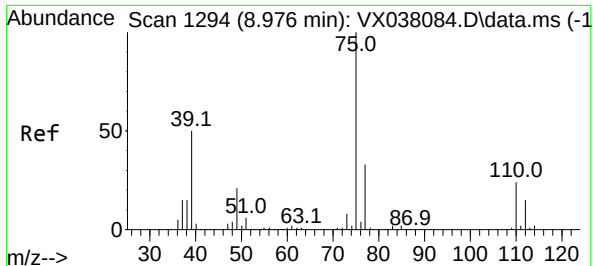
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 4.829 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 92 Resp: 20392
Ion Ratio Lower Upper
92 100
91 181.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.088 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1015

Ion Ratio Lower Upper

75 100

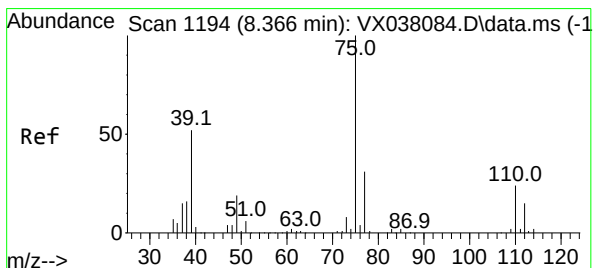
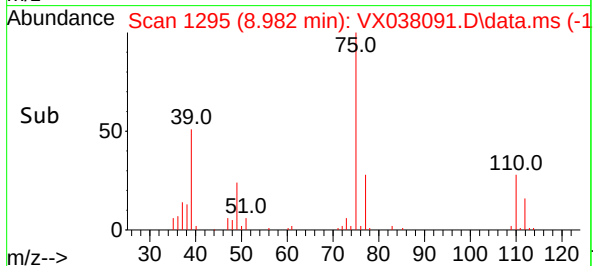
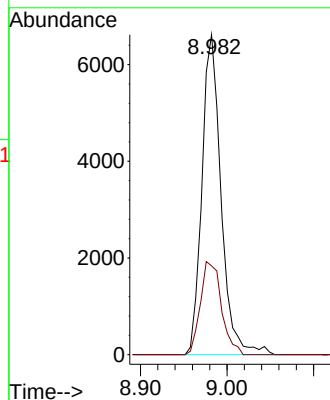
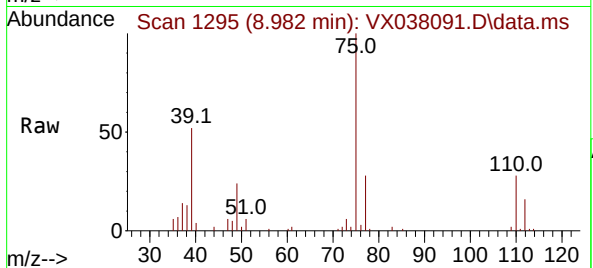
77 27.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#54

cis-1,3-Dichloropropene

Concen: 4.525 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

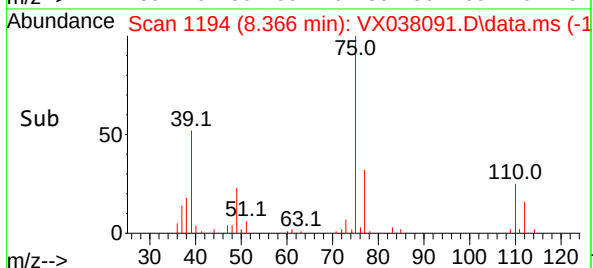
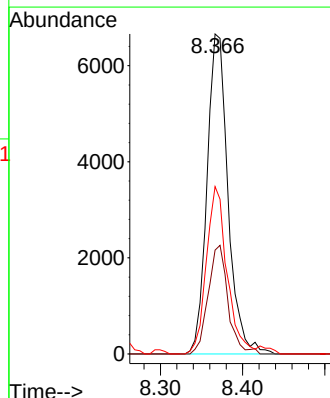
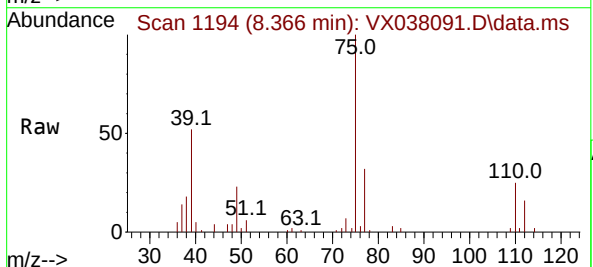
Tgt Ion: 75 Resp: 11814

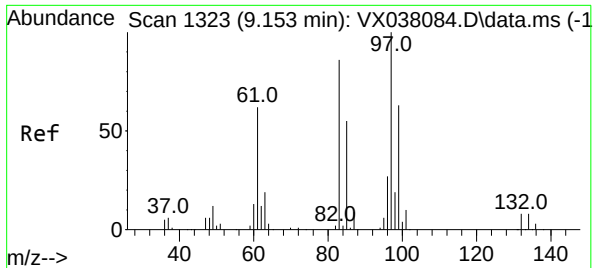
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

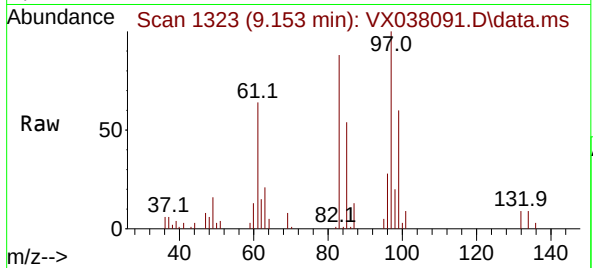
39 52.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.943 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

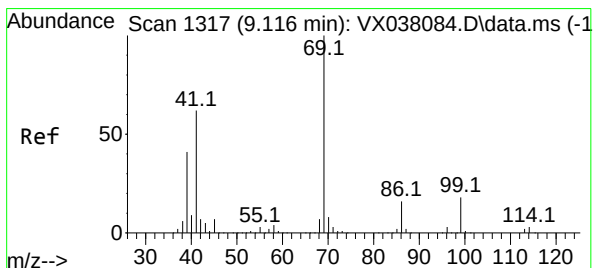
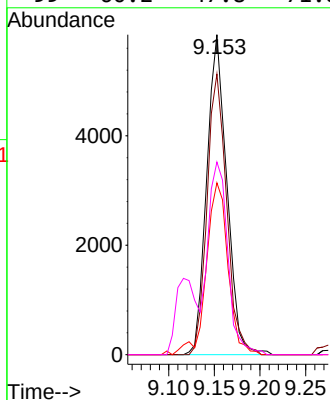
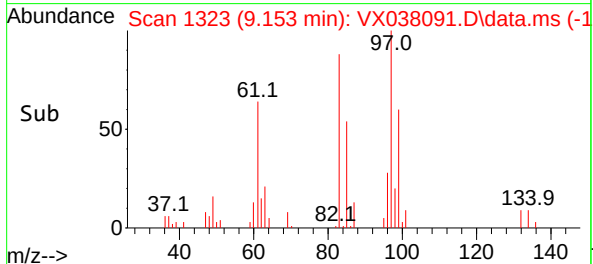


Tgt Ion: 97 Resp: 8928

Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.8	98.8
85	53.7	41.6	62.4
99	60.2	47.8	71.8

Manual Integrations
APPROVED

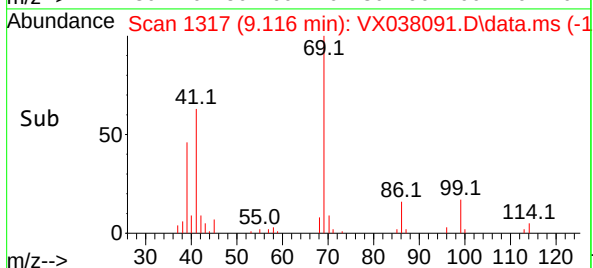
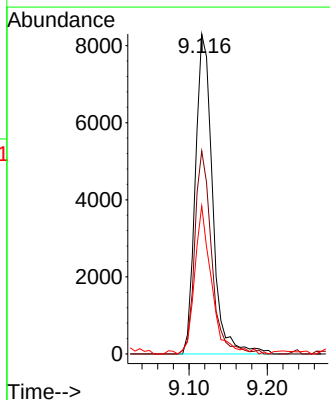
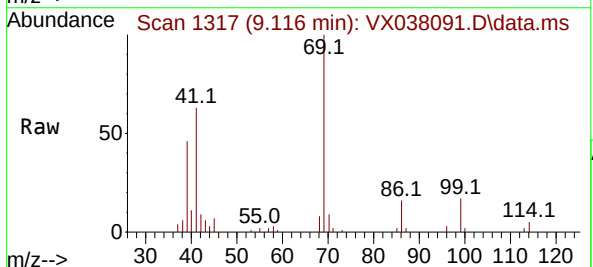
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

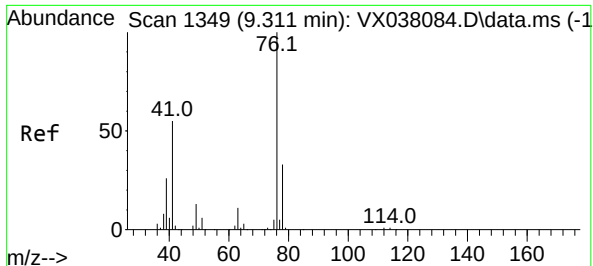


#56
Ethyl methacrylate
Concen: 4.593 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 69 Resp: 12719

Ion	Ratio	Lower	Upper
69	100		
41	62.0	56.8	85.2
39	45.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 4.818 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1407

Ion Ratio Lower Upper

76 100

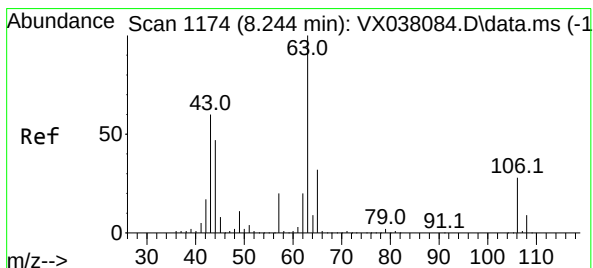
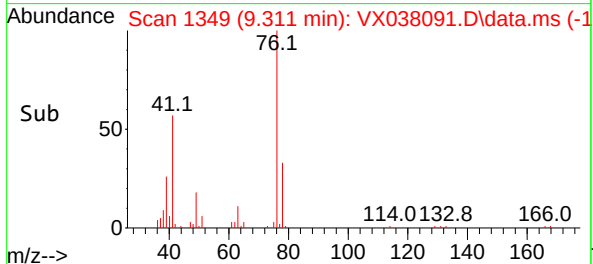
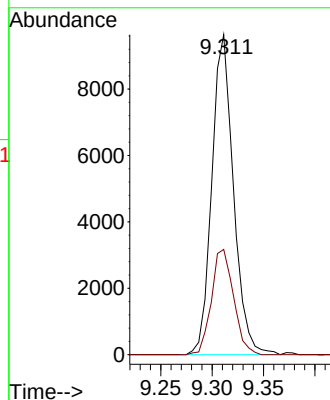
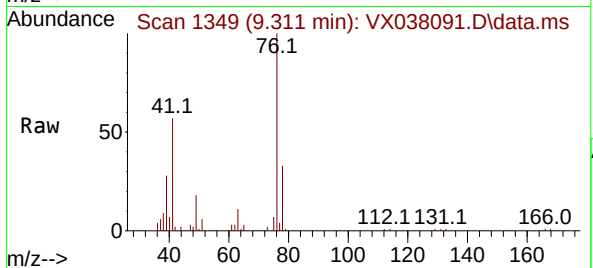
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.488 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038091.D

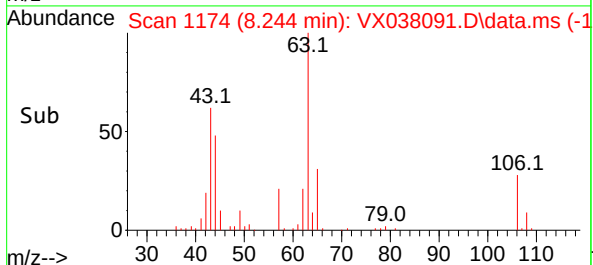
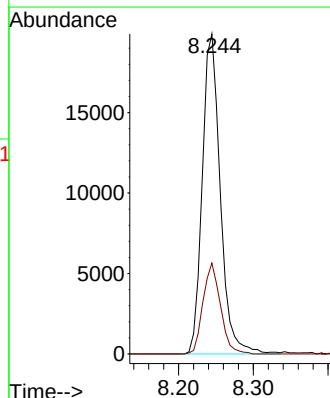
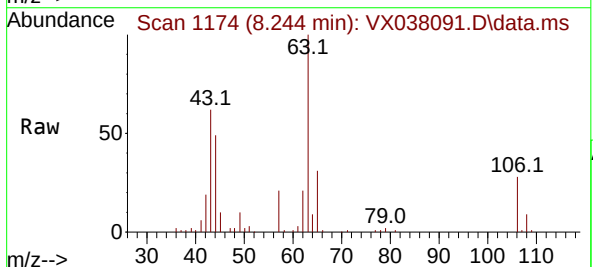
Acq: 05 Oct 2023 10:21

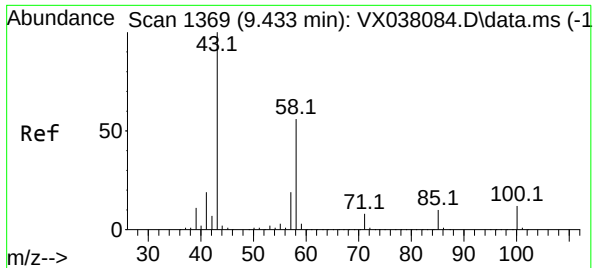
Tgt Ion: 63 Resp: 33288

Ion Ratio Lower Upper

63 100

106 27.5 22.5 33.7





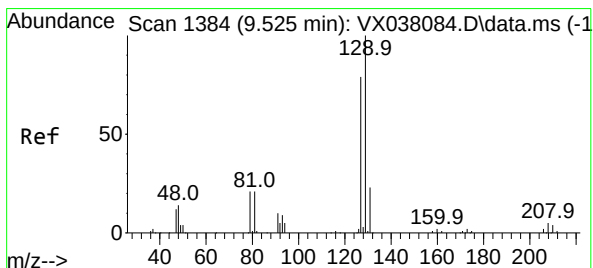
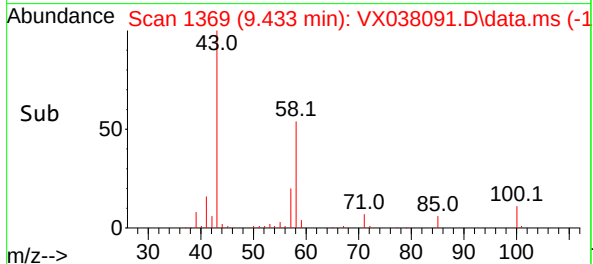
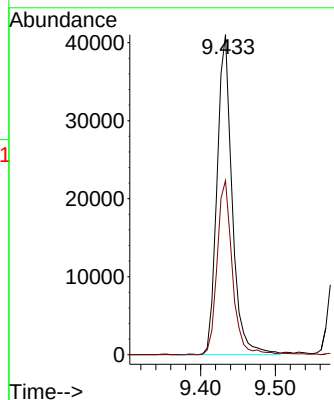
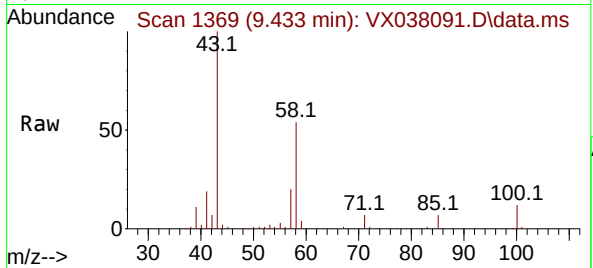
#59
2-Hexanone
Concen: 25.241 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5751
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

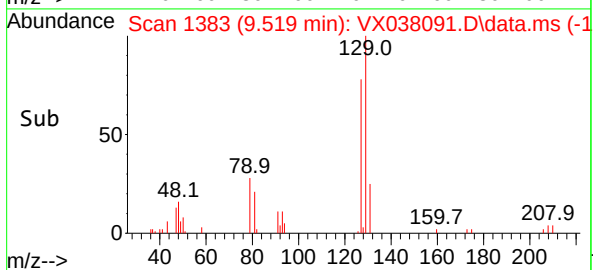
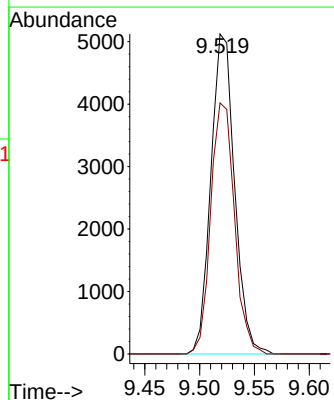
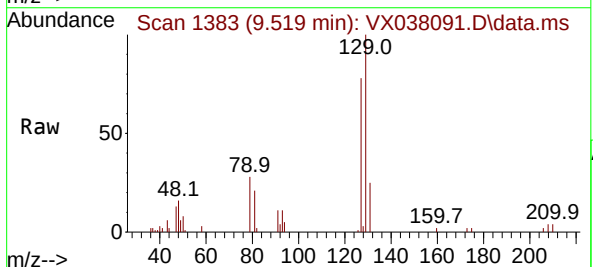
Manual Integrations
APPROVED

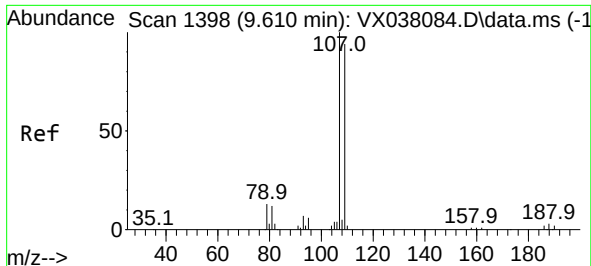
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 4.361 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

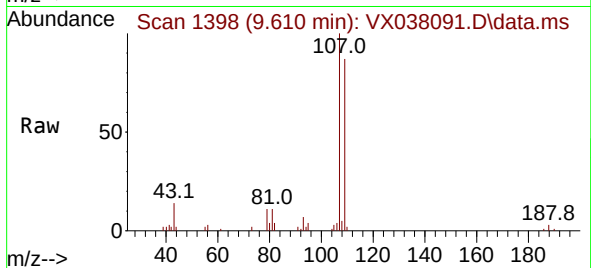
Tgt Ion:129 Resp: 7710
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.756 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

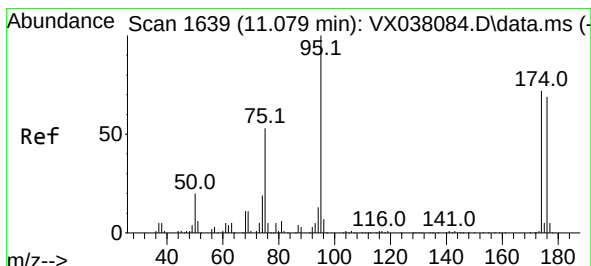
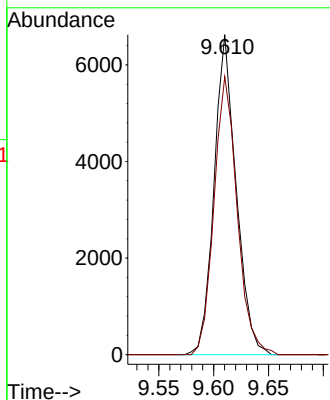
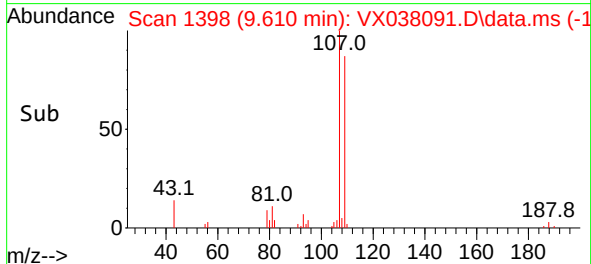
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 9290
Ion Ratio Lower Upper
107 100
109 91.1 75.2 112.8

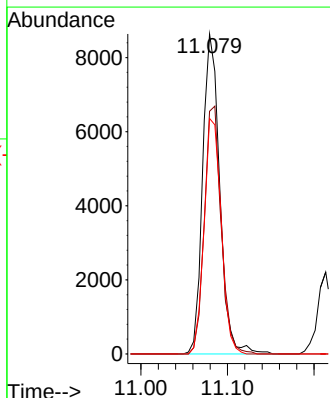
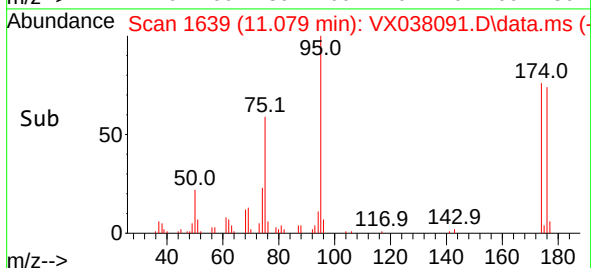
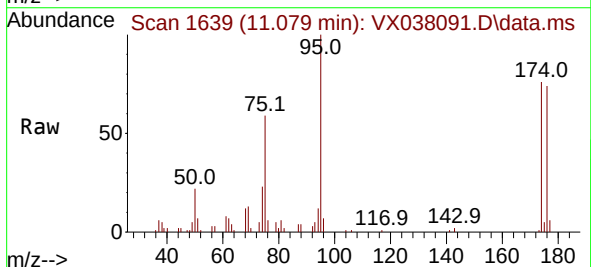
Manual Integrations
APPROVED

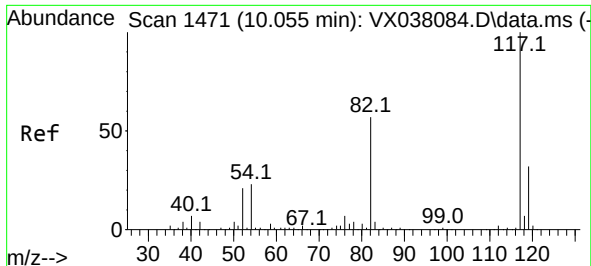
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 4.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

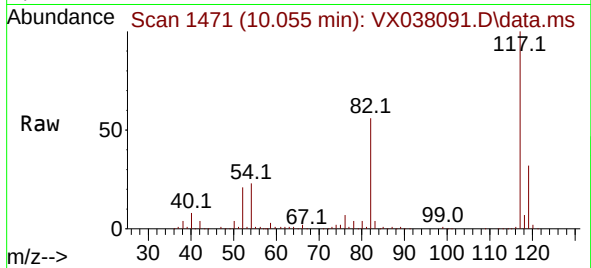
Tgt Ion: 95 Resp: 11801
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 73.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

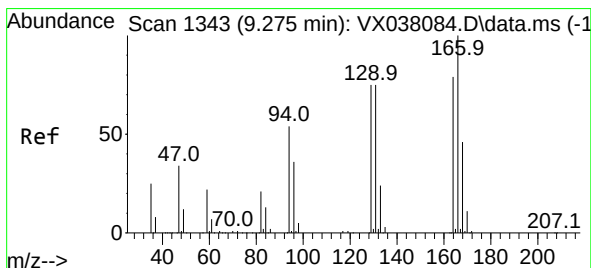
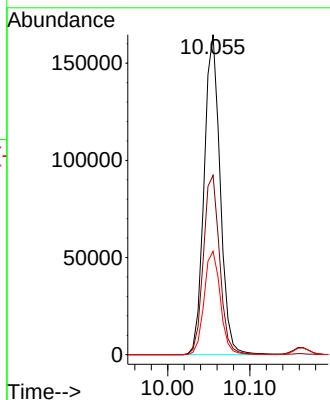
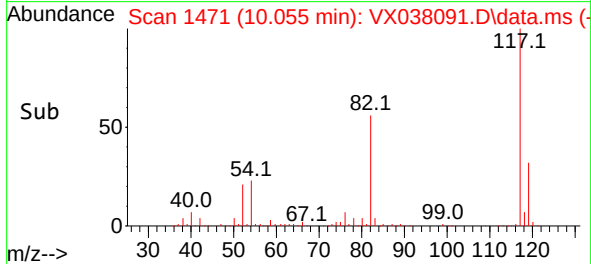
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 22348
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.3 25.5 38.3

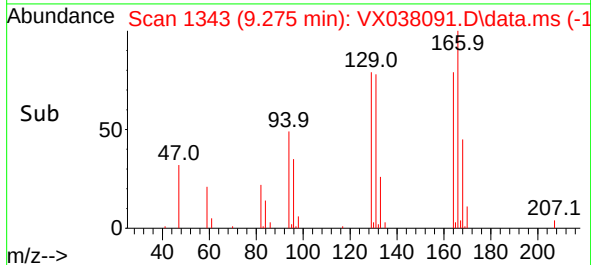
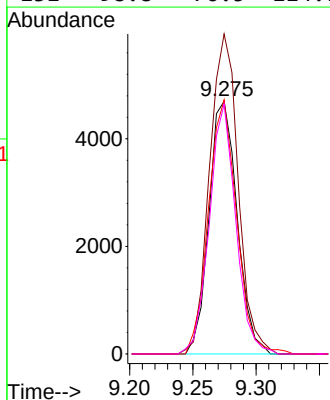
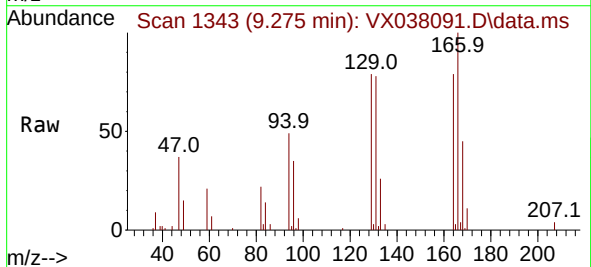
Manual Integrations
APPROVED

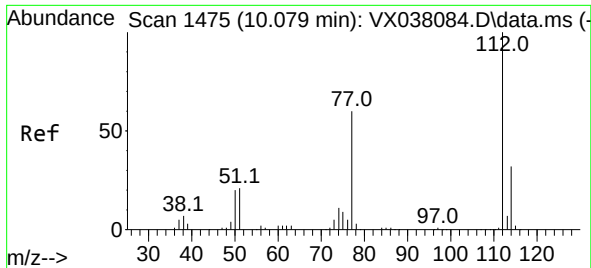
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 5.032 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion:164 Resp: 7280
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 100.5 80.4 120.6
131 98.8 76.5 114.7





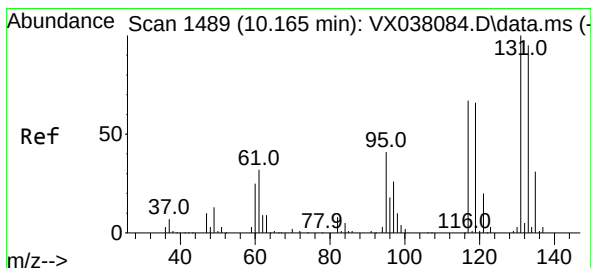
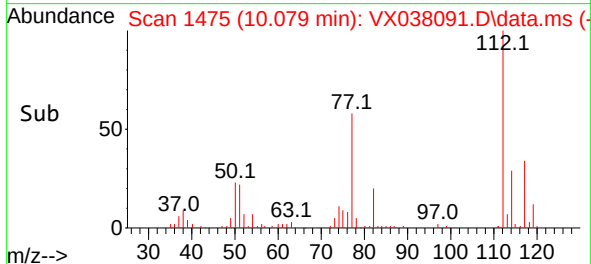
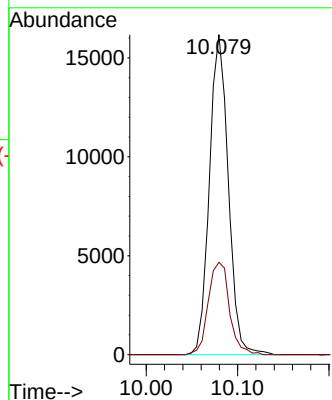
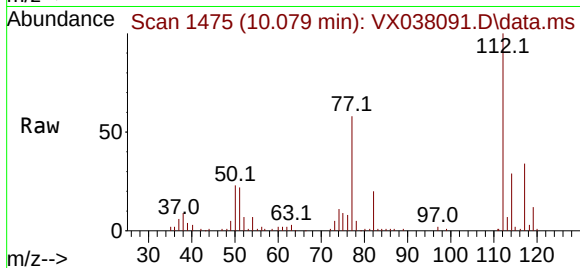
#65
Chlorobenzene
Concen: 4.960 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 2319
Ion Ratio Lower Upper
112 100
114 28.9 25.7 38.5

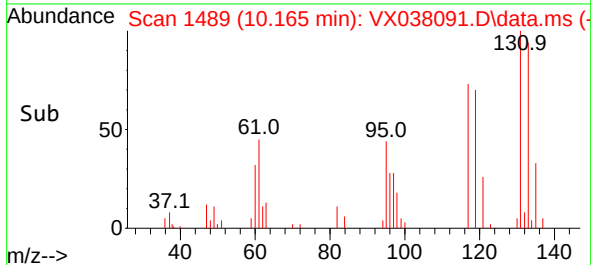
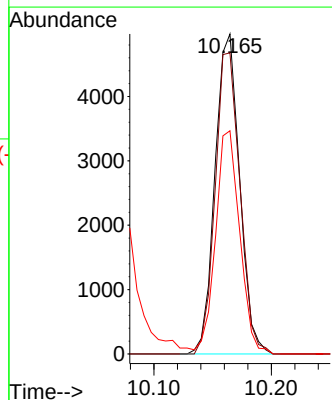
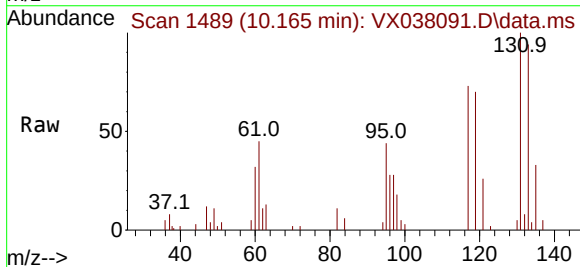
Manual Integrations
APPROVED

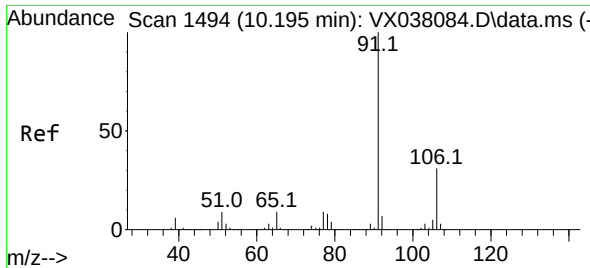
Reviewed By :John Carbone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.567 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion:131 Resp: 7222
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 68.6 32.2 96.6





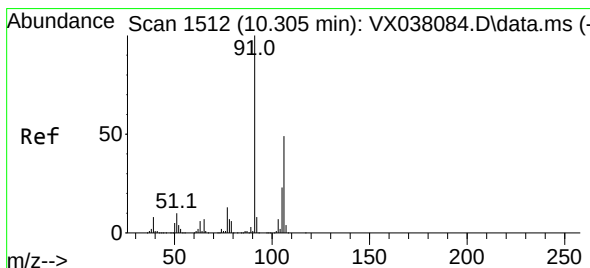
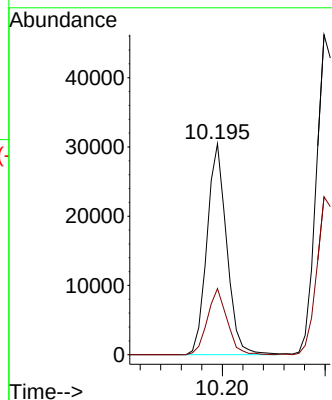
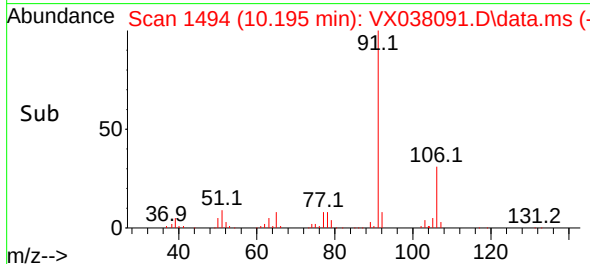
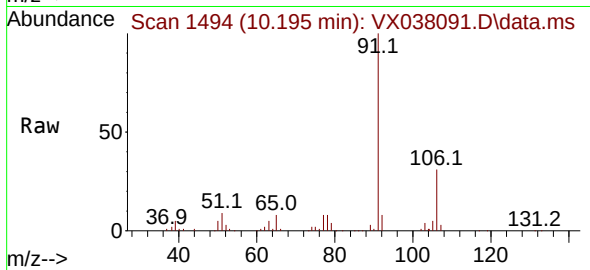
#67
Ethyl Benzene
Concen: 4.868 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 40634
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

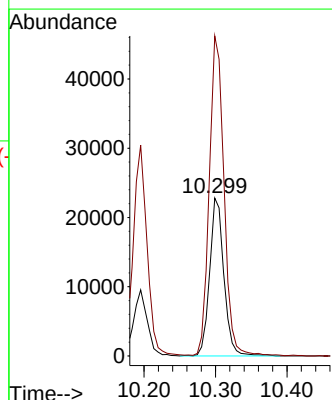
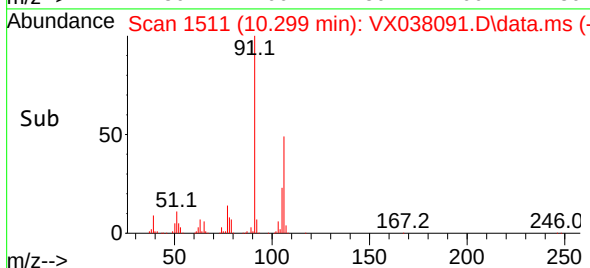
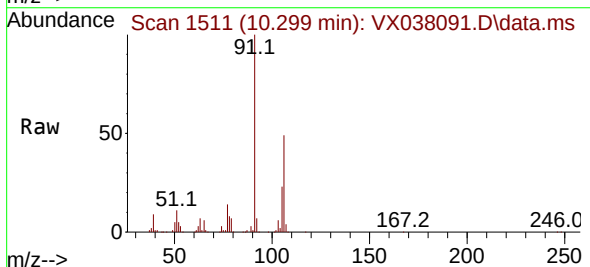
Manual Integrations
APPROVED

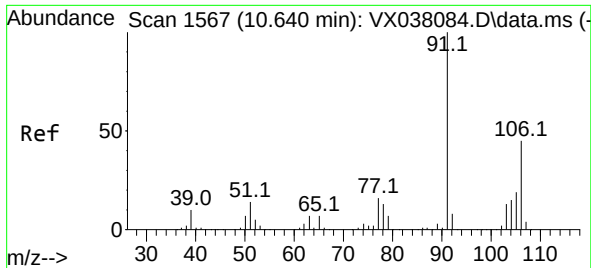
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#68
m/p-Xylenes
Concen: 9.803 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion:106 Resp: 31641
Ion Ratio Lower Upper
106 100
91 208.4 165.5 248.3





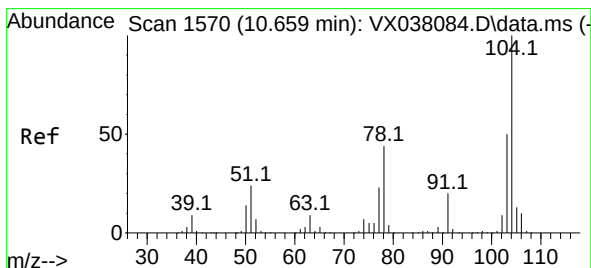
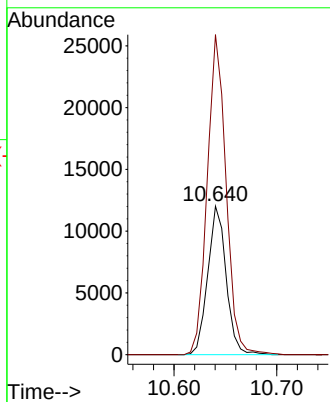
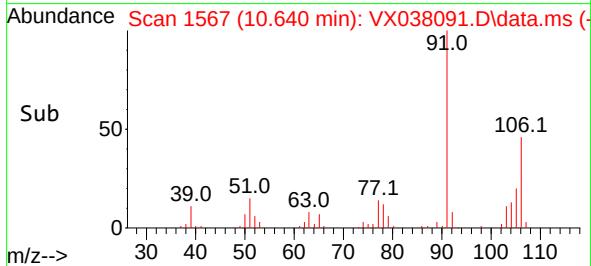
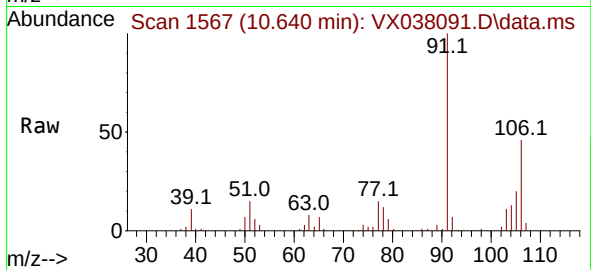
#69
o-Xylene
Concen: 4.770 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 1502
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.8

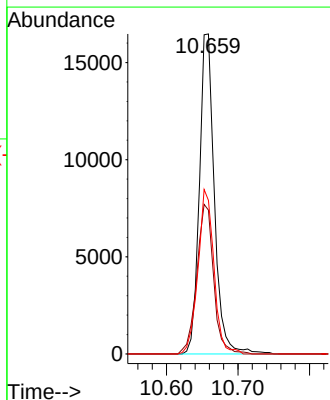
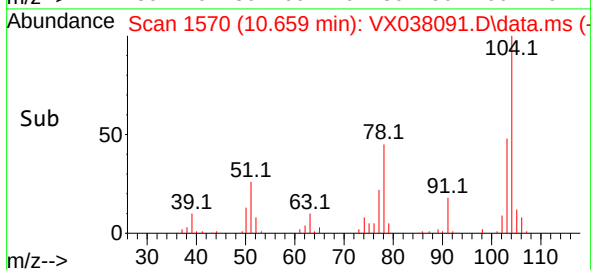
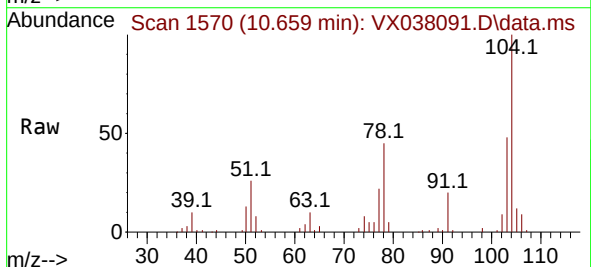
Manual Integrations
APPROVED

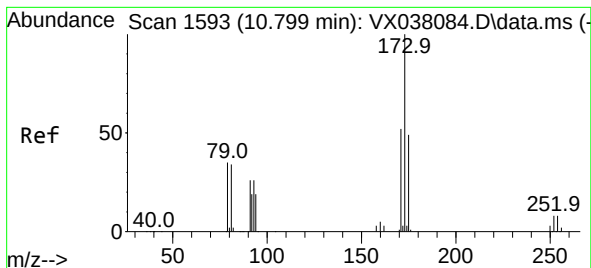
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 4.699 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion:104 Resp: 24104
Ion Ratio Lower Upper
104 100
78 52.1 43.6 65.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 6.295 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

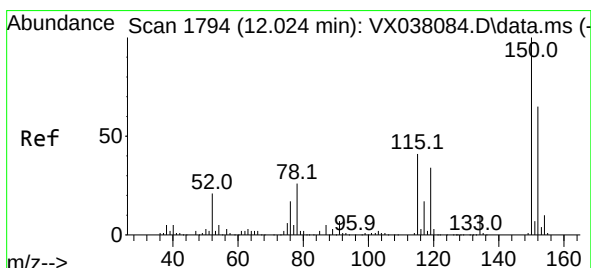
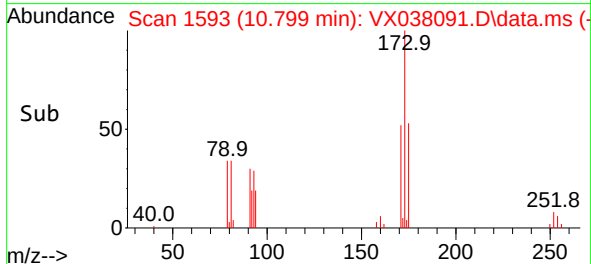
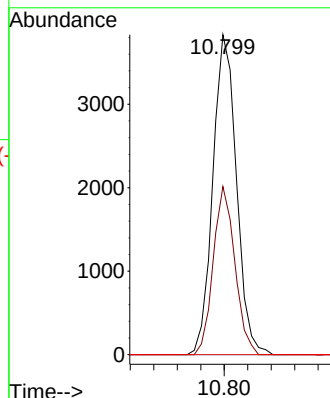
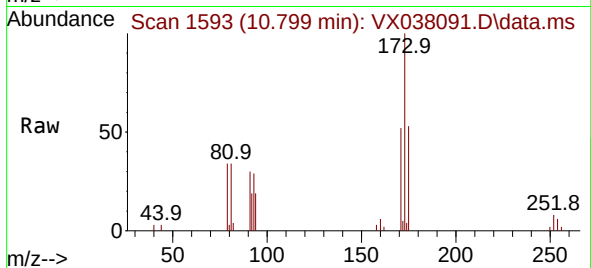
Tgt Ion:173 Resp: 534
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

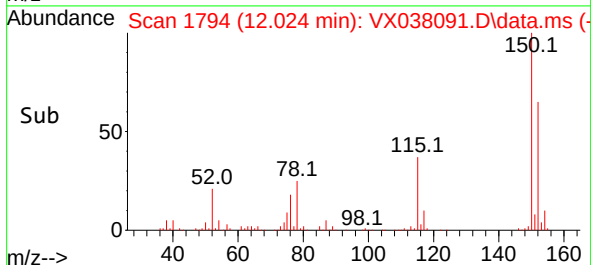
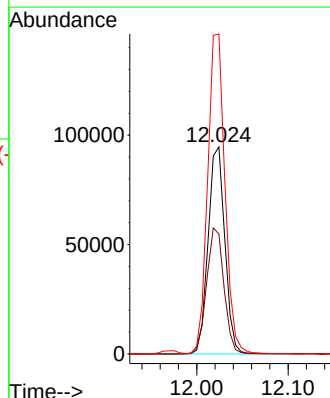
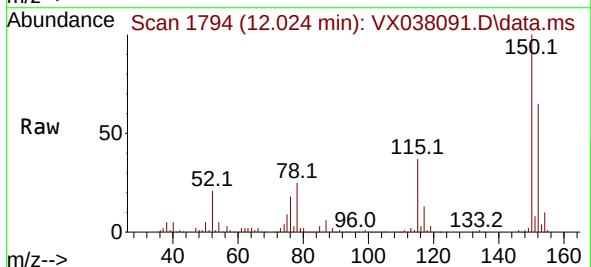
RT: 12.024 min Scan# 1794

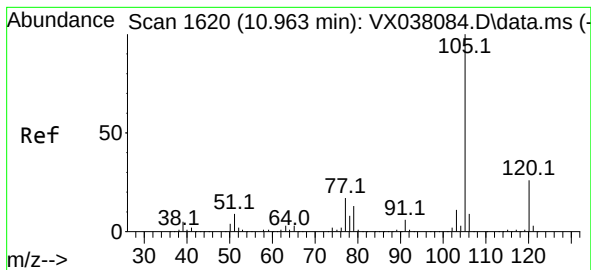
Delta R.T. 0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion:152 Resp: 120188
 Ion Ratio Lower Upper
 152 100
 115 63.2 43.3 129.9
 150 159.0 0.0 345.0





#73

Isopropylbenzene

Concen: 4.935 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 39774

Ion Ratio Lower Upper

105 100

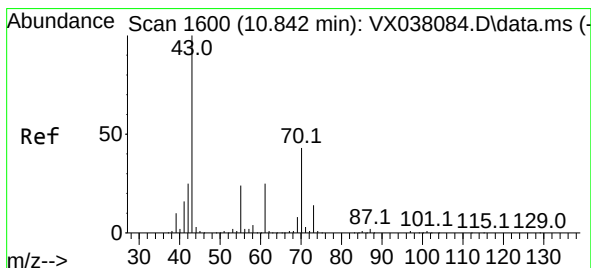
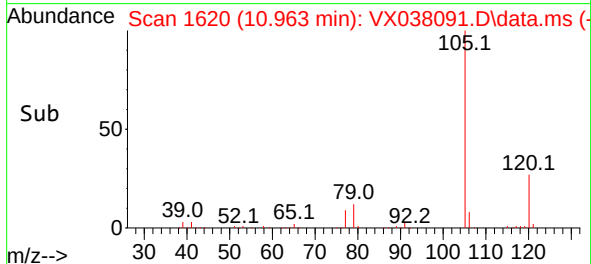
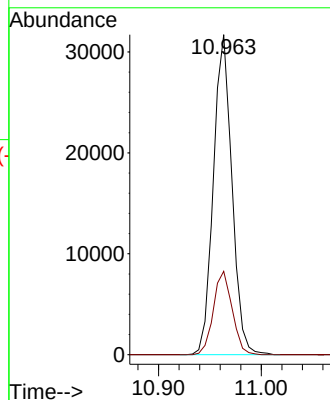
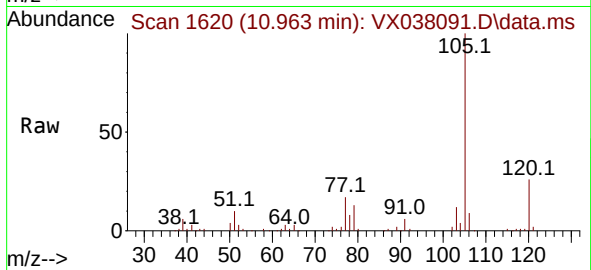
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 4.669 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion: 43 Resp: 16071

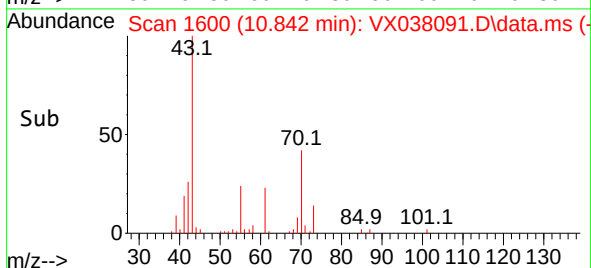
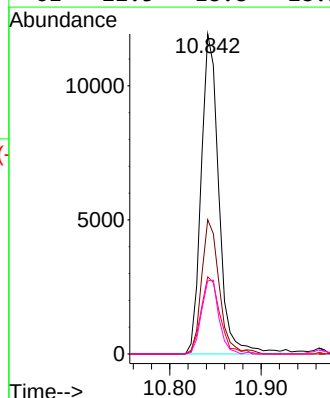
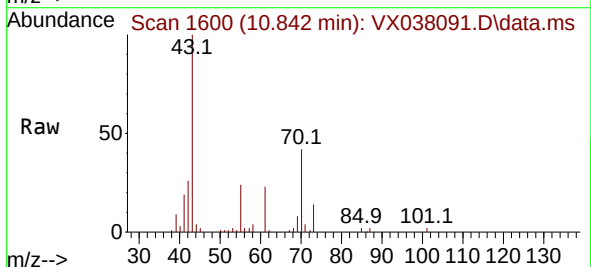
Ion Ratio Lower Upper

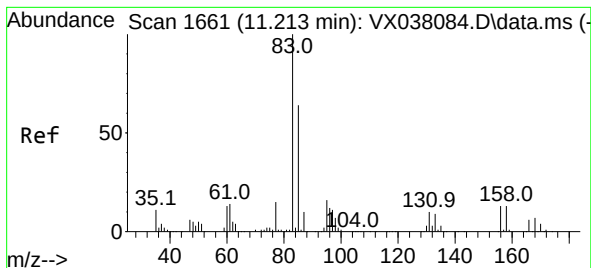
43 100

70 41.7 32.9 49.3

55 25.6 19.3 28.9

61 22.5 18.8 28.2





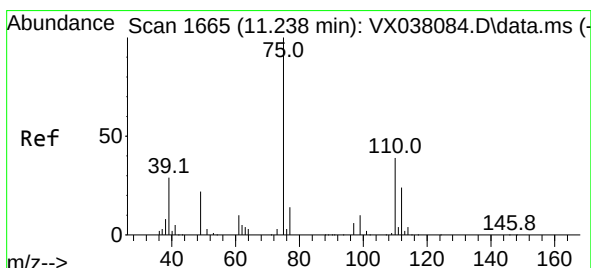
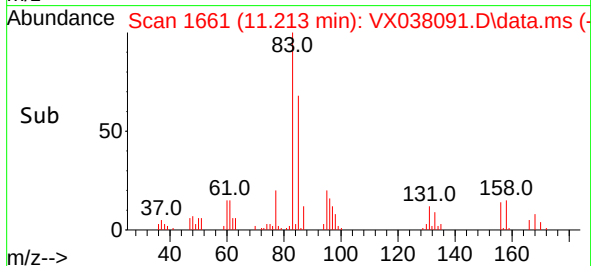
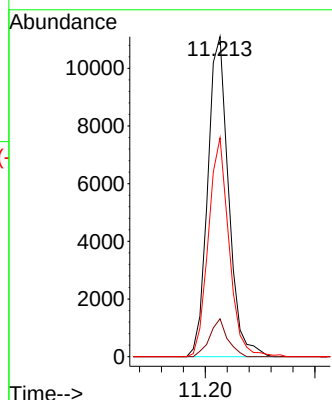
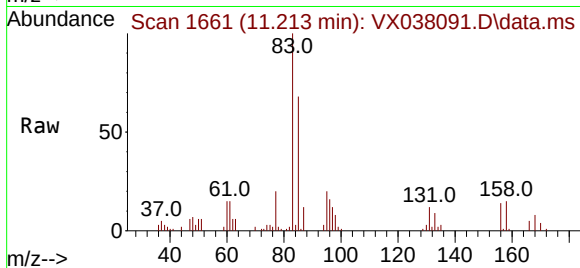
#75
1,1,2,2-Tetrachloroethane
Concen: 4.944 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1462
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 67.8 32.0 96.2

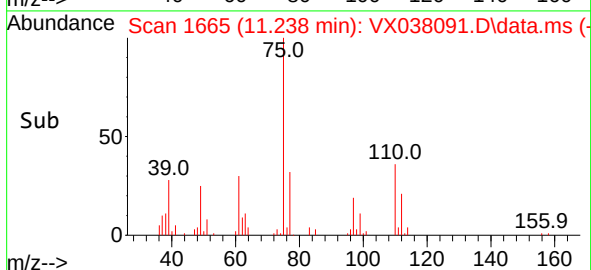
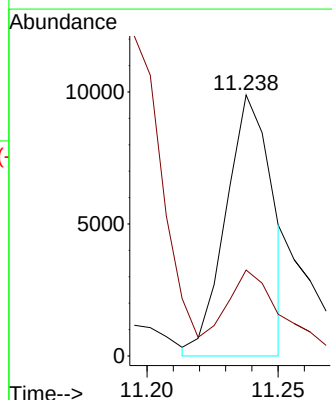
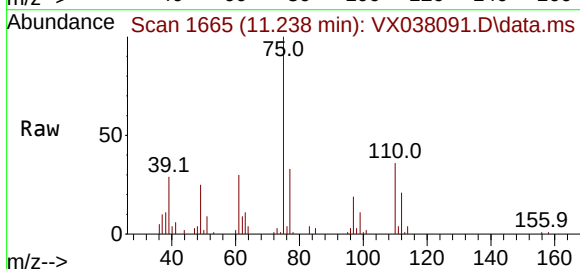
Manual Integrations
APPROVED

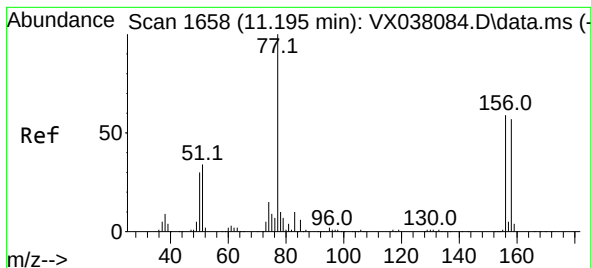
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 4.440 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 75 Resp: 12131
Ion Ratio Lower Upper
75 100
77 41.4 19.1 57.5





#77

Bromobenzene

Concen: 4.905 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

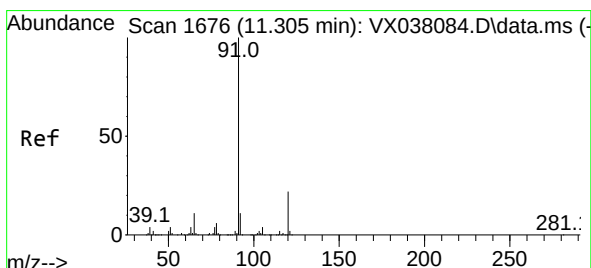
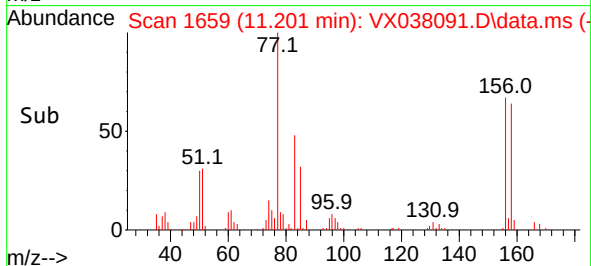
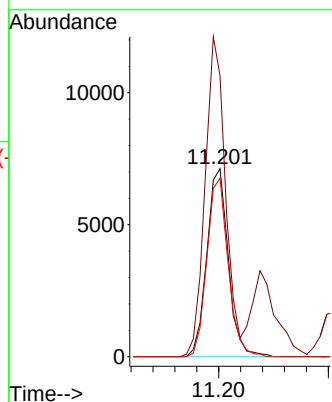
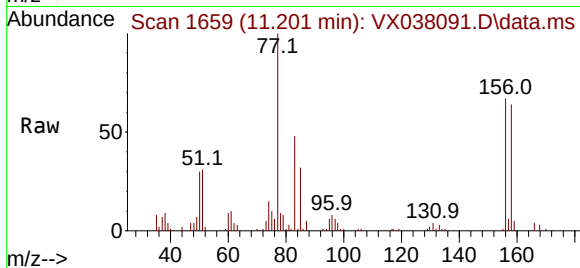
Tgt Ion:	156	Resp:	965
Ion Ratio	Lower	Upper	
156	100		
77	161.0	88.4	265.3
158	93.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 4.941 ug/l

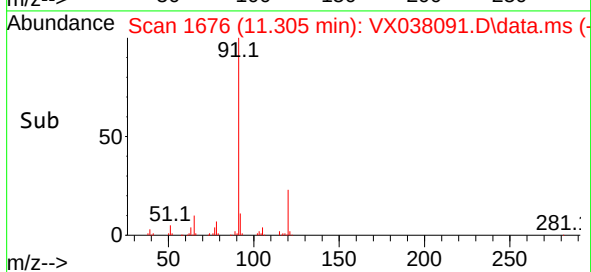
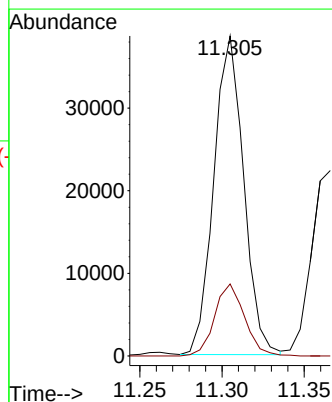
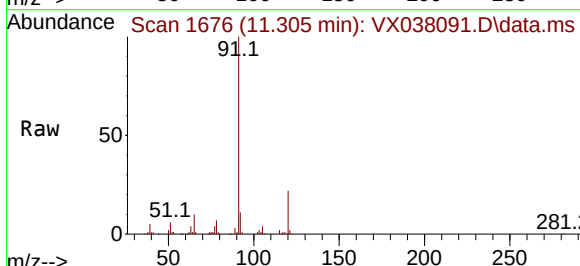
RT: 11.305 min Scan# 1676

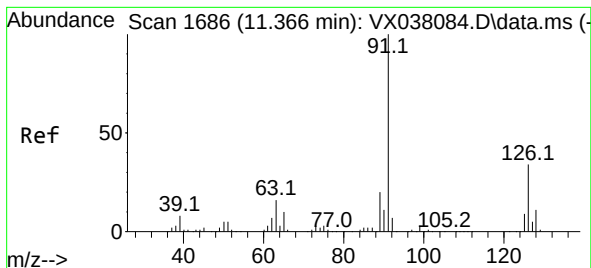
Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion:	91	Resp:	48699
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





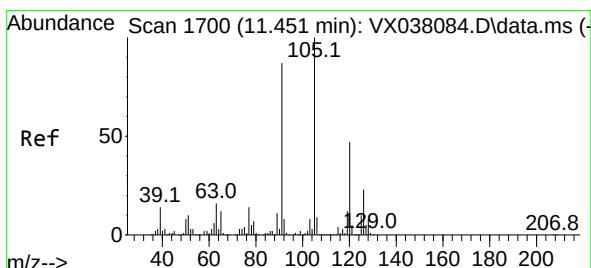
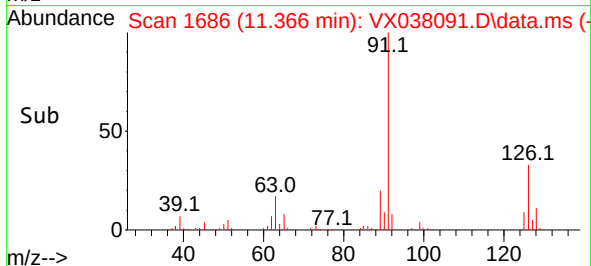
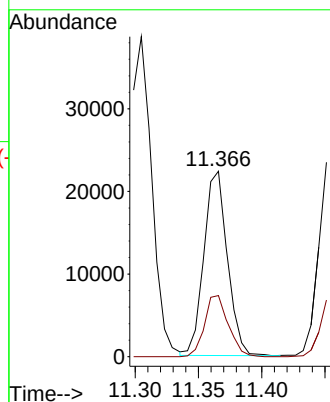
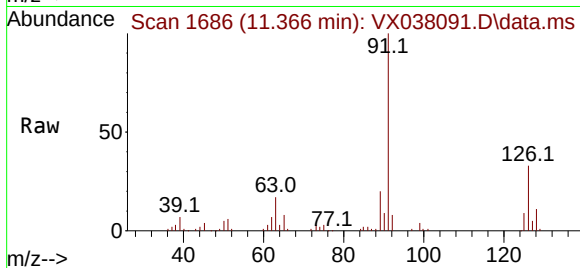
#79
2-Chlorotoluene
Concen: 4.947 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2891
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

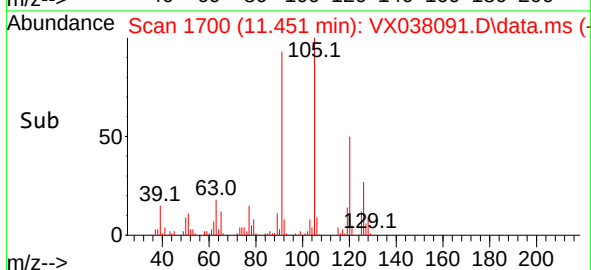
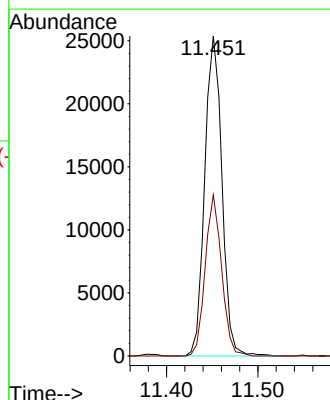
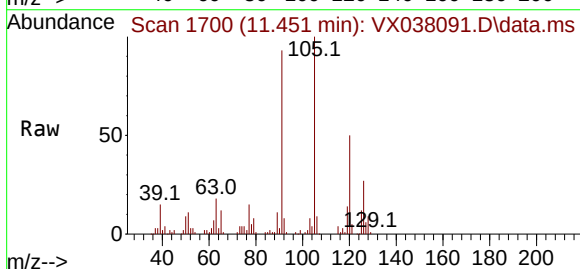
Manual Integrations
APPROVED

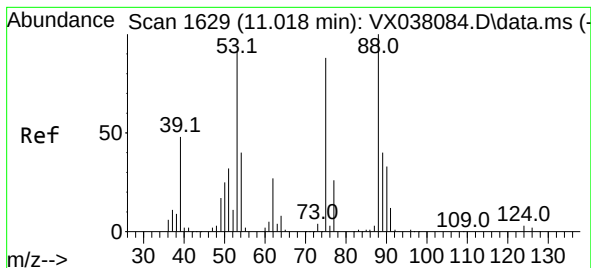
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.757 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

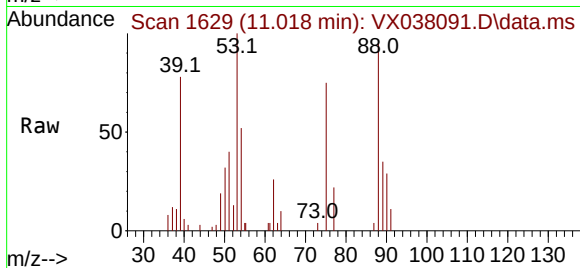
Tgt Ion:105 Resp: 33081
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 7.005 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

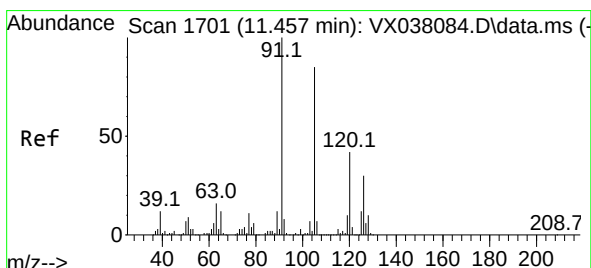
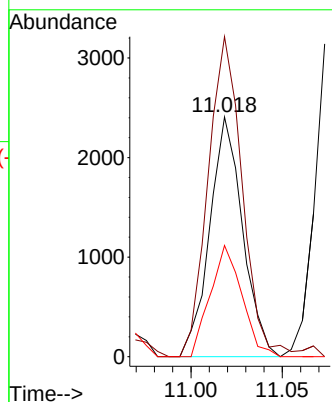
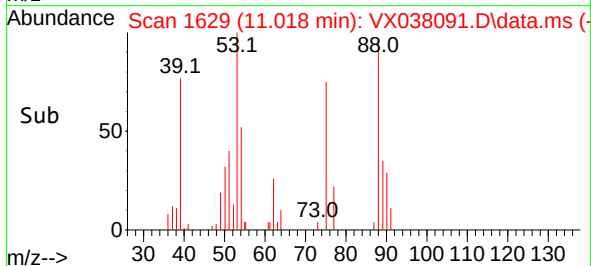
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 3024
Ion Ratio Lower Upper
75 100
53 139.9 90.5 135.7
89 44.7 36.9 55.3

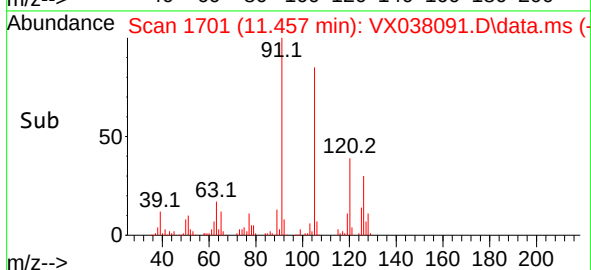
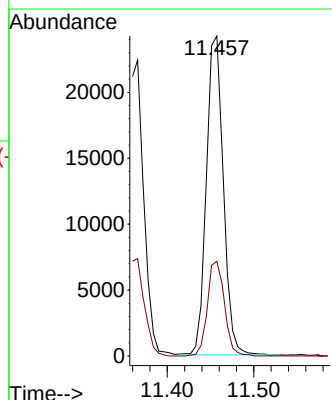
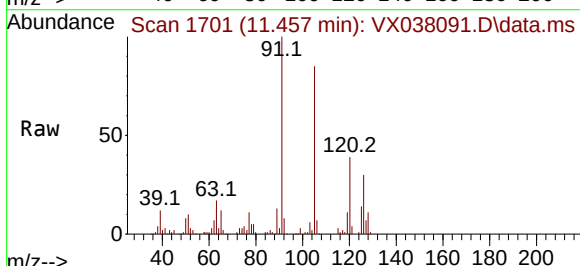
Manual Integrations
APPROVED

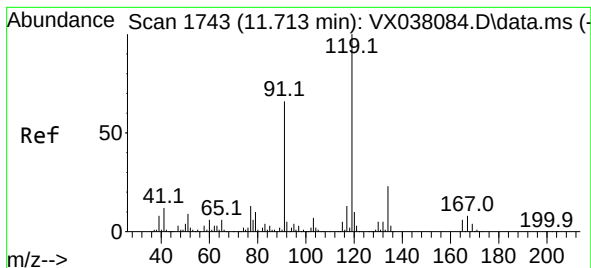
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 4.757 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 91 Resp: 32899
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.790 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

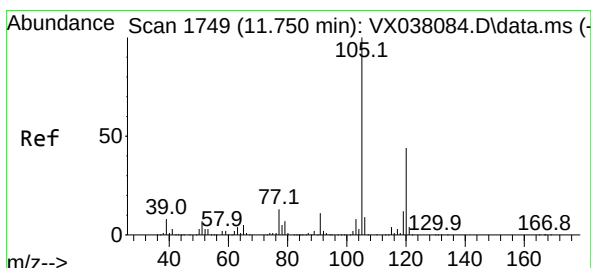
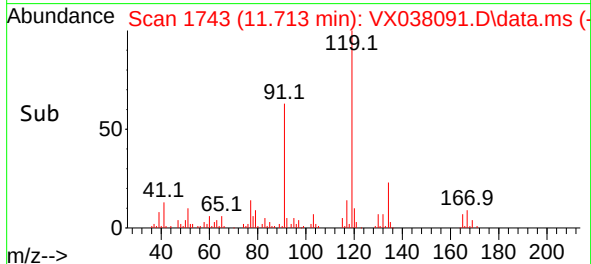
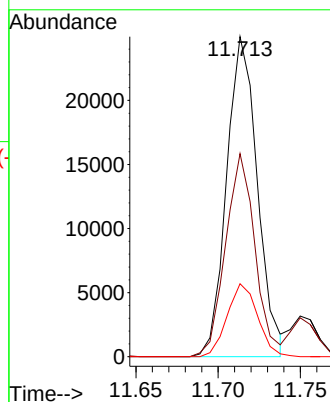
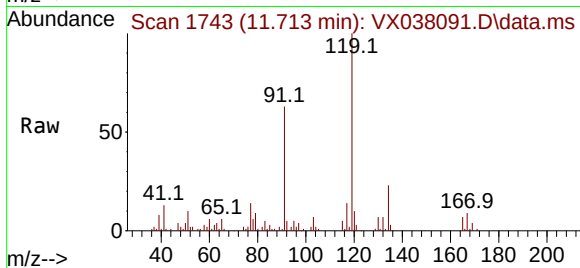
Tgt Ion:	119	Resp:	3254
Ion Ratio	Lower	Upper	
119	100		
91	60.7	31.2	93.6
134	22.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.941 ug/l

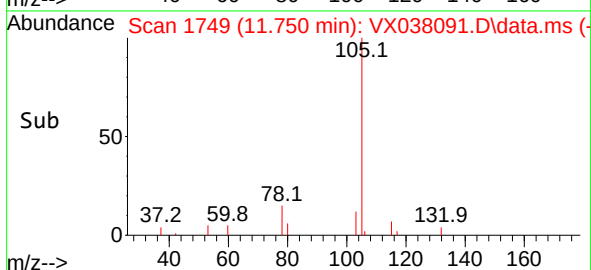
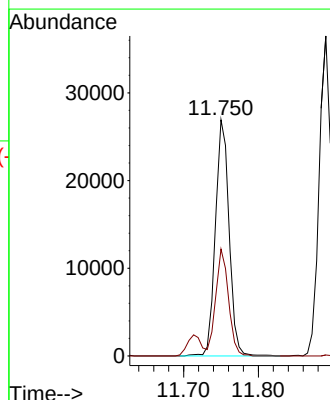
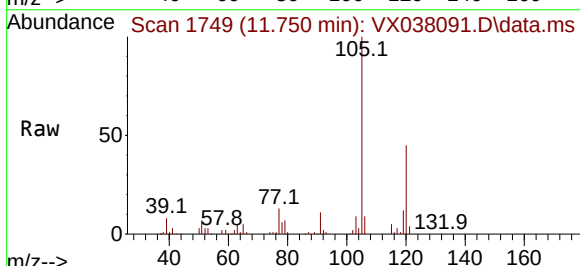
RT: 11.750 min Scan# 1749

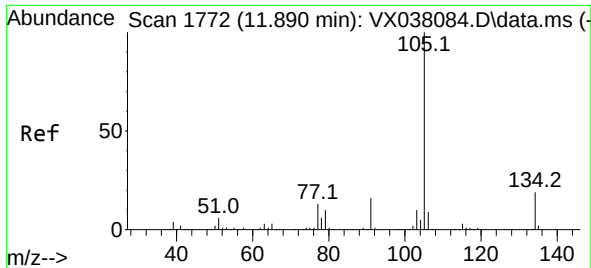
Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

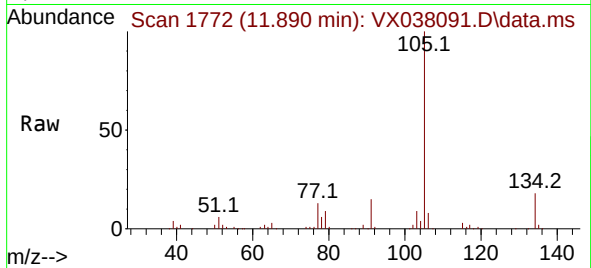
Tgt Ion:	105	Resp:	34260
Ion Ratio	Lower	Upper	
105	100		
120	42.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 4.882 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038091.D
 Acq: 05 Oct 2023 10:21

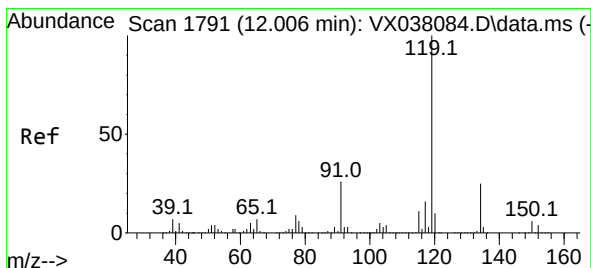
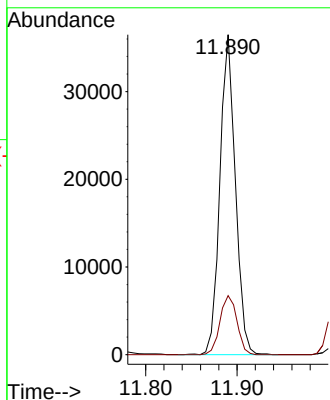
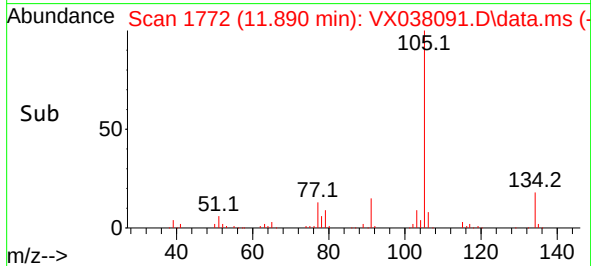
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



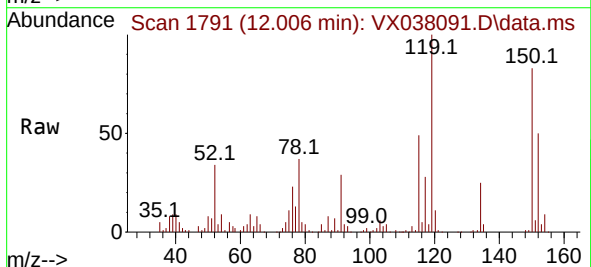
Tgt Ion:105 Resp: 4296
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

Manual Integrations
 APPROVED

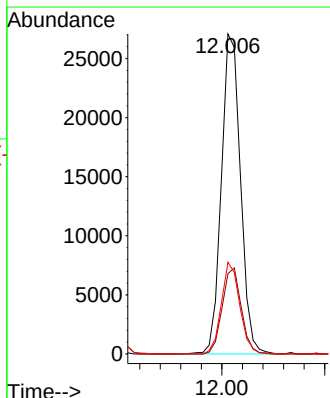
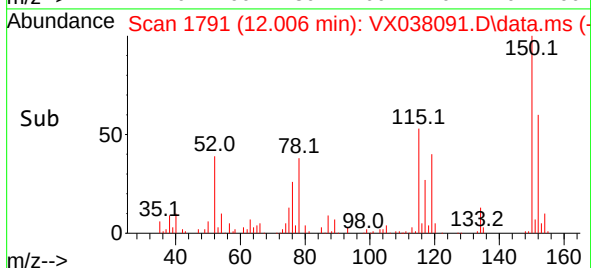
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023

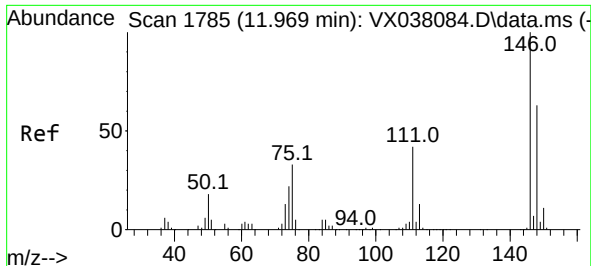


#86
 p-Isopropyltoluene
 Concen: 4.797 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038091.D
 Acq: 05 Oct 2023 10:21



Tgt Ion:119 Resp: 34839
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.850 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 1917

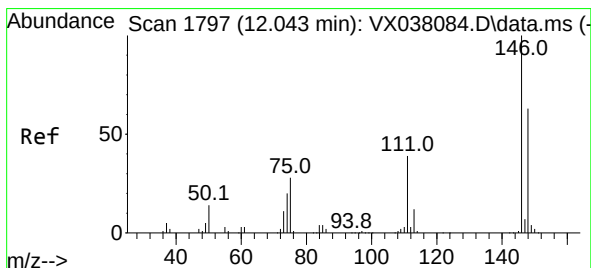
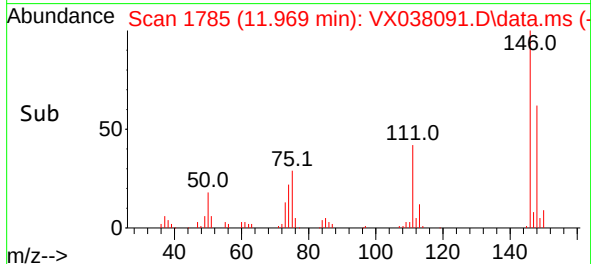
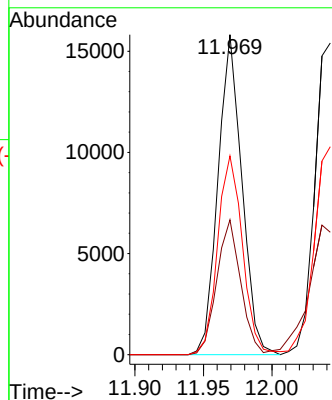
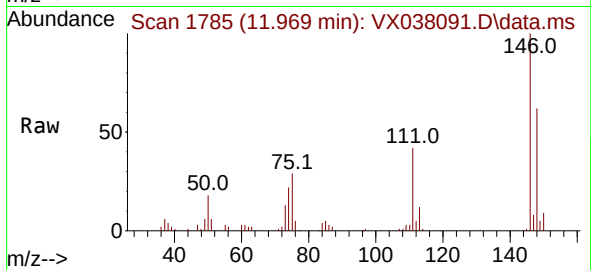
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.1	66.1
148	64.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 5.010 ug/l

RT: 12.043 min Scan# 1797

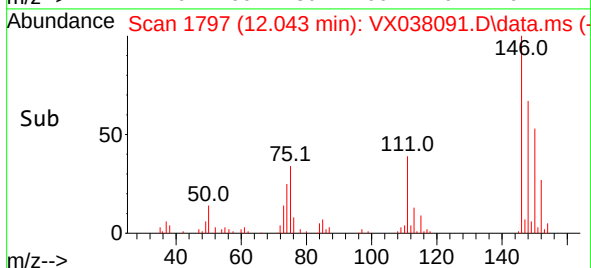
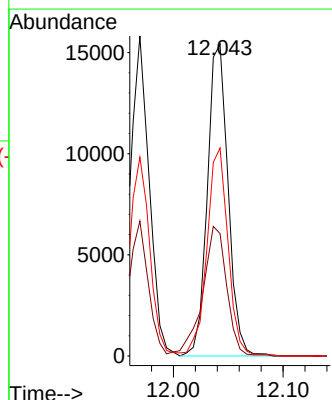
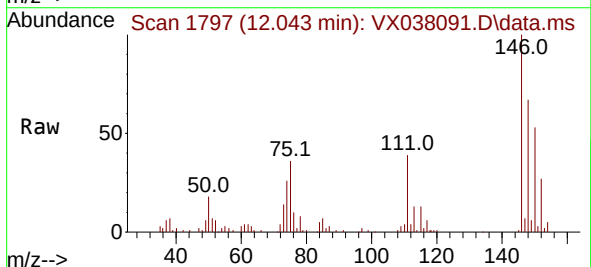
Delta R.T. -0.000 min

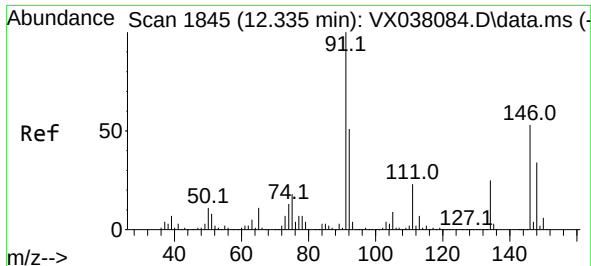
Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion:146 Resp: 20215

Ion	Ratio	Lower	Upper
146	100		
111	48.8	21.3	63.7
148	68.3	31.8	95.4





#89

n-Butylbenzene

Concen: 4.788 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 34630

Ion Ratio Lower Upper

91 100

92 50.0 27.4 82.0

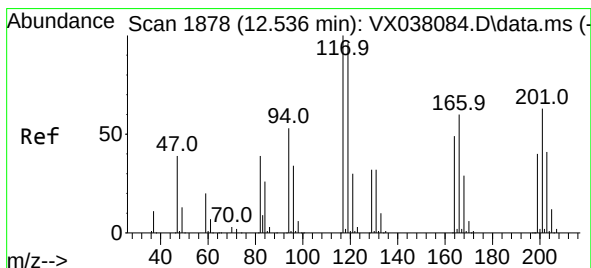
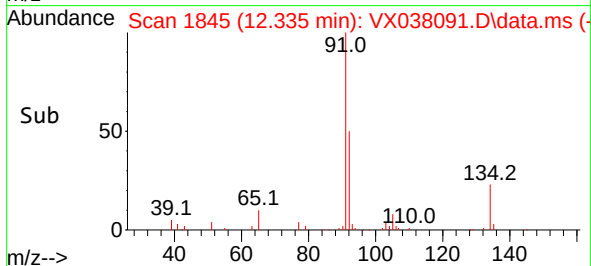
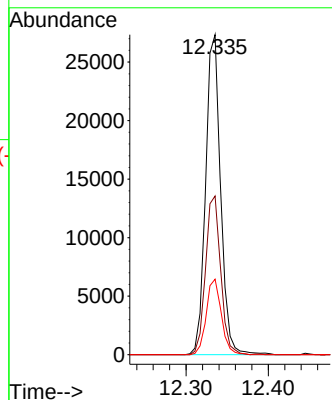
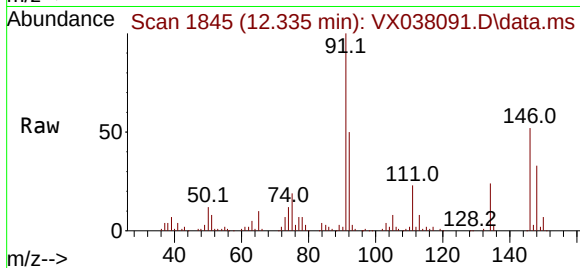
134 23.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#90

Hexachloroethane

Concen: 4.237 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038091.D

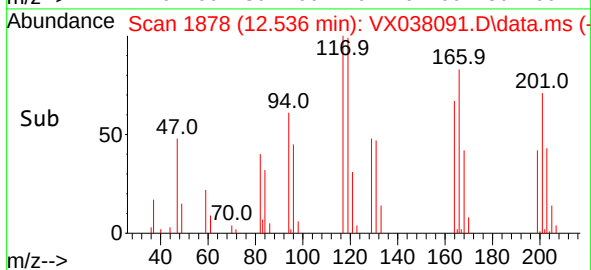
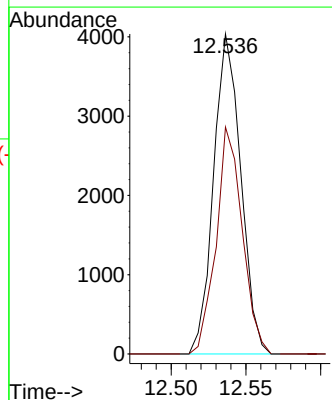
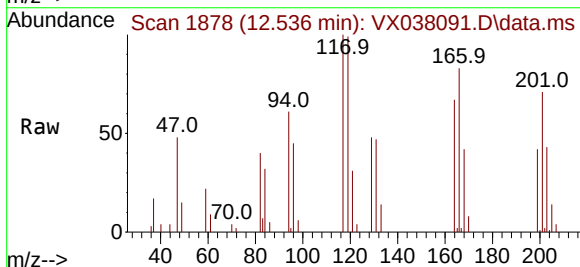
Acq: 05 Oct 2023 10:21

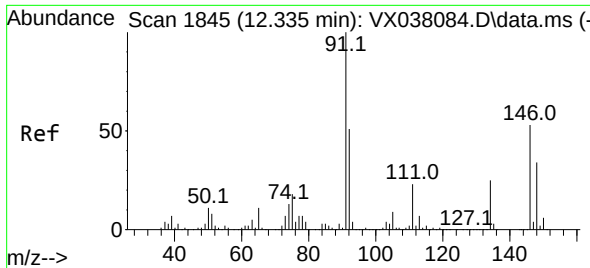
Tgt Ion:117 Resp: 5102

Ion Ratio Lower Upper

117 100

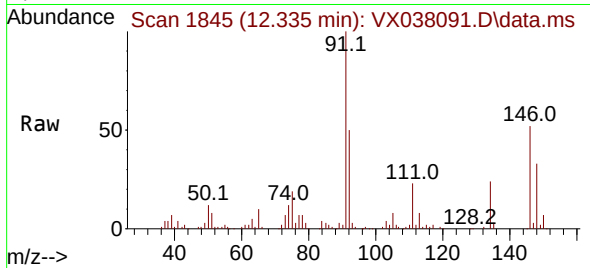
201 68.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.962 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

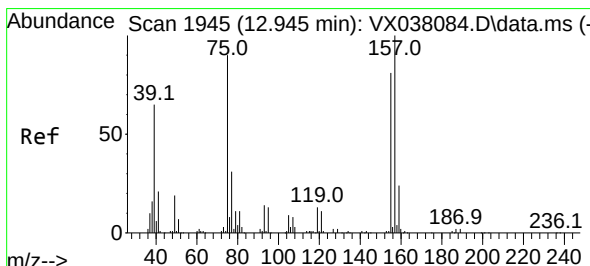
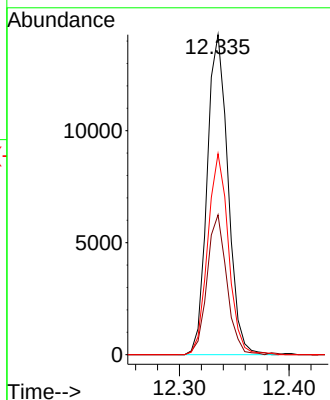
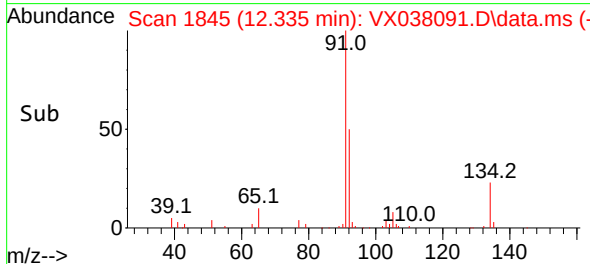
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 18850
Ion Ratio Lower Upper
146 100
111 41.6 22.4 67.0
148 62.6 31.6 95.0

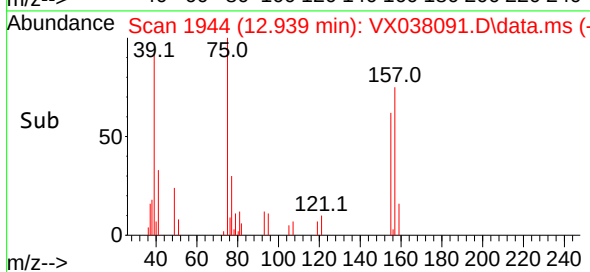
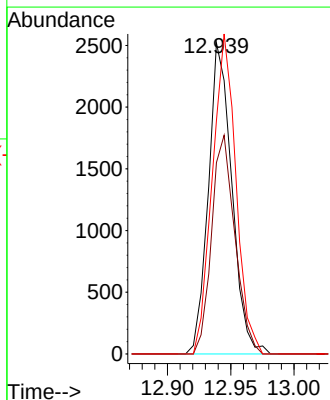
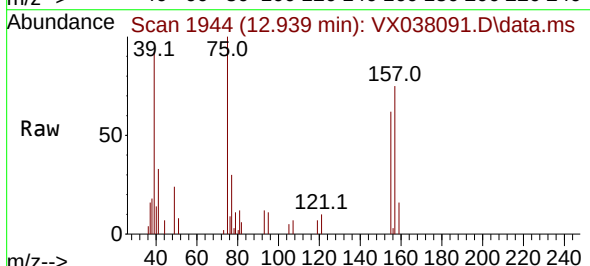
Manual Integrations
APPROVED

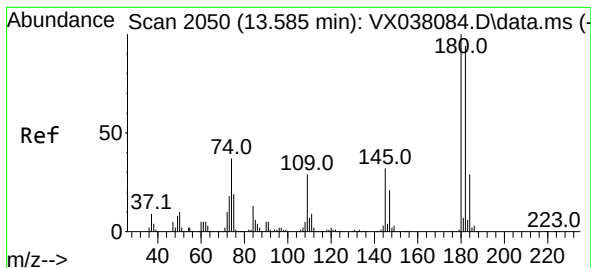
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.534 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038091.D
Acq: 05 Oct 2023 10:21

Tgt Ion: 75 Resp: 3242
Ion Ratio Lower Upper
75 100
155 70.1 36.1 108.5
157 103.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 5.005 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

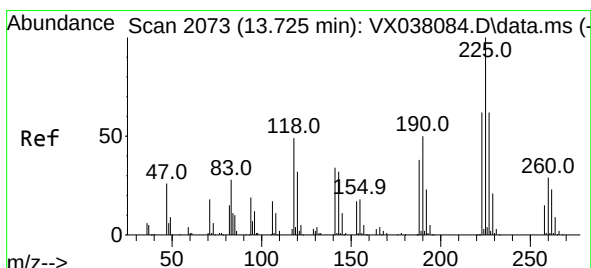
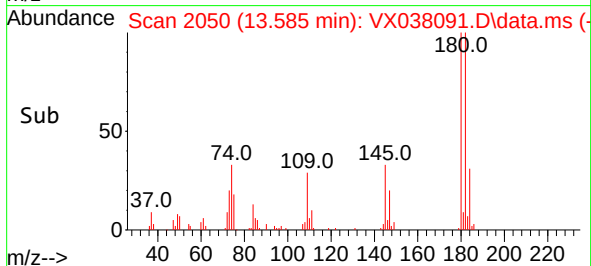
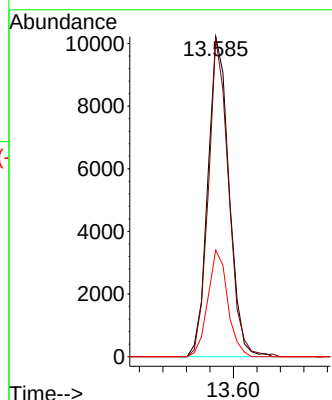
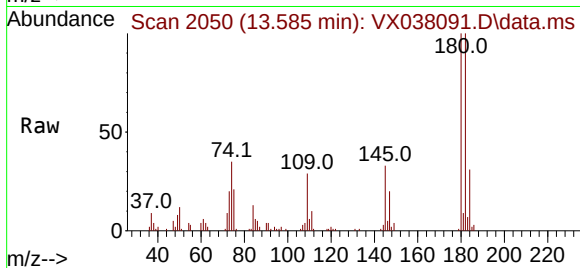
Tgt Ion:180	Resp:	1275
Ion Ratio	Lower	Upper
180	100	
182	95.3	48.3 144.8
145	31.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 4.752 ug/l

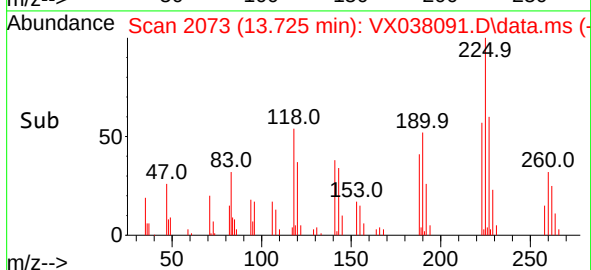
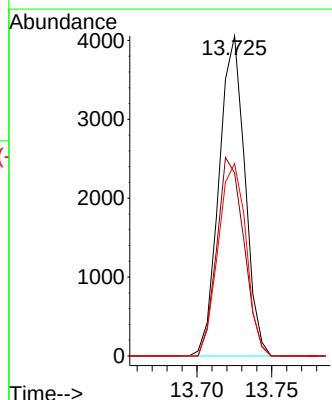
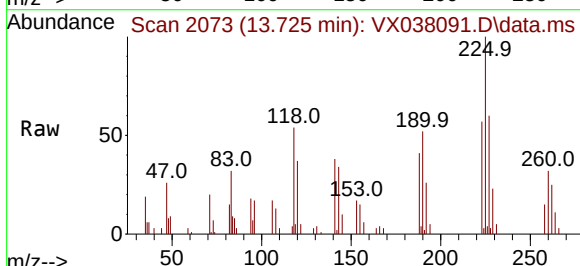
RT: 13.725 min Scan# 2073

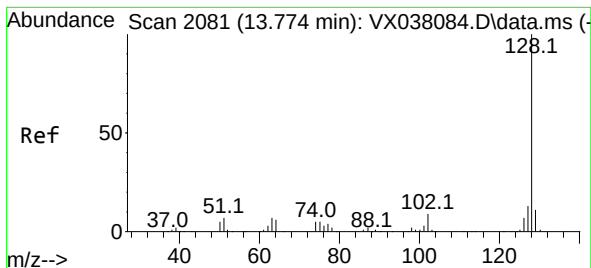
Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion:225	Resp:	4874
Ion Ratio	Lower	Upper
225	100	
223	65.1	31.1 93.2
227	64.9	32.5 97.5





#95

Naphthalene

Concen: 4.694 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

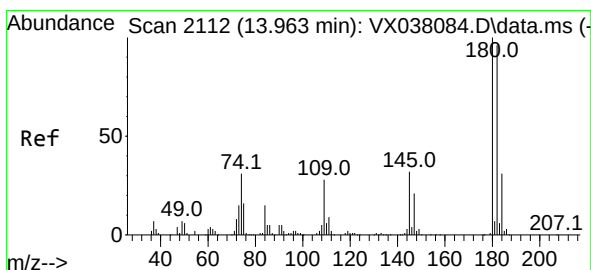
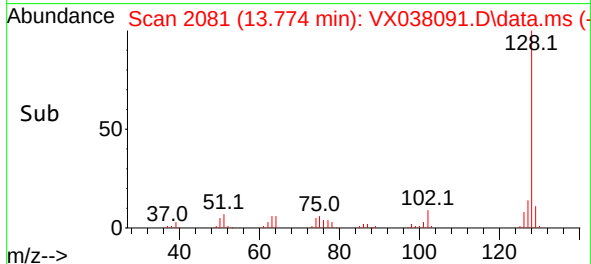
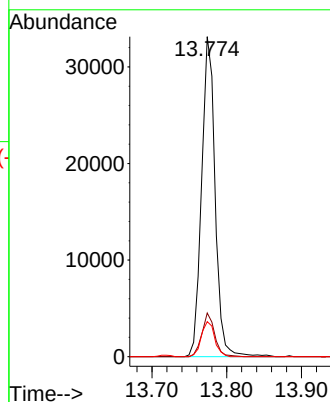
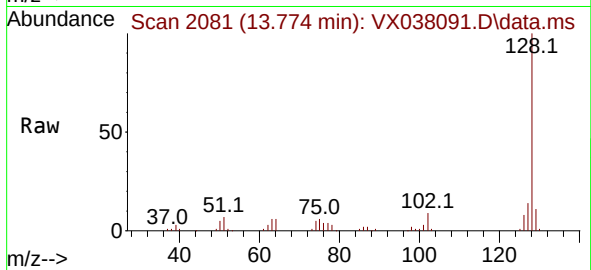
Tgt Ion:128 Resp: 4165
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.688 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX038091.D

Acq: 05 Oct 2023 10:21

Tgt Ion:180 Resp: 11568
 Ion Ratio Lower Upper
 180 100
 182 99.2 46.9 140.6
 145 32.6 17.8 53.5

