

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030964.D
 Acq On : 31 Aug 2022 01:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 03:20:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Mahesh Dadoda 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162043	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	126312	46.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	5.397	113	114935	46.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.720%
50) Toluene-d8	8.653	98	421914	46.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.085	95	152073	47.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	98353	48.620	ug/l	95
3) Chloromethane	1.288	50	90831	44.551	ug/l	95
4) Vinyl Chloride	1.374	62	106639	44.274	ug/l	96
5) Bromomethane	1.605	94	34001	45.267	ug/l	99
6) Chloroethane	1.678	64	62418	43.100	ug/l	98
7) Trichlorofluoromethane	1.886	101	164830	44.995	ug/l	95
8) Diethyl Ether	2.136	74	61499	43.500	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	107399	45.589	ug/l	97
10) Methyl Iodide	2.453	142	116392	52.929	ug/l	94
11) Tert butyl alcohol	2.983	59	153842	236.767	ug/l	99
12) 1,1-Dichloroethene	2.319	96	108862	46.846	ug/l	95
13) Acrolein	2.239	56	82762	250.883	ug/l	99
14) Allyl chloride	2.660	41	169292	44.903	ug/l	96
15) Acrylonitrile	3.068	53	341904	238.294	ug/l	98
16) Acetone	2.386	43	275378	222.476	ug/l	99
17) Carbon Disulfide	2.508	76	271583	44.282	ug/l	98
18) Methyl Acetate	2.709	43	168452	46.391	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	360160	47.584	ug/l	92
20) Methylene Chloride	2.788	84	126557	44.970	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	117318	46.560	ug/l	96
22) Diisopropyl ether	3.770	45	358665	46.169	ug/l #	85
23) Vinyl Acetate	3.727	43	1469281	235.751	ug/l	98
24) 1,1-Dichloroethane	3.611	63	211022	46.384	ug/l	99
25) 2-Butanone	4.574	43	467265	233.192	ug/l	98
26) 2,2-Dichloropropane	4.477	77	96608	28.179	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	138050	47.544	ug/l	96
28) Bromochloromethane	4.904	49	66569	45.235	ug/l	87
29) Tetrahydrofuran	5.013	42	297528	229.526	ug/l	90
30) Chloroform	5.105	83	225134	47.703	ug/l	97
31) Cyclohexane	5.477	56	183898	45.305	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	191170	47.783	ug/l	97
36) 1,1-Dichloropropene	5.696	75	158486	43.471	ug/l	99
37) Ethyl Acetate	4.715	43	180612	47.122	ug/l	99
38) Carbon Tetrachloride	5.684	117	161115	46.419	ug/l	98
39) Methylcyclohexane	7.391	83	205888	46.170	ug/l	92
40) Benzene	6.044	78	503267	47.895	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	97220	46.700	ug/l	95
42) 1,2-Dichloroethane	6.092	62	163237	46.766	ug/l	100
43) Isopropyl Acetate	6.348	43	275219	46.274	ug/l	98
44) Trichloroethene	7.129	130	142083	45.899	ug/l	87
45) 1,2-Dichloropropane	7.440	63	128640	45.864	ug/l	99
46) Dibromomethane	7.586	93	89549	46.752	ug/l	94
47) Bromodichloromethane	7.824	83	174145	47.293	ug/l	100
48) Methyl methacrylate	7.696	41	144795	48.637	ug/l	94
49) 1,4-Dioxane	7.677	88	73559	940.186	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	855950	218.045	ug/l	94
52) Toluene	8.720	92	300929	46.870	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	167830	45.170	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	186607	43.901	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	134392	48.256	ug/l	96
56) Ethyl methacrylate	9.116	69	202848	49.733	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	216462	47.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	510075	248.990	ug/l	99
59) 2-Hexanone	9.433	43	688247	235.773	ug/l	91
60) Dibromochloromethane	9.525	129	137102	49.534	ug/l	98
61) 1,2-Dibromoethane	9.610	107	148983	51.814	ug/l	93
64) Tetrachloroethene	9.281	164	137527	48.251	ug/l	97
65) Chlorobenzene	10.086	112	331233	46.486	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	121231	48.019	ug/l	98
67) Ethyl Benzene	10.195	91	588653	46.574	ug/l	98
68) m/p-Xylenes	10.305	106	459614	96.005	ug/l	100
69) o-Xylene	10.646	106	224218	47.854	ug/l	94
70) Styrene	10.659	104	377856	47.771	ug/l	99
71) Bromoform	10.805	173	100181	50.570	ug/l	99
73) Isopropylbenzene	10.963	105	605886	47.261	ug/l	98
74) N-amyl acetate	10.848	43	232840	46.979	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	195261	44.458	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	180104m	45.147	ug/l	
77) Bromobenzene	11.201	156	142573	45.893	ug/l	99
78) n-propylbenzene	11.305	91	704955	46.921	ug/l	100
79) 2-Chlorotoluene	11.366	91	410040	43.941	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	512547	47.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	54662	40.738	ug/l	93
82) 4-Chlorotoluene	11.457	91	465400	44.613	ug/l	99
83) tert-Butylbenzene	11.719	119	500053	47.156	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	522094	47.211	ug/l	98
85) sec-Butylbenzene	11.896	105	660723	48.006	ug/l	99
86) p-Isopropyltoluene	12.012	119	540729	47.357	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	285711	46.645	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	288300	45.905	ug/l	98
89) n-Butylbenzene	12.335	91	482666	45.165	ug/l	97
90) Hexachloroethane	12.542	117	99173	49.470	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	288205	46.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51143	46.681	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	180704	45.497	ug/l	100
94) Hexachlorobutadiene	13.725	225	71541	42.416	ug/l	99
95) Naphthalene	13.780	128	689984	48.574	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	194165	48.418	ug/l	99

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

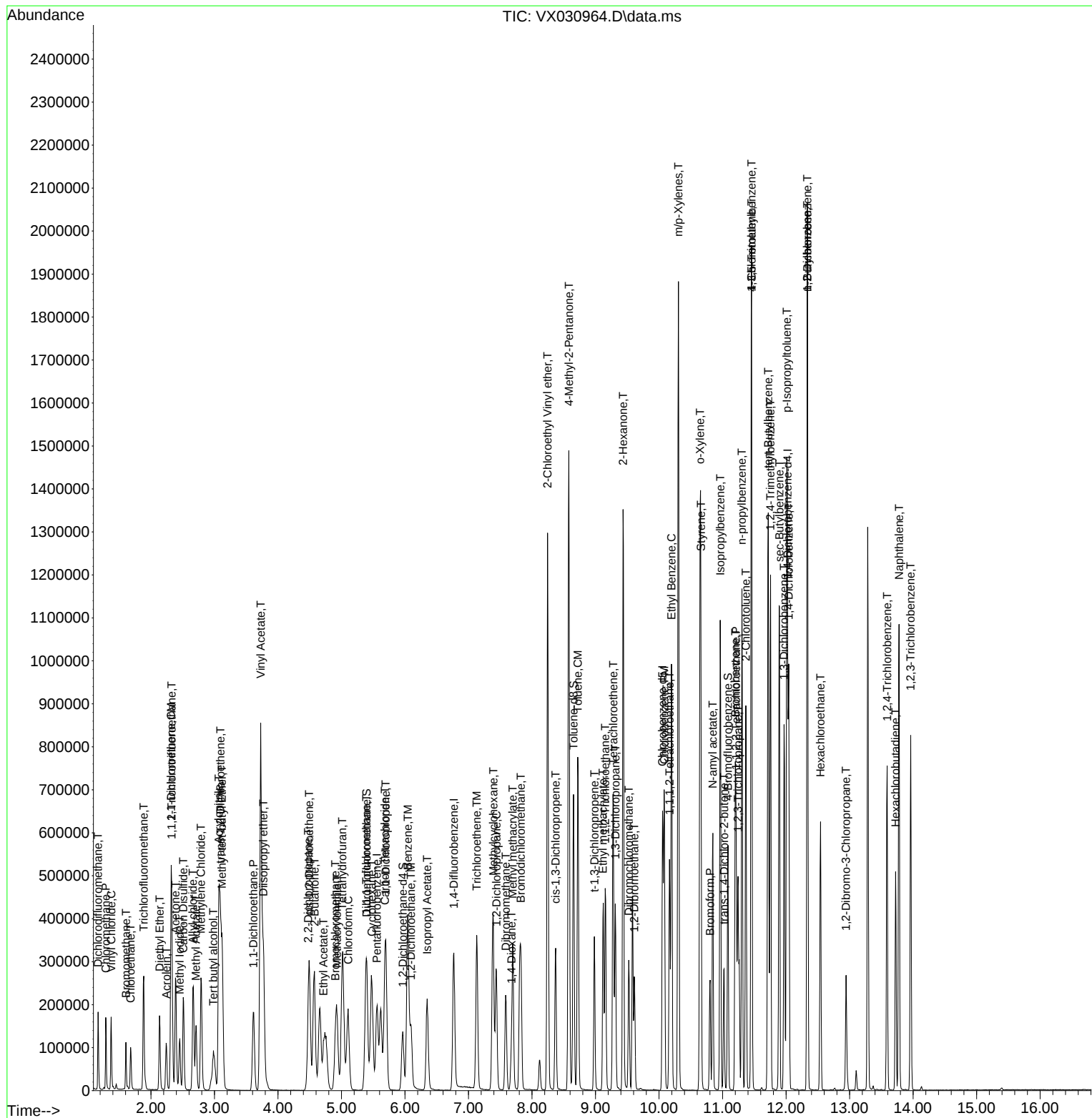
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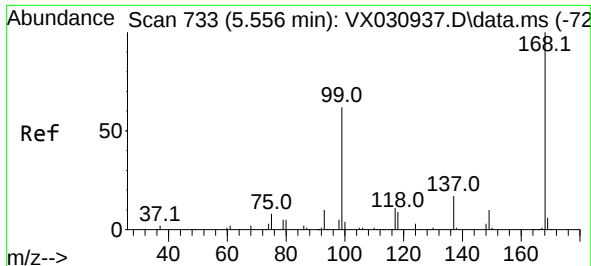
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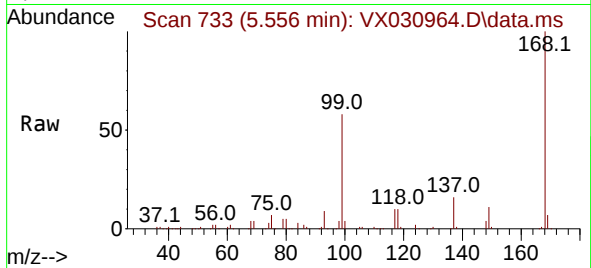
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

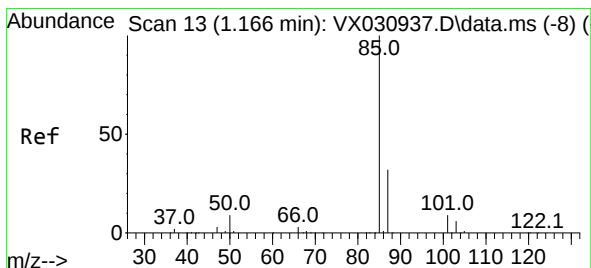
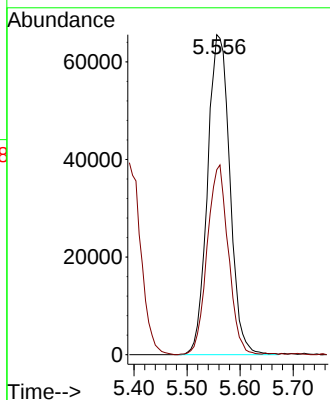
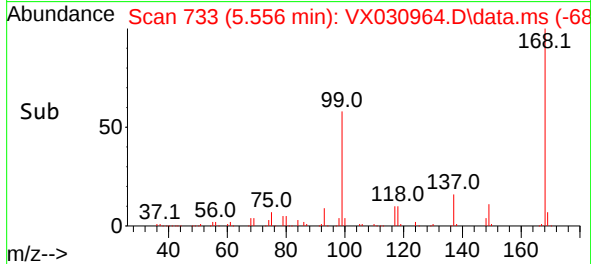
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 19121
Ion Ratio Lower Upper
168 100
99 57.8 44.0 66.0

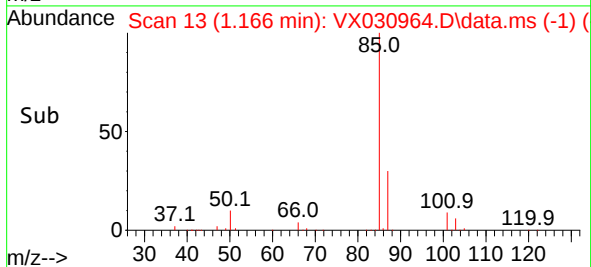
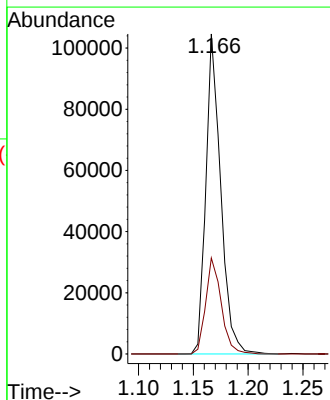
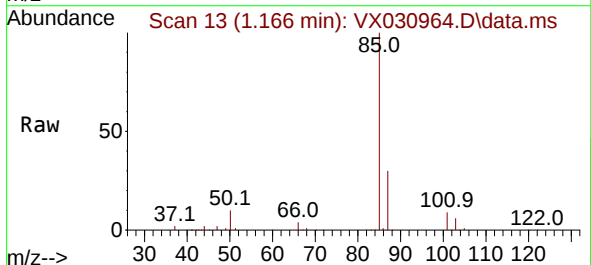
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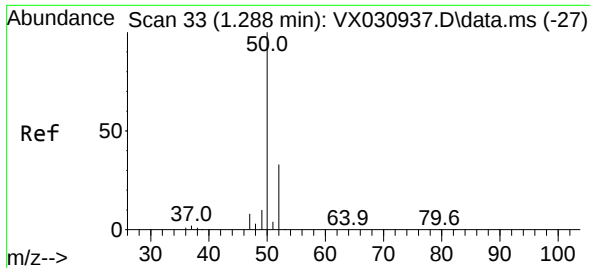
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#2
Dichlorodifluoromethane
Concen: 48.620 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

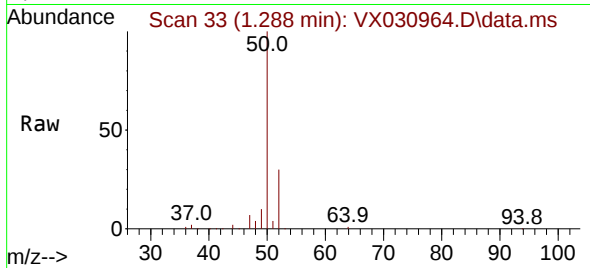
Tgt Ion: 85 Resp: 98353
Ion Ratio Lower Upper
85 100
87 30.0 16.5 49.5





#3
Chloromethane
Concen: 44.551 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

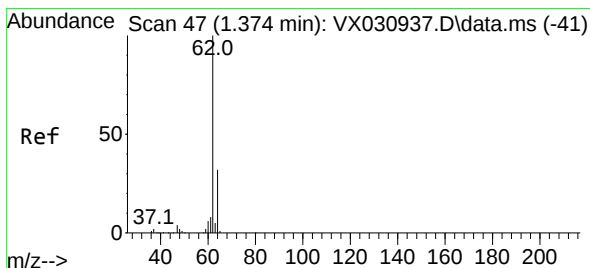
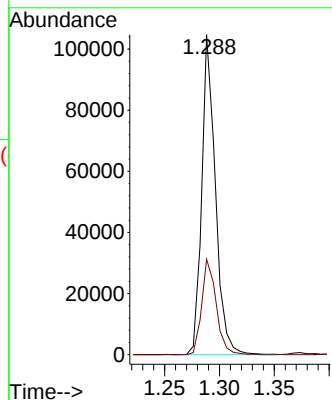
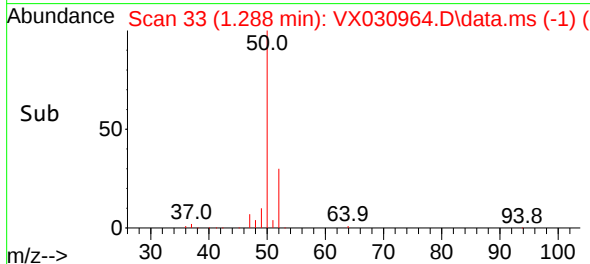
Instrument :
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Tgt Ion: 50 Resp: 9083
Ion Ratio Lower Upper
50 100
52 29.8 26.3 39.5

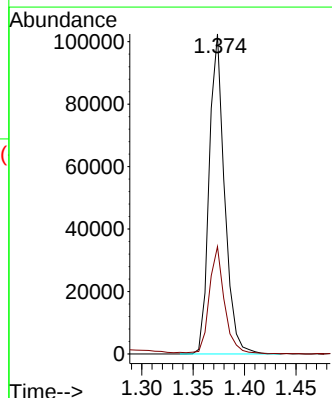
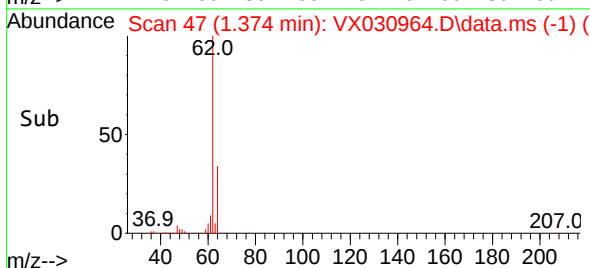
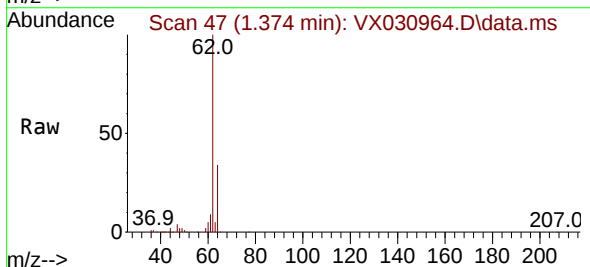
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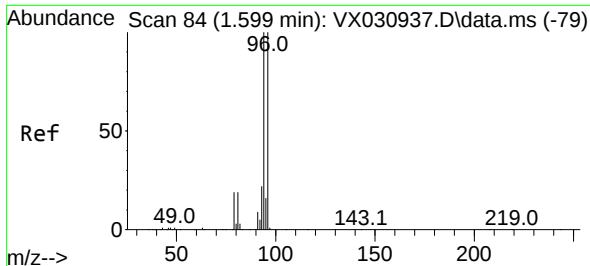
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#4
Vinyl Chloride
Concen: 44.274 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

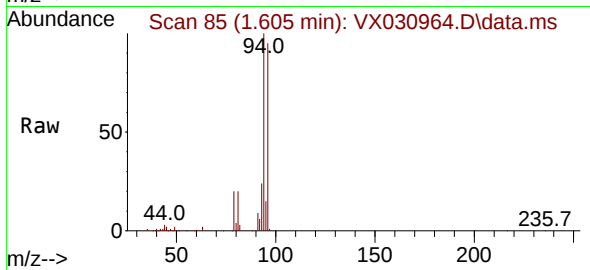
Tgt Ion: 62 Resp: 106639
Ion Ratio Lower Upper
62 100
64 33.5 25.2 37.8





#5
Bromomethane
Concen: 45.267 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

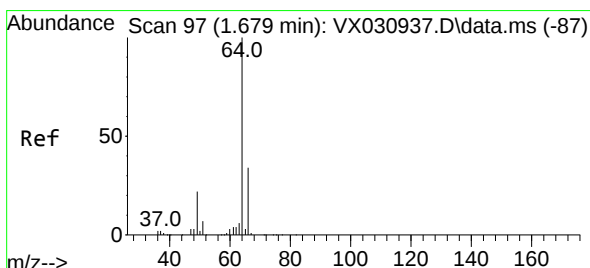
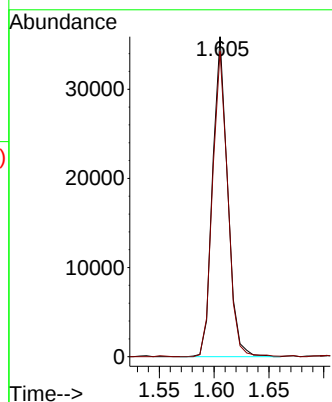
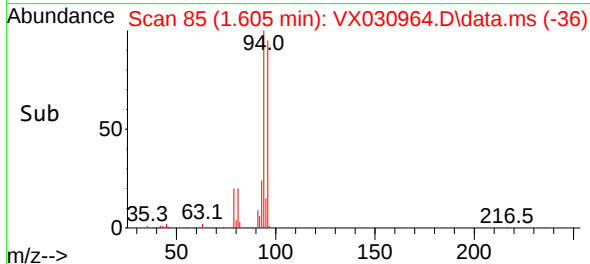
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Tgt Ion: 94 Resp: 3400
Ion Ratio Lower Upper
94 100
96 95.4 76.9 115.3

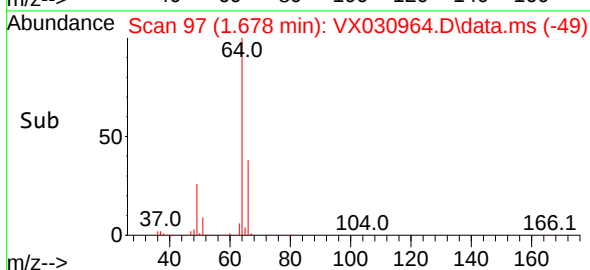
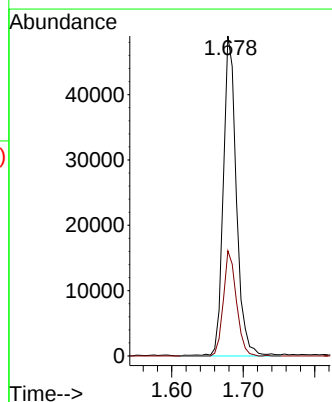
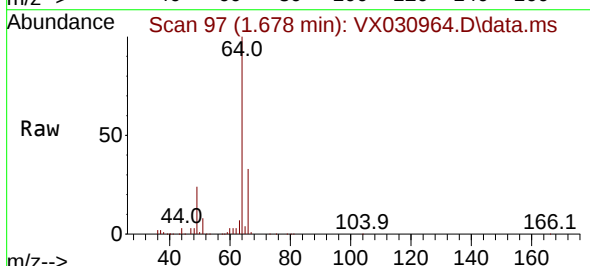
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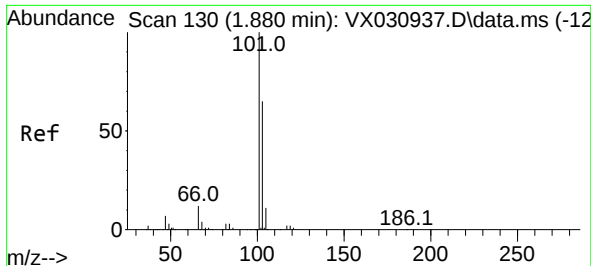
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#6
Chloroethane
Concen: 43.100 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

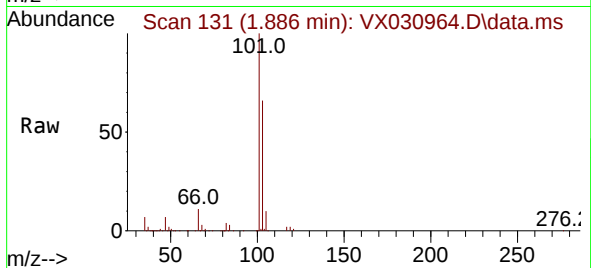
Tgt Ion: 64 Resp: 62418
Ion Ratio Lower Upper
64 100
66 32.9 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 44.995 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030964.D
 Acq: 31 Aug 2022 01:14

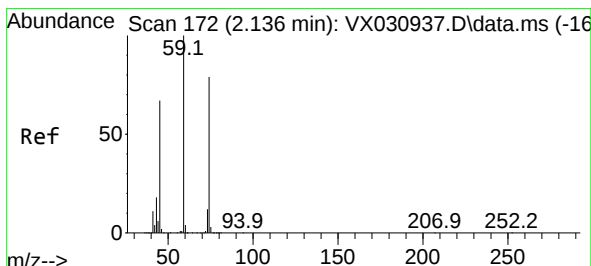
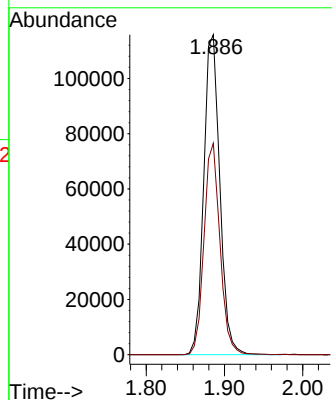
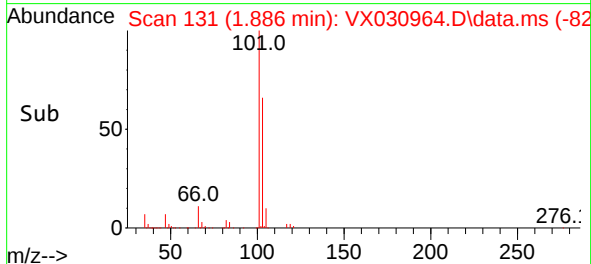
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Tgt Ion:101 Resp: 164830
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.7 74.5

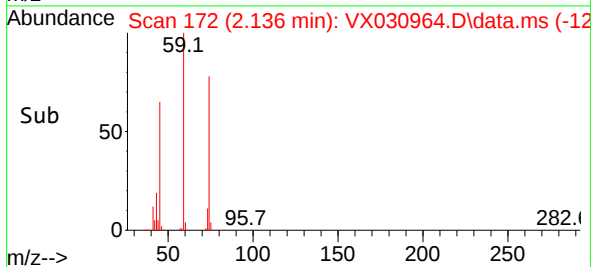
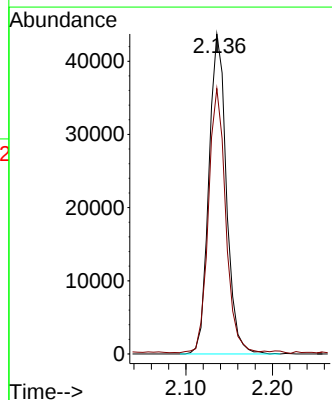
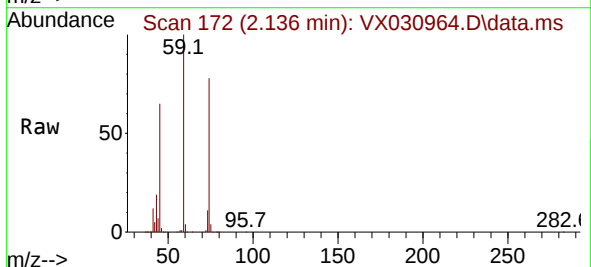
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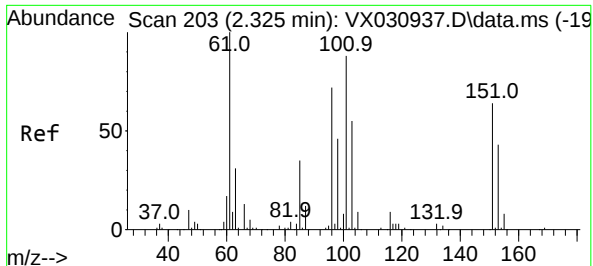
Reviewed By :John Carlone 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022



#8
 Diethyl Ether
 Concen: 43.500 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030964.D
 Acq: 31 Aug 2022 01:14

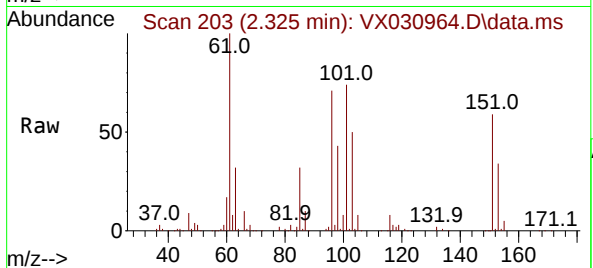
Tgt Ion: 74 Resp: 61499
 Ion Ratio Lower Upper
 74 100
 45 81.5 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.589 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

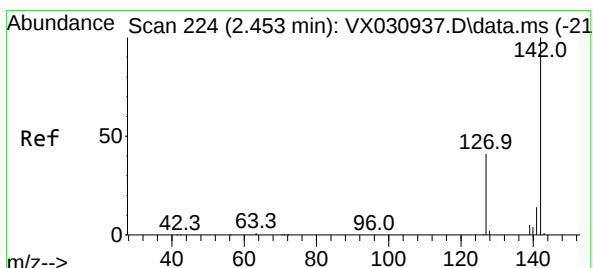
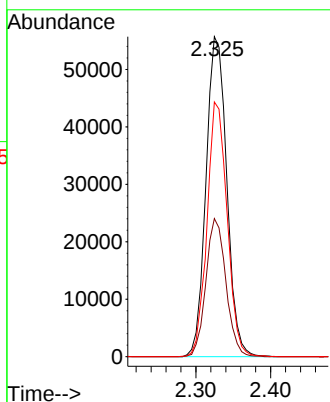
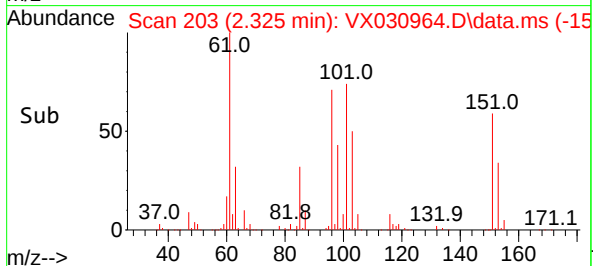
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



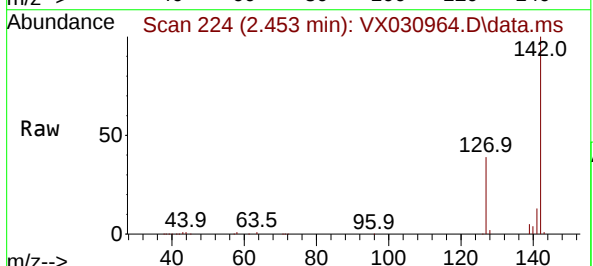
Tgt Ion:101 Resp: 107399
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 77.1 59.4 89.0

Manual Integrations
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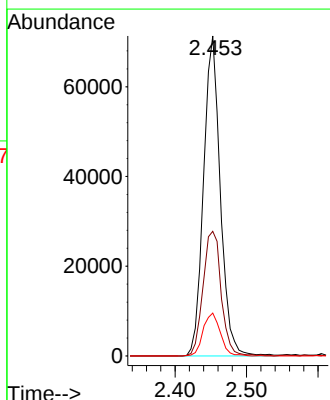
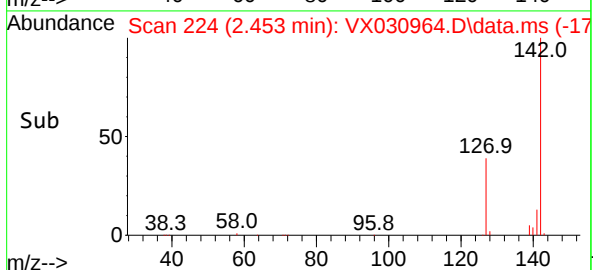
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

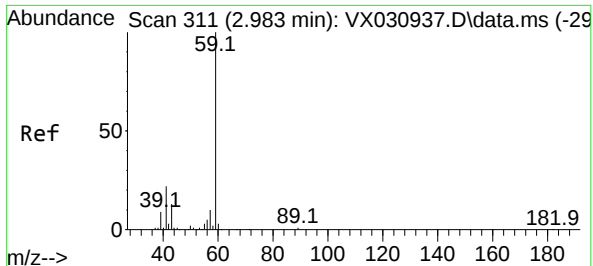


#10
Methyl Iodide
Concen: 52.929 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



Tgt Ion:142 Resp: 116392
Ion Ratio Lower Upper
142 100
127 42.3 30.2 45.2
141 13.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 236.767 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 15384

Ion Ratio Lower Upper

59 100

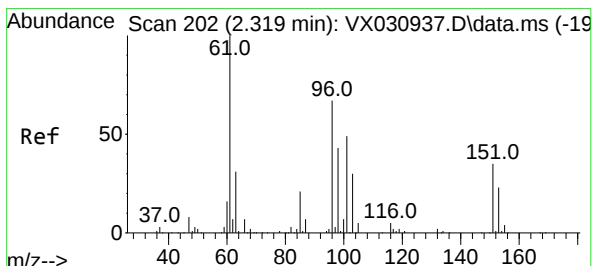
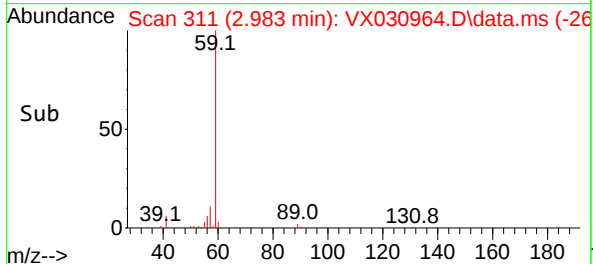
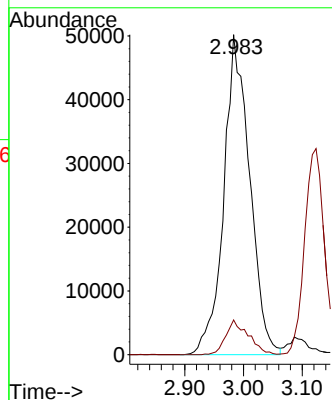
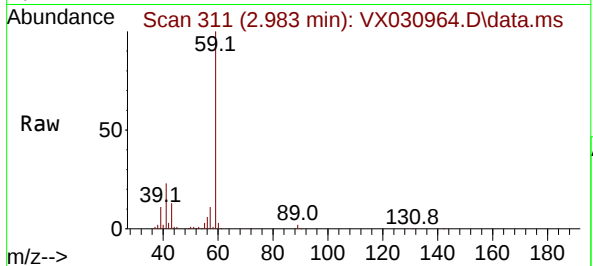
57 9.5 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#12

1,1-Dichloroethene

Concen: 46.846 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

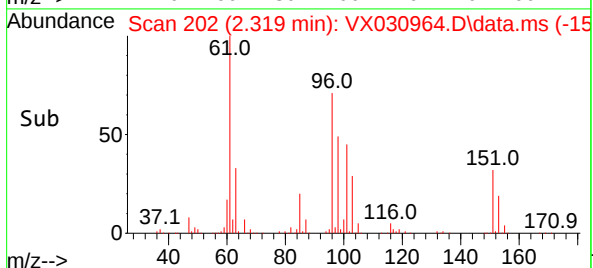
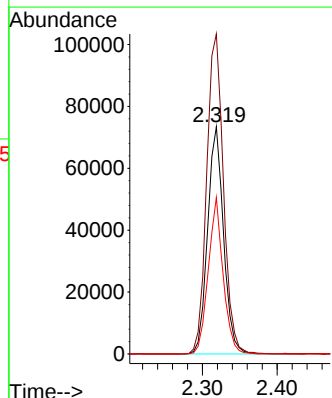
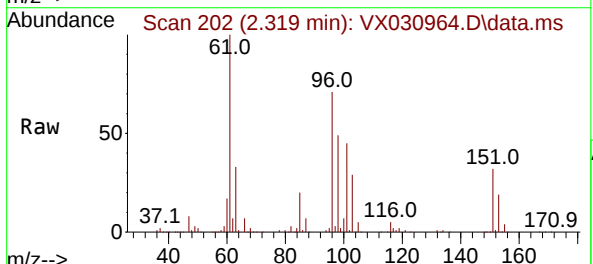
Tgt Ion: 96 Resp: 108862

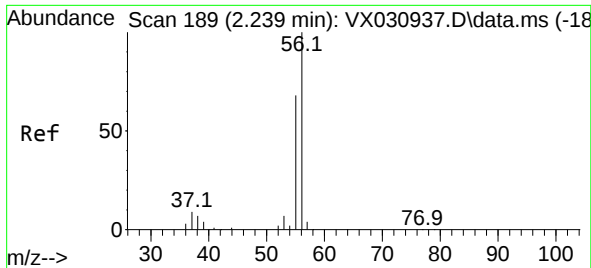
Ion Ratio Lower Upper

96 100

61 140.8 117.4 176.0

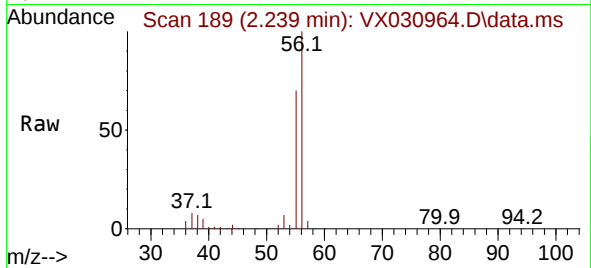
98 68.9 52.2 78.4





#13
Acrolein
Concen: 250.883 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

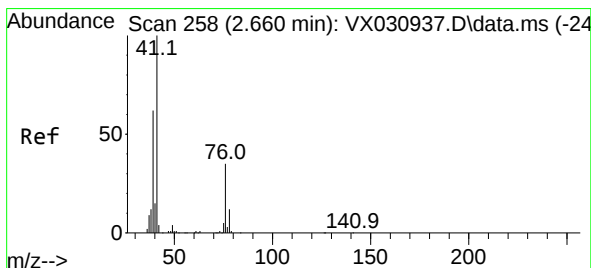
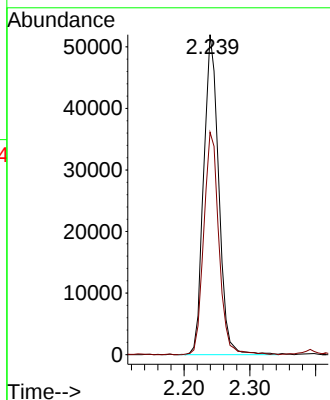
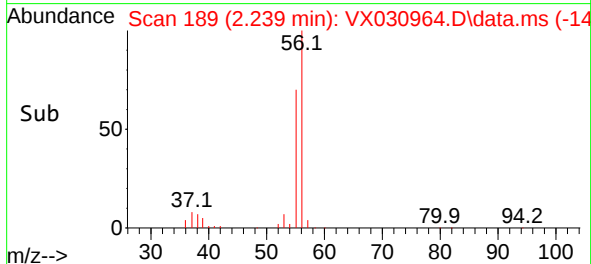
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



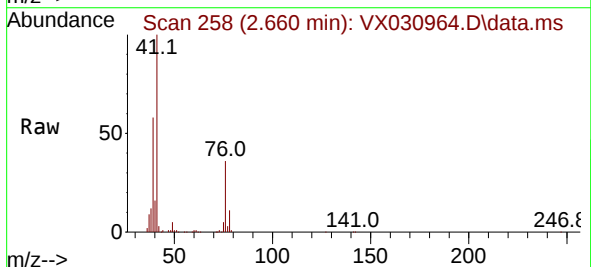
Tgt Ion: 56 Resp: 82762
Ion Ratio Lower Upper
56 100
55 70.0 56.6 84.8

Manual Integrations
APPROVED

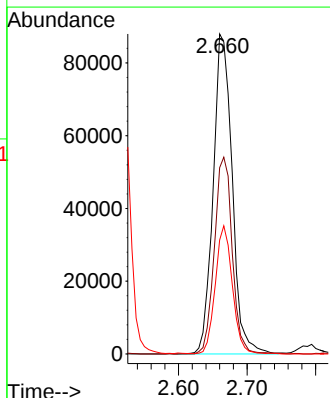
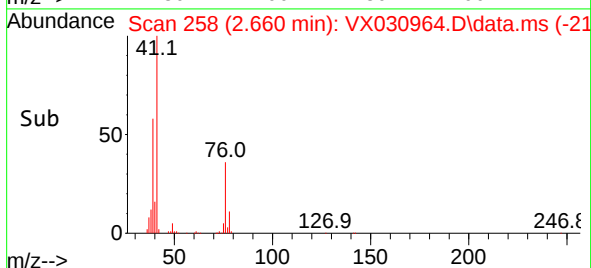
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

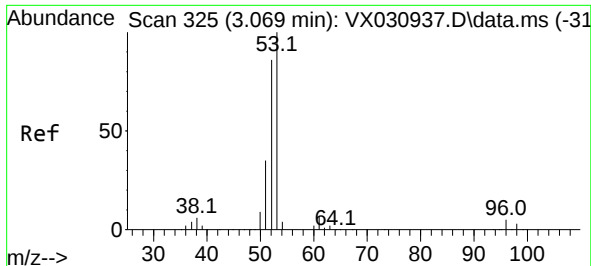


#14
Allyl chloride
Concen: 44.903 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



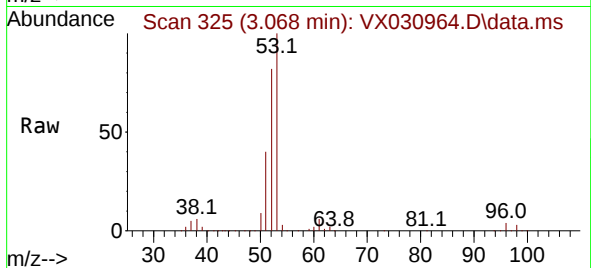
Tgt Ion: 41 Resp: 169292
Ion Ratio Lower Upper
41 100
39 57.7 48.9 73.3
76 36.0 26.9 40.3





#15
Acrylonitrile
Concen: 238.294 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

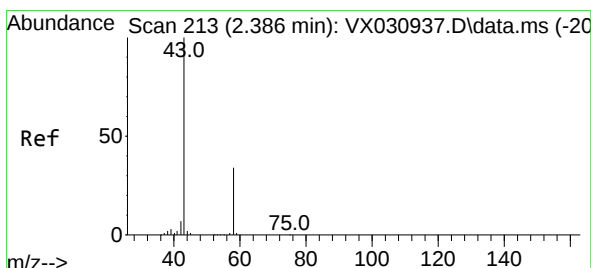
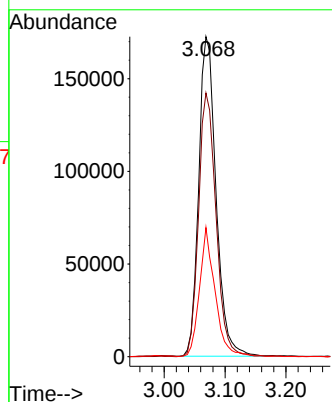
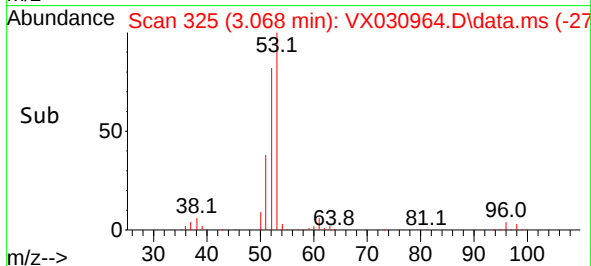
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 341904
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 35.9 27.7 41.5

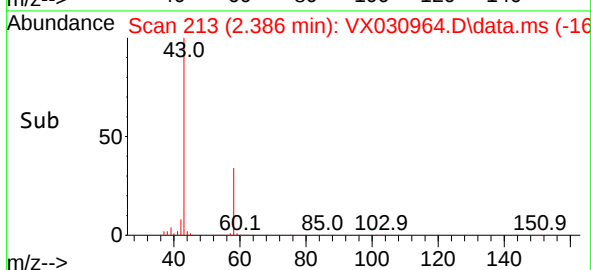
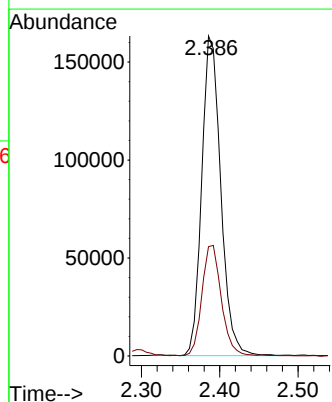
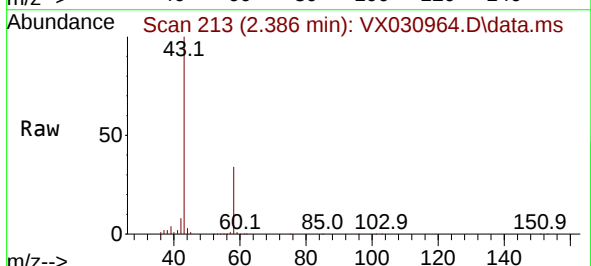
Manual Integrations
APPROVED

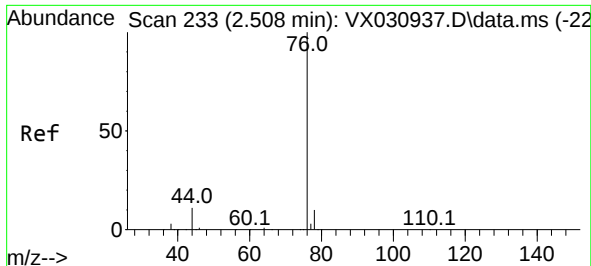
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#16
Acetone
Concen: 222.476 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion: 43 Resp: 275378
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5





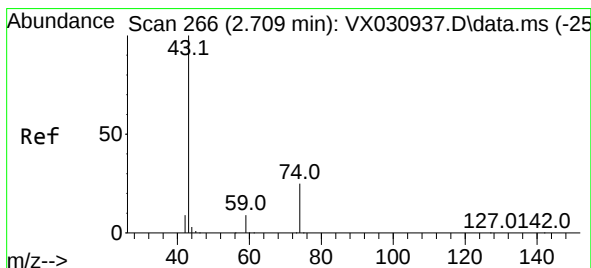
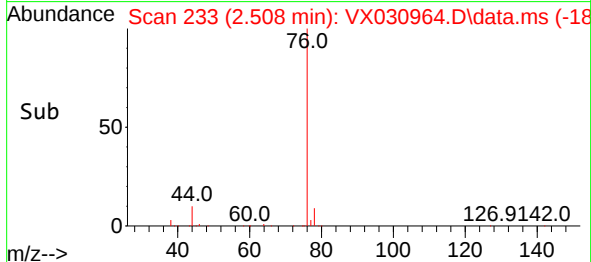
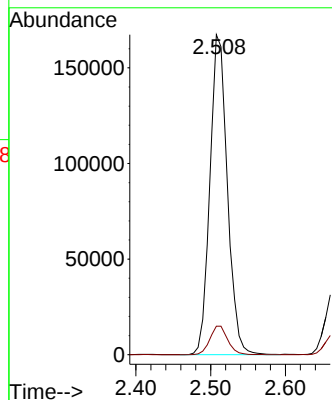
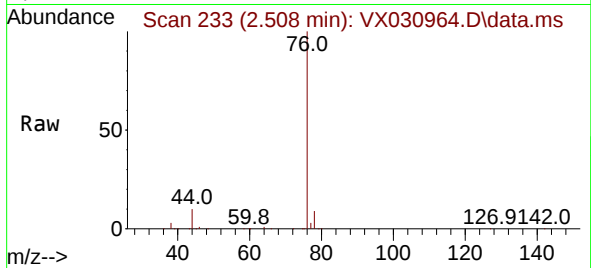
#17
Carbon Disulfide
Concen: 44.282 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 27158
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

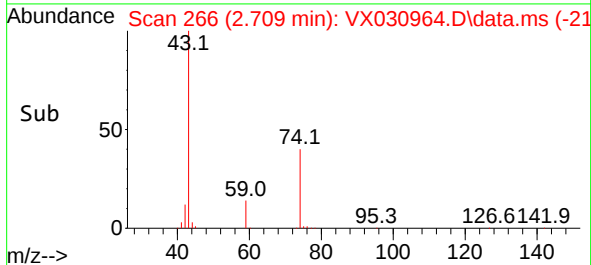
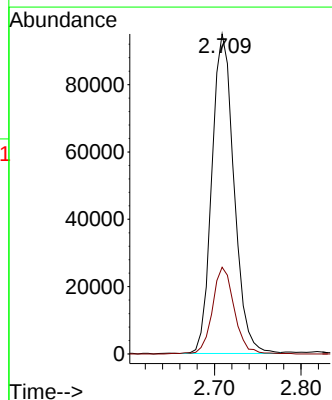
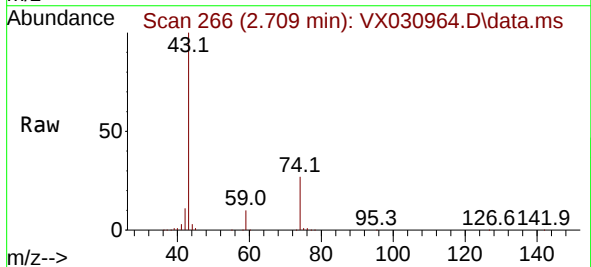
Manual Integrations
APPROVED

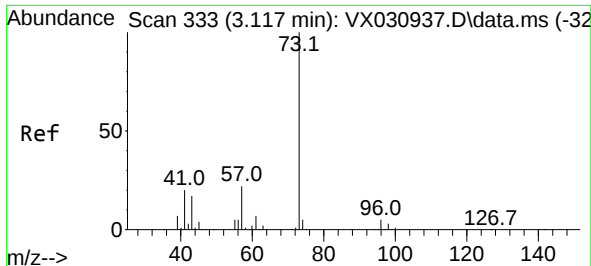
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#18
Methyl Acetate
Concen: 46.391 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

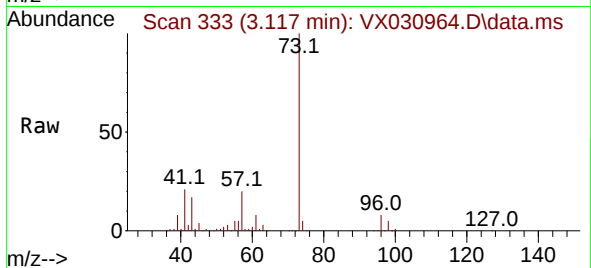
Tgt Ion: 43 Resp: 168452
Ion Ratio Lower Upper
43 100
74 26.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 47.584 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

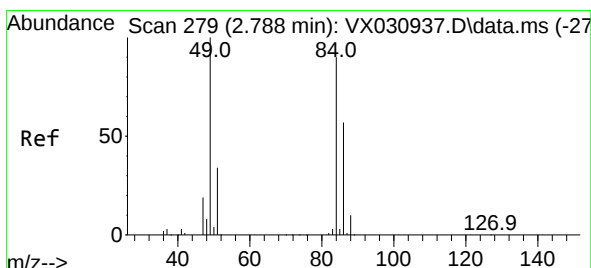
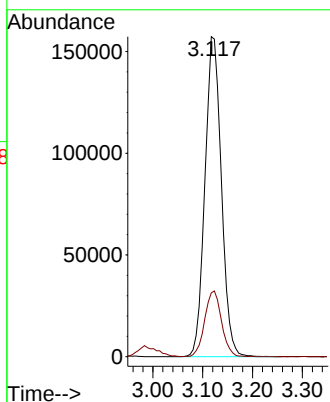
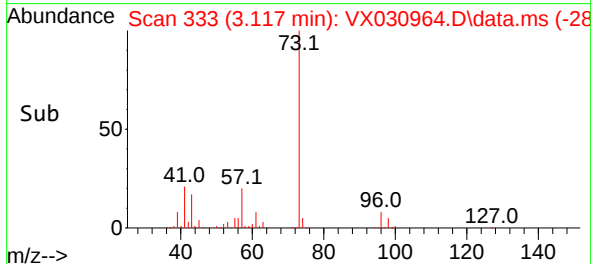
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 360160
Ion Ratio Lower Upper
73 100
57 19.9 19.0 28.6

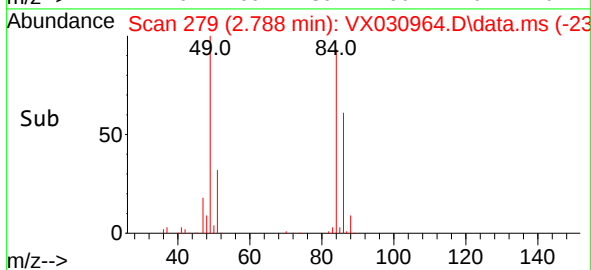
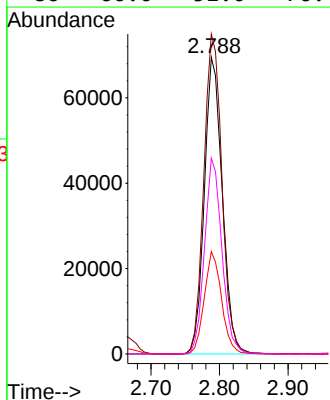
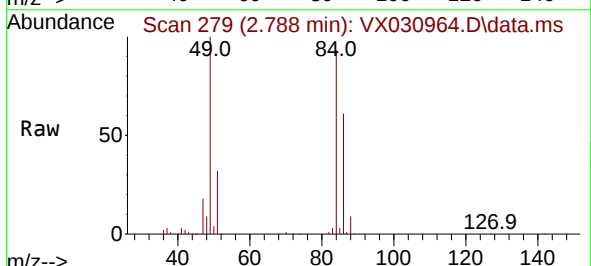
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#20
Methylene Chloride
Concen: 44.970 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

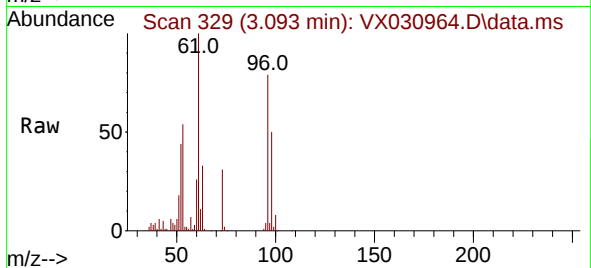
Tgt Ion: 84 Resp: 126557
Ion Ratio Lower Upper
84 100
49 107.9 93.8 140.6
51 34.5 29.4 44.0
86 66.0 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 46.560 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

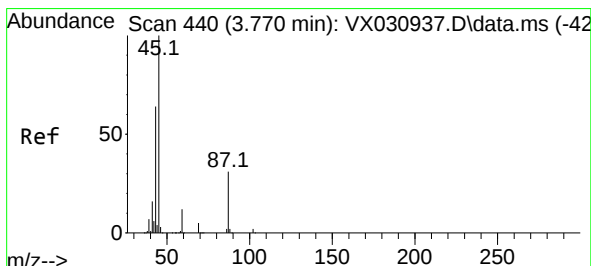
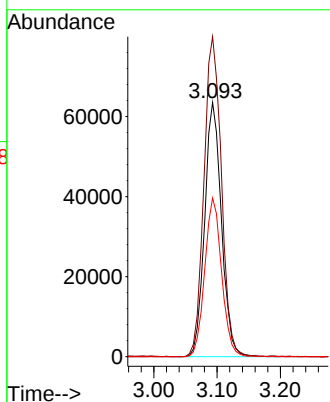
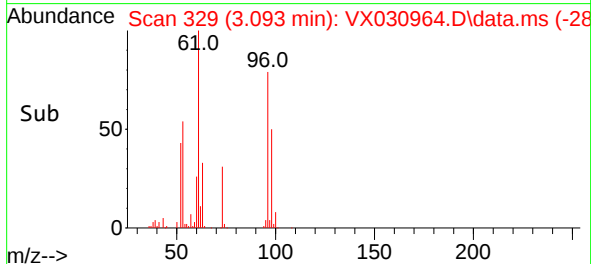
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



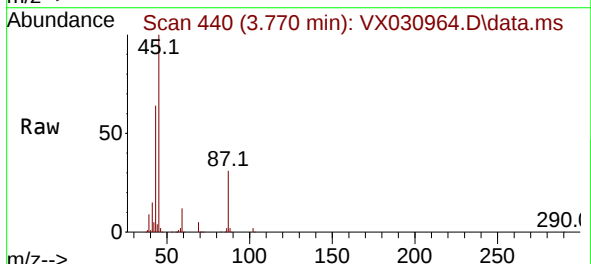
Tgt Ion: 96 Resp: 117318
Ion Ratio Lower Upper
96 100
61 125.9 105.6 158.4
98 62.5 50.1 75.1

Manual Integrations
APPROVED

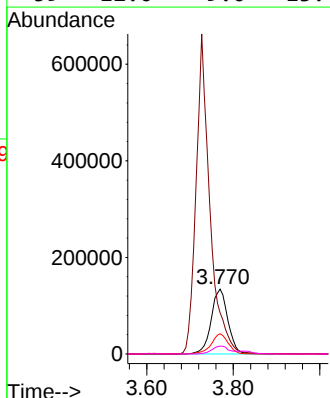
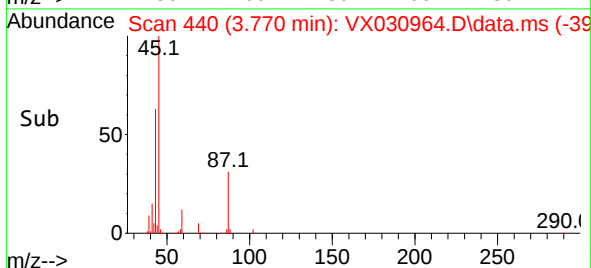
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

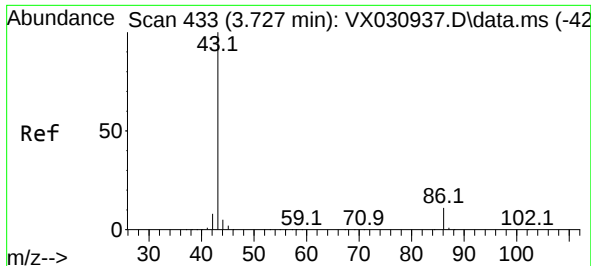


#22
Diisopropyl ether
Concen: 46.169 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



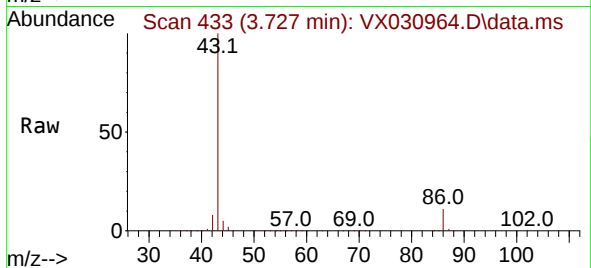
Tgt Ion: 45 Resp: 358665
Ion Ratio Lower Upper
45 100
43 63.5 65.4 98.0#
87 31.2 22.3 33.5
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 235.751 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030964.D
 Acq: 31 Aug 2022 01:14

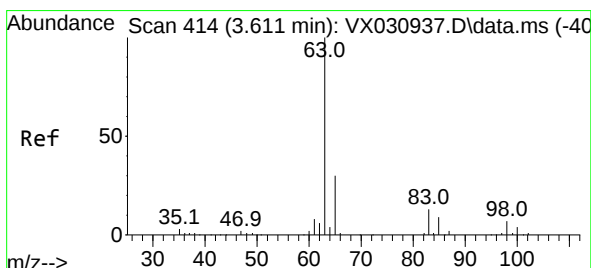
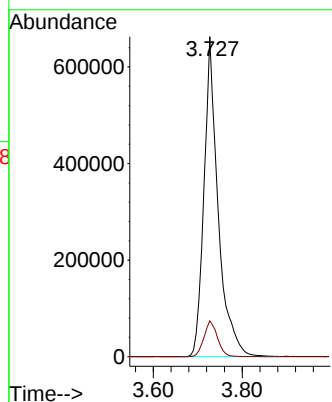
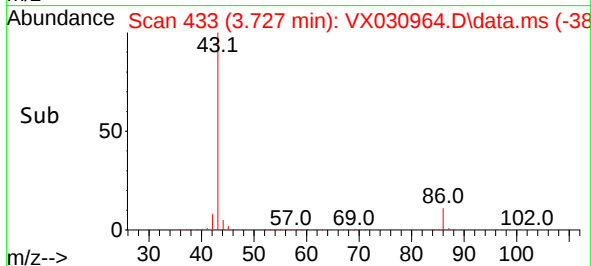
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



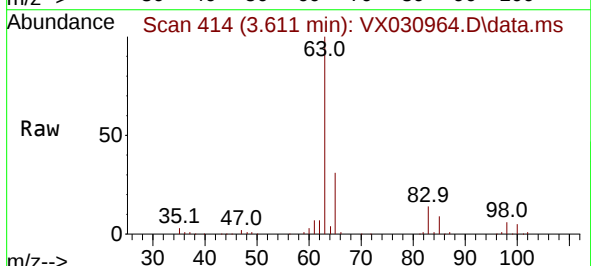
Tgt Ion: 43 Resp: 146928
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7

Manual Integrations
 APPROVED

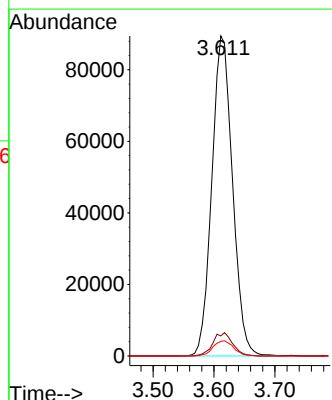
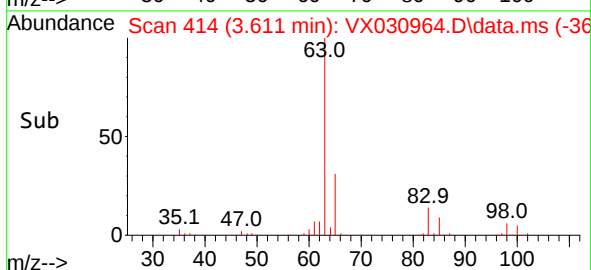
Reviewed By :John Carlone 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022

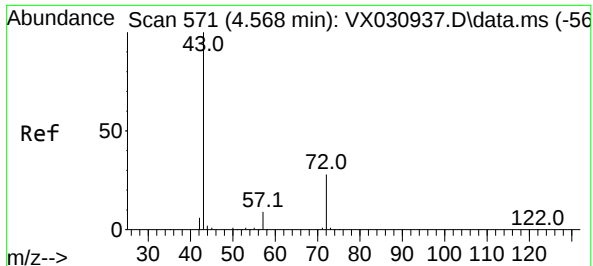


#24
 1,1-Dichloroethane
 Concen: 46.384 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030964.D
 Acq: 31 Aug 2022 01:14



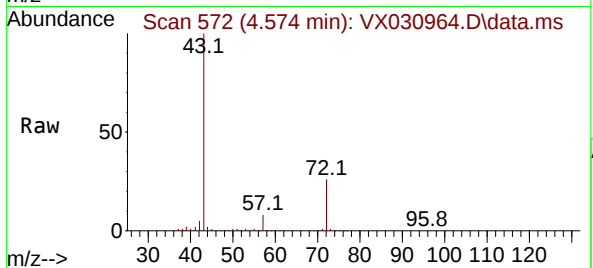
Tgt Ion: 63 Resp: 211022
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 4.6 2.3 6.9





#25
2-Butanone
Concen: 233.192 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

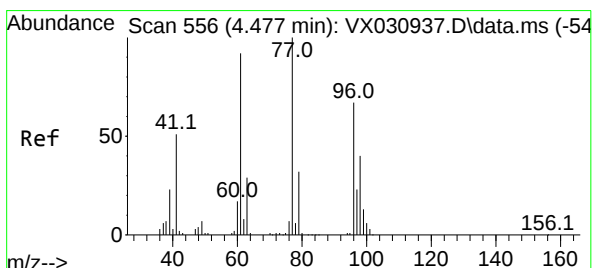
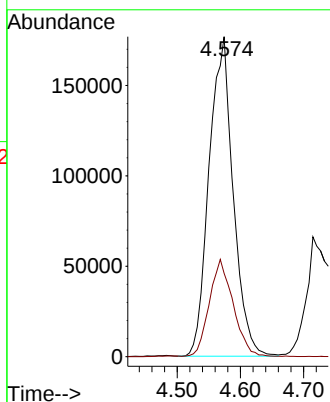
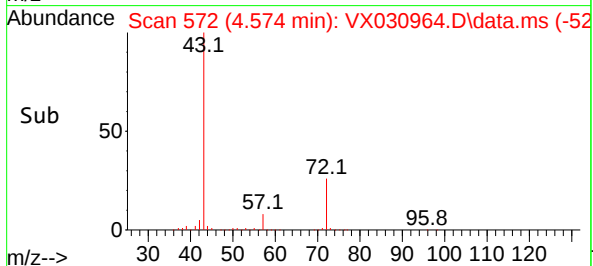
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46726
Ion Ratio Lower Upper
43 100
72 25.9 21.7 32.5

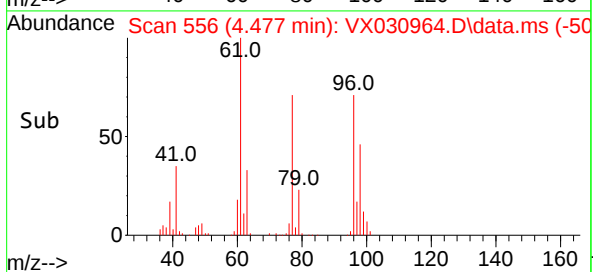
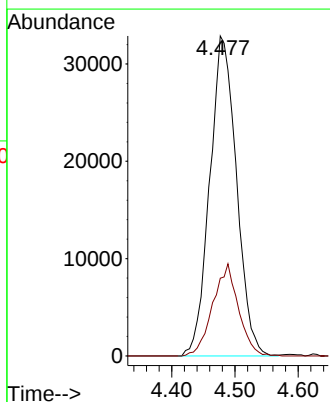
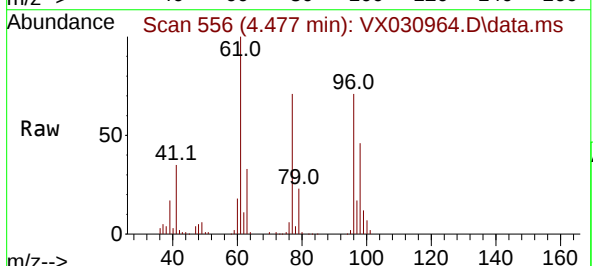
Manual Integrations
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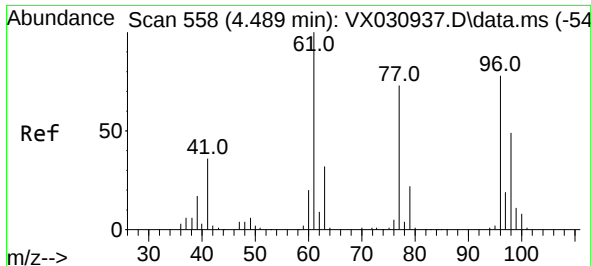
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#26
2,2-Dichloropropane
Concen: 28.179 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion: 77 Resp: 96608
Ion Ratio Lower Upper
77 100
97 27.5 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 47.544 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 138050

Ion Ratio Lower Upper

96 100

61 129.6 0.0 270.0

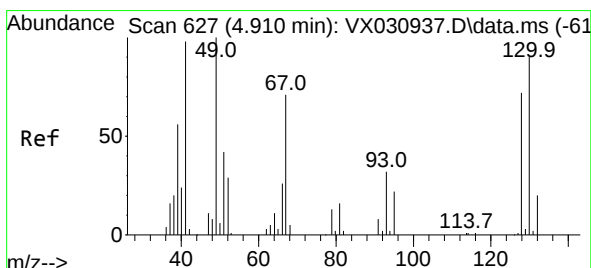
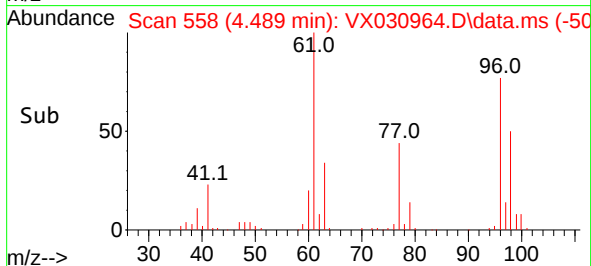
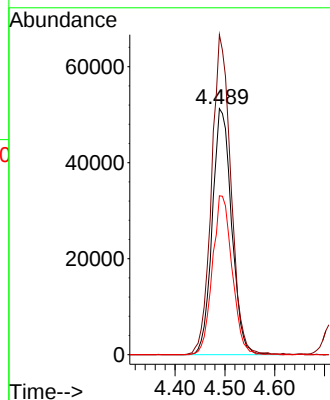
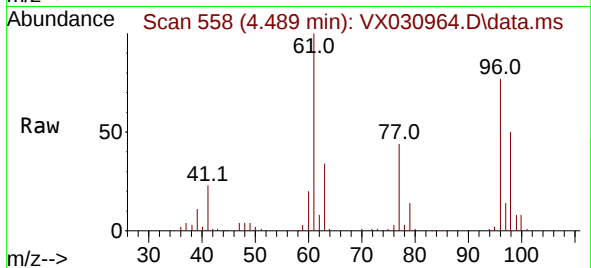
98 65.8 0.0 127.8

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#28

Bromochloromethane

Concen: 45.235 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

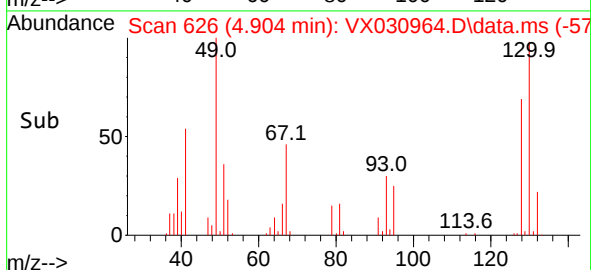
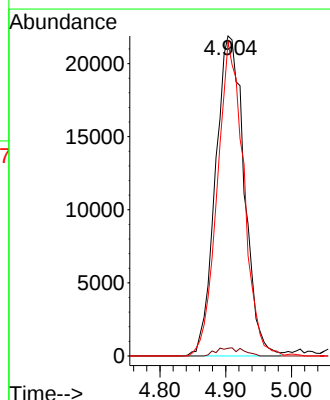
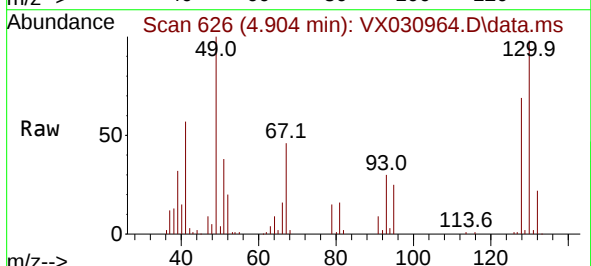
Tgt Ion: 49 Resp: 66569

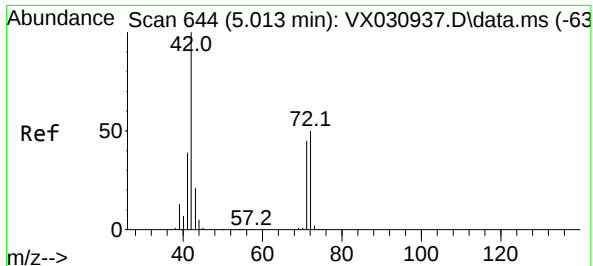
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 90.2 62.8 94.2





#29

Tetrahydrofuran

Concen: 229.526 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 297528

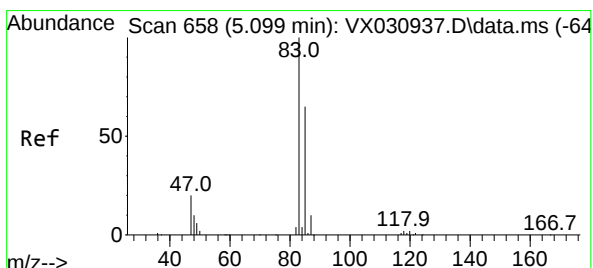
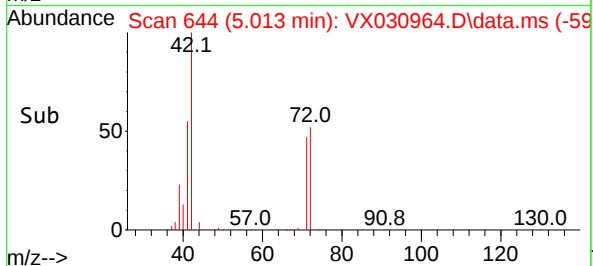
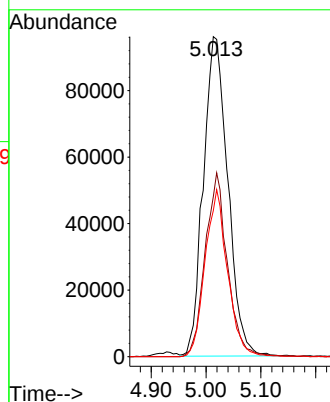
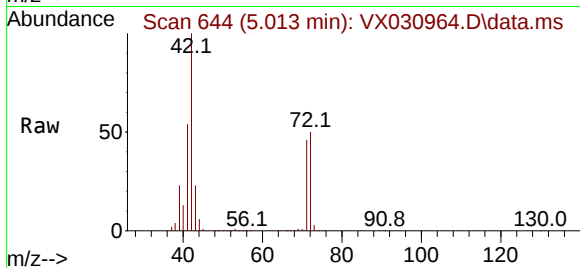
Ion	Ratio	Lower	Upper
42	100		
72	52.4	36.5	54.7
71	47.9	33.9	50.9

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#30

Chloroform

Concen: 47.703 ug/l

RT: 5.105 min Scan# 659

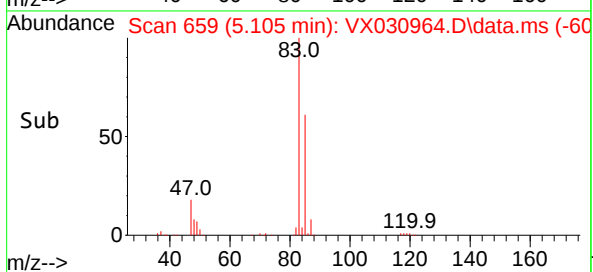
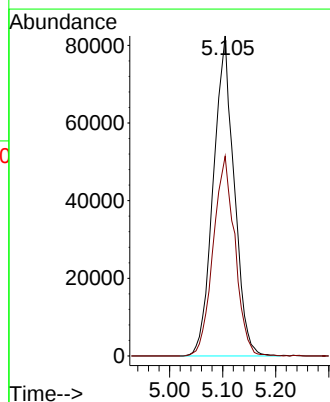
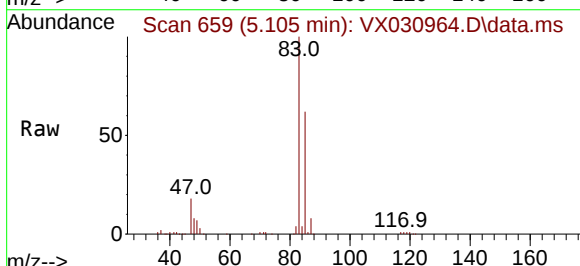
Delta R.T. 0.006 min

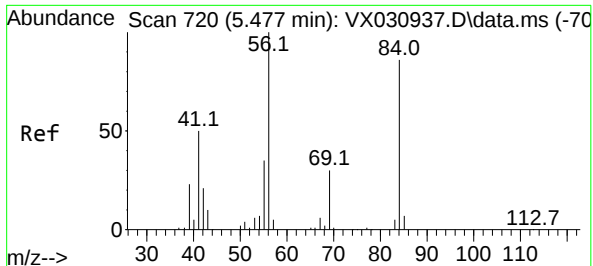
Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Tgt Ion: 83 Resp: 225134

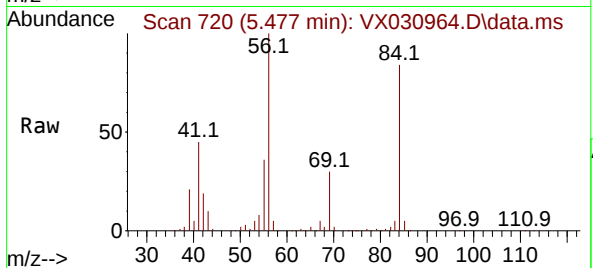
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3





#31
Cyclohexane
Concen: 45.305 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

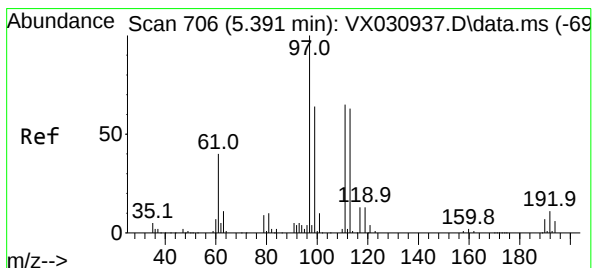
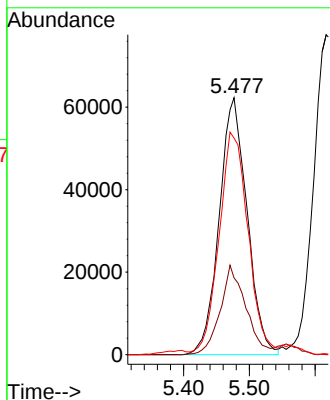
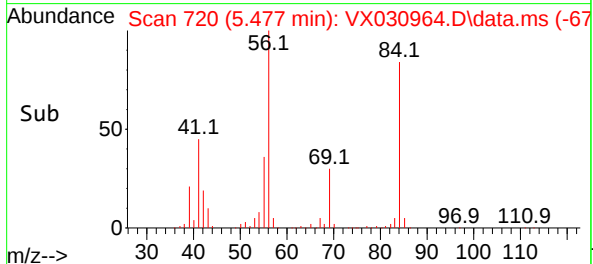
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



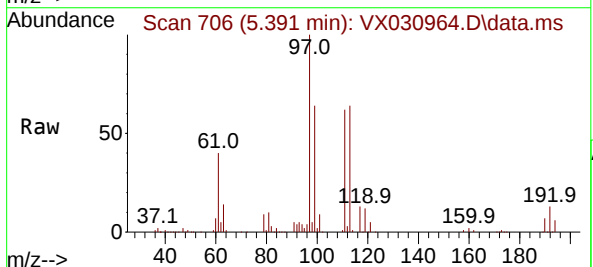
Tgt Ion: 56 Resp: 183898
Ion Ratio Lower Upper
56 100
69 29.9 25.4 38.0
84 82.7 68.9 103.3

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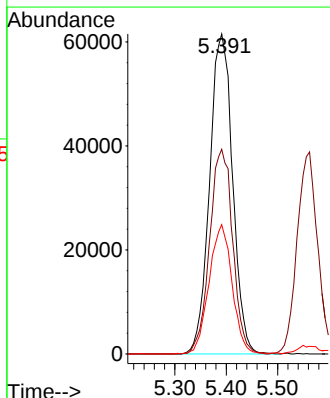
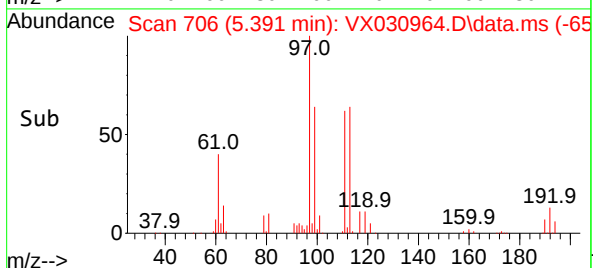
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

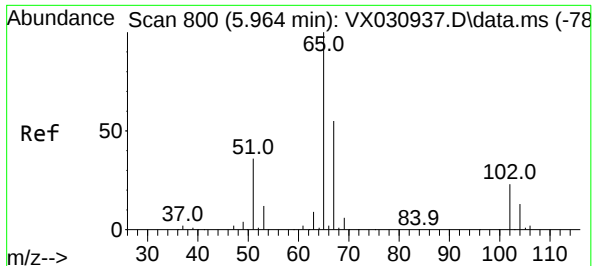


#32
1,1,1-Trichloroethane
Concen: 47.783 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



Tgt Ion: 97 Resp: 191170
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 40.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 46.057 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12631

Ion Ratio Lower Upper

65 100

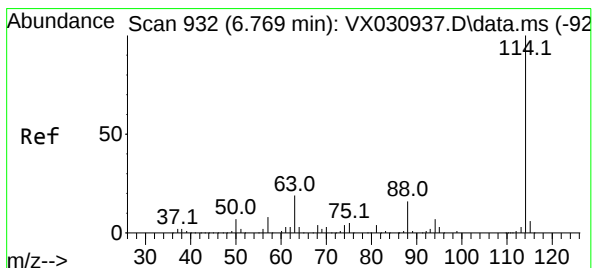
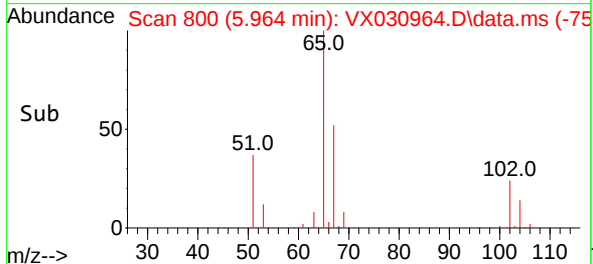
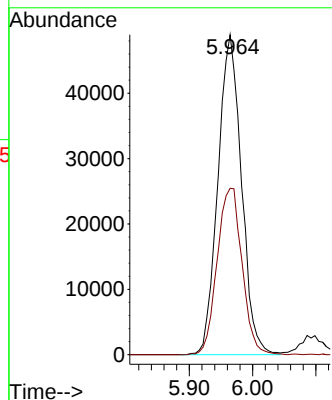
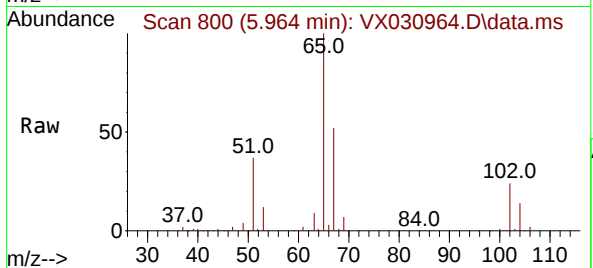
67 55.0 0.0 109.6

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

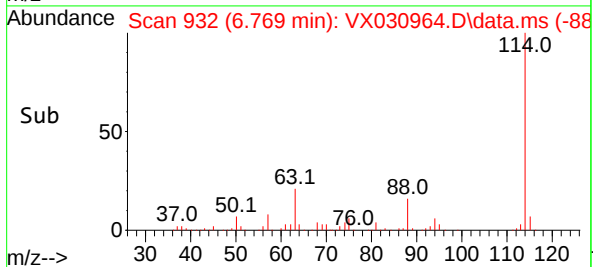
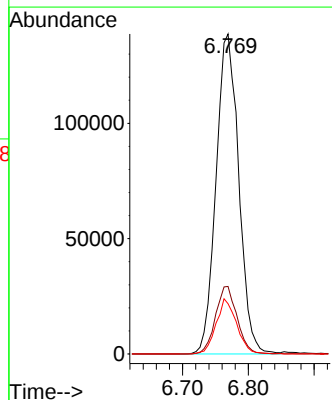
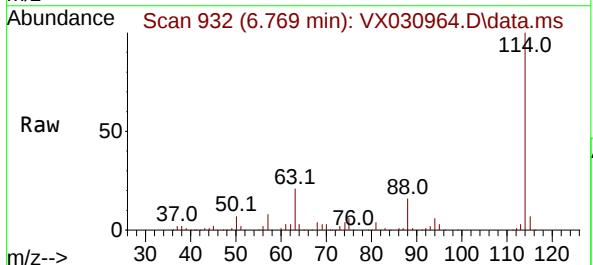
Tgt Ion:114 Resp: 332760

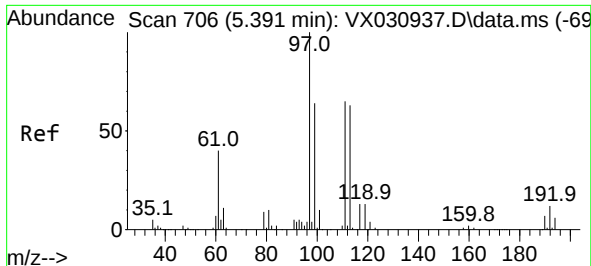
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.856 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030964.D

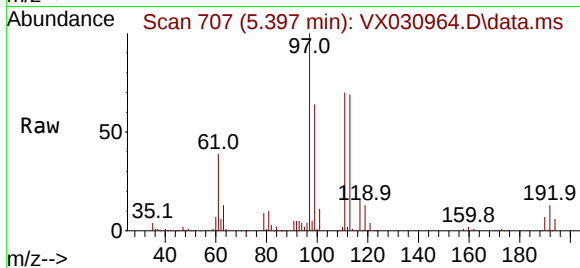
Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



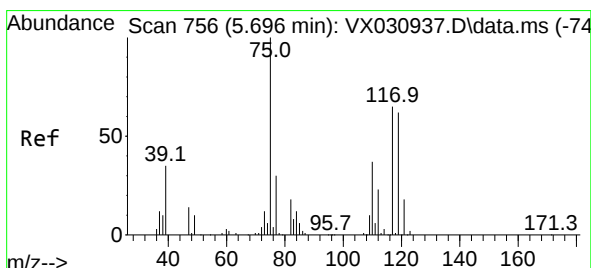
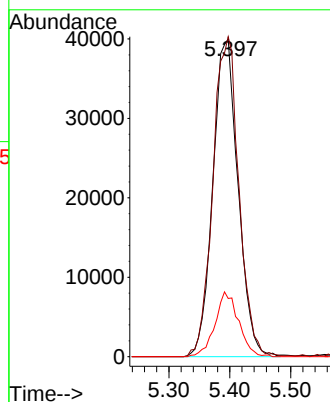
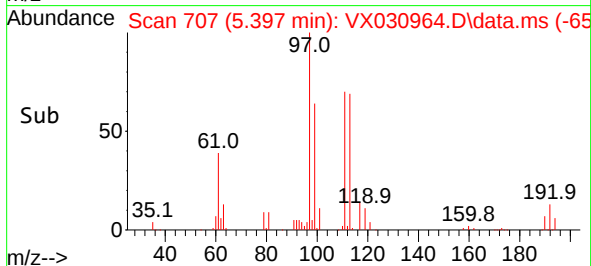
Tgt Ion:	113	Resp:	11493
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.2	124.8
192	19.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#36

1,1-Dichloropropene

Concen: 43.471 ug/l

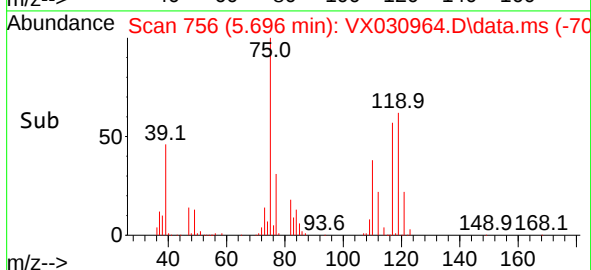
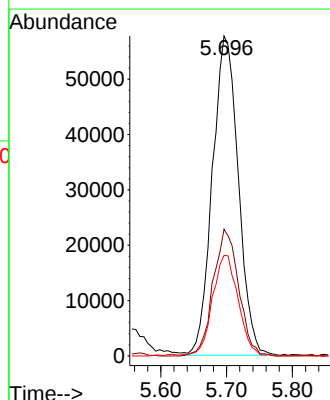
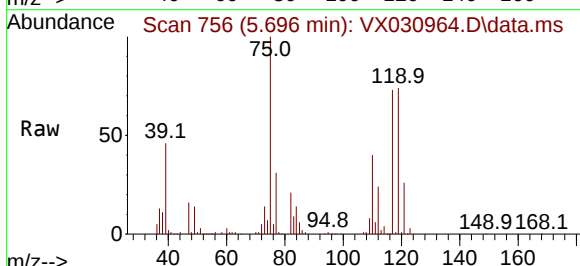
RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Tgt Ion:	75	Resp:	158486
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.3	57.9
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 47.122 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

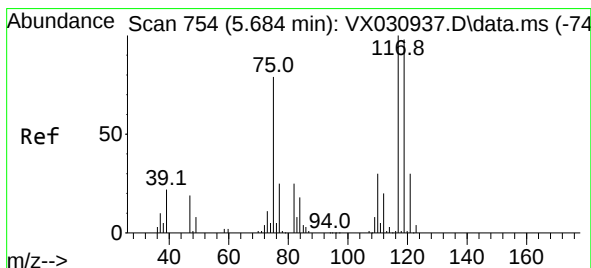
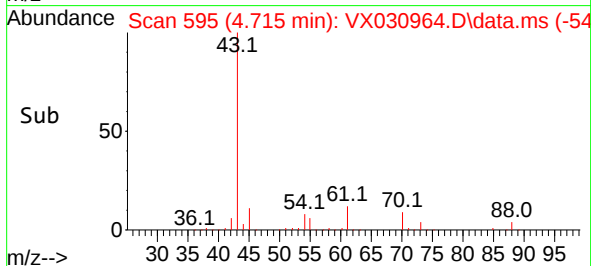
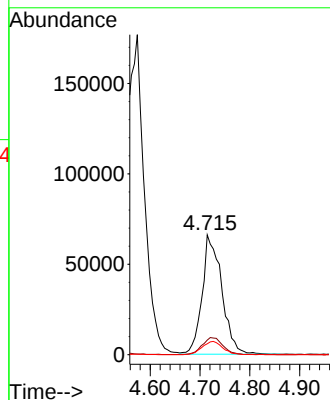
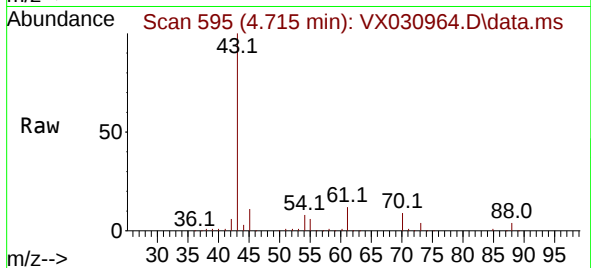
Tgt Ion:	43	Resp:	18061
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.7	17.5
70	11.6	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#38

Carbon Tetrachloride

Concen: 46.419 ug/l

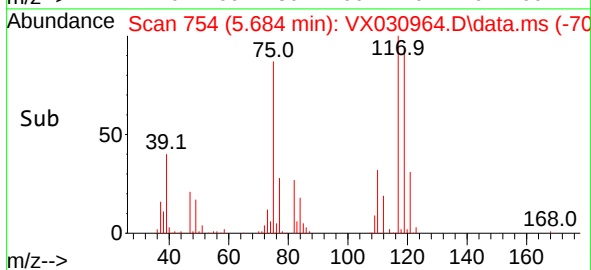
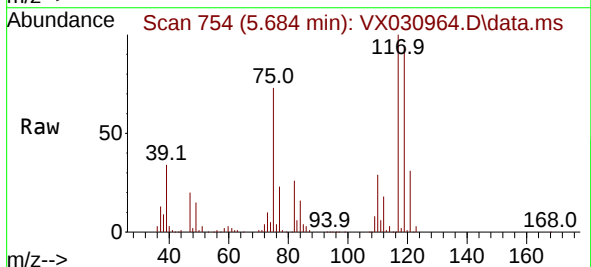
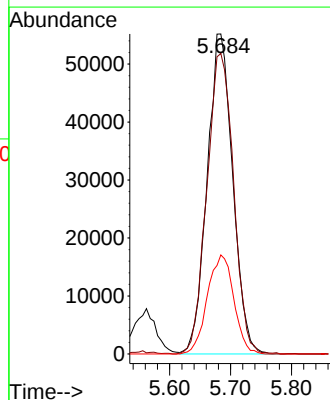
RT: 5.684 min Scan# 754

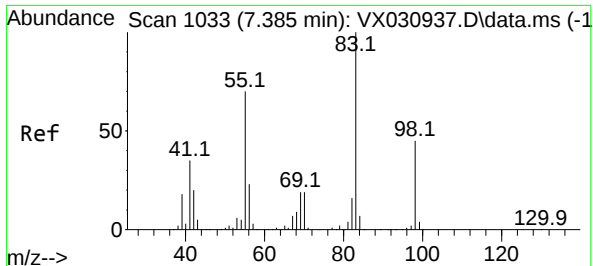
Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Tgt Ion:	117	Resp:	161115
Ion Ratio	Lower	Upper	
117	100		
119	93.9	74.1	111.1
121	31.0	25.8	38.8





#39

Methylcyclohexane

Concen: 46.170 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 20588

Ion Ratio Lower Upper

83 100

55 63.3 57.7 86.5

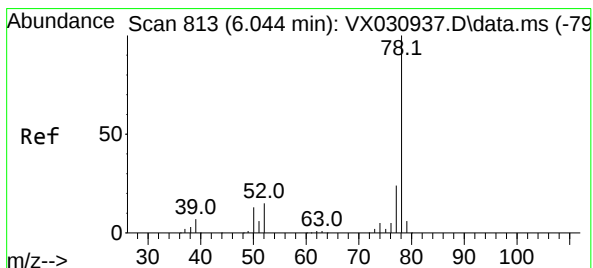
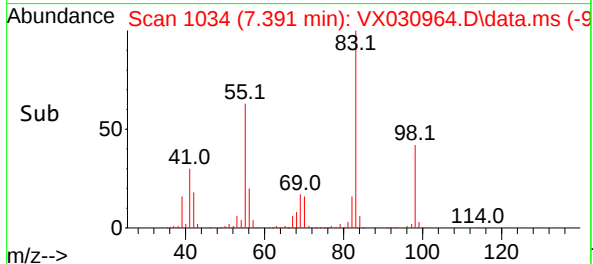
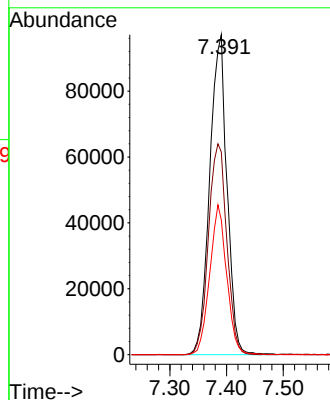
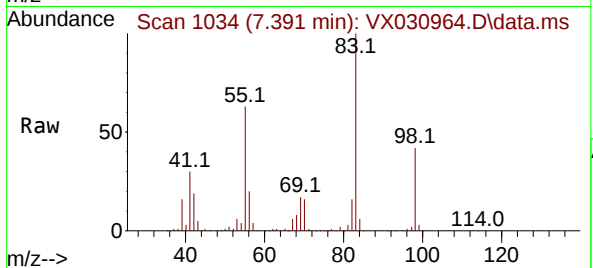
98 42.1 36.5 54.7

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#40

Benzene

Concen: 47.895 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030964.D

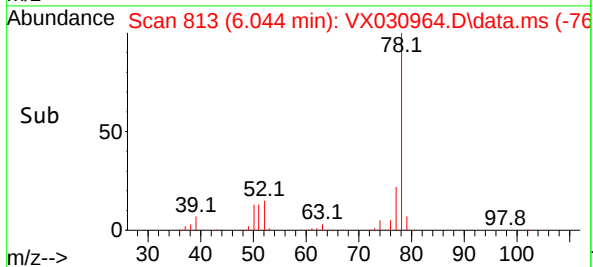
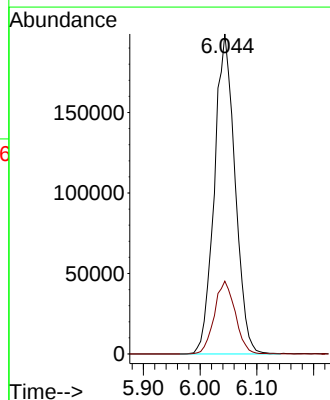
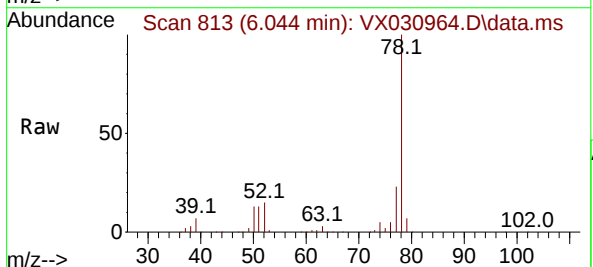
Acq: 31 Aug 2022 01:14

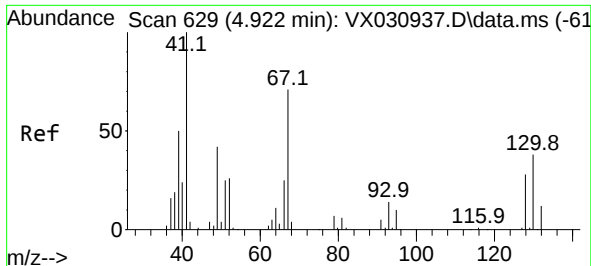
Tgt Ion: 78 Resp: 503267

Ion Ratio Lower Upper

78 100

77 22.7 18.0 27.0





#41
Methacrylonitrile
Concen: 46.700 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

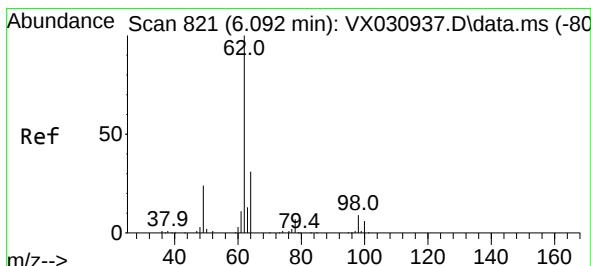
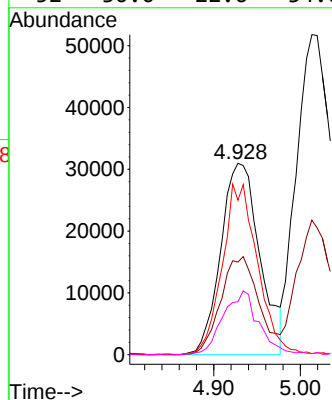
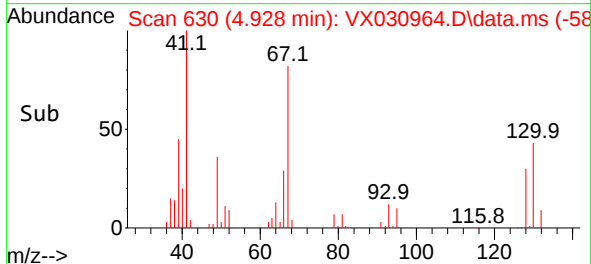
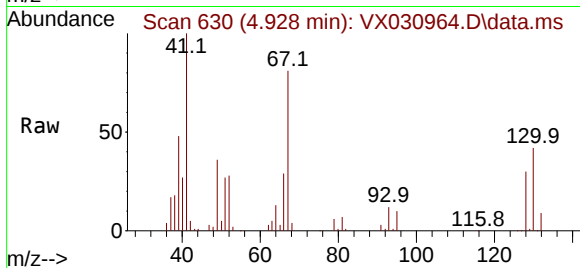
Tgt Ion: 41 Resp: 97220
Ion Ratio Lower Upper
41 100
39 50.1 42.9 64.3
67 80.7 60.1 90.1
52 30.0 22.6 34.0

Manual Integrations

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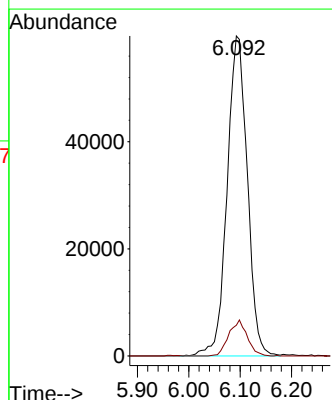
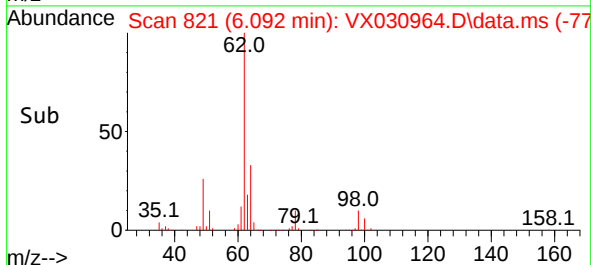
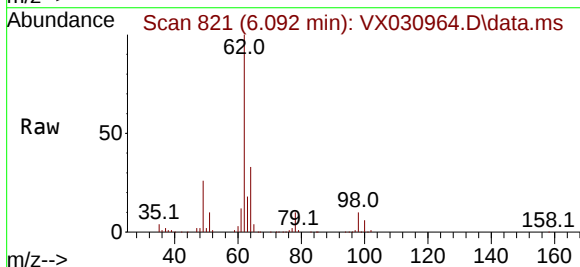
Reviewed By :John Carlone 08/31/2022

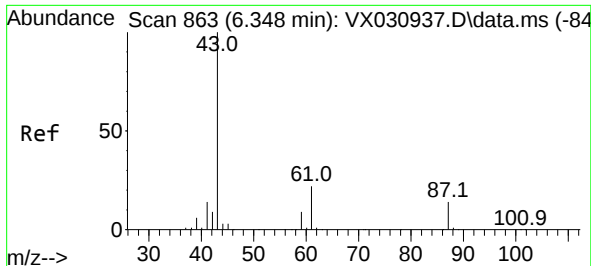
Supervised By :Mahesh Dadoda 08/31/2022



#42
1,2-Dichloroethane
Concen: 46.766 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

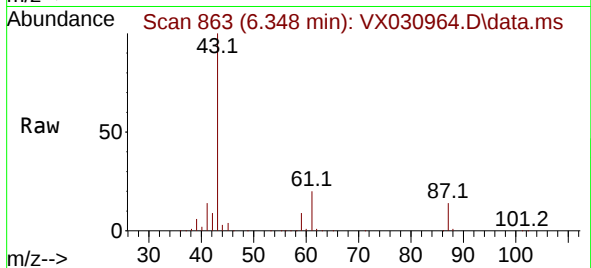
Tgt Ion: 62 Resp: 163237
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 46.274 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

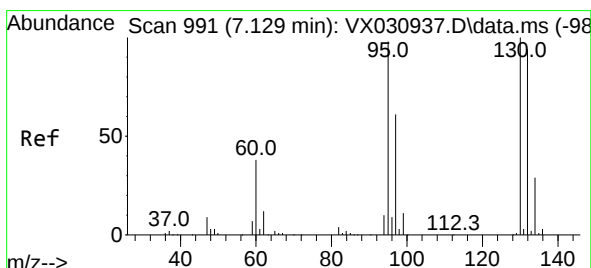
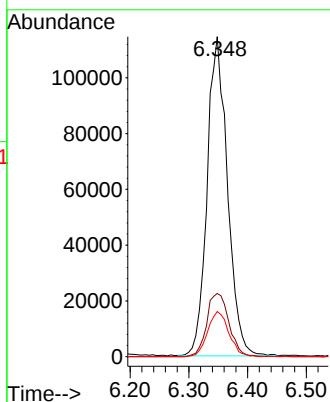
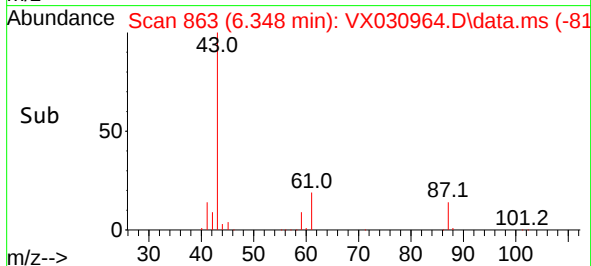
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 275219
Ion Ratio Lower Upper
43 100
61 21.7 16.5 24.7
87 14.8 11.1 16.7

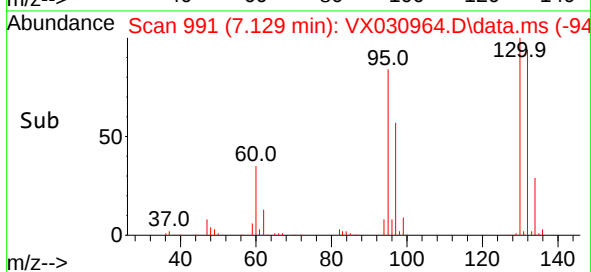
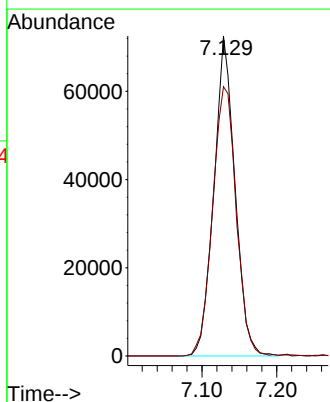
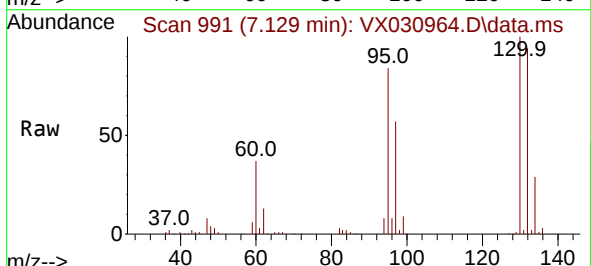
Manual Integrations
APPROVED

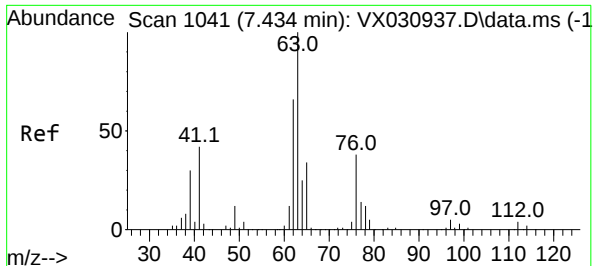
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#44
Trichloroethene
Concen: 45.899 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion:130 Resp: 142083
Ion Ratio Lower Upper
130 100
95 84.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 45.864 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 128640

Ion Ratio Lower Upper

63 100

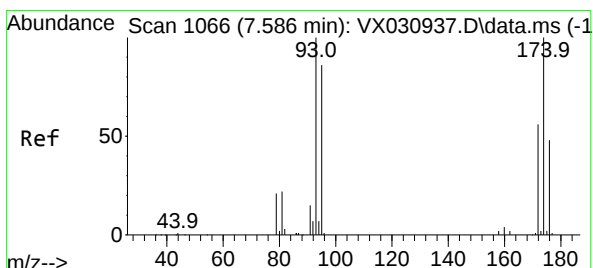
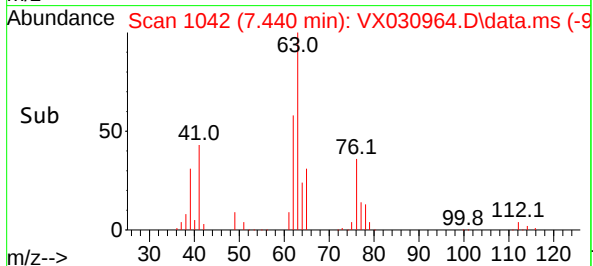
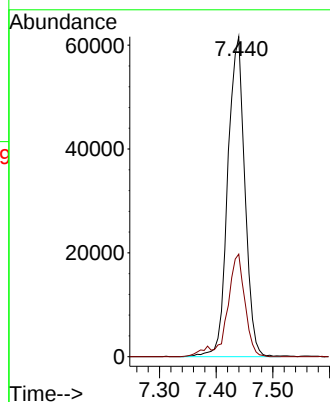
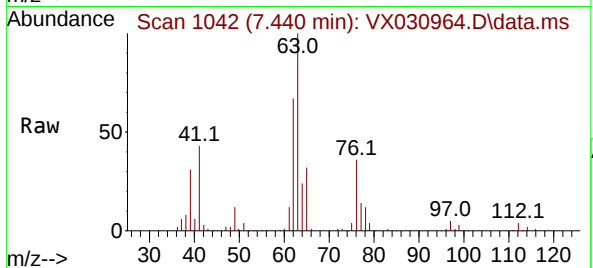
65 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#46

Dibromomethane

Concen: 46.752 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

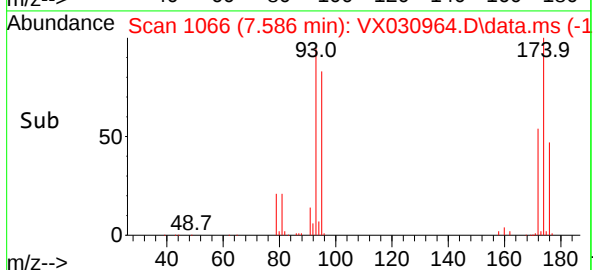
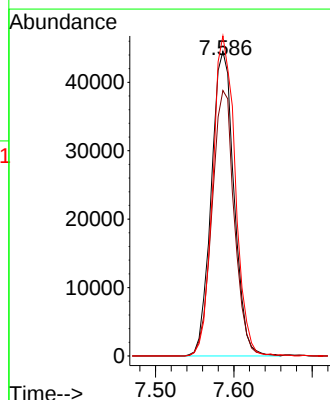
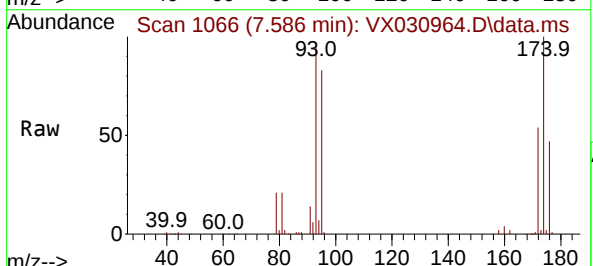
Tgt Ion: 93 Resp: 89549

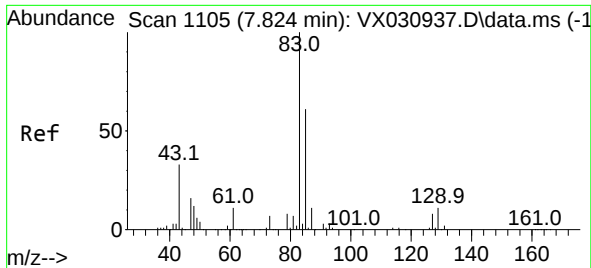
Ion Ratio Lower Upper

93 100

95 85.6 67.4 101.0

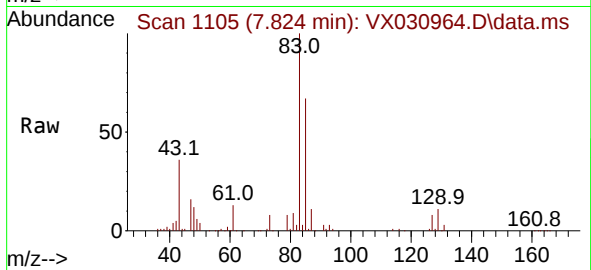
174 104.1 75.6 113.4





#47
Bromodichloromethane
Concen: 47.293 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

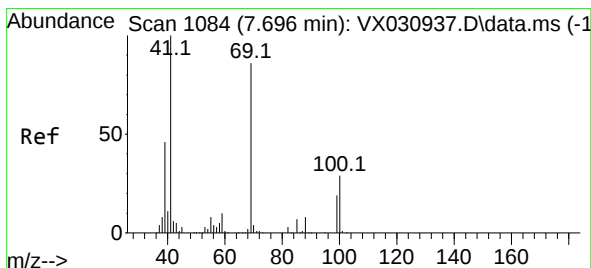
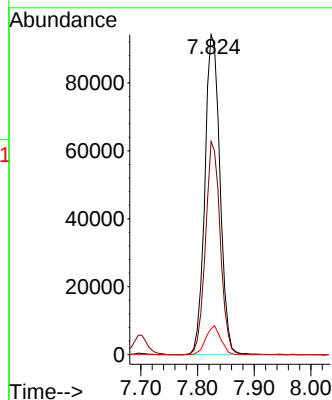
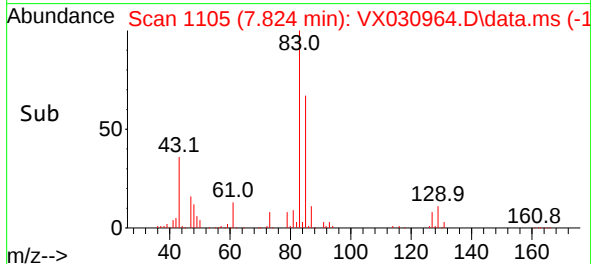
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 174145
Ion Ratio Lower Upper
83 100
85 66.6 53.5 80.3
127 8.1 6.6 10.0

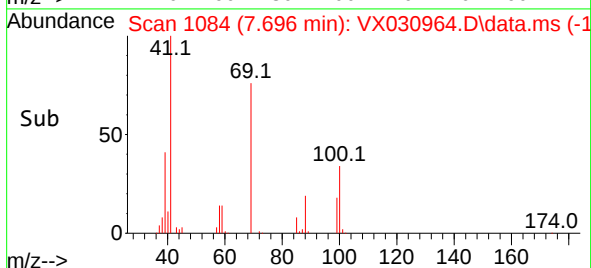
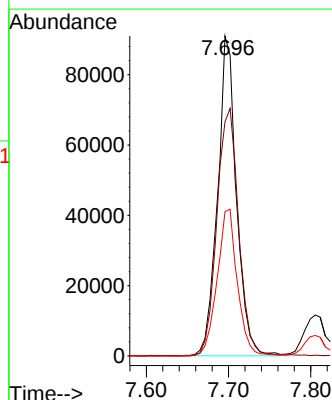
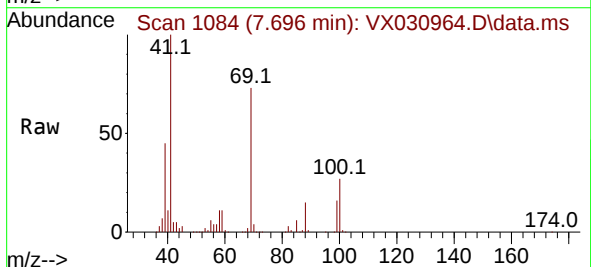
Manual Integrations
APPROVED

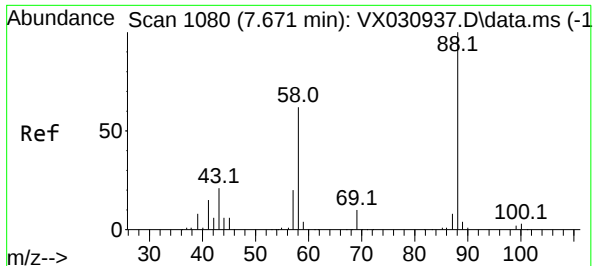
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#48
Methyl methacrylate
Concen: 48.637 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

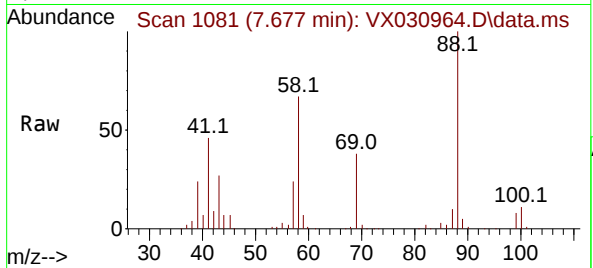
Tgt Ion: 41 Resp: 144795
Ion Ratio Lower Upper
41 100
69 89.2 68.8 103.2
39 49.4 44.6 66.8





#49
1,4-Dioxane
Concen: 940.186 ug/l
RT: 7.677 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

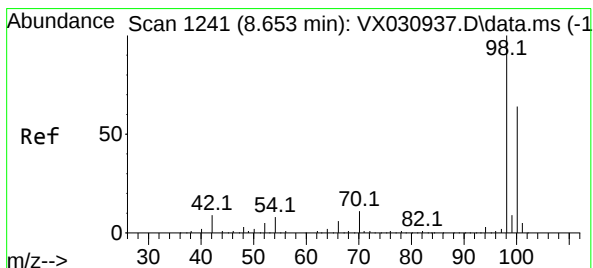
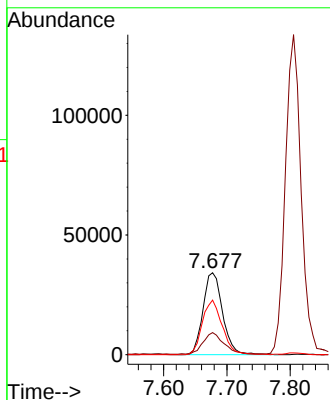
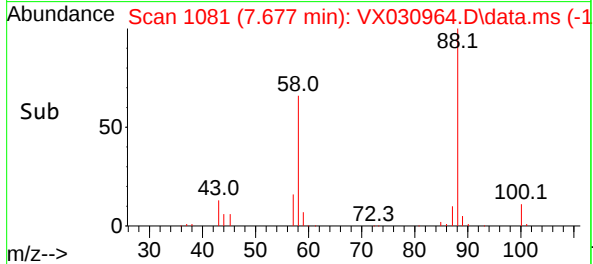
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 73559
Ion Ratio Lower Upper
88 100
43 27.6 23.8 35.8
58 67.8 53.8 80.6

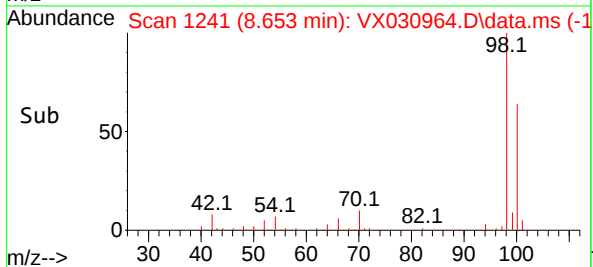
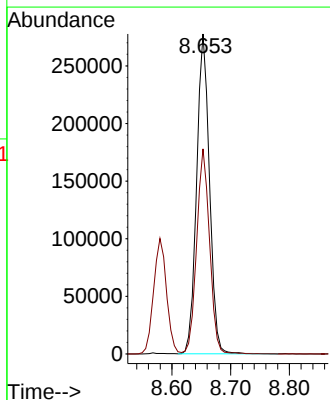
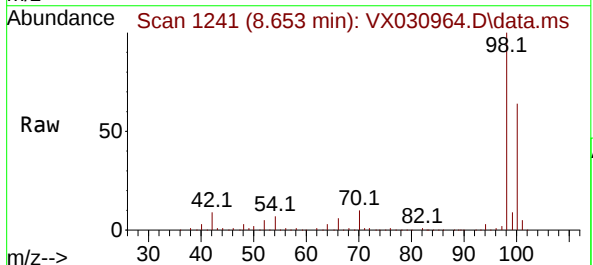
Manual Integrations
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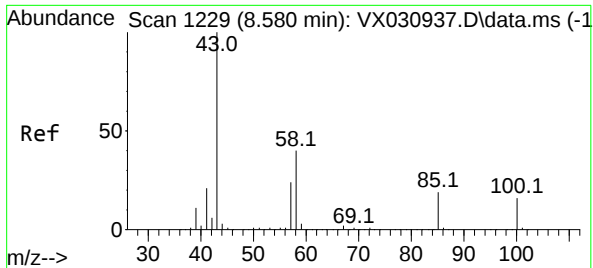
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#50
Toluene-d8
Concen: 46.445 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

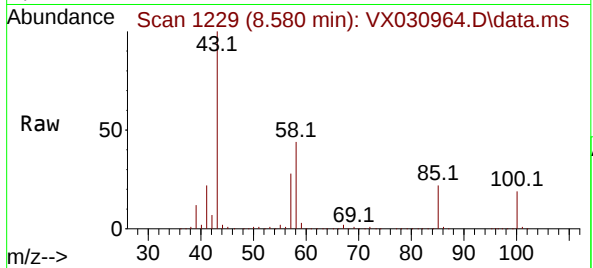
Tgt Ion: 98 Resp: 421914
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 218.045 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

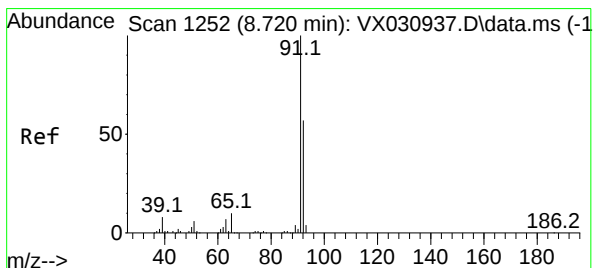
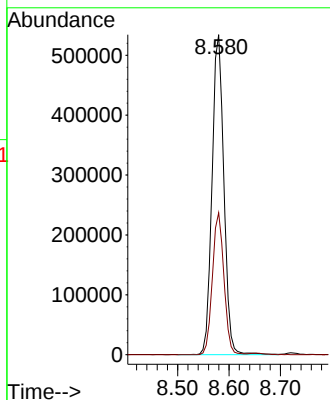
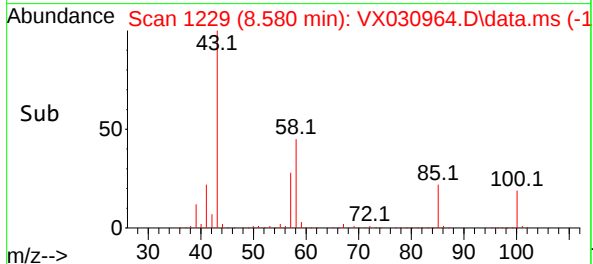
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



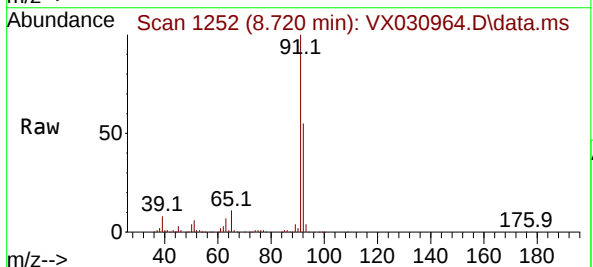
Tgt Ion: 43 Resp: 855950
Ion Ratio Lower Upper
43 100
58 43.1 31.4 47.2

Manual Integrations
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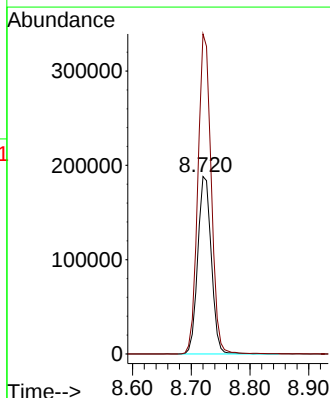
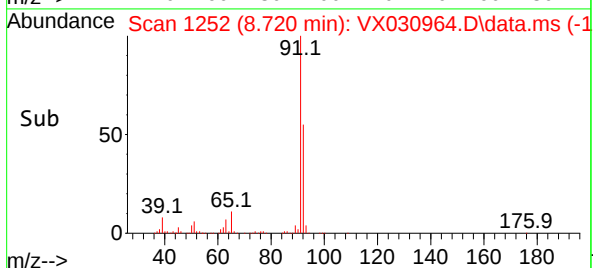
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

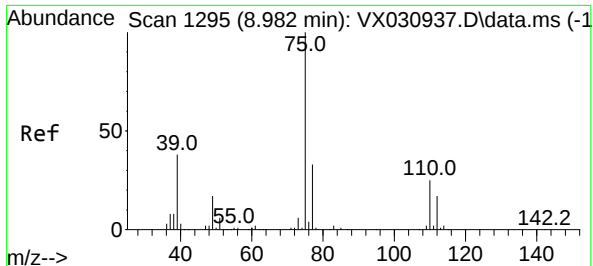


#52
Toluene
Concen: 46.870 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



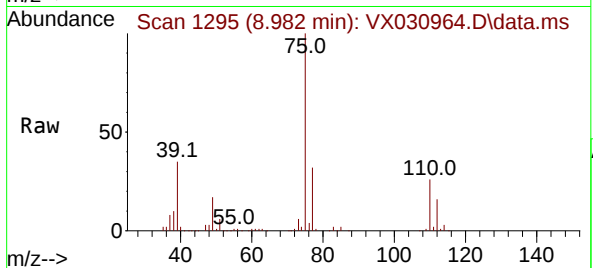
Tgt Ion: 92 Resp: 300929
Ion Ratio Lower Upper
92 100
91 176.7 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 45.170 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

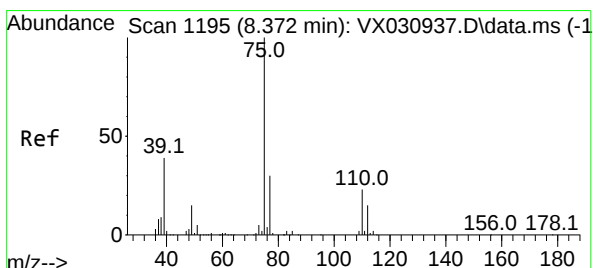
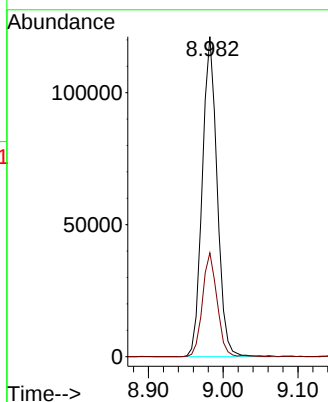
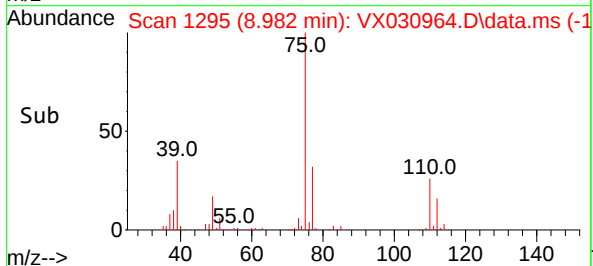
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



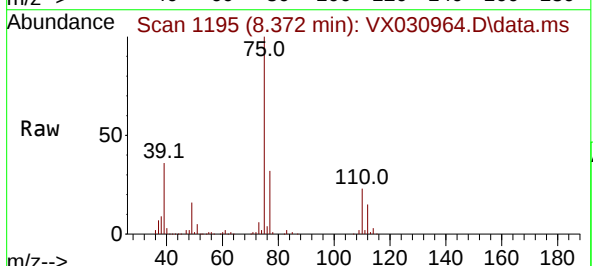
Tgt Ion: 75 Resp: 167830
Ion Ratio Lower Upper
75 100
77 32.5 26.3 39.5

Manual Integrations
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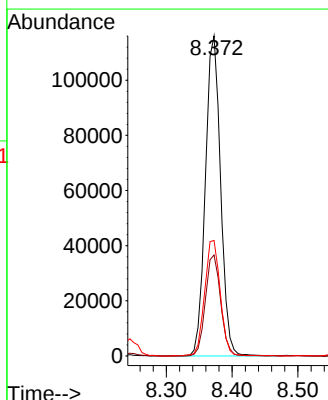
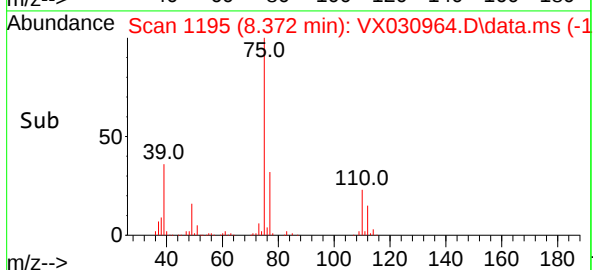
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

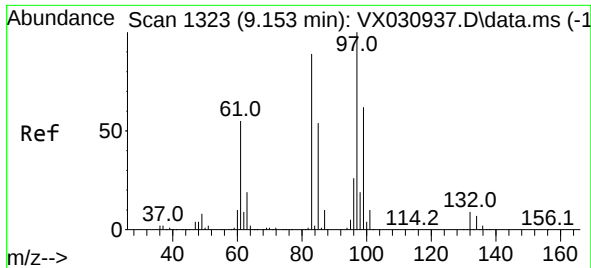


#54
cis-1,3-Dichloropropene
Concen: 43.901 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



Tgt Ion: 75 Resp: 186607
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 36.1 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 48.256 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 134392

Ion Ratio Lower Upper

97 100

83 80.7 68.9 103.3

85 52.5 44.0 66.0

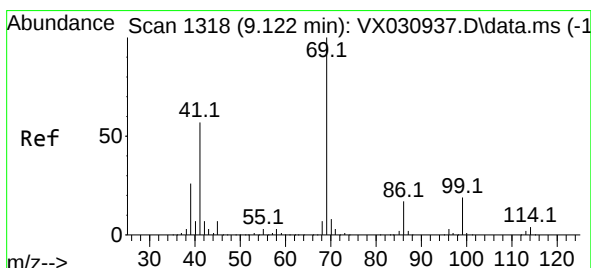
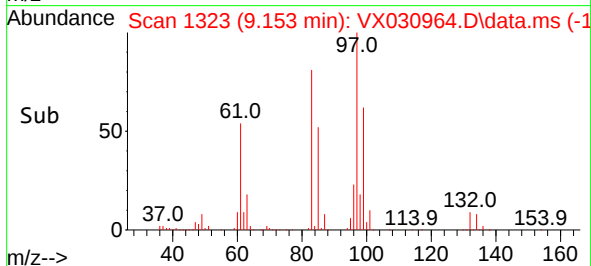
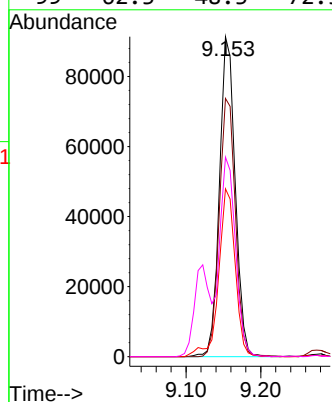
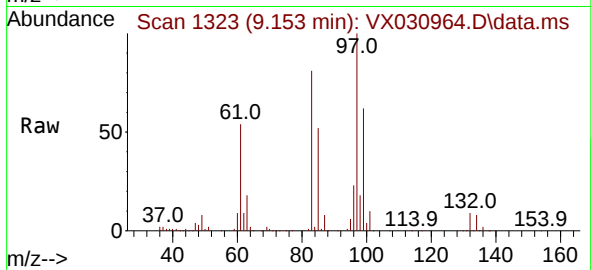
99 62.3 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#56

Ethyl methacrylate

Concen: 49.733 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

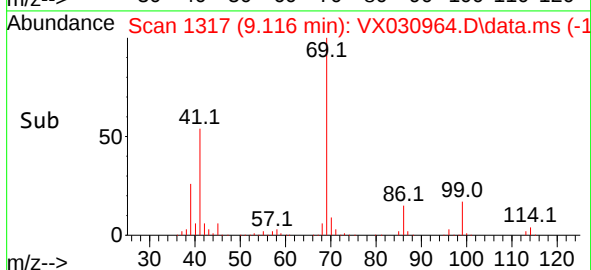
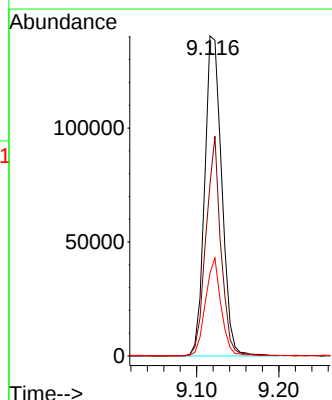
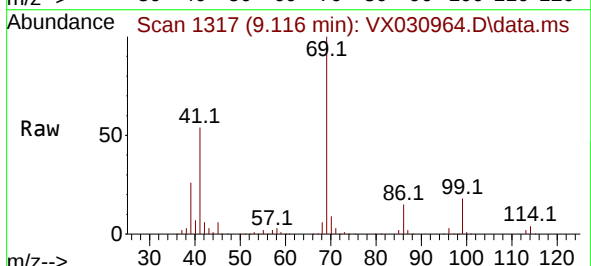
Tgt Ion: 69 Resp: 202848

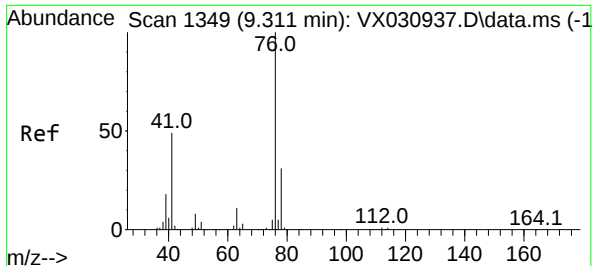
Ion Ratio Lower Upper

69 100

41 60.3 52.3 78.5

39 28.1 28.2 42.4#





#57

1,3-Dichloropropane

Concen: 47.127 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 216462

Ion Ratio Lower Upper

76 100

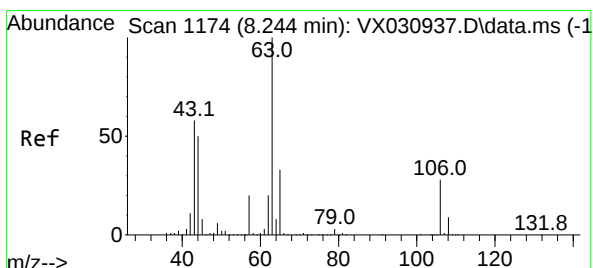
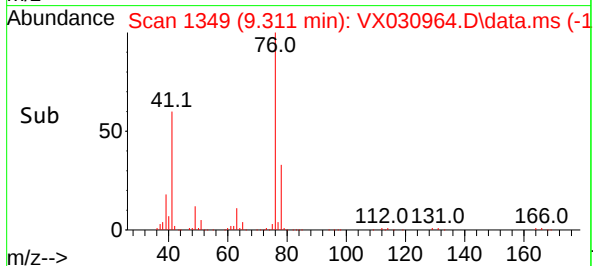
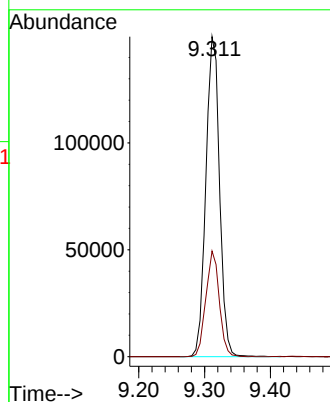
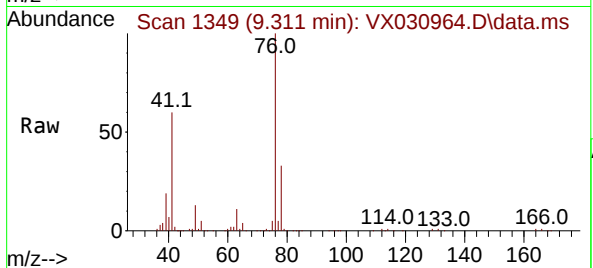
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 248.990 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.013 min

Lab File: VX030964.D

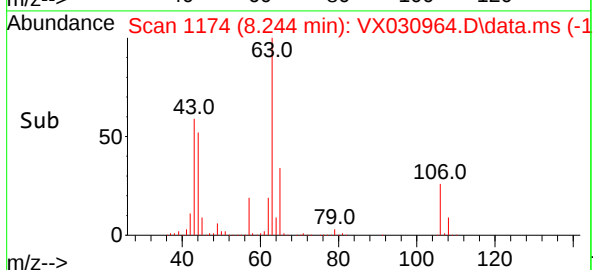
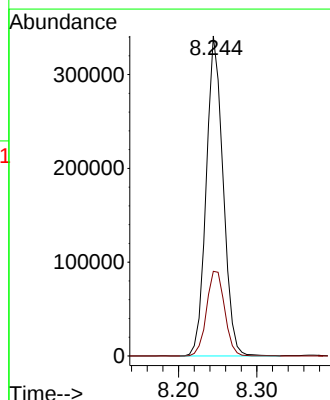
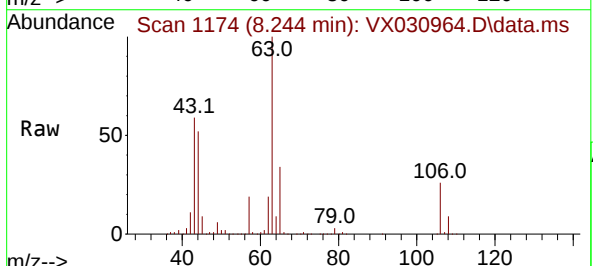
Acq: 31 Aug 2022 01:14

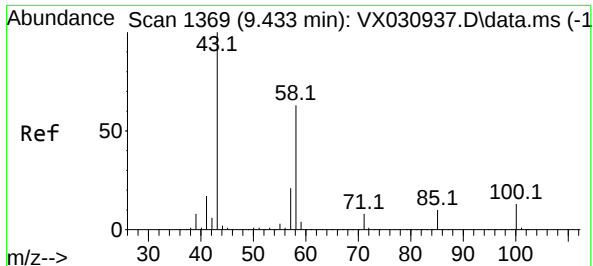
Tgt Ion: 63 Resp: 510075

Ion Ratio Lower Upper

63 100

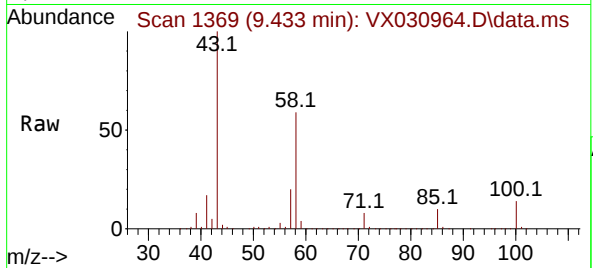
106 28.4 22.2 33.2





#59
2-Hexanone
Concen: 235.773 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

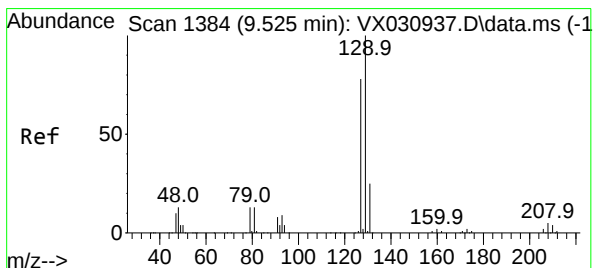
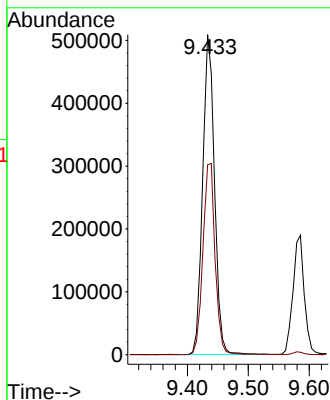
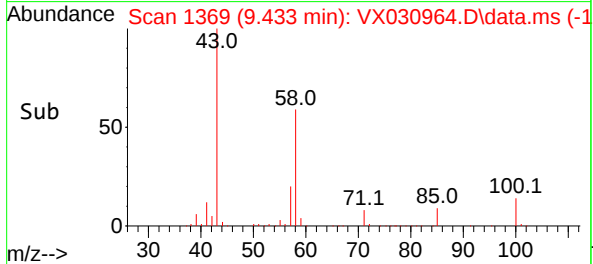
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 68824
Ion Ratio Lower Upper
43 100
58 61.8 27.6 82.8

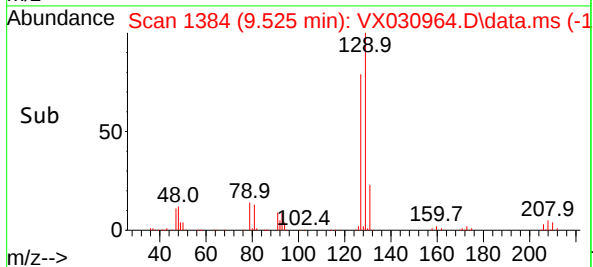
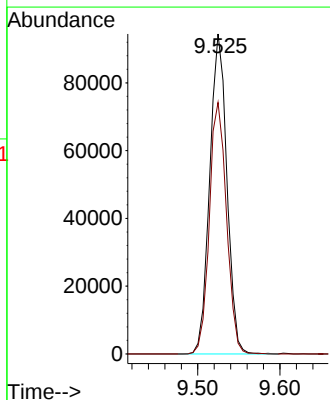
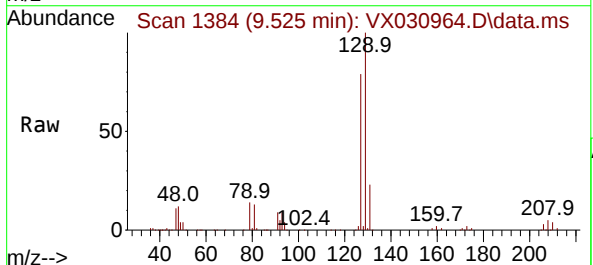
Manual Integrations
APPROVED

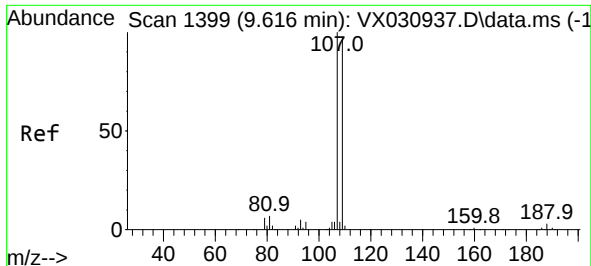
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#60
Dibromochloromethane
Concen: 49.534 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

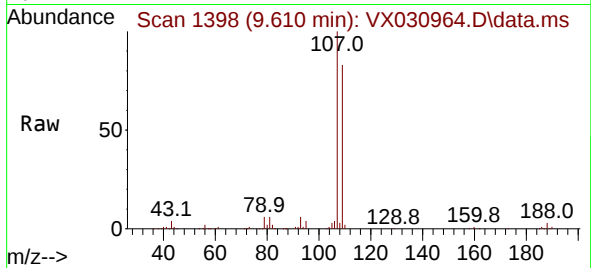
Tgt Ion:129 Resp: 137102
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.814 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

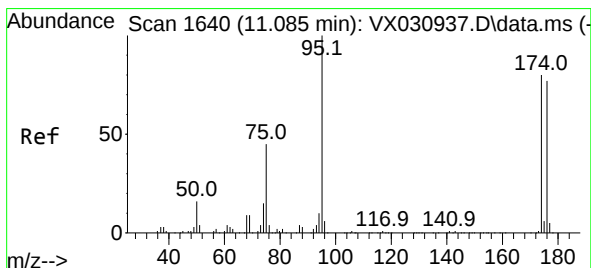
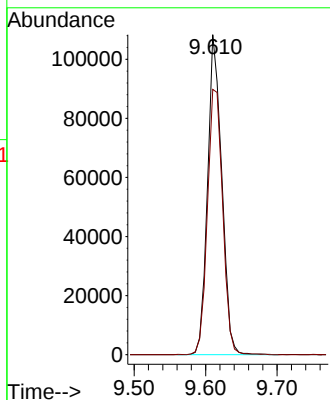
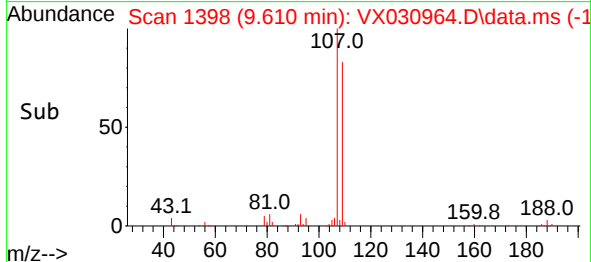
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



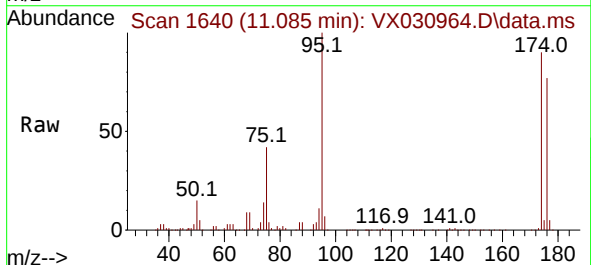
Tgt Ion:107 Resp: 148983
Ion Ratio Lower Upper
107 100
109 89.3 76.6 114.8

Manual Integrations
APPROVED

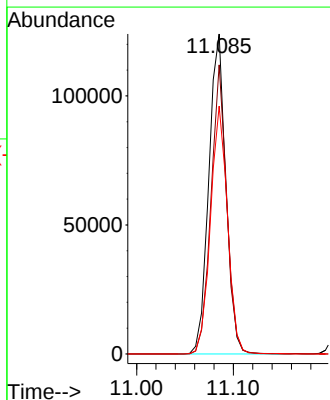
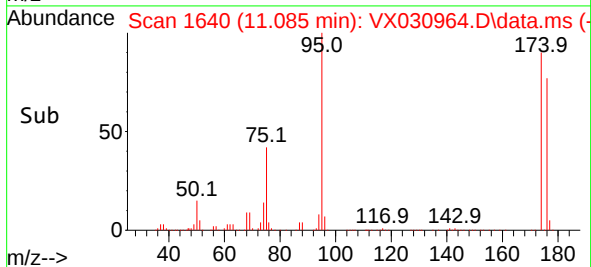
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

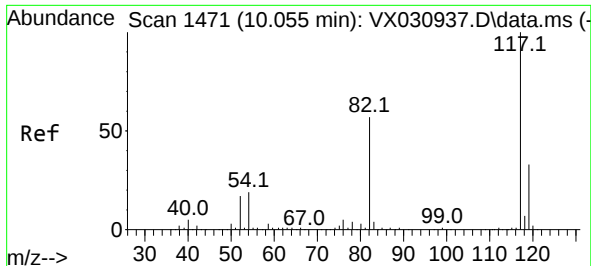


#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



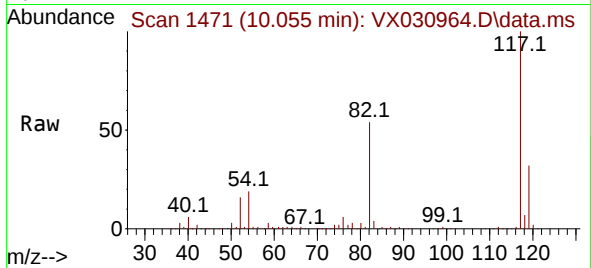
Tgt Ion: 95 Resp: 152073
Ion Ratio Lower Upper
95 100
174 82.9 0.0 149.0
176 77.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

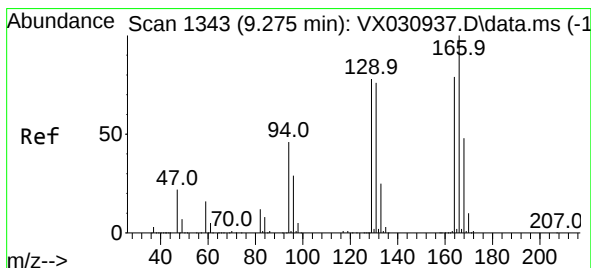
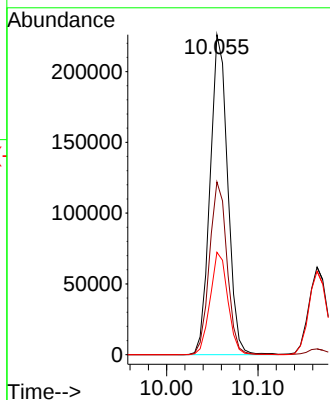
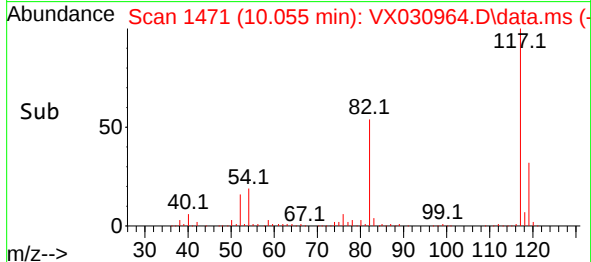
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 30134
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 32.0 25.4 38.2

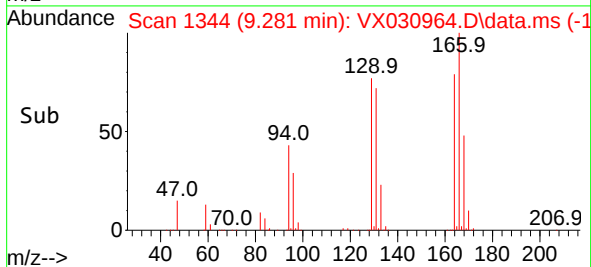
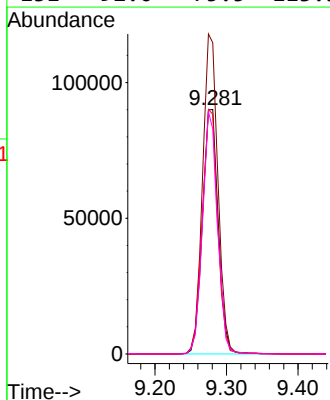
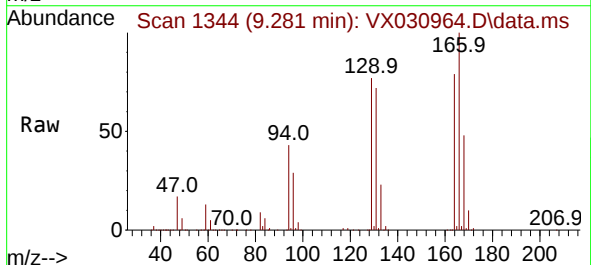
Manual Integrations
APPROVED

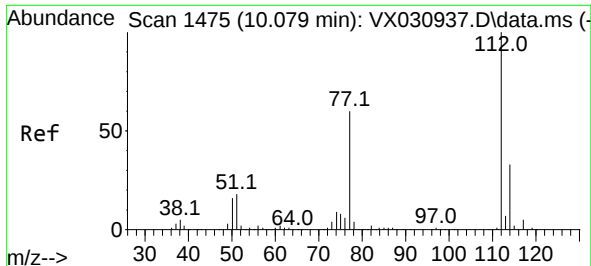
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#64
Tetrachloroethene
Concen: 48.251 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion:164 Resp: 137527
Ion Ratio Lower Upper
164 100
166 127.3 98.2 147.4
129 98.1 80.8 121.2
131 92.0 75.5 113.3





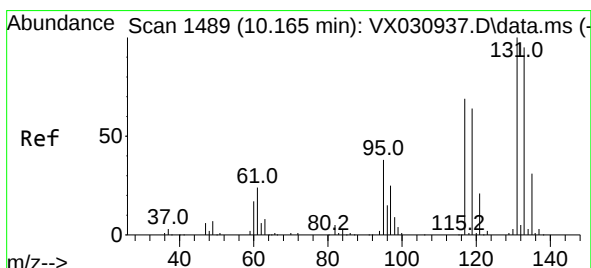
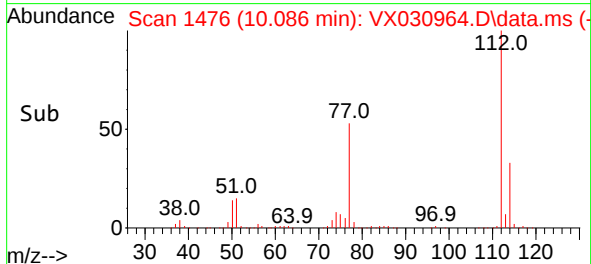
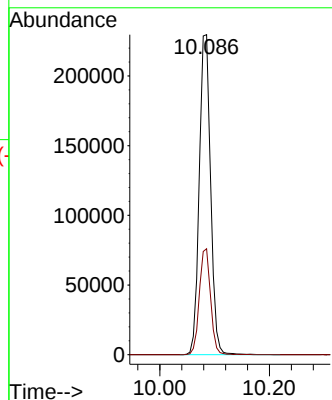
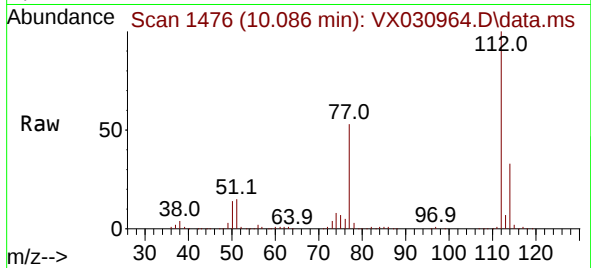
#65
Chlorobenzene
Concen: 46.486 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 331233
Ion Ratio Lower Upper
112 100
114 33.1 24.6 36.8

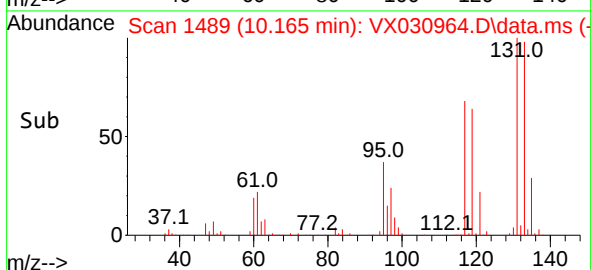
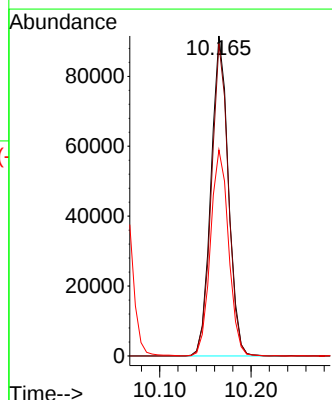
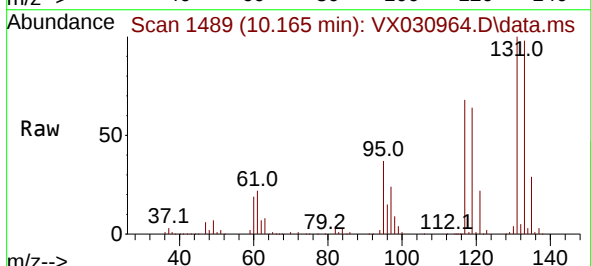
Manual Integrations
APPROVED

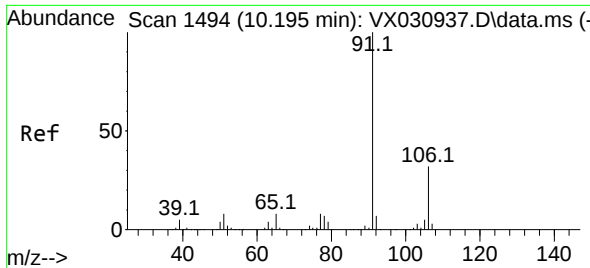
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.019 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

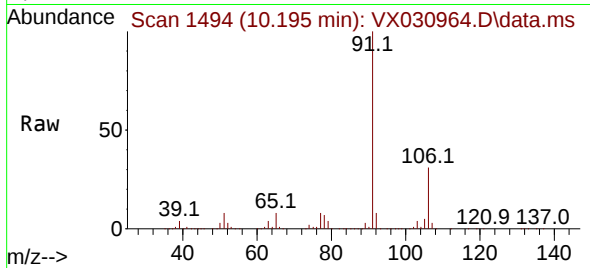
Tgt Ion:131 Resp: 121231
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 67.0 34.4 103.1





#67
Ethyl Benzene
Concen: 46.574 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

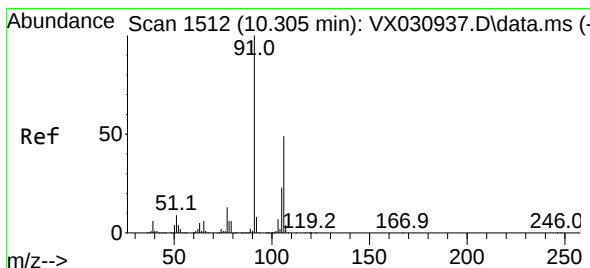
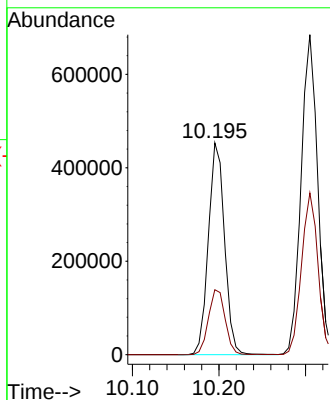
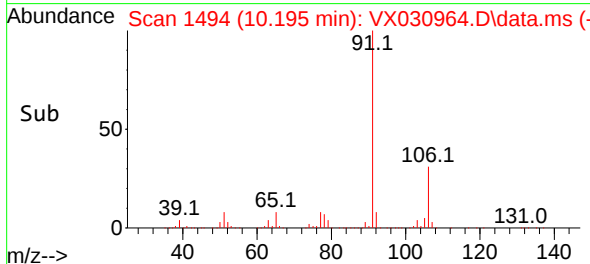
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



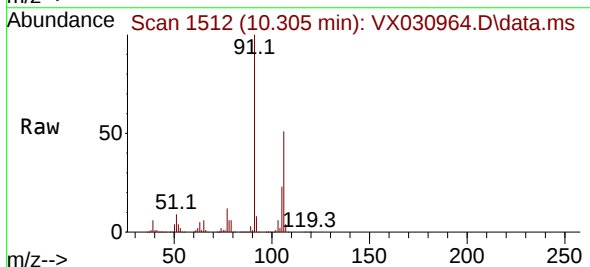
Tgt Ion: 91 Resp: 58865
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

Manual Integrations
APPROVED

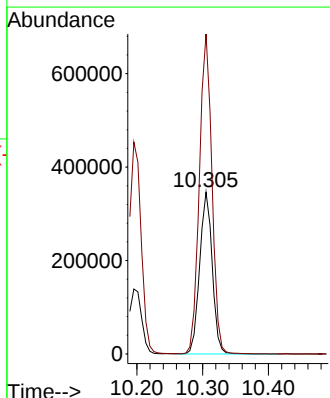
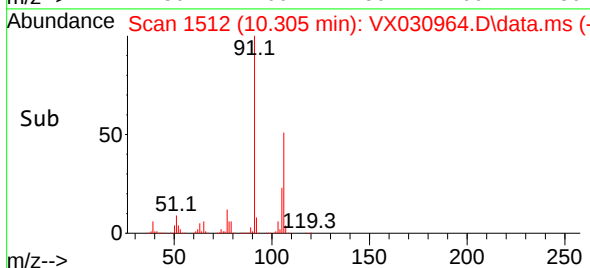
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

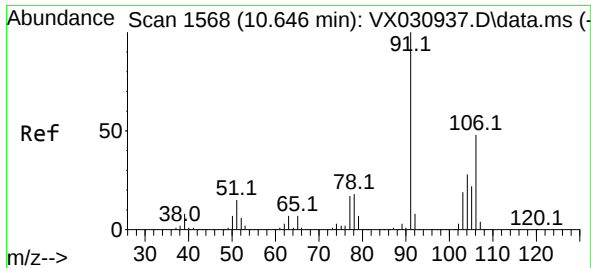


#68
m/p-Xylenes
Concen: 96.005 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



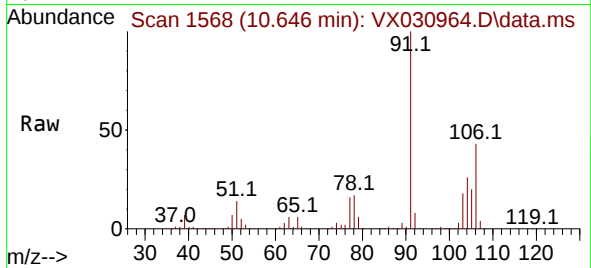
Tgt Ion:106 Resp: 459614
Ion Ratio Lower Upper
106 100
91 198.0 158.2 237.4





#69
o-Xylene
Concen: 47.854 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

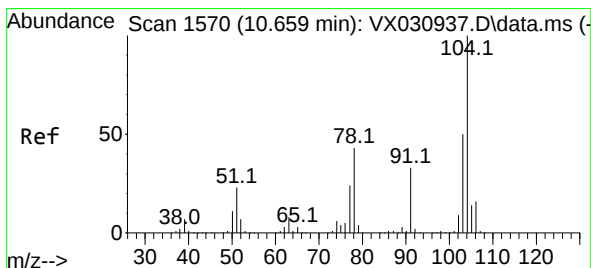
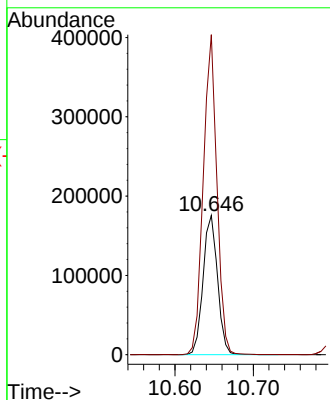
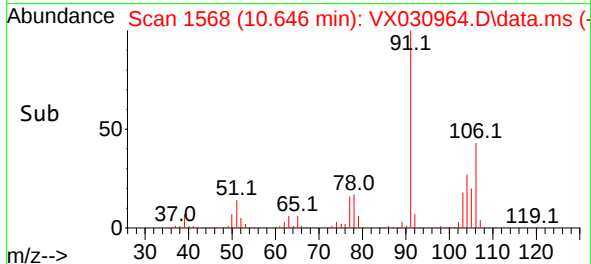
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



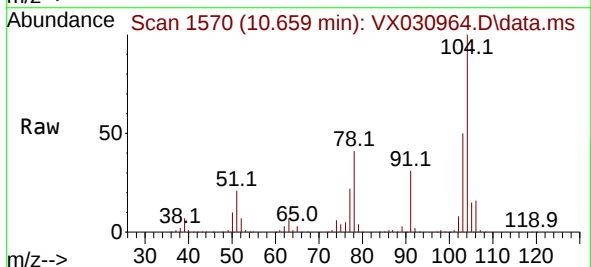
Tgt Ion:106 Resp: 224218
Ion Ratio Lower Upper
106 100
91 217.2 103.8 311.6

Manual Integrations
APPROVED

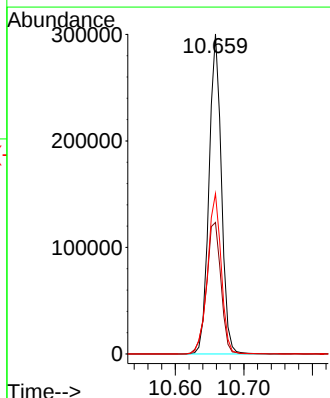
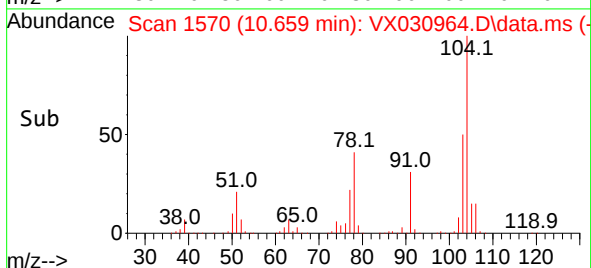
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

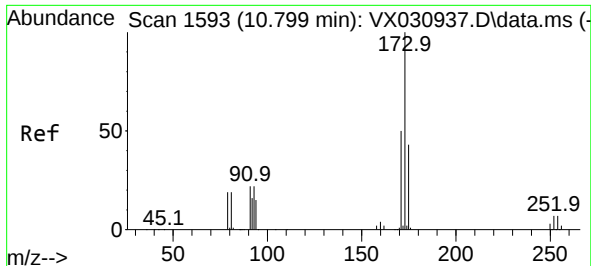


#70
Styrene
Concen: 47.771 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14



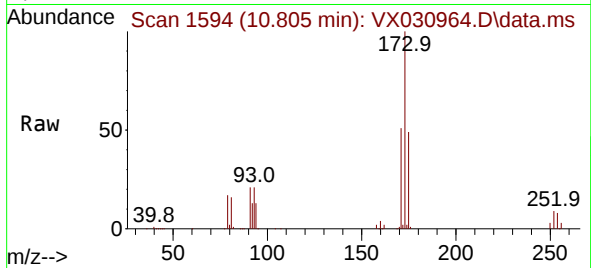
Tgt Ion:104 Resp: 377856
Ion Ratio Lower Upper
104 100
78 47.9 37.8 56.8
103 55.1 44.5 66.7





#71
Bromoform
Concen: 50.570 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

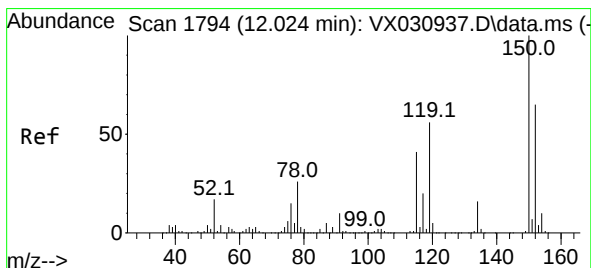
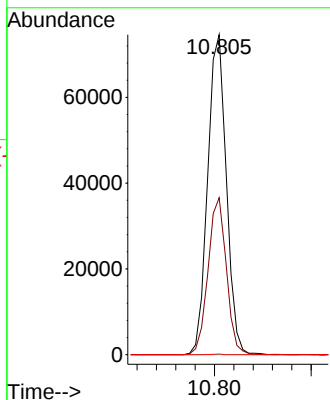
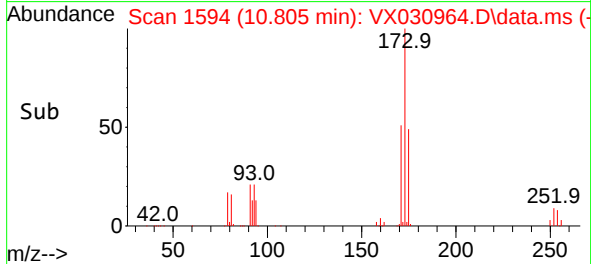
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10018
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.2
254 0.1 0.1 0.1

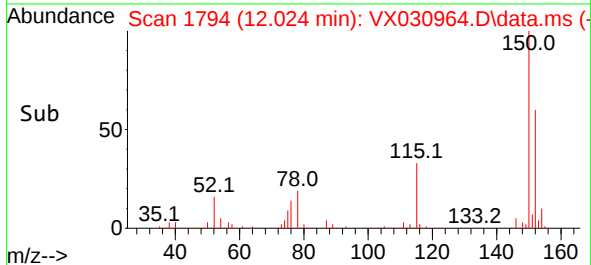
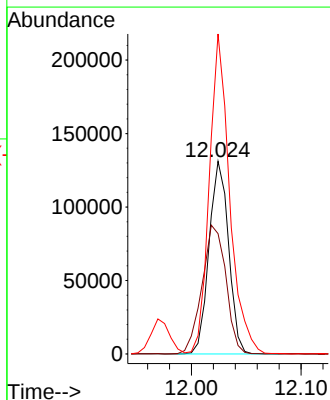
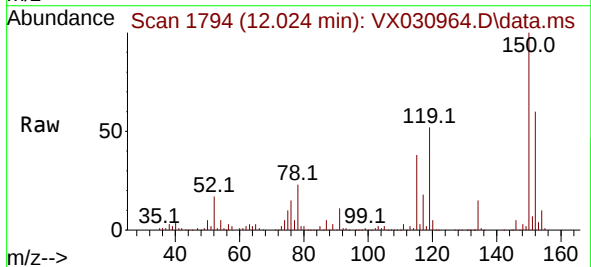
Manual Integrations
APPROVED

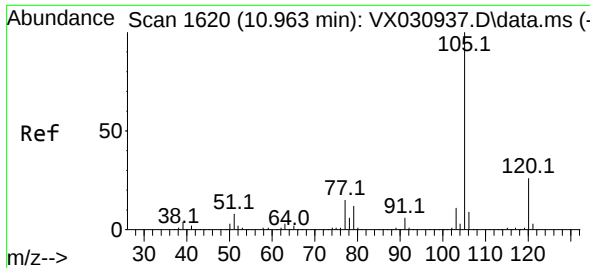
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion:152 Resp: 162043
Ion Ratio Lower Upper
152 100
115 81.8 40.5 121.5
150 172.8 0.0 347.0





#73
Isopropylbenzene
Concen: 47.261 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

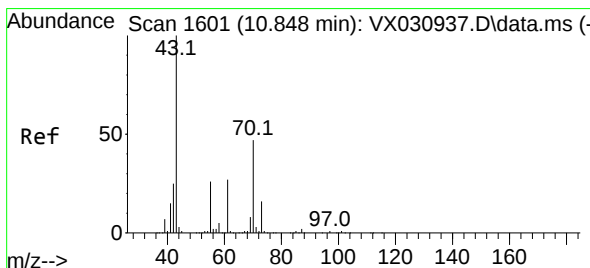
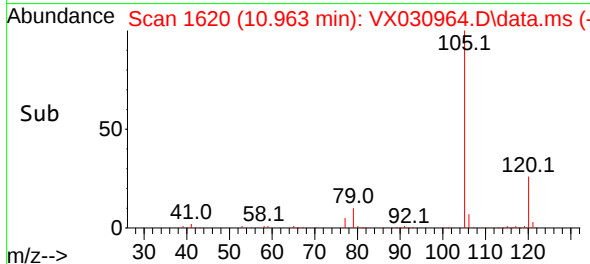
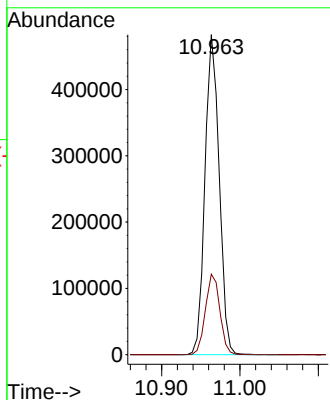
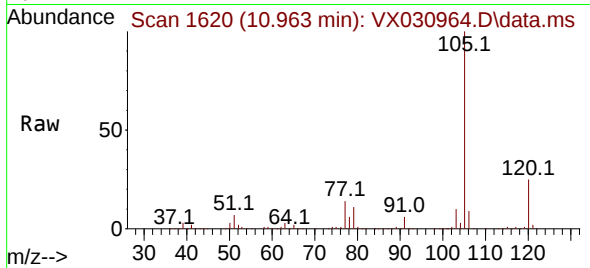
VSTDCCC050EC

Tgt Ion:105 Resp: 605880
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

Manual Integrations

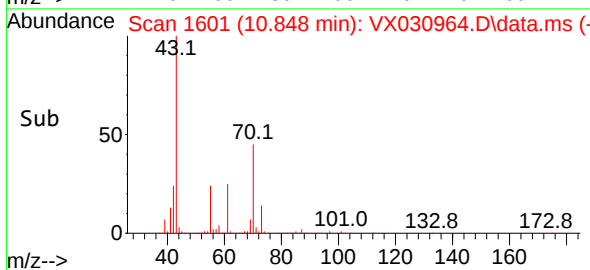
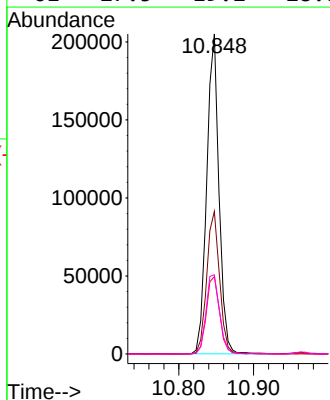
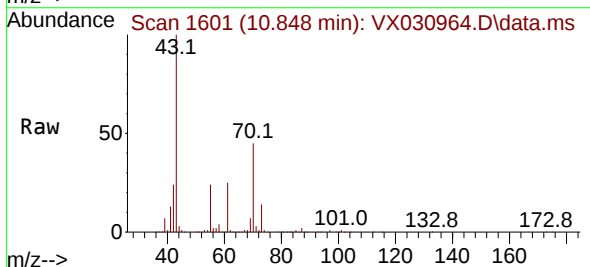
APPROVED

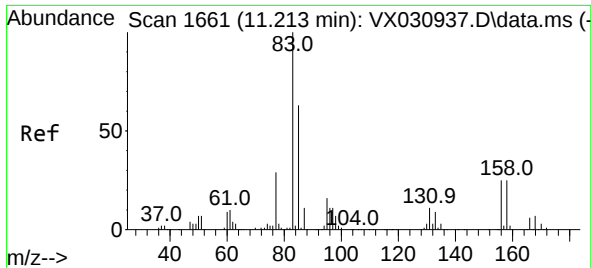
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#74
N-ethyl acetate
Concen: 46.979 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion: 43 Resp: 232840
Ion Ratio Lower Upper
43 100
70 46.7 32.3 48.5
55 26.1 18.4 27.6
61 27.5 19.2 28.8





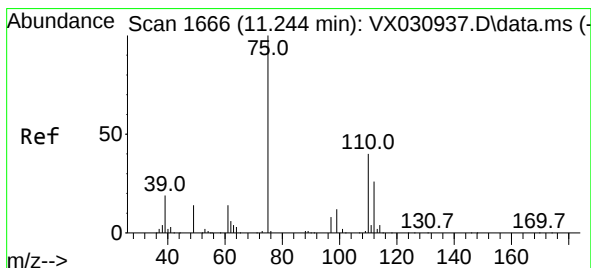
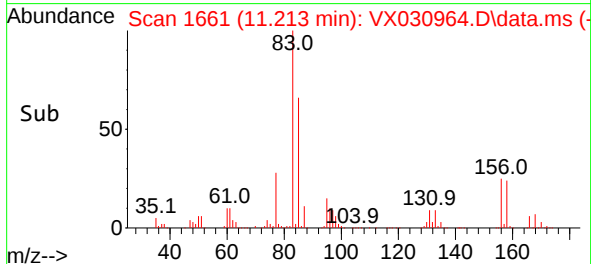
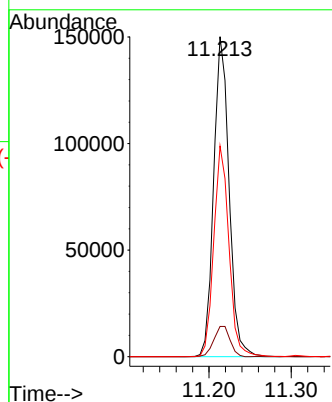
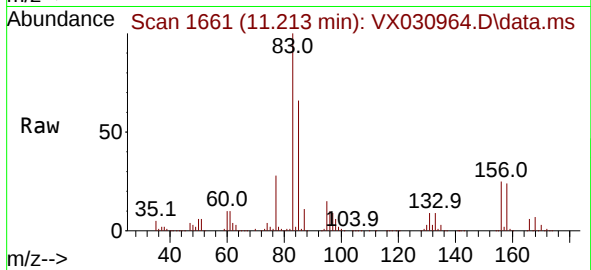
#75
1,1,2,2-Tetrachloroethane
Concen: 44.458 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 19526
Ion Ratio Lower Upper
83 100
131 10.0 4.5 13.7
85 64.9 32.5 97.5

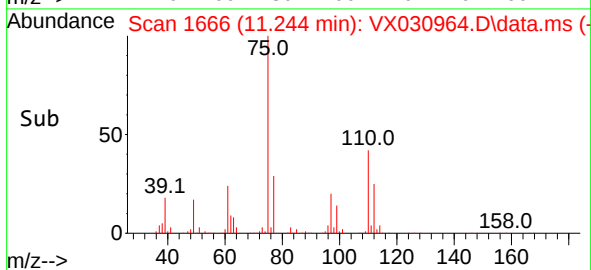
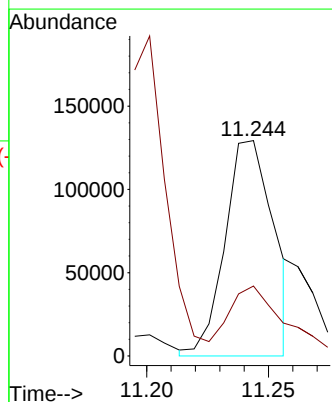
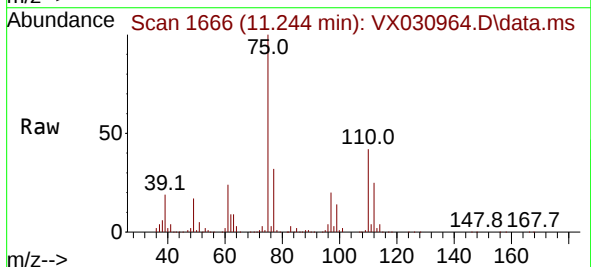
Manual Integrations
APPROVED

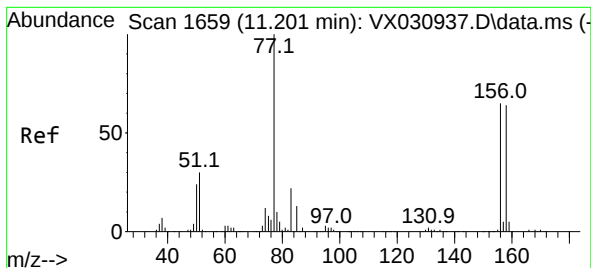
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#76
1,2,3-Trichloropropane
Concen: 45.147 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion: 75 Resp: 180104
Ion Ratio Lower Upper
75 100
77 37.9 19.8 59.3





#77

Bromobenzene

Concen: 45.893 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

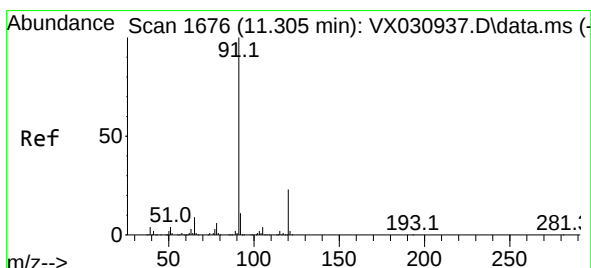
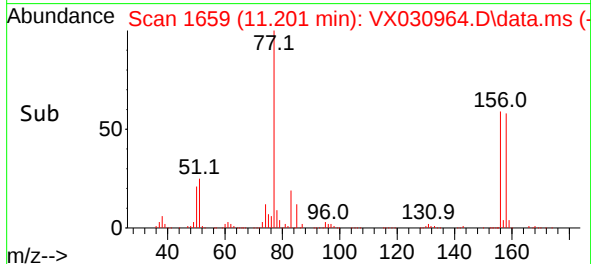
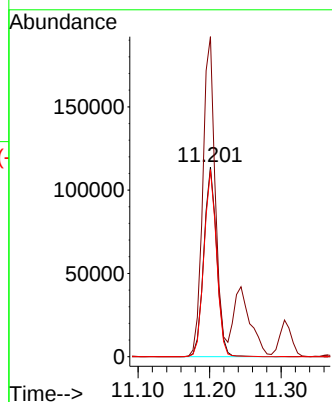
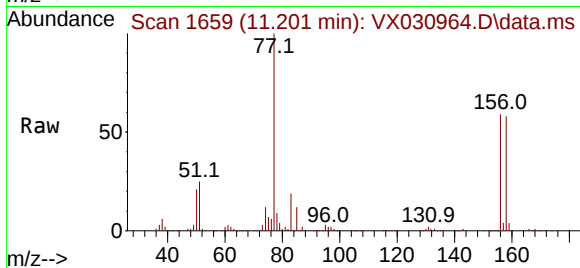
Tgt Ion:156 Resp: 142573
 Ion Ratio Lower Upper
 156 100
 77 164.0 82.7 247.9
 158 96.9 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#78

n-propylbenzene

Concen: 46.921 ug/l

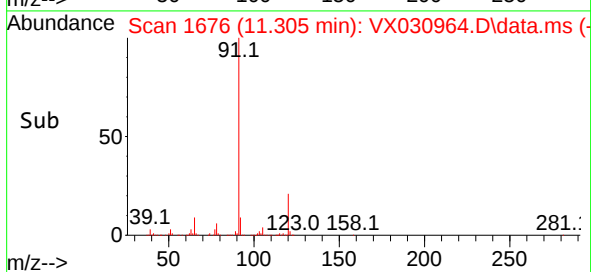
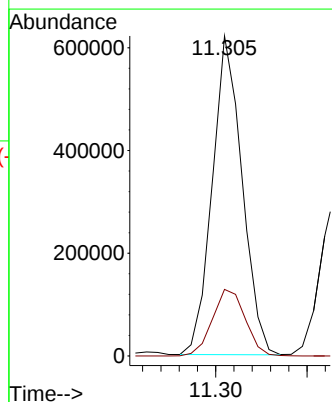
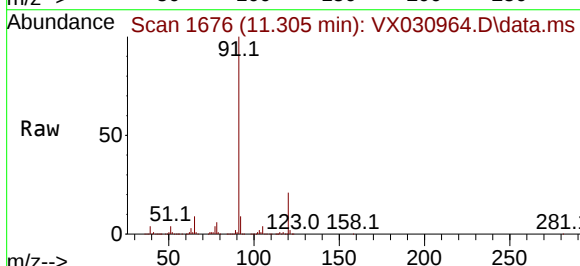
RT: 11.305 min Scan# 1676

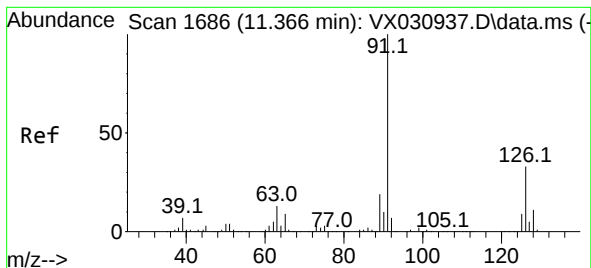
Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Tgt Ion: 91 Resp: 704955
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.6 34.8





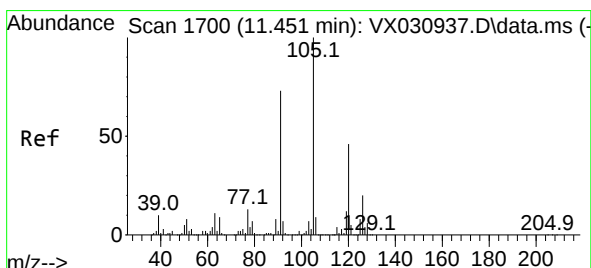
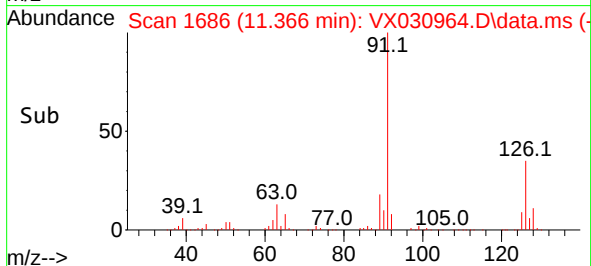
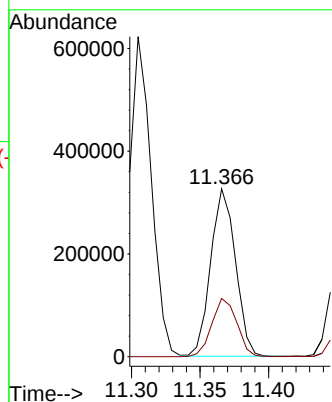
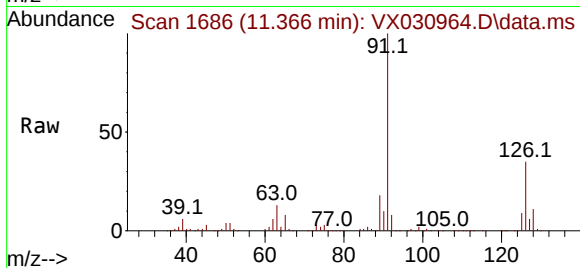
#79
2-Chlorotoluene
Concen: 43.941 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 410040
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3

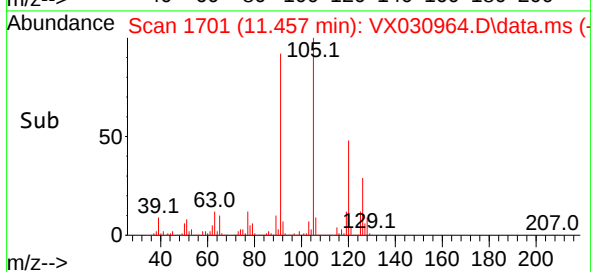
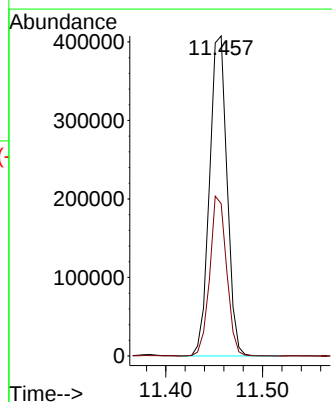
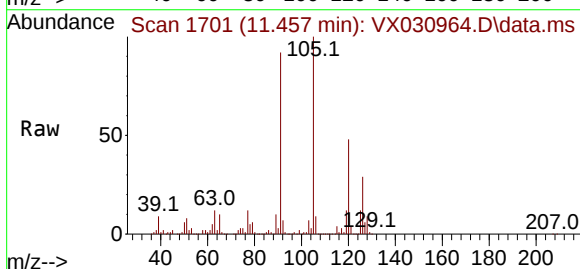
Manual Integrations
APPROVED

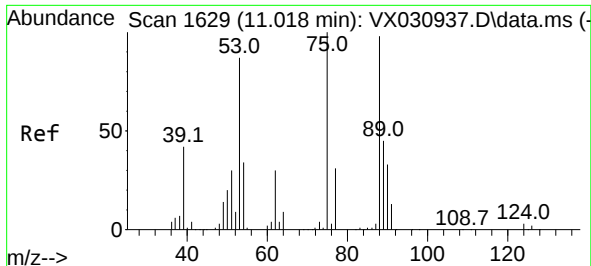
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.448 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion:105 Resp: 512547
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.2





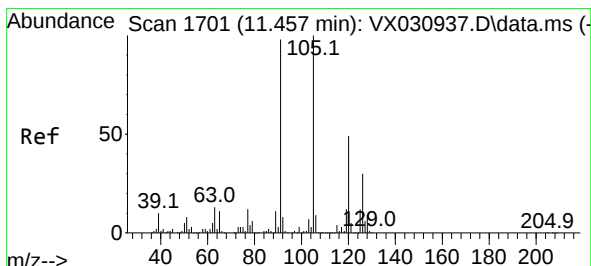
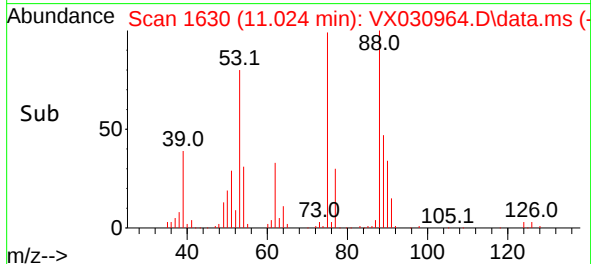
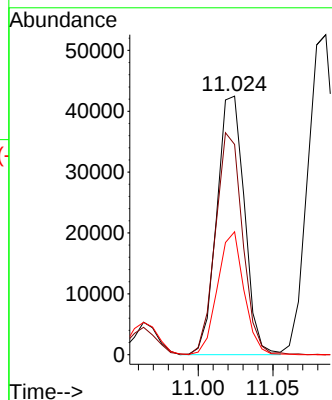
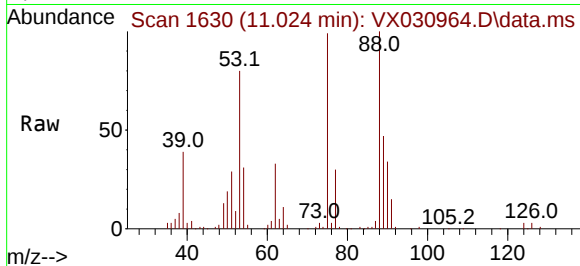
#81
trans-1,4-Dichloro-2-butene
Concen: 40.738 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 54662
Ion Ratio Lower Upper
75 100
53 84.4 74.2 111.4
89 45.4 34.8 52.2

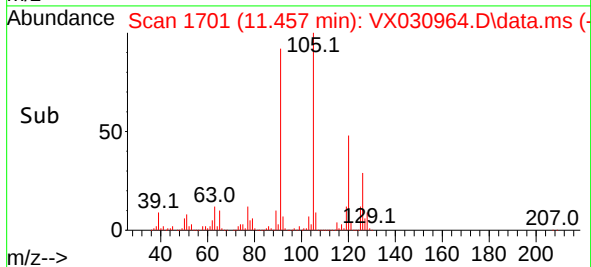
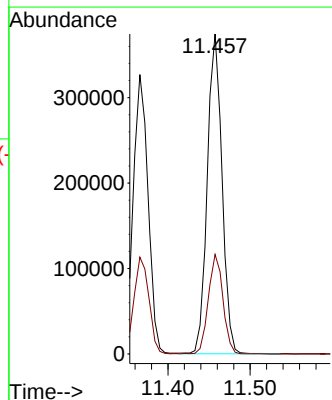
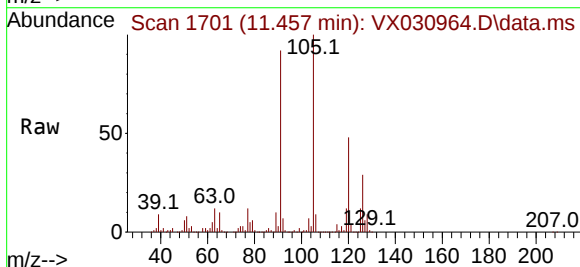
Manual Integrations
APPROVED

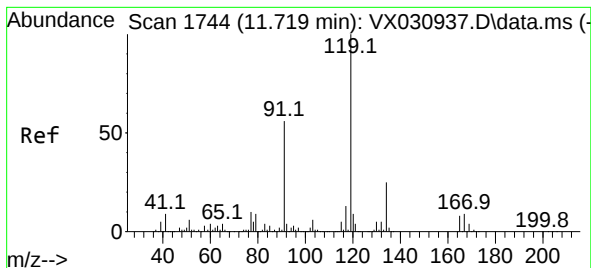
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#82
4-Chlorotoluene
Concen: 44.613 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion: 91 Resp: 465400
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9





#83

tert-Butylbenzene

Concen: 47.156 ug/l

RT: 11.719 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

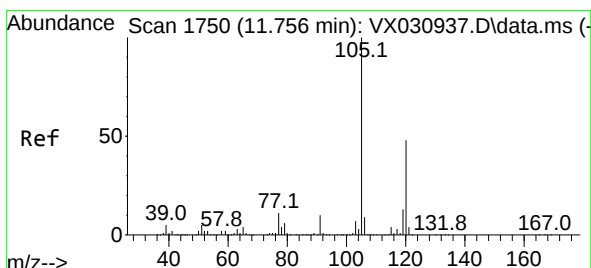
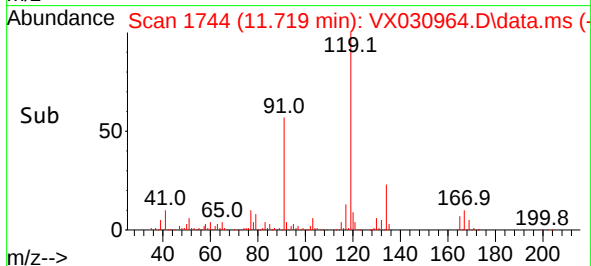
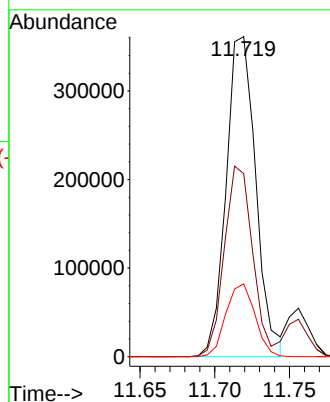
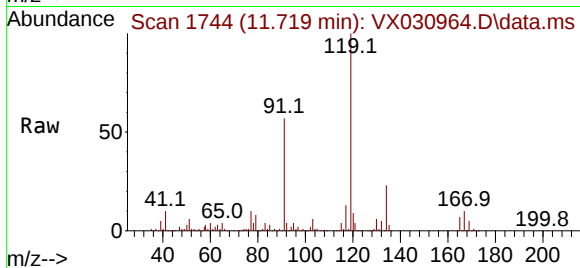
Tgt Ion:	119	Resp:	50005
Ion Ratio	Lower	Upper	
119	100		
91	56.6	28.3	84.9
134	22.3	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#84

1,2,4-Trimethylbenzene

Concen: 47.211 ug/l

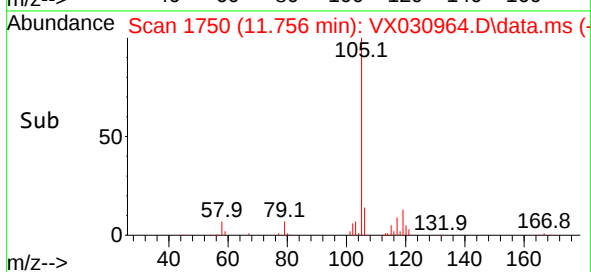
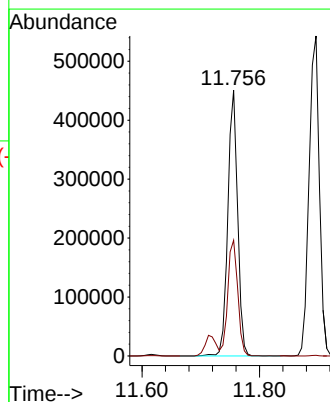
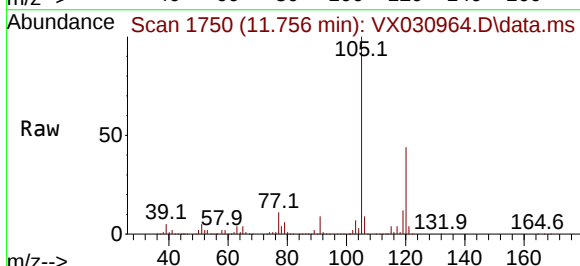
RT: 11.756 min Scan# 1750

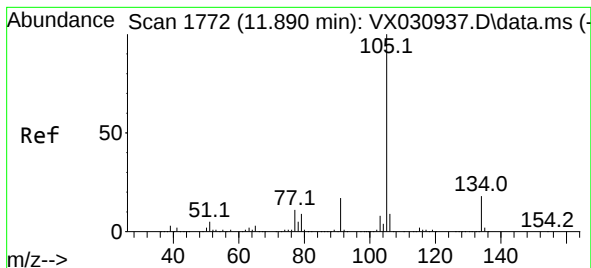
Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

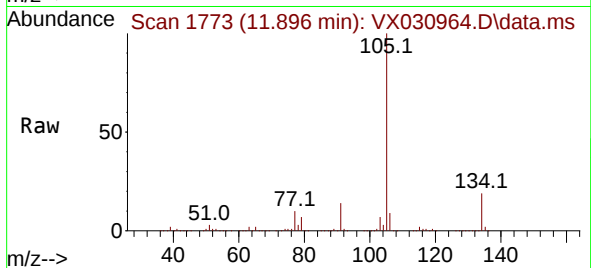
Tgt Ion:	105	Resp:	522094
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.9	68.8





#85
 sec-Butylbenzene
 Concen: 48.006 ug/l
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030964.D
 Acq: 31 Aug 2022 01:14

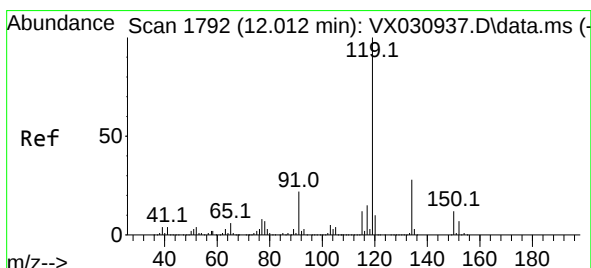
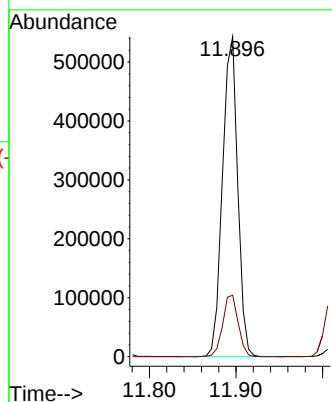
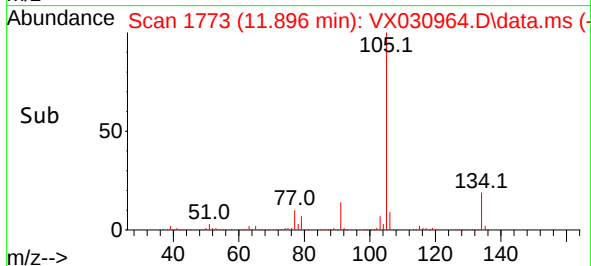
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 660723
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

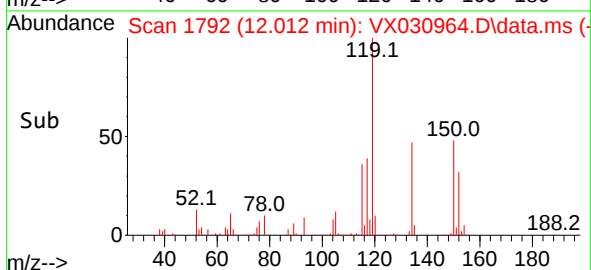
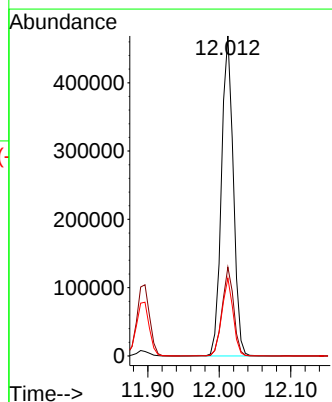
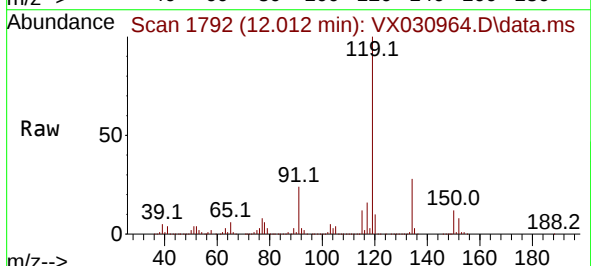
Manual Integrations
 APPROVED

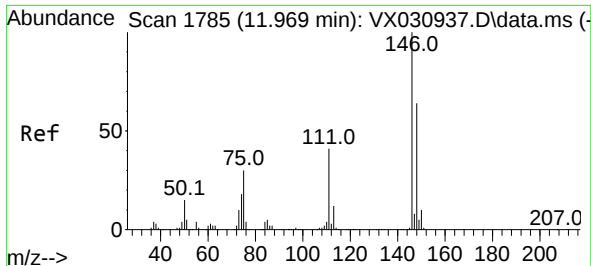
Reviewed By :John Carlone 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022



#86
 p-Isopropyltoluene
 Concen: 47.357 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030964.D
 Acq: 31 Aug 2022 01:14

Tgt Ion:119 Resp: 540729
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.9 41.6
 91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.645 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

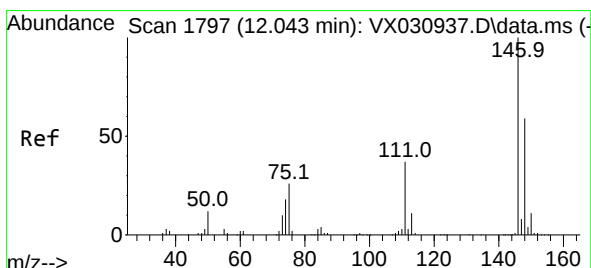
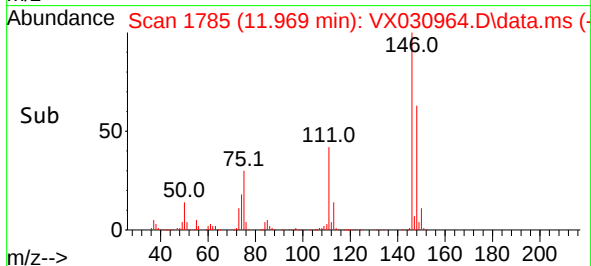
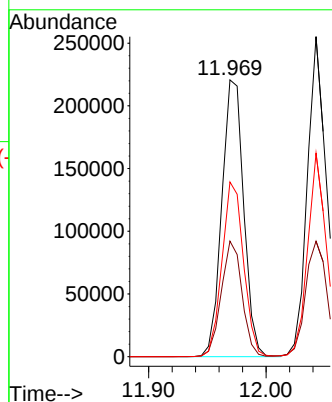
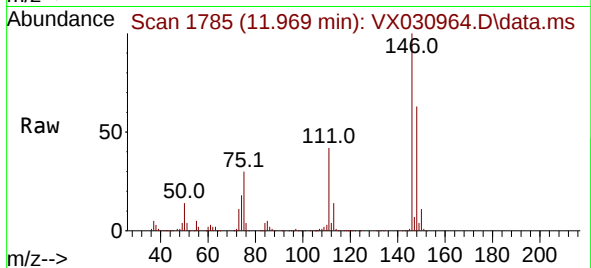
Tgt Ion:146 Resp: 28571
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 62.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#88

1,4-Dichlorobenzene

Concen: 45.905 ug/l

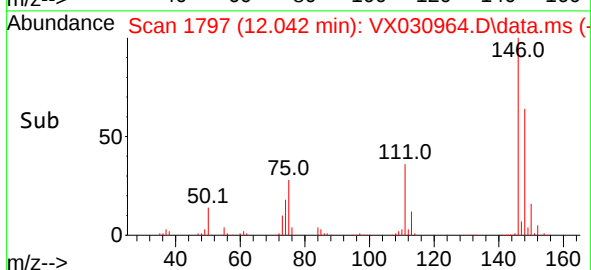
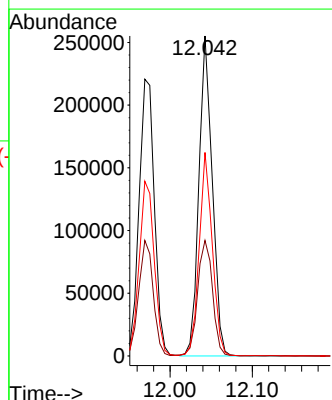
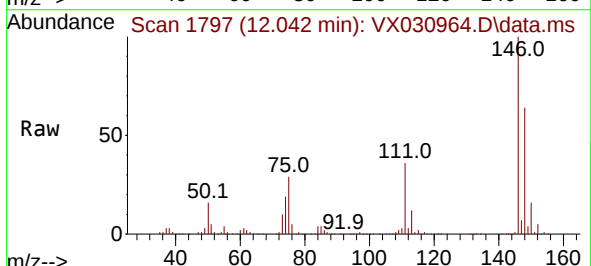
RT: 12.042 min Scan# 1797

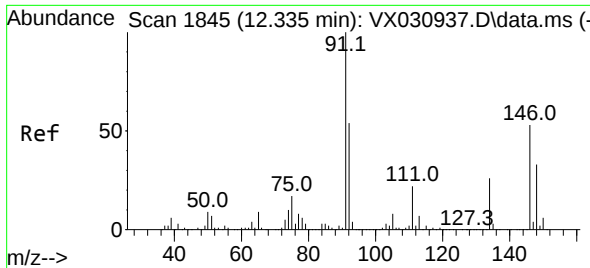
Delta R.T. -0.001 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

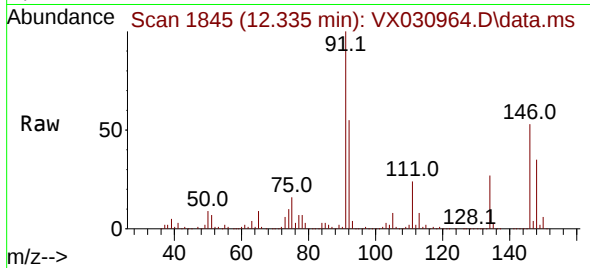
Tgt Ion:146 Resp: 288300
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 62.4 32.3 96.8





#89
n-Butylbenzene
Concen: 45.165 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

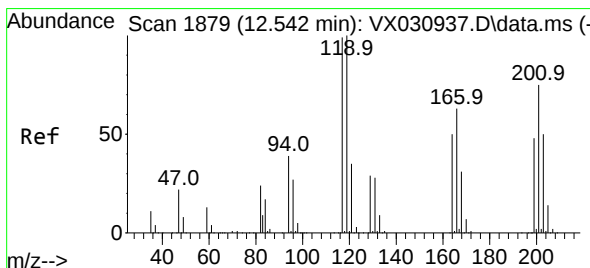
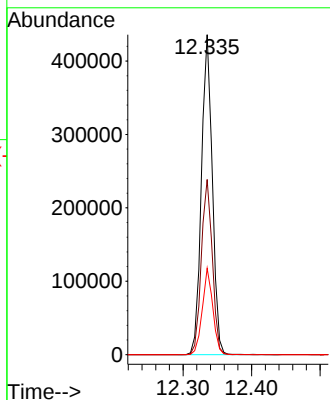
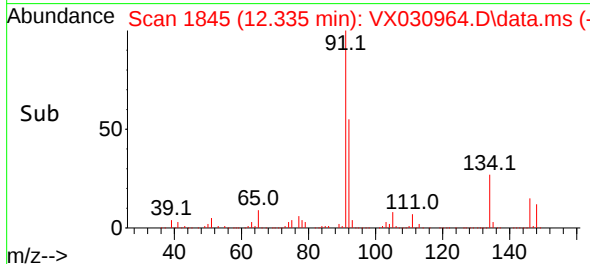
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 482660
Ion Ratio Lower Upper
91 100
92 55.1 26.2 78.5
134 26.1 12.6 37.8

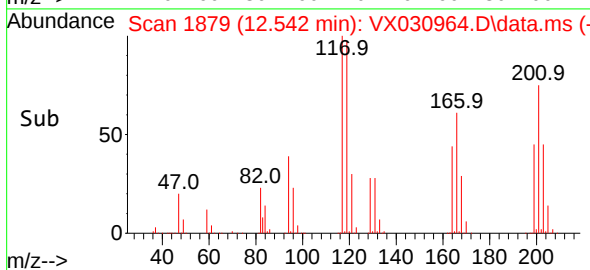
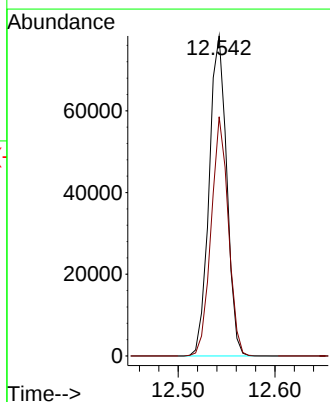
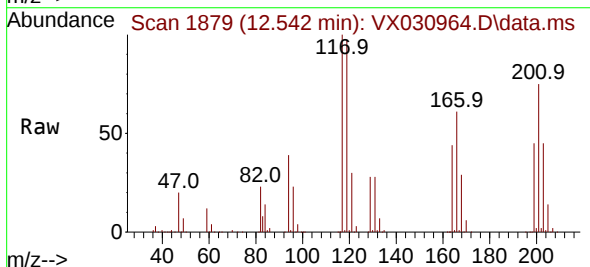
Manual Integrations
APPROVED

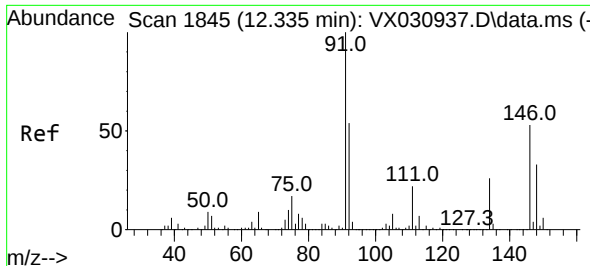
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#90
Hexachloroethane
Concen: 49.470 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion:117 Resp: 99173
Ion Ratio Lower Upper
117 100
201 72.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 46.386 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

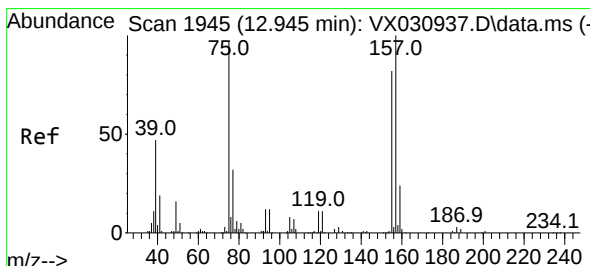
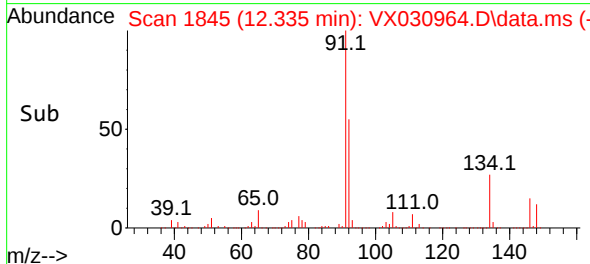
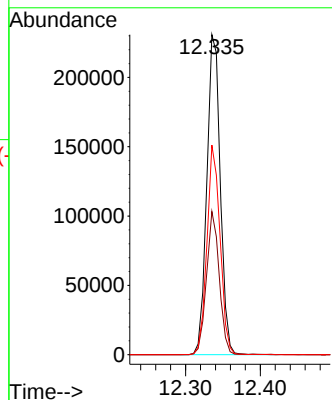
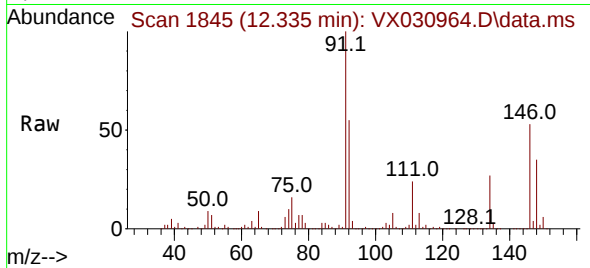
Tgt Ion:146 Resp: 28820
Ion Ratio Lower Upper
146 100
111 42.6 20.7 62.1
148 64.0 32.0 96.2

Manual Integrations

APPROVED

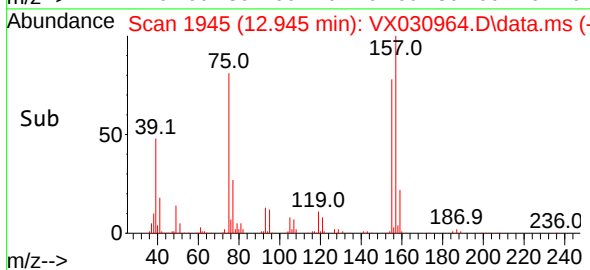
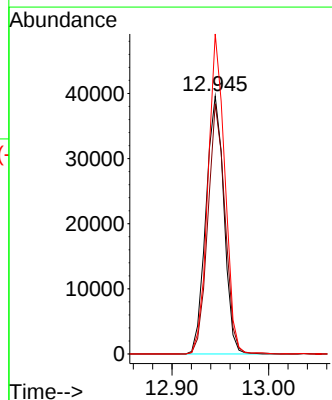
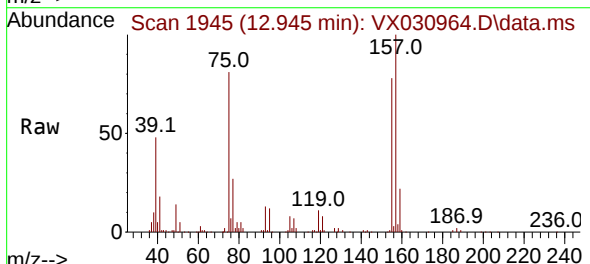
Reviewed By :John Carlone 08/31/2022

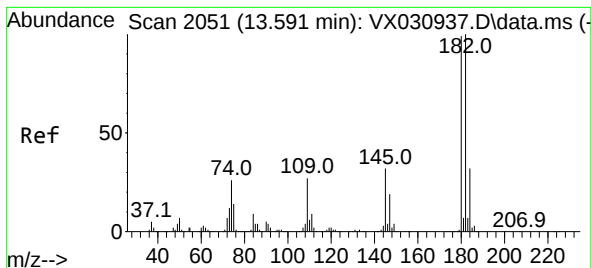
Supervised By :Mahesh Dadoda 08/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.681 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion: 75 Resp: 51143
Ion Ratio Lower Upper
75 100
155 92.2 45.0 134.8
157 116.8 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 45.497 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

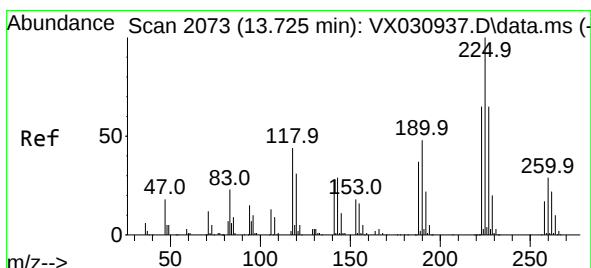
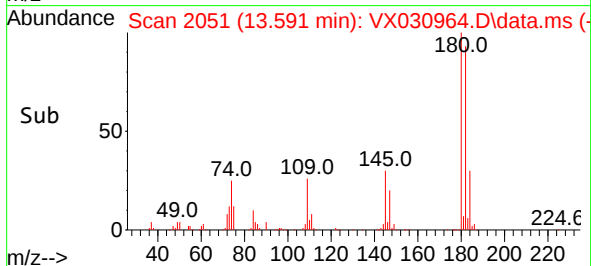
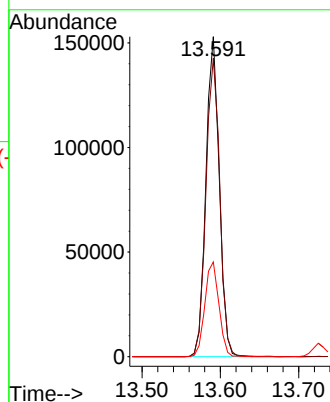
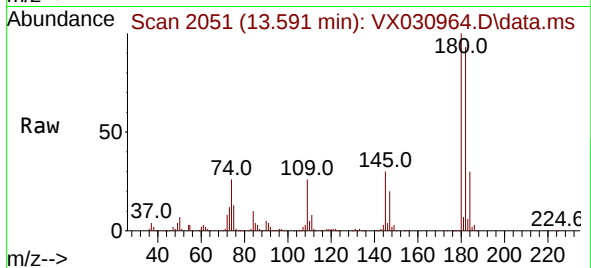
Tgt Ion:180	Resp:	180704
Ion Ratio	Lower	Upper
180	100	
182	96.4	48.2 144.6
145	31.2	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#94

Hexachlorobutadiene

Concen: 42.416 ug/l

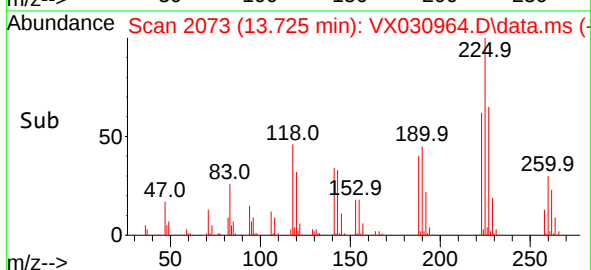
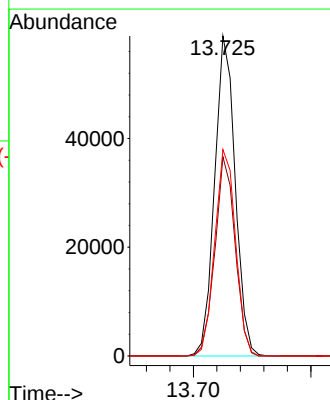
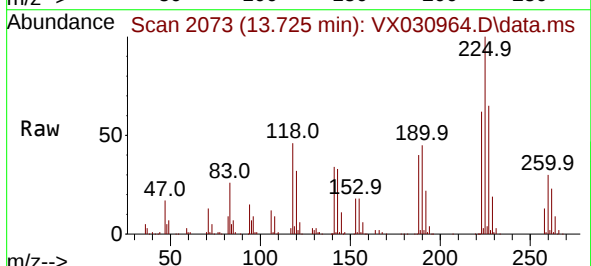
RT: 13.725 min Scan# 2073

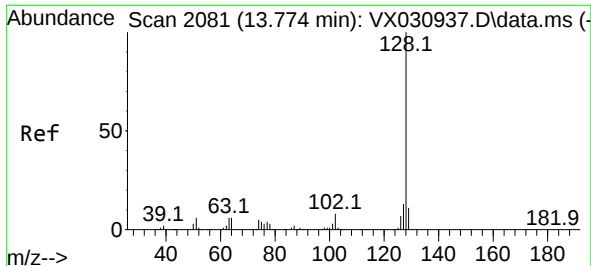
Delta R.T. 0.000 min

Lab File: VX030964.D

Acq: 31 Aug 2022 01:14

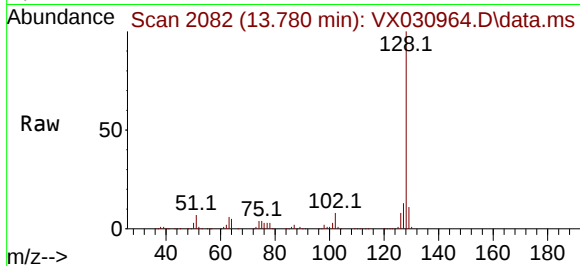
Tgt Ion:225	Resp:	71541
Ion Ratio	Lower	Upper
225	100	
223	61.5	30.6 91.6
227	65.2	31.9 95.9





#95
Naphthalene
Concen: 48.574 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

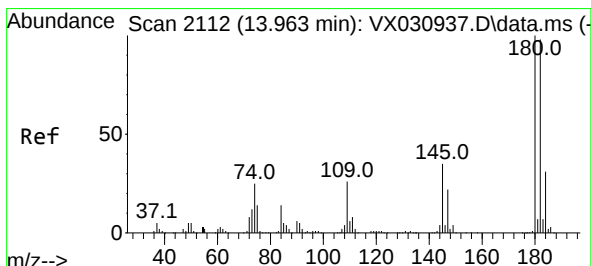
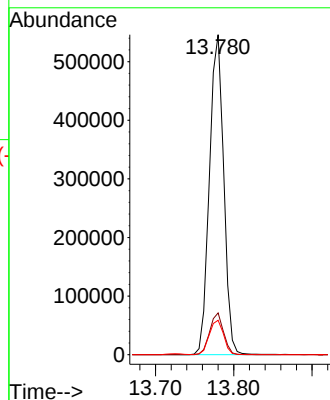
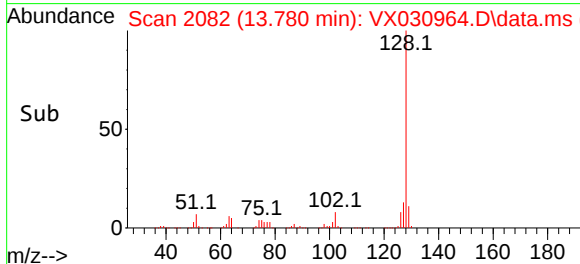
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 689984
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.418 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030964.D
Acq: 31 Aug 2022 01:14

Tgt Ion:180 Resp: 194165
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 32.7 17.0 50.9

