

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037746.D
 Acq On : 15 Sep 2023 10:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 04:29:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	259344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	430033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170017	49.897	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.800%
35) Dibromofluoromethane	5.385	113	145313	50.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	8.647	98	546543	51.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.240%
62) 4-Bromofluorobenzene	11.079	95	196656	50.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	134265	49.117	ug/l	99
3) Chloromethane	1.300	50	137461	46.217	ug/l	97
4) Vinyl Chloride	1.374	62	157573	49.108	ug/l	98
5) Bromomethane	1.599	94	115789	50.406	ug/l	97
6) Chloroethane	1.678	64	106087	47.992	ug/l	99
7) Trichlorofluoromethane	1.886	101	259698	50.343	ug/l	99
8) Diethyl Ether	2.136	74	96376	48.223	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	130109	49.699	ug/l	97
10) Methyl Iodide	2.453	142	179570	51.831	ug/l	93
11) Tert butyl alcohol	2.965	59	176968	241.962	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	126487	49.992	ug/l	86
13) Acrolein	2.239	56	175380	242.726	ug/l	99
14) Allyl chloride	2.666	41	207806	49.314	ug/l	# 95
15) Acrylonitrile	3.062	53	404033	248.462	ug/l	99
16) Acetone	2.380	43	375160	228.873	ug/l	# 89
17) Carbon Disulfide	2.514	76	316209	49.847	ug/l	99
18) Methyl Acetate	2.703	43	289189	48.906	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	455989	48.992	ug/l	100
20) Methylene Chloride	2.788	84	150172	49.554	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	140549	50.026	ug/l	90
22) Diisopropyl ether	3.763	45	437172	49.805	ug/l	# 85
23) Vinyl Acetate	3.721	43	1646586	255.031	ug/l	95
24) 1,1-Dichloroethane	3.611	63	257515	48.958	ug/l	99
25) 2-Butanone	4.556	43	567078	245.222	ug/l	# 90
26) 2,2-Dichloropropane	4.477	77	209137	49.207	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	171445	49.776	ug/l	89
28) Bromochloromethane	4.897	49	117007	47.683	ug/l	# 83
29) Tetrahydrofuran	5.007	42	358180	248.957	ug/l	89
30) Chloroform	5.092	83	280064	49.427	ug/l	97
31) Cyclohexane	5.470	56	222993	50.989	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	245770	51.226	ug/l	97
36) 1,1-Dichloropropene	5.696	75	197883	49.923	ug/l	96
37) Ethyl Acetate	4.714	43	217161	51.031	ug/l	97
38) Carbon Tetrachloride	5.678	117	212170	51.159	ug/l	97
39) Methylcyclohexane	7.379	83	253272	50.346	ug/l	94
40) Benzene	6.037	78	605328	49.662	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	110678	49.813	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	215577	48.785	ug/l	96
43) Isopropyl Acetate	6.342	43	353314	50.707	ug/l	96
44) Trichloroethene	7.129	130	161598	47.606	ug/l	97
45) 1,2-Dichloropropane	7.433	63	155431	49.103	ug/l	99
46) Dibromomethane	7.580	93	114355	50.222	ug/l	93
47) Bromodichloromethane	7.824	83	216033	51.515	ug/l	97
48) Methyl methacrylate	7.696	41	169547	50.902	ug/l #	87
49) 1,4-Dioxane	7.659	88	84402	966.542	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	1114690	252.149	ug/l	94
52) Toluene	8.720	92	398453	50.723	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	232974	53.372	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	251705	51.867	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	167342	50.526	ug/l	95
56) Ethyl methacrylate	9.116	69	255142	51.602	ug/l	91
57) 1,3-Dichloropropane	9.311	76	266525	49.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	568955	246.430	ug/l	99
59) 2-Hexanone	9.433	43	864988	251.303	ug/l	94
60) Dibromochloromethane	9.525	129	174770	52.971	ug/l	100
61) 1,2-Dibromoethane	9.610	107	179632	51.226	ug/l	99
64) Tetrachloroethene	9.275	164	135780	48.450	ug/l	96
65) Chlorobenzene	10.079	112	429927	48.504	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	162476	51.725	ug/l	99
67) Ethyl Benzene	10.195	91	769315	50.061	ug/l	99
68) m/p-Xylenes	10.299	106	600485	101.121	ug/l	97
69) o-Xylene	10.640	106	299129	50.233	ug/l	97
70) Styrene	10.652	104	494103	51.686	ug/l	96
71) Bromoform	10.799	173	130939	52.834	ug/l #	100
73) Isopropylbenzene	10.963	105	776441	51.577	ug/l	98
74) N-amyl acetate	10.841	43	319637	52.428	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	262045	49.495	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	241946m	48.182	ug/l	
77) Bromobenzene	11.195	156	187998	50.455	ug/l	89
78) n-propylbenzene	11.305	91	898303	52.838	ug/l	99
79) 2-Chlorotoluene	11.366	91	531369	50.690	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	664087	52.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79232	53.480	ug/l	89
82) 4-Chlorotoluene	11.457	91	608183	51.534	ug/l	96
83) tert-Butylbenzene	11.713	119	671758	52.282	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	658015	52.022	ug/l	98
85) sec-Butylbenzene	11.890	105	822306	52.752	ug/l	99
86) p-Isopropyltoluene	12.012	119	681771	52.579	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	345898	49.801	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	344312	48.586	ug/l	97
89) n-Butylbenzene	12.335	91	604859	53.164	ug/l	97
90) Hexachloroethane	12.536	117	117268	53.292	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	346286	48.832	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55489	52.579	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	213559	51.125	ug/l	98
94) Hexachlorobutadiene	13.725	225	99452	51.017	ug/l	98
95) Naphthalene	13.774	128	738377	52.266	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	217481	50.592	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

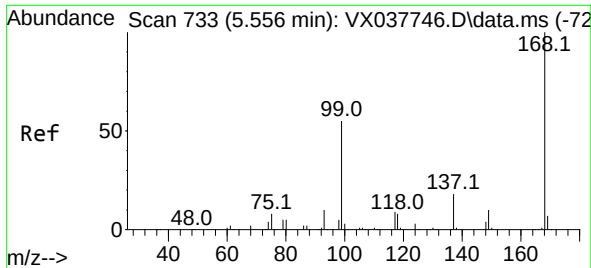
Quant Time: Sep 16 04:29:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:24:04 2023
Response via : Initial Calibration

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

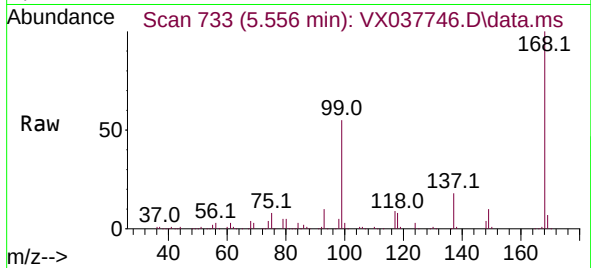
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037746.D
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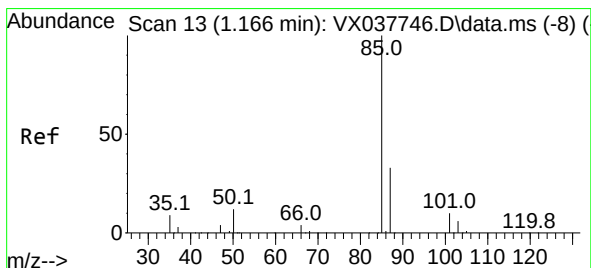
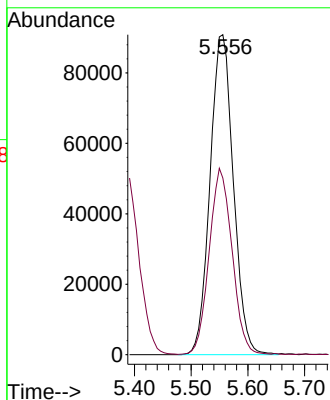
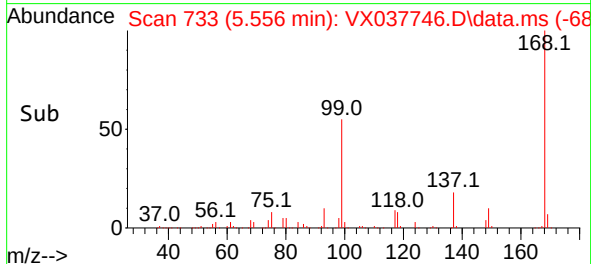
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 259344
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0

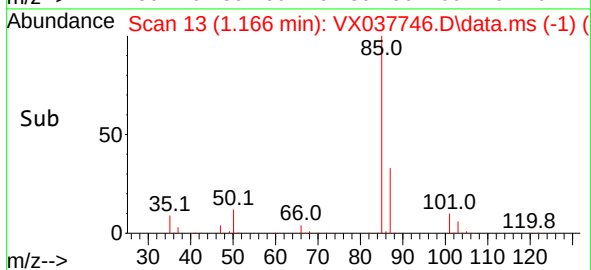
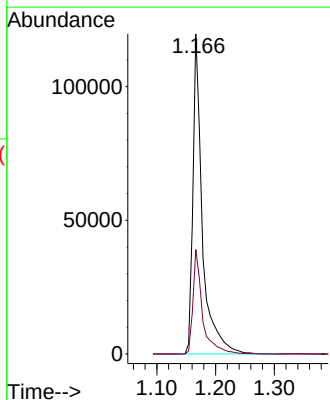
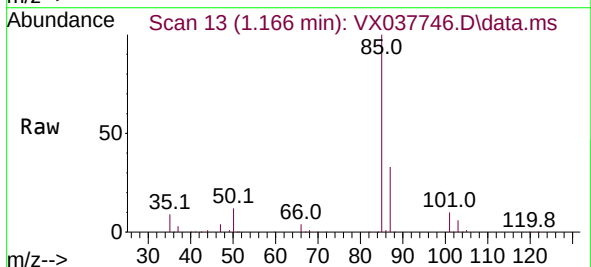
Manual Integrations
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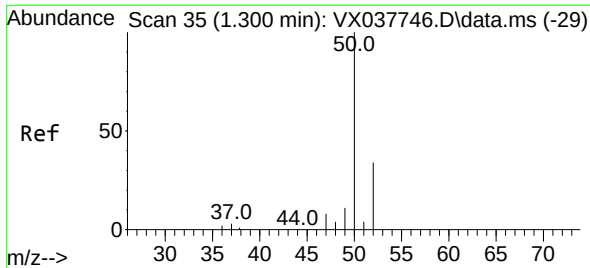
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#2
Dichlorodifluoromethane
Concen: 49.117 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion: 85 Resp: 134265
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





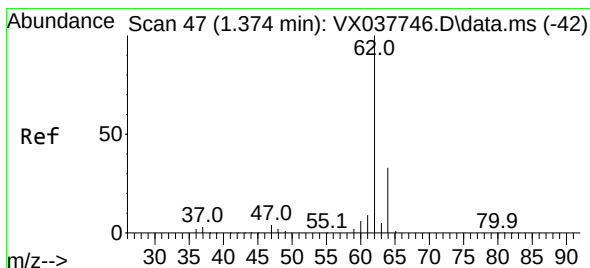
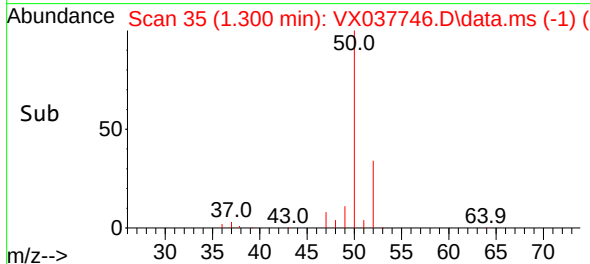
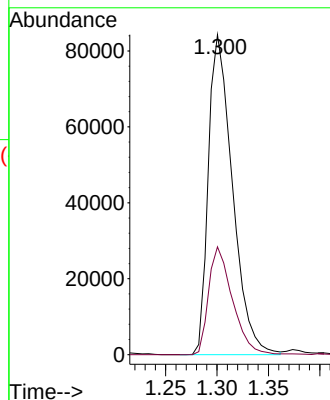
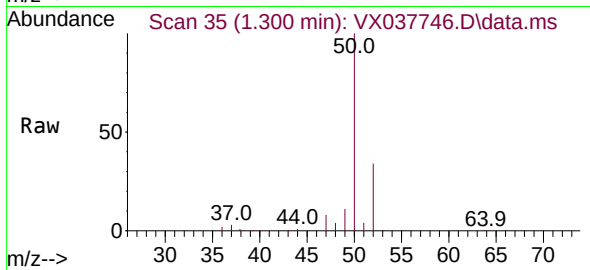
#3
Chloromethane
Concen: 46.217 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 137463
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

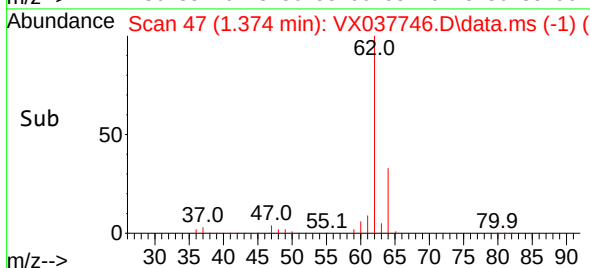
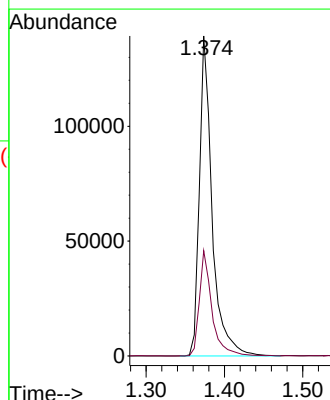
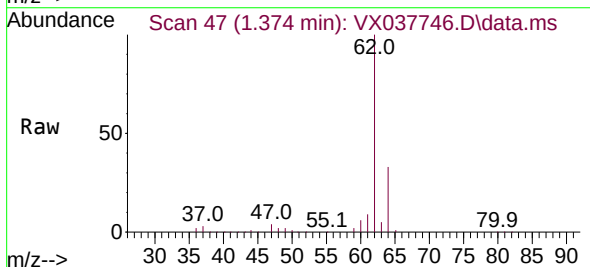
Manual Integrations
APPROVED

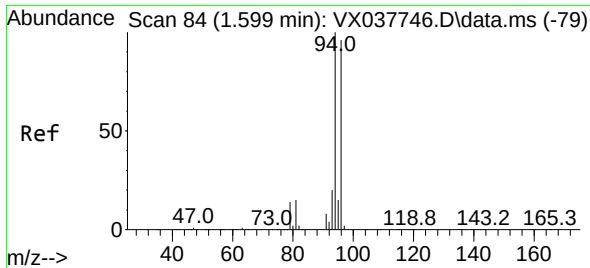
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#4
Vinyl Chloride
Concen: 49.108 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

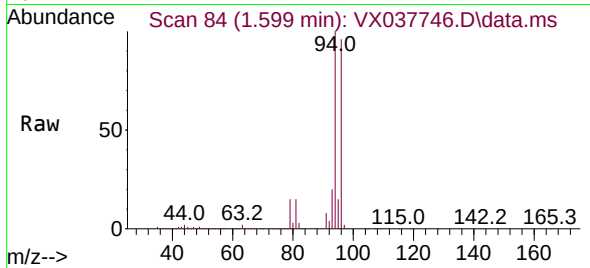
Tgt Ion: 62 Resp: 157573
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 50.406 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

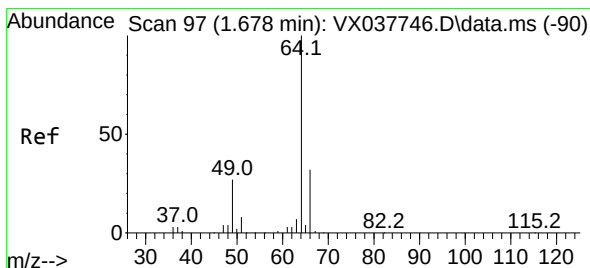
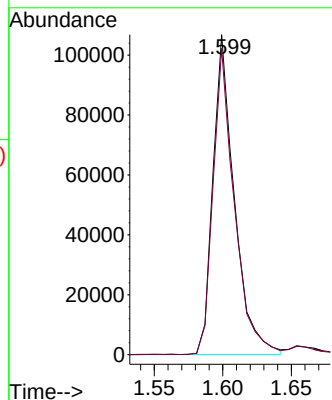
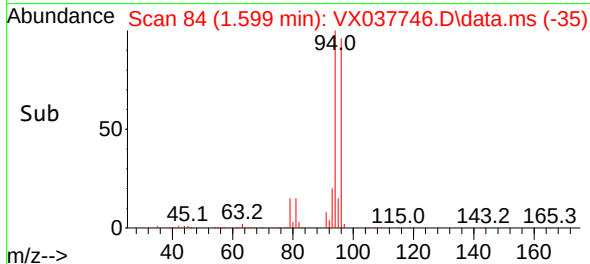
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 115789
Ion Ratio Lower Upper
94 100
96 95.7 74.6 111.8

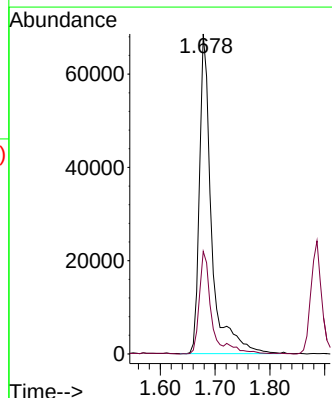
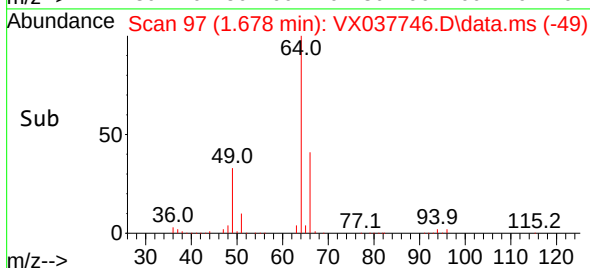
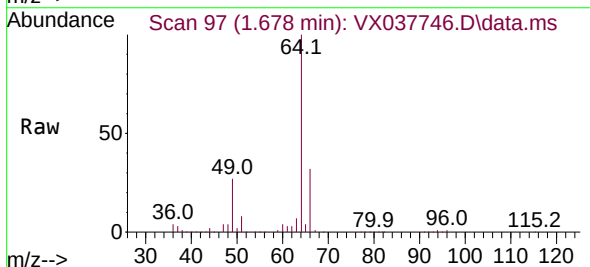
Manual Integrations
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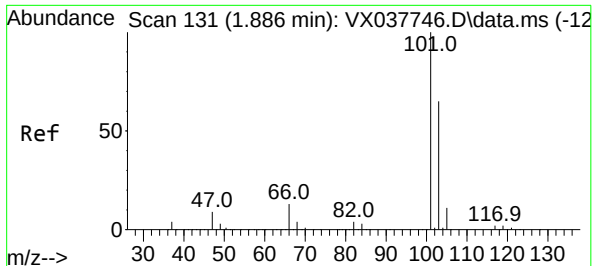
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#6
Chloroethane
Concen: 47.992 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

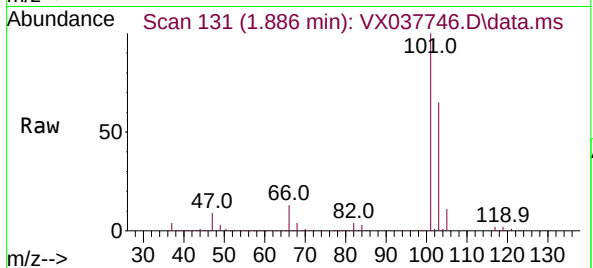
Tgt Ion: 64 Resp: 106087
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.343 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

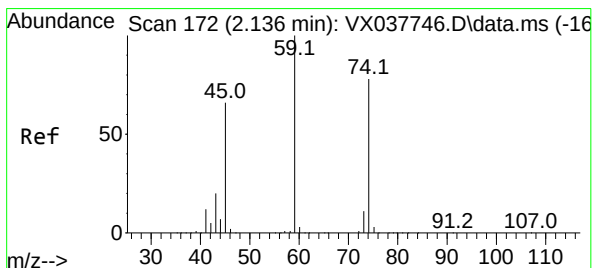
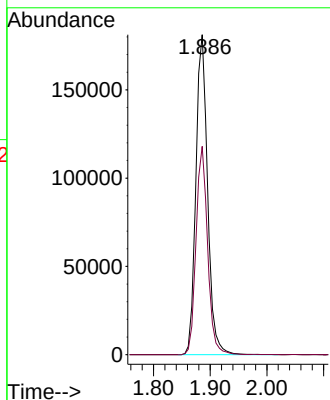
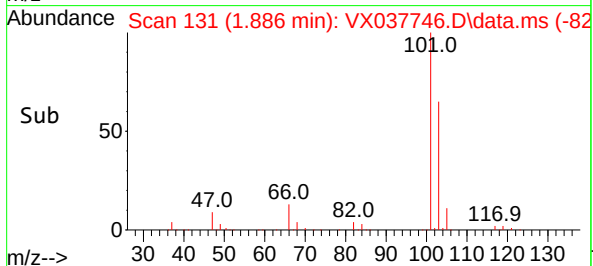
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 259698
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

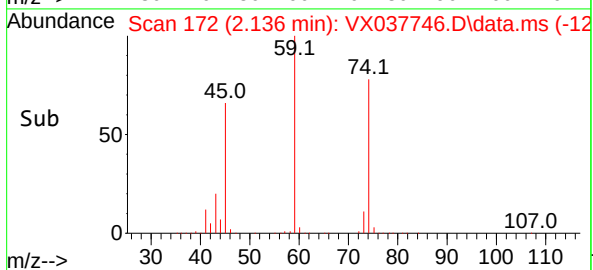
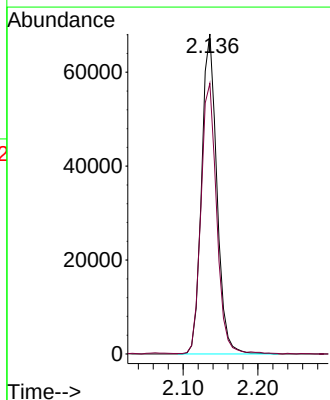
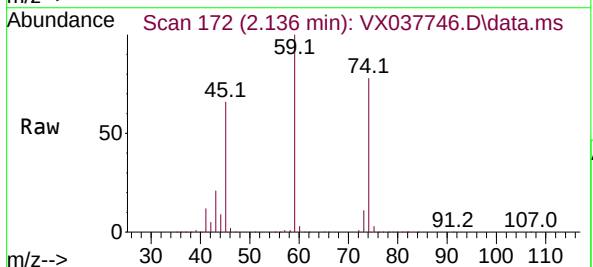
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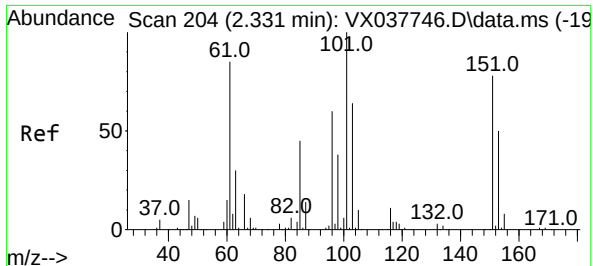
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#8
Diethyl Ether
Concen: 48.223 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

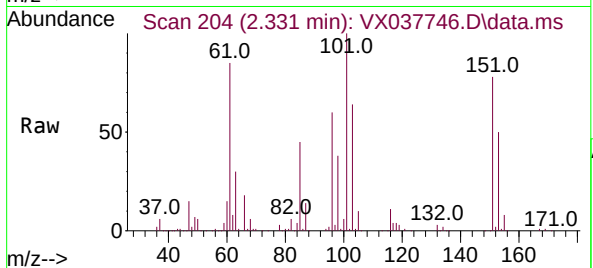
Tgt Ion: 74 Resp: 96376
Ion Ratio Lower Upper
74 100
45 87.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.699 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

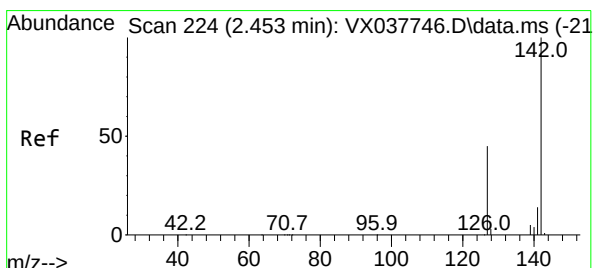
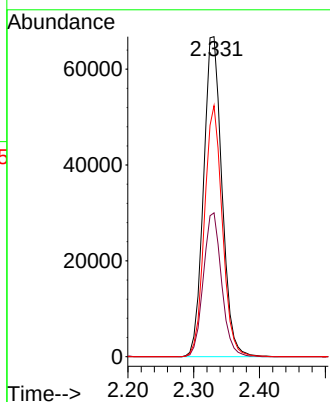
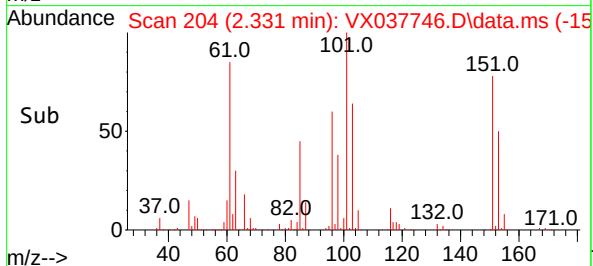
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 130109
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 76.0 58.6 87.8

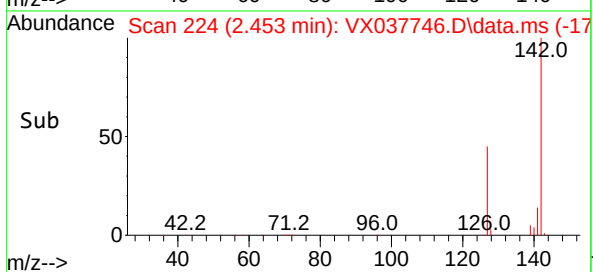
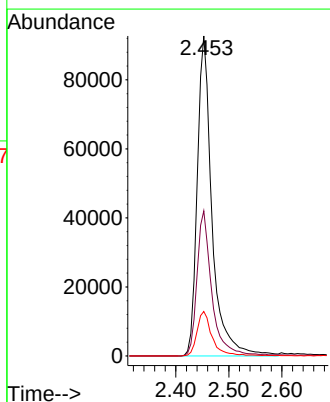
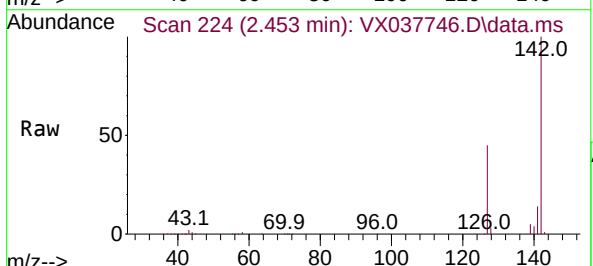
Manual Integrations
APPROVED

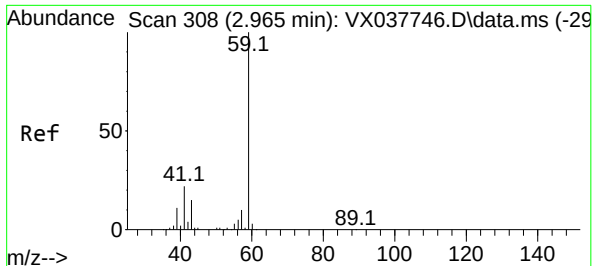
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 51.831 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

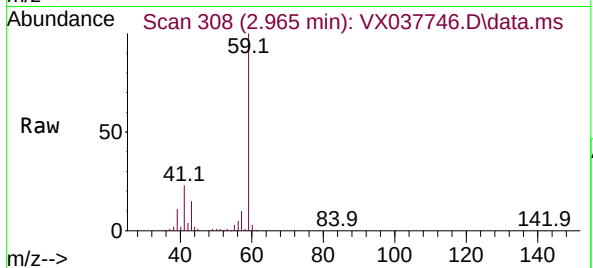
Tgt Ion:142 Resp: 179570
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 241.962 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

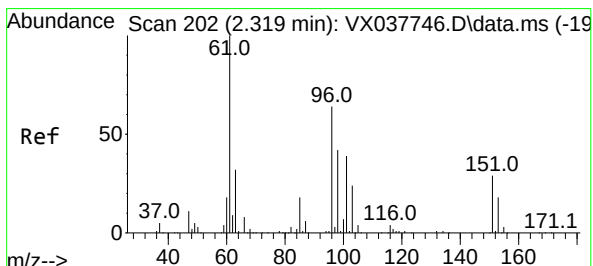
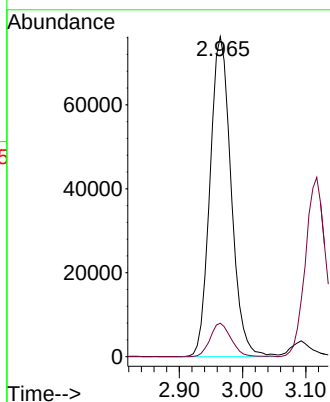
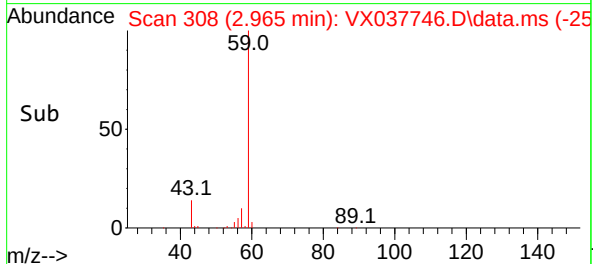
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



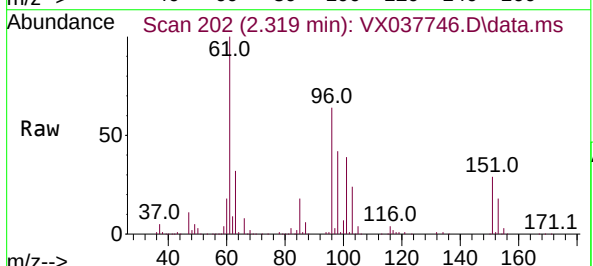
Tgt Ion: 59 Resp: 176968
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

Manual Integrations
APPROVED

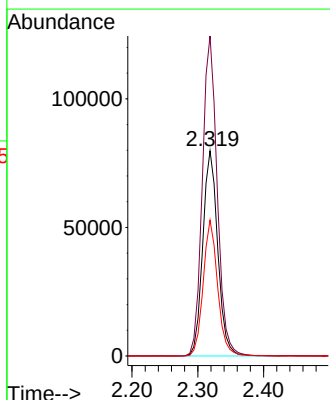
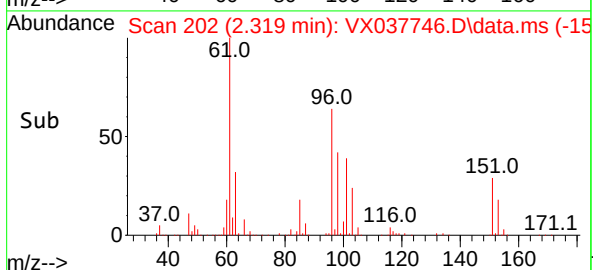
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

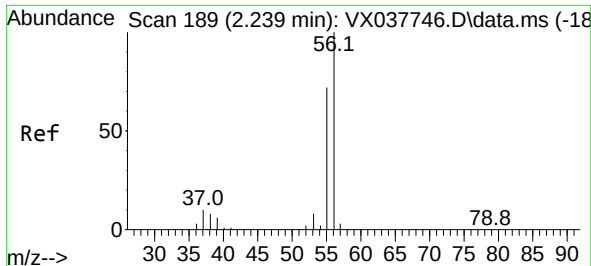


#12
1,1-Dichloroethene
Concen: 49.992 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13



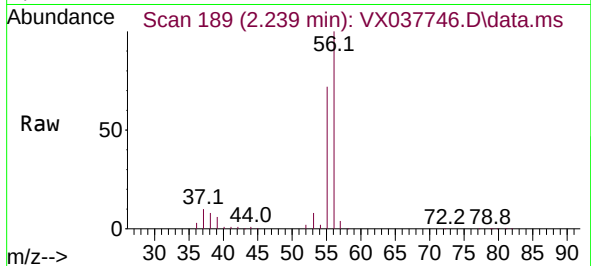
Tgt Ion: 96 Resp: 126487
Ion Ratio Lower Upper
96 100
61 155.9 144.6 216.8
98 66.2 50.4 75.6





#13
Acrolein
Concen: 242.726 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

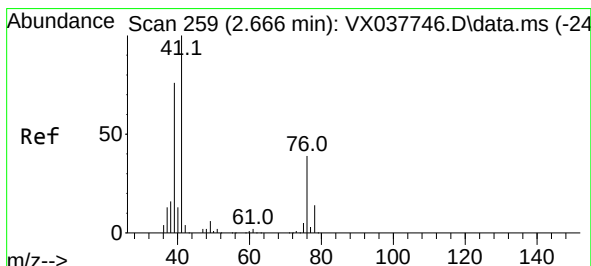
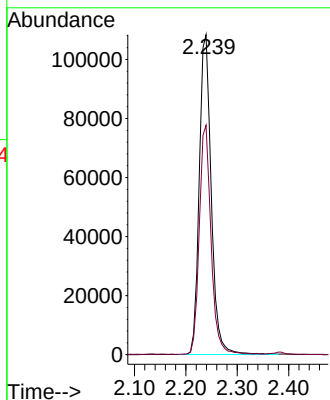
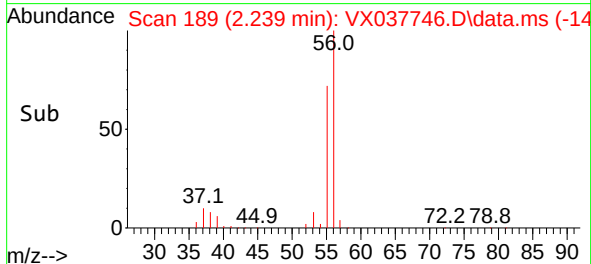
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 175380
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

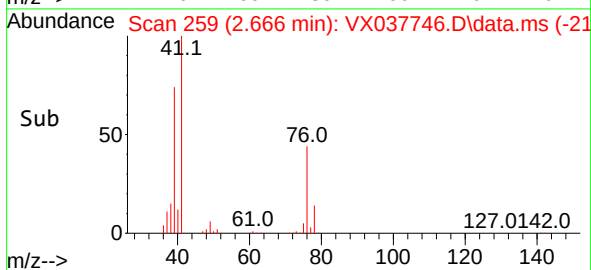
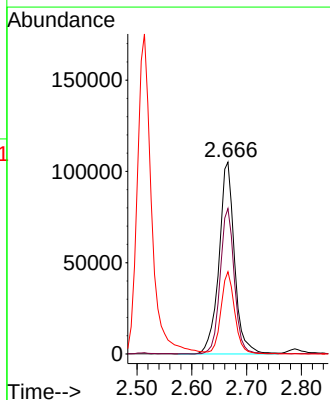
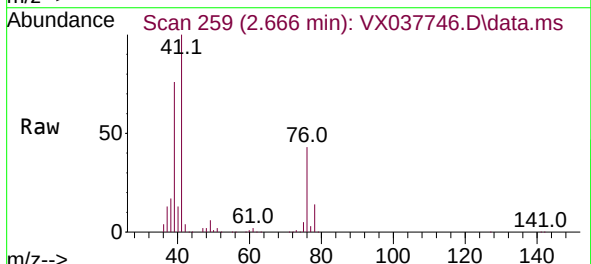
Manual Integrations
APPROVED

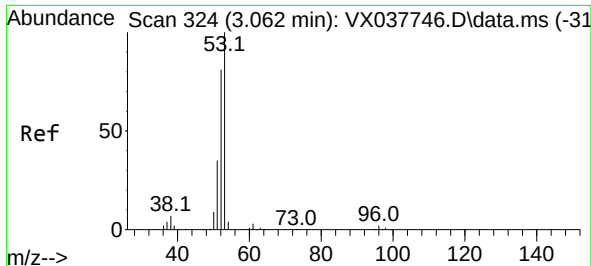
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#14
Allyl chloride
Concen: 49.314 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

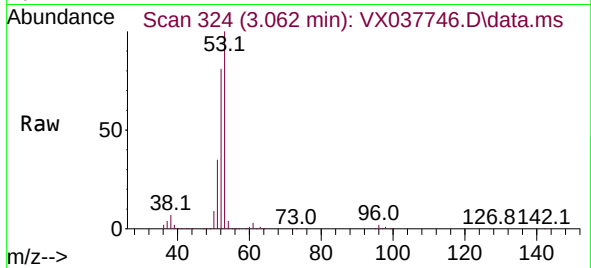
Tgt Ion: 41 Resp: 207806
Ion Ratio Lower Upper
41 100
39 69.2 55.8 83.6
76 37.8 24.3 36.5





#15
Acrylonitrile
Concen: 248.462 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

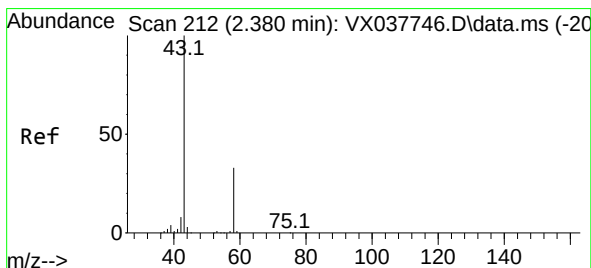
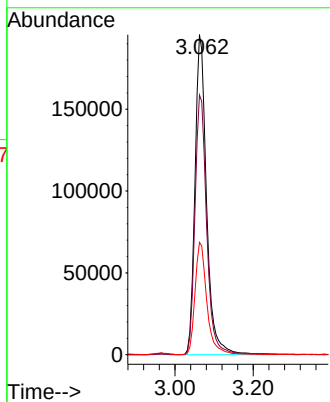
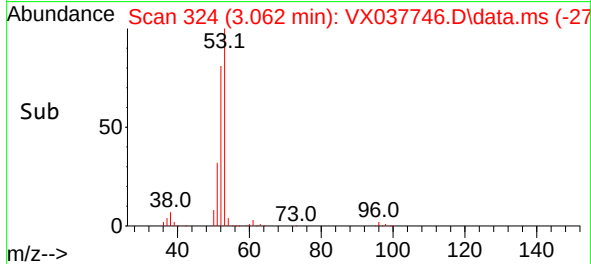
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 40403
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.0 29.8 44.6

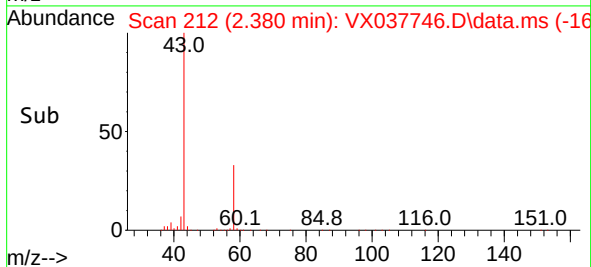
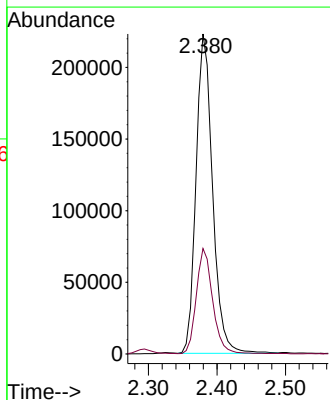
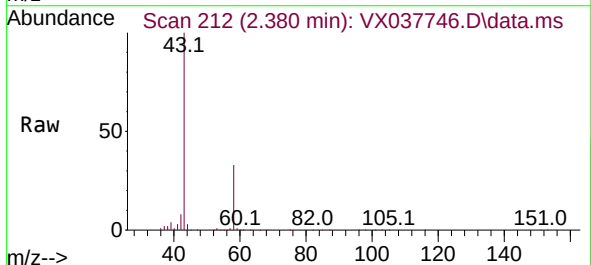
Manual Integrations
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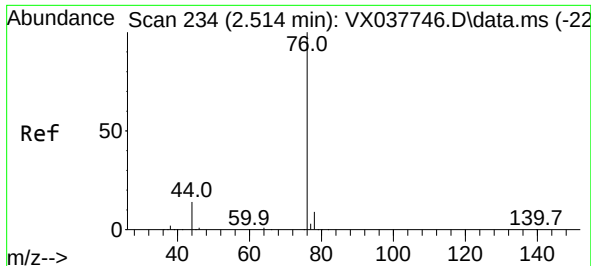
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 228.873 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion: 43 Resp: 375160
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9





#17

Carbon Disulfide

Concen: 49.847 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 316209

Ion Ratio Lower Upper

76 100

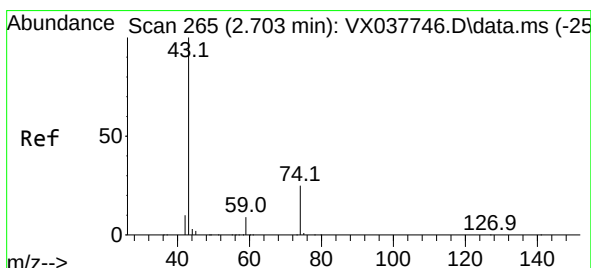
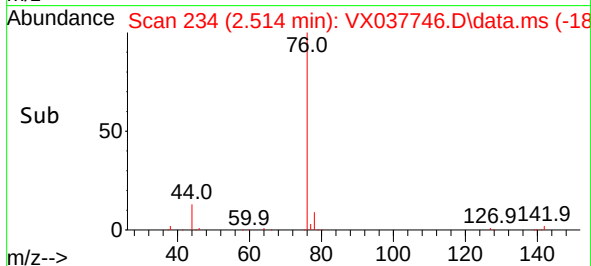
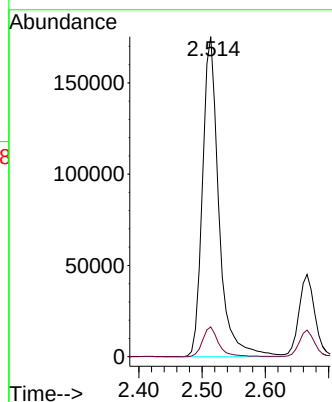
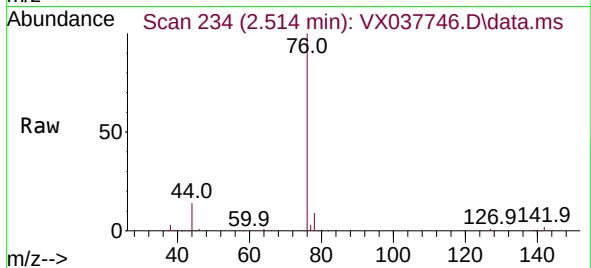
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#18

Methyl Acetate

Concen: 48.906 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037746.D

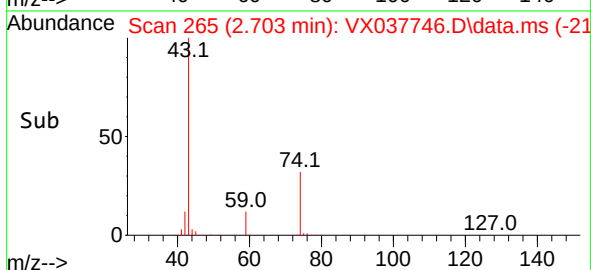
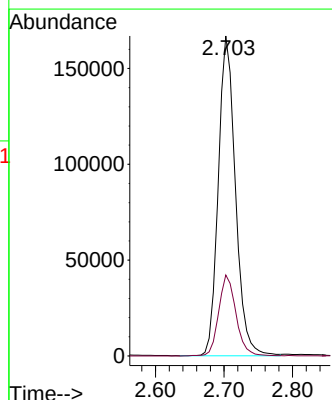
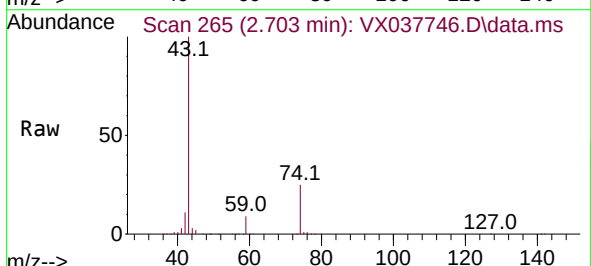
Acq: 15 Sep 2023 10:13

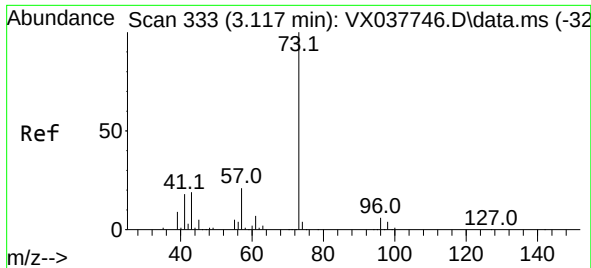
Tgt Ion: 43 Resp: 289189

Ion Ratio Lower Upper

43 100

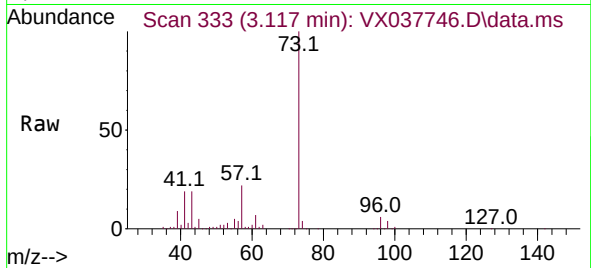
74 25.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.992 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

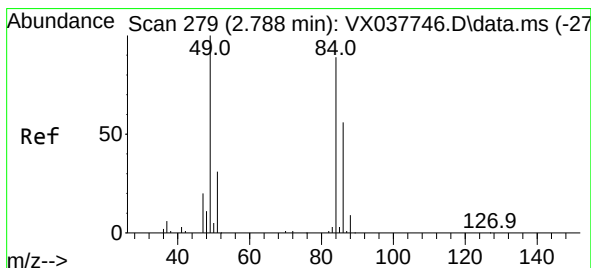
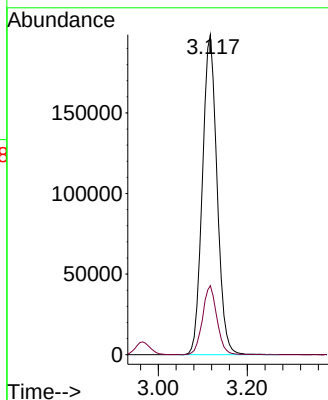
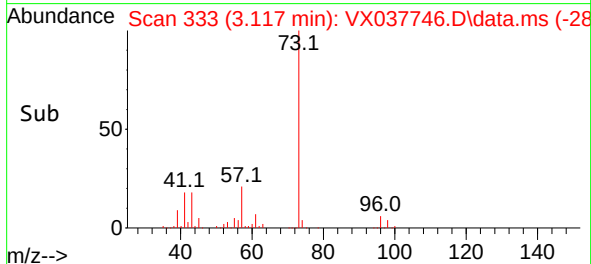
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 455989
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

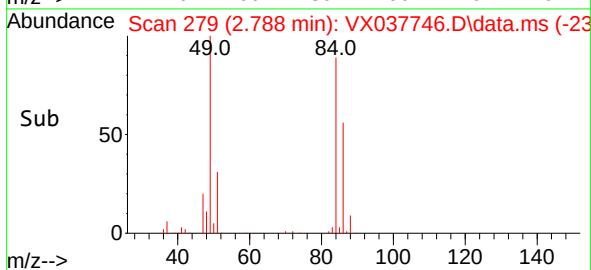
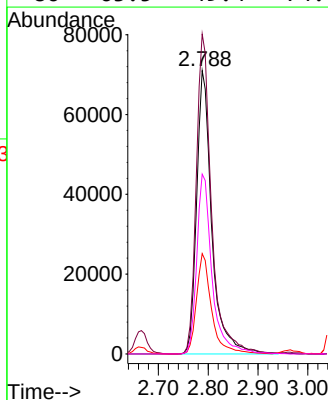
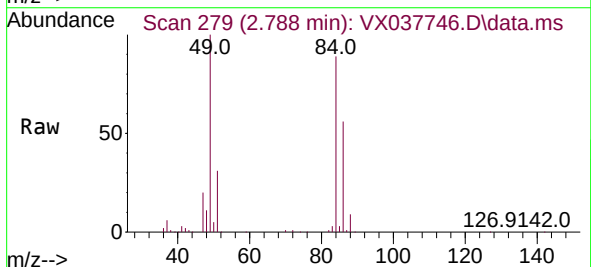
Manual Integrations
APPROVED

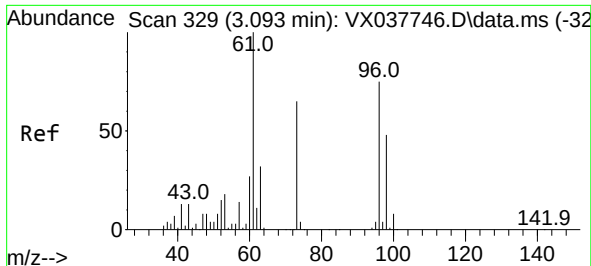
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 49.554 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

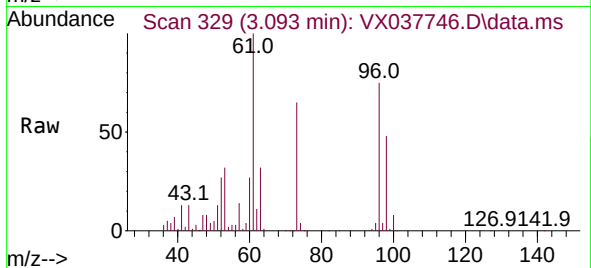
Tgt Ion: 84 Resp: 150172
Ion Ratio Lower Upper
84 100
49 112.9 103.6 155.4
51 35.4 33.8 50.6
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.026 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

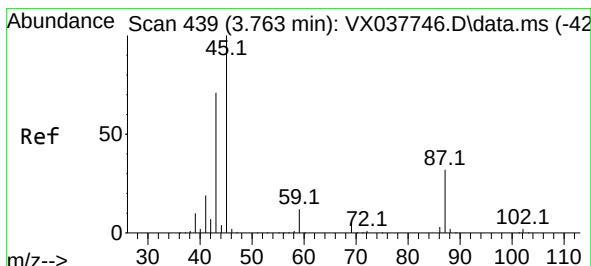
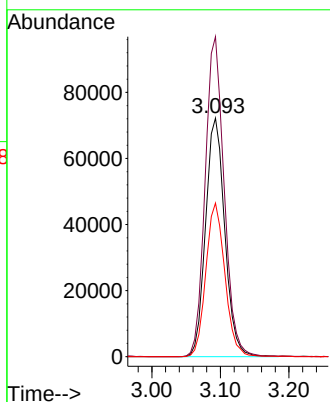
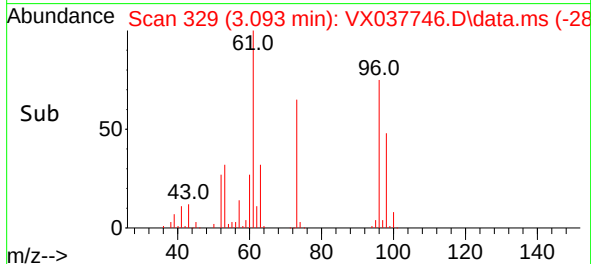
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 140549
Ion Ratio Lower Upper
96 100
61 134.2 119.2 178.8
98 64.4 48.7 73.1

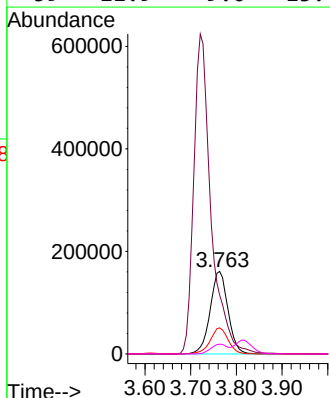
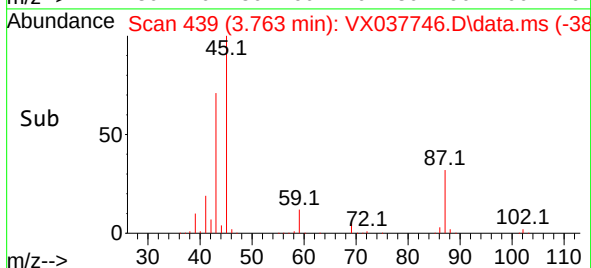
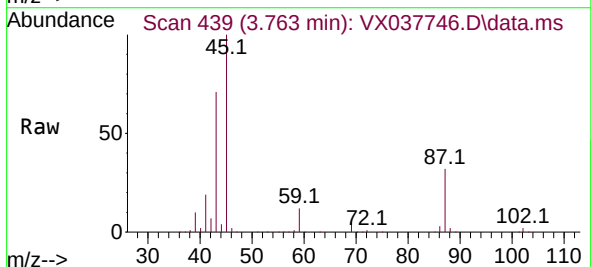
Manual Integrations
APPROVED

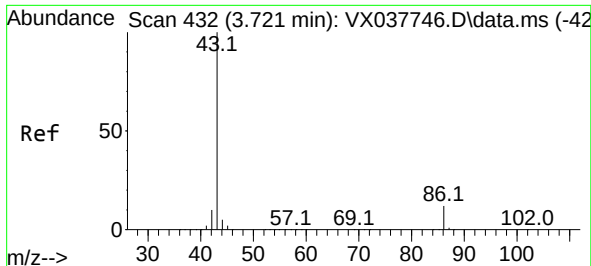
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 49.805 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion: 45 Resp: 437172
Ion Ratio Lower Upper
45 100
43 71.1 69.7 104.5
87 31.7 20.8 31.2#
59 11.9 9.0 13.4





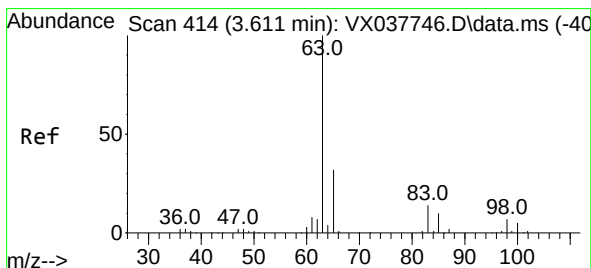
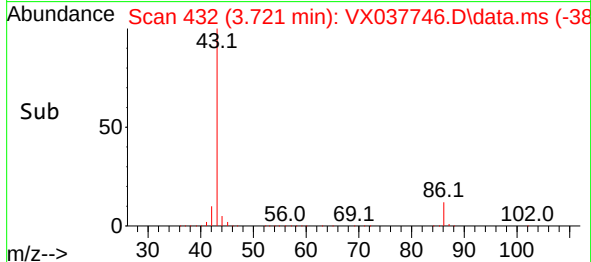
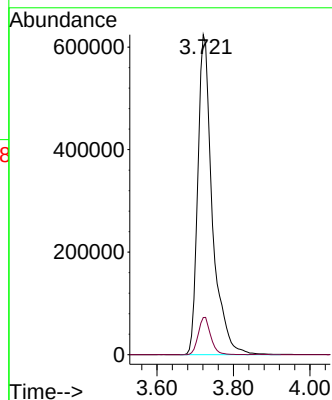
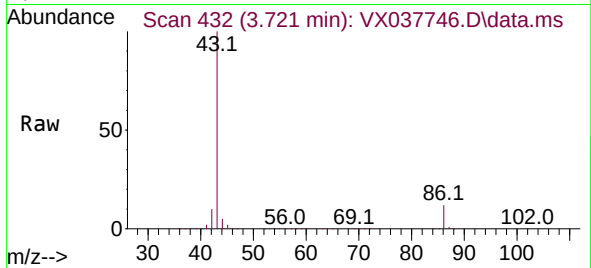
#23
 Vinyl Acetate
 Concen: 255.031 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037746.D
 Acq: 15 Sep 2023 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1646580
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

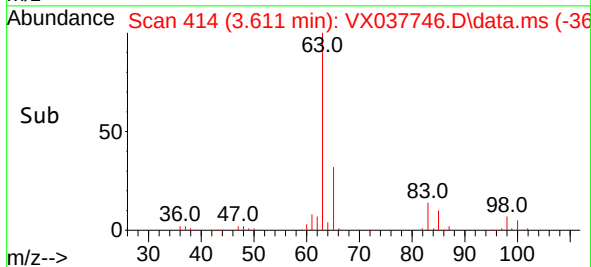
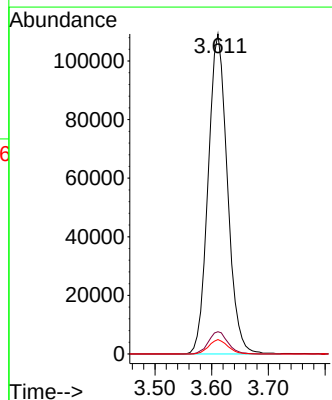
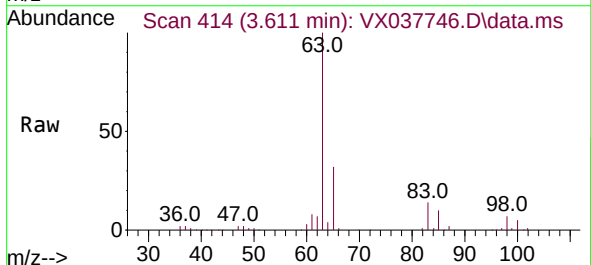
Manual Integrations
 APPROVED

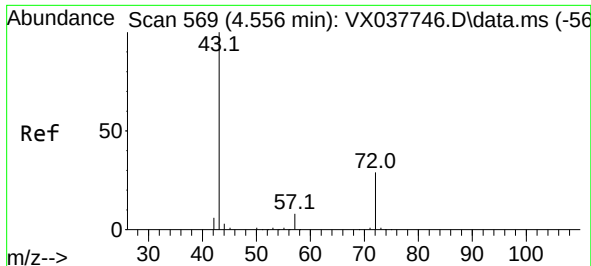
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#24
 1,1-Dichloroethane
 Concen: 48.958 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037746.D
 Acq: 15 Sep 2023 10:13

Tgt Ion: 63 Resp: 257515
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.5 2.1 6.5





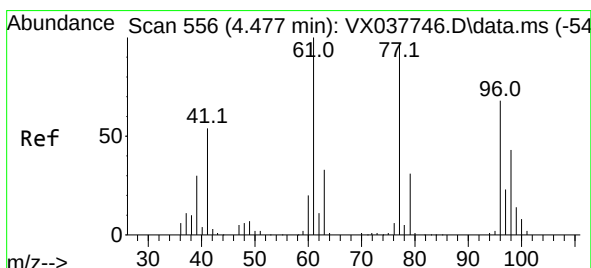
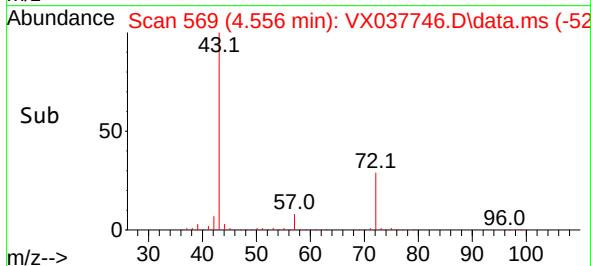
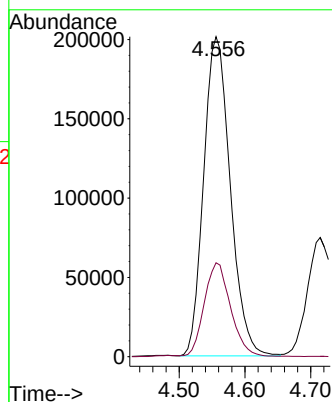
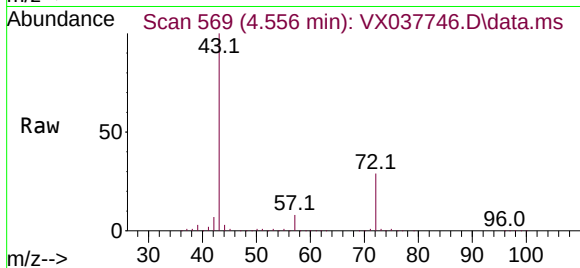
#25
2-Butanone
Concen: 245.222 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 567078
Ion Ratio Lower Upper
43 100
72 29.3 19.4 29.2

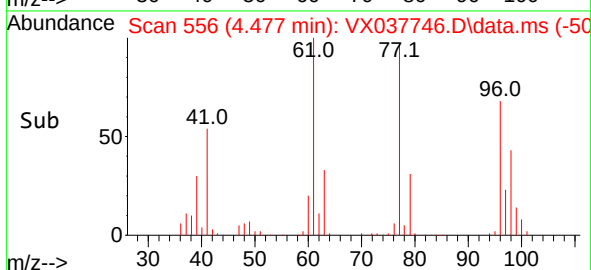
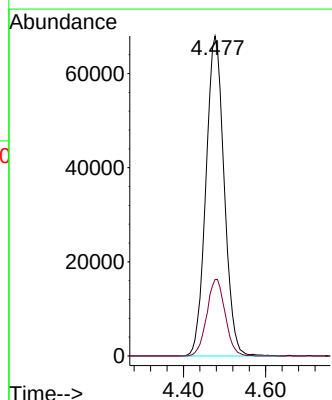
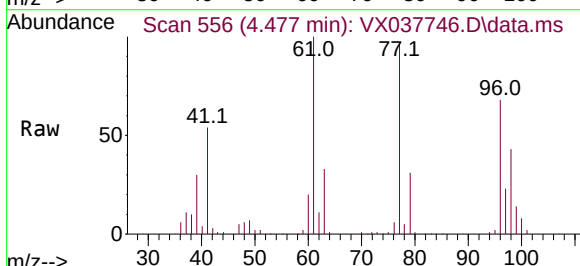
Manual Integrations
APPROVED

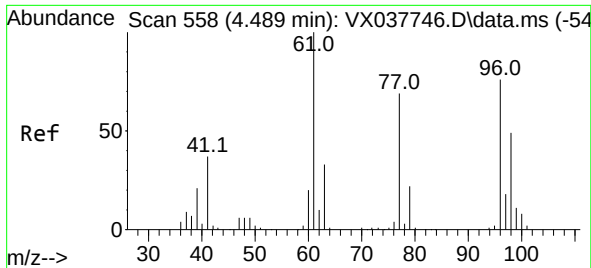
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#26
2,2-Dichloropropane
Concen: 49.207 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

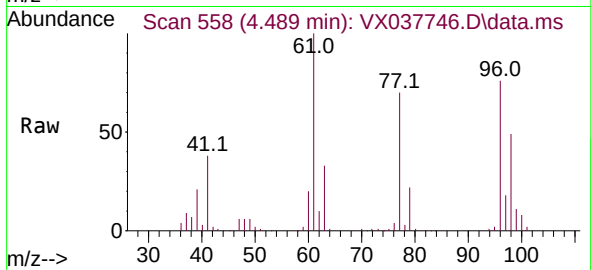
Tgt Ion: 77 Resp: 209137
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.776 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX037746.D
 Acq: 15 Sep 2023 10:13

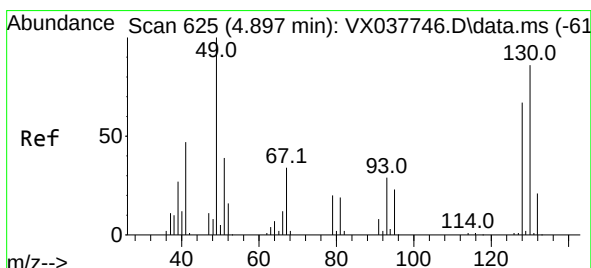
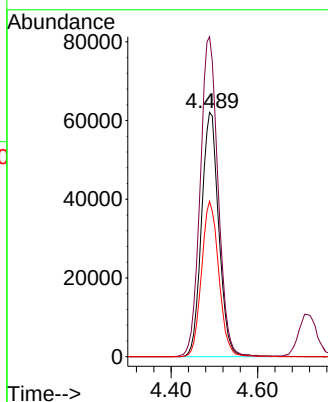
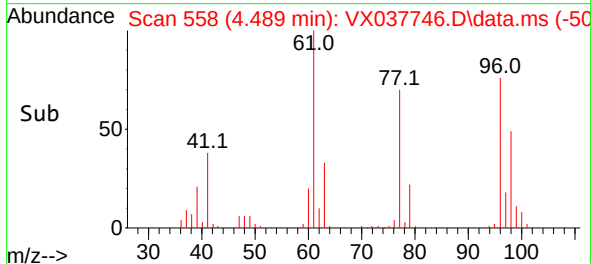
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



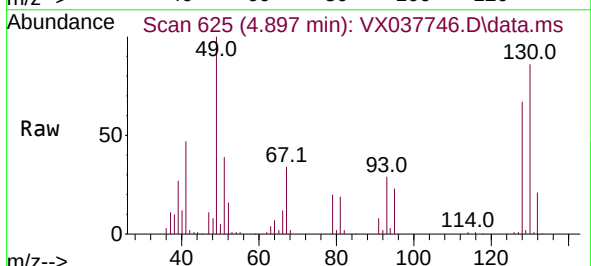
Tgt Ion: 96 Resp: 17144
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 312.2
 98 63.6 0.0 129.0

Manual Integrations
 APPROVED

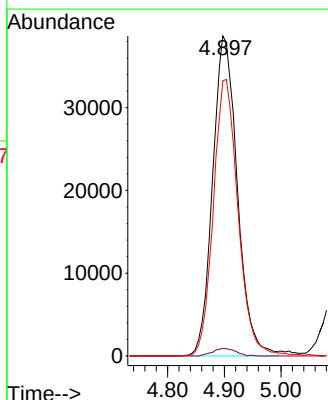
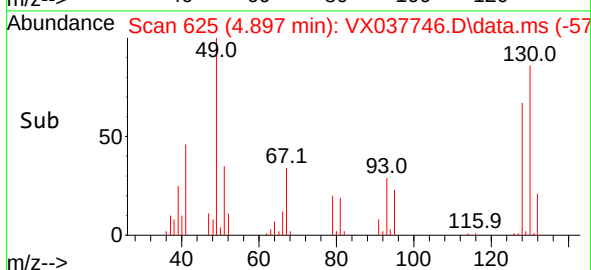
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

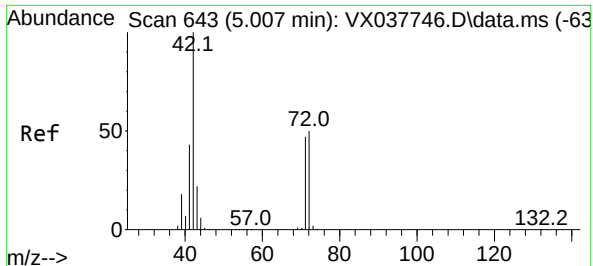


#28
 Bromochloromethane
 Concen: 47.683 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037746.D
 Acq: 15 Sep 2023 10:13



Tgt Ion: 49 Resp: 117007
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 86.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 248.957 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 358180

Ion Ratio Lower Upper

42 100

72 50.2 34.2 51.4

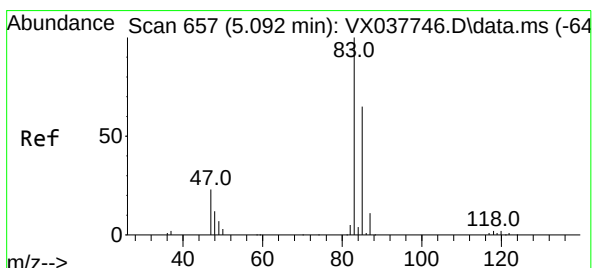
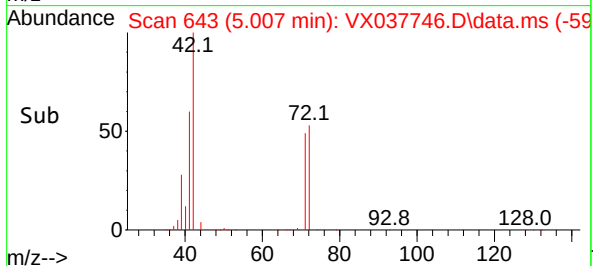
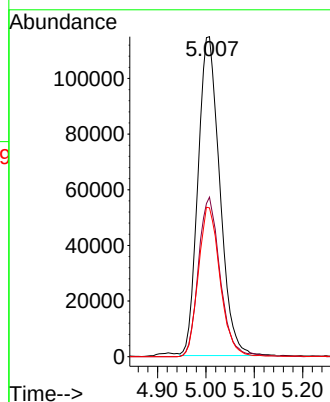
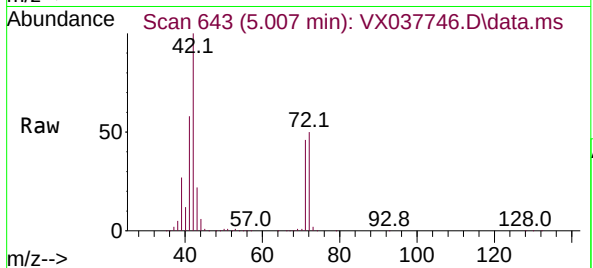
71 46.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 49.427 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037746.D

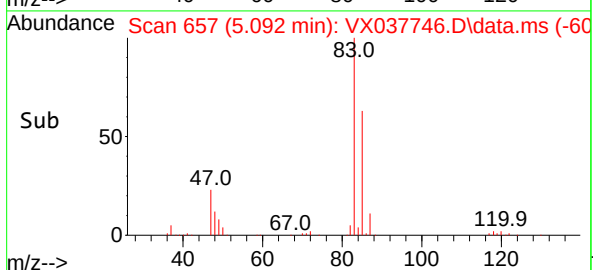
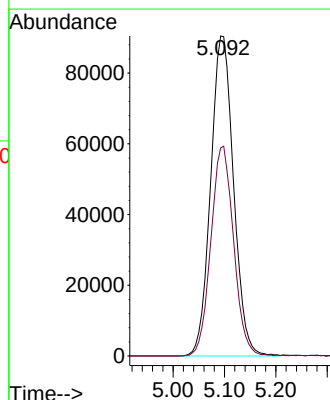
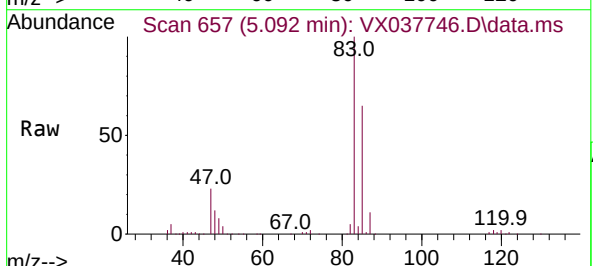
Acq: 15 Sep 2023 10:13

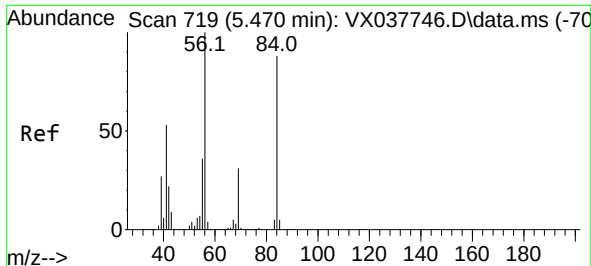
Tgt Ion: 83 Resp: 280064

Ion Ratio Lower Upper

83 100

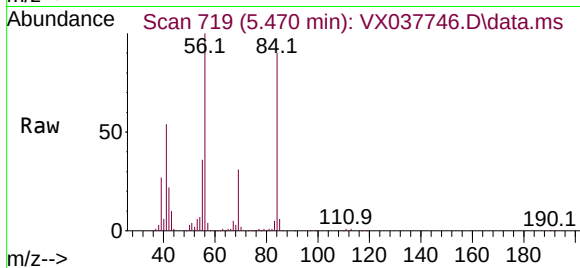
85 65.1 50.3 75.5





#31
Cyclohexane
Concen: 50.989 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

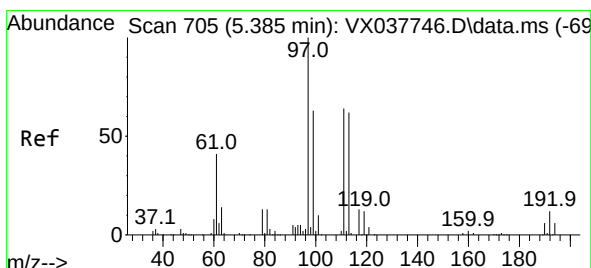
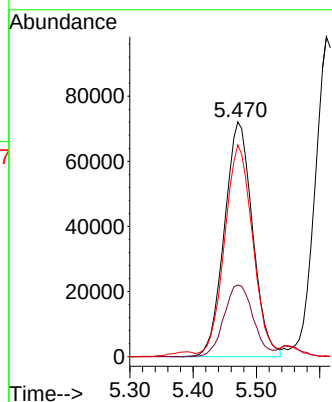
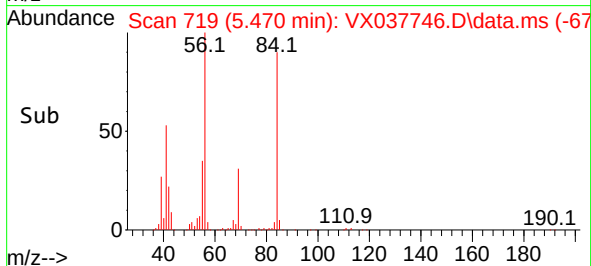
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 222993
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 88.3 65.9 98.9

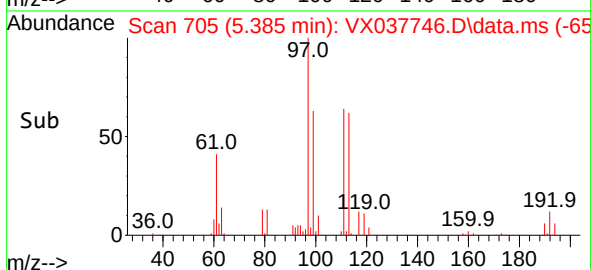
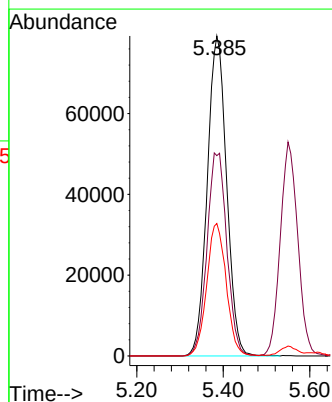
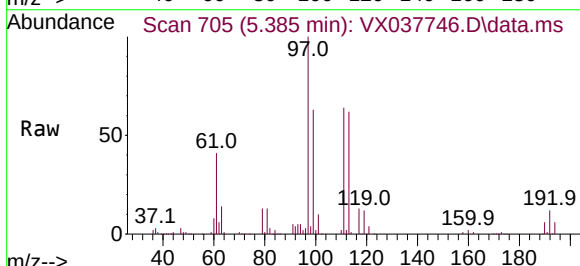
Manual Integrations
APPROVED

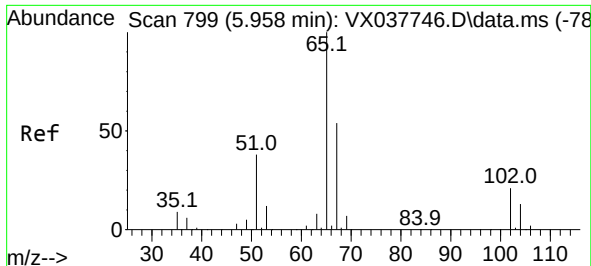
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#32
1,1,1-Trichloroethane
Concen: 51.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion: 97 Resp: 245770
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 41.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.897 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 17001

Ion Ratio Lower Upper

65 100

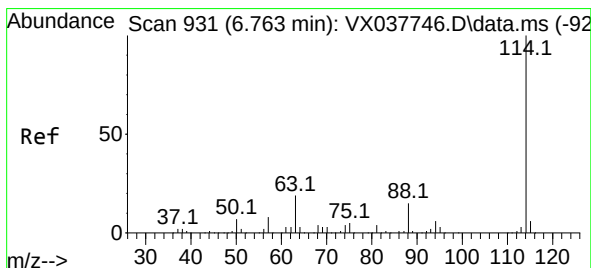
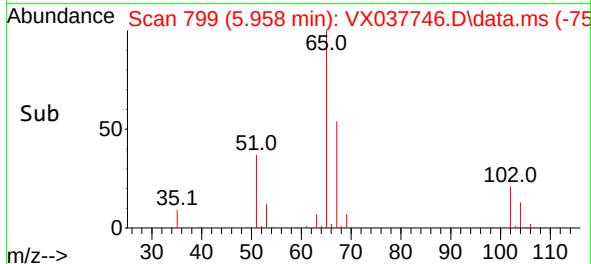
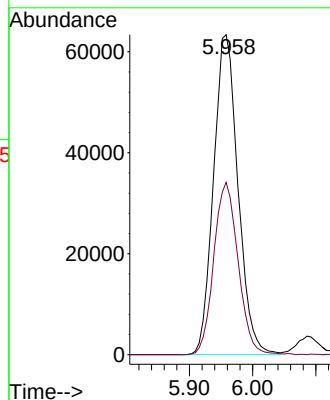
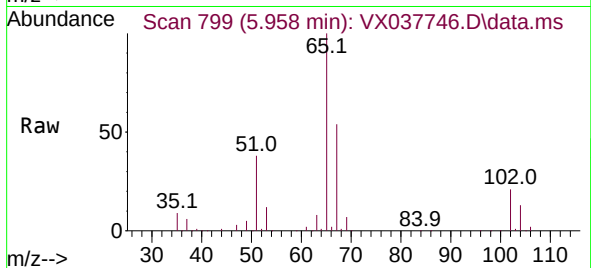
67 53.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

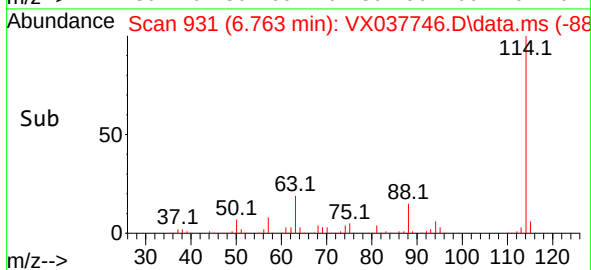
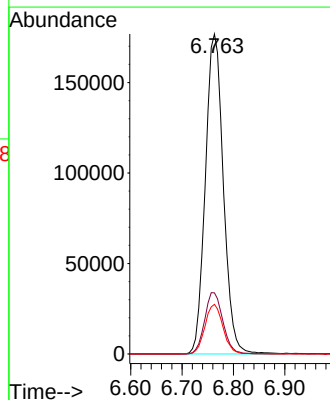
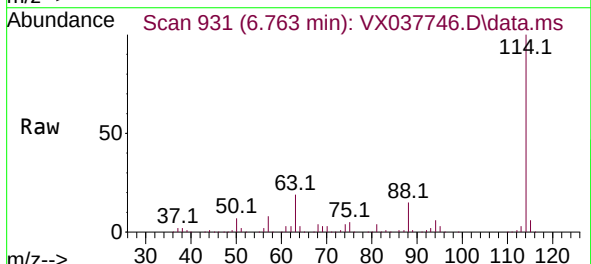
Tgt Ion:114 Resp: 430033

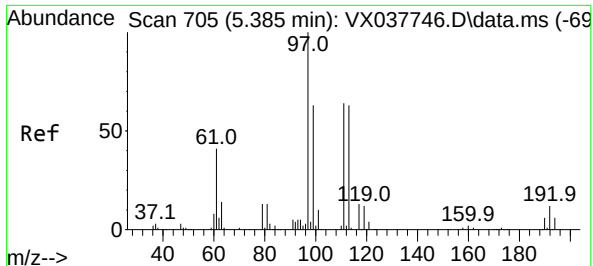
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

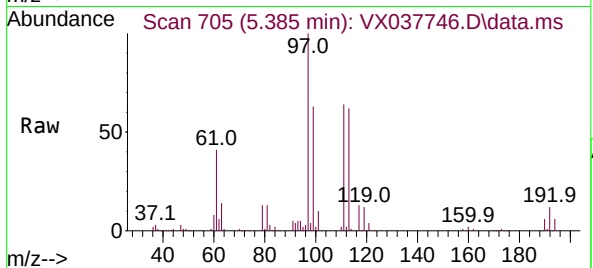
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.502 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

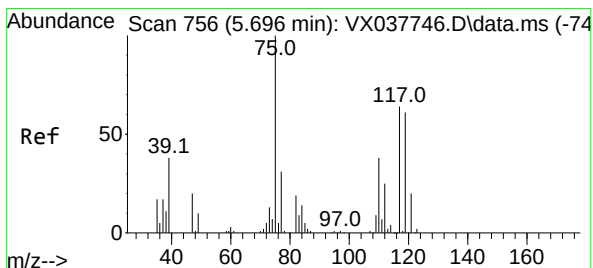
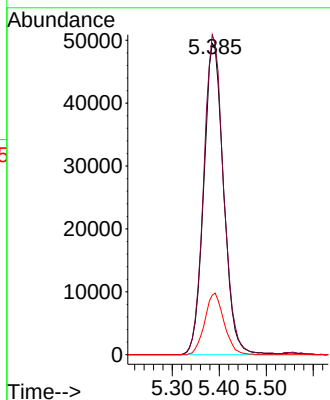
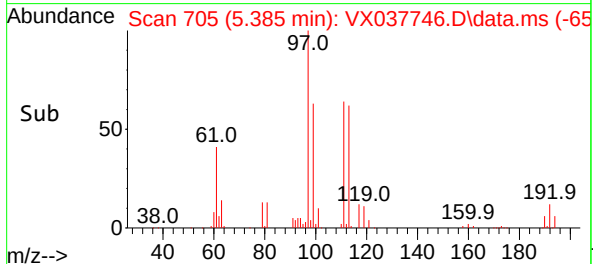
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 14531
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.2 13.3 19.9

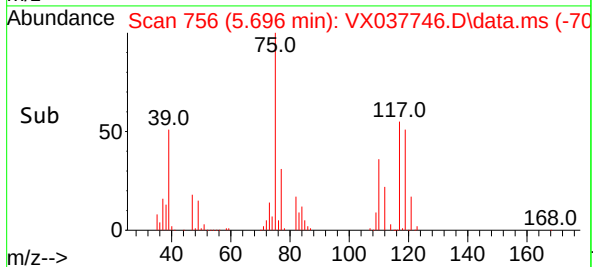
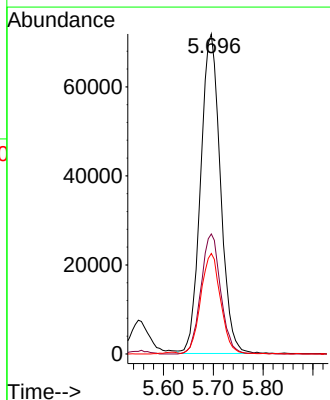
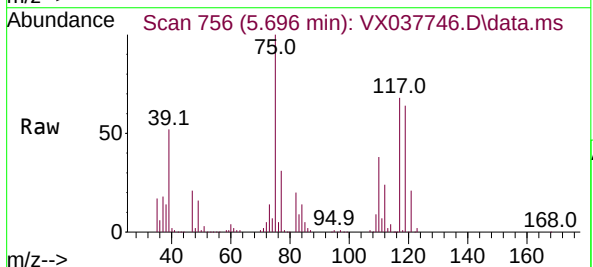
Manual Integrations
APPROVED

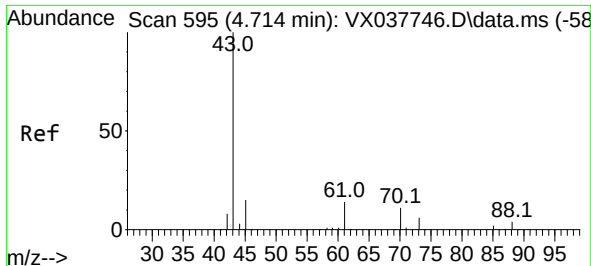
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#36
1,1-Dichloropropene
Concen: 49.923 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

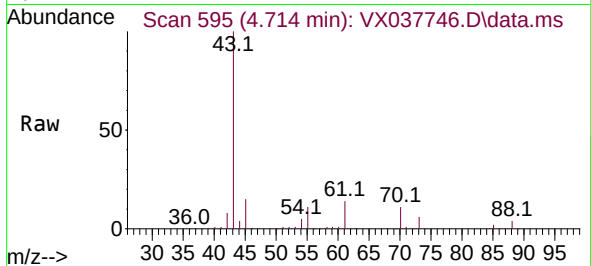
Tgt Ion: 75 Resp: 197883
Ion Ratio Lower Upper
75 100
110 37.4 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 51.031 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

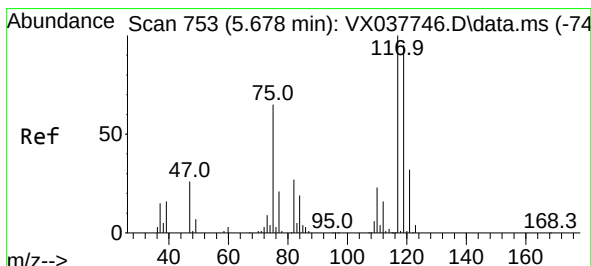
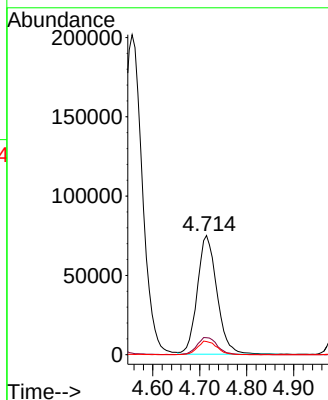
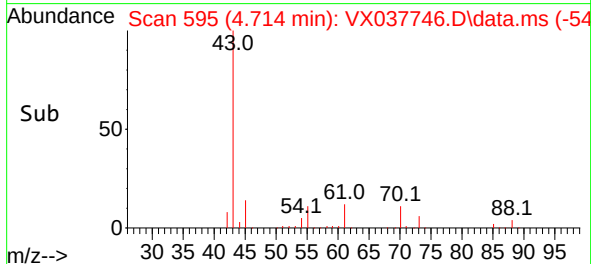
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 21716
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.3 8.3 12.5

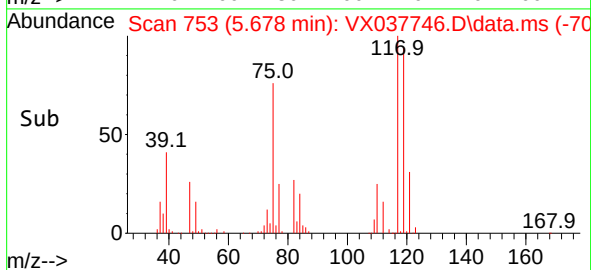
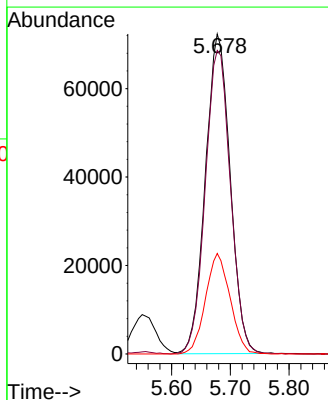
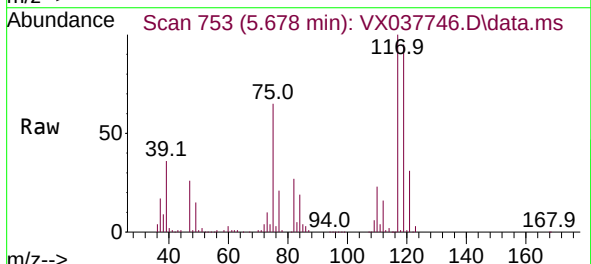
Manual Integrations
APPROVED

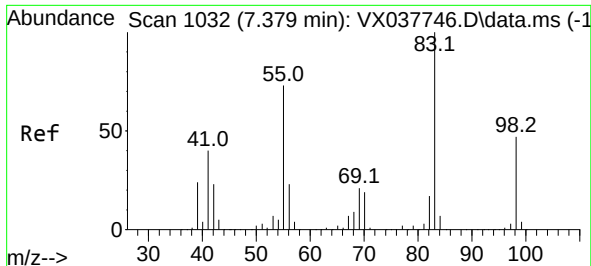
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#38
Carbon Tetrachloride
Concen: 51.159 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion:117 Resp: 212170
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.2
121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 50.346 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 25327

Ion Ratio Lower Upper

83 100

55 73.3 64.6 97.0

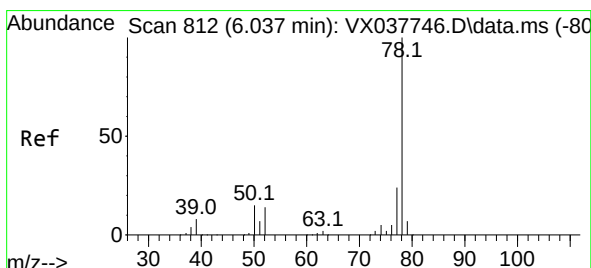
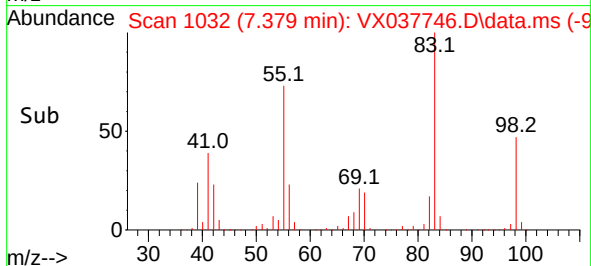
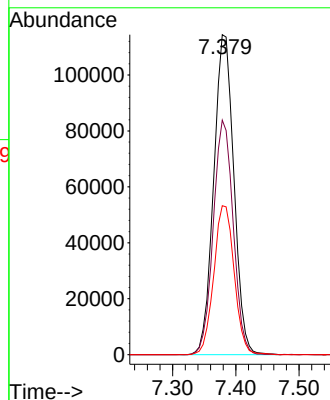
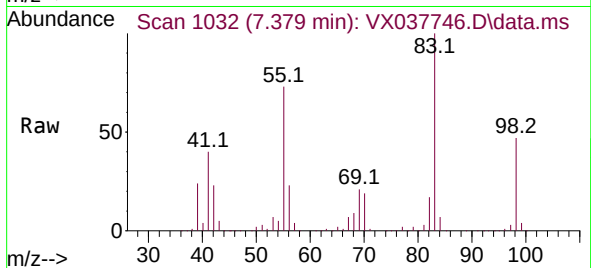
98 46.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 49.662 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037746.D

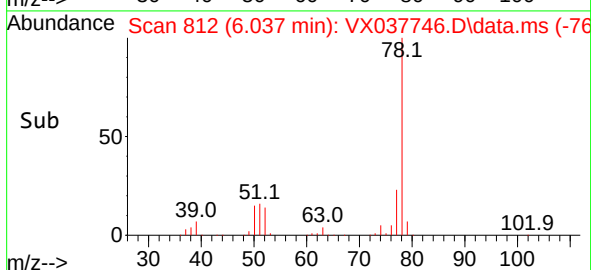
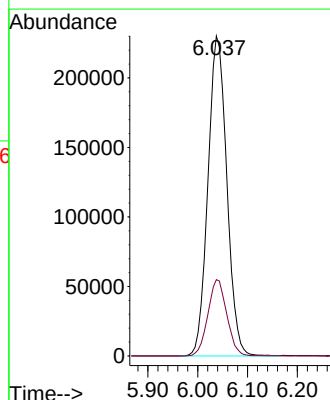
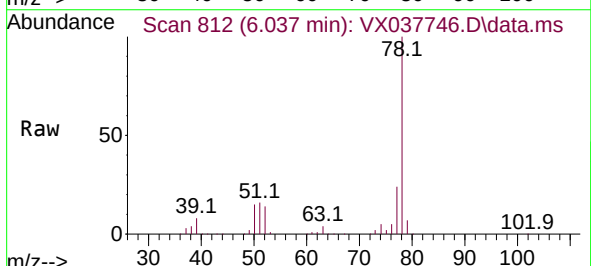
Acq: 15 Sep 2023 10:13

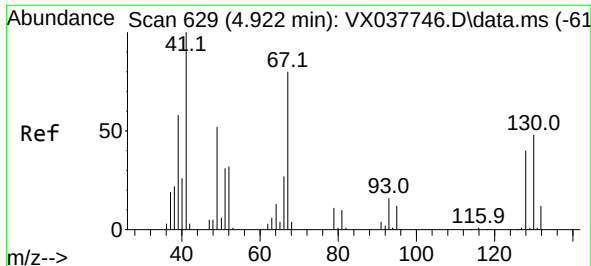
Tgt Ion: 78 Resp: 605328

Ion Ratio Lower Upper

78 100

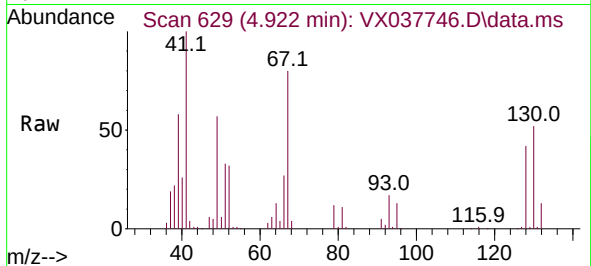
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 49.813 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.025 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

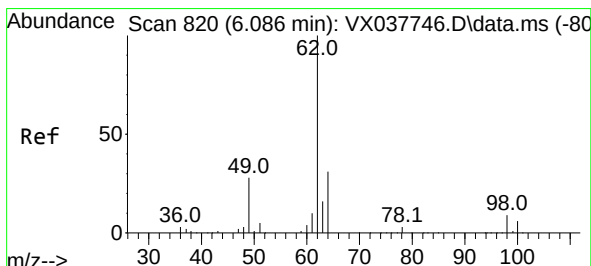
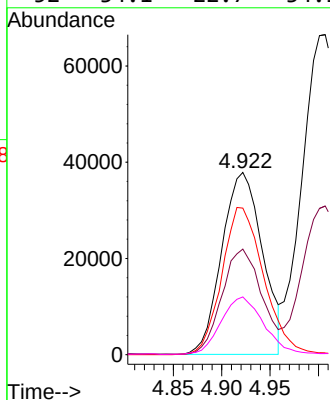
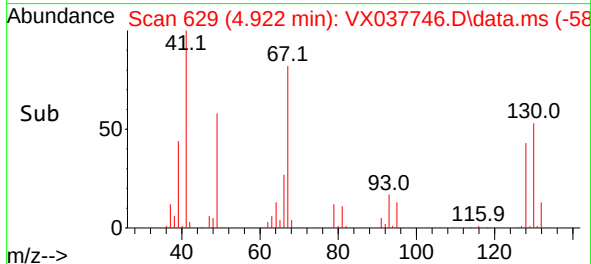
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 110678
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 83.8 52.6 78.8
52 34.1 22.7 34.1#

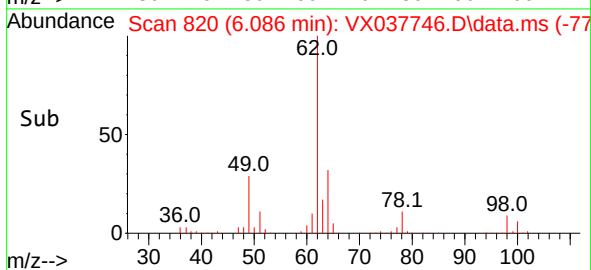
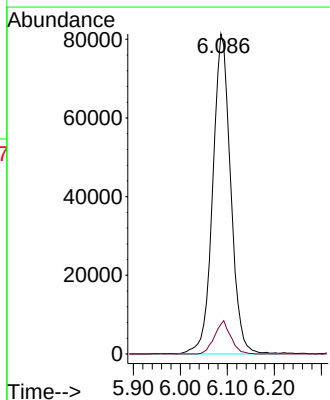
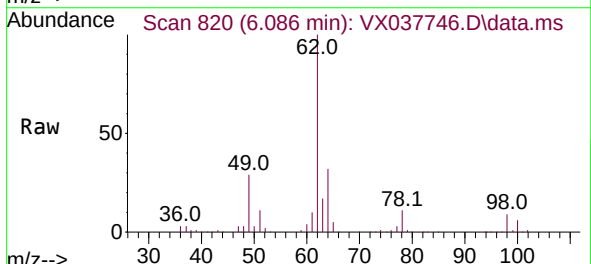
Manual Integrations
APPROVED

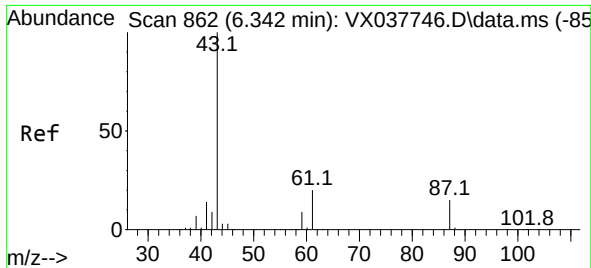
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#42
1,2-Dichloroethane
Concen: 48.785 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion: 62 Resp: 215577
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.707 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

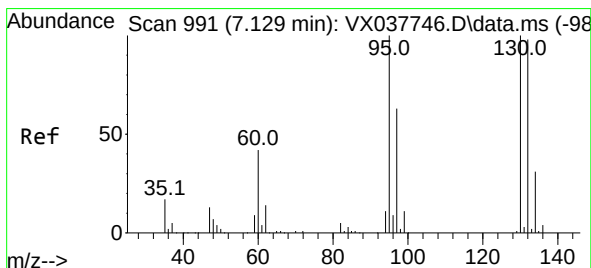
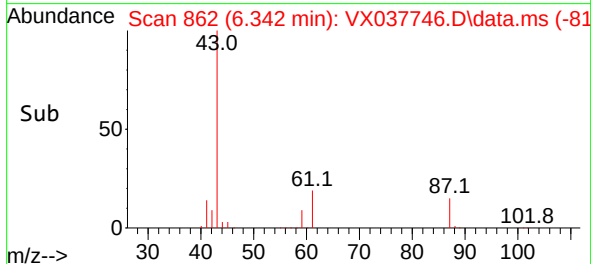
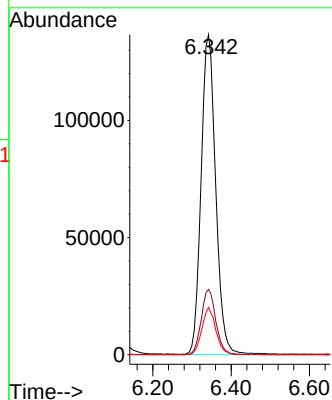
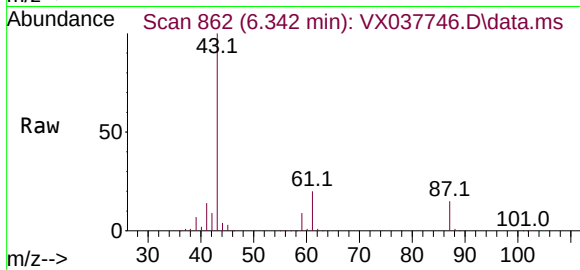
Tgt Ion:	43	Resp:	353314
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.2	22.8
87	14.1	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#44

Trichloroethene

Concen: 47.606 ug/l

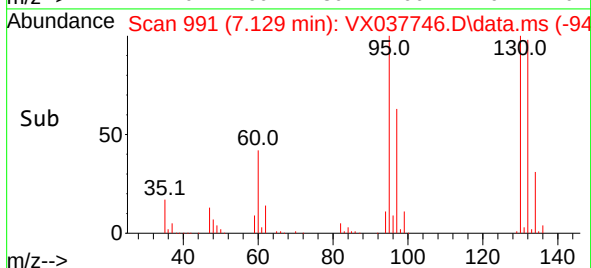
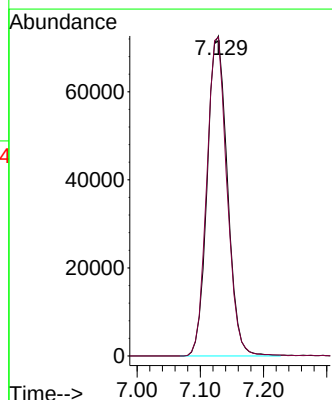
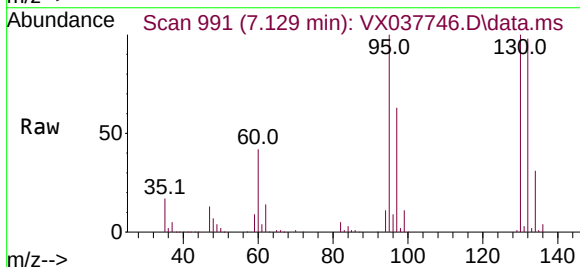
RT: 7.129 min Scan# 991

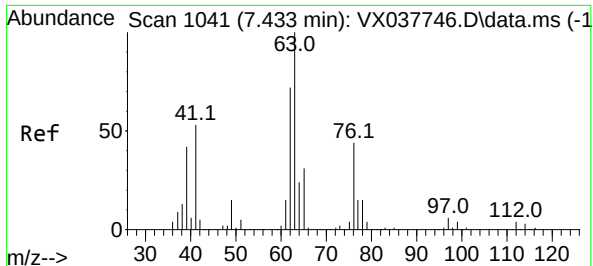
Delta R.T. -0.006 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Tgt Ion:	130	Resp:	161598
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.103 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 15543

Ion Ratio Lower Upper

63 100

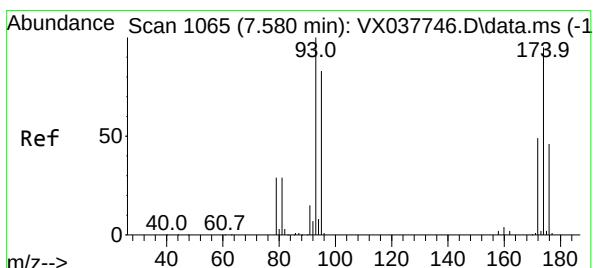
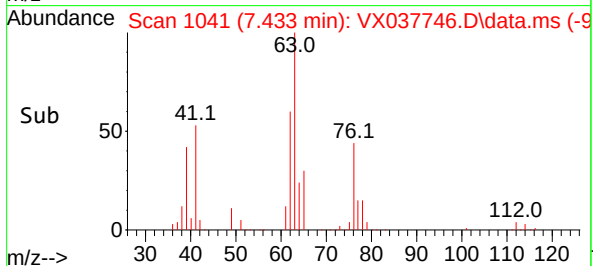
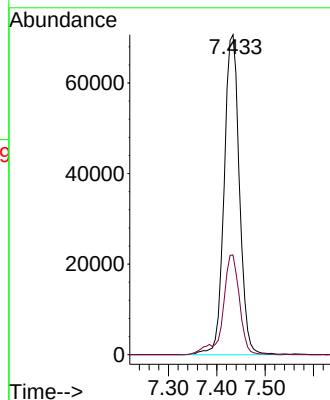
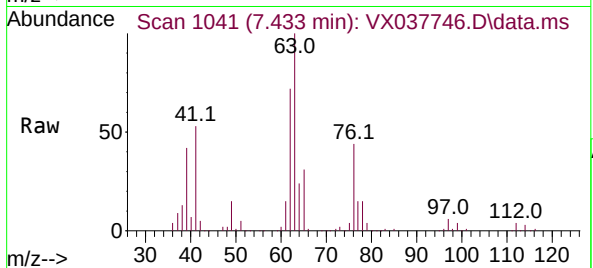
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 50.222 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

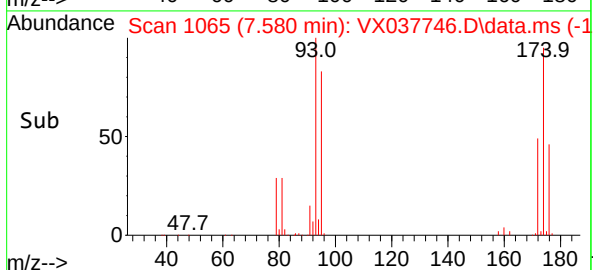
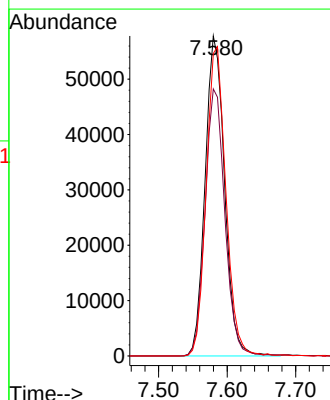
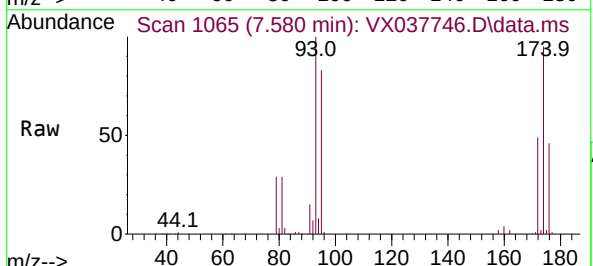
Tgt Ion: 93 Resp: 114355

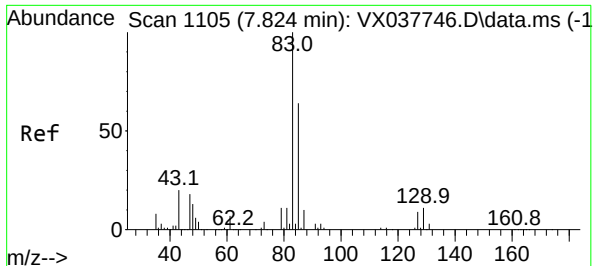
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

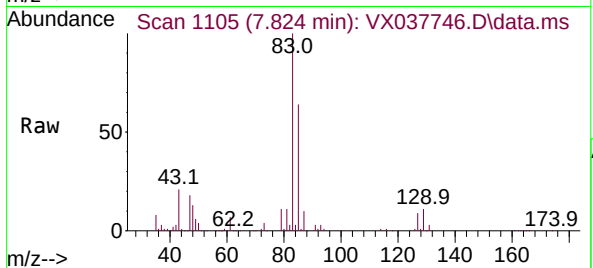
174 97.3 69.4 104.0





#47
Bromodichloromethane
Concen: 51.515 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

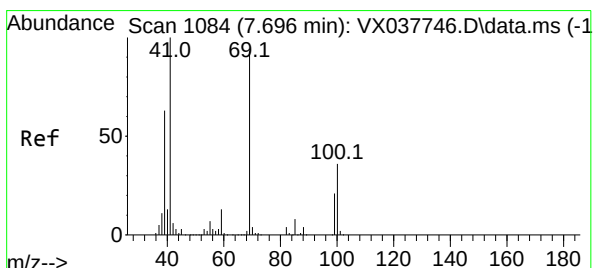
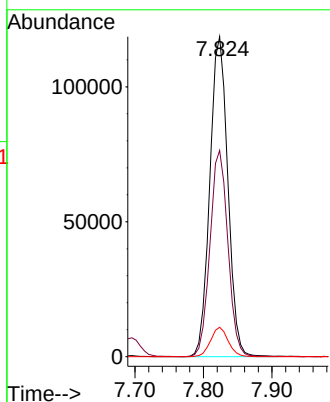
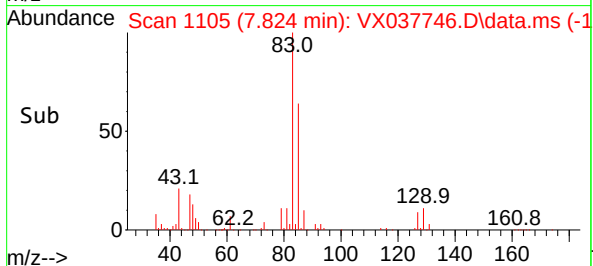
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



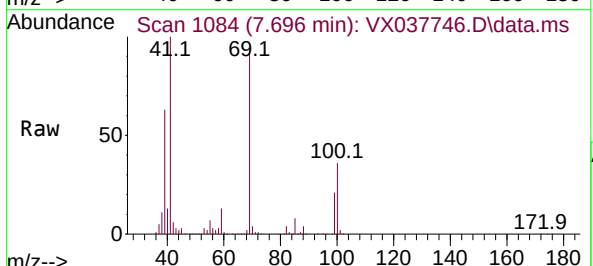
Tgt Ion: 83 Resp: 21603
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.2 7.1 10.7

Manual Integrations
APPROVED

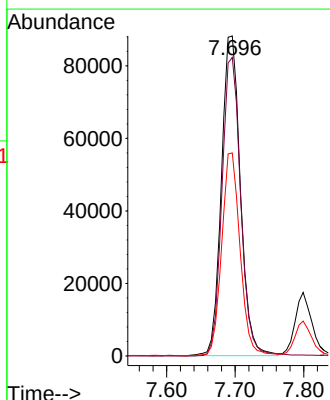
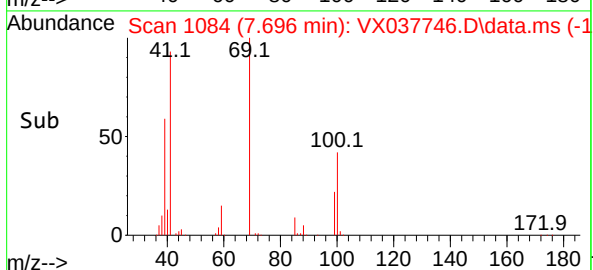
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

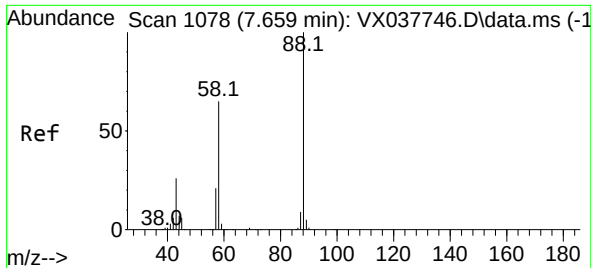


#48
Methyl methacrylate
Concen: 50.902 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13



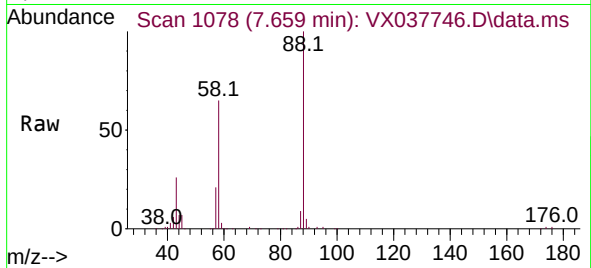
Tgt Ion: 41 Resp: 169547
Ion Ratio Lower Upper
41 100
69 92.5 59.2 88.8
39 61.7 47.7 71.5





#49
1,4-Dioxane
Concen: 966.542 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

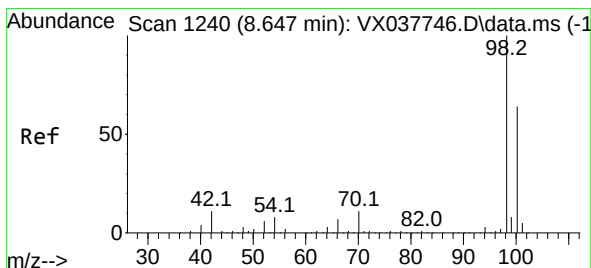
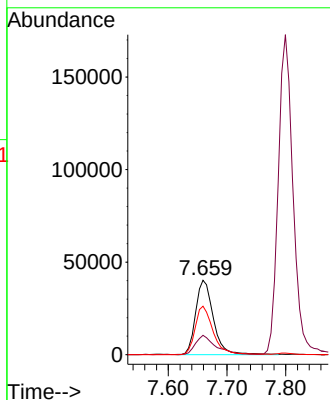
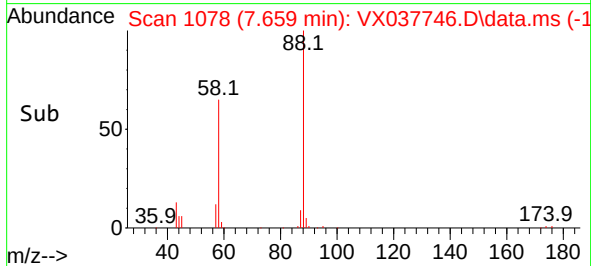
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 84402
Ion Ratio Lower Upper
88 100
43 28.7 0.0 0.0
58 65.6 60.1 90.1

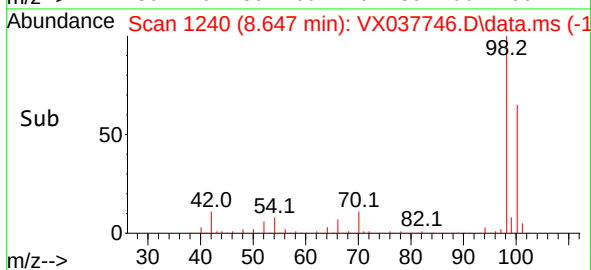
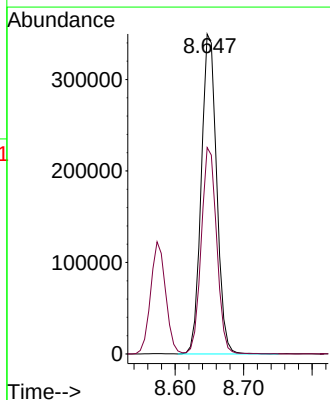
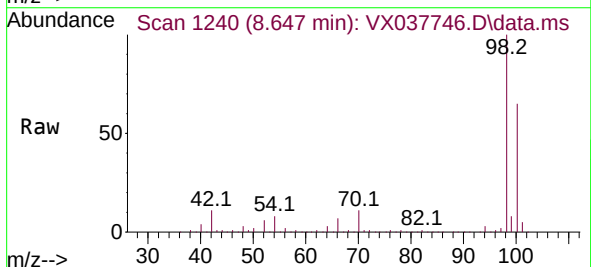
Manual Integrations
APPROVED

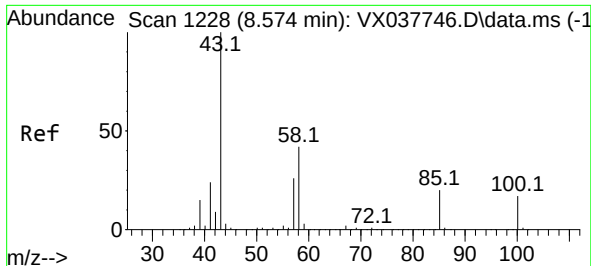
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#50
Toluene-d8
Concen: 51.121 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

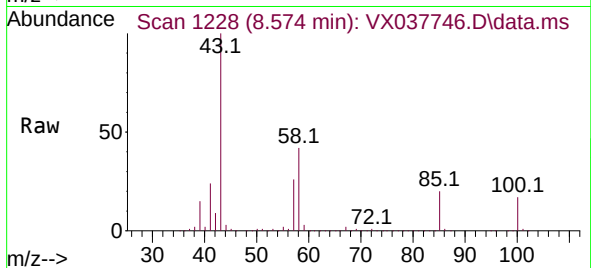
Tgt Ion: 98 Resp: 546543
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 252.149 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

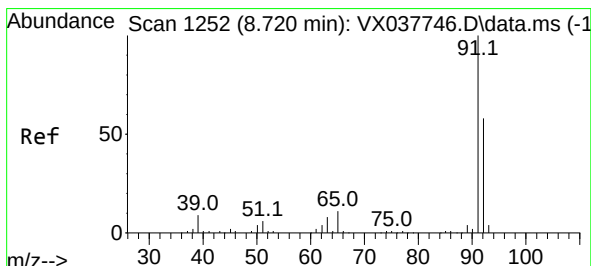
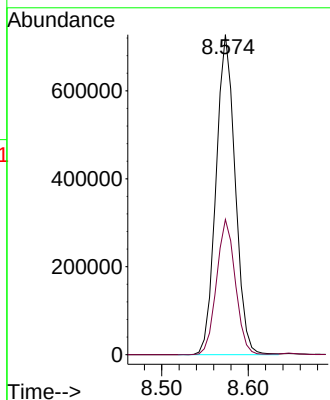
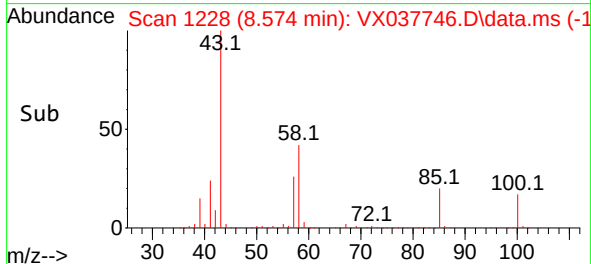
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



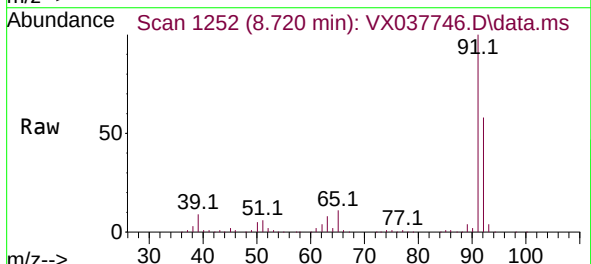
Tgt Ion: 43 Resp: 1114690
Ion Ratio Lower Upper
43 100
58 41.5 30.4 45.6

Manual Integrations
APPROVED

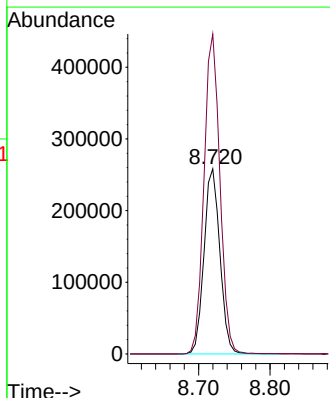
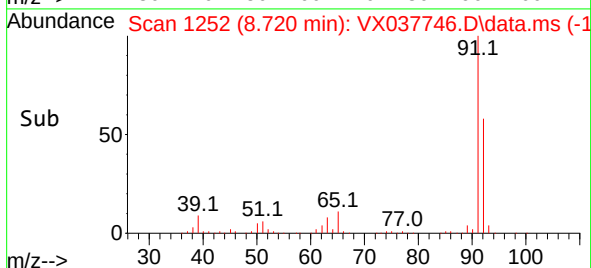
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

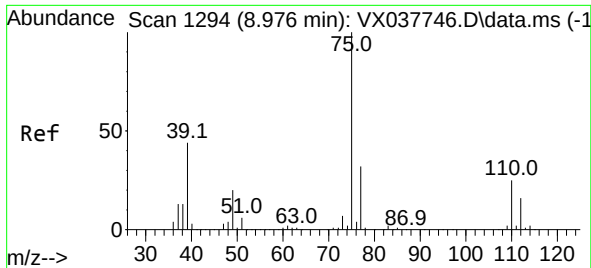


#52
Toluene
Concen: 50.723 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13



Tgt Ion: 92 Resp: 398453
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2





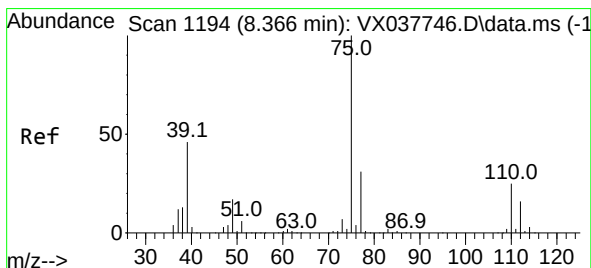
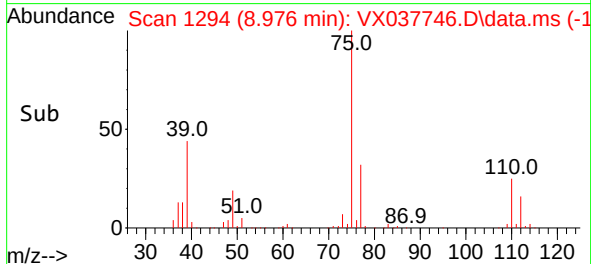
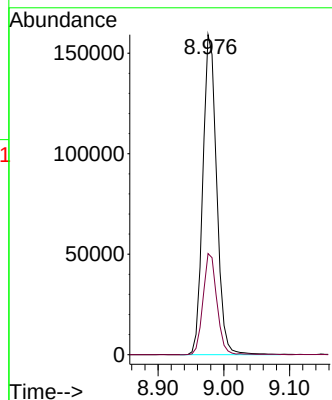
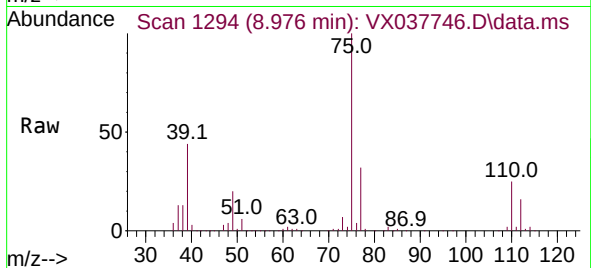
#53
t-1,3-Dichloropropene
Concen: 53.372 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.012 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 232974
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

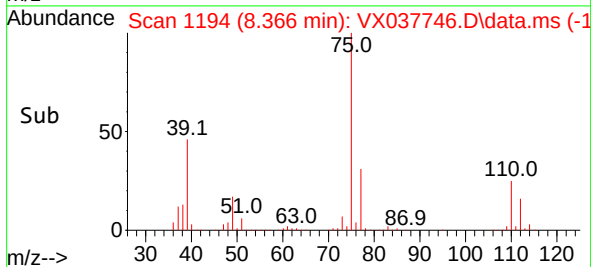
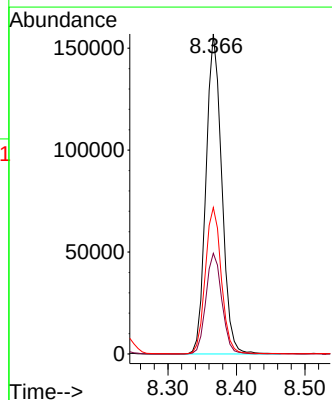
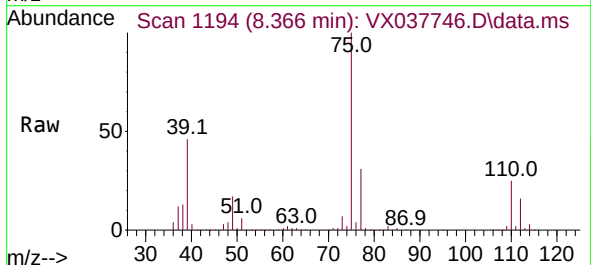
Manual Integrations
APPROVED

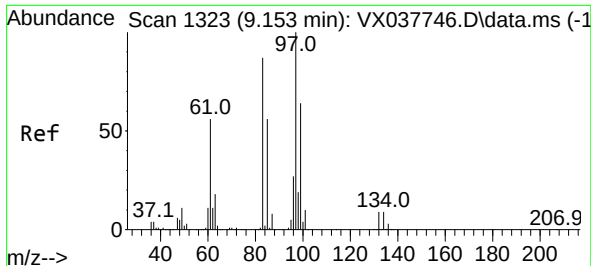
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#54
cis-1,3-Dichloropropene
Concen: 51.867 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

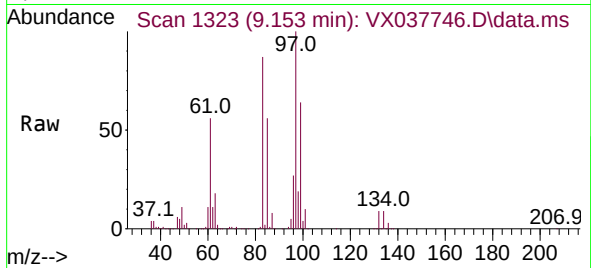
Tgt Ion: 75 Resp: 251705
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 45.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.526 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

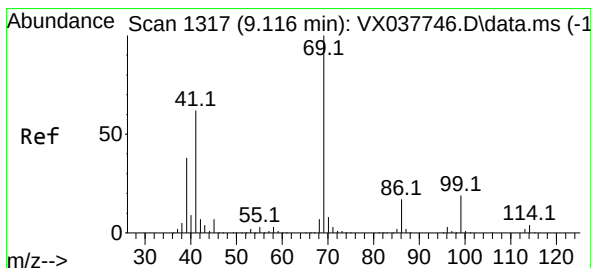
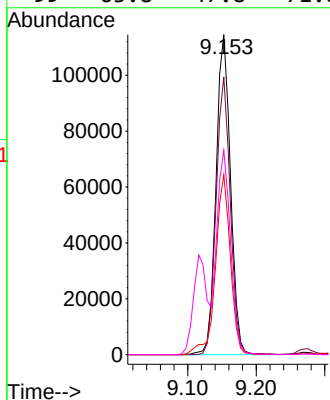
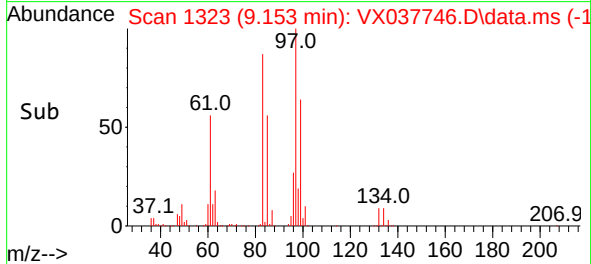
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



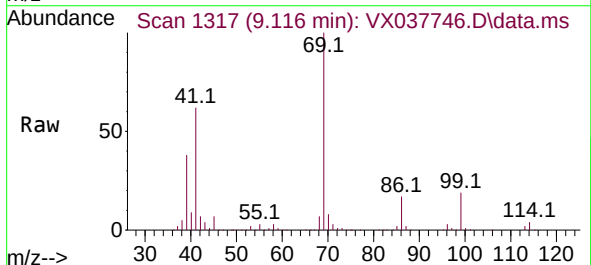
Tgt Ion: 97 Resp: 167342
Ion Ratio Lower Upper
97 100
83 86.8 65.8 98.8
85 56.2 41.6 62.4
99 63.8 47.8 71.8

Manual Integrations
APPROVED

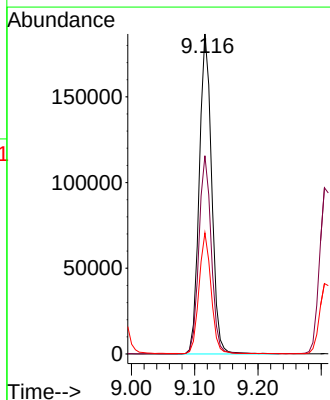
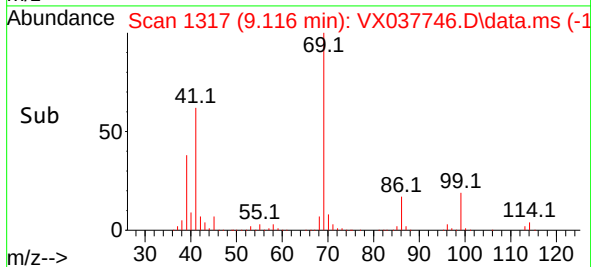
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

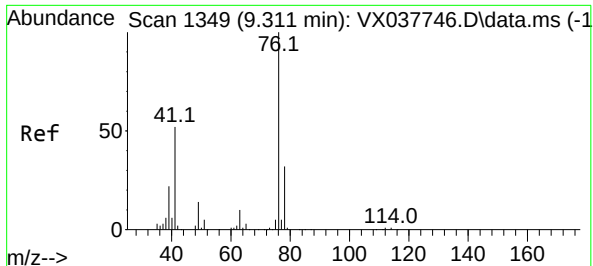


#56
Ethyl methacrylate
Concen: 51.602 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13



Tgt Ion: 69 Resp: 255142
Ion Ratio Lower Upper
69 100
41 61.9 56.8 85.2
39 37.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.730 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 26652

Ion Ratio Lower Upper

76 100

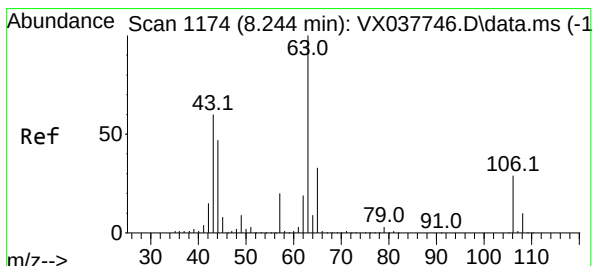
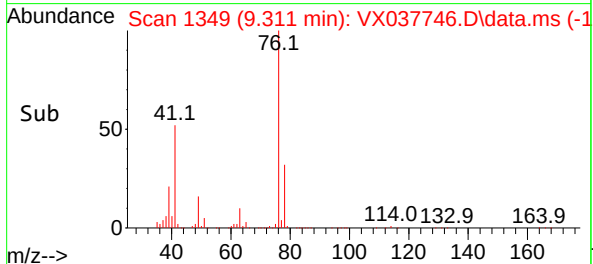
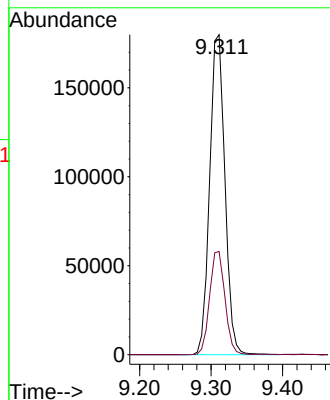
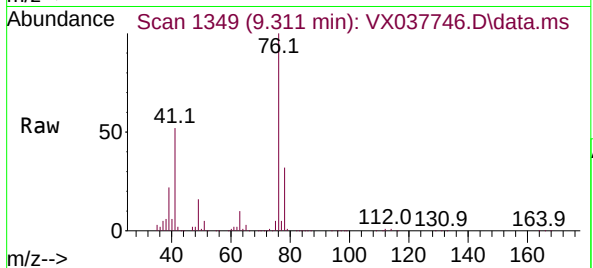
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 246.430 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037746.D

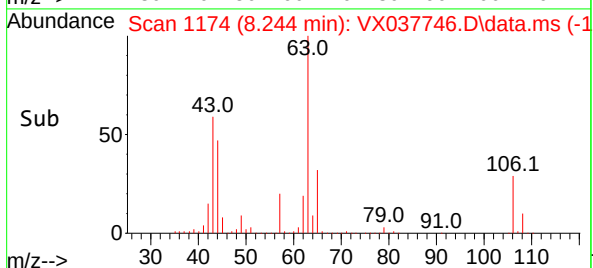
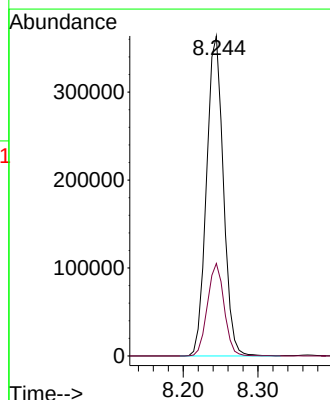
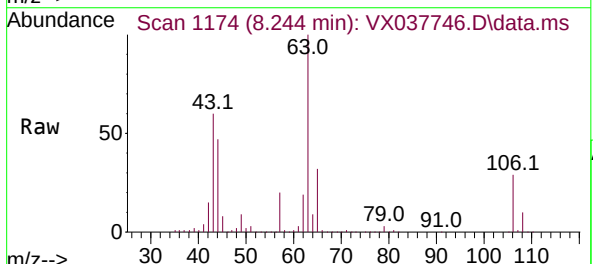
Acq: 15 Sep 2023 10:13

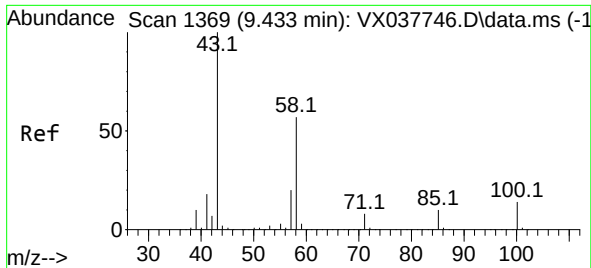
Tgt Ion: 63 Resp: 568955

Ion Ratio Lower Upper

63 100

106 28.7 22.5 33.7





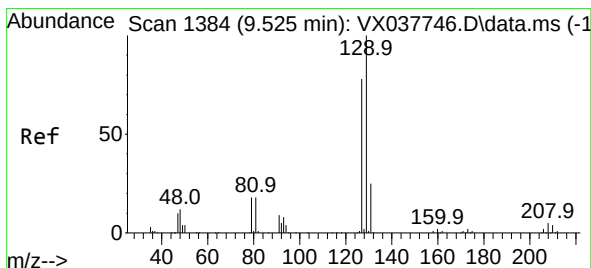
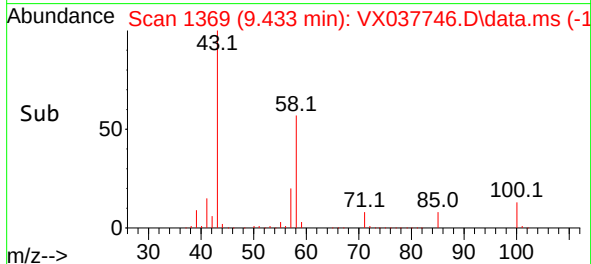
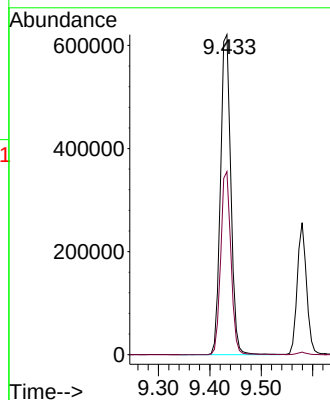
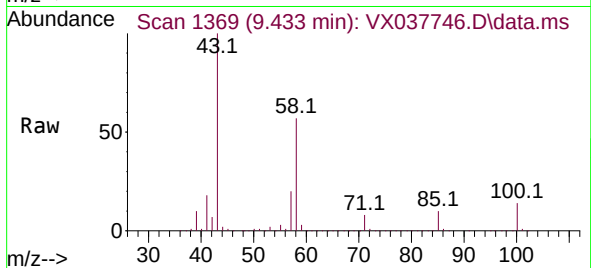
#59
2-Hexanone
Concen: 251.303 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 864988
Ion Ratio Lower Upper
43 100
58 56.5 26.2 78.5

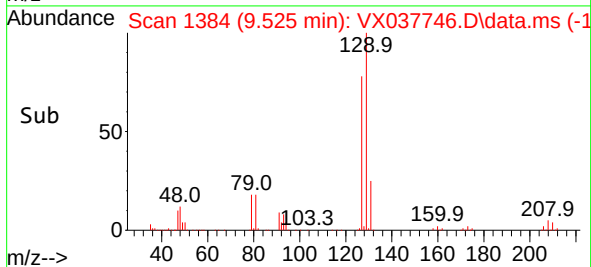
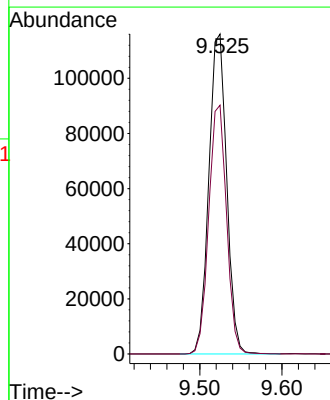
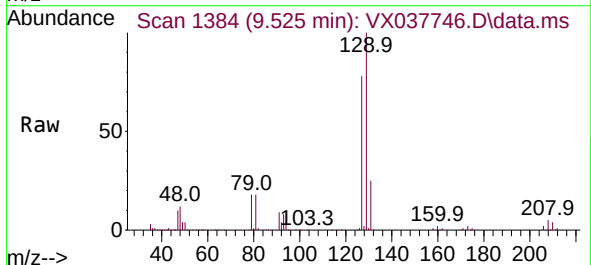
Manual Integrations
APPROVED

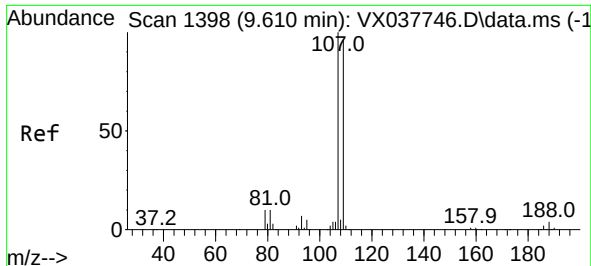
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#60
Dibromochloromethane
Concen: 52.971 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

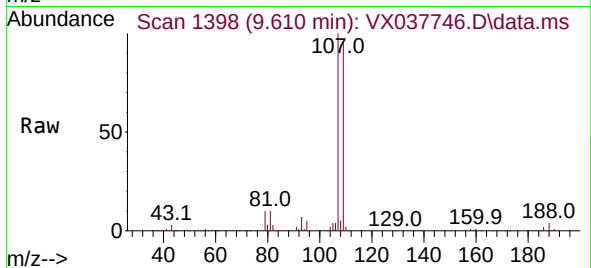
Tgt Ion:129 Resp: 174770
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.226 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

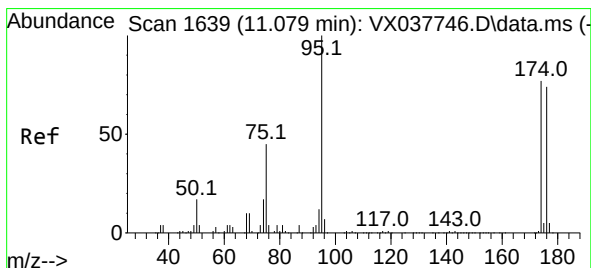
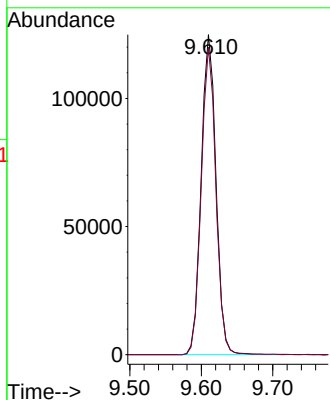
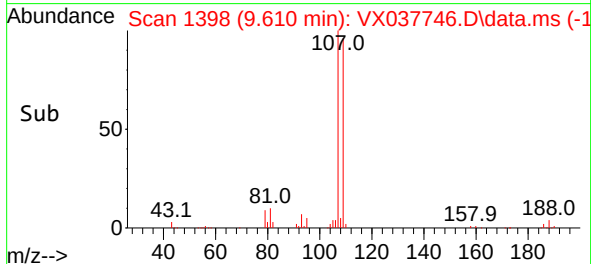
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 179632
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

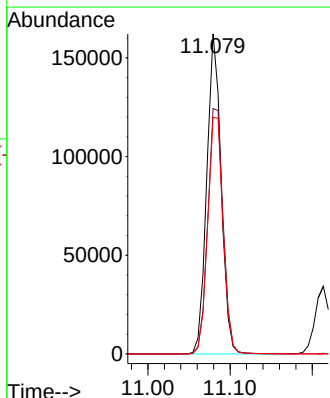
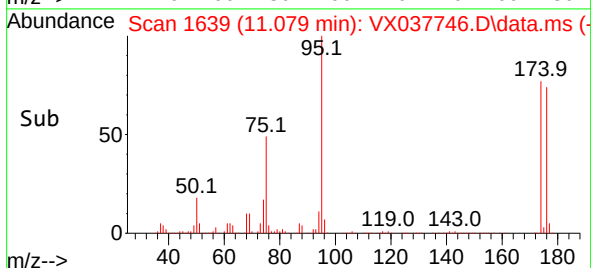
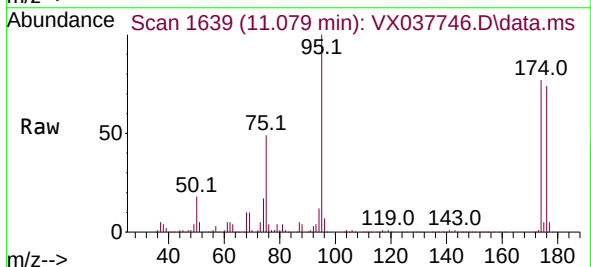
Manual Integrations
APPROVED

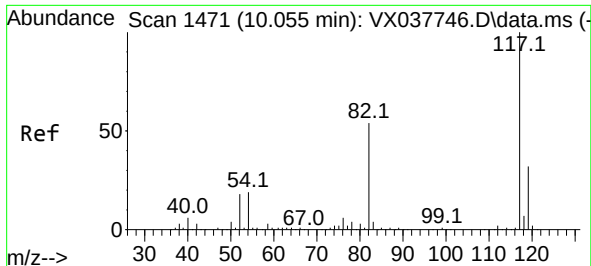
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#62
4-Bromofluorobenzene
Concen: 50.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

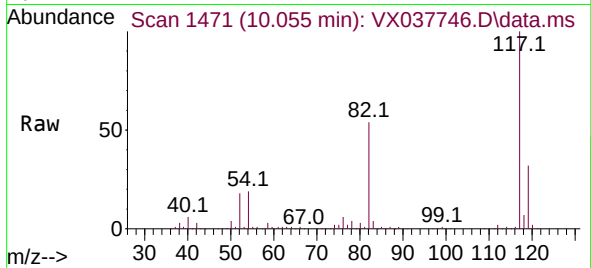
Tgt Ion: 95 Resp: 196656
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 79.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

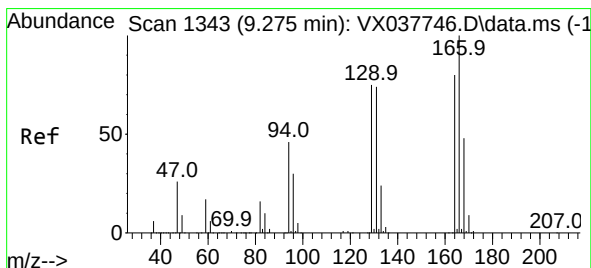
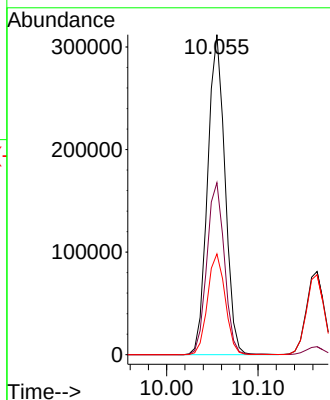
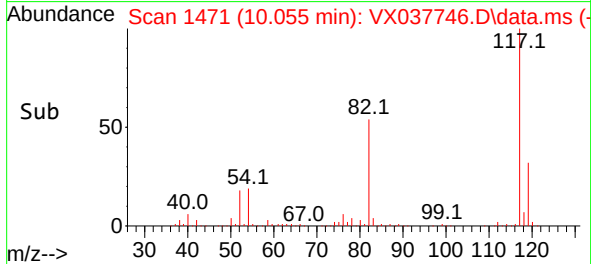
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 41093
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.5 25.5 38.3

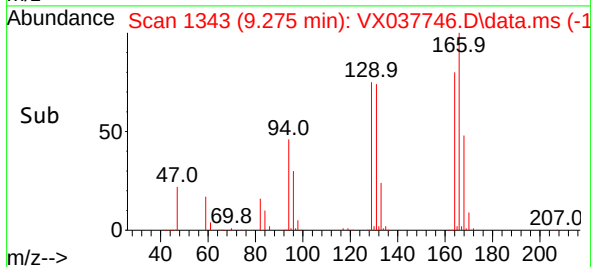
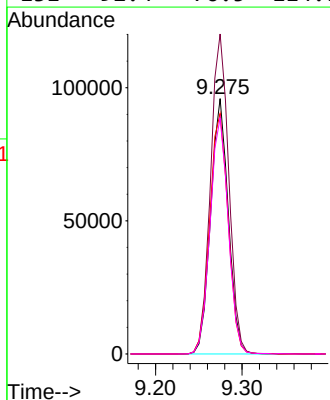
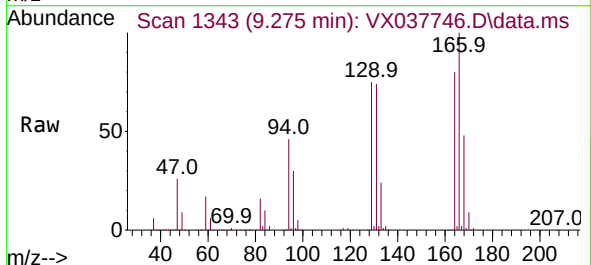
Manual Integrations
APPROVED

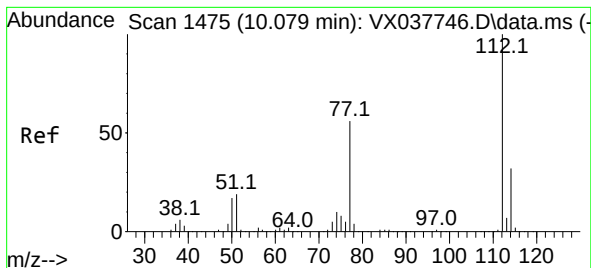
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 48.450 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion:164 Resp: 135780
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 94.2 80.4 120.6
131 92.4 76.5 114.7





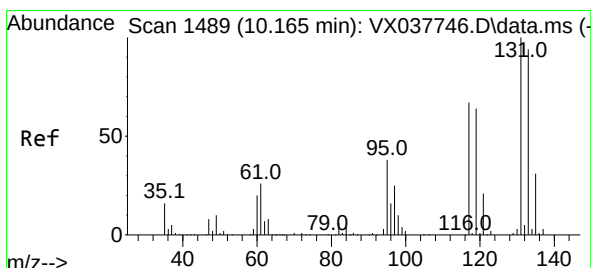
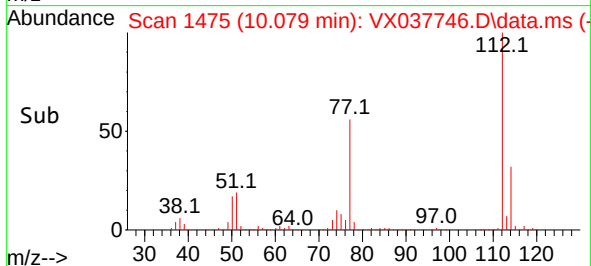
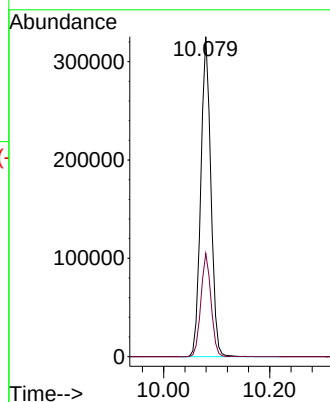
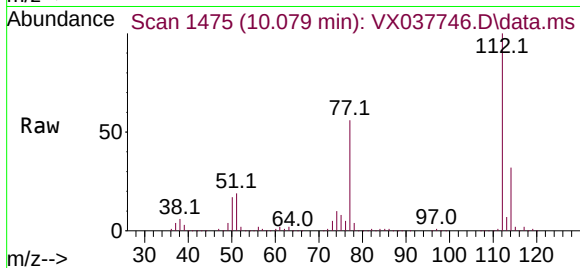
#65
Chlorobenzene
Concen: 48.504 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 42992
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

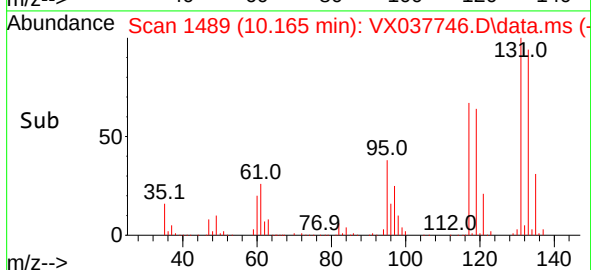
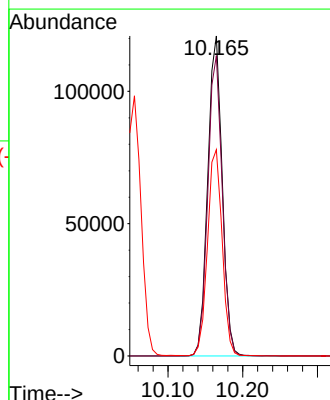
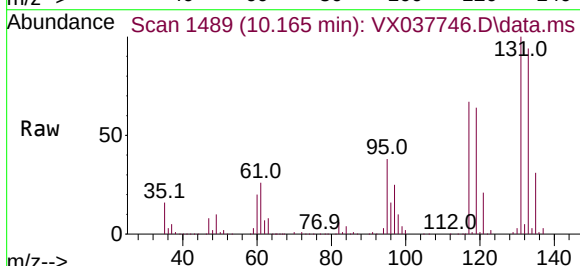
Manual Integrations
APPROVED

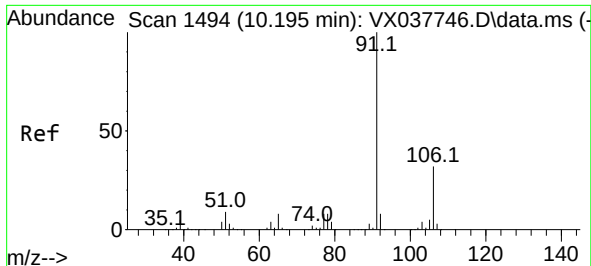
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.725 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion:131 Resp: 162476
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 65.4 32.2 96.6





#67

Ethyl Benzene

Concen: 50.061 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 769315

Ion Ratio Lower Upper

91 100

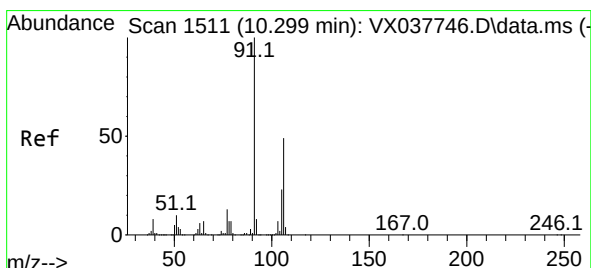
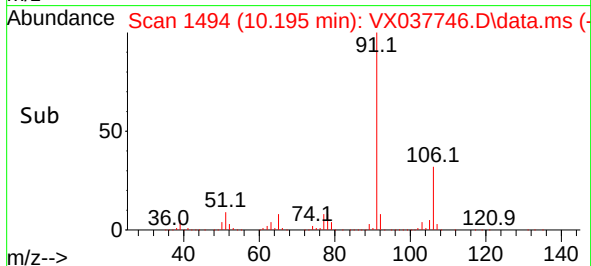
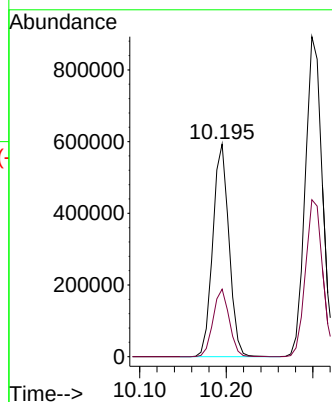
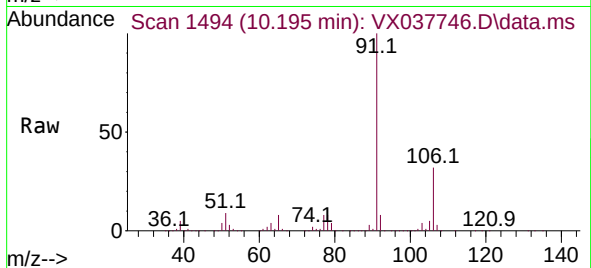
106 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#68

m/p-Xylenes

Concen: 101.121 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037746.D

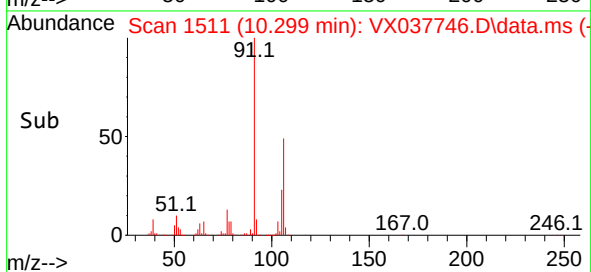
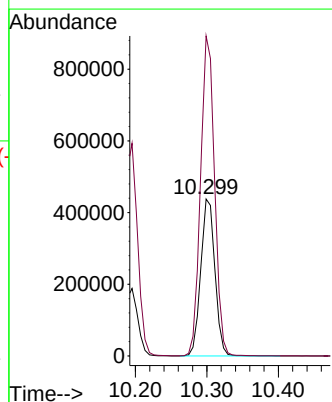
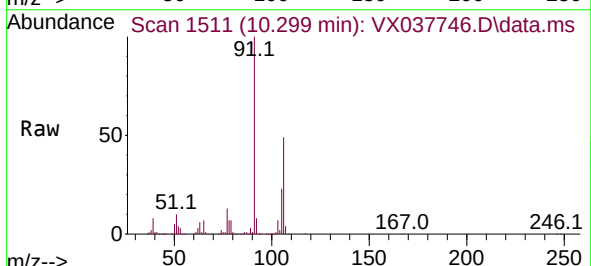
Acq: 15 Sep 2023 10:13

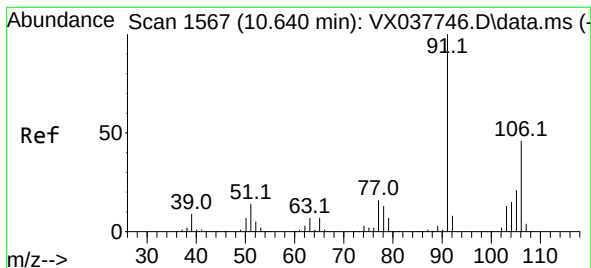
Tgt Ion:106 Resp: 600485

Ion Ratio Lower Upper

106 100

91 202.4 165.5 248.3





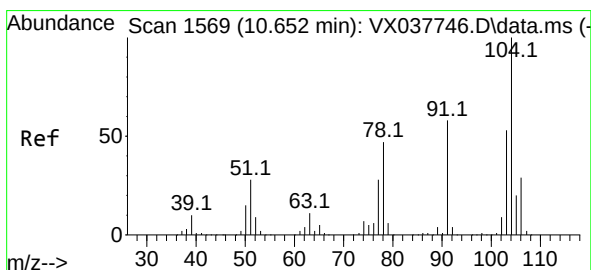
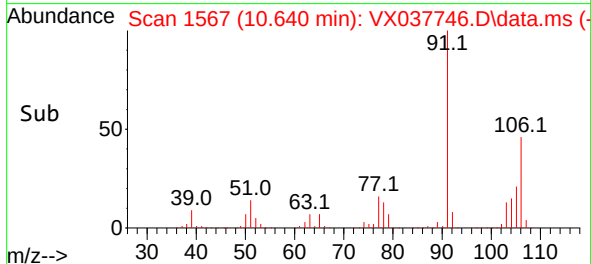
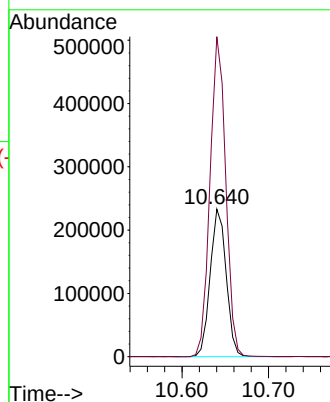
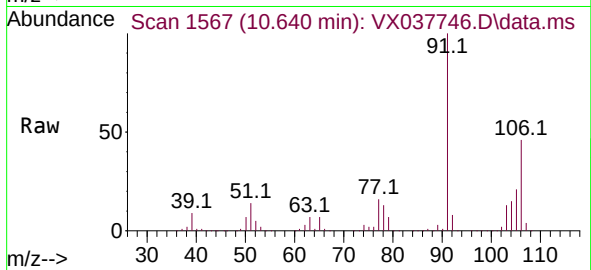
#69
o-Xylene
Concen: 50.233 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 299129
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8

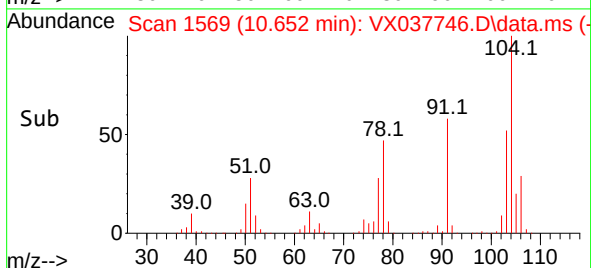
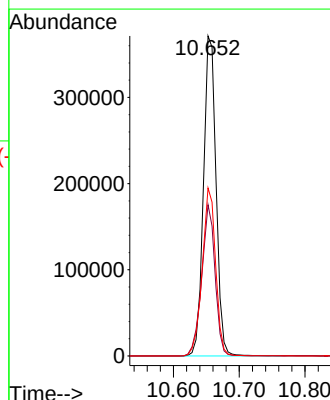
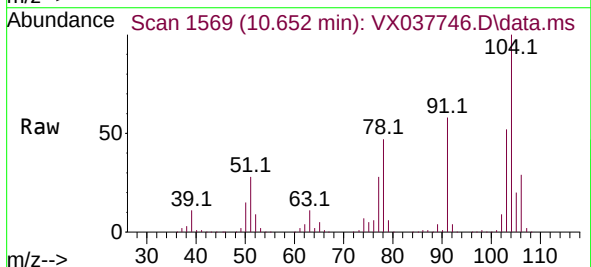
Manual Integrations
APPROVED

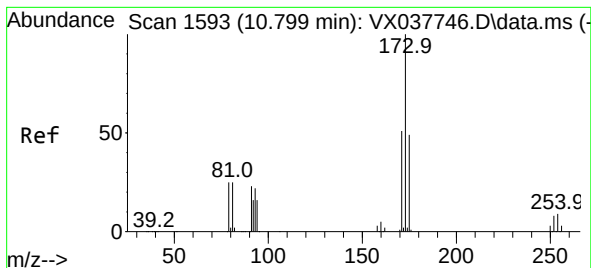
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 51.686 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion:104 Resp: 494103
Ion Ratio Lower Upper
104 100
78 50.2 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 52.834 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 130939

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

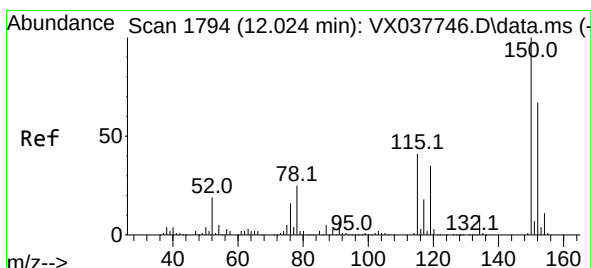
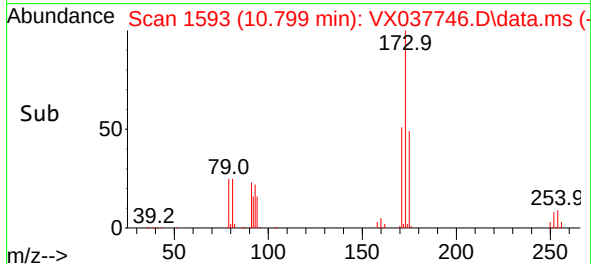
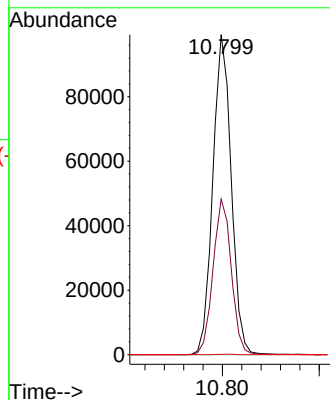
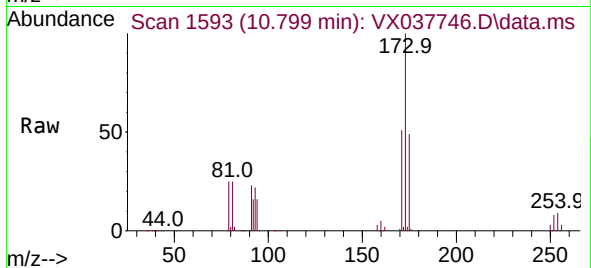
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

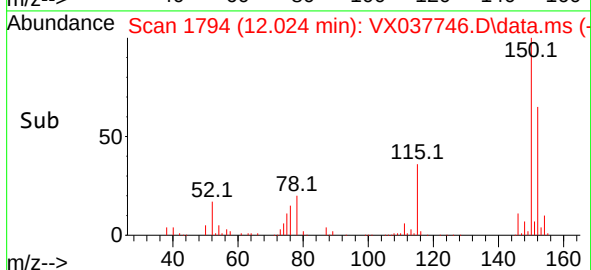
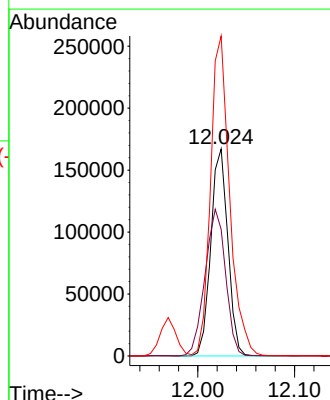
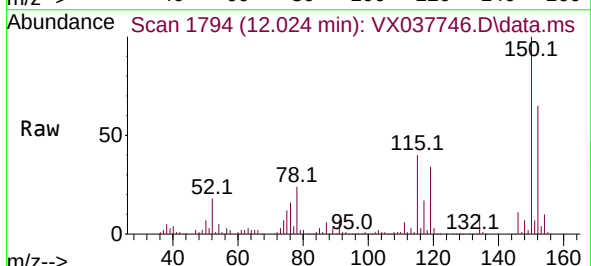
Tgt Ion:152 Resp: 205192

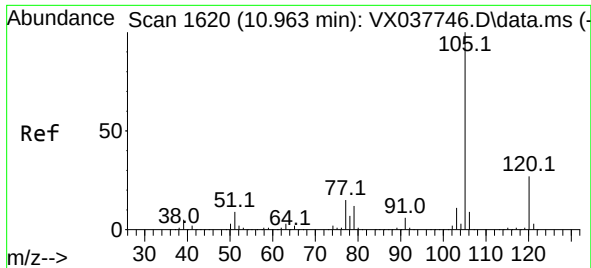
Ion Ratio Lower Upper

152 100

115 85.1 43.3 129.9

150 172.5 0.0 345.0





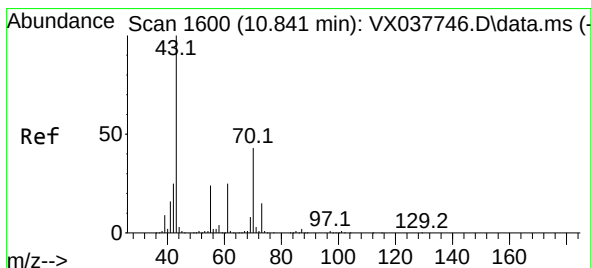
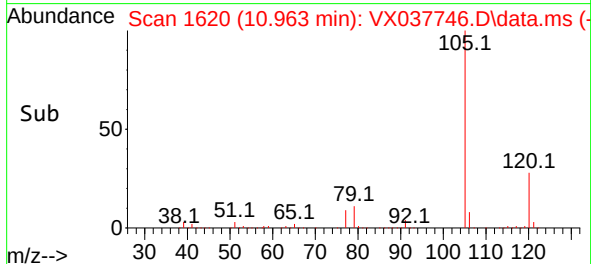
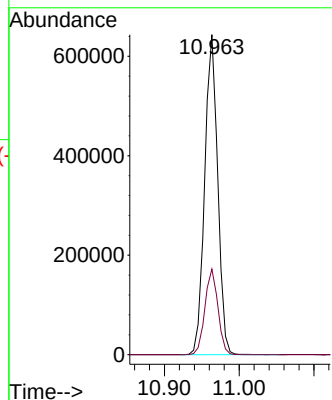
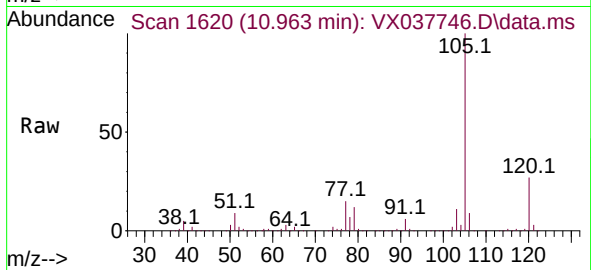
#73
Isopropylbenzene
Concen: 51.577 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 77644
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

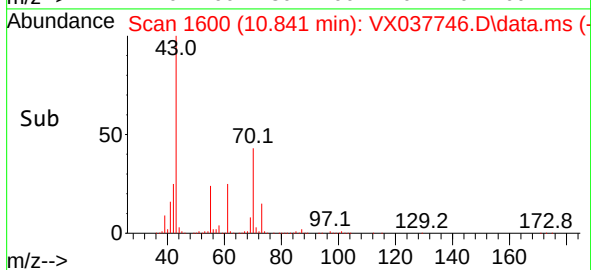
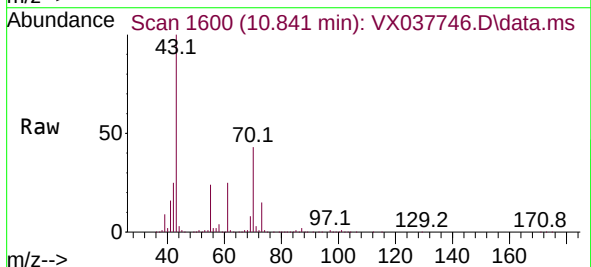
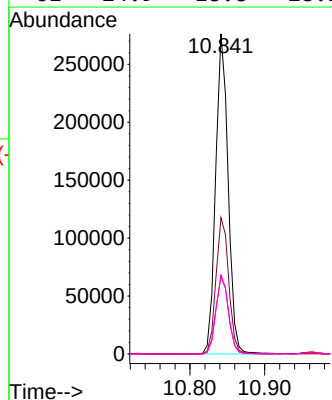
Manual Integrations
APPROVED

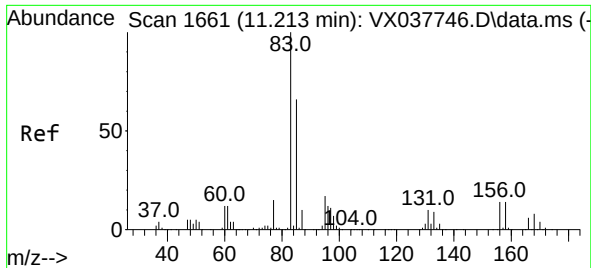
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#74
N-ethyl acetate
Concen: 52.428 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

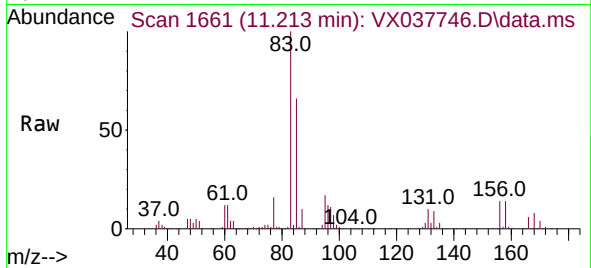
Tgt Ion: 43 Resp: 319637
Ion Ratio Lower Upper
43 100
70 43.6 32.9 49.3
55 24.7 19.3 28.9
61 24.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.495 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

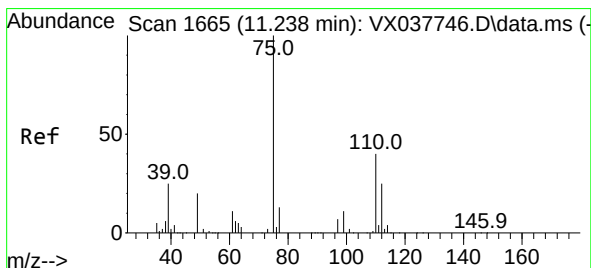
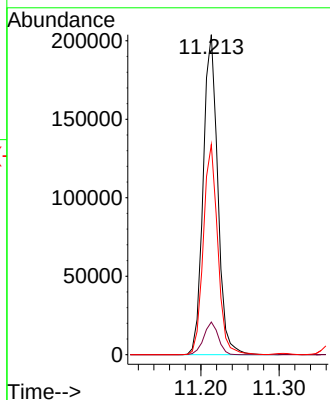
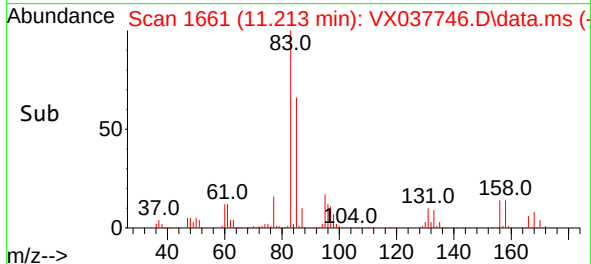
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



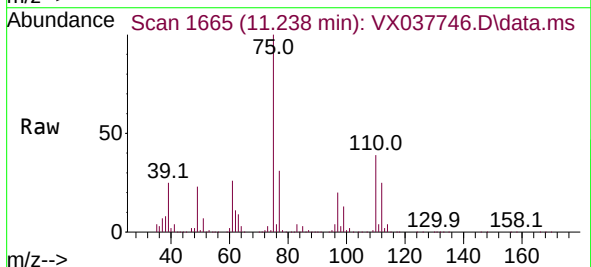
Tgt Ion: 83 Resp: 262045
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

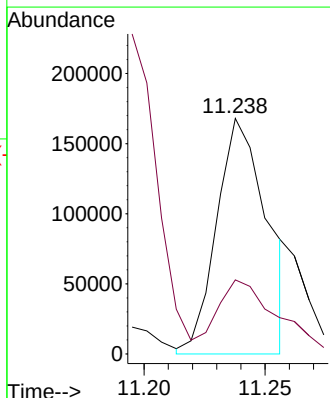
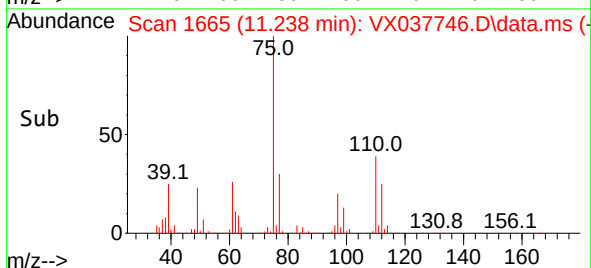
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

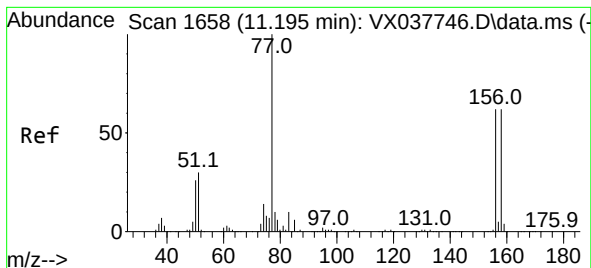


#76
1,2,3-Trichloropropane
Concen: 48.182 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13



Tgt Ion: 75 Resp: 241946
Ion Ratio Lower Upper
75 100
77 38.2 19.1 57.5





#77

Bromobenzene

Concen: 50.455 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 187998

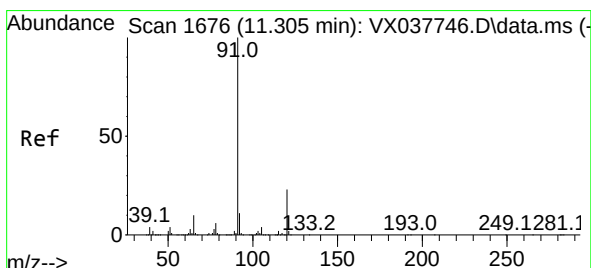
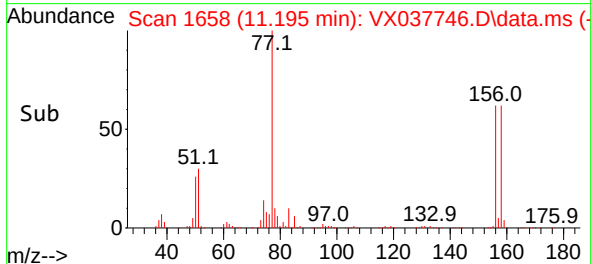
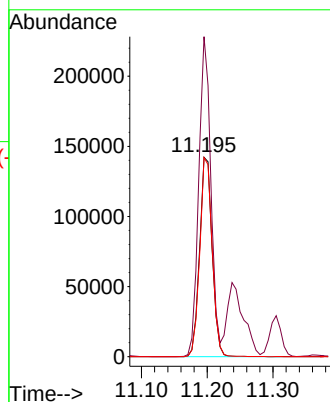
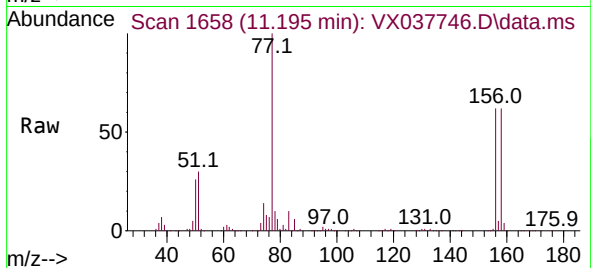
Ion	Ratio	Lower	Upper
156	100		
77	154.3	88.4	265.3
158	98.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 52.838 ug/l

RT: 11.305 min Scan# 1676

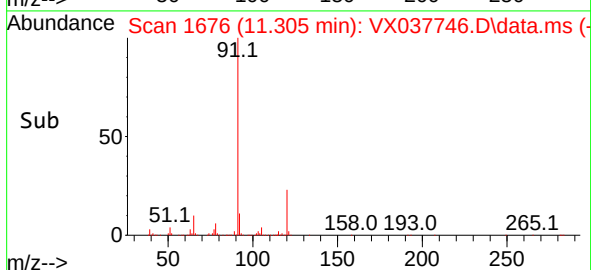
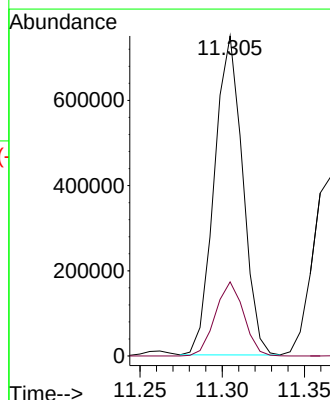
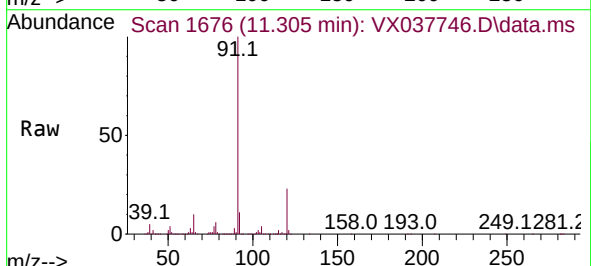
Delta R.T. -0.000 min

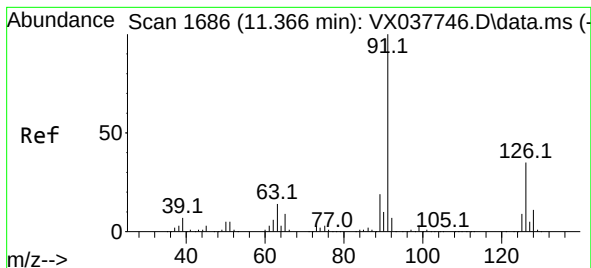
Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Tgt Ion: 91 Resp: 898303

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.4





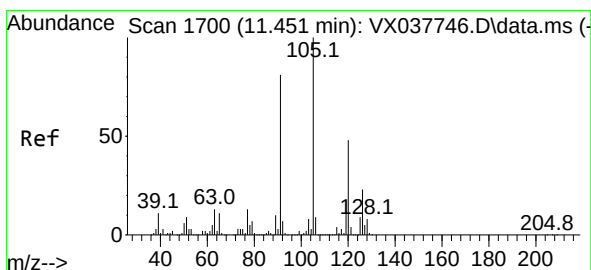
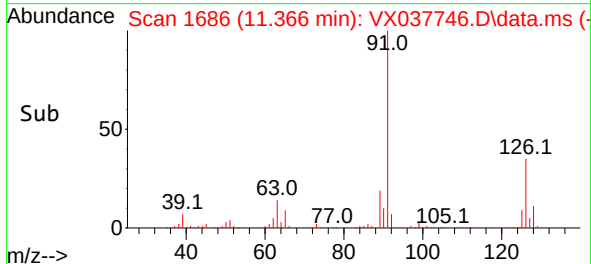
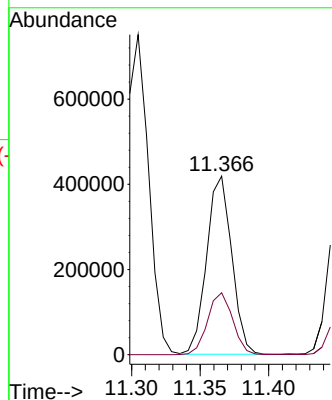
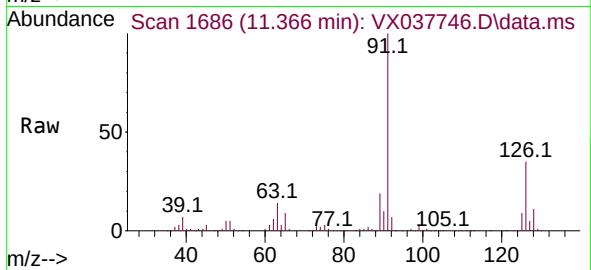
#79
2-Chlorotoluene
Concen: 50.690 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 531369
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

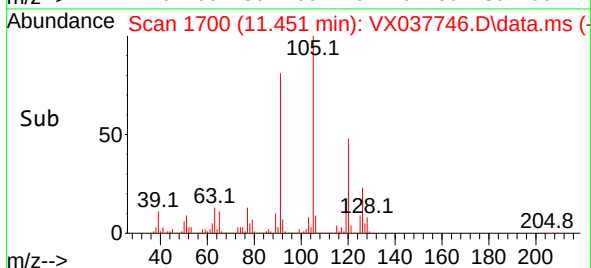
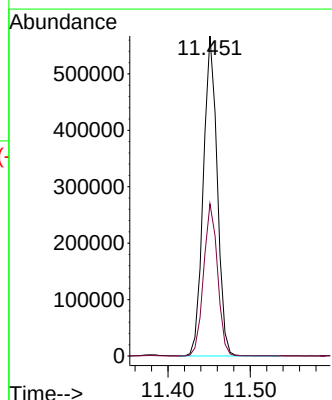
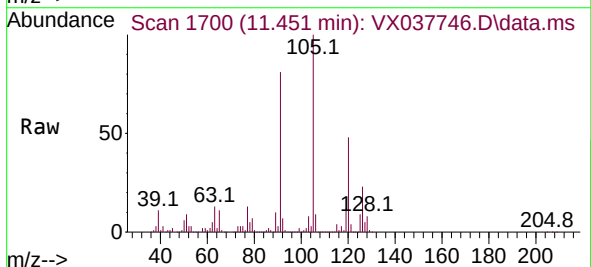
Manual Integrations
APPROVED

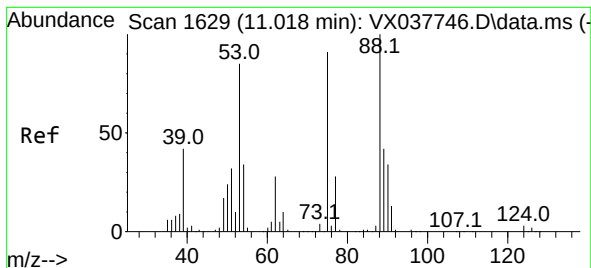
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.237 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

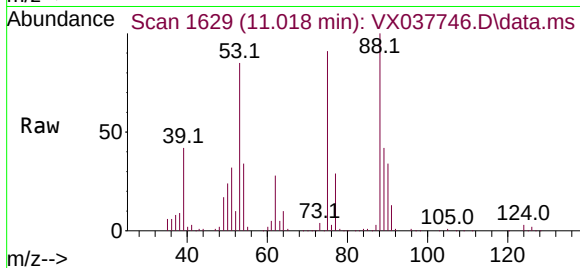
Tgt Ion:105 Resp: 664087
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.480 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

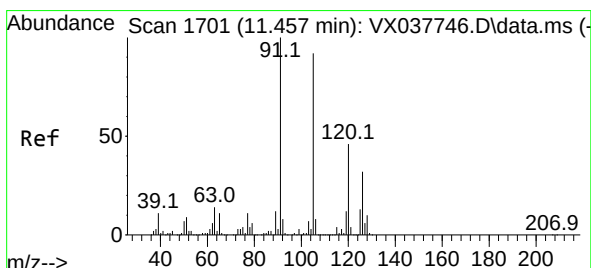
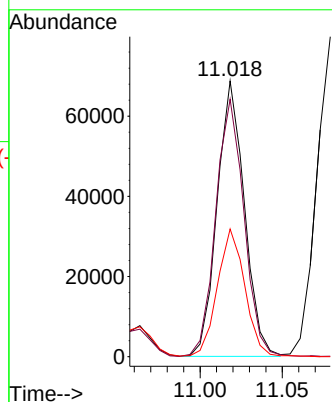
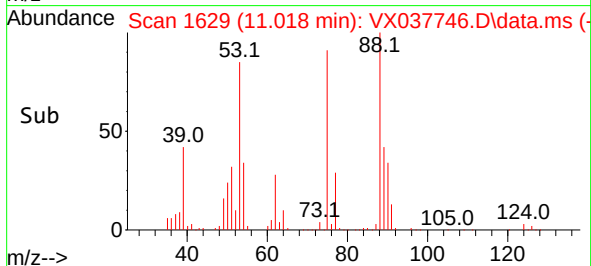
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 7923
Ion Ratio Lower Upper
75 100
53 96.6 90.5 135.7
89 46.9 36.9 55.3

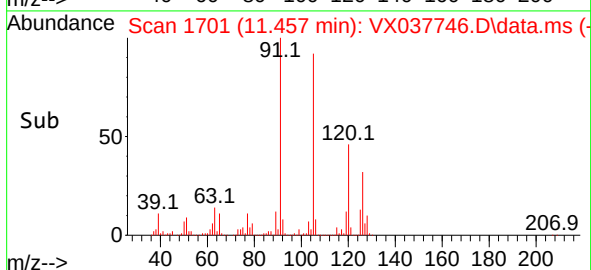
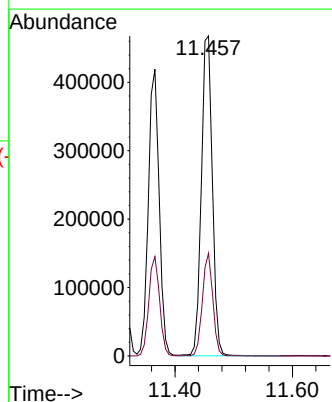
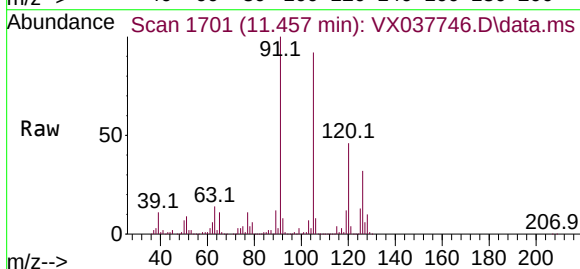
Manual Integrations
APPROVED

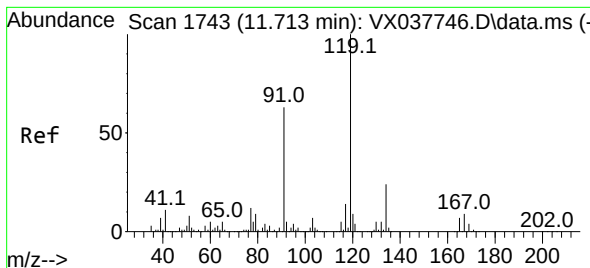
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#82
4-Chlorotoluene
Concen: 51.534 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

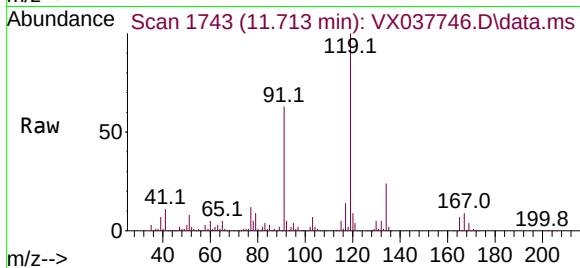
Tgt Ion: 91 Resp: 608183
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.282 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

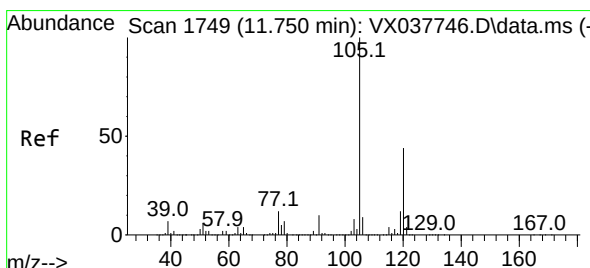
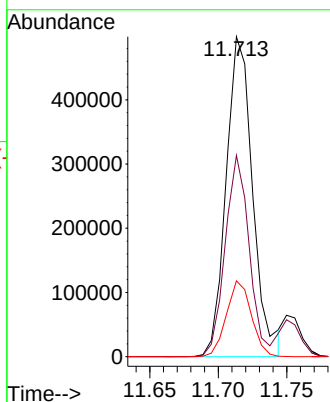
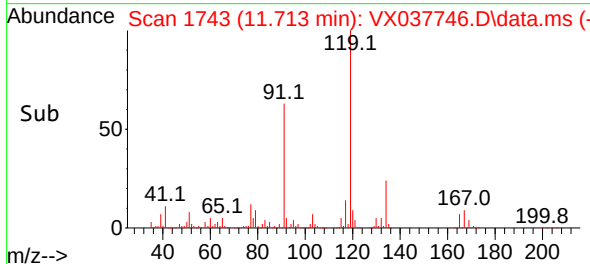
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 671758
Ion Ratio Lower Upper
119 100
91 57.0 31.2 93.6
134 22.3 11.7 35.0

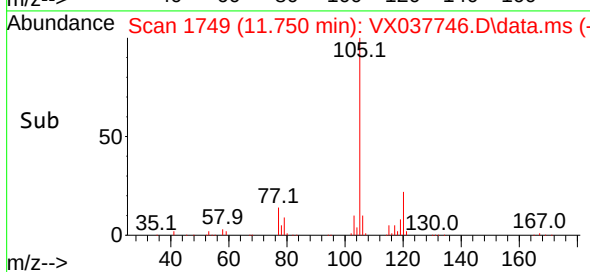
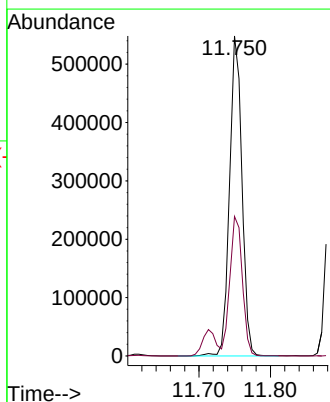
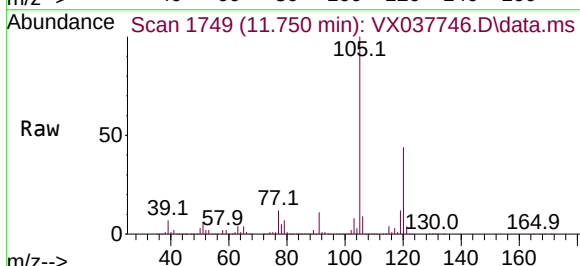
Manual Integrations
APPROVED

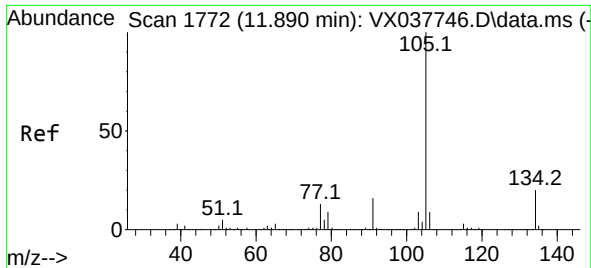
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.022 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion:105 Resp: 658015
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





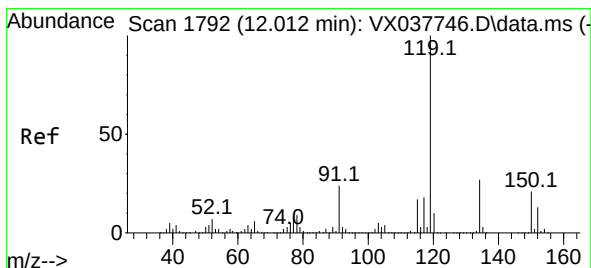
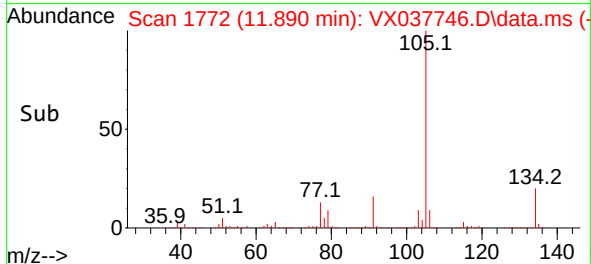
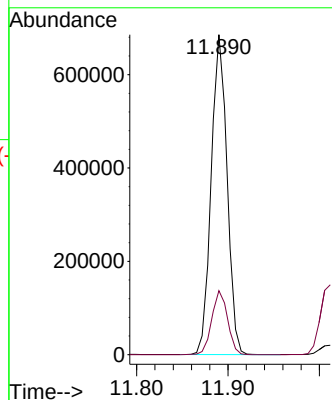
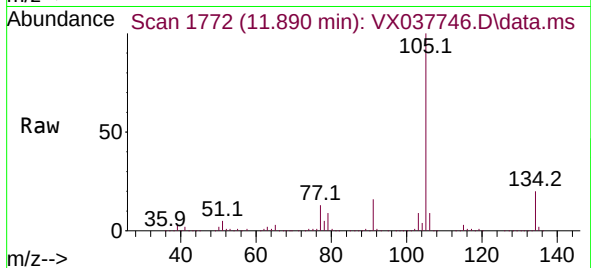
#85
 sec-Butylbenzene
 Concen: 52.752 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037746.D
 Acq: 15 Sep 2023 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 822300
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

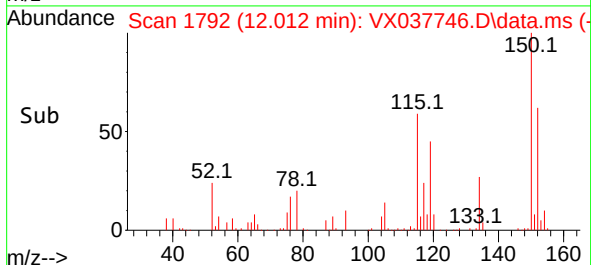
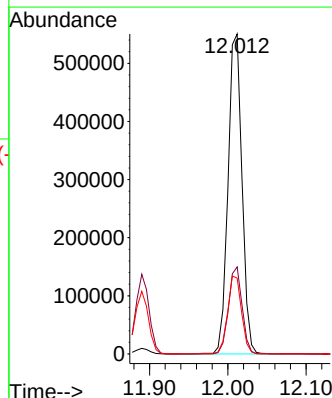
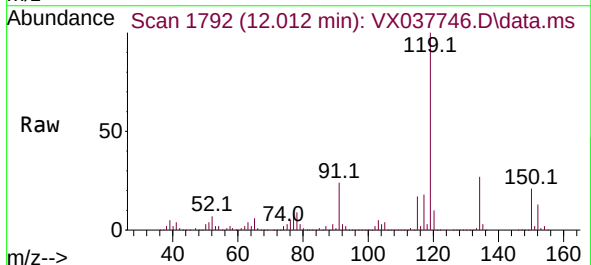
Manual Integrations
 APPROVED

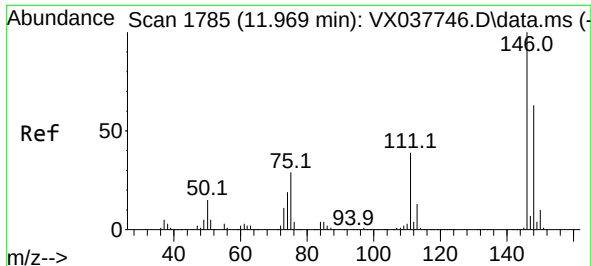
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#86
 p-Isopropyltoluene
 Concen: 52.579 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037746.D
 Acq: 15 Sep 2023 10:13

Tgt Ion:119 Resp: 681771
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.801 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 345898

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

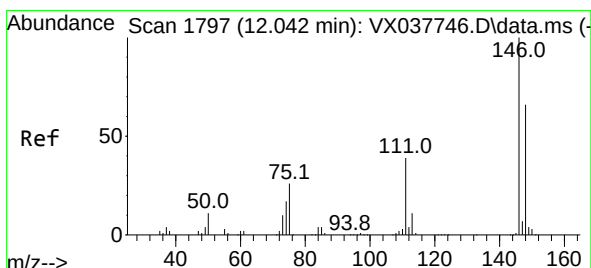
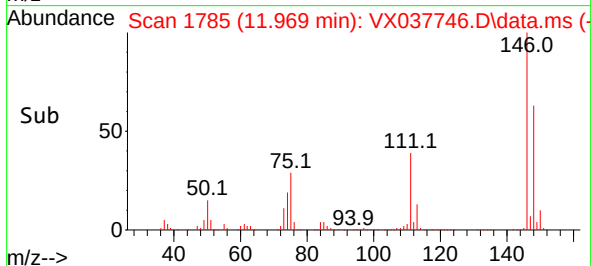
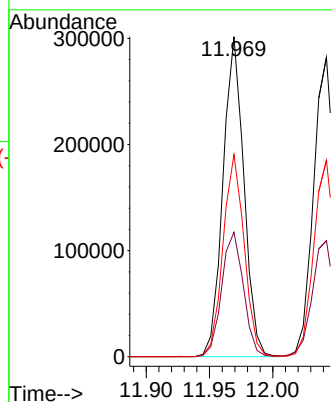
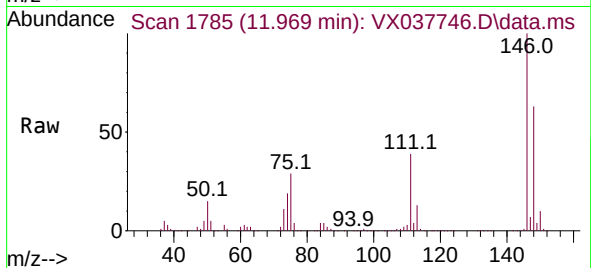
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#88

1,4-Dichlorobenzene

Concen: 48.586 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

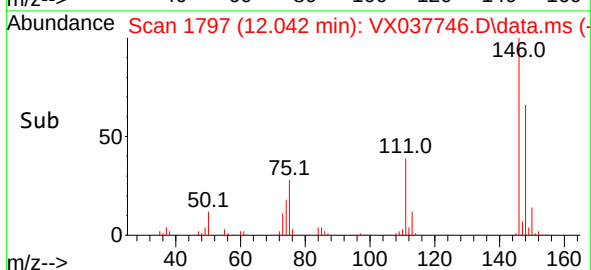
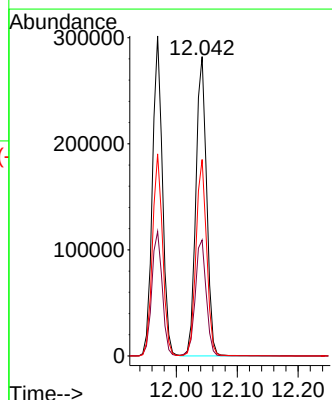
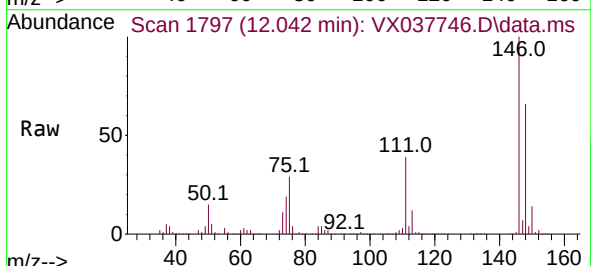
Tgt Ion:146 Resp: 344312

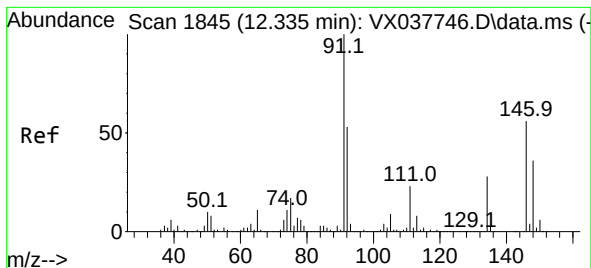
Ion Ratio Lower Upper

146 100

111 39.5 21.3 63.7

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 53.164 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

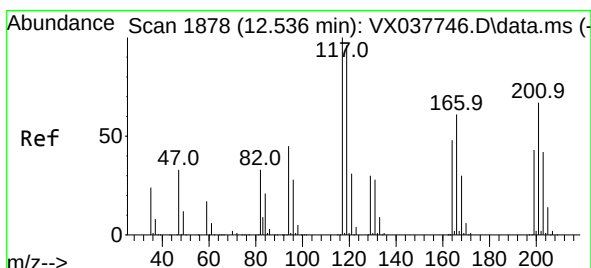
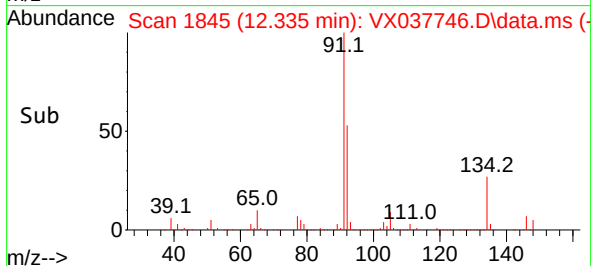
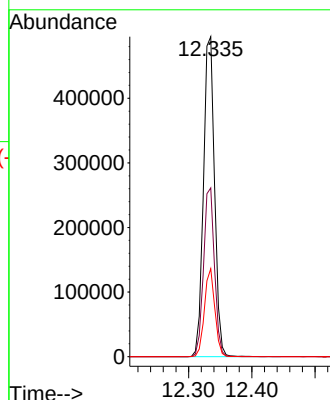
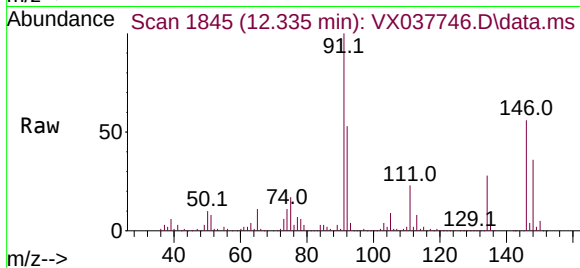
Tgt Ion:	91	Resp:	60485
Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.4	82.0
134	25.9	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#90

Hexachloroethane

Concen: 53.292 ug/l

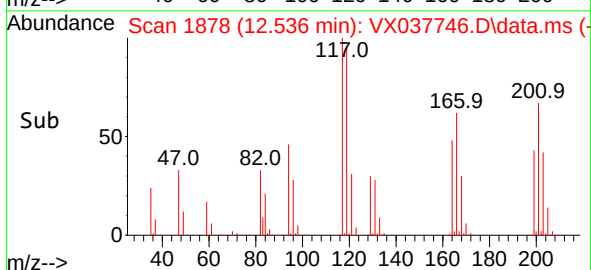
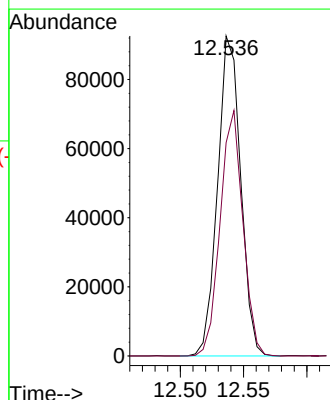
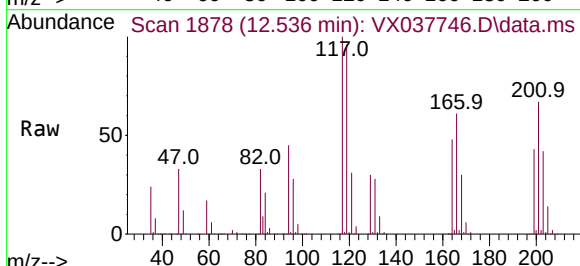
RT: 12.536 min Scan# 1878

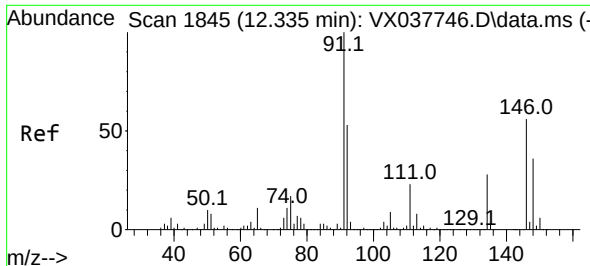
Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

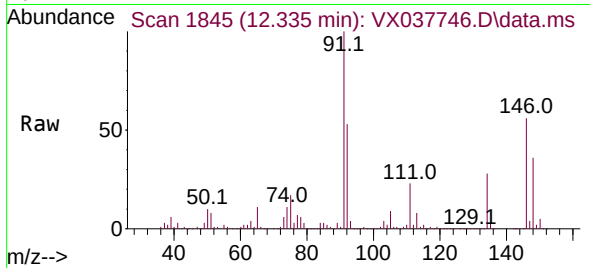
Tgt Ion:	117	Resp:	117268
Ion	Ratio	Lower	Upper
117	100		
201	75.6	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 48.832 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

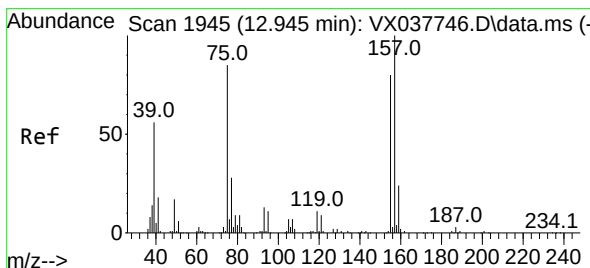
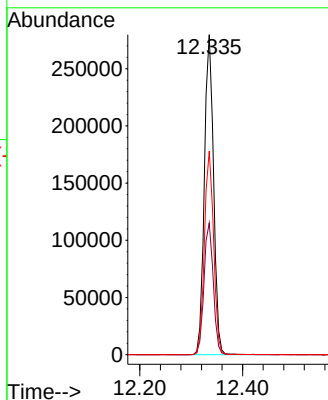
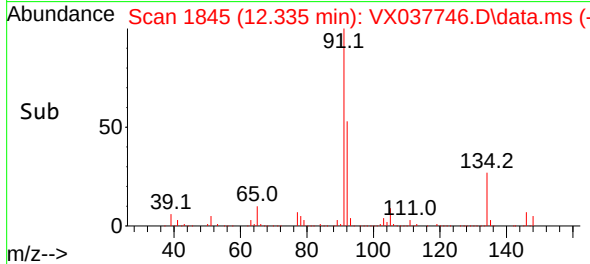
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 346280
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.0
148 63.6 31.6 95.0

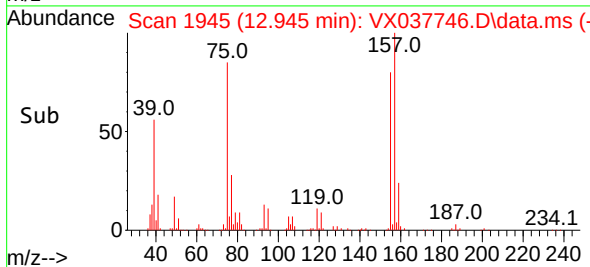
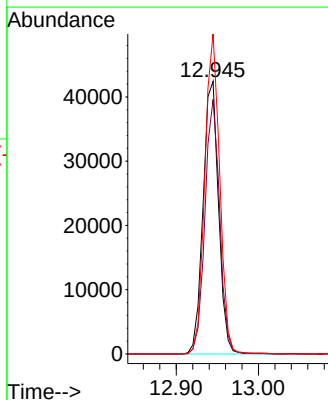
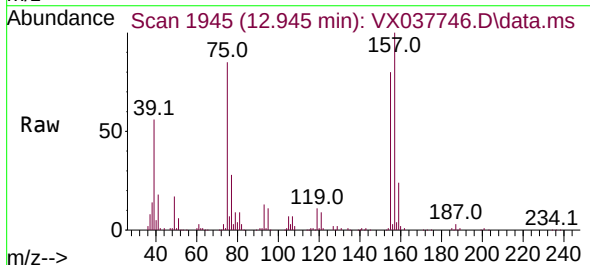
Manual Integrations
APPROVED

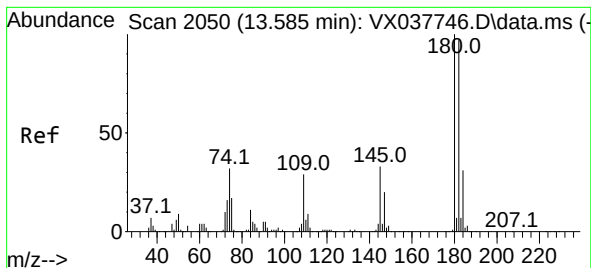
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.579 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion: 75 Resp: 55489
Ion Ratio Lower Upper
75 100
155 89.1 36.1 108.5
157 113.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.125 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

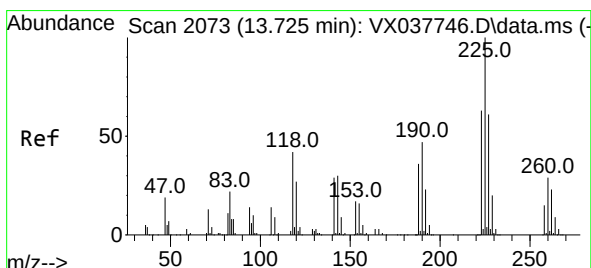
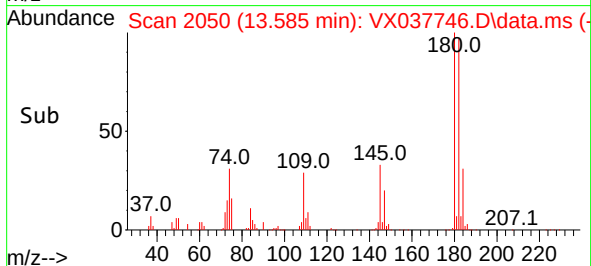
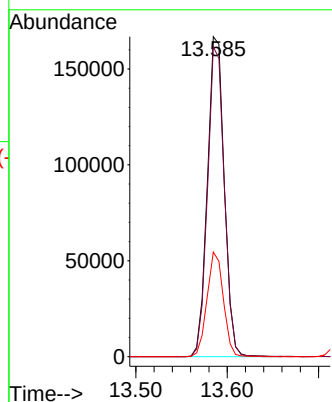
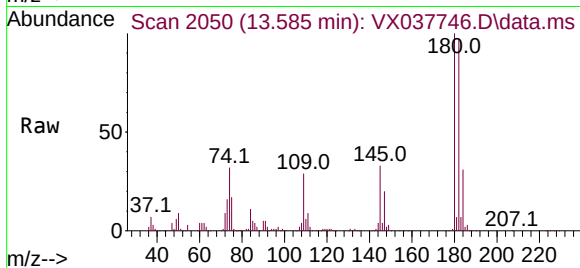
Tgt Ion:	180	Resp:	21355
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.3	144.8
145	31.7	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#94

Hexachlorobutadiene

Concen: 51.017 ug/l

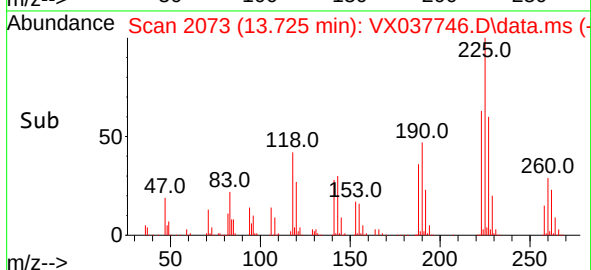
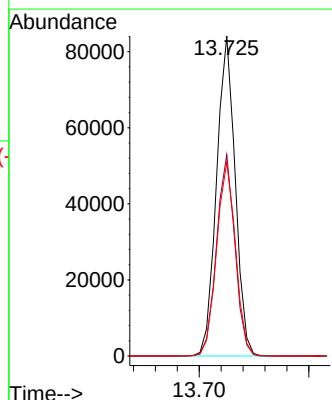
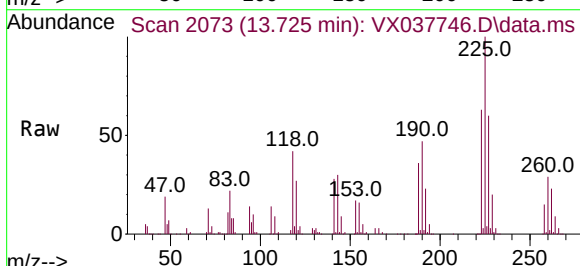
RT: 13.725 min Scan# 2073

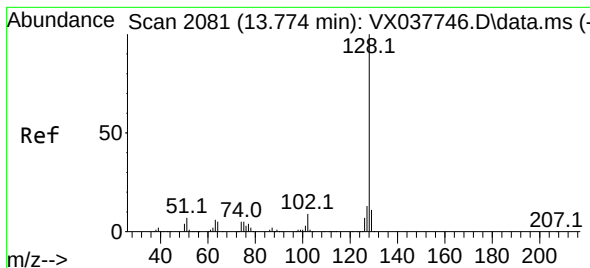
Delta R.T. -0.000 min

Lab File: VX037746.D

Acq: 15 Sep 2023 10:13

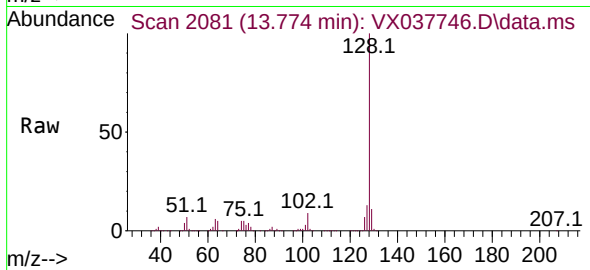
Tgt Ion:	225	Resp:	99452
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	61.4	32.5	97.5





#95
Naphthalene
Concen: 52.266 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

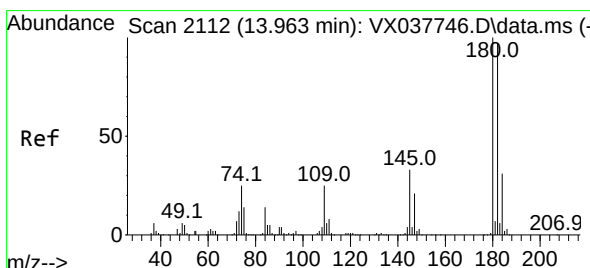
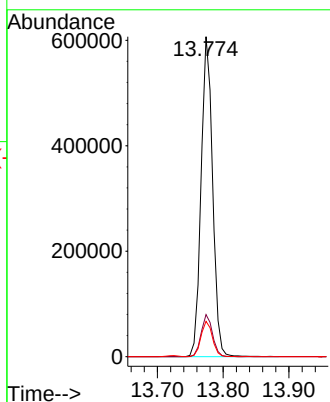
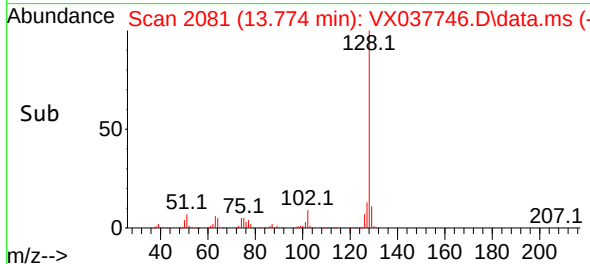
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 73837
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.592 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037746.D
Acq: 15 Sep 2023 10:13

Tgt Ion:180 Resp: 217481
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 33.0 17.8 53.5

