

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037792.D
 Acq On : 19 Sep 2023 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 00:56:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	280806	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	450661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175309	47.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	150887	50.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.080%		
50) Toluene-d8	8.647	98	566730	50.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.160%		
62) 4-Bromofluorobenzene	11.079	95	219470	53.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	129287	43.681	ug/l	98
3) Chloromethane	1.301	50	135715	42.143	ug/l	98
4) Vinyl Chloride	1.374	62	151433	43.587	ug/l	99
5) Bromomethane	1.599	94	136822	55.010	ug/l	97
6) Chloroethane	1.685	64	102142	42.676	ug/l	100
7) Trichlorofluoromethane	1.886	101	250348	44.821	ug/l	99
8) Diethyl Ether	2.130	74	92362	42.682	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	129668	45.745	ug/l	96
10) Methyl Iodide	2.453	142	154144	41.092	ug/l	93
11) Tert butyl alcohol	2.959	59	155654	196.554	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	121490	44.348	ug/l	87
13) Acrolein	2.233	56	167420	214.000	ug/l	98
14) Allyl chloride	2.660	41	200065	43.848	ug/l	# 96
15) Acrylonitrile	3.062	53	367055	208.470	ug/l	100
16) Acetone	2.374	43	443883	250.102	ug/l	90
17) Carbon Disulfide	2.514	76	303851	44.238	ug/l	99
18) Methyl Acetate	2.703	43	265974	41.542	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	445469	44.204	ug/l	98
20) Methylene Chloride	2.788	84	146889	44.763	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	136819	44.977	ug/l	88
22) Diisopropyl ether	3.757	45	427341	44.964	ug/l	# 88
23) Vinyl Acetate	3.721	43	1585906	226.859	ug/l	95
24) 1,1-Dichloroethane	3.605	63	250708	44.021	ug/l	99
25) 2-Butanone	4.550	43	561291	224.109	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	216994	47.154	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	168041	45.059	ug/l	90
28) Bromochloromethane	4.897	49	112855	42.476	ug/l	# 82
29) Tetrahydrofuran	5.001	42	316694	203.286	ug/l	90
30) Chloroform	5.093	83	274805	44.792	ug/l	97
31) Cyclohexane	5.471	56	215106	45.426	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	243702	46.913	ug/l	97
36) 1,1-Dichloropropene	5.690	75	196045	47.196	ug/l	96
37) Ethyl Acetate	4.708	43	193307	42.331	ug/l	97
38) Carbon Tetrachloride	5.678	117	208807	48.043	ug/l	99
39) Methylcyclohexane	7.379	83	253767	48.135	ug/l	93
40) Benzene	6.037	78	587091	45.961	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	103317	44.372	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	210632	45.623	ug/l	97
43) Isopropyl Acetate	6.336	43	326481	44.711	ug/l #	95
44) Trichloroethene	7.123	130	159034	44.707	ug/l	98
45) 1,2-Dichloropropane	7.428	63	152957	46.109	ug/l	98
46) Dibromomethane	7.580	93	112251	47.041	ug/l	93
47) Bromodichloromethane	7.818	83	212713	48.401	ug/l	98
48) Methyl methacrylate	7.690	41	159353	45.651	ug/l #	89
49) 1,4-Dioxane	7.653	88	75251	822.303	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	1020378	220.250	ug/l	95
52) Toluene	8.714	92	383881	46.631	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	235465	51.241	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	248400	48.843	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	161956	46.661	ug/l	93
56) Ethyl methacrylate	9.116	69	245890	47.455	ug/l	91
57) 1,3-Dichloropropane	9.305	76	258117	45.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	546611	225.915	ug/l	98
59) 2-Hexanone	9.427	43	841750	233.358	ug/l	93
60) Dibromochloromethane	9.519	129	174812	50.558	ug/l	99
61) 1,2-Dibromoethane	9.610	107	175798	47.838	ug/l	99
64) Tetrachloroethene	9.275	164	136439	46.106	ug/l	97
65) Chlorobenzene	10.079	112	426952	45.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	159137	47.978	ug/l	99
67) Ethyl Benzene	10.195	91	768248	47.343	ug/l	98
68) m/p-Xylenes	10.299	106	600526	95.771	ug/l	97
69) o-Xylene	10.640	106	295510	46.997	ug/l	97
70) Styrene	10.653	104	493711	48.909	ug/l	96
71) Bromoform	10.799	173	134761	51.431	ug/l #	100
73) Isopropylbenzene	10.963	105	783841	43.822	ug/l	98
74) N-amyl acetate	10.842	43	314187	43.372	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	266379	42.345	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	237524m	42.121	ug/l	
77) Bromobenzene	11.195	156	193706	43.753	ug/l	87
78) n-propylbenzene	11.305	91	935261	46.298	ug/l	99
79) 2-Chlorotoluene	11.366	91	540177	43.369	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	683048	45.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82091	46.633	ug/l	86
82) 4-Chlorotoluene	11.451	91	635473	45.318	ug/l	95
83) tert-Butylbenzene	11.713	119	673417	44.110	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	680271	45.263	ug/l	97
85) sec-Butylbenzene	11.890	105	866224	46.768	ug/l	99
86) p-Isopropyltoluene	12.006	119	732089	47.442	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	379013	45.926	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	384928	45.581	ug/l	98
89) n-Butylbenzene	12.329	91	689163	50.980	ug/l	98
90) Hexachloroethane	12.536	117	128544	49.164	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	376090	44.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53257	42.471	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	249401	50.249	ug/l	97
94) Hexachlorobutadiene	13.725	225	115517	49.839	ug/l	99
95) Naphthalene	13.774	128	769546	45.845	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	244536	47.876	ug/l	97

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MSVOA_X
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VSTDCCC050

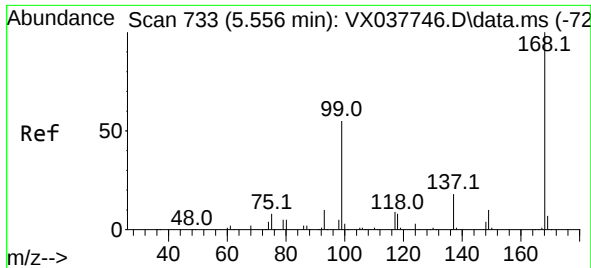
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

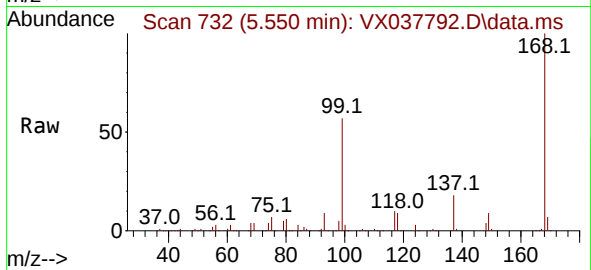
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

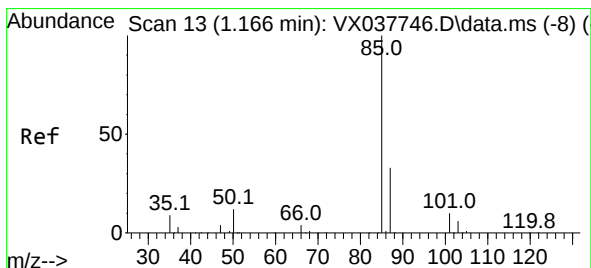
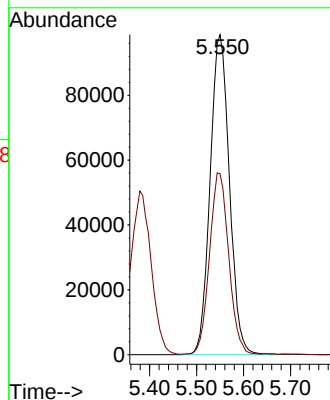
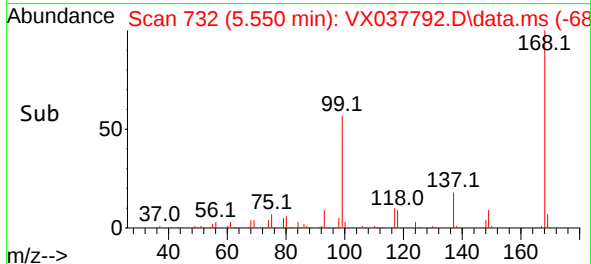
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 280800
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0

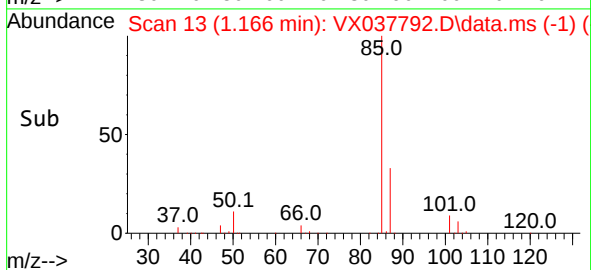
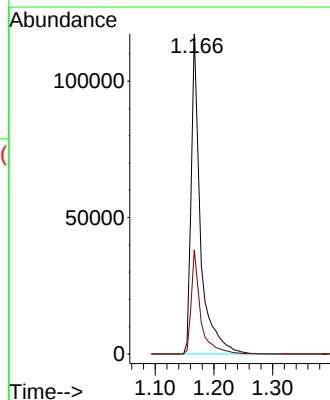
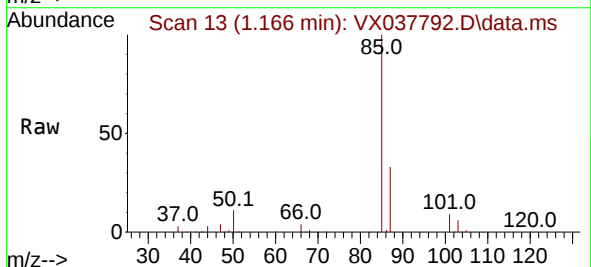
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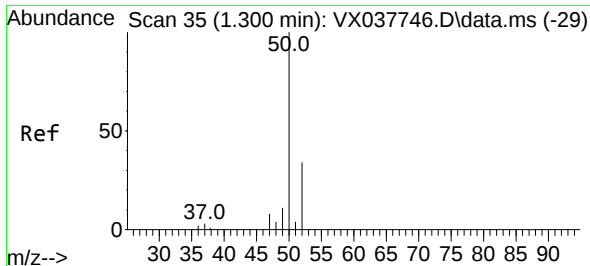
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#2
Dichlorodifluoromethane
Concen: 43.681 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

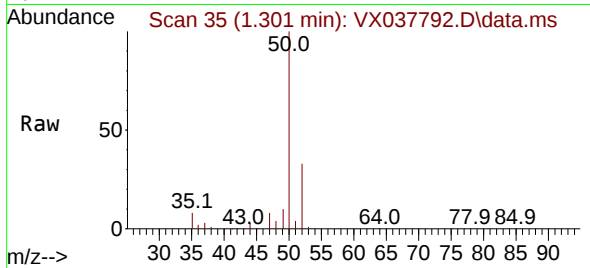
Tgt Ion: 85 Resp: 129287
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 42.143 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

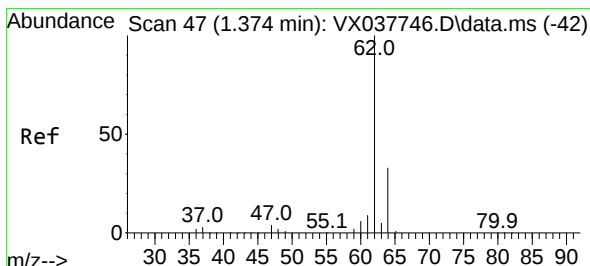
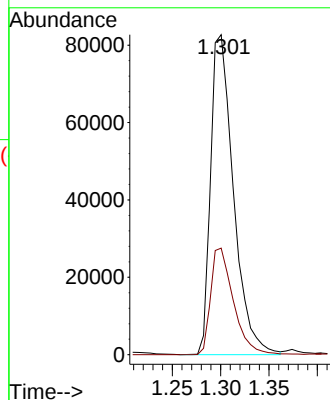
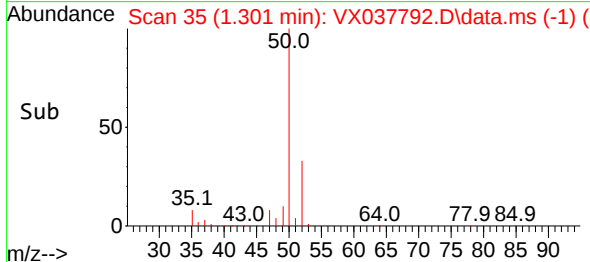
Instrument :
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Tgt Ion: 50 Resp: 135715
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

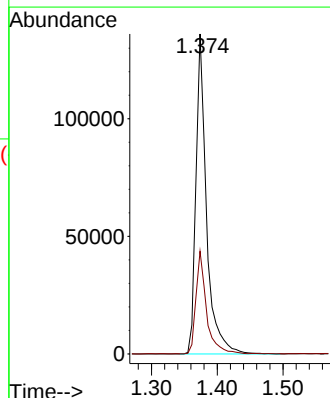
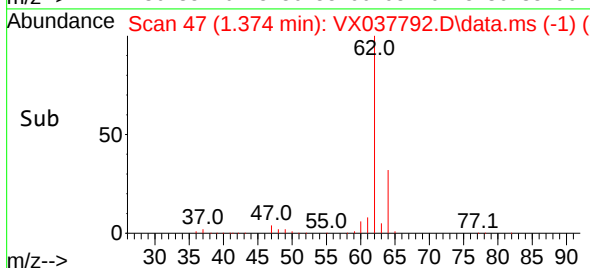
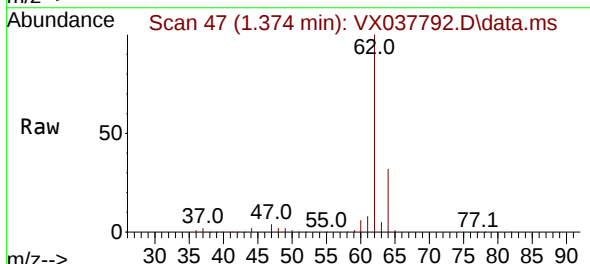
Manual Integrations
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#4
Vinyl Chloride
Concen: 43.587 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

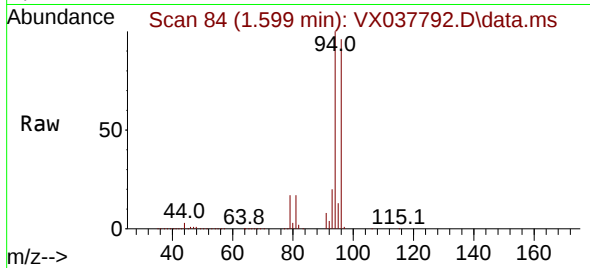
Tgt Ion: 62 Resp: 151433
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 55.010 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

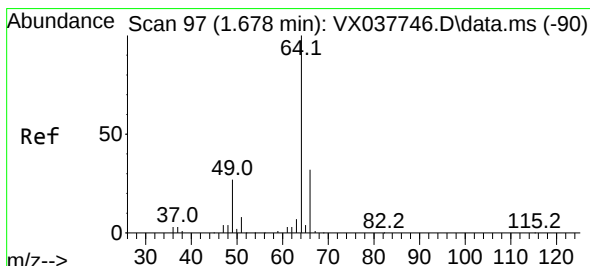
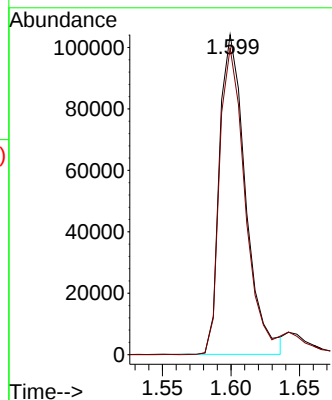
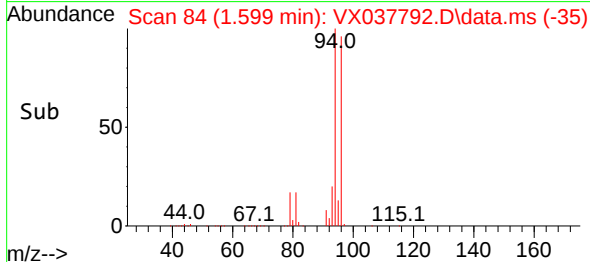
Instrument :
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Tgt Ion: 94 Resp: 13682
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

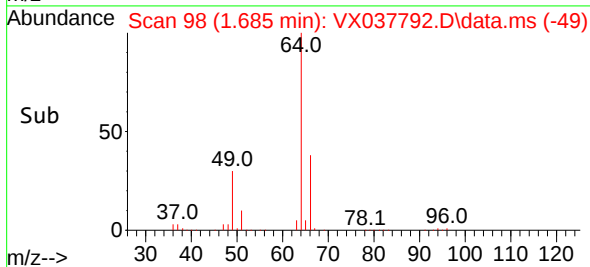
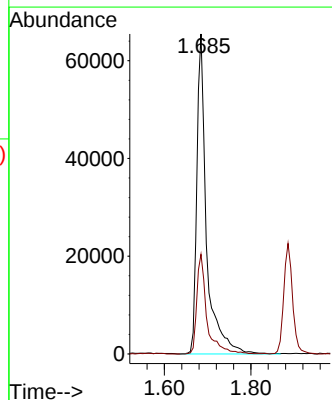
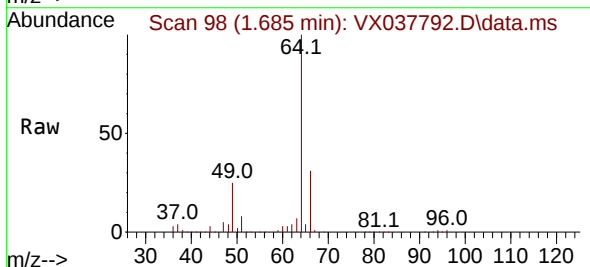
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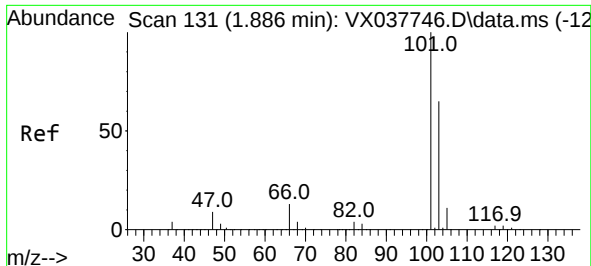
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#6
Chloroethane
Concen: 42.676 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

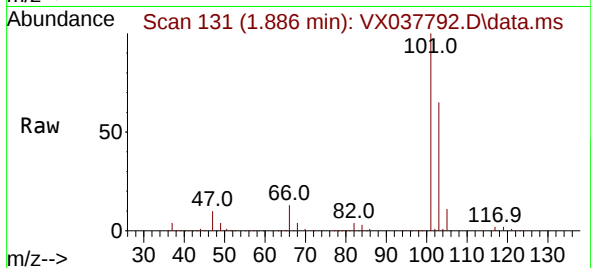
Tgt Ion: 64 Resp: 102142
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 44.821 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037792.D
 Acq: 19 Sep 2023 09:42

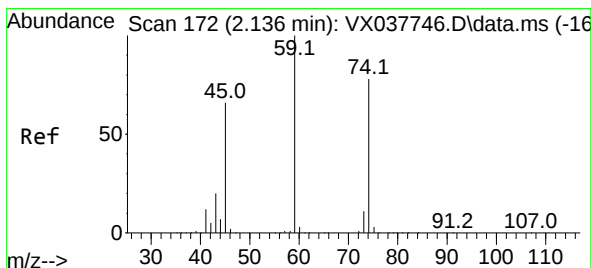
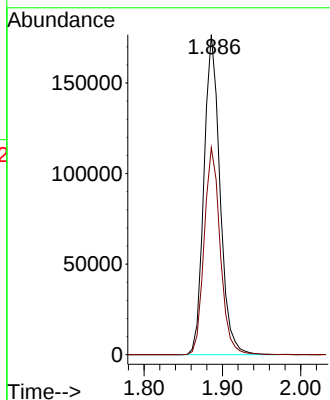
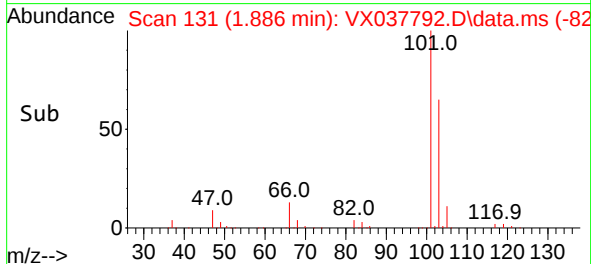
Instrument :
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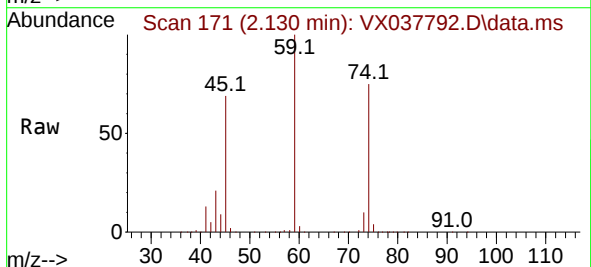
Tgt Ion:101 Resp: 25034
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2

Manual Integrations
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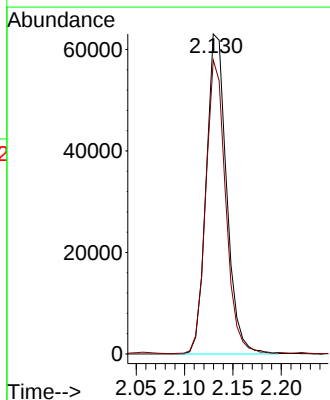
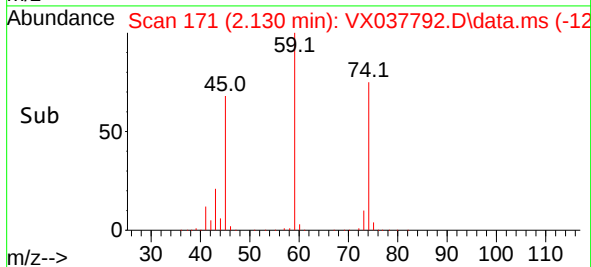
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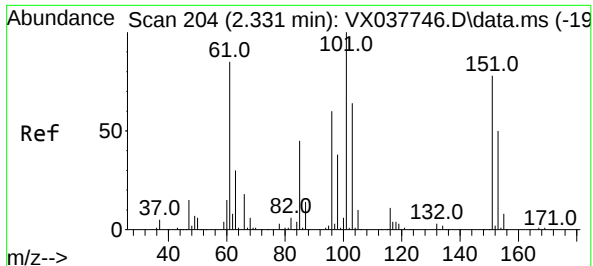


#8
 Diethyl Ether
 Concen: 42.682 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX037792.D
 Acq: 19 Sep 2023 09:42



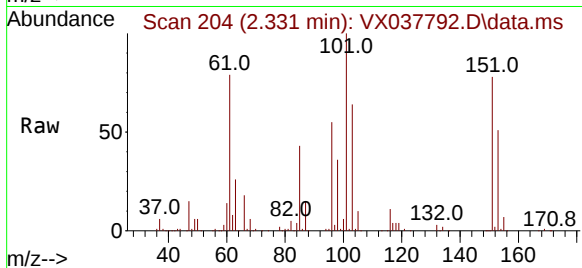
Tgt Ion: 74 Resp: 92362
 Ion Ratio Lower Upper
 74 100
 45 89.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.745 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037792.D
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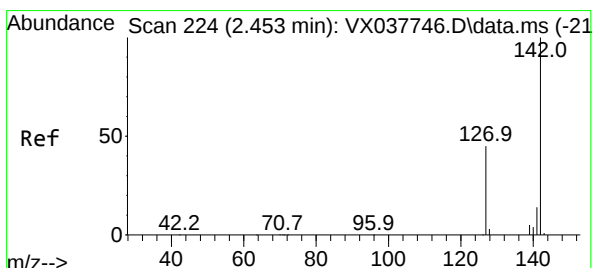
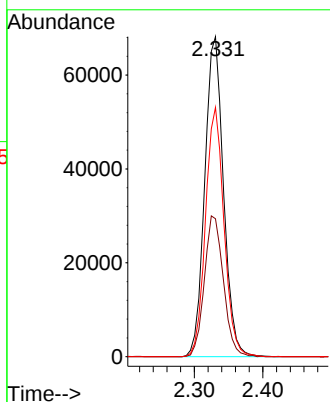
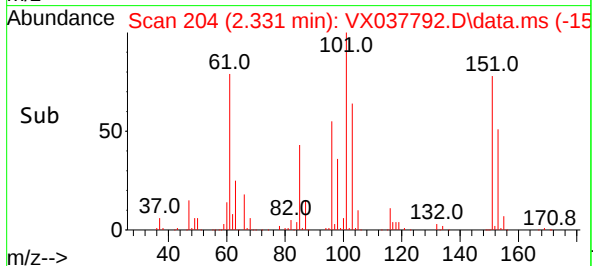
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 129668
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 76.8 58.6 87.8

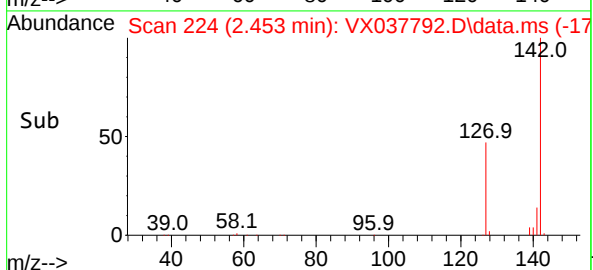
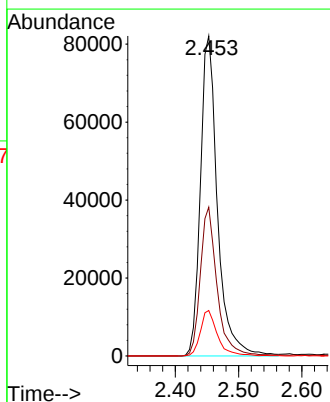
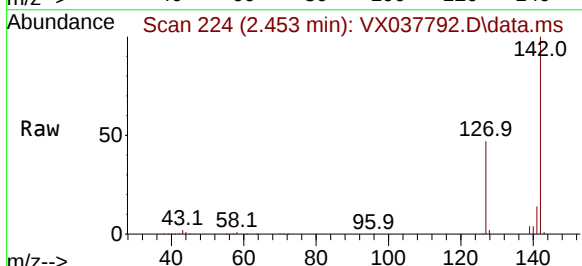
Manual Integrations
APPROVED

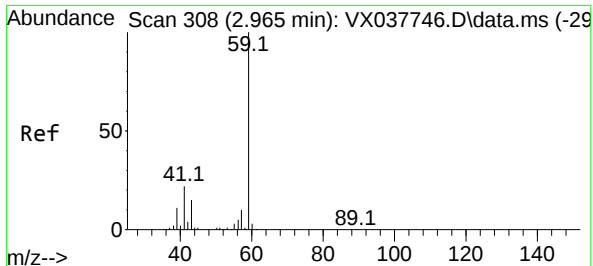
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#10
Methyl Iodide
Concen: 41.092 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

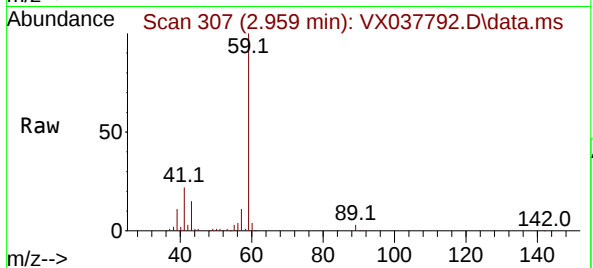
Tgt Ion:142 Resp: 154144
Ion Ratio Lower Upper
142 100
127 45.9 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 196.554 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

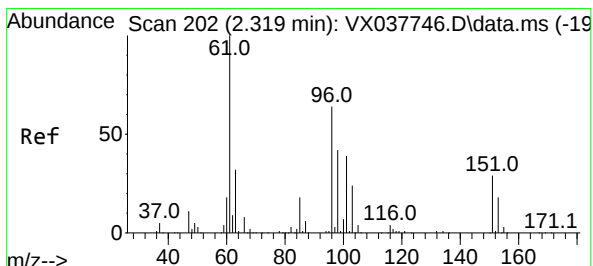
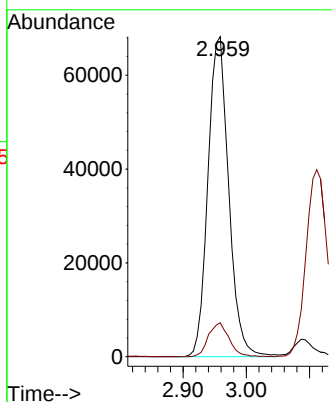
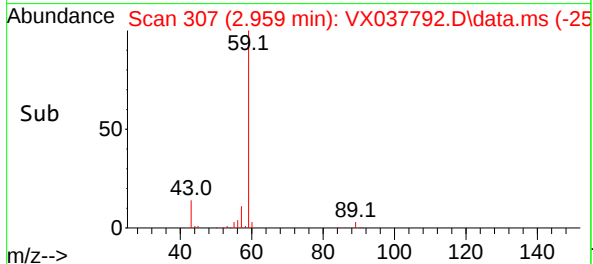
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



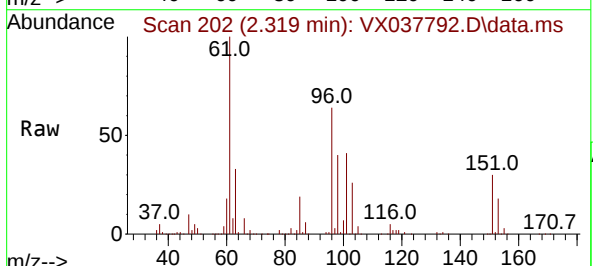
Tgt Ion: 59 Resp: 155654
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

Manual Integrations
APPROVED

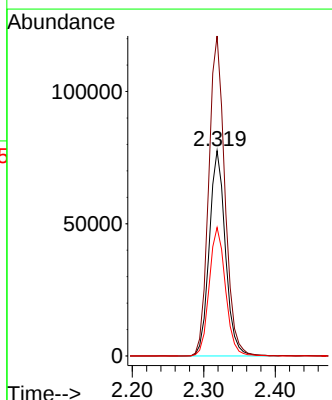
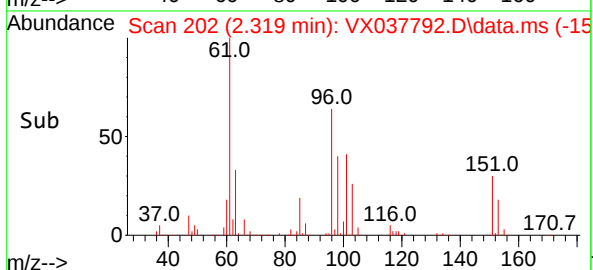
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

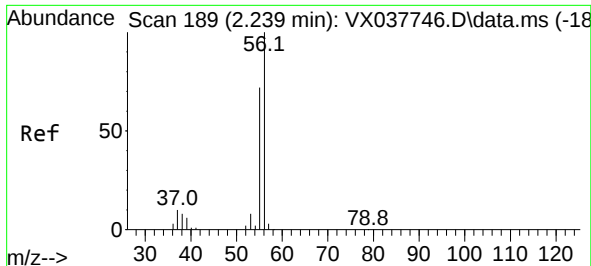


#12
1,1-Dichloroethene
Concen: 44.348 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



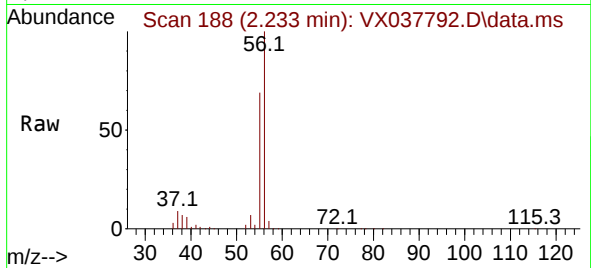
Tgt Ion: 96 Resp: 121490
Ion Ratio Lower Upper
96 100
61 155.9 144.6 216.8
98 62.6 50.4 75.6





#13
Acrolein
Concen: 214.000 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

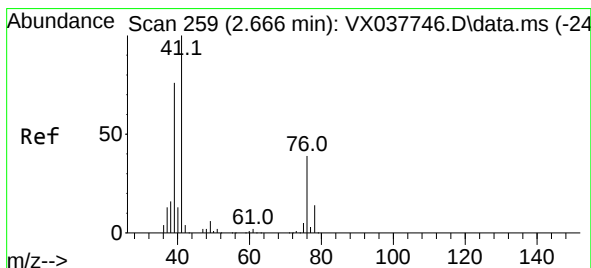
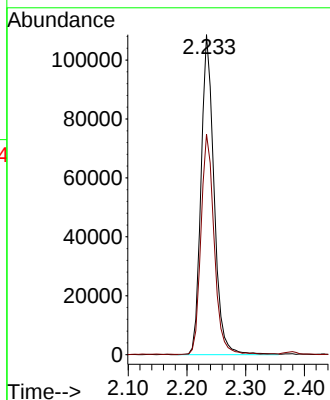
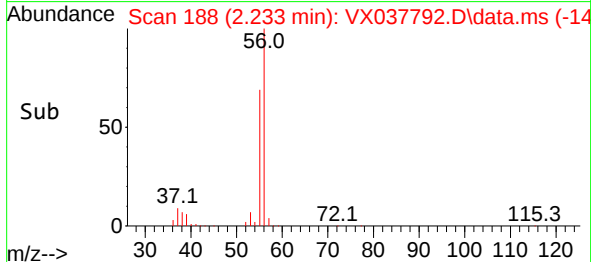
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 167420
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

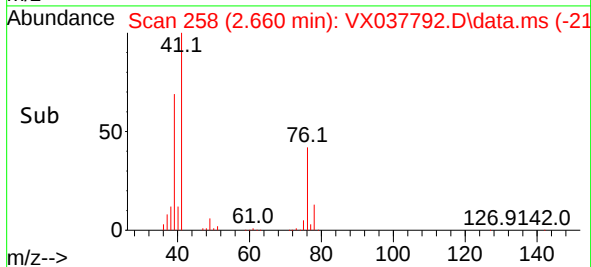
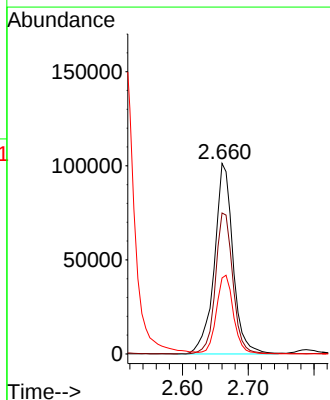
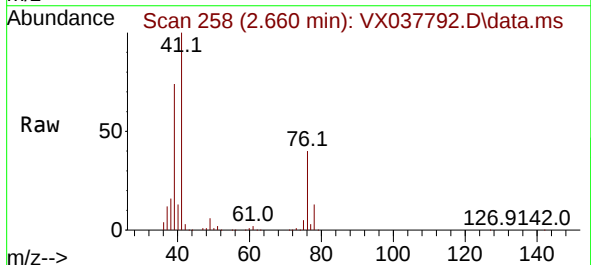
Manual Integrations
APPROVED

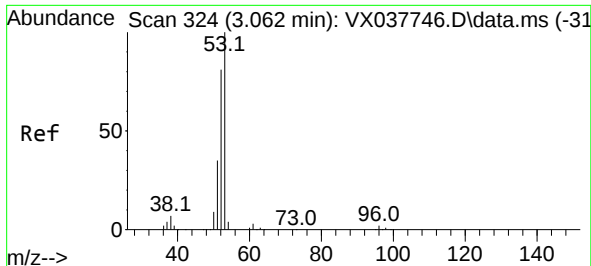
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#14
Allyl chloride
Concen: 43.848 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

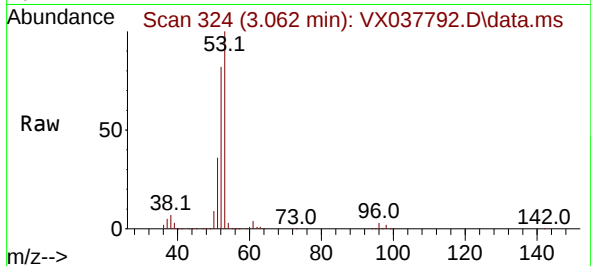
Tgt Ion: 41 Resp: 200065
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 37.6 24.3 36.5





#15
Acrylonitrile
Concen: 208.470 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

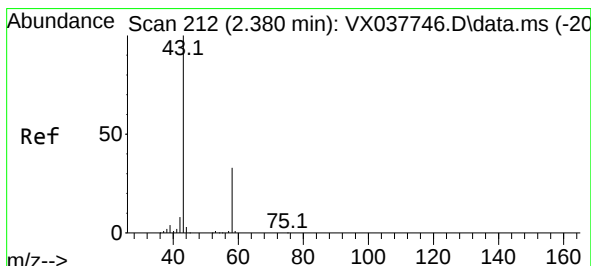
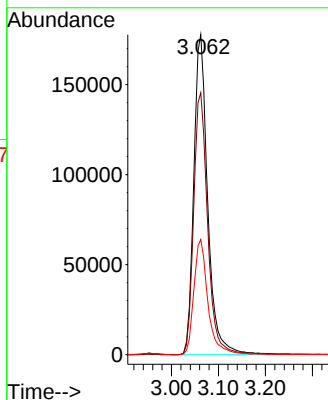
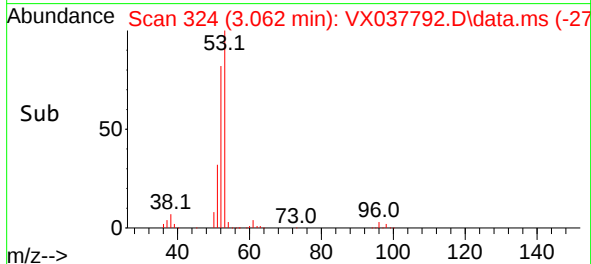
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 36705
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 36.7 29.8 44.6

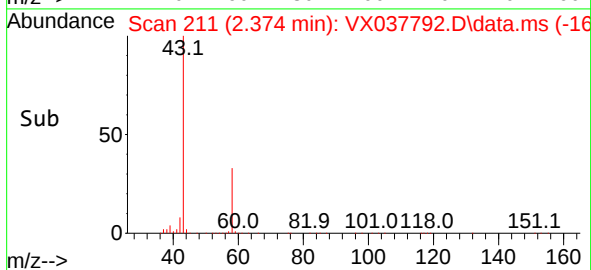
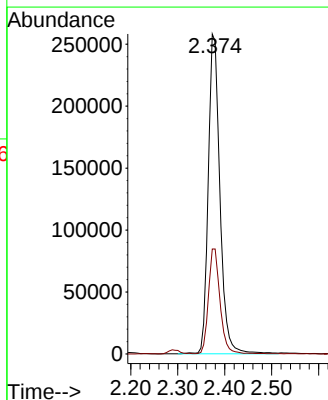
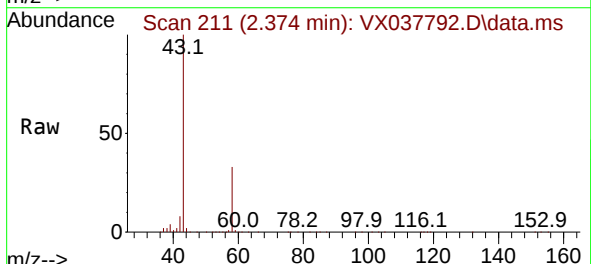
Manual Integrations
APPROVED

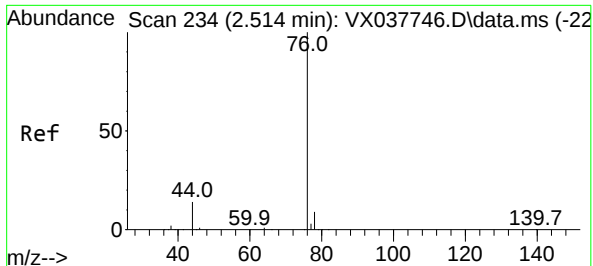
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#16
Acetone
Concen: 250.102 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

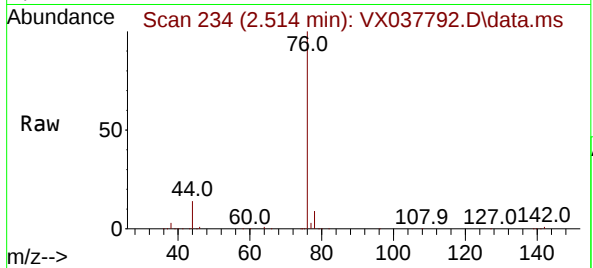
Tgt Ion: 43 Resp: 443883
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#17
Carbon Disulfide
Concen: 44.238 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

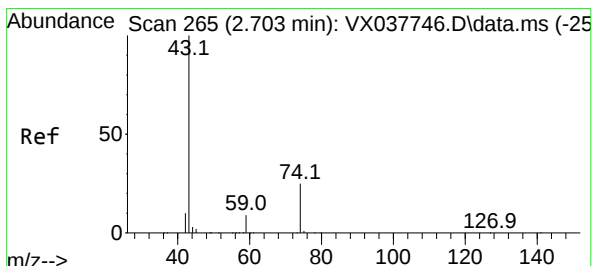
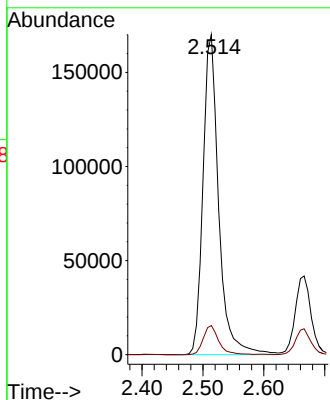
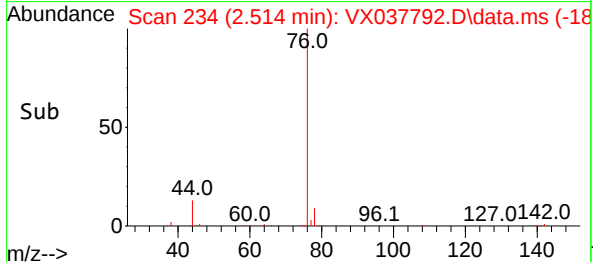
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 30385
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

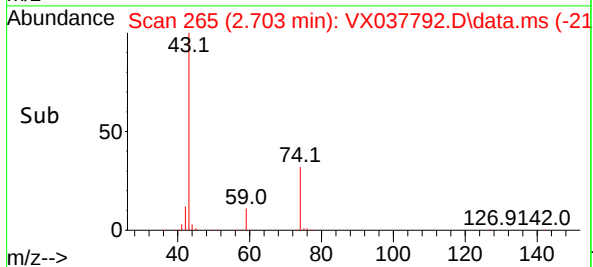
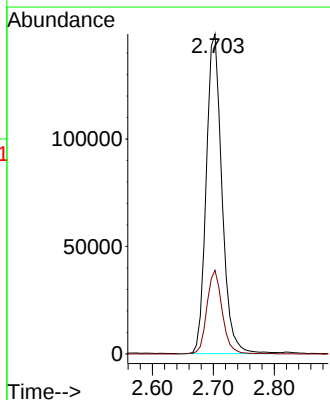
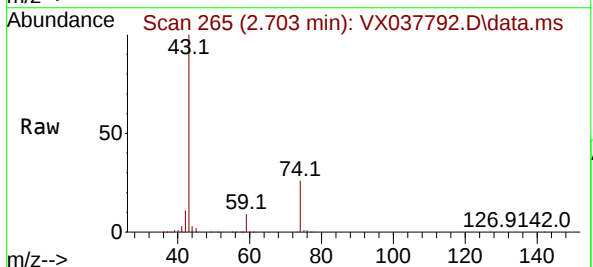
Manual Integrations
APPROVED

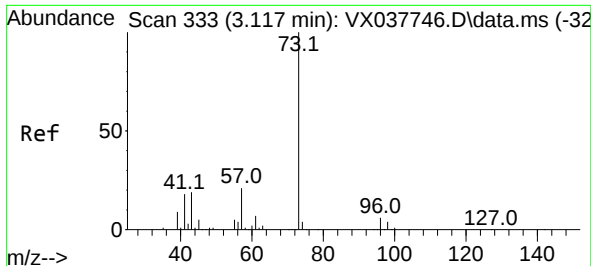
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#18
Methyl Acetate
Concen: 41.542 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion: 43 Resp: 265974
Ion Ratio Lower Upper
43 100
74 25.5 17.8 26.8





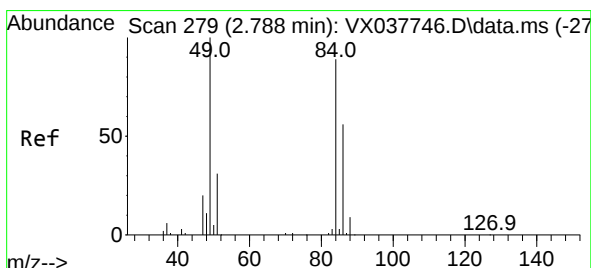
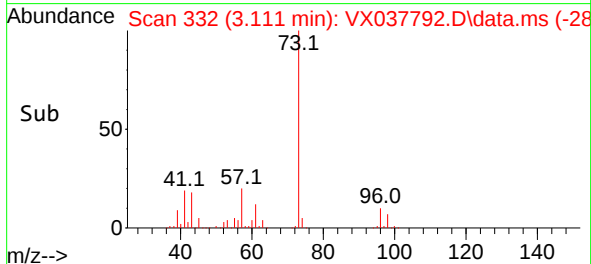
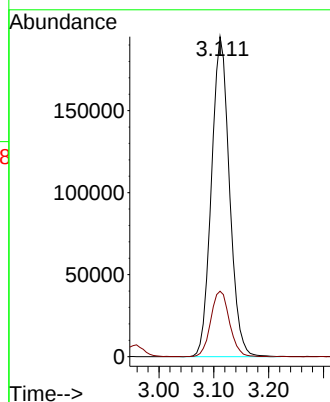
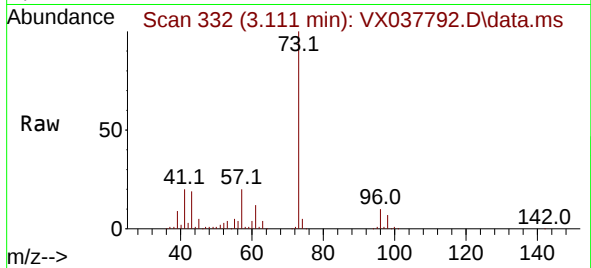
#19
Methyl tert-butyl Ether
Concen: 44.204 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 445469
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

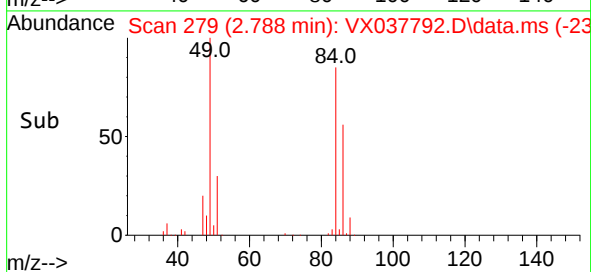
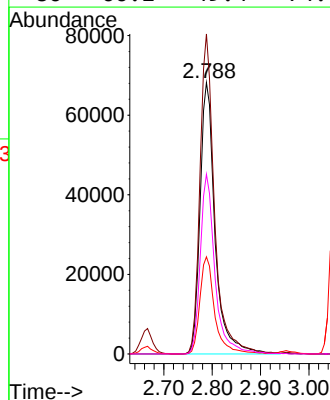
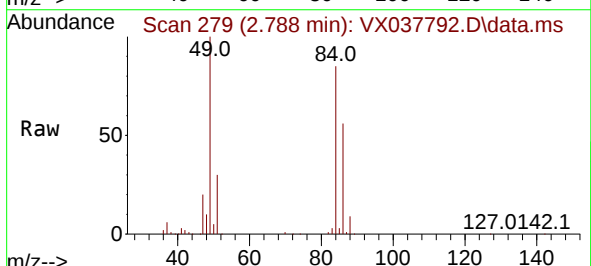
Manual Integrations
APPROVED

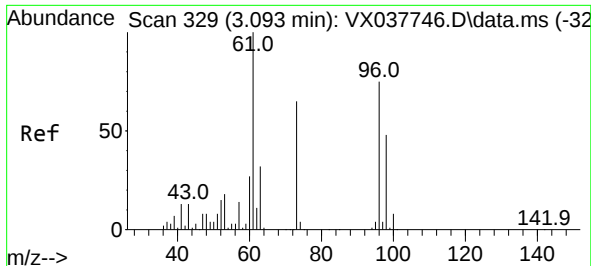
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#20
Methylene Chloride
Concen: 44.763 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

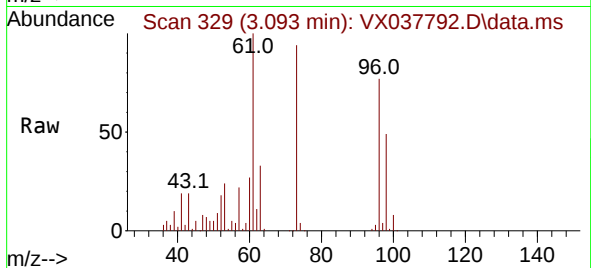
Tgt Ion: 84 Resp: 146889
Ion Ratio Lower Upper
84 100
49 117.9 103.6 155.4
51 35.8 33.8 50.6
86 66.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.977 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

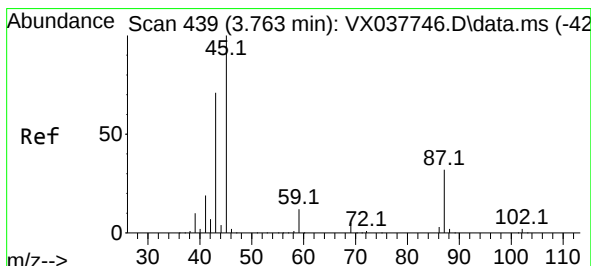
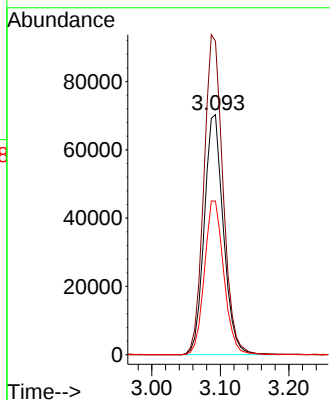
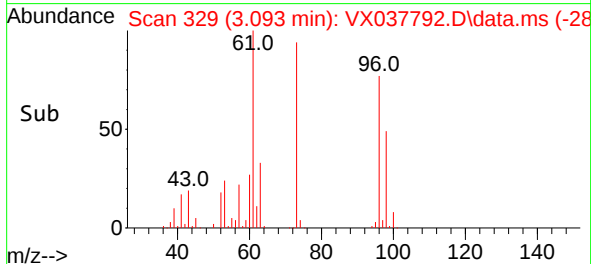
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



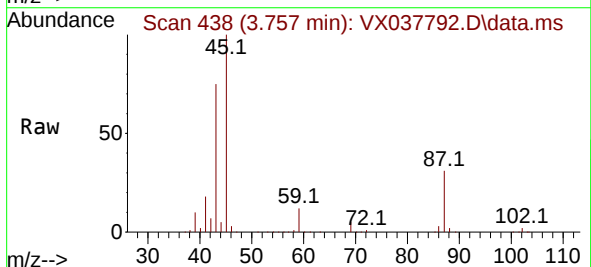
Tgt Ion: 96 Resp: 136819
Ion Ratio Lower Upper
96 100
61 130.6 119.2 178.8
98 64.0 48.7 73.1

Manual Integrations
APPROVED

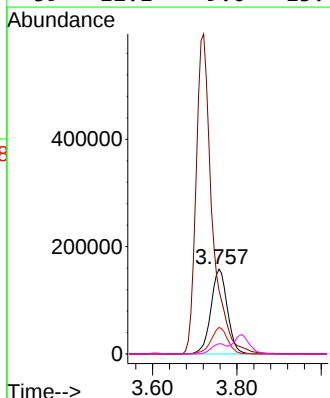
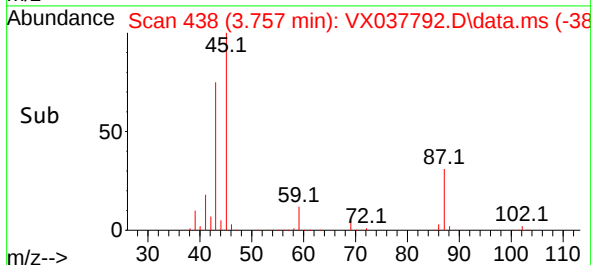
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

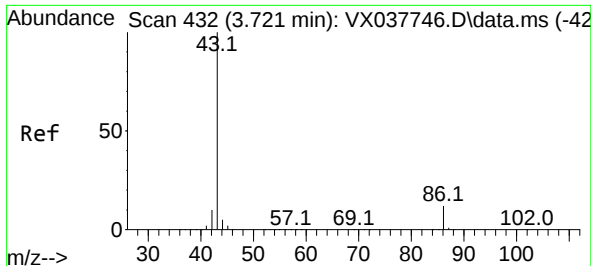


#22
Diisopropyl ether
Concen: 44.964 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



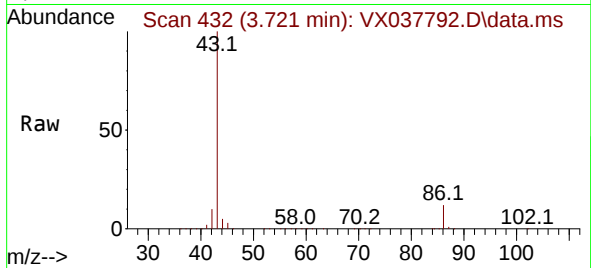
Tgt Ion: 45 Resp: 427341
Ion Ratio Lower Upper
45 100
43 75.0 69.7 104.5
87 31.2 20.8 31.2#
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 226.859 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037792.D
 Acq: 19 Sep 2023 09:42

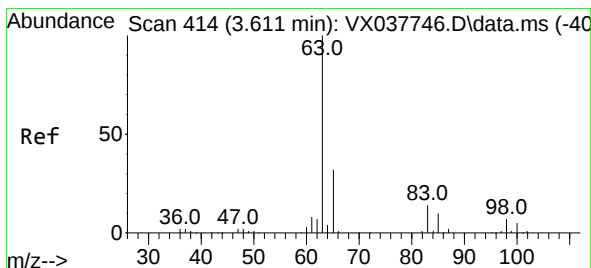
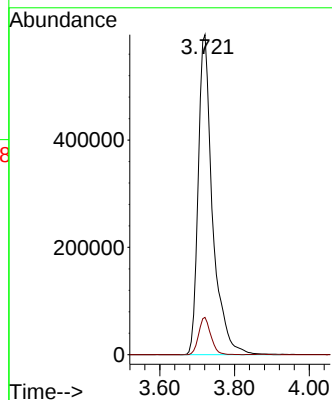
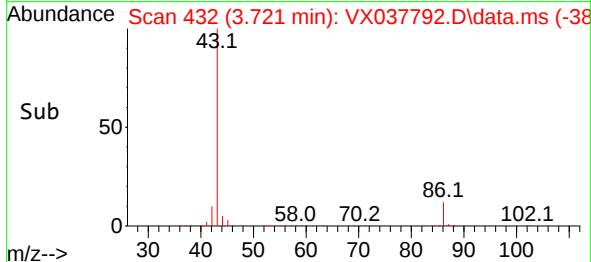
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



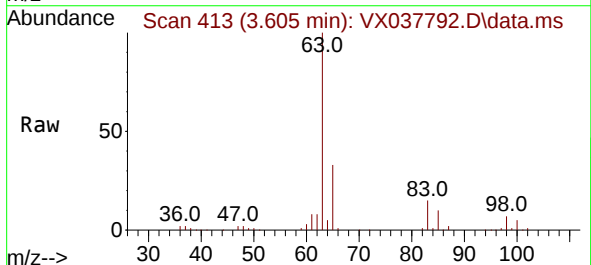
Tgt Ion: 43 Resp: 158590
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

Manual Integrations
 APPROVED

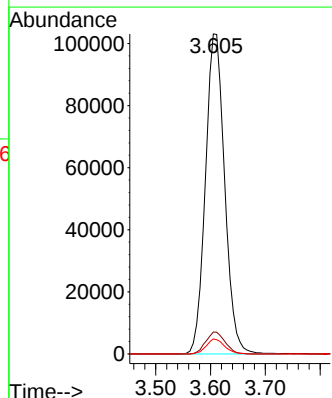
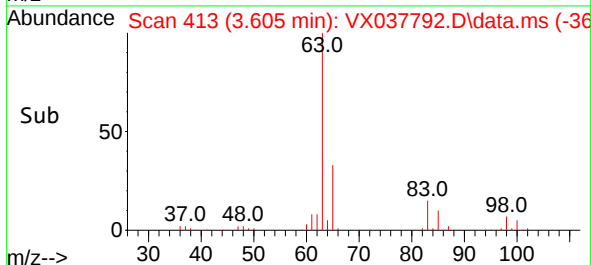
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023

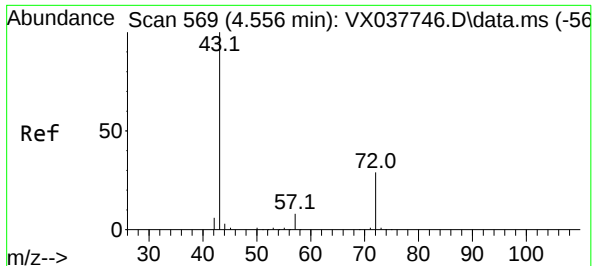


#24
 1,1-Dichloroethane
 Concen: 44.021 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037792.D
 Acq: 19 Sep 2023 09:42



Tgt Ion: 63 Resp: 250708
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 224.109 ug/l

RT: 4.550 min Scan# 569

Delta R.T. -0.018 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 56129

Ion Ratio Lower Upper

43 100

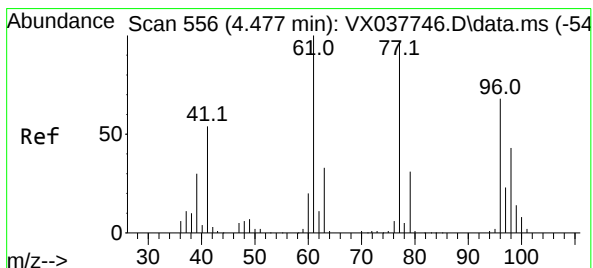
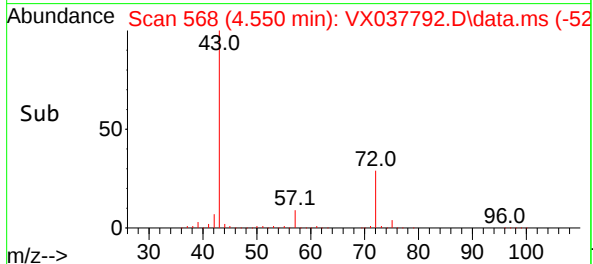
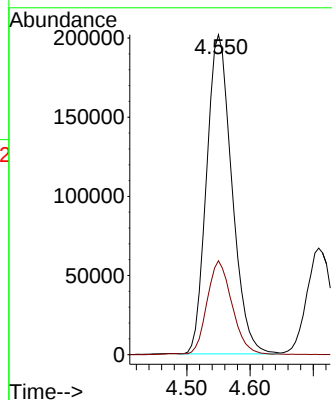
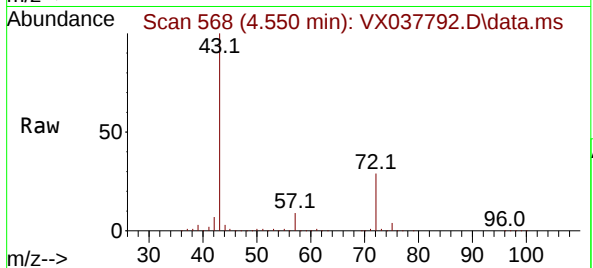
72 29.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#26

2,2-Dichloropropane

Concen: 47.154 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037792.D

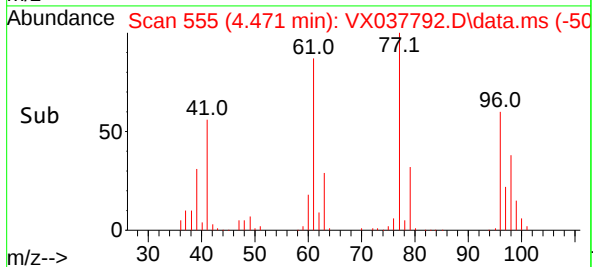
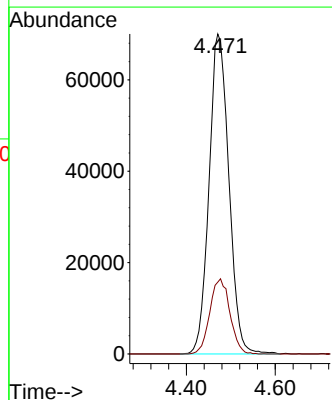
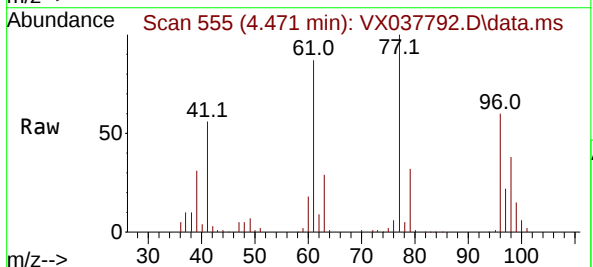
Acq: 19 Sep 2023 09:42

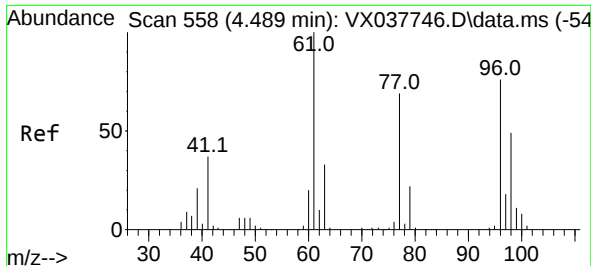
Tgt Ion: 77 Resp: 216994

Ion Ratio Lower Upper

77 100

97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.059 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16804

Ion Ratio Lower Upper

96 100

61 137.5 0.0 312.2

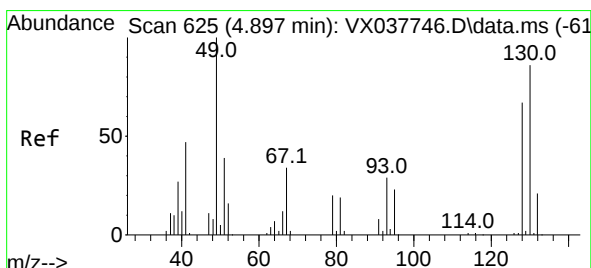
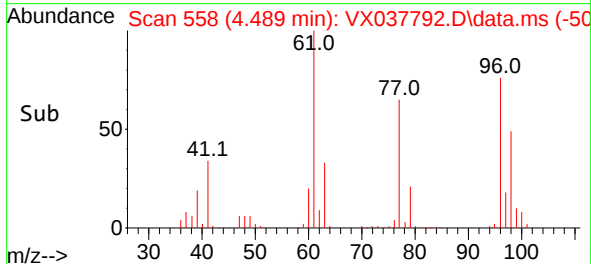
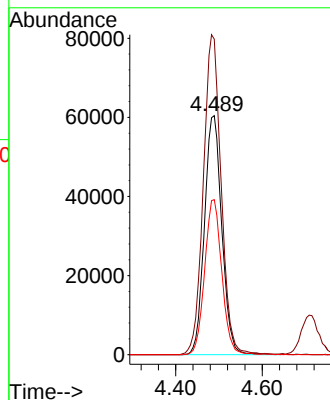
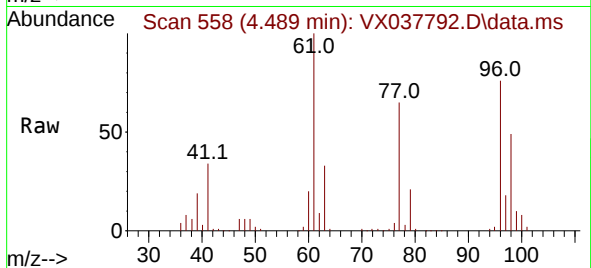
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#28

Bromochloromethane

Concen: 42.476 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

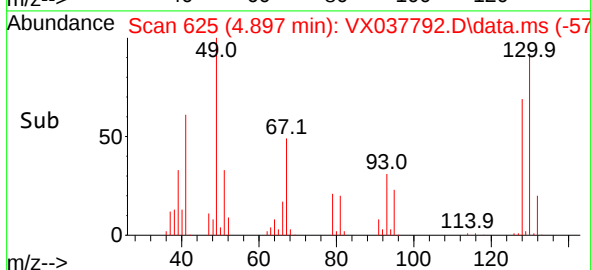
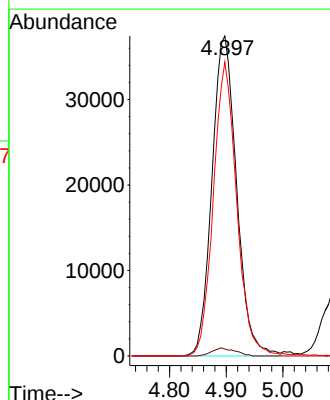
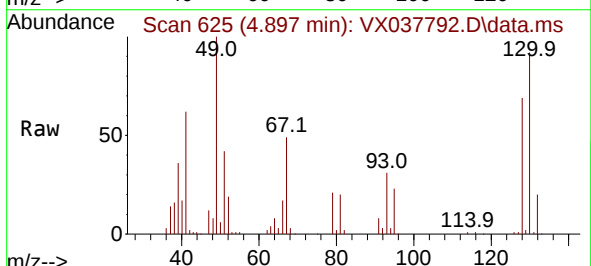
Tgt Ion: 49 Resp: 112855

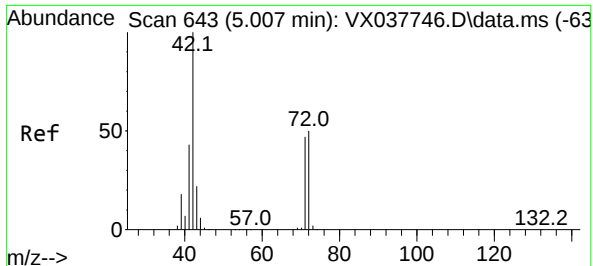
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 87.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 203.286 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 316694

Ion Ratio Lower Upper

42 100

72 49.5 34.2 51.4

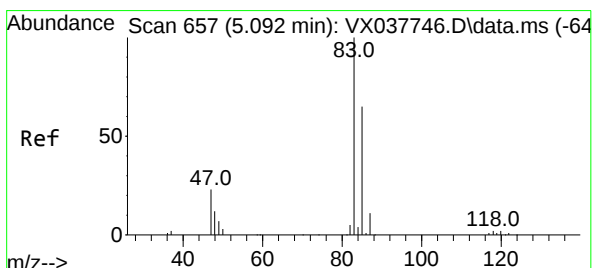
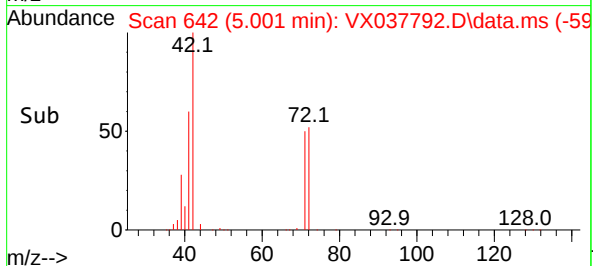
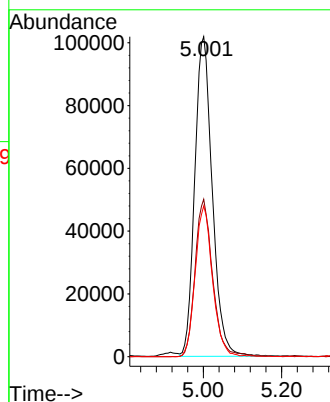
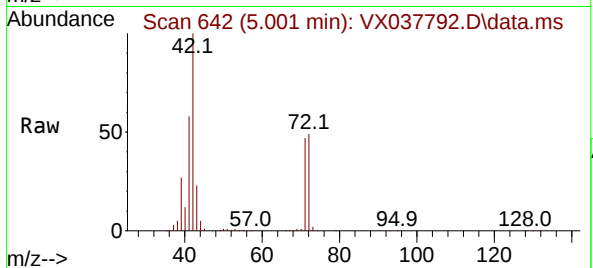
71 46.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#30

Chloroform

Concen: 44.792 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037792.D

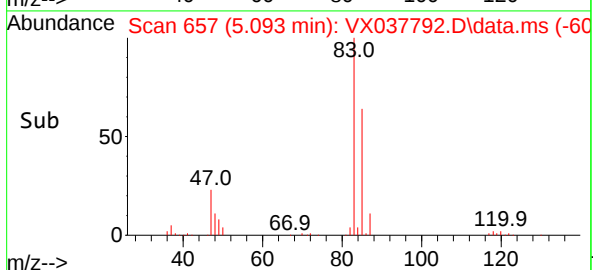
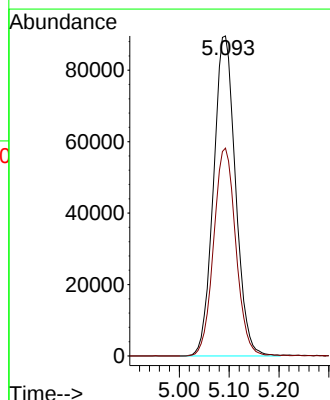
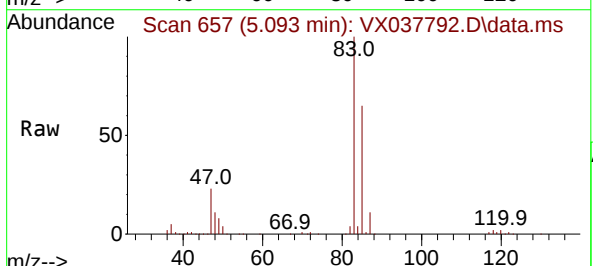
Acq: 19 Sep 2023 09:42

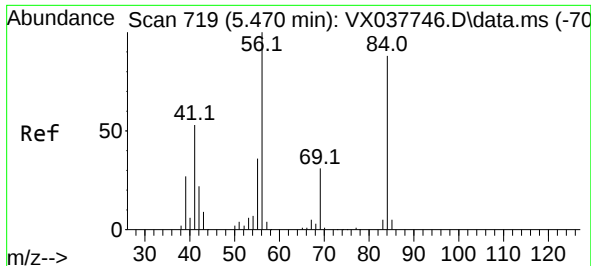
Tgt Ion: 83 Resp: 274805

Ion Ratio Lower Upper

83 100

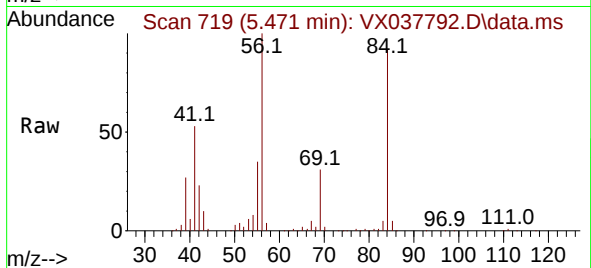
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 45.426 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

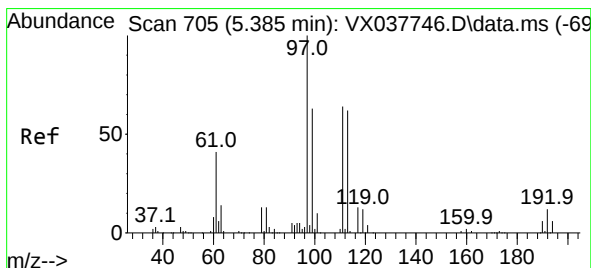
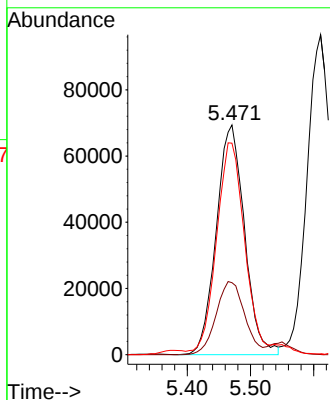
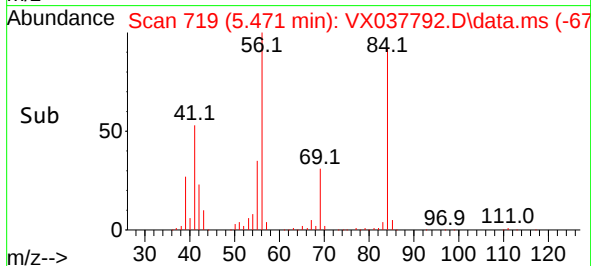
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 215100
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 90.2 65.9 98.9

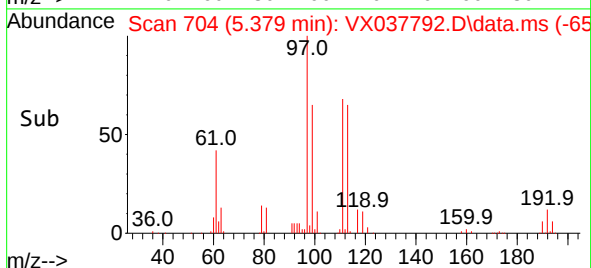
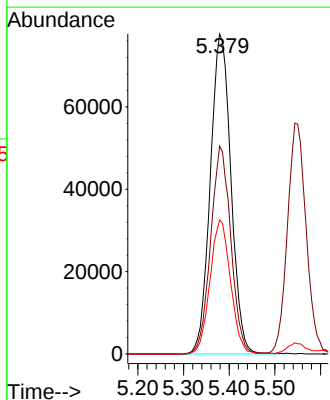
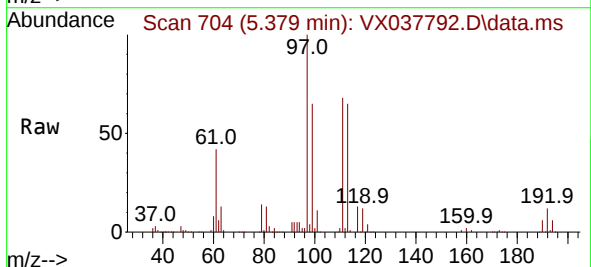
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#32
1,1,1-Trichloroethane
Concen: 46.913 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion: 97 Resp: 243702
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 41.6 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.517 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

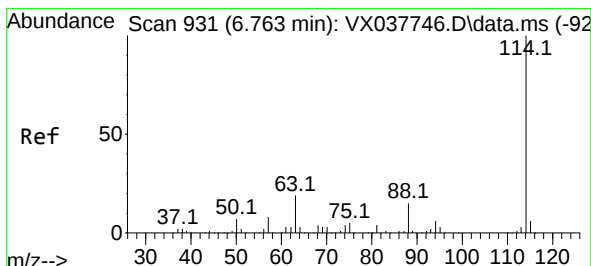
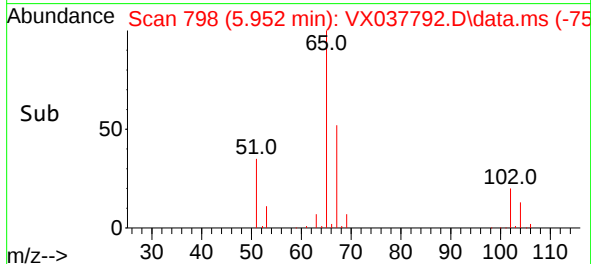
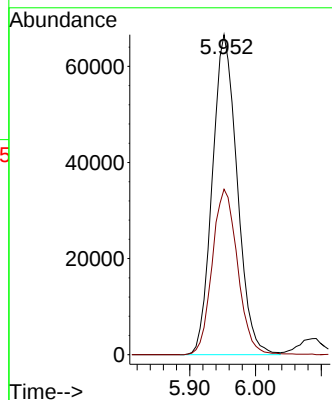
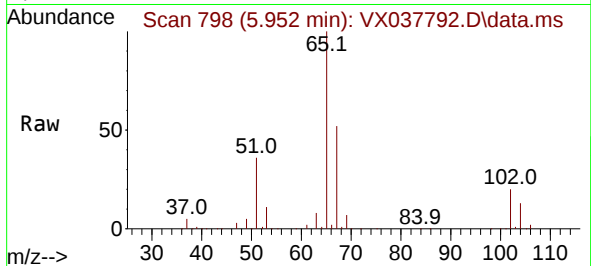
VSTDCCC050

Tgt Ion: 65 Resp: 175309
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

Manual Integrations

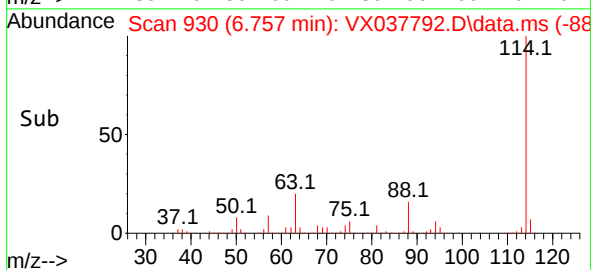
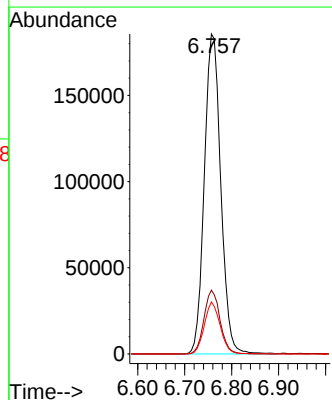
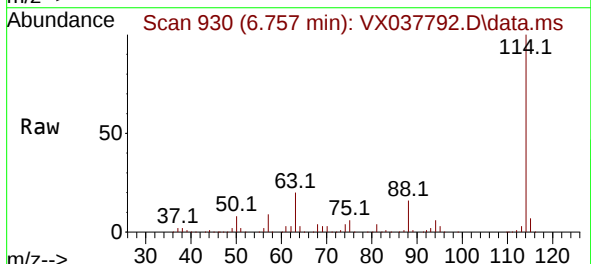
APPROVED

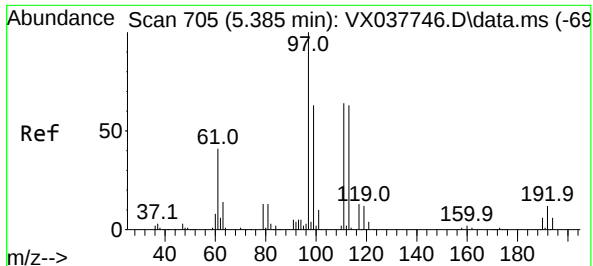
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion:114 Resp: 450661
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.039 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037792.D

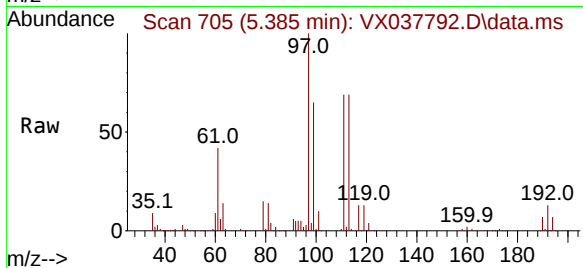
Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



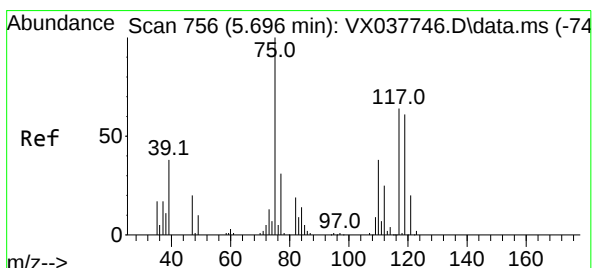
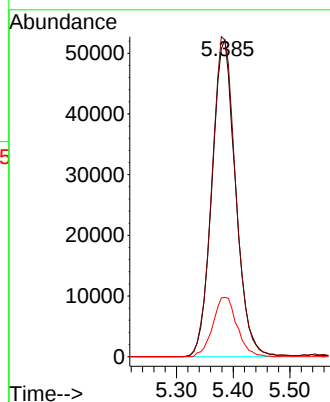
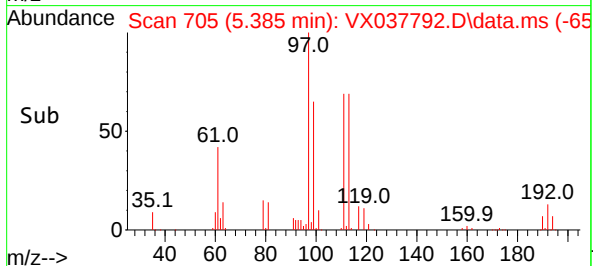
Tgt Ion:	113	Resp:	15088
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#36

1,1-Dichloropropene

Concen: 47.196 ug/l

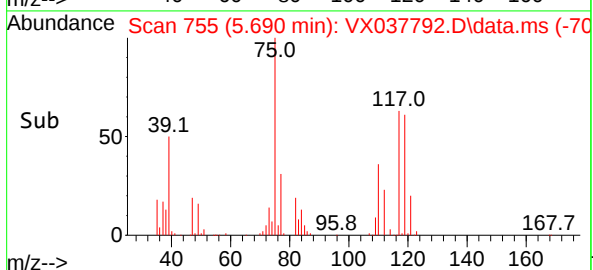
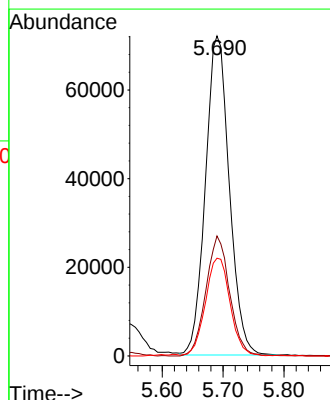
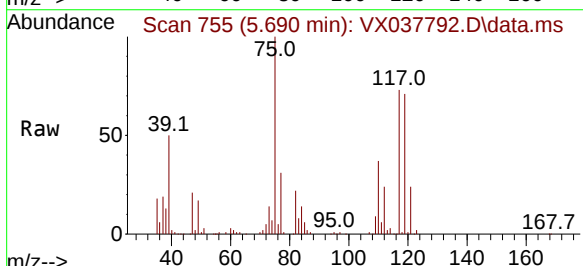
RT: 5.690 min Scan# 755

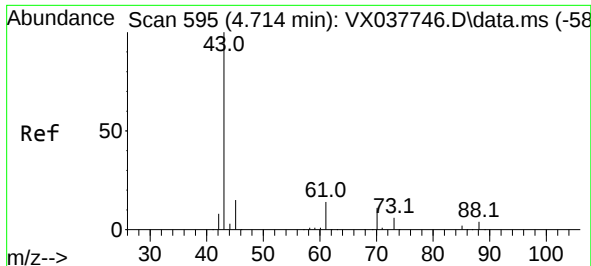
Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Tgt Ion:	75	Resp:	196045
Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.0	50.9
77	31.4	24.7	37.1





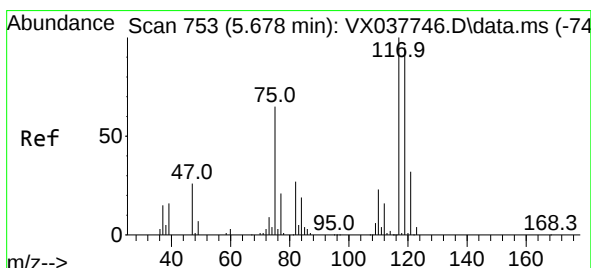
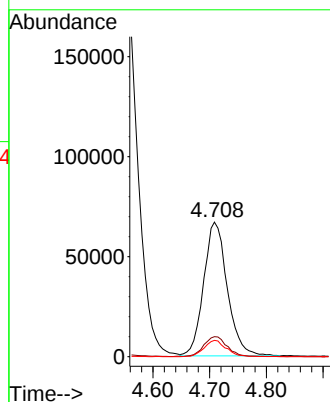
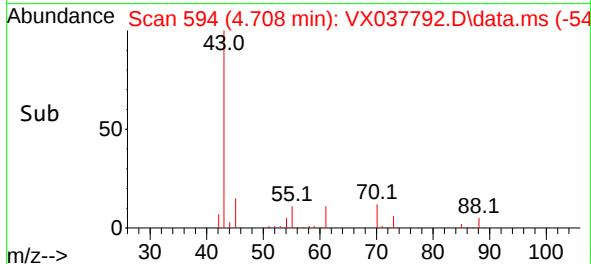
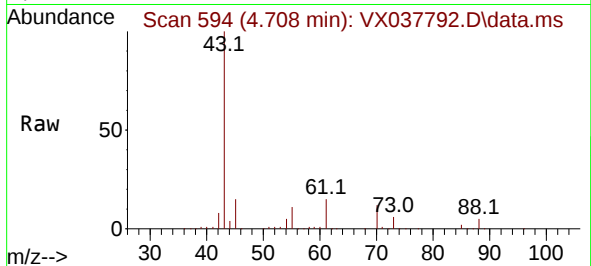
#37
Ethyl Acetate
Concen: 42.331 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.024 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 193307
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.4 8.3 12.5

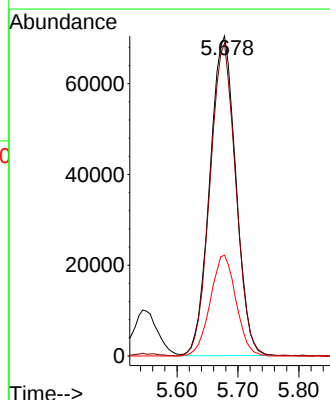
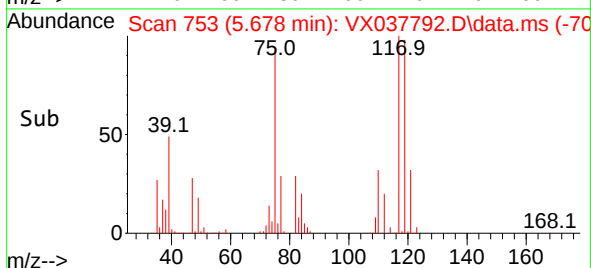
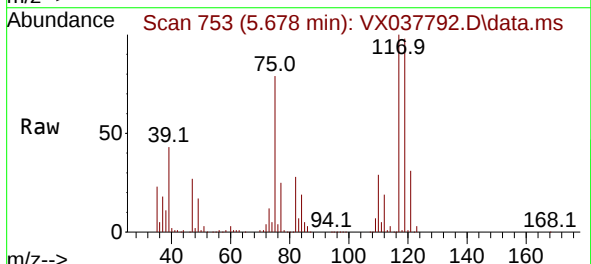
Manual Integrations
APPROVED

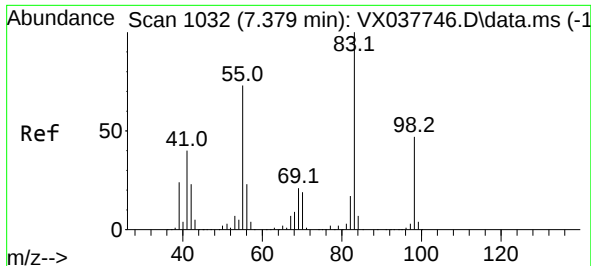
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#38
Carbon Tetrachloride
Concen: 48.043 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion:117 Resp: 208807
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.2
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 48.135 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25376

Ion Ratio Lower Upper

83 100

55 72.0 64.6 97.0

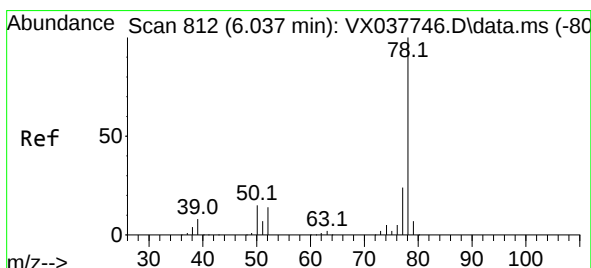
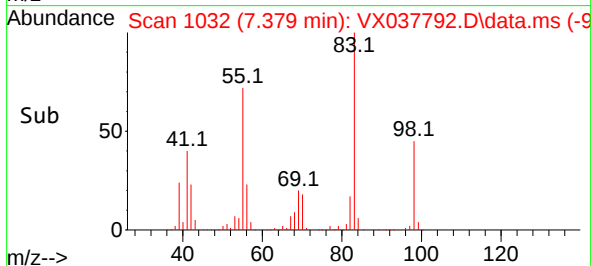
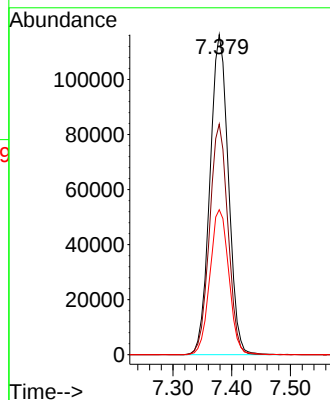
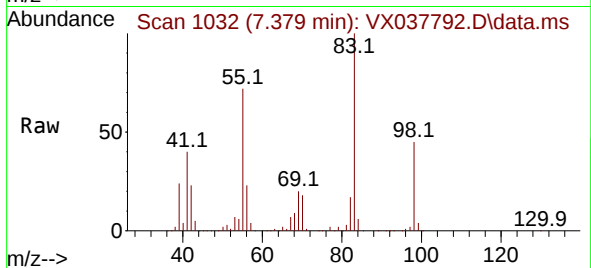
98 45.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#40

Benzene

Concen: 45.961 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037792.D

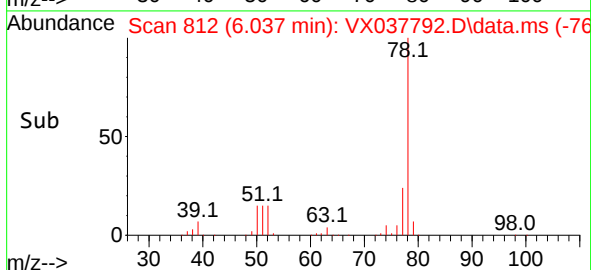
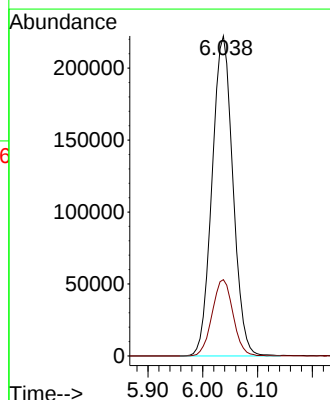
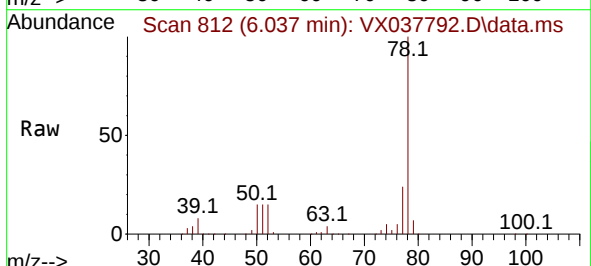
Acq: 19 Sep 2023 09:42

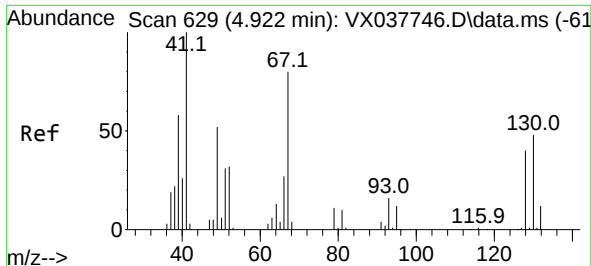
Tgt Ion: 78 Resp: 587091

Ion Ratio Lower Upper

78 100

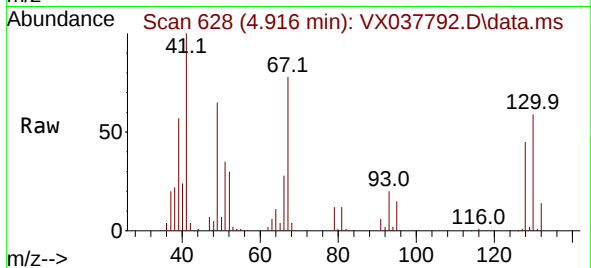
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 44.372 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

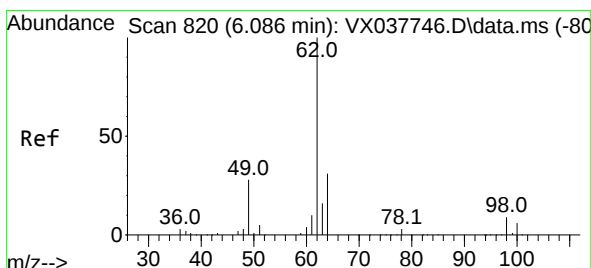
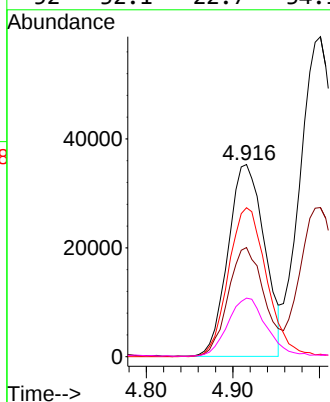
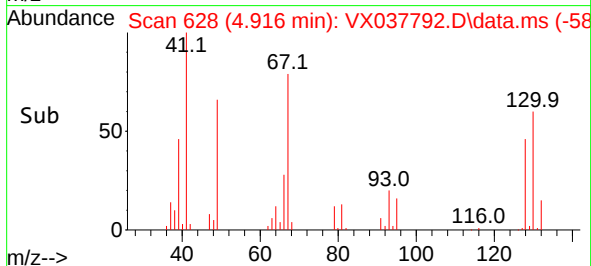
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 10331
Ion Ratio	Lower Upper
41	100
39	57.5 45.2 67.8
67	82.0 52.6 78.8
52	32.1 22.7 34.1

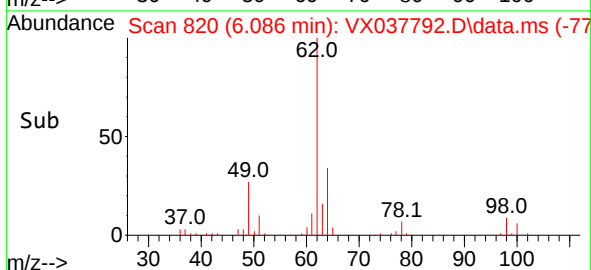
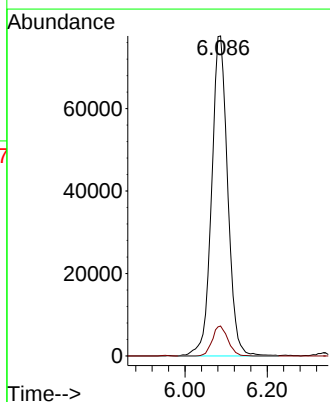
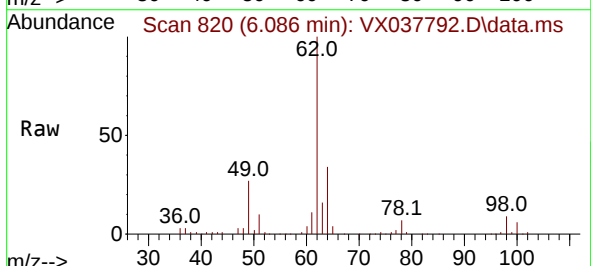
Manual Integrations
APPROVED

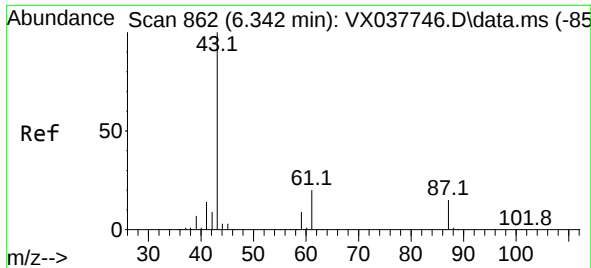
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#42
1,2-Dichloroethane
Concen: 45.623 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

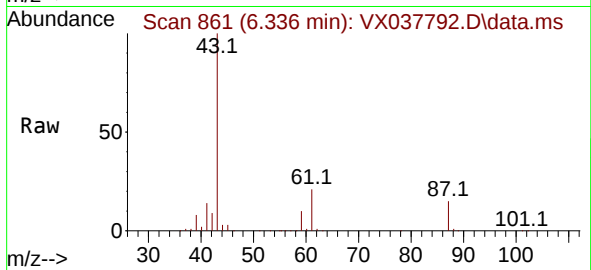
Tgt Ion: 62	Resp: 210632
Ion Ratio	Lower Upper
62	100
98	9.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 44.711 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

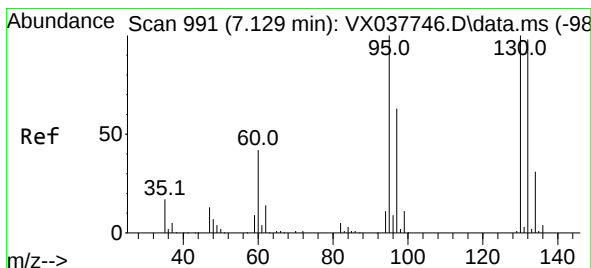
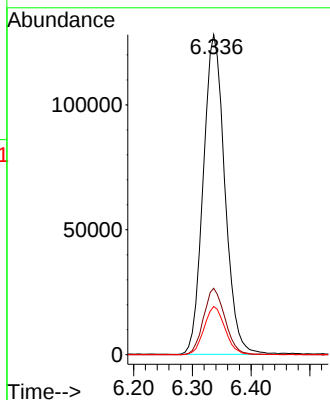
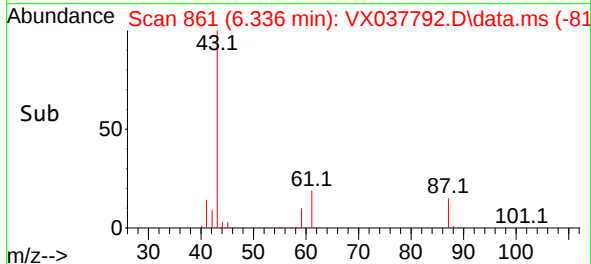
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 32648
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 14.7 9.8 14.6

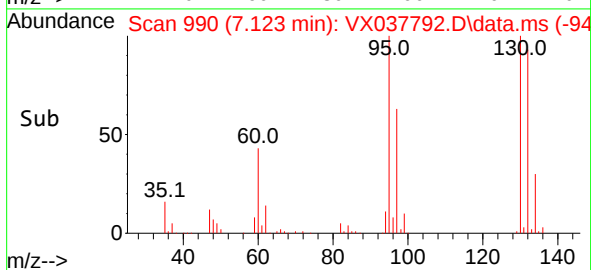
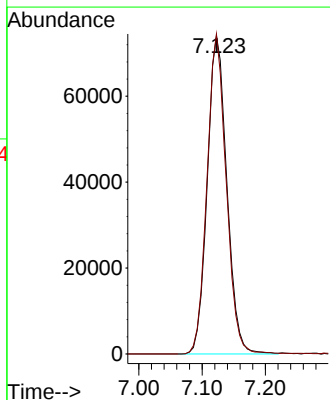
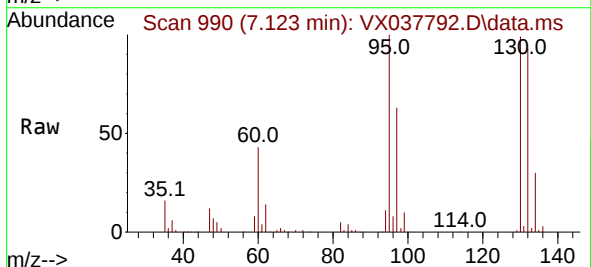
Manual Integrations
APPROVED

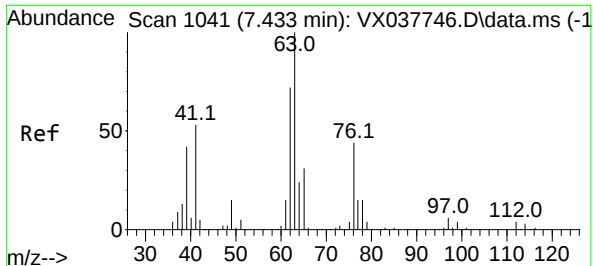
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#44
Trichloroethene
Concen: 44.707 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion:130 Resp: 159034
Ion Ratio Lower Upper
130 100
95 100.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 46.109 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15295

Ion Ratio Lower Upper

63 100

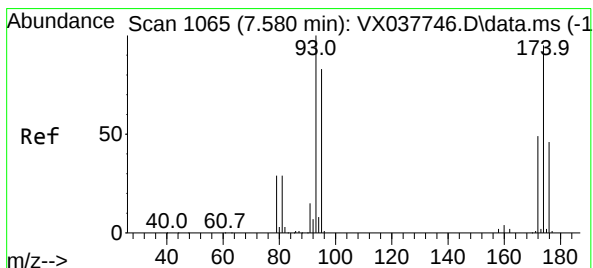
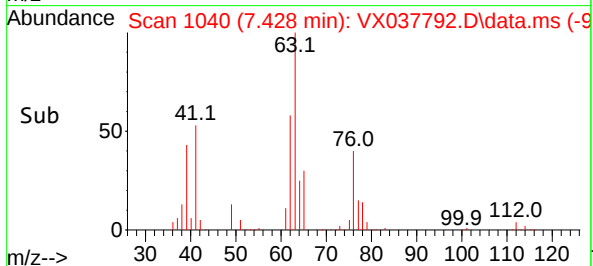
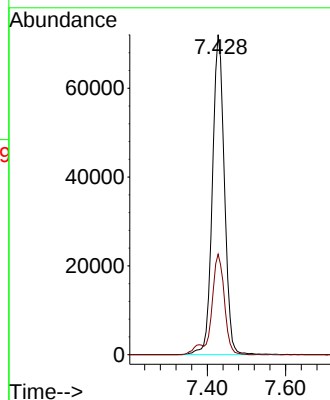
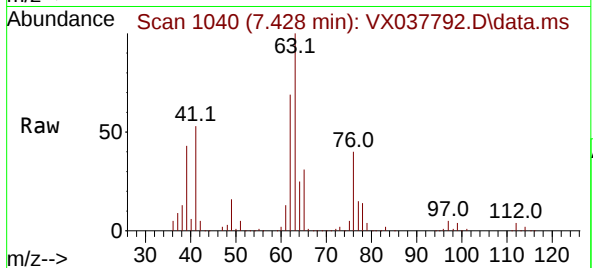
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#46

Dibromomethane

Concen: 47.041 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

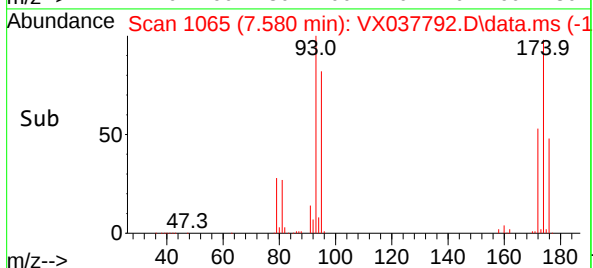
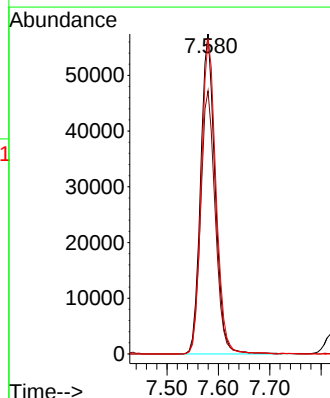
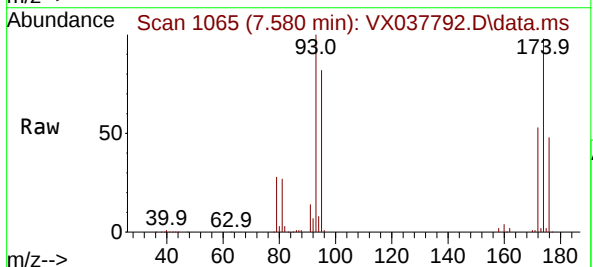
Tgt Ion: 93 Resp: 112251

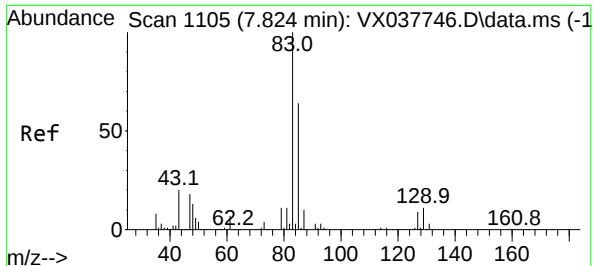
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 99.1 69.4 104.0





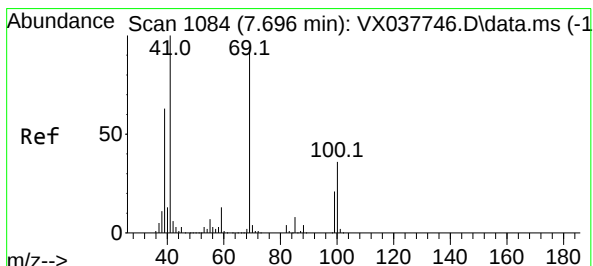
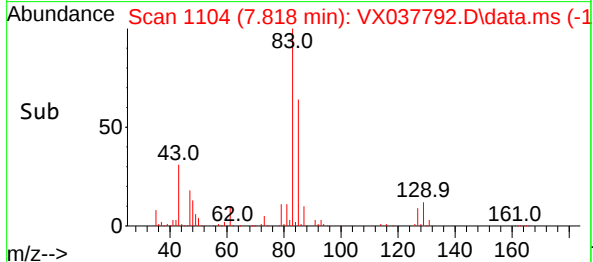
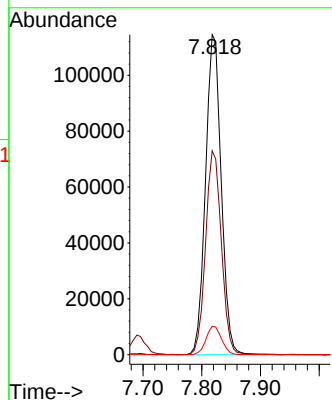
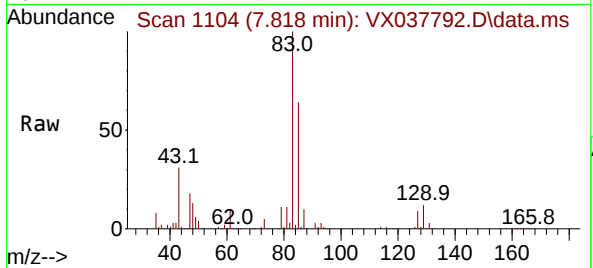
#47
Bromodichloromethane
Concen: 48.401 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21271
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.9 7.1 10.7

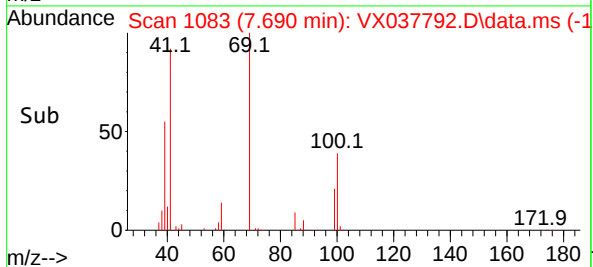
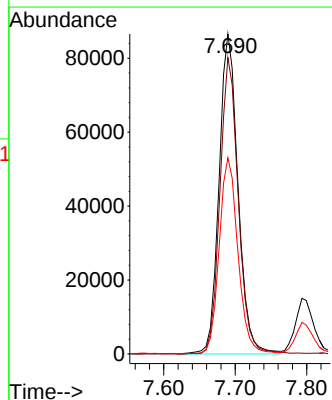
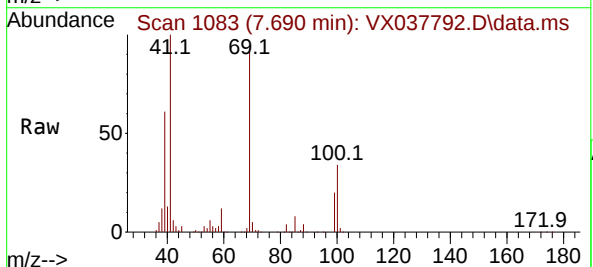
Manual Integrations
APPROVED

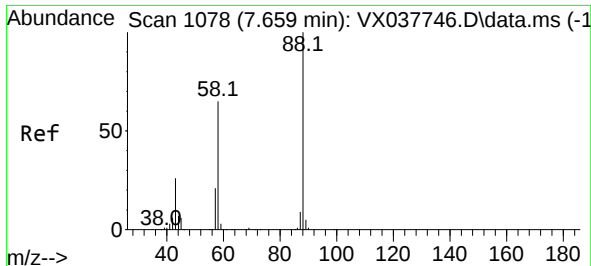
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#48
Methyl methacrylate
Concen: 45.651 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

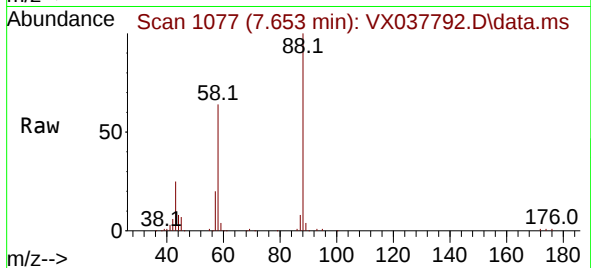
Tgt Ion: 41 Resp: 159353
Ion Ratio Lower Upper
41 100
69 89.8 59.2 88.8#
39 60.7 47.7 71.5





#49
1,4-Dioxane
Concen: 822.303 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.018 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

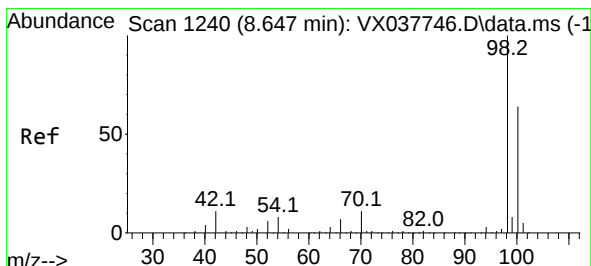
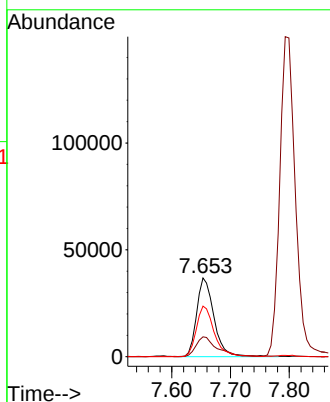
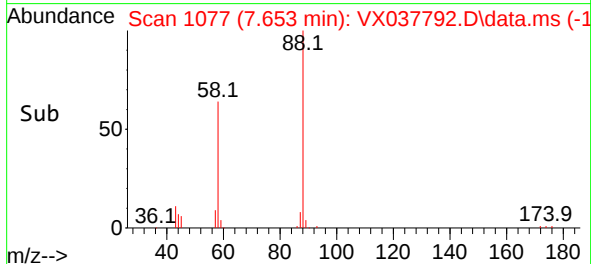
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 7525
Ion Ratio Lower Upper
88 100
43 29.6 0.0 0.0
58 66.2 60.1 90.1

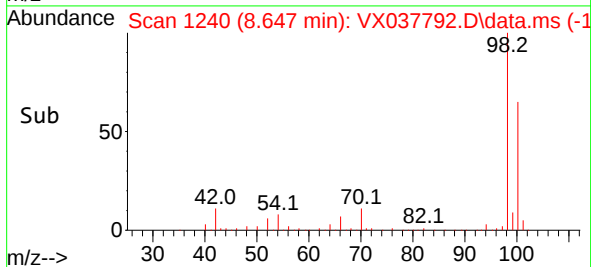
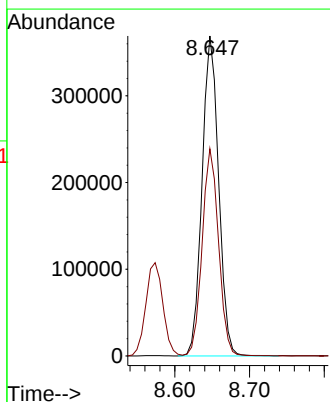
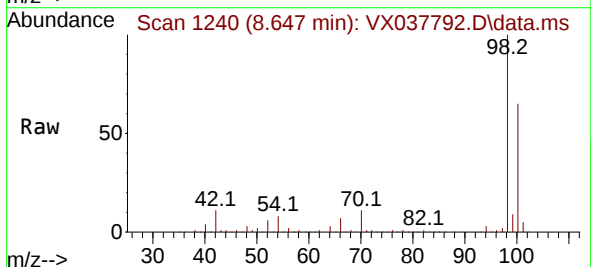
Manual Integrations
APPROVED

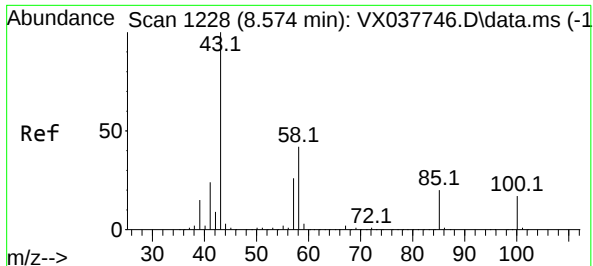
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#50
Toluene-d8
Concen: 50.583 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion: 98 Resp: 566730
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 220.250 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

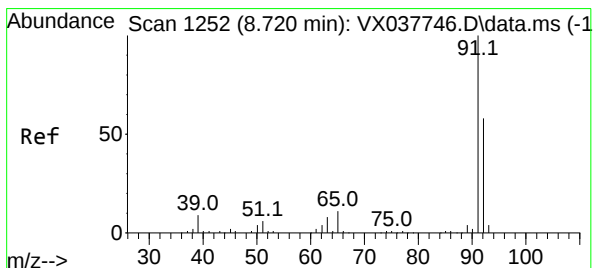
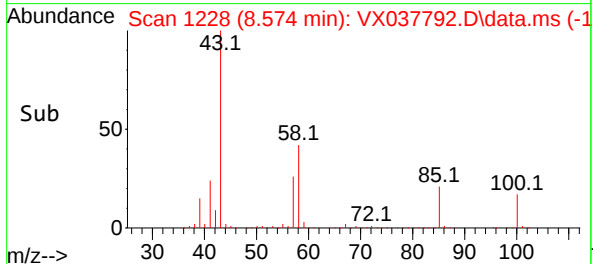
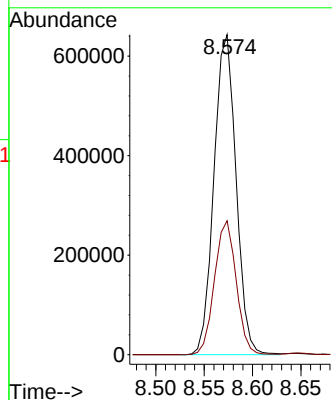
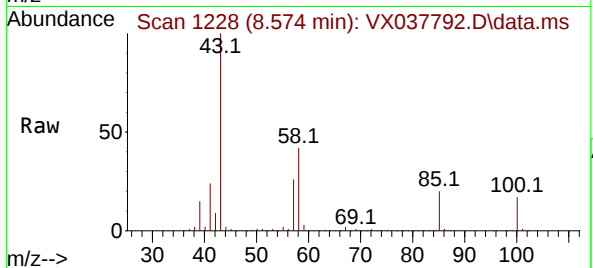
VSTDCCC050

Tgt Ion: 43 Resp: 1020378
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

Manual Integrations

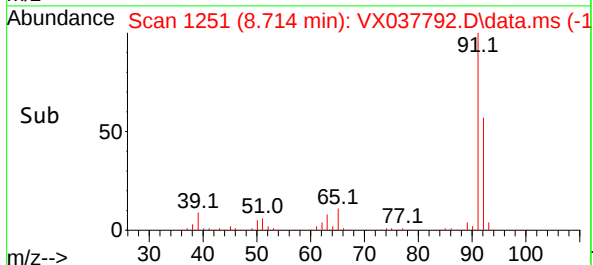
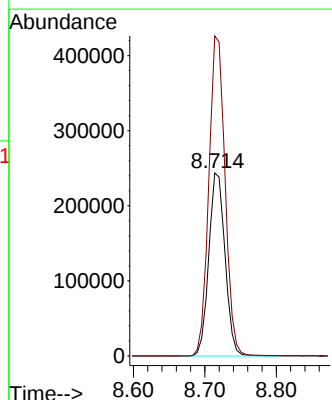
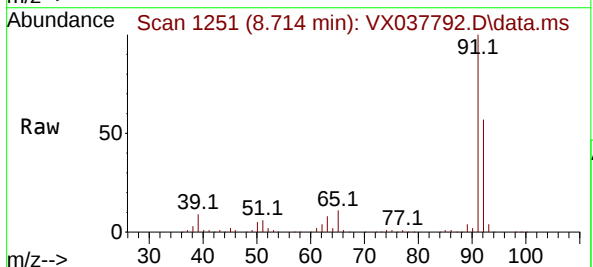
APPROVED

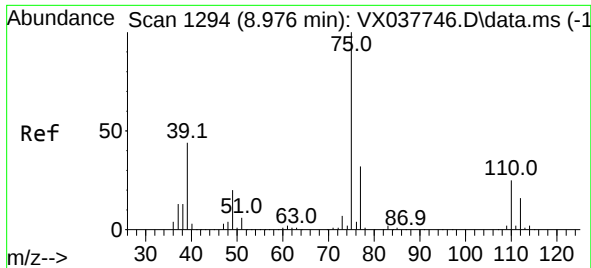
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#52
Toluene
Concen: 46.631 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion: 92 Resp: 383881
Ion Ratio Lower Upper
92 100
91 175.3 134.2 201.2





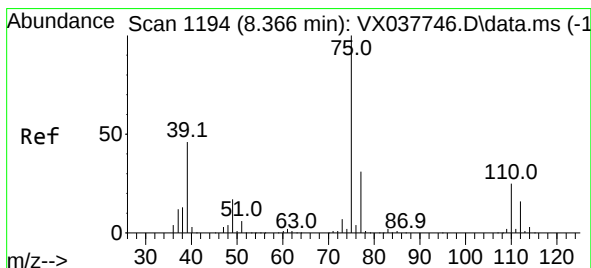
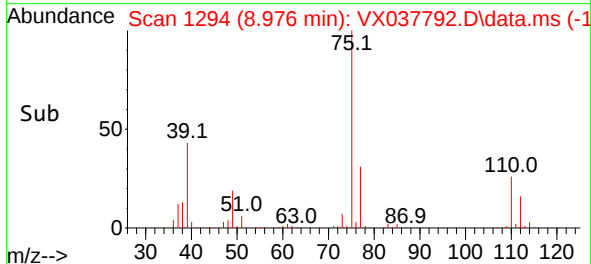
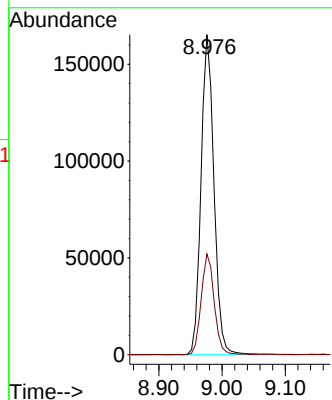
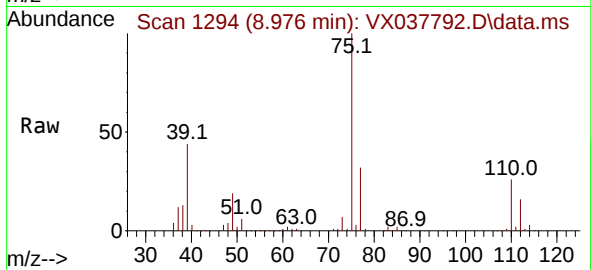
#53
t-1,3-Dichloropropene
Concen: 51.241 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.012 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 23546
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

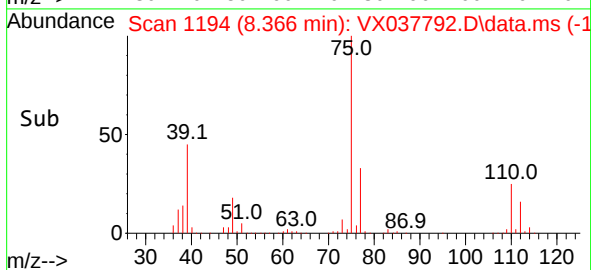
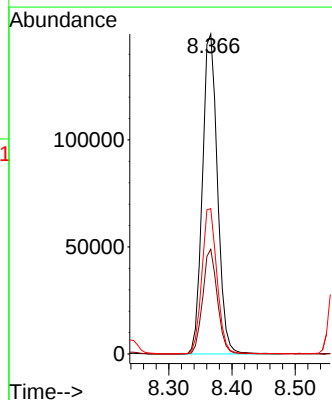
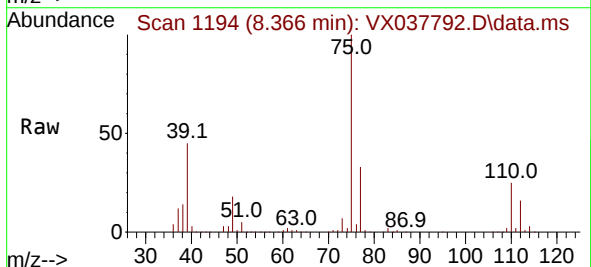
Manual Integrations
APPROVED

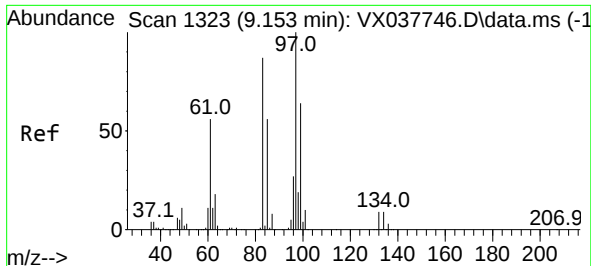
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#54
cis-1,3-Dichloropropene
Concen: 48.843 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

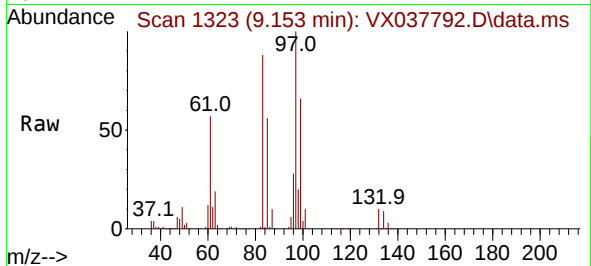
Tgt Ion: 75 Resp: 248400
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 45.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 46.661 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

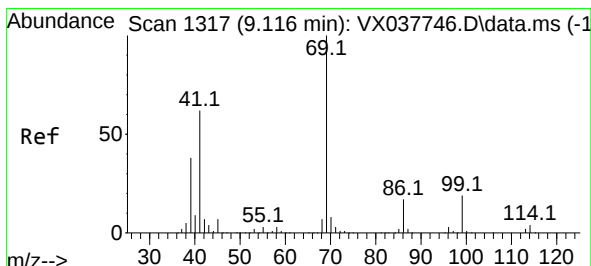
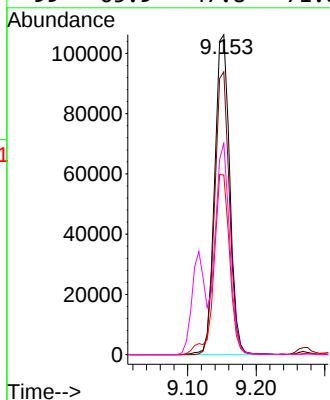
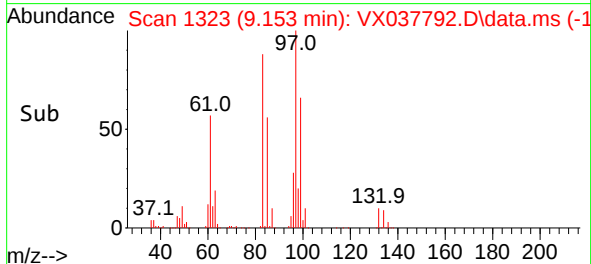
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



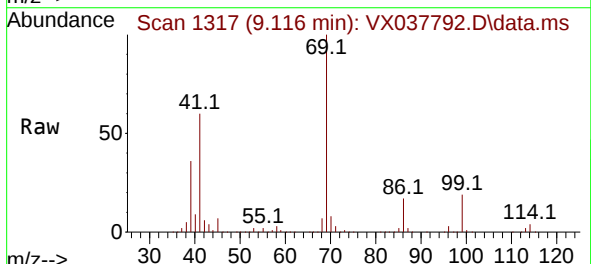
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	56.2	41.6	62.4
99	65.9	47.8	71.8

Manual Integrations
APPROVED

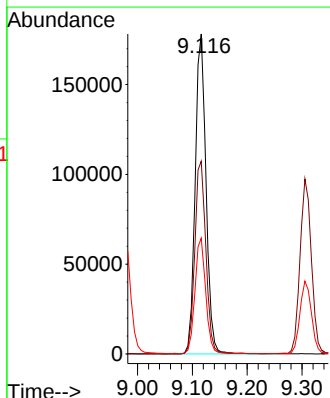
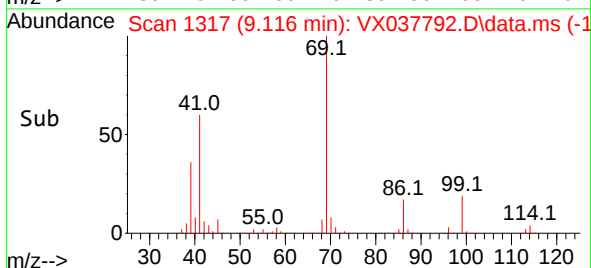
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

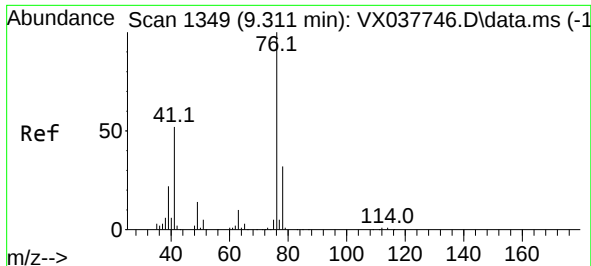


#56
Ethyl methacrylate
Concen: 47.455 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	56.8	85.2
39	36.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 45.957 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 25811

Ion Ratio Lower Upper

76 100

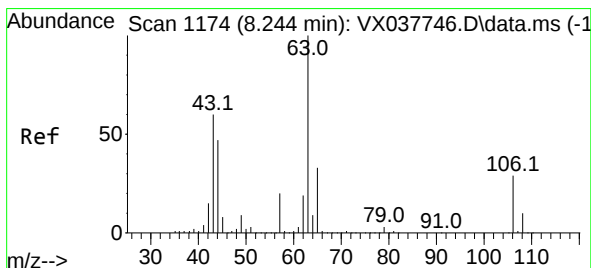
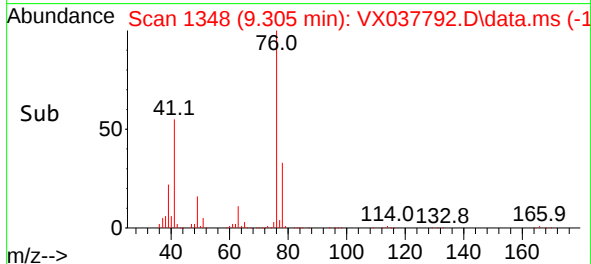
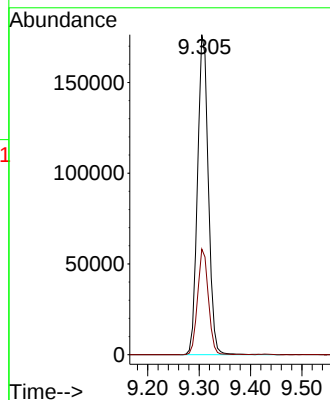
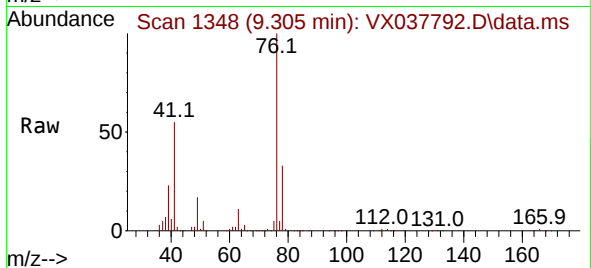
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 225.915 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037792.D

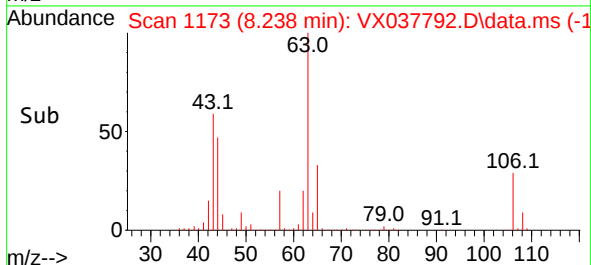
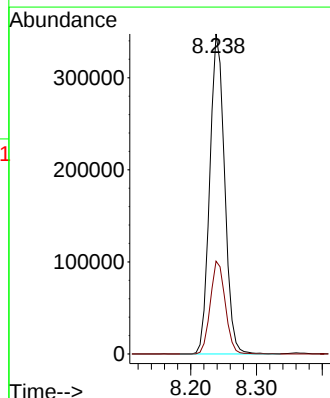
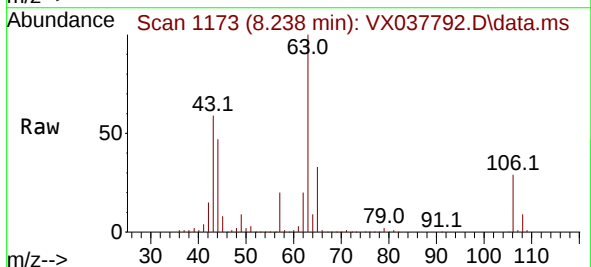
Acq: 19 Sep 2023 09:42

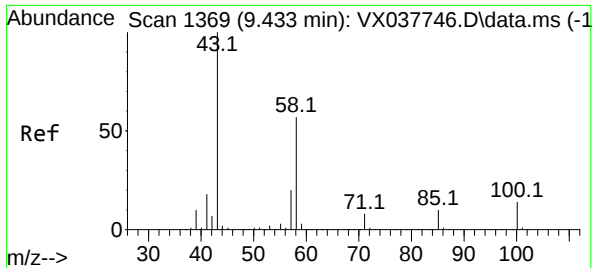
Tgt Ion: 63 Resp: 546611

Ion Ratio Lower Upper

63 100

106 29.1 22.5 33.7





#59

2-Hexanone

Concen: 233.358 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 841750

Ion Ratio Lower Upper

43 100

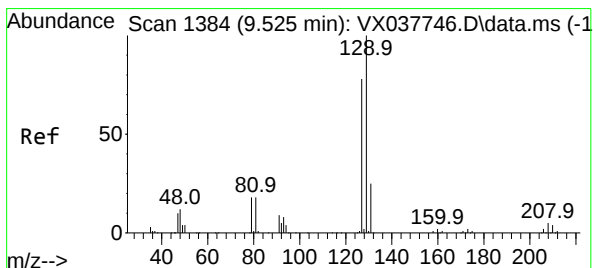
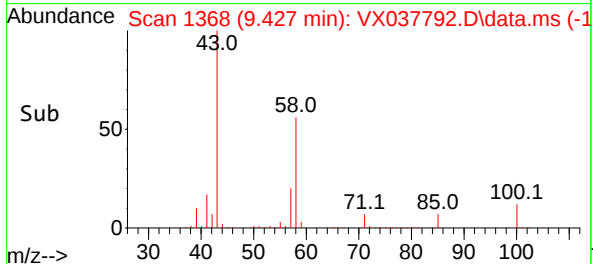
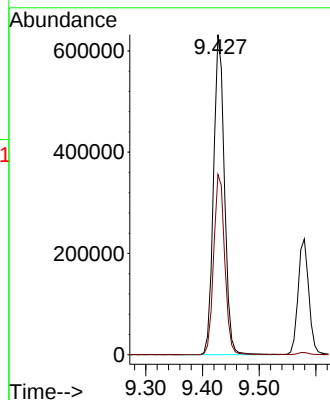
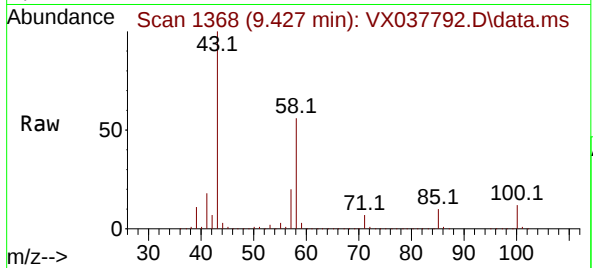
58 57.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#60

Dibromochloromethane

Concen: 50.558 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037792.D

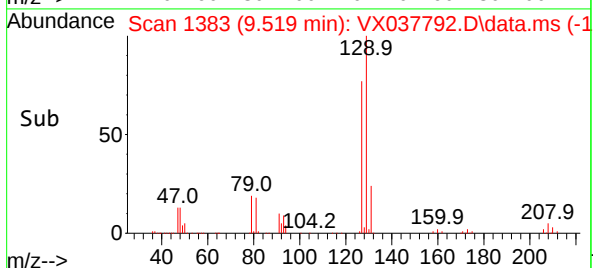
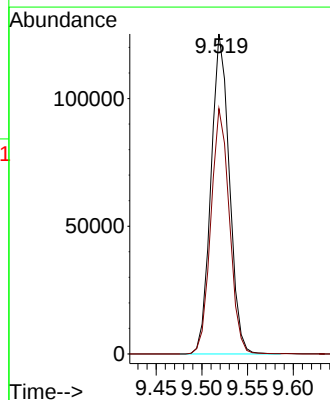
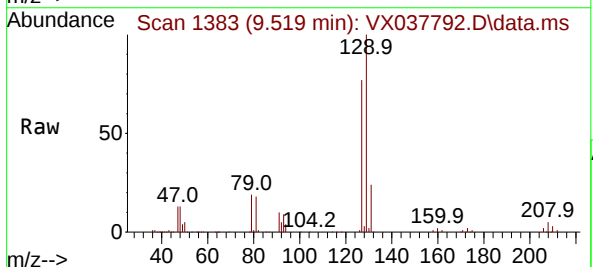
Acq: 19 Sep 2023 09:42

Tgt Ion:129 Resp: 174812

Ion Ratio Lower Upper

129 100

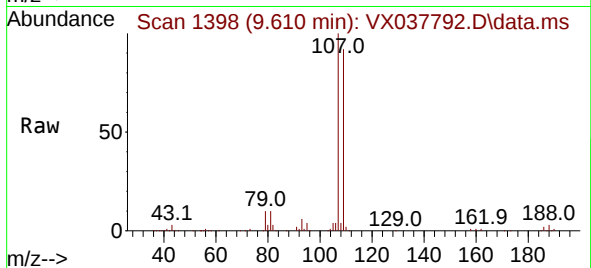
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.838 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

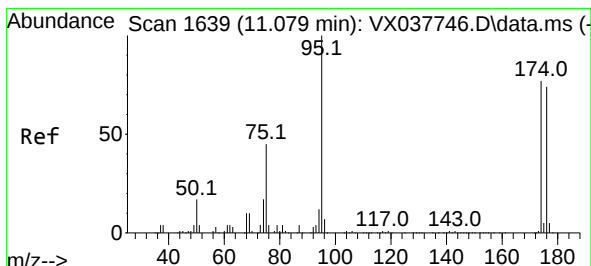
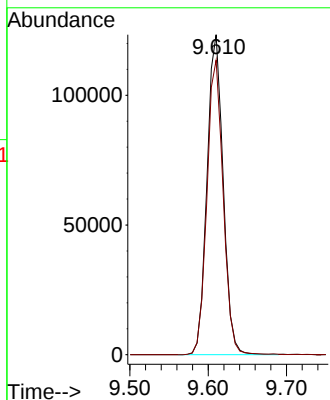
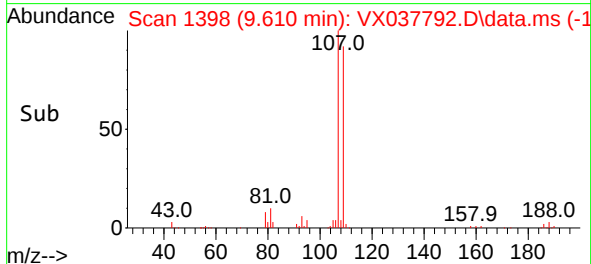
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



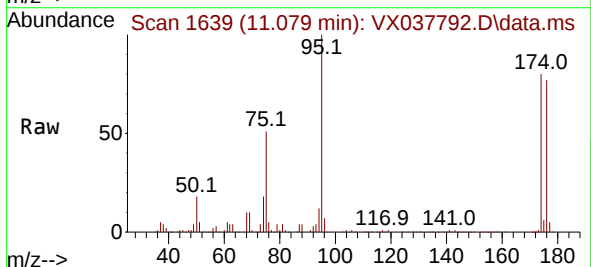
Tgt Ion:107 Resp: 175798
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8

Manual Integrations
APPROVED

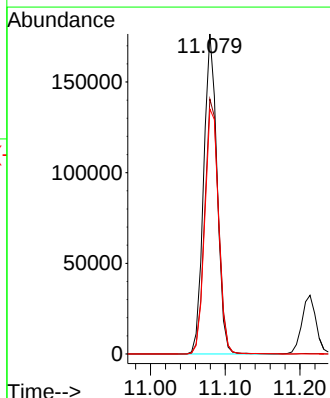
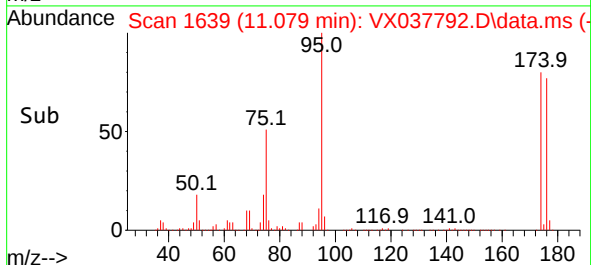
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

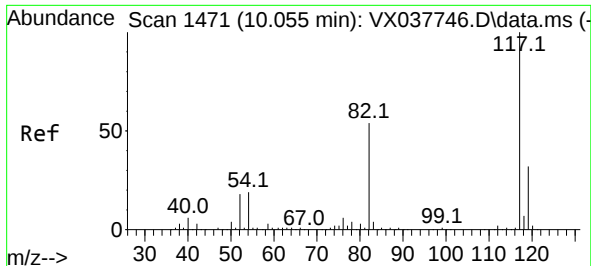


#62
4-Bromofluorobenzene
Concen: 53.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



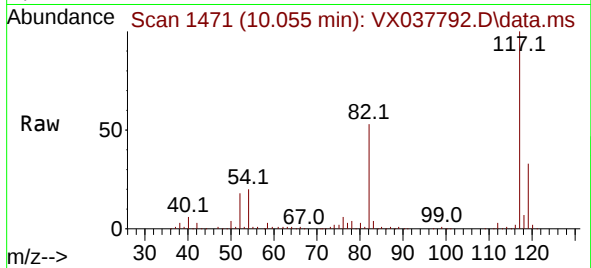
Tgt Ion: 95 Resp: 219470
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

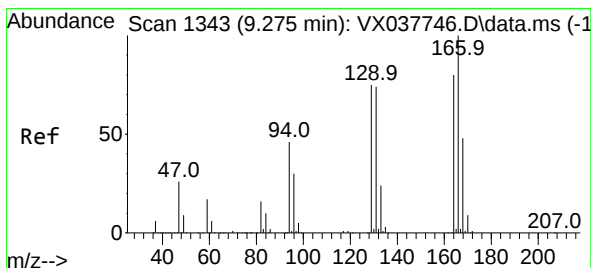
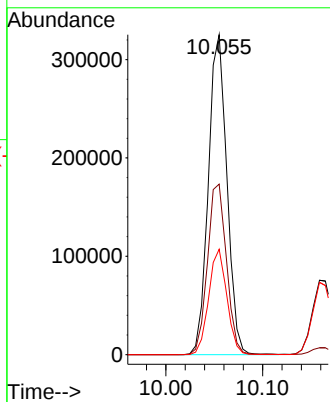
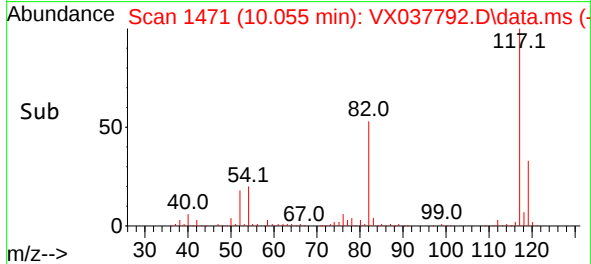
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 433917
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 33.0 25.5 38.3

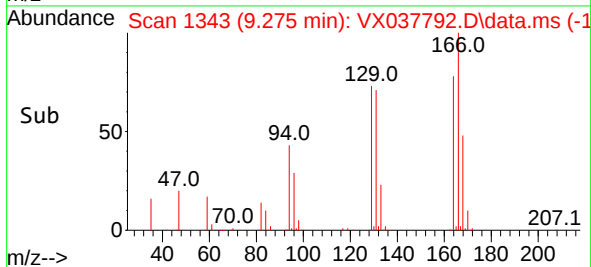
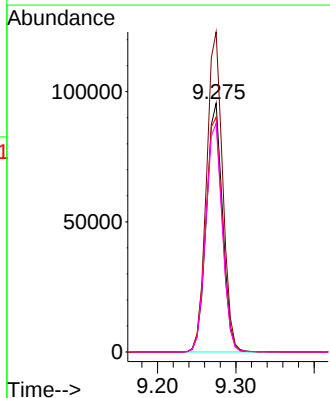
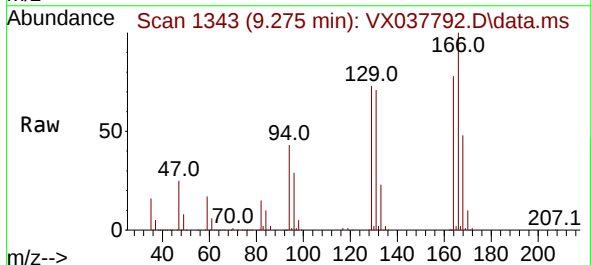
Manual Integrations
APPROVED

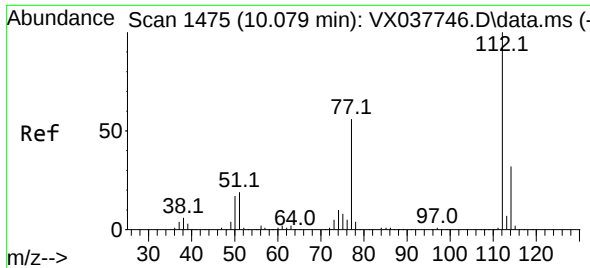
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#64
Tetrachloroethene
Concen: 46.106 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

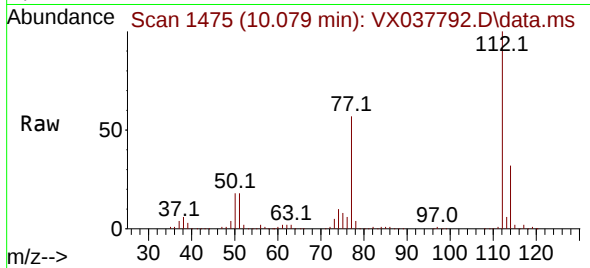
Tgt Ion:164 Resp: 136439
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 94.4 80.4 120.6
131 92.0 76.5 114.7





#65
Chlorobenzene
Concen: 45.616 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

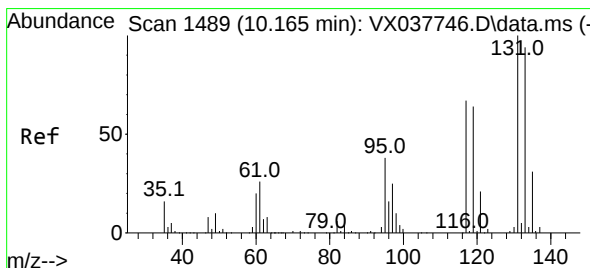
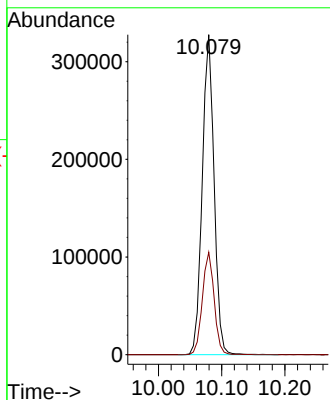
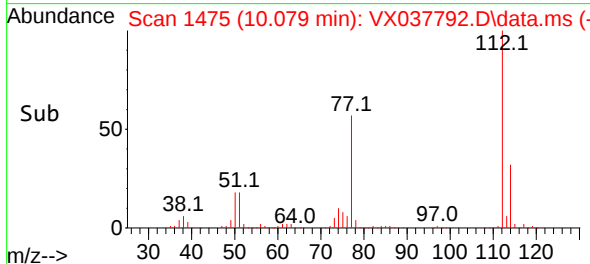
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



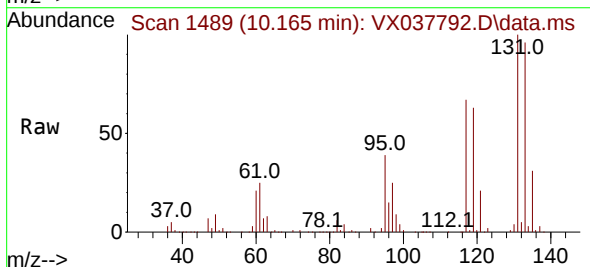
Tgt Ion:112 Resp: 426952
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

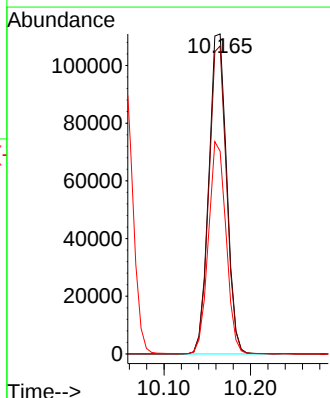
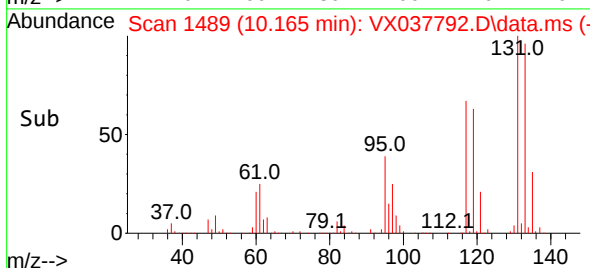
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

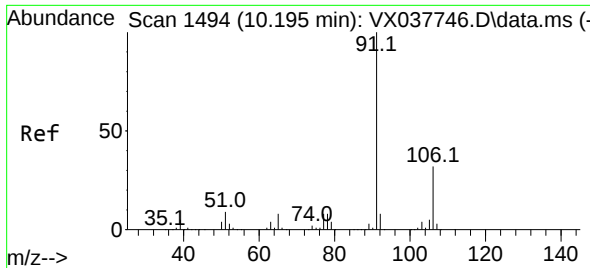


#66
1,1,1,2-Tetrachloroethane
Concen: 47.978 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



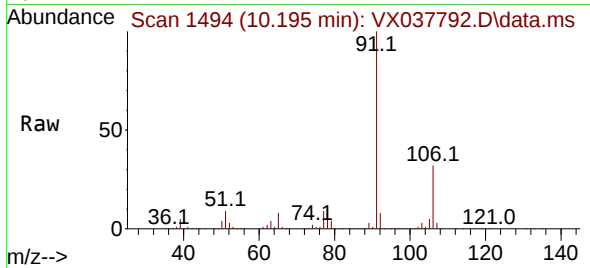
Tgt Ion:131 Resp: 159137
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 47.343 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

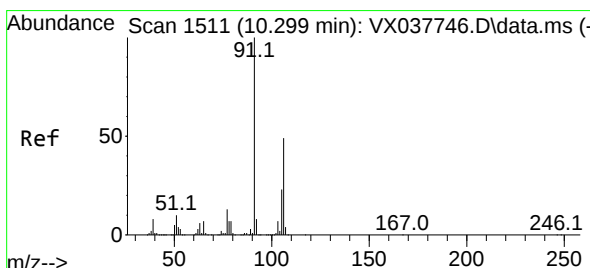
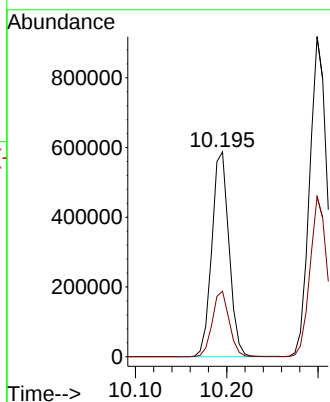
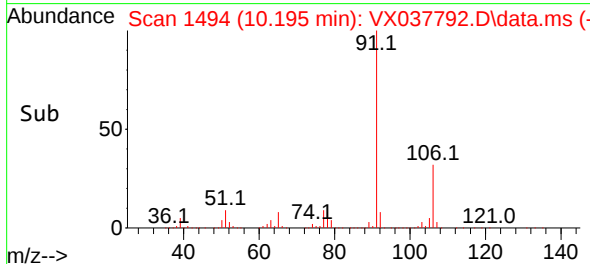
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



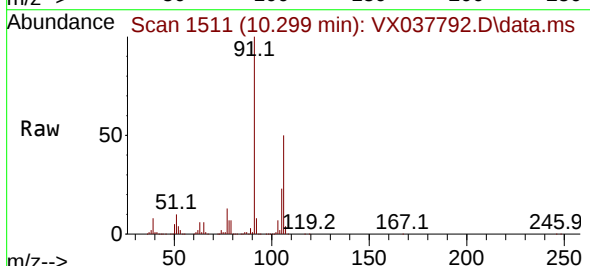
Tgt Ion: 91 Resp: 768248
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

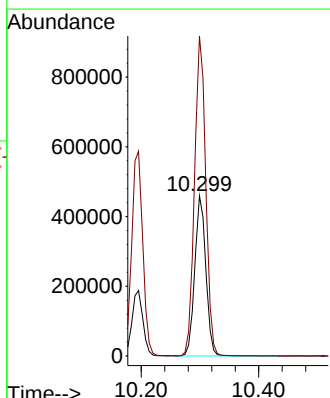
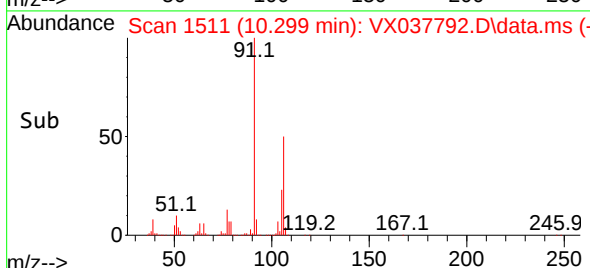
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

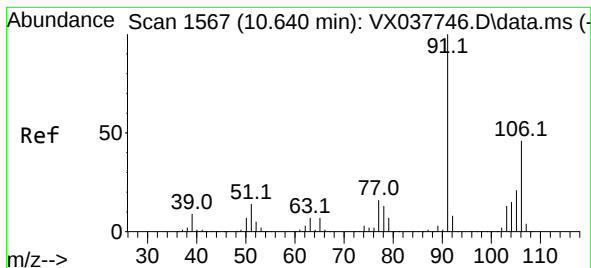


#68
m/p-Xylenes
Concen: 95.771 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



Tgt Ion:106 Resp: 600526
Ion Ratio Lower Upper
106 100
91 202.6 165.5 248.3





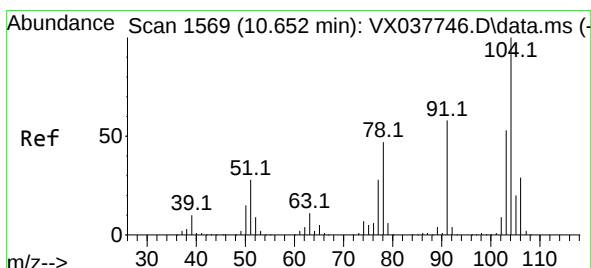
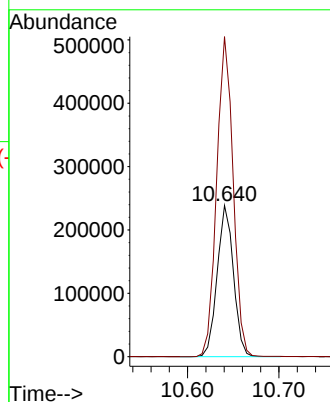
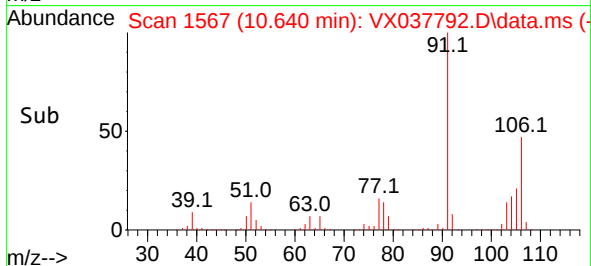
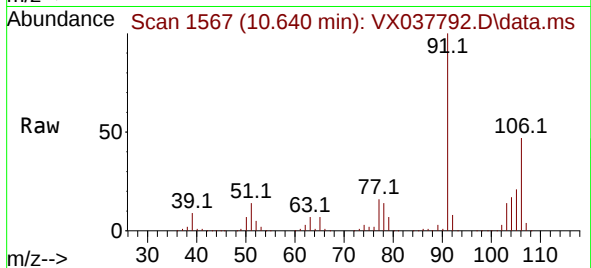
#69
o-Xylene
Concen: 46.997 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 295510
Ion Ratio Lower Upper
106 100
91 213.7 108.9 326.8

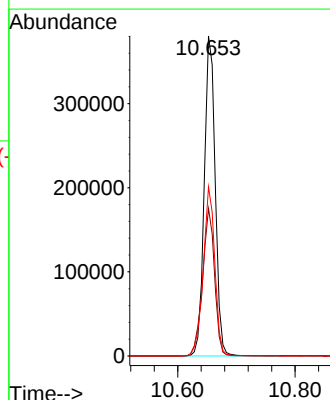
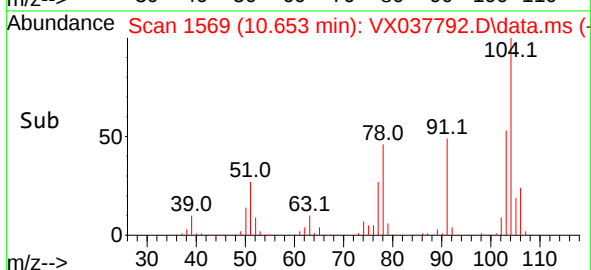
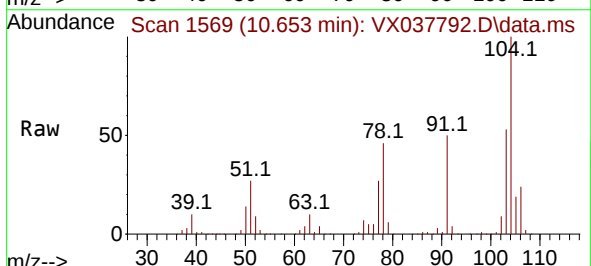
Manual Integrations
APPROVED

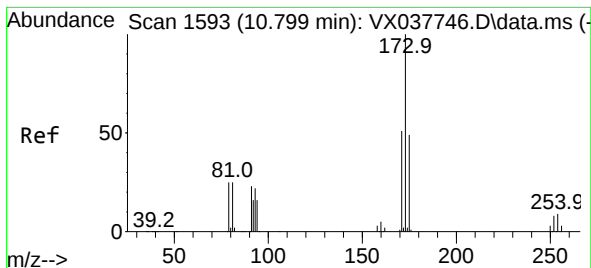
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#70
Styrene
Concen: 48.909 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion:104 Resp: 493711
Ion Ratio Lower Upper
104 100
78 50.2 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 51.431 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037792.D

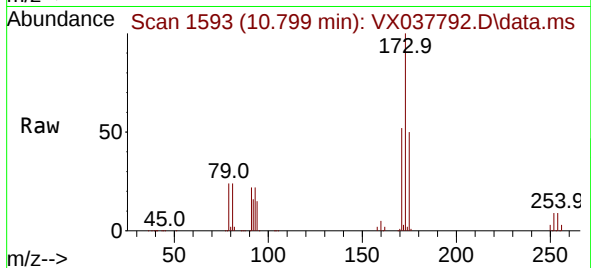
Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 13476

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

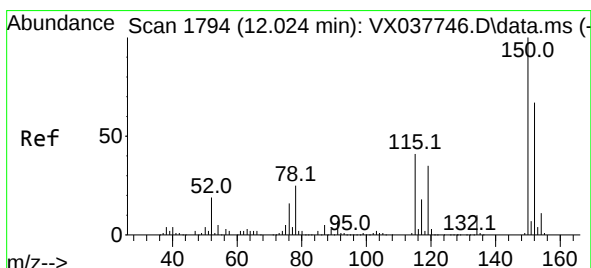
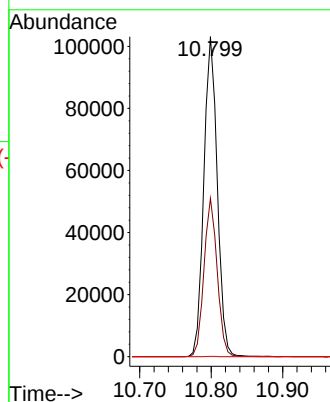
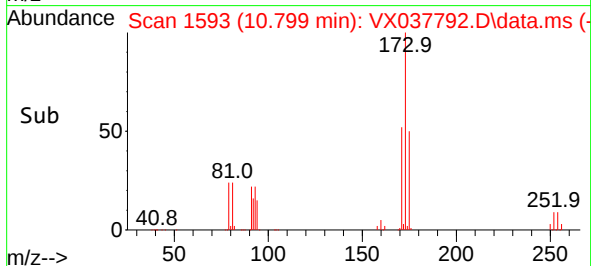
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

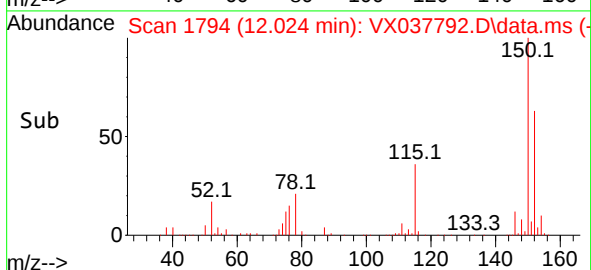
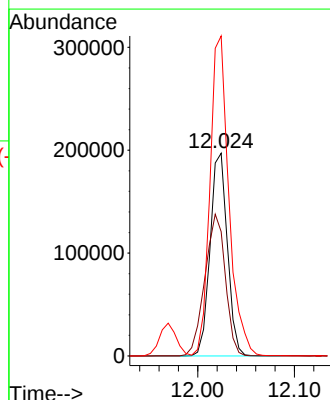
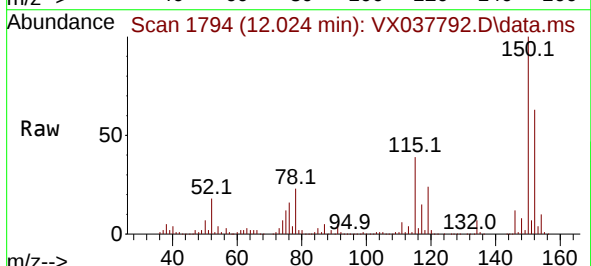
Tgt Ion:152 Resp: 243809

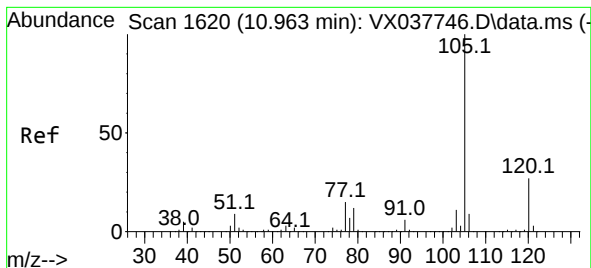
Ion Ratio Lower Upper

152 100

115 83.4 43.3 129.9

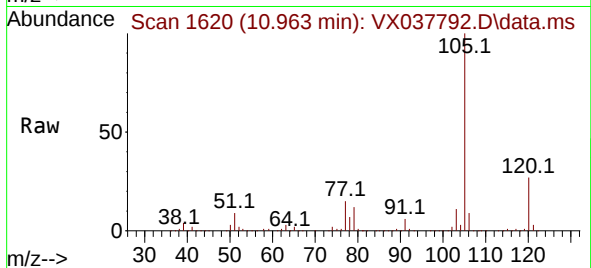
150 173.2 0.0 345.0





#73
Isopropylbenzene
Concen: 43.822 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

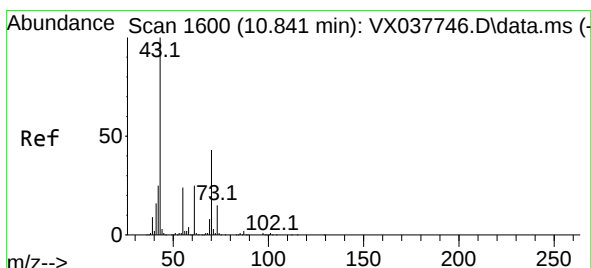
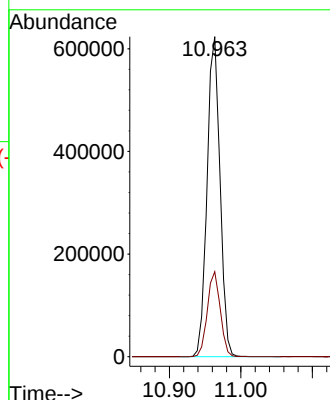
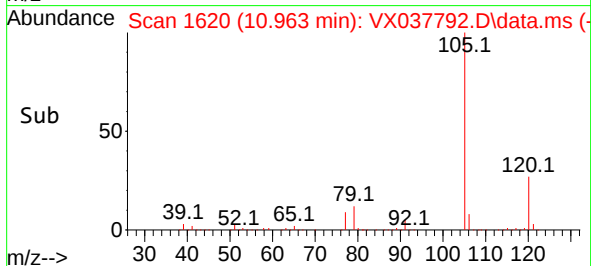
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



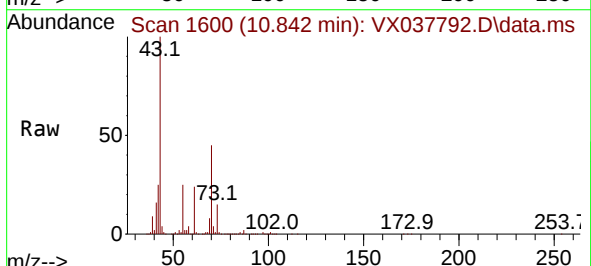
Tgt Ion:105 Resp: 78384
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

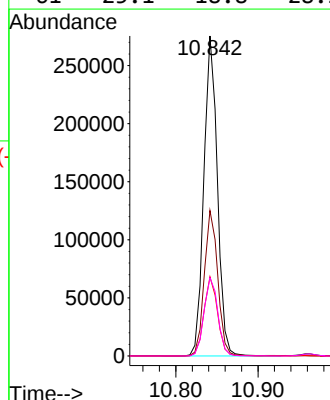
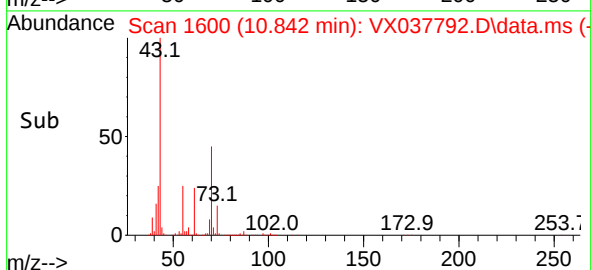
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

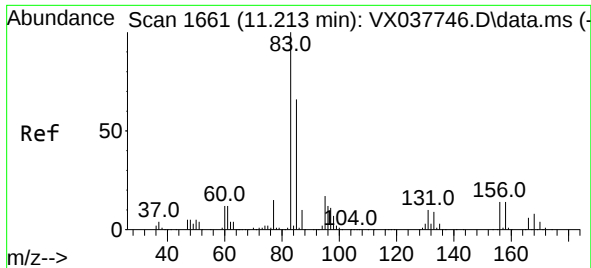


#74
N-ethyl acetate
Concen: 43.372 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



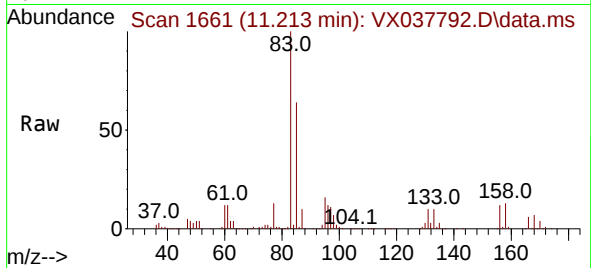
Tgt Ion: 43 Resp: 314187
Ion Ratio Lower Upper
43 100
70 45.4 32.9 49.3
55 25.0 19.3 28.9
61 25.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.345 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

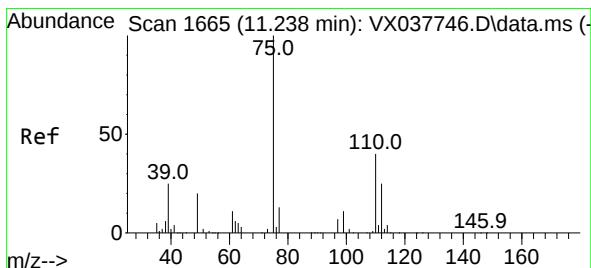
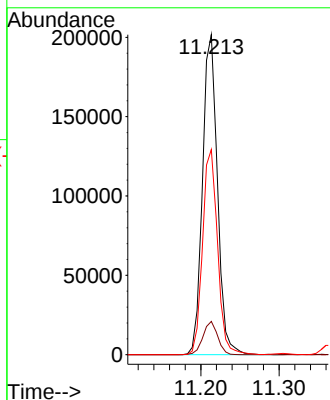
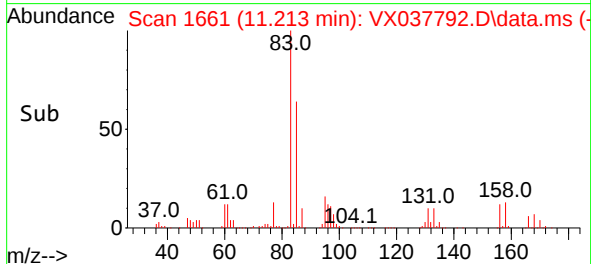
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



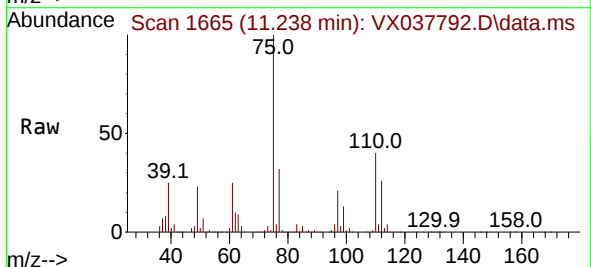
Tgt Ion: 83 Resp: 266379
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

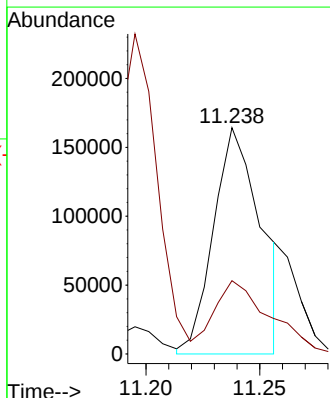
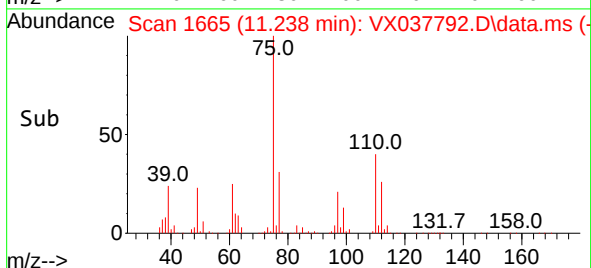
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

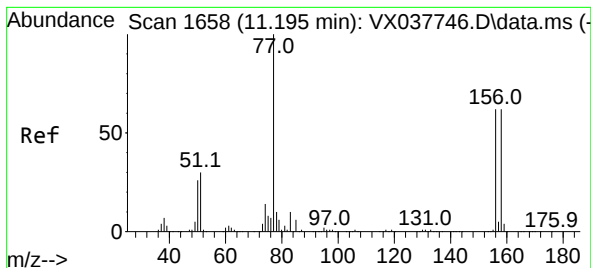


#76
1,2,3-Trichloropropane
Concen: 42.121 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



Tgt Ion: 75 Resp: 237524
Ion Ratio Lower Upper
75 100
77 38.4 19.1 57.5





#77

Bromobenzene

Concen: 43.753 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 193700

Ion Ratio Lower Upper

156 100

77 151.5 88.4 265.3

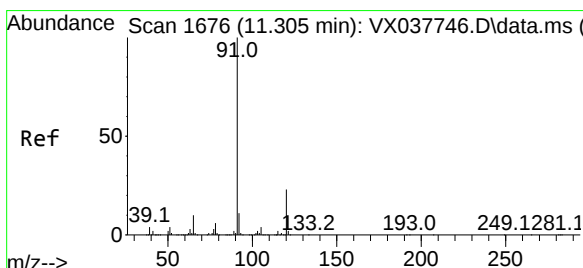
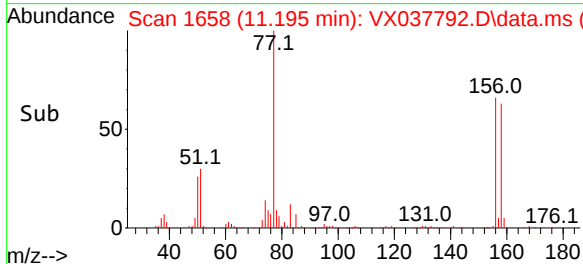
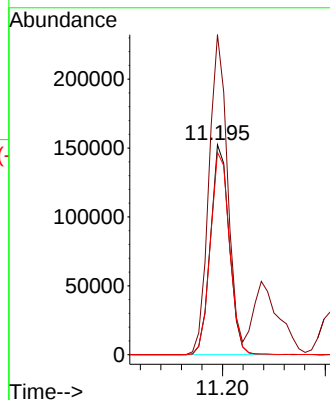
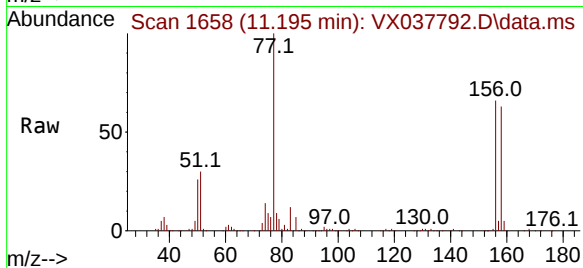
158 98.5 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#78

n-propylbenzene

Concen: 46.298 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037792.D

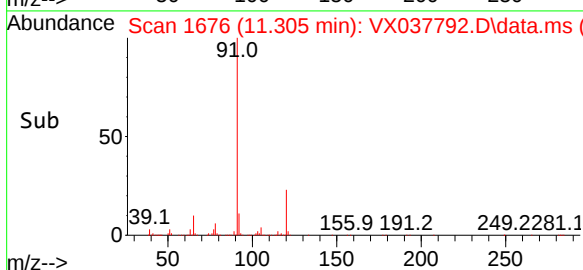
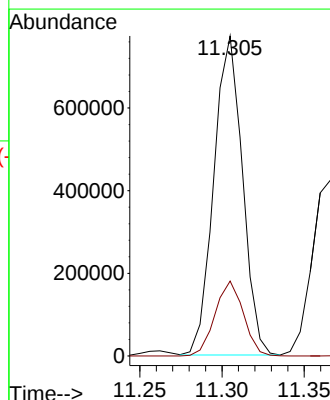
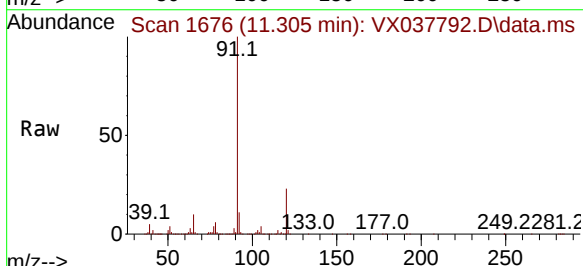
Acq: 19 Sep 2023 09:42

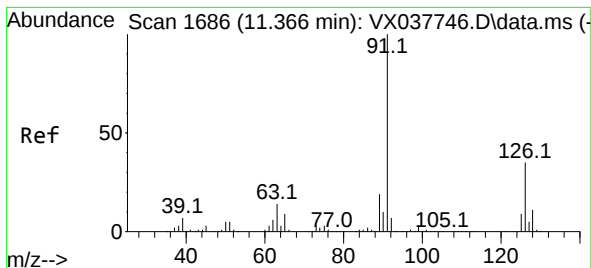
Tgt Ion: 91 Resp: 935261

Ion Ratio Lower Upper

91 100

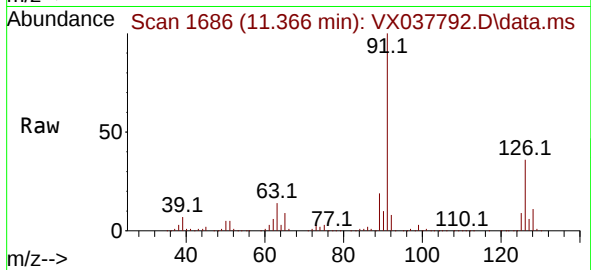
120 23.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 43.369 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

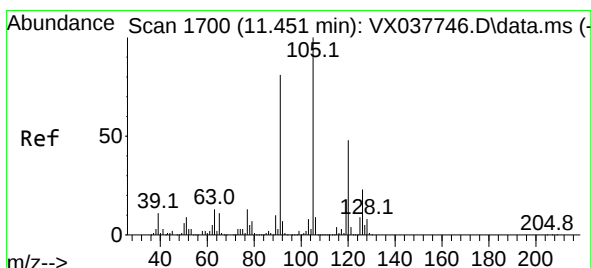
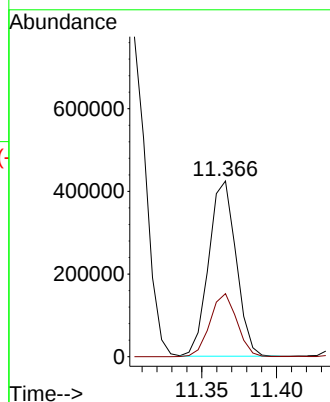
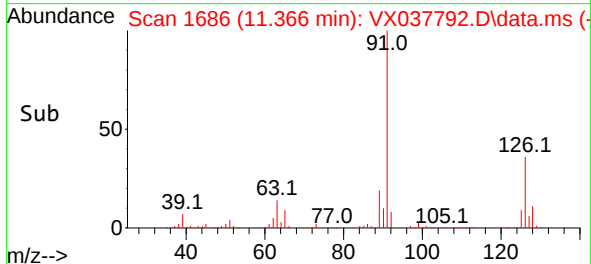
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



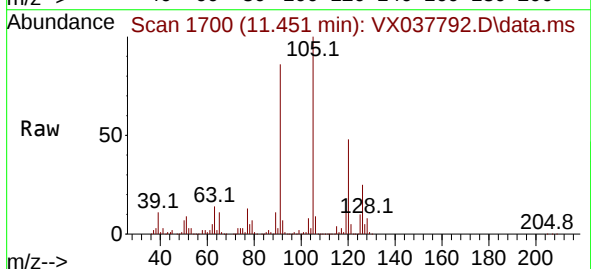
Tgt Ion: 91 Resp: 54017
Ion Ratio Lower Upper
91 100
126 35.3 16.3 48.8

Manual Integrations
APPROVED

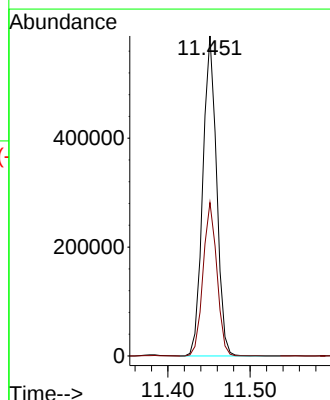
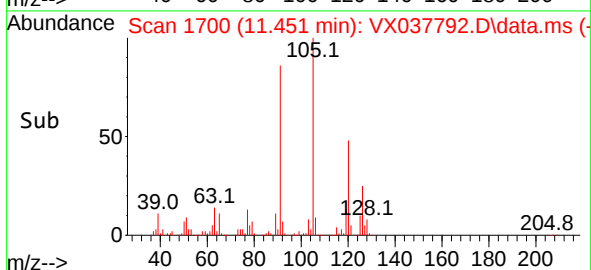
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

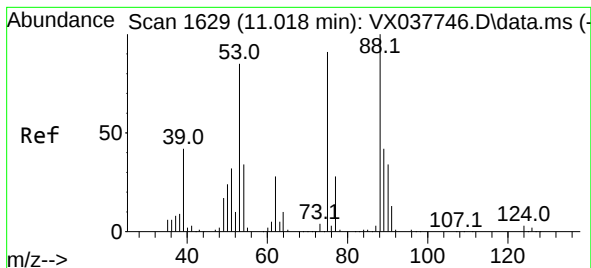


#80
1,3,5-Trimethylbenzene
Concen: 45.218 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



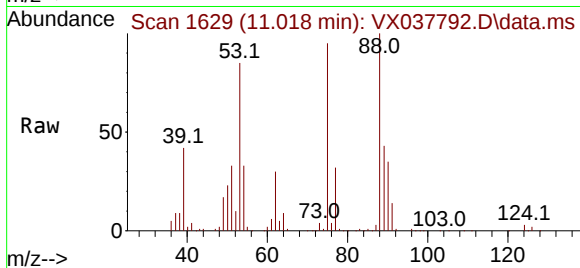
Tgt Ion:105 Resp: 683048
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.633 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

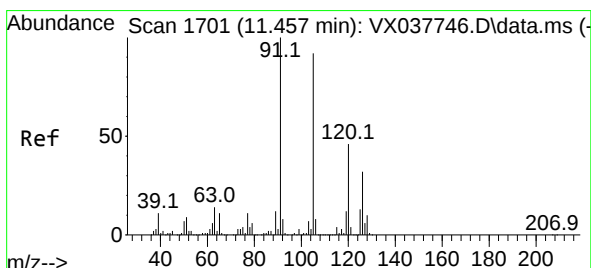
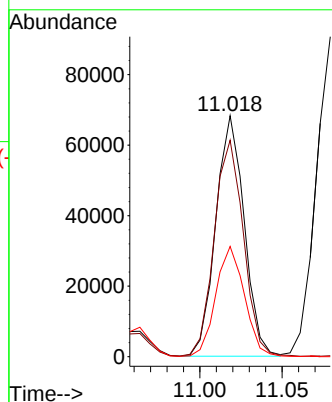
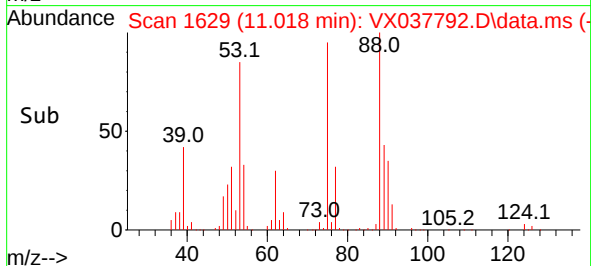
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8209
Ion Ratio Lower Upper
75 100
53 92.2 90.5 135.7
89 46.4 36.9 55.3

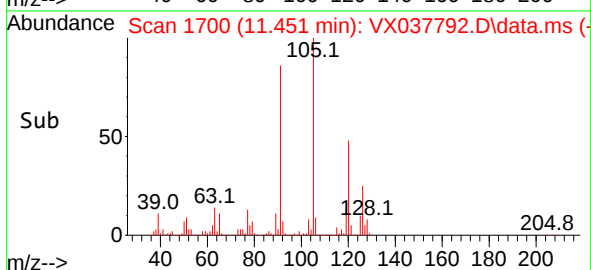
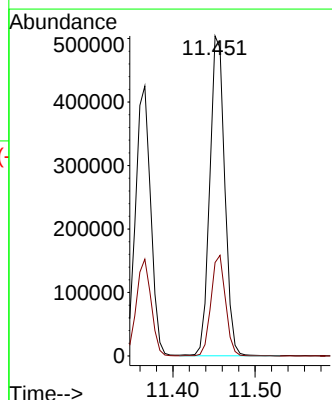
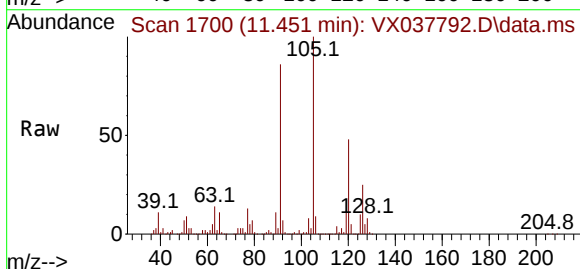
Manual Integrations
APPROVED

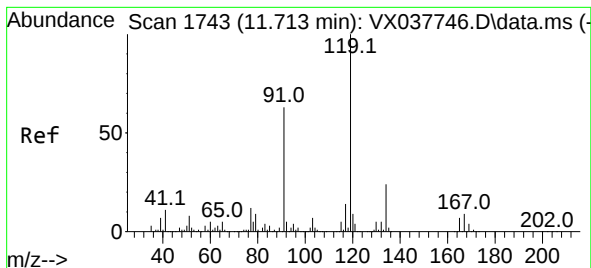
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#82
4-Chlorotoluene
Concen: 45.318 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

Tgt Ion: 91 Resp: 635473
Ion Ratio Lower Upper
91 100
126 30.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 44.110 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

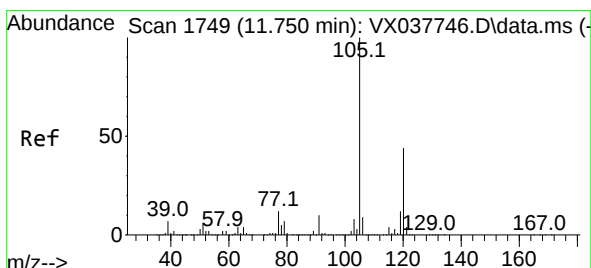
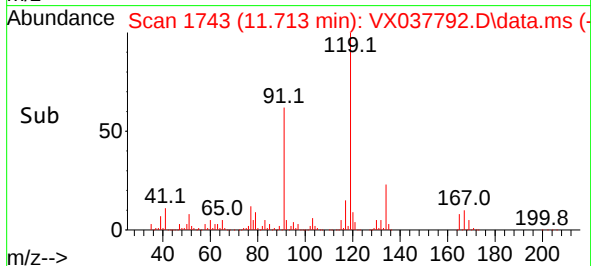
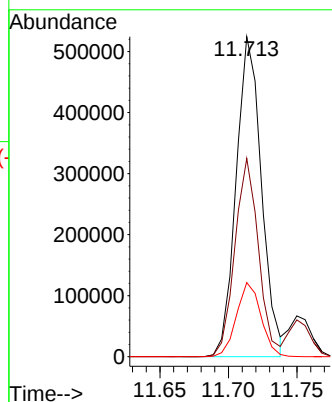
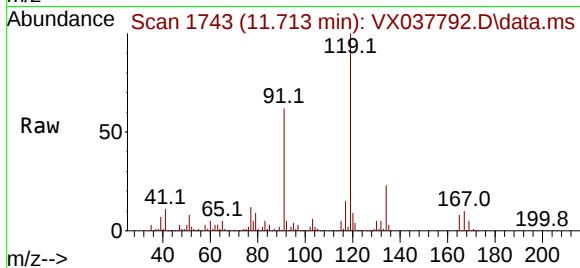
Tgt Ion:	119	Resp:	67341
Ion Ratio	Lower	Upper	
119	100		
91	57.9	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 45.263 ug/l

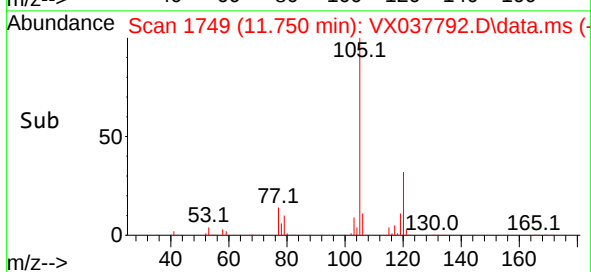
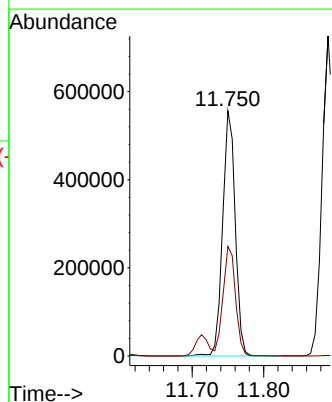
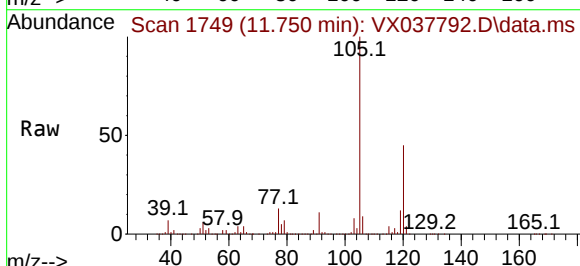
RT: 11.750 min Scan# 1749

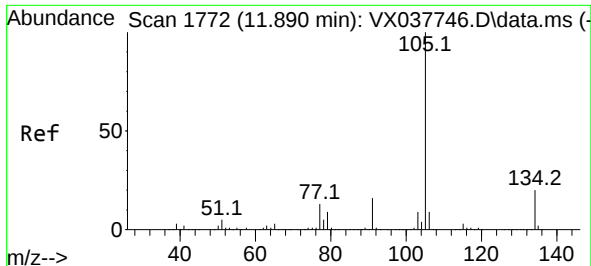
Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

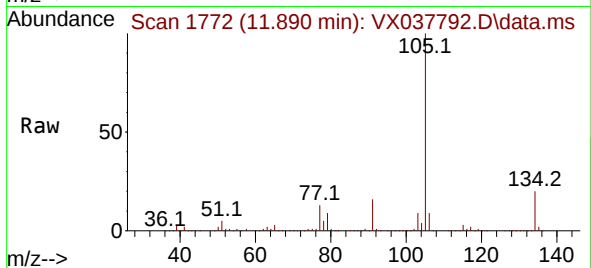
Tgt Ion:	105	Resp:	680271
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 46.768 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037792.D
 Acq: 19 Sep 2023 09:42

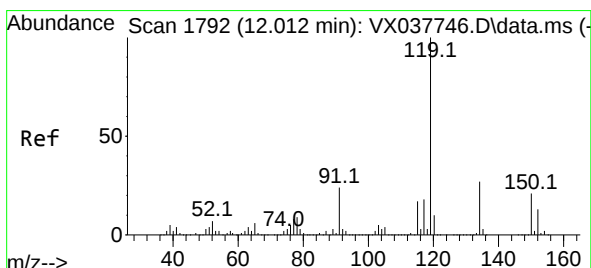
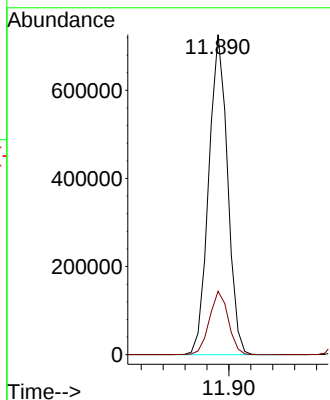
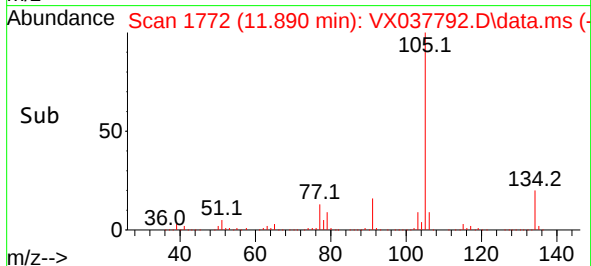
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



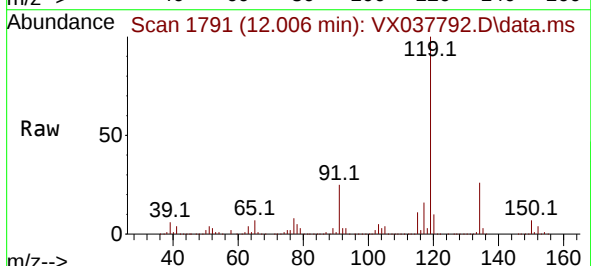
Tgt Ion:105 Resp: 866224
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
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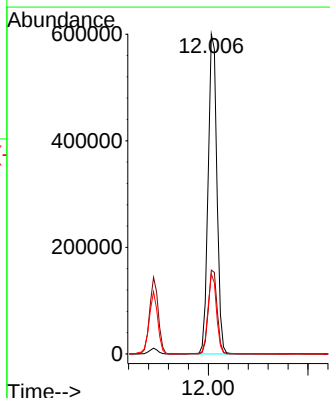
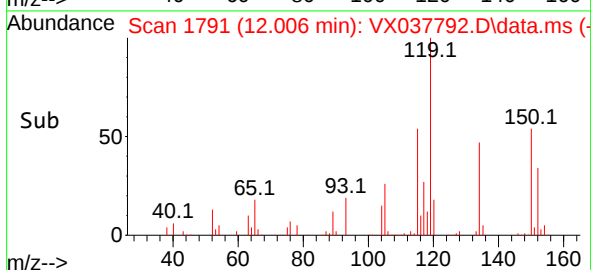
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023

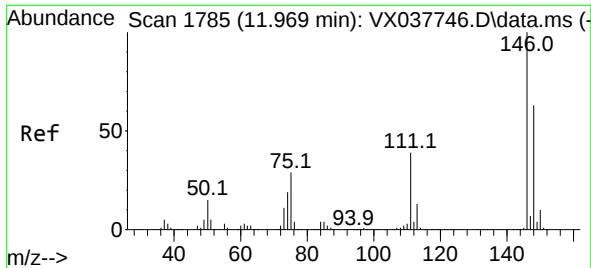


#86
 p-Isopropyltoluene
 Concen: 47.442 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037792.D
 Acq: 19 Sep 2023 09:42



Tgt Ion:119 Resp: 732089
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.926 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 37901

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

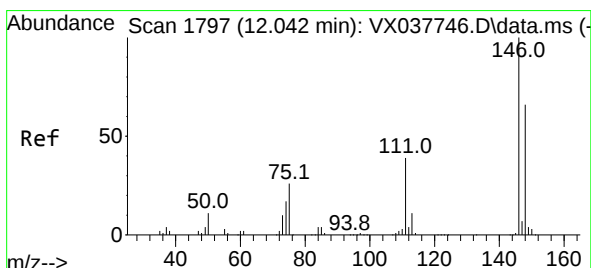
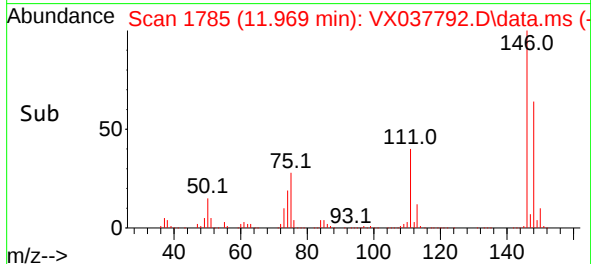
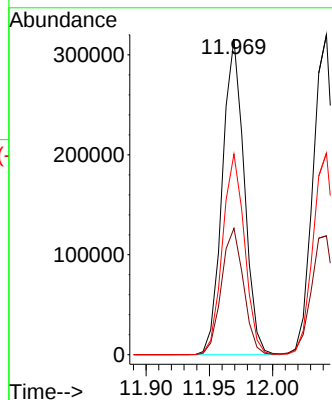
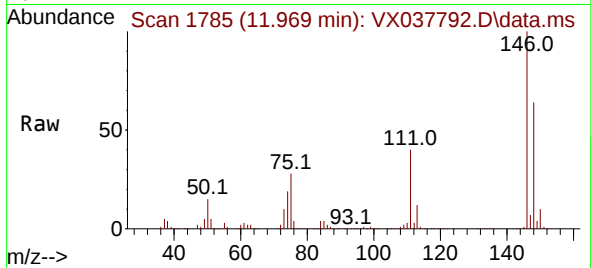
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#88

1,4-Dichlorobenzene

Concen: 45.581 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

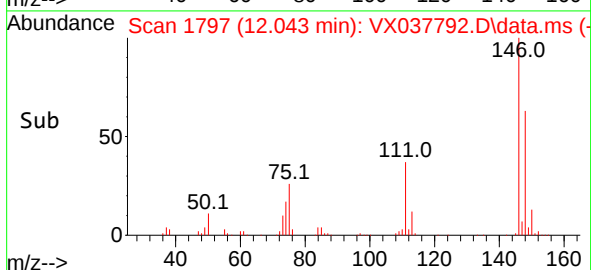
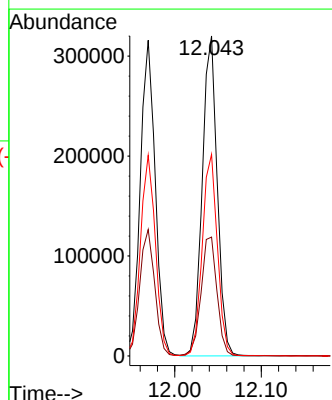
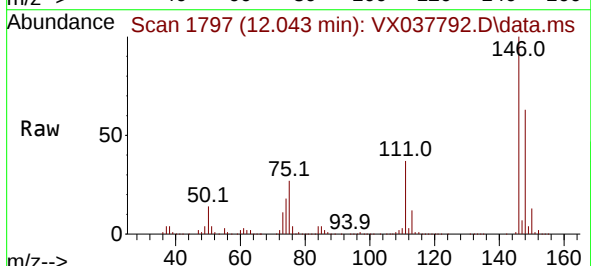
Tgt Ion:146 Resp: 384928

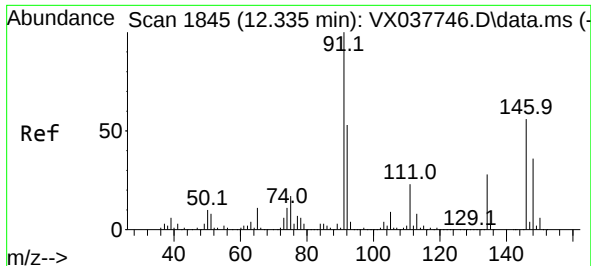
Ion Ratio Lower Upper

146 100

111 39.6 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 50.980 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 68916

Ion Ratio Lower Upper

91 100

92 52.4 27.4 82.0

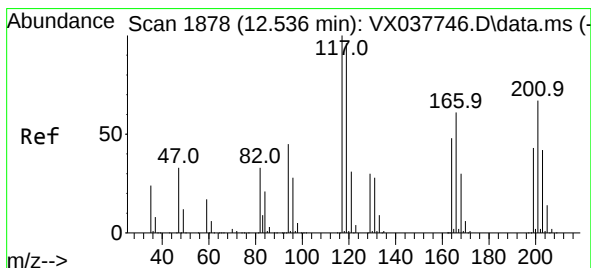
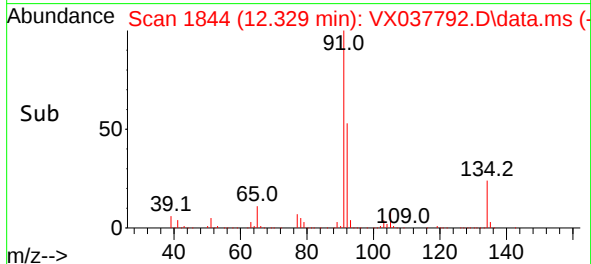
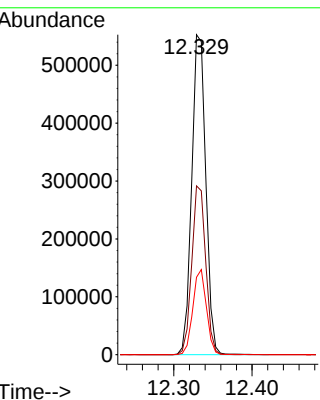
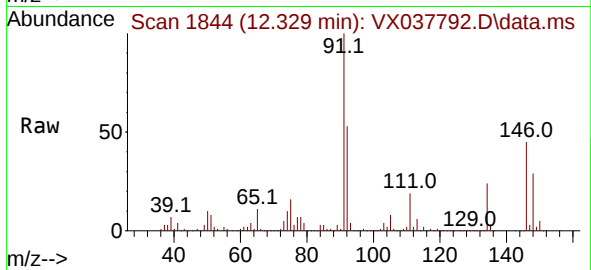
134 25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#90

Hexachloroethane

Concen: 49.164 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037792.D

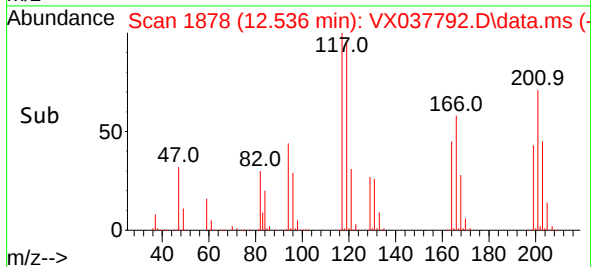
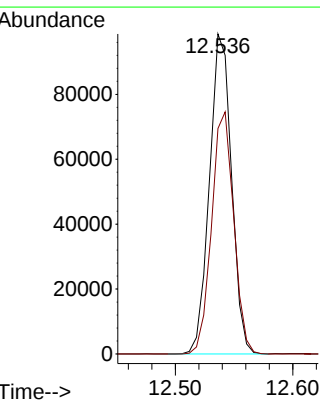
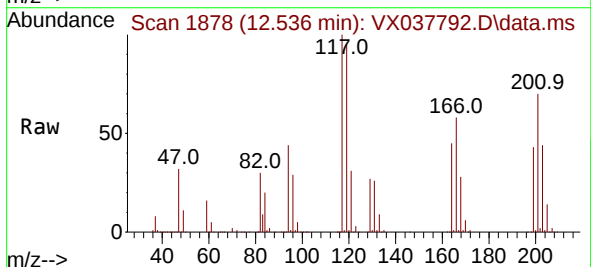
Acq: 19 Sep 2023 09:42

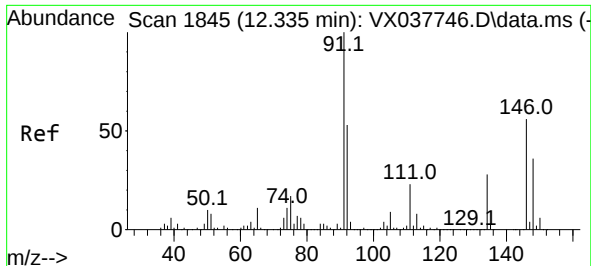
Tgt Ion:117 Resp: 128544

Ion Ratio Lower Upper

117 100

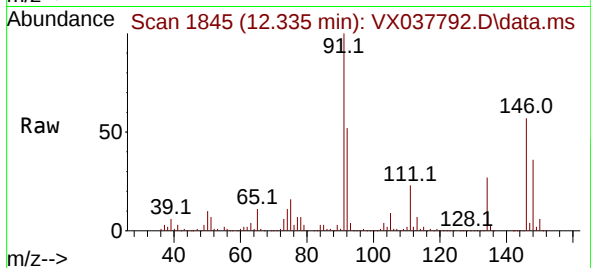
201 75.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 44.635 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

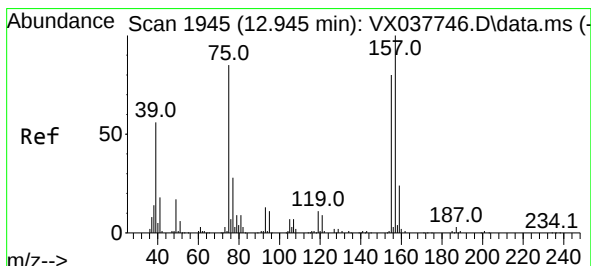
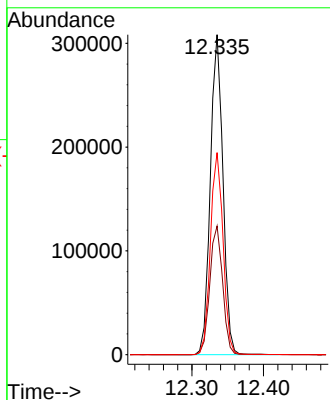
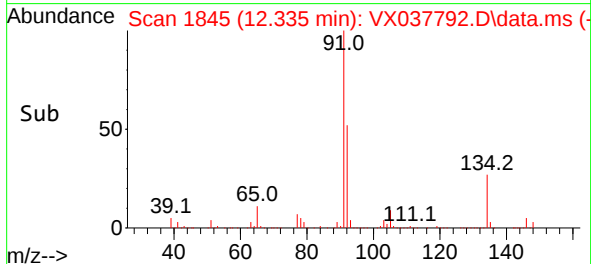
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



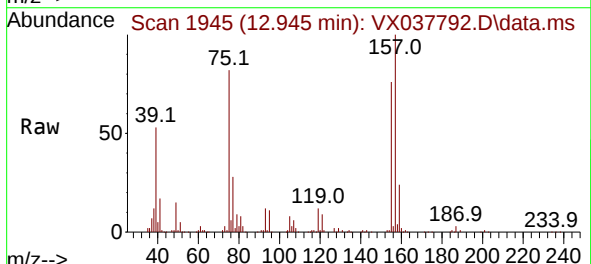
Tgt Ion:146 Resp: 376090
Ion Ratio Lower Upper
146 100
111 41.0 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

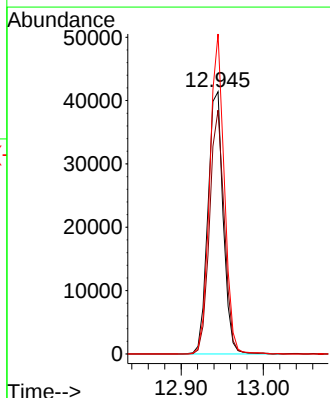
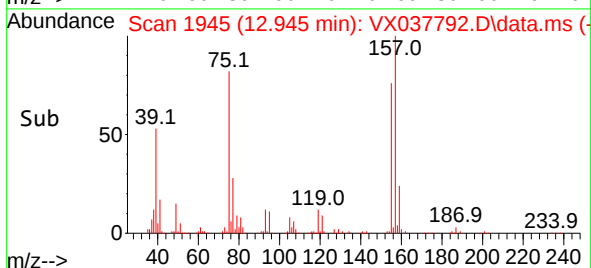
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

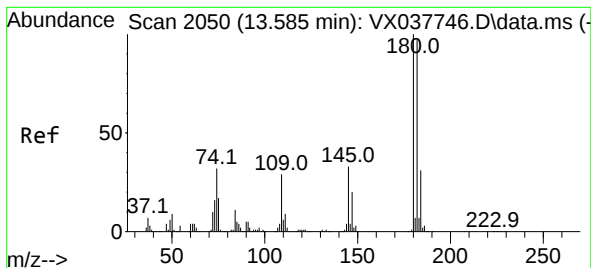


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.471 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



Tgt Ion: 75 Resp: 53257
Ion Ratio Lower Upper
75 100
155 89.9 36.1 108.5
157 116.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.249 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

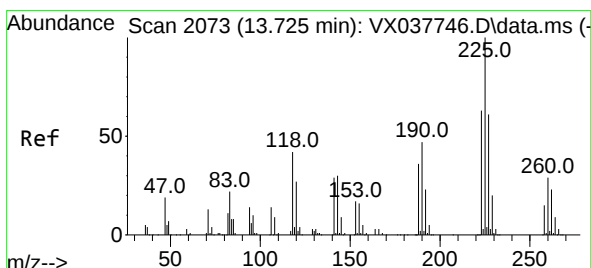
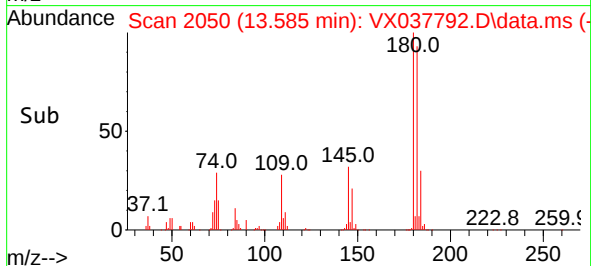
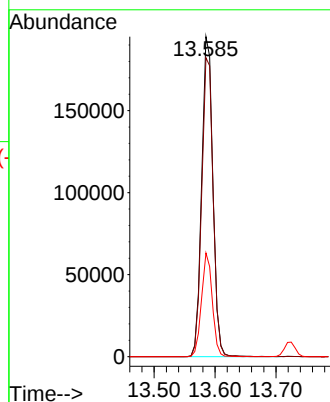
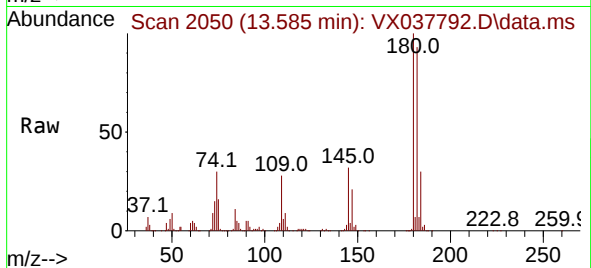
Tgt Ion:	180	Resp:	24940
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.3	144.8
145	31.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#94

Hexachlorobutadiene

Concen: 49.839 ug/l

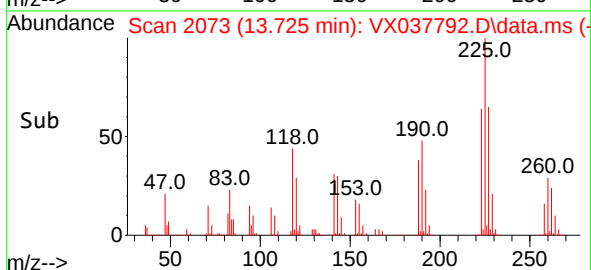
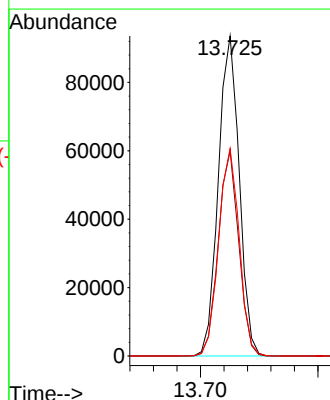
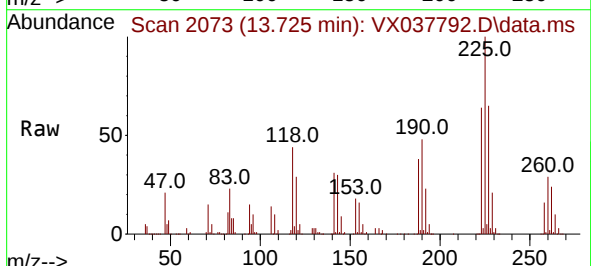
RT: 13.725 min Scan# 2073

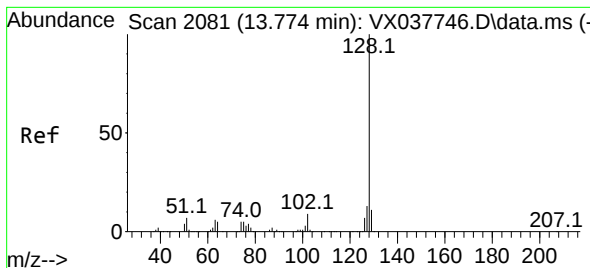
Delta R.T. -0.000 min

Lab File: VX037792.D

Acq: 19 Sep 2023 09:42

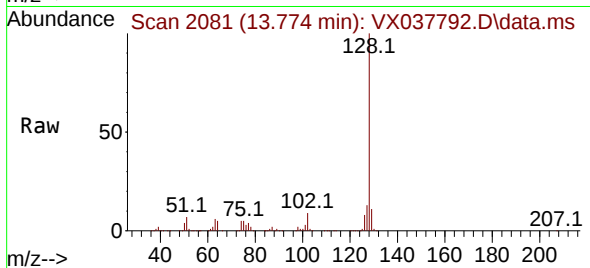
Tgt Ion:	225	Resp:	115517
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	63.9	32.5	97.5





#95
Naphthalene
Concen: 45.845 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42

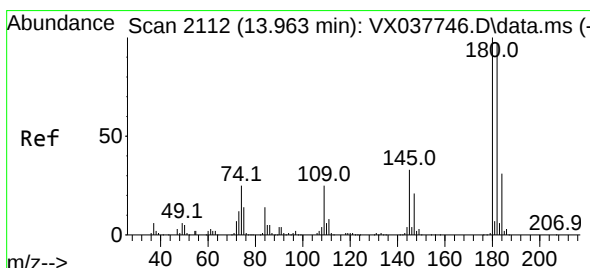
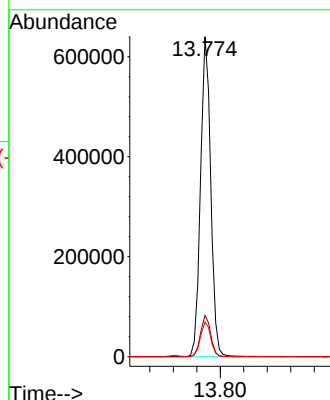
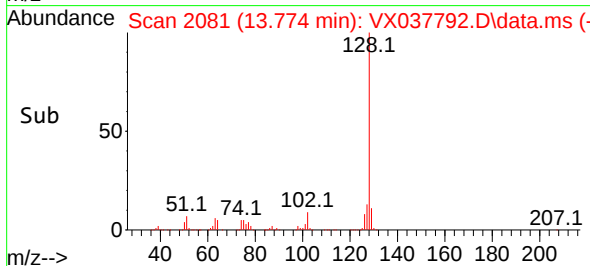
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



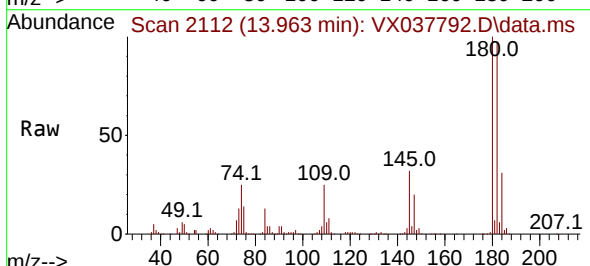
Tgt Ion:128 Resp: 769540
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.876 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037792.D
Acq: 19 Sep 2023 09:42



Tgt Ion:180 Resp: 244536
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 33.1 17.8 53.5

