

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035926.D
 Acq On : 31 May 2023 11:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: May 31 11:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:19:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	194069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159516	46.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.500%		
35) Dibromofluoromethane	5.385	113	121183	49.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	437212	48.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	176877	49.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96164	37.260	ug/l	99
3) Chloromethane	1.294	50	118065	44.367	ug/l	97
4) Vinyl Chloride	1.374	62	108211	42.333	ug/l	98
5) Bromomethane	1.617	94	73204	47.788	ug/l	96
6) Chloroethane	1.691	64	68072	47.661	ug/l	99
7) Trichlorofluoromethane	1.886	101	146584	38.213	ug/l	97
8) Diethyl Ether	2.130	74	69144	49.085	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	87377	38.430	ug/l	97
10) Methyl Iodide	2.453	142	120797	52.374	ug/l	100
11) Tert butyl alcohol	3.013	59	140242m	233.516	ug/l	
12) 1,1-Dichloroethene	2.318	96	92337	43.329	ug/l	97
13) Acrolein	2.239	56	132481	222.448	ug/l	99
14) Allyl chloride	2.666	41	203418	48.317	ug/l	97
15) Acrylonitrile	3.068	53	326253	237.492	ug/l	100
16) Acetone	2.392	43	318956	229.084	ug/l	96
17) Carbon Disulfide	2.514	76	231320	46.863	ug/l	99
18) Methyl Acetate	2.709	43	259389	48.250	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	389824	47.444	ug/l	99
20) Methylene Chloride	2.788	84	123468	38.489	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	108325	46.110	ug/l	97
22) Diisopropyl ether	3.757	45	396249	46.871	ug/l	95
23) Vinyl Acetate	3.721	43	1433747	243.455	ug/l	98
24) 1,1-Dichloroethane	3.611	63	216300	46.362	ug/l	99
25) 2-Butanone	4.562	43	470676	233.709	ug/l	98
26) 2,2-Dichloropropane	4.477	77	164299	45.667	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	134006	49.038	ug/l	95
28) Bromochloromethane	4.897	49	120299	53.210	ug/l	92
29) Tetrahydrofuran	5.007	42	304379	233.605	ug/l	97
30) Chloroform	5.092	83	223659	46.729	ug/l	99
31) Cyclohexane	5.470	56	150229	36.675	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	183342	44.332	ug/l	99
36) 1,1-Dichloropropene	5.690	75	146724	39.210	ug/l	98
37) Ethyl Acetate	4.714	43	177888	43.915	ug/l	97
38) Carbon Tetrachloride	5.678	117	147312	41.768	ug/l	99
39) Methylcyclohexane	7.379	83	143183	33.535	ug/l	98
40) Benzene	6.037	78	469214	44.768	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	103003	44.669	ug/l	97
42) 1,2-Dichloroethane	6.086	62	188058	42.480	ug/l	96
43) Isopropyl Acetate	6.336	43	290620	44.772	ug/l	98
44) Trichloroethene	7.122	130	118551	45.407	ug/l	98
45) 1,2-Dichloropropane	7.427	63	125677	45.471	ug/l	99
46) Dibromomethane	7.580	93	87960	46.348	ug/l	96
47) Bromodichloromethane	7.824	83	167884	47.460	ug/l	97
48) Methyl methacrylate	7.689	41	145365	43.626	ug/l	94
49) 1,4-Dioxane	7.732	88	64145	902.081	ug/l #	81
51) 4-Methyl-2-Pentanone	8.573	43	908531	224.840	ug/l	98
52) Toluene	8.720	92	297186	45.148	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	182681	50.009	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	199409	50.012	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	125064	47.925	ug/l	98
56) Ethyl methacrylate	9.116	69	194934	47.443	ug/l	95
57) 1,3-Dichloropropane	9.305	76	214540	45.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	510582	234.864	ug/l	97
59) 2-Hexanone	9.433	43	680909	222.944	ug/l	97
60) Dibromochloromethane	9.518	129	127226	53.283	ug/l	99
61) 1,2-Dibromoethane	9.610	107	131779	47.954	ug/l	99
64) Tetrachloroethene	9.275	164	95552	43.355	ug/l	95
65) Chlorobenzene	10.079	112	317420	45.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	118691	49.908	ug/l	98
67) Ethyl Benzene	10.195	91	561486	43.659	ug/l	99
68) m/p-Xylenes	10.299	106	429562	90.278	ug/l	97
69) o-Xylene	10.640	106	218893	46.307	ug/l	95
70) Styrene	10.652	104	369190	47.543	ug/l	96
71) Bromoform	10.799	173	84878	55.202	ug/l	99
73) Isopropylbenzene	10.963	105	536990	43.118	ug/l	98
74) N-amyl acetate	10.841	43	252772	46.667	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	188407	46.285	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	158442m	41.347	ug/l	
77) Bromobenzene	11.195	156	134931	48.034	ug/l	95
78) n-propylbenzene	11.305	91	613780	42.286	ug/l	98
79) 2-Chlorotoluene	11.366	91	398076	43.260	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	464240	43.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	54580	52.266	ug/l	93
82) 4-Chlorotoluene	11.451	91	456751	43.619	ug/l	97
83) tert-Butylbenzene	11.713	119	433612	42.570	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	472475	44.464	ug/l	99
85) sec-Butylbenzene	11.890	105	512060	40.227	ug/l	99
86) p-Isopropyltoluene	12.006	119	443612	41.678	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251061	46.826	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	252223	45.666	ug/l	99
89) n-Butylbenzene	12.335	91	368073	39.343	ug/l	99
90) Hexachloroethane	12.536	117	70659	45.888	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	250209	47.247	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41463	48.675	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	143965	46.234	ug/l	99
94) Hexachlorobutadiene	13.725	225	47727	38.227	ug/l	98
95) Naphthalene	13.774	128	526195	48.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143509	46.248	ug/l	99

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ClientSampleId :
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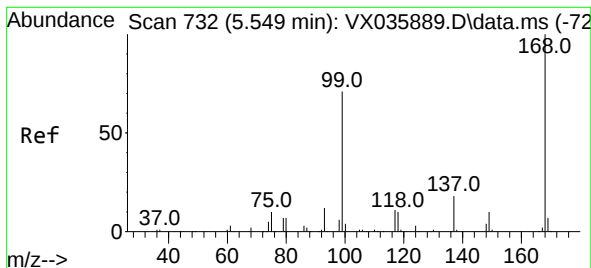
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed May 31 11:19:03 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 194069

Ion Ratio Lower Upper

168 100

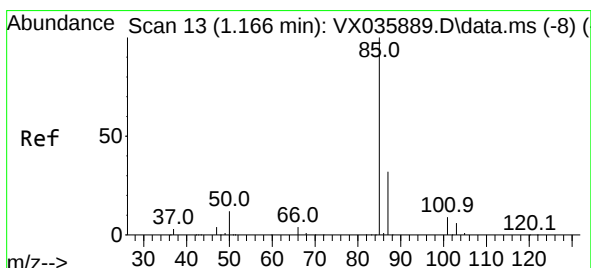
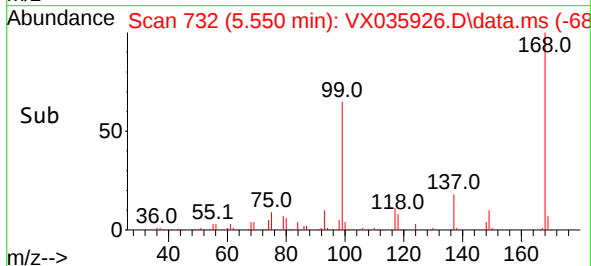
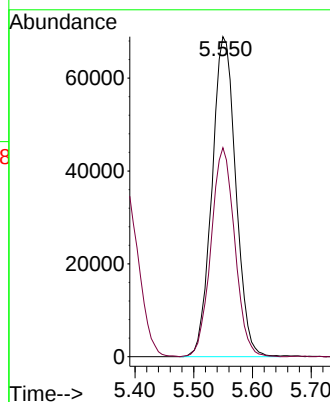
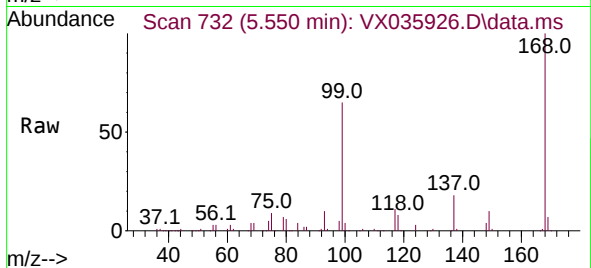
99 65.3 57.0 85.6

Manual Integrations

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Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#2

Dichlorodifluoromethane

Concen: 37.260 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX035926.D

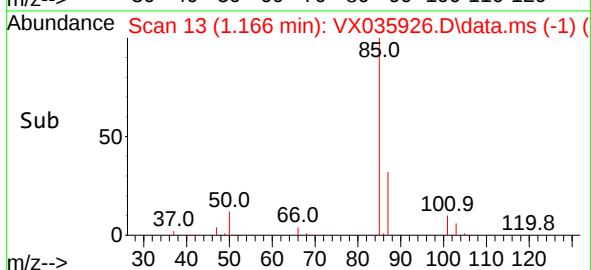
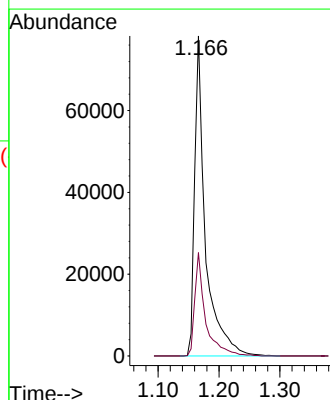
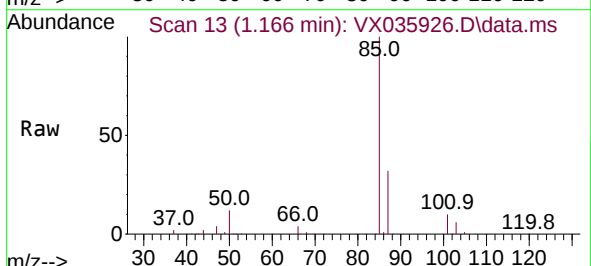
Acq: 31 May 2023 11:13

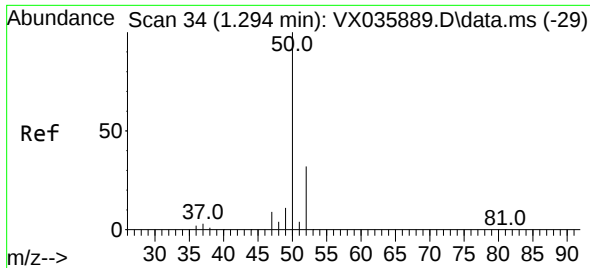
Tgt Ion: 85 Resp: 96164

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4





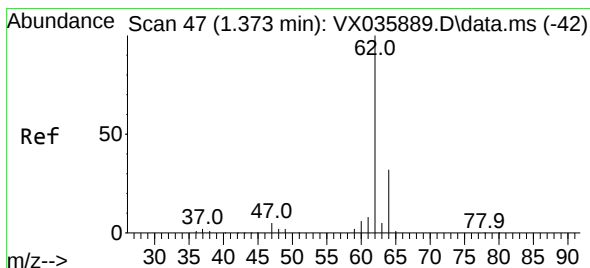
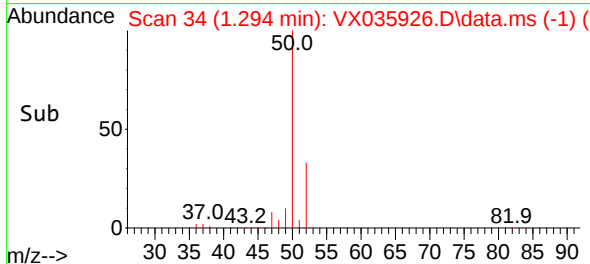
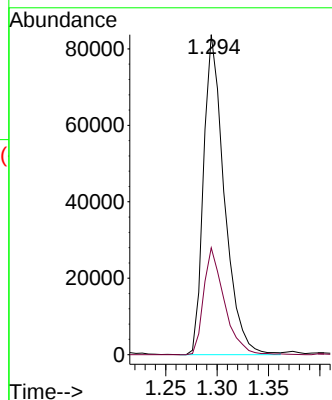
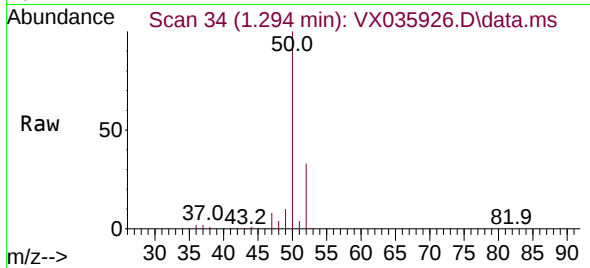
#3
Chloromethane
Concen: 44.367 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 11806
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

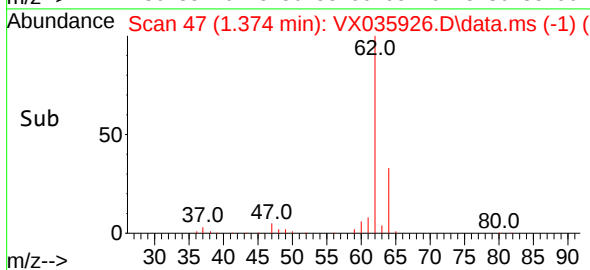
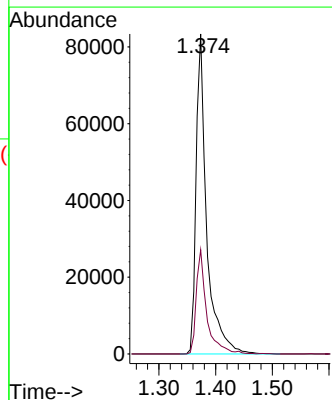
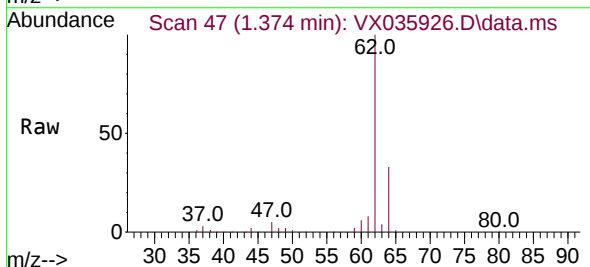
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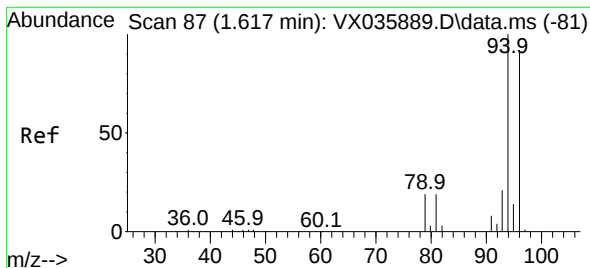
Reviewed By :John Carlone 06/01/2023
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#4
Vinyl Chloride
Concen: 42.333 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

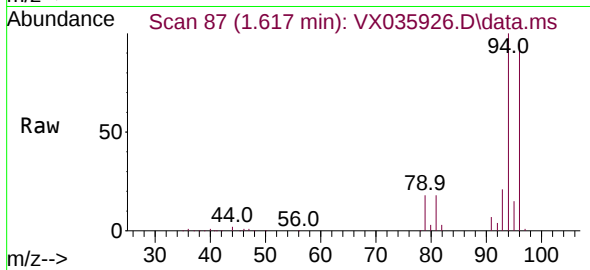
Tgt Ion: 62 Resp: 108211
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5
 Bromomethane
 Concen: 47.788 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX035926.D
 Acq: 31 May 2023 11:13

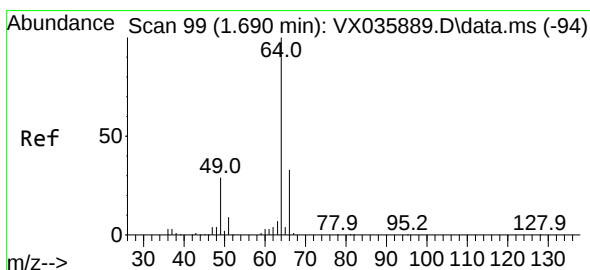
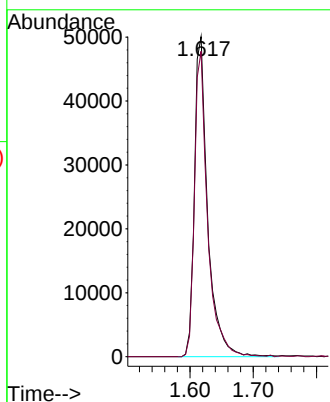
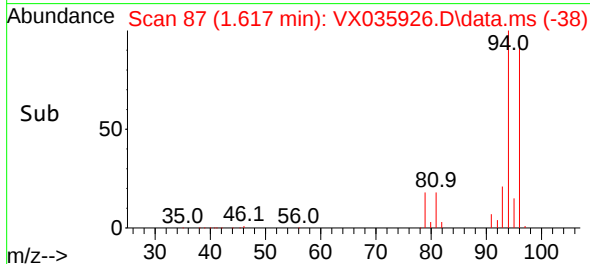
Instrument :
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Tgt Ion: 94 Resp: 73204
 Ion Ratio Lower Upper
 94 100
 96 95.4 73.5 110.3

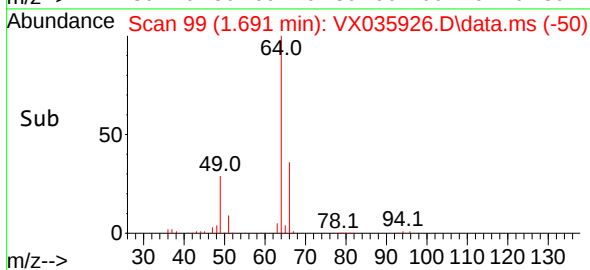
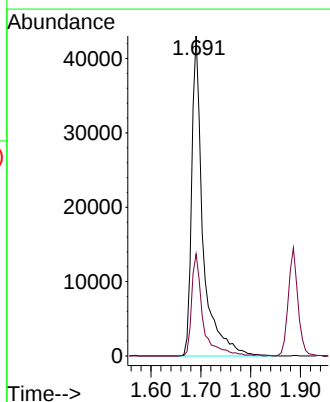
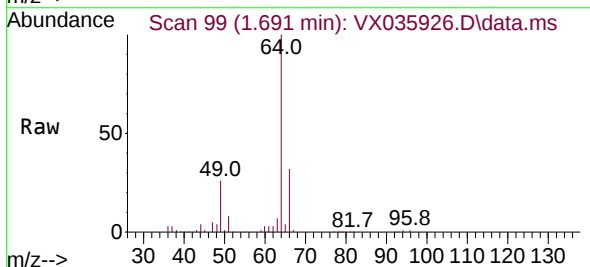
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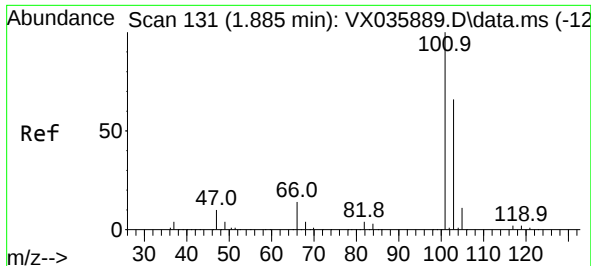
Reviewed By :John Carlone 06/01/2023
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#6
 Chloroethane
 Concen: 47.661 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX035926.D
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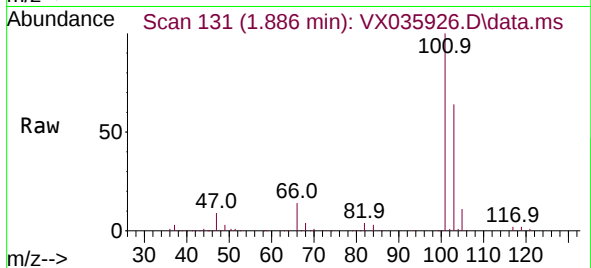
Tgt Ion: 64 Resp: 68072
 Ion Ratio Lower Upper
 64 100
 66 31.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 38.213 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

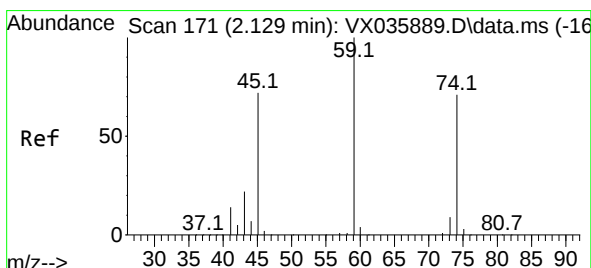
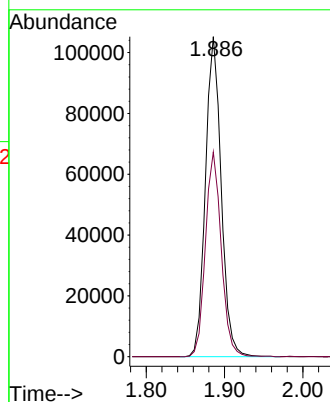
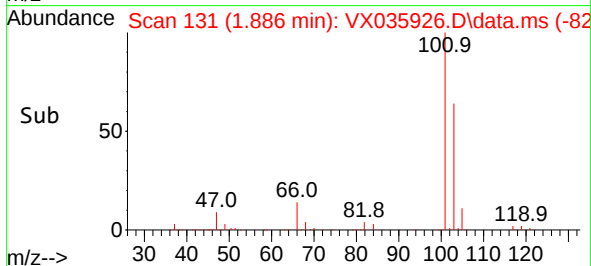
Instrument :
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VSTDICCC050



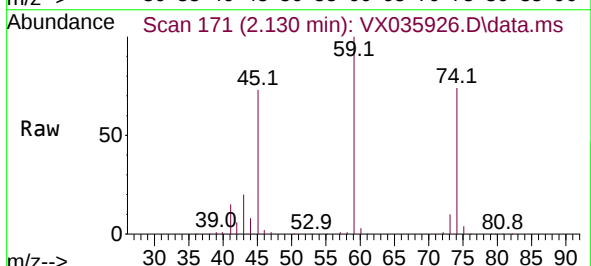
Tgt Ion:101 Resp: 146584
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

Manual Integrations
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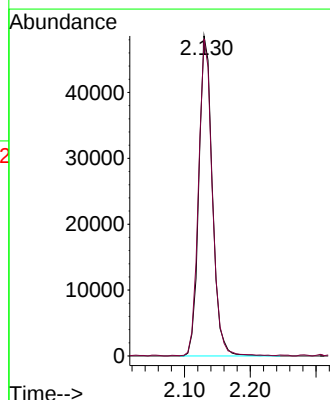
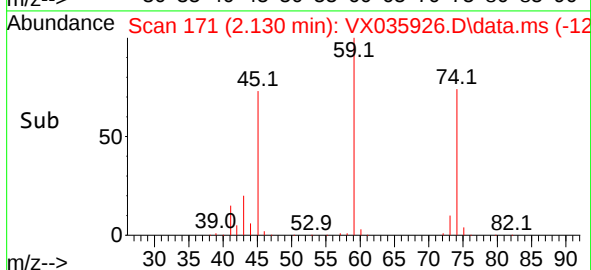
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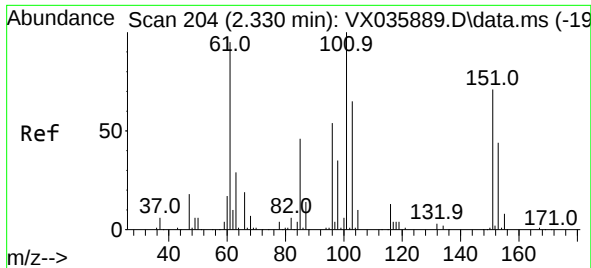


#8
Diethyl Ether
Concen: 49.085 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion: 74 Resp: 69144
Ion Ratio Lower Upper
74 100
45 101.2 50.6 151.9





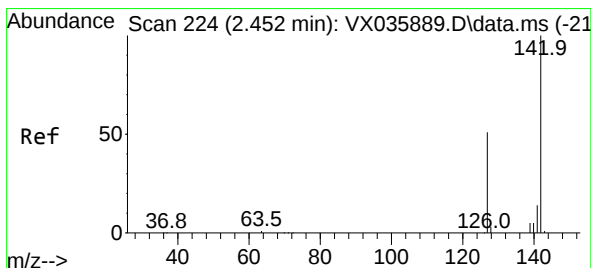
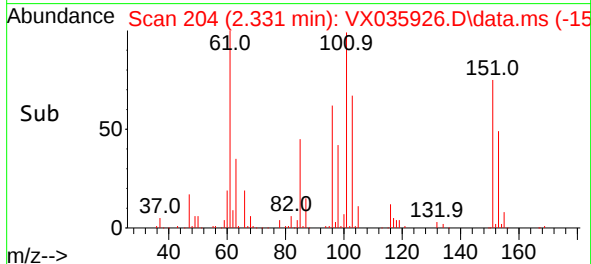
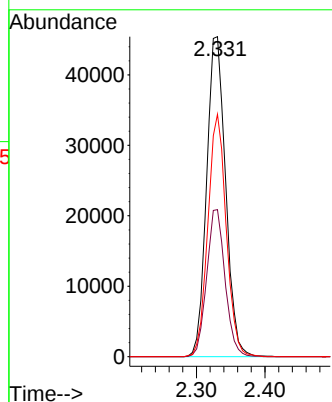
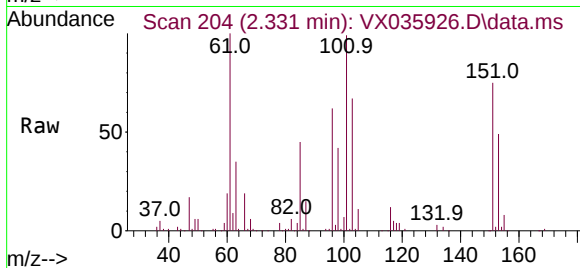
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.430 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 8737
Ion Ratio Lower Upper
101 100
85 44.7 37.3 55.9
151 73.2 57.0 85.6

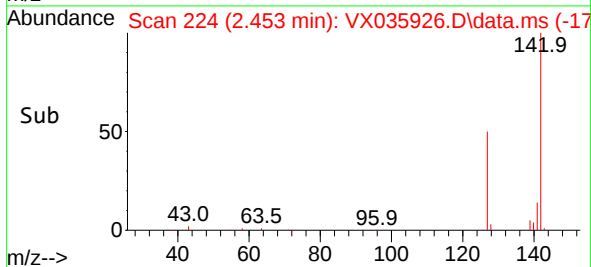
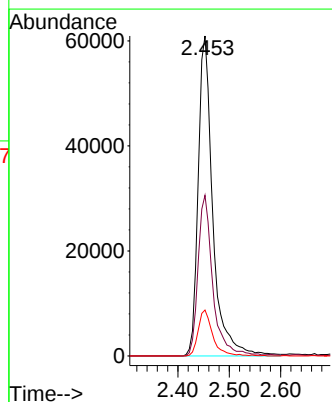
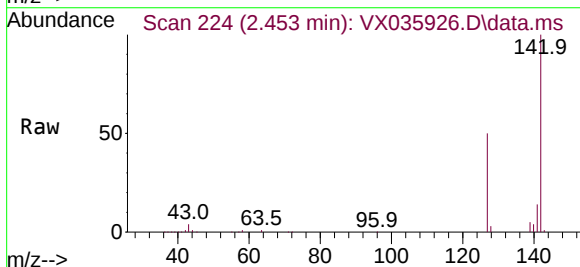
Manual Integrations
APPROVED

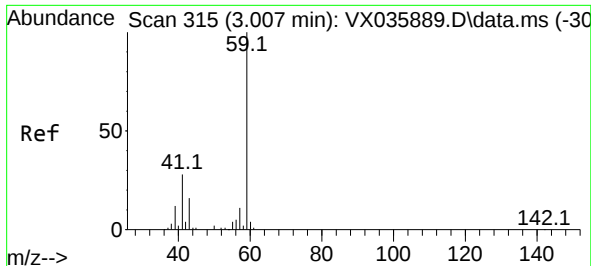
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#10
Methyl Iodide
Concen: 52.374 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

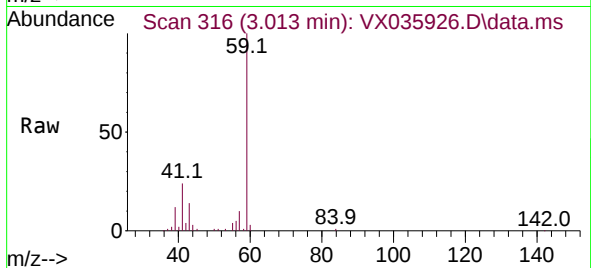
Tgt Ion:142 Resp: 120797
Ion Ratio Lower Upper
142 100
127 50.6 40.3 60.5
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 233.516 ug/l m
RT: 3.013 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

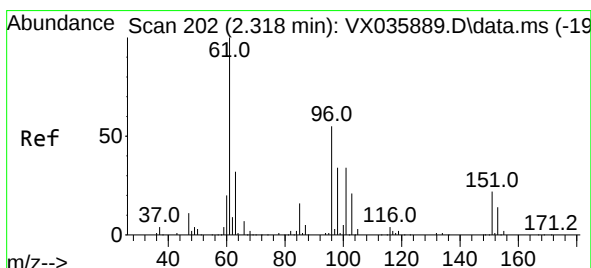
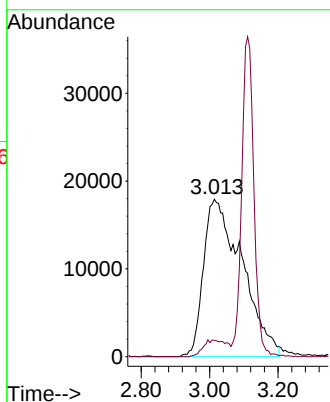
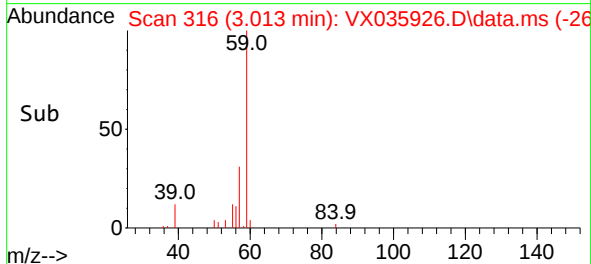
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 14024
Ion Ratio Lower Upper
59 100
57 6.5 6.0 9.0

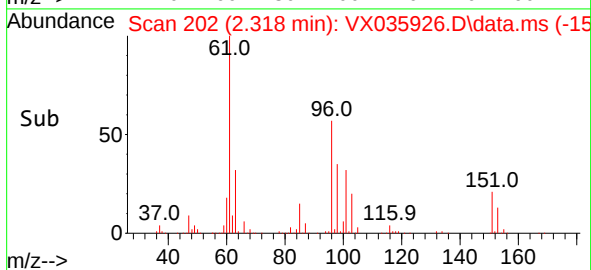
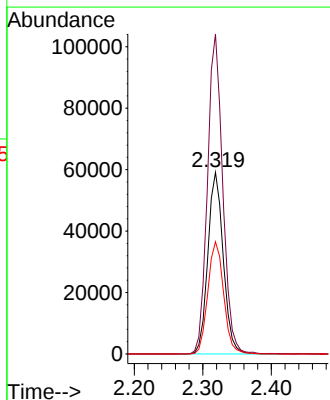
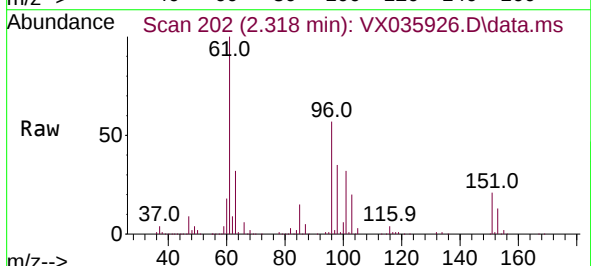
Manual Integrations
APPROVED

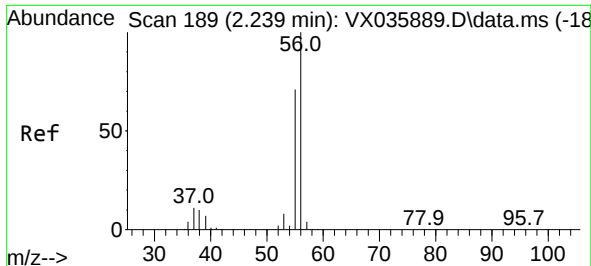
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#12
1,1-Dichloroethene
Concen: 43.329 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

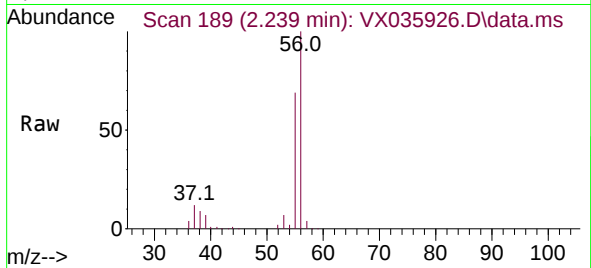
Tgt Ion: 96 Resp: 92337
Ion Ratio Lower Upper
96 100
61 176.2 145.2 217.8
98 61.8 49.3 73.9





#13
Acrolein
Concen: 222.448 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

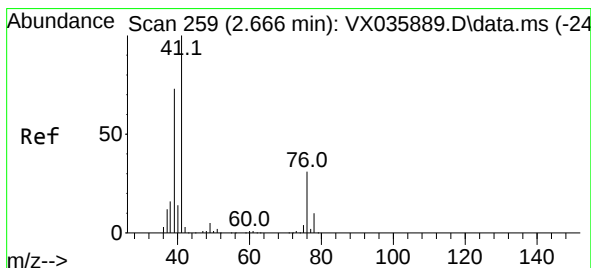
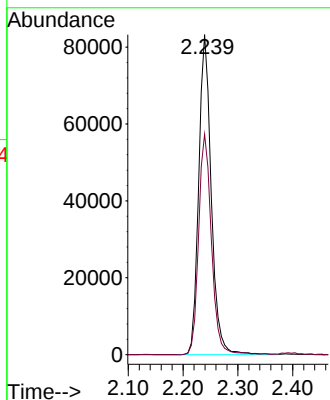
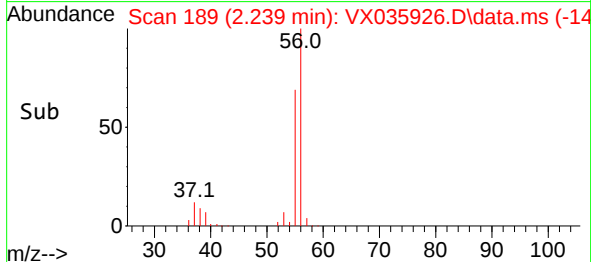
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 13248
Ion Ratio Lower Upper
56 100
55 70.7 57.3 85.9

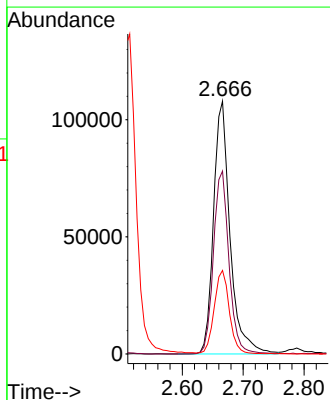
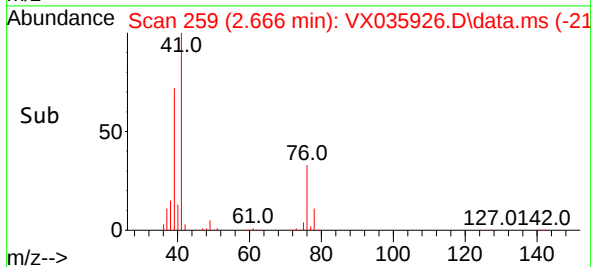
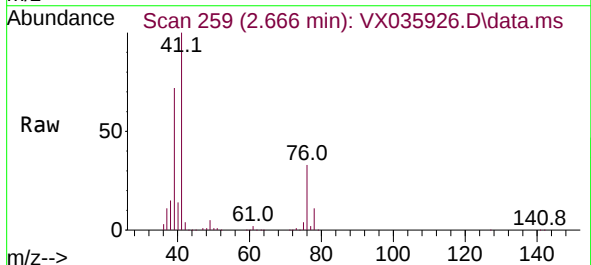
Manual Integrations
APPROVED

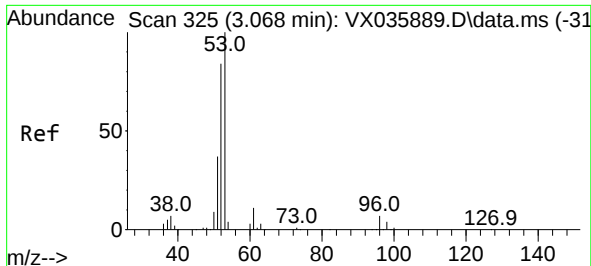
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 48.317 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

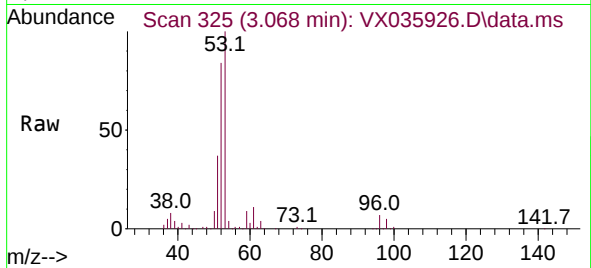
Tgt Ion: 41 Resp: 203418
Ion Ratio Lower Upper
41 100
39 68.2 56.9 85.3
76 30.2 24.1 36.1





#15
Acrylonitrile
Concen: 237.492 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

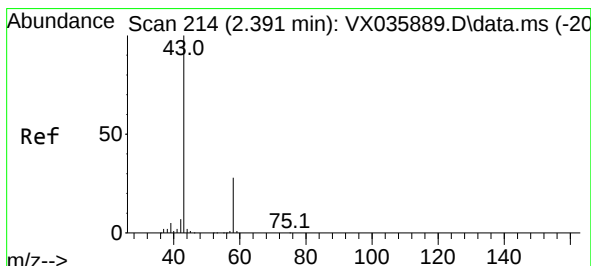
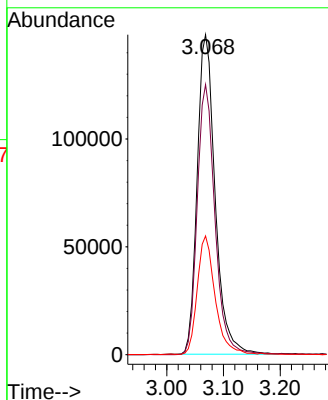
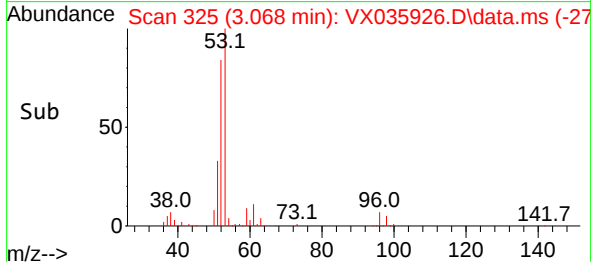
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



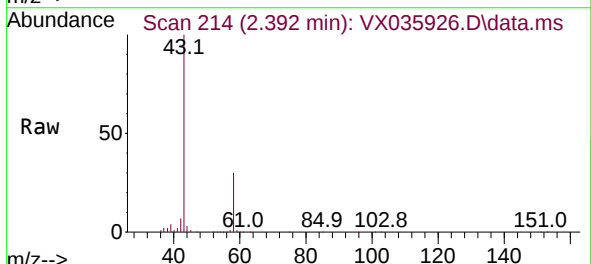
Tgt Ion: 53 Resp: 32625
Ion Ratio Lower Upper
53 100
52 83.7 67.0 100.4
51 36.6 29.8 44.8

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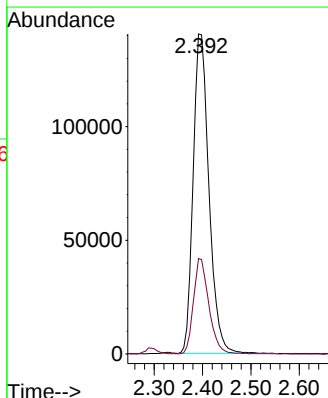
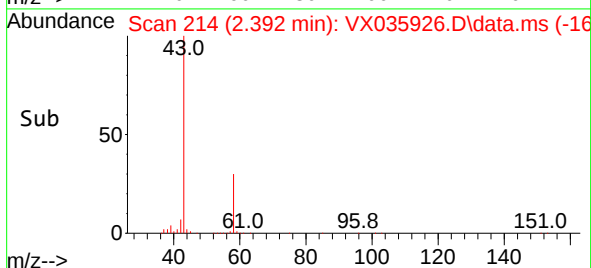
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

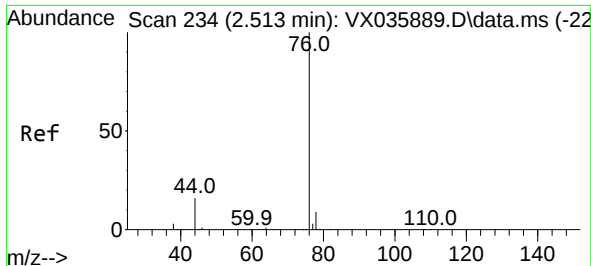


#16
Acetone
Concen: 229.084 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



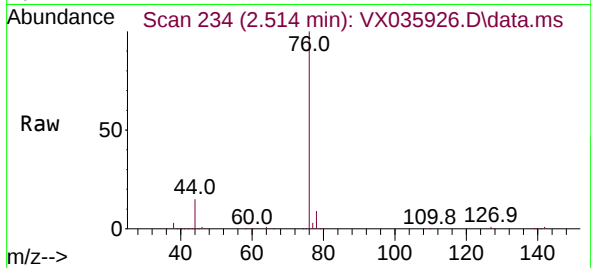
Tgt Ion: 43 Resp: 318956
Ion Ratio Lower Upper
43 100
58 29.8 22.2 33.2





#17
Carbon Disulfide
Concen: 46.863 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

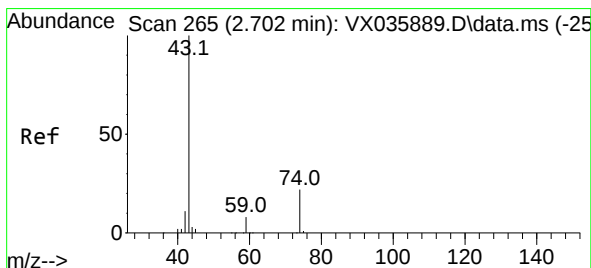
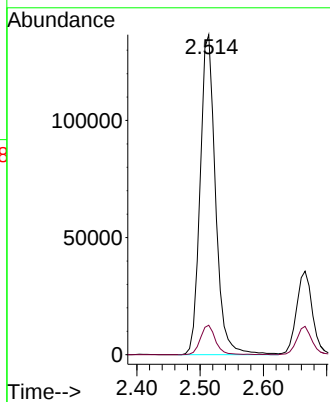
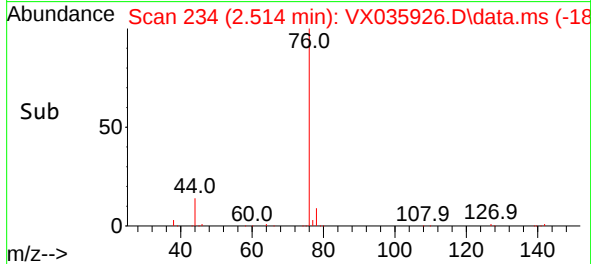
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



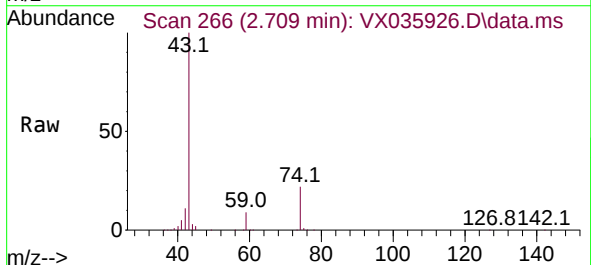
Tgt Ion: 76 Resp: 231320
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

Manual Integrations
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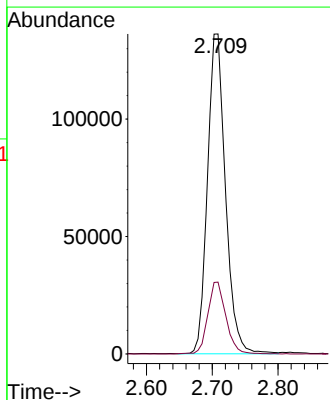
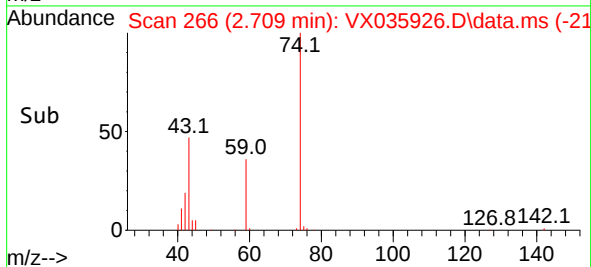
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

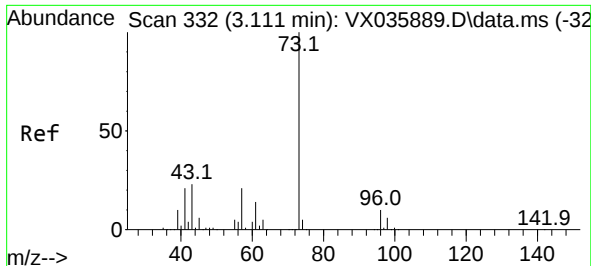


#18
Methyl Acetate
Concen: 48.250 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion: 43 Resp: 259389
Ion Ratio Lower Upper
43 100
74 22.7 17.7 26.5





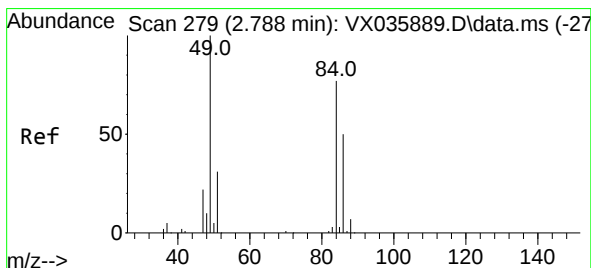
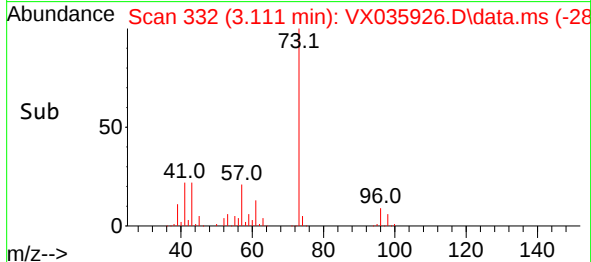
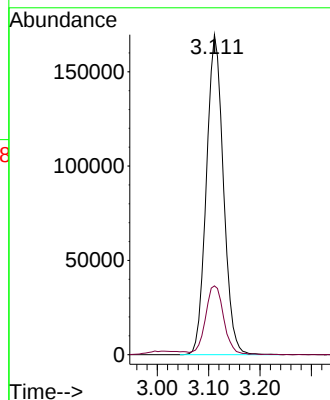
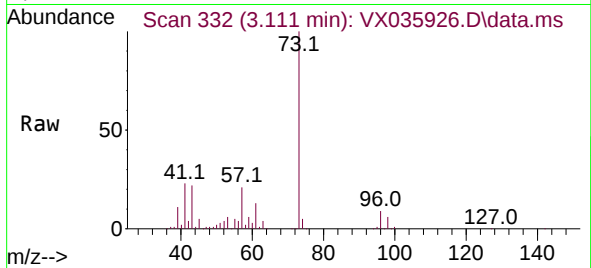
#19
Methyl tert-butyl Ether
Concen: 47.444 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 389824
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

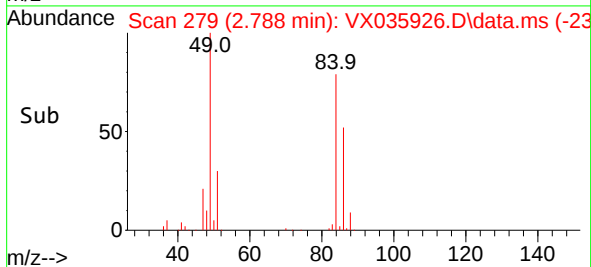
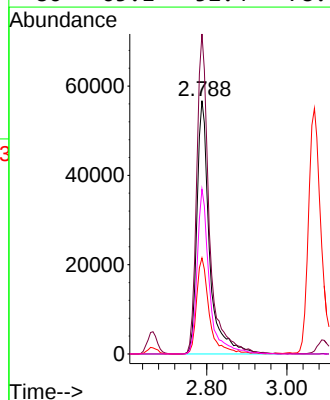
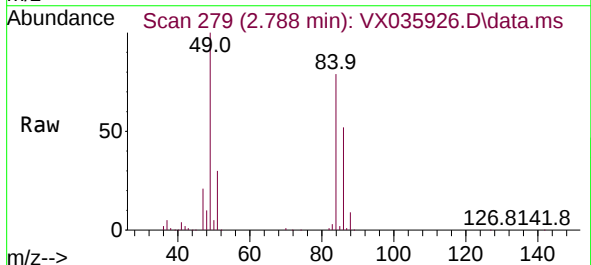
Manual Integrations
APPROVED

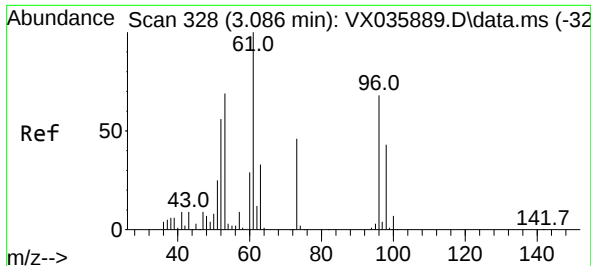
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 38.489 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion: 84 Resp: 123468
Ion Ratio Lower Upper
84 100
49 126.4 104.6 156.8
51 37.9 32.2 48.4
86 65.1 52.4 78.6





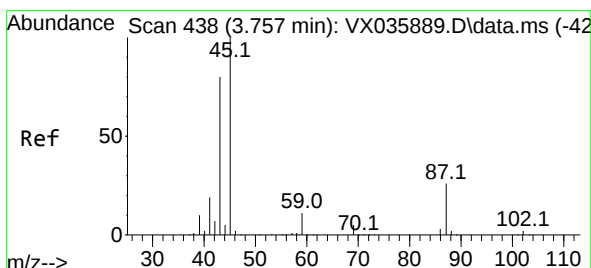
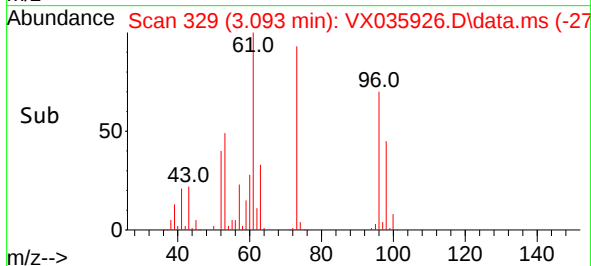
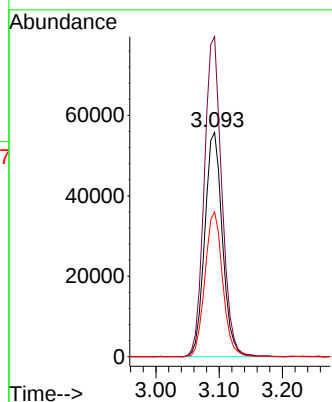
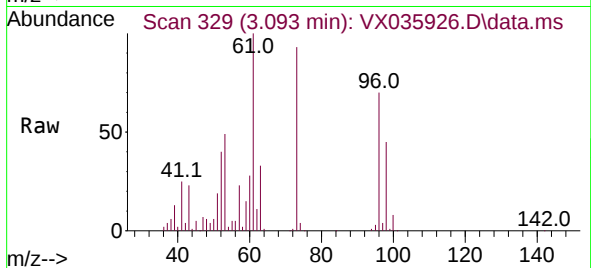
#21
trans-1,2-Dichloroethene
Concen: 46.110 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 108329
Ion Ratio Lower Upper
96 100
61 142.6 118.2 177.4
98 64.5 50.6 75.8

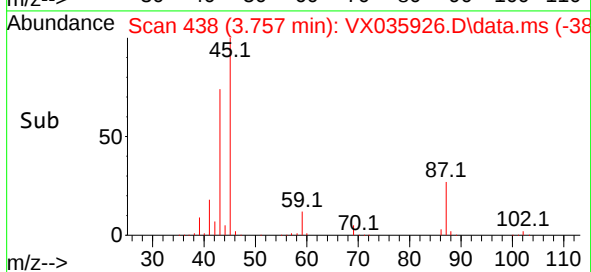
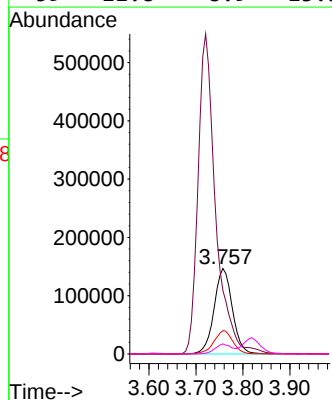
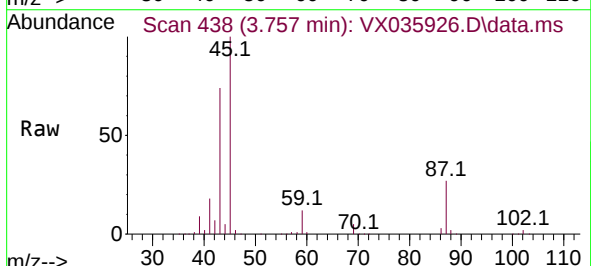
Manual Integrations
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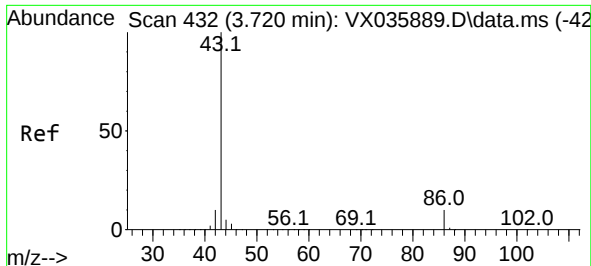
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#22
Diisopropyl ether
Concen: 46.871 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

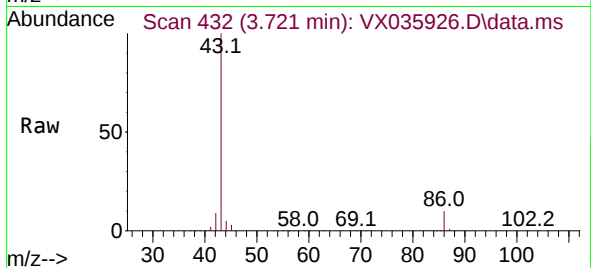
Tgt Ion: 45 Resp: 396249
Ion Ratio Lower Upper
45 100
43 74.1 63.8 95.6
87 27.2 20.6 31.0
59 11.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 243.455 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035926.D
 Acq: 31 May 2023 11:13

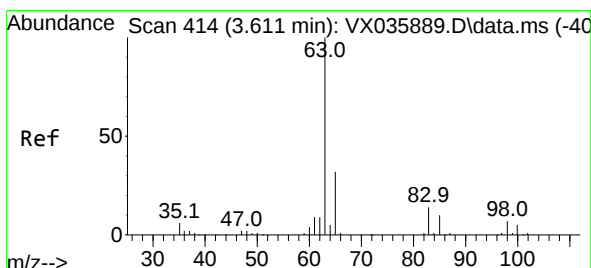
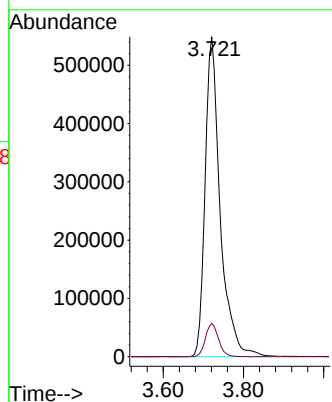
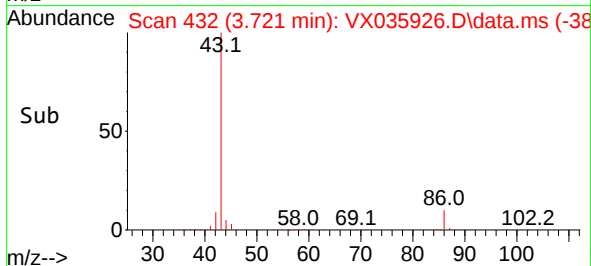
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



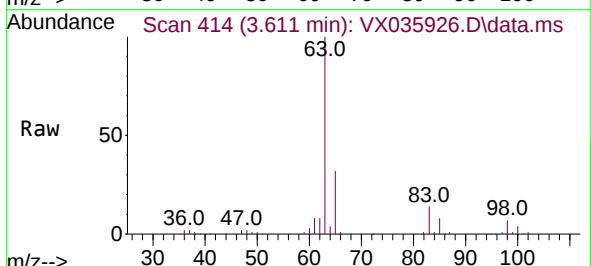
Tgt Ion: 43 Resp: 143374
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.6

Manual Integrations
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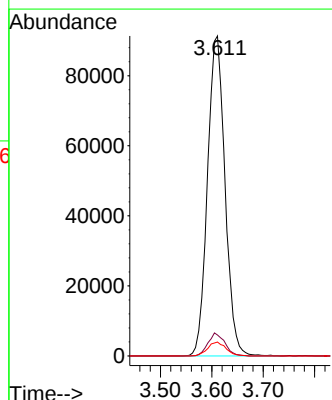
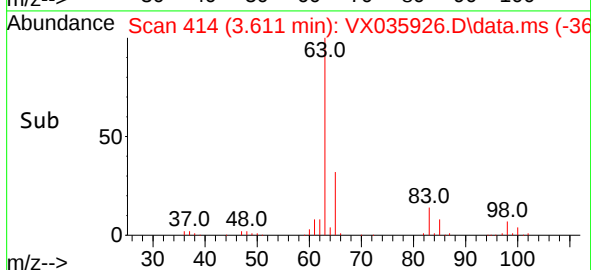
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

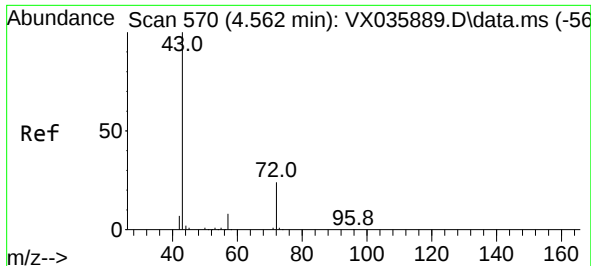


#24
 1,1-Dichloroethane
 Concen: 46.362 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035926.D
 Acq: 31 May 2023 11:13



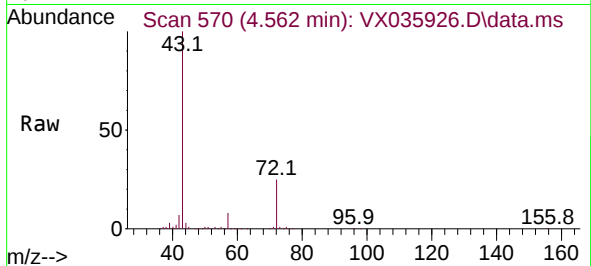
Tgt Ion: 63 Resp: 216300
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 233.709 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

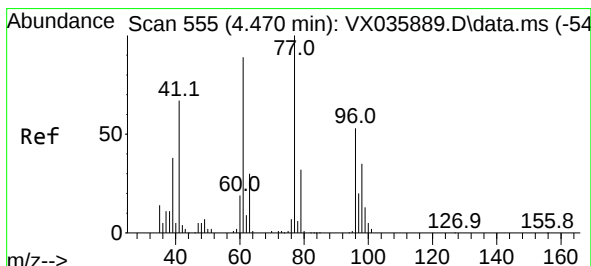
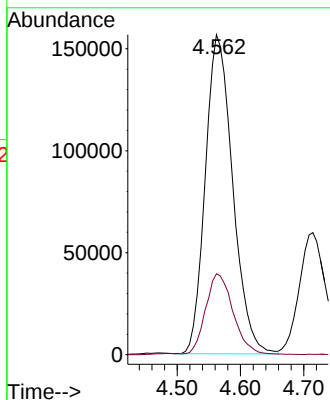
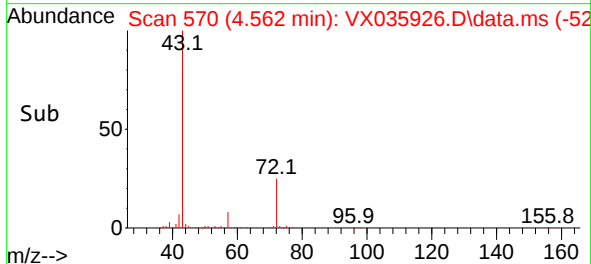
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 470670
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

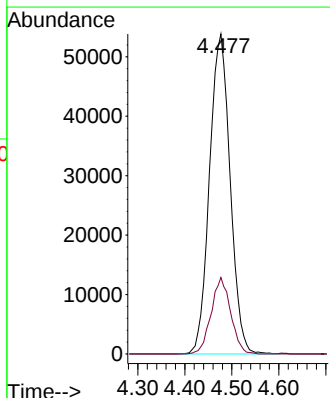
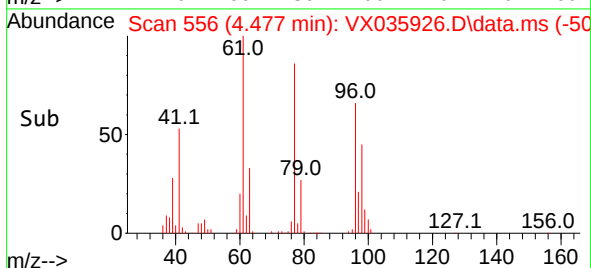
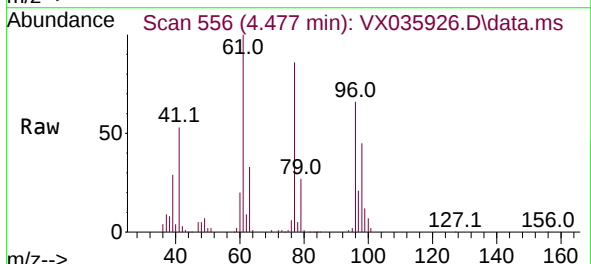
Manual Integrations
APPROVED

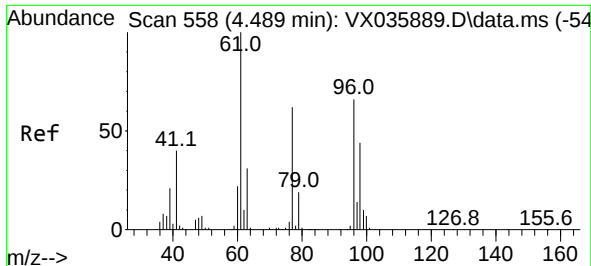
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#26
2,2-Dichloropropane
Concen: 45.667 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion: 77 Resp: 164299
Ion Ratio Lower Upper
77 100
97 22.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 49.038 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 134000

Ion Ratio Lower Upper

96 100

61 147.2 0.0 312.6

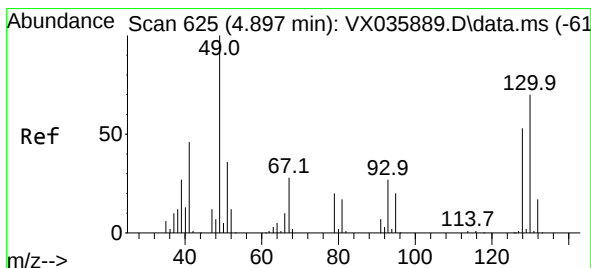
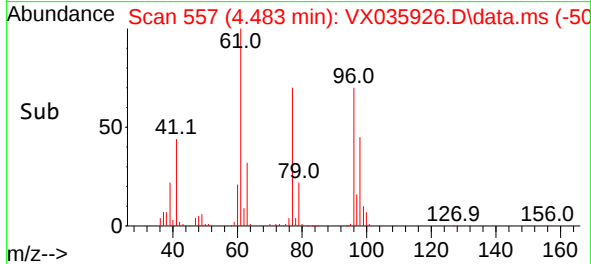
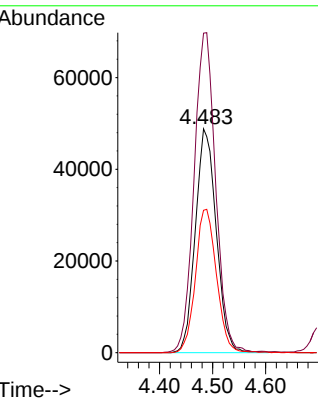
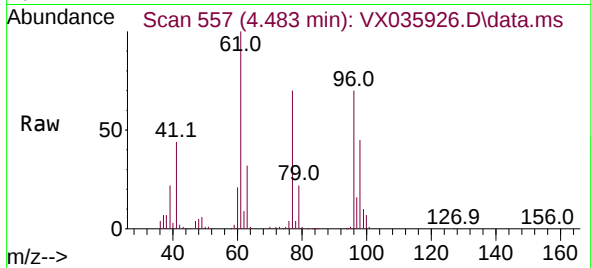
98 64.3 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#28

Bromochloromethane

Concen: 53.210 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

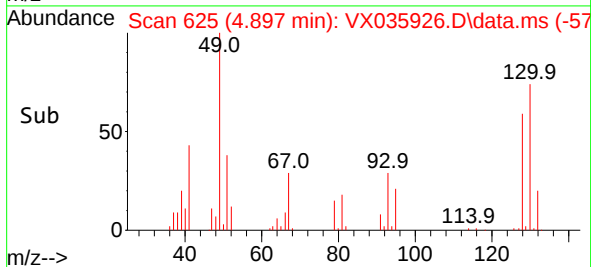
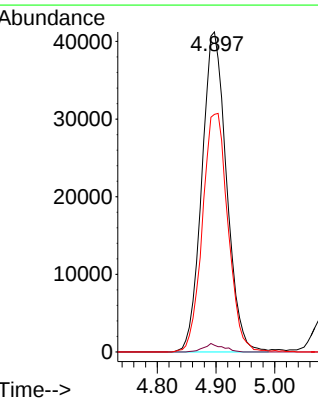
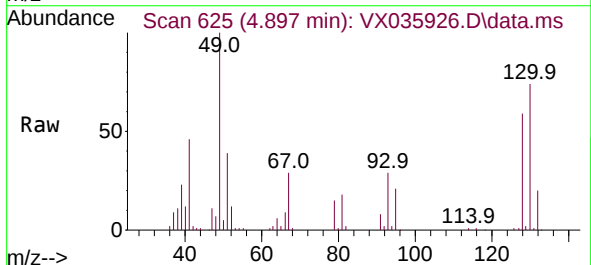
Tgt Ion: 49 Resp: 120299

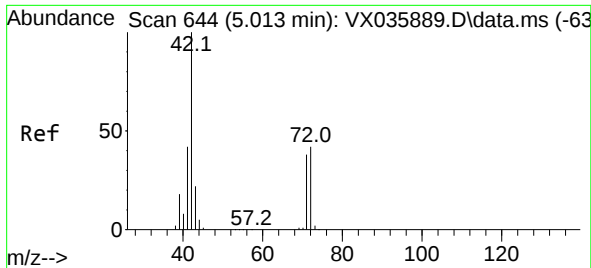
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 76.9 55.8 83.8





#29

Tetrahydrofuran

Concen: 233.605 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 304379

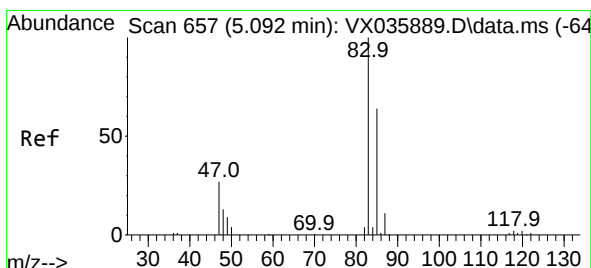
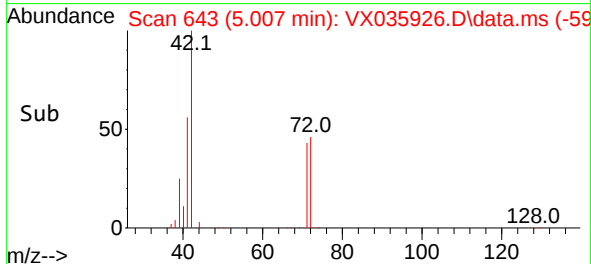
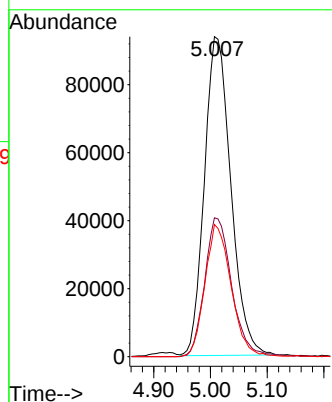
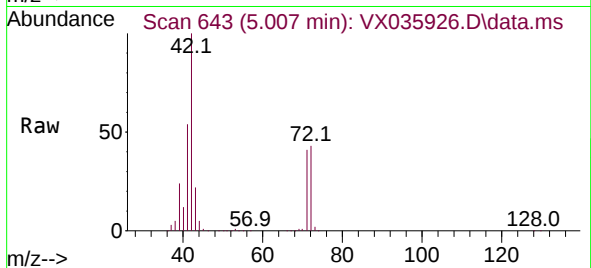
Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.2
71	41.0	31.8	47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#30

Chloroform

Concen: 46.729 ug/l

RT: 5.092 min Scan# 657

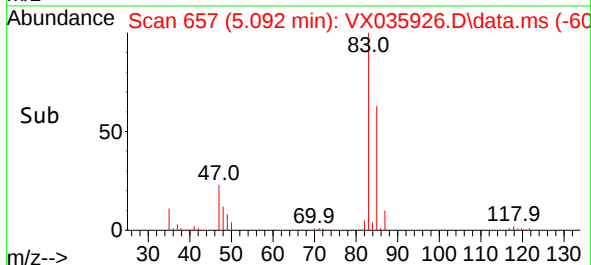
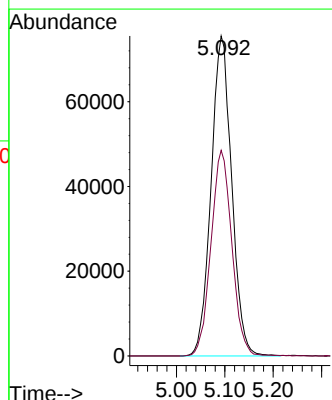
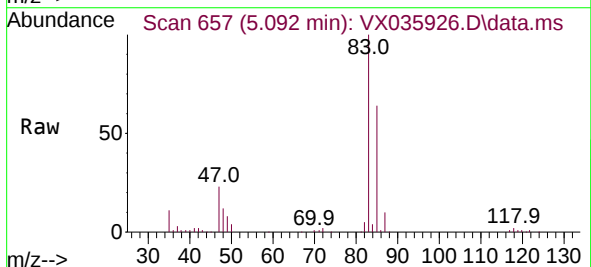
Delta R.T. 0.000 min

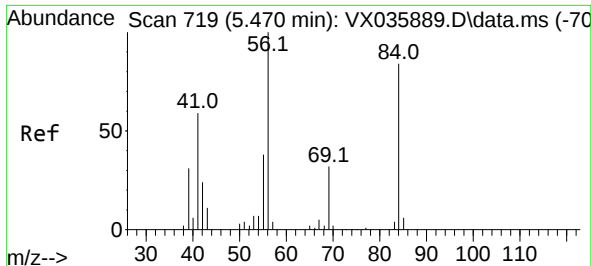
Lab File: VX035926.D

Acq: 31 May 2023 11:13

Tgt Ion: 83 Resp: 223659

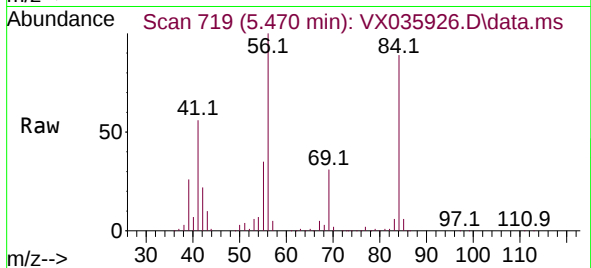
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.4





#31
Cyclohexane
Concen: 36.675 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

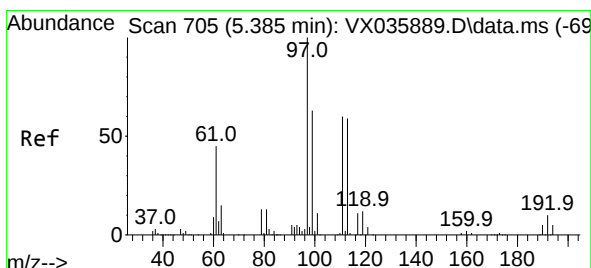
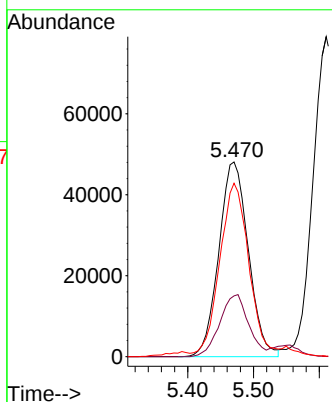
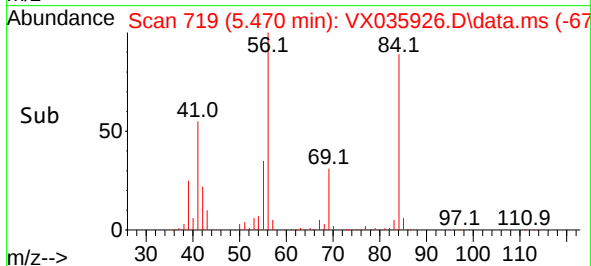
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 150229
Ion Ratio Lower Upper
56 100
69 31.2 25.9 38.9
84 87.3 67.6 101.4

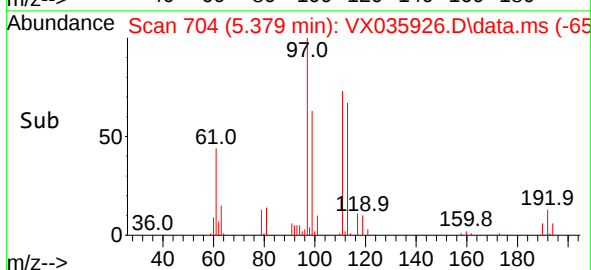
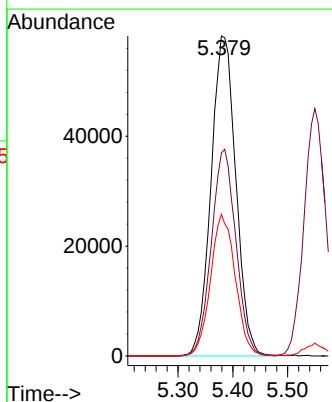
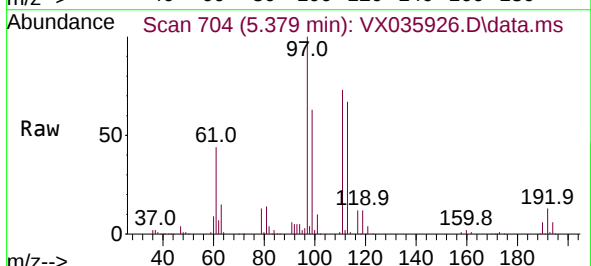
Manual Integrations
APPROVED

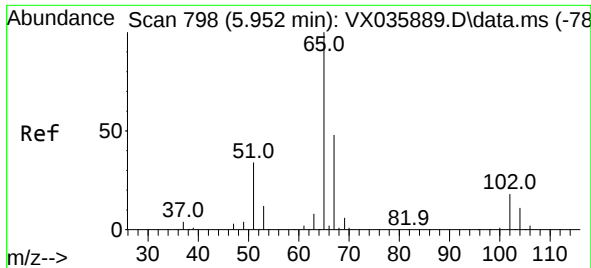
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#32
1,1,1-Trichloroethane
Concen: 44.332 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion: 97 Resp: 183342
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.1 36.9 55.3





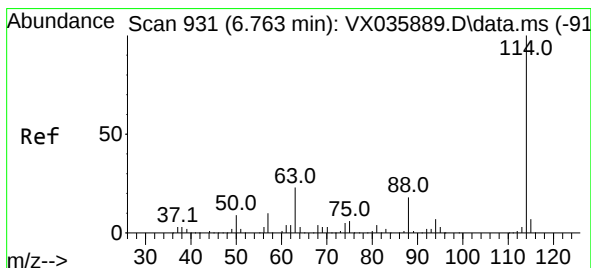
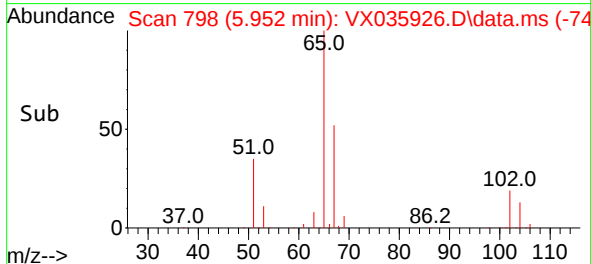
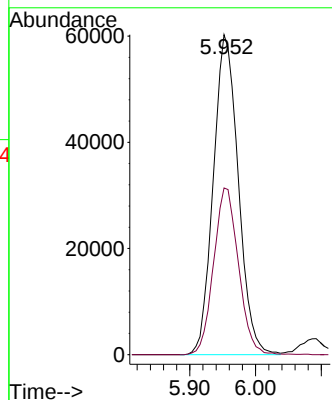
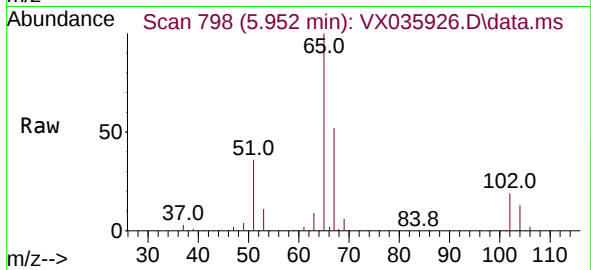
#33
1,2-Dichloroethane-d4
Concen: 46.253 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 159510
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.6

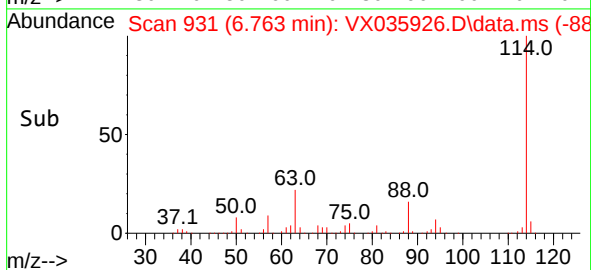
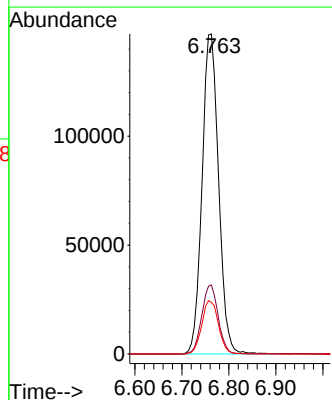
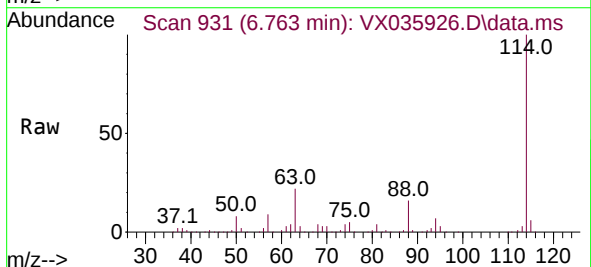
Manual Integrations
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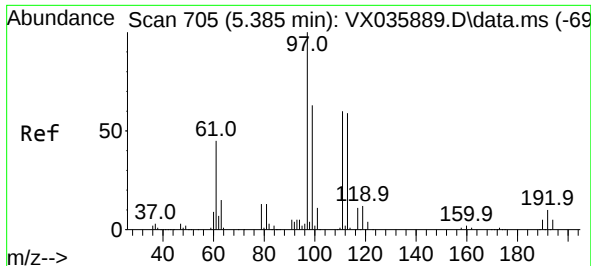
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion:114 Resp: 358760
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.0
88 16.1 0.0 35.2





#35

Dibromofluoromethane

Concen: 49.175 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 12118

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

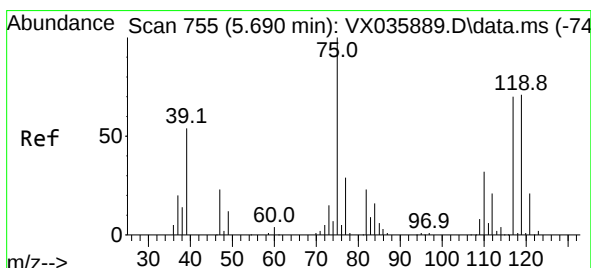
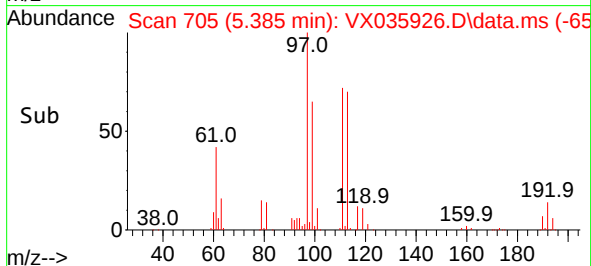
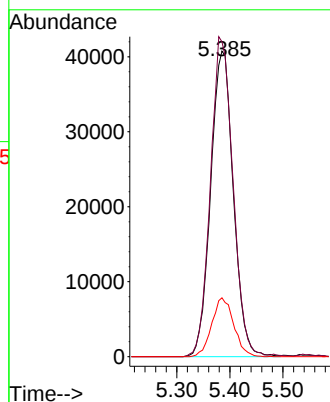
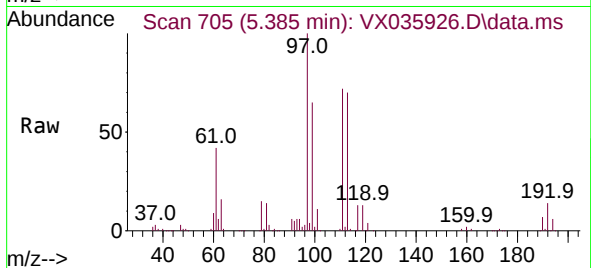
192 18.7 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#36

1,1-Dichloropropene

Concen: 39.210 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

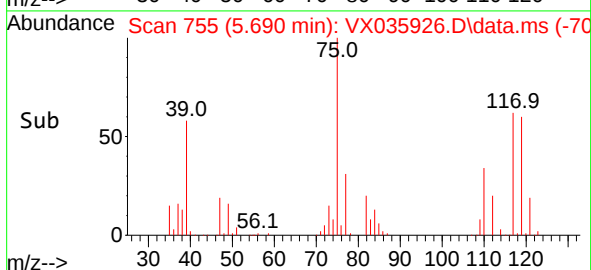
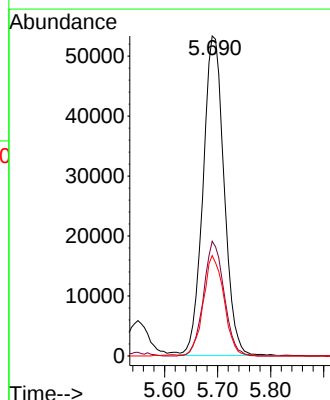
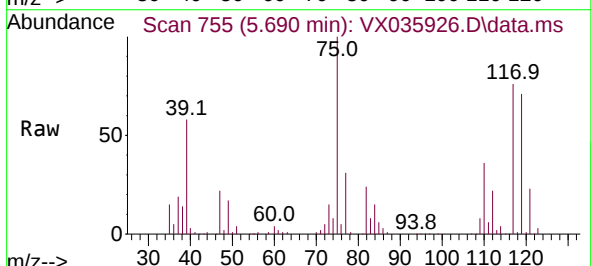
Tgt Ion: 75 Resp: 146724

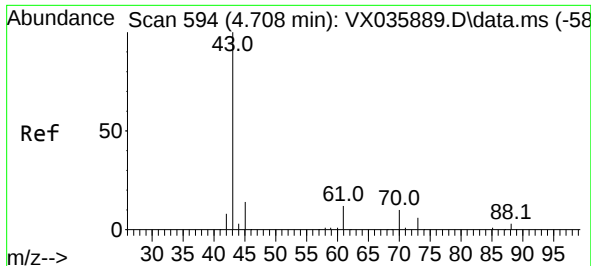
Ion Ratio Lower Upper

75 100

110 35.0 16.6 49.7

77 30.9 24.4 36.6





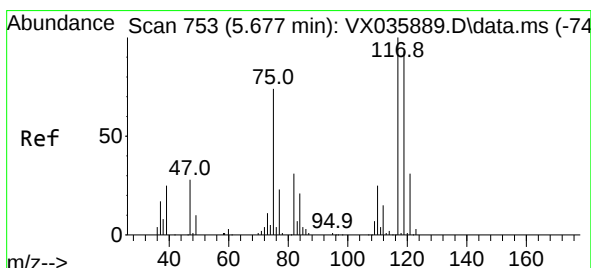
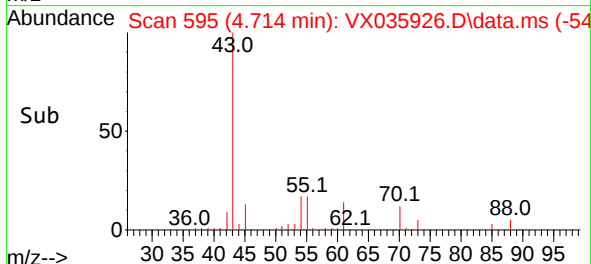
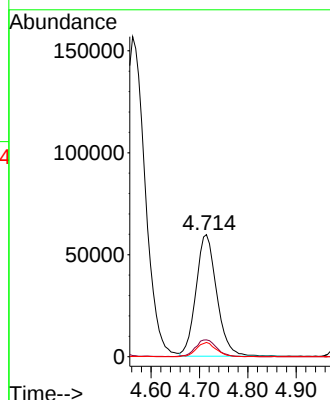
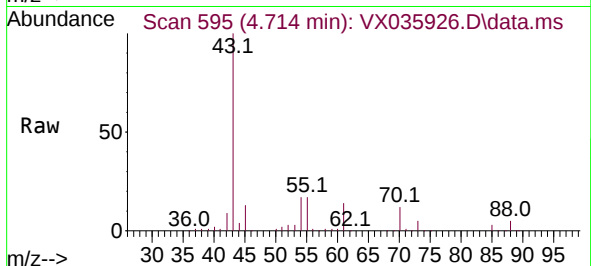
#37
Ethyl Acetate
Concen: 43.915 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 17788
Ion Ratio Lower Upper
43 100
61 14.3 10.3 15.5
70 11.1 8.3 12.5

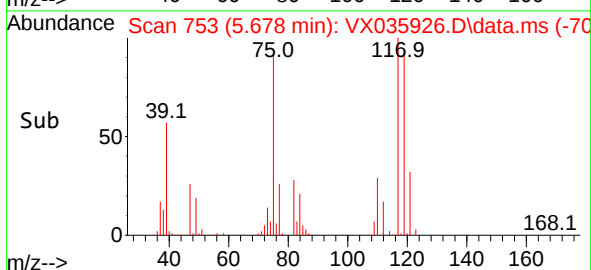
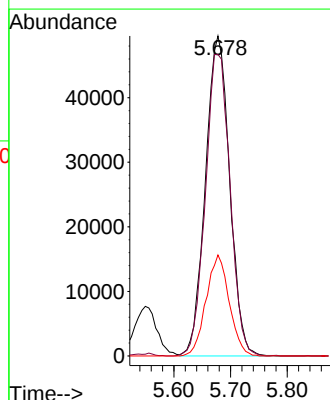
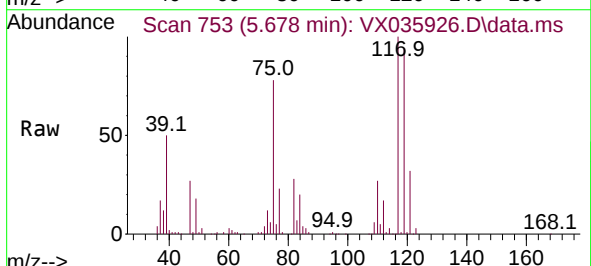
Manual Integrations
APPROVED

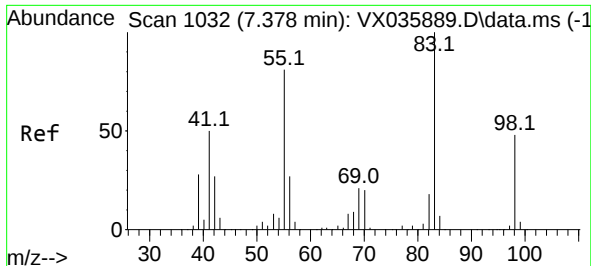
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#38
Carbon Tetrachloride
Concen: 41.768 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion:117 Resp: 147312
Ion Ratio Lower Upper
117 100
119 94.3 74.1 111.1
121 31.6 25.0 37.4





#39

Methylcyclohexane

Concen: 33.535 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 14318

Ion Ratio Lower Upper

83 100

55 81.4 64.9 97.3

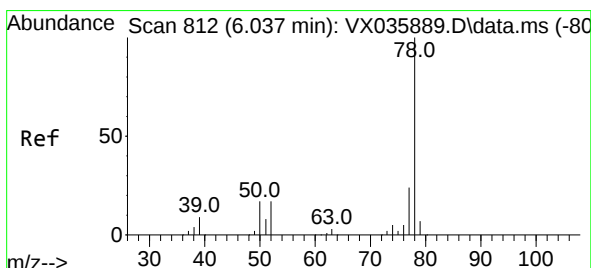
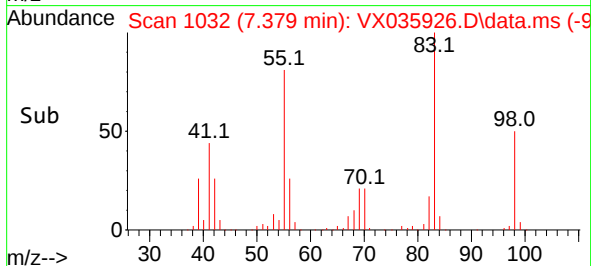
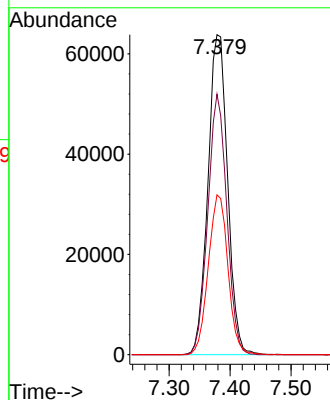
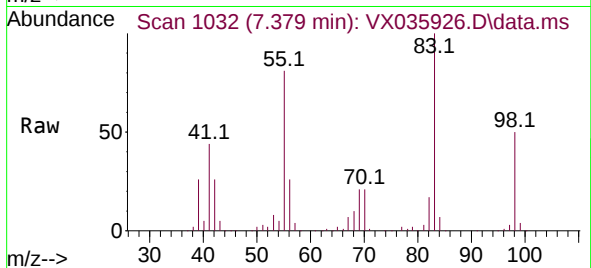
98 50.0 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#40

Benzene

Concen: 44.768 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035926.D

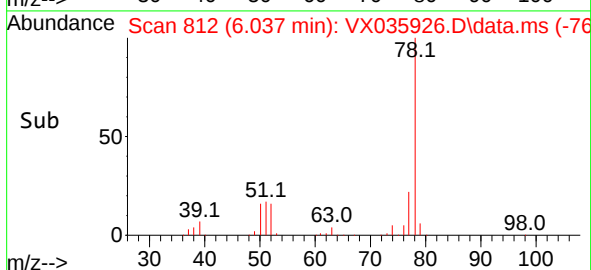
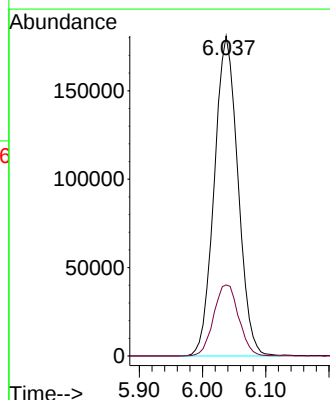
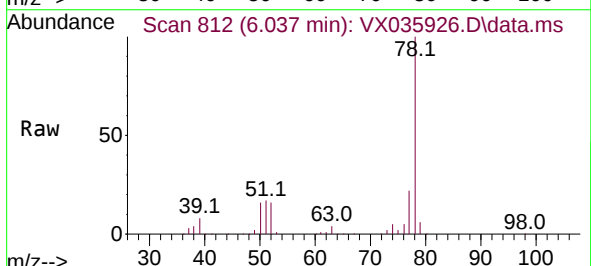
Acq: 31 May 2023 11:13

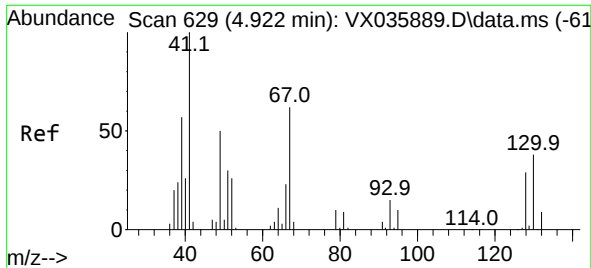
Tgt Ion: 78 Resp: 469214

Ion Ratio Lower Upper

78 100

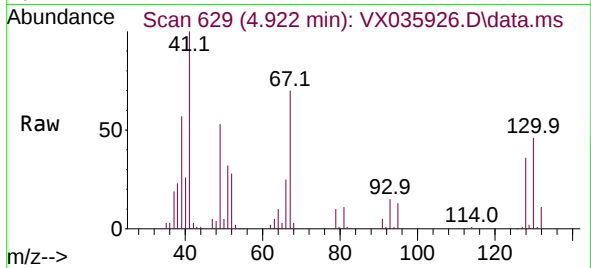
77 22.2 19.0 28.6





#41
Methacrylonitrile
Concen: 44.669 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

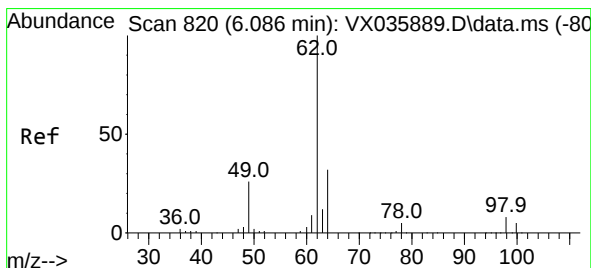
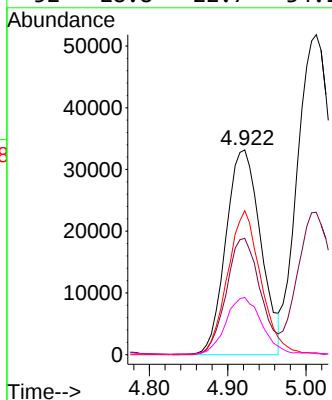
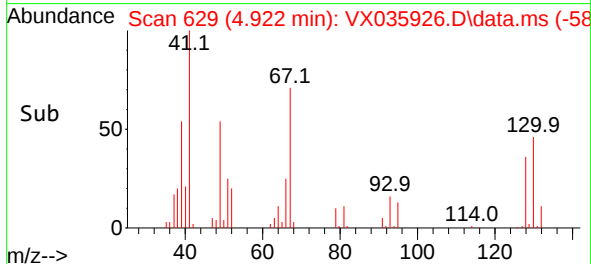
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 103000
Ion Ratio Lower Upper
41 100
39 55.1 45.6 68.4
67 67.3 51.8 77.6
52 28.8 22.7 34.1

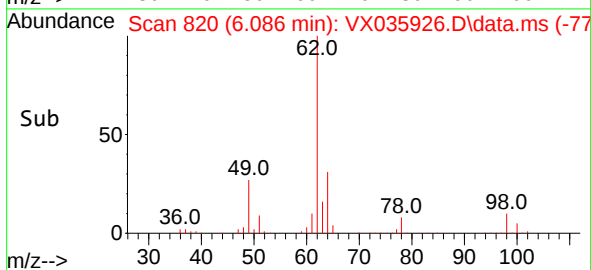
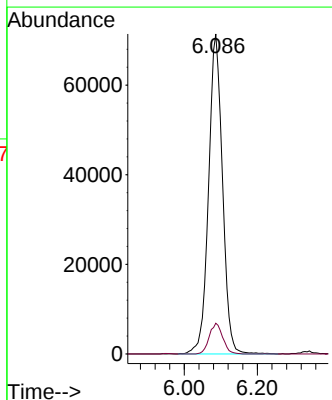
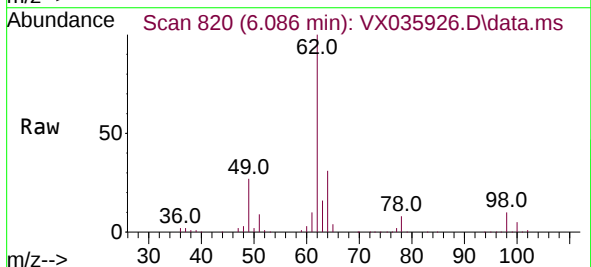
Manual Integrations
APPROVED

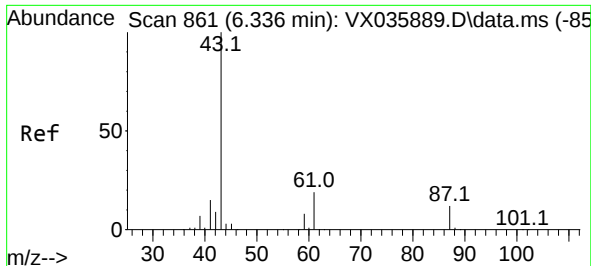
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#42
1,2-Dichloroethane
Concen: 42.480 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

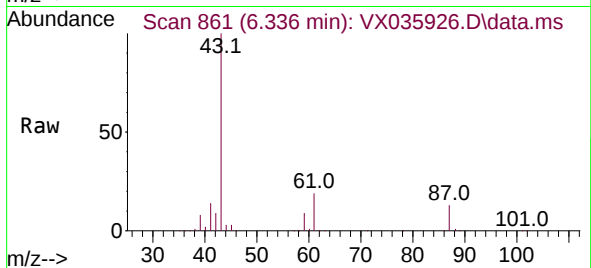
Tgt Ion: 62 Resp: 188058
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 44.772 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

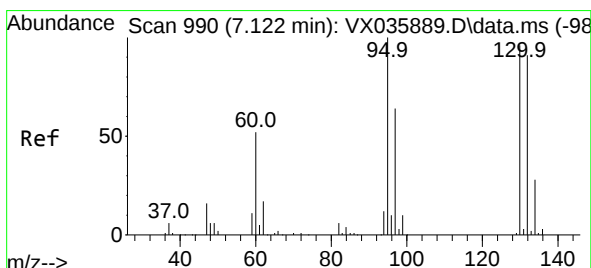
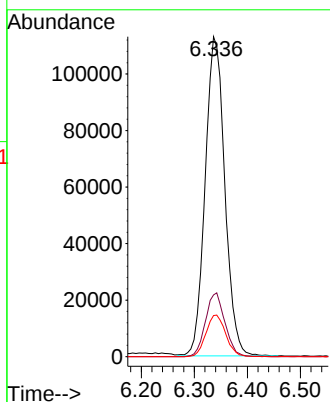
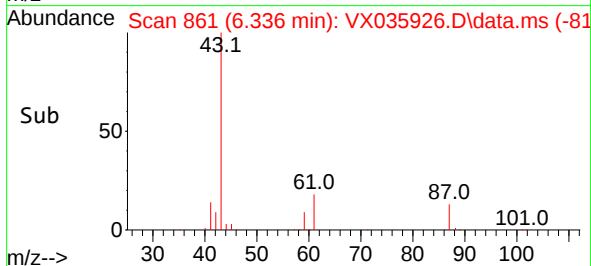
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 290620
Ion Ratio Lower Upper
43 100
61 19.8 15.0 22.4
87 13.2 9.9 14.9

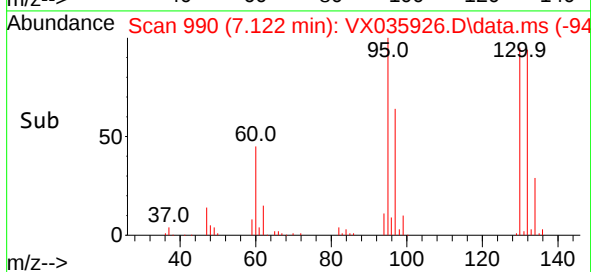
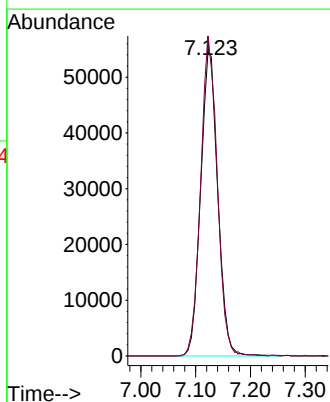
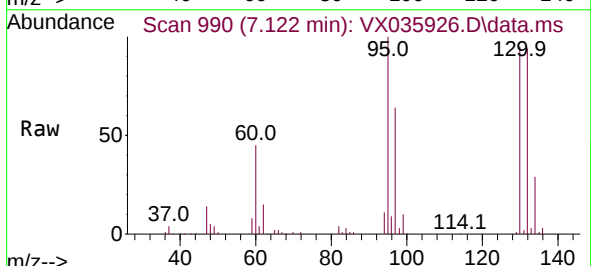
Manual Integrations
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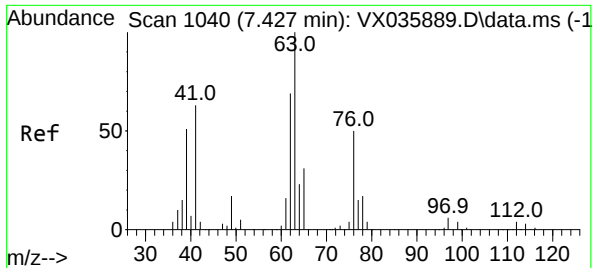
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#44
Trichloroethene
Concen: 45.407 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion:130 Resp: 118551
Ion Ratio Lower Upper
130 100
95 105.4 0.0 207.6





#45

1,2-Dichloropropane

Concen: 45.471 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 12567

Ion Ratio Lower Upper

63 100

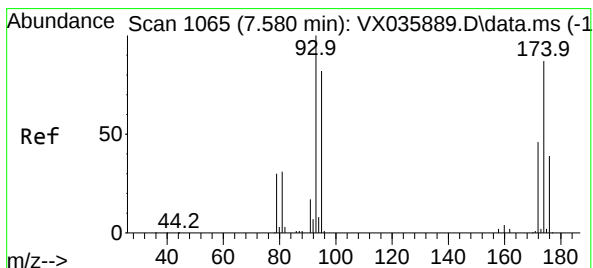
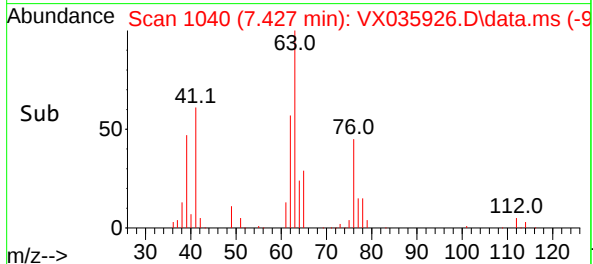
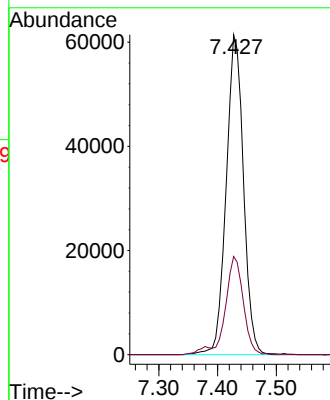
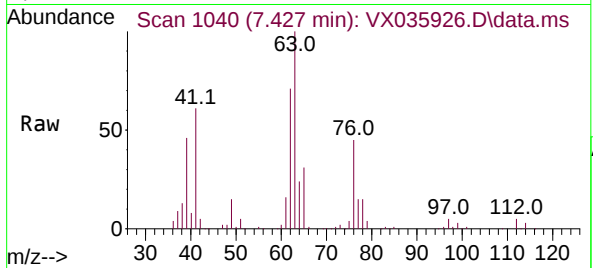
65 30.7 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#46

Dibromomethane

Concen: 46.348 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

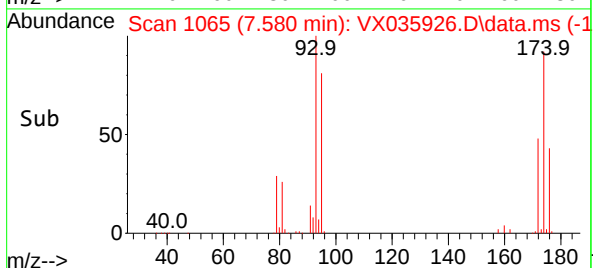
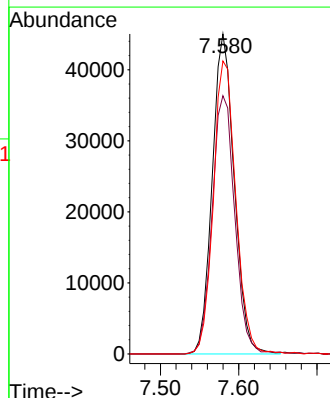
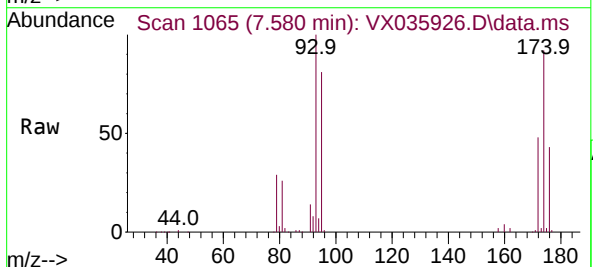
Tgt Ion: 93 Resp: 87960

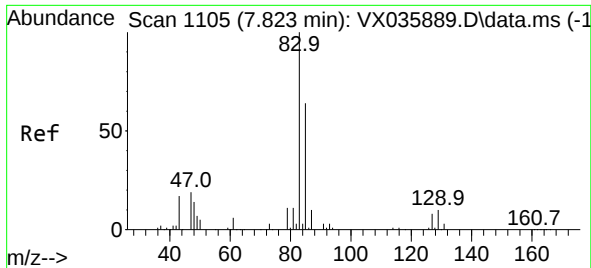
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.2

174 93.6 69.5 104.3





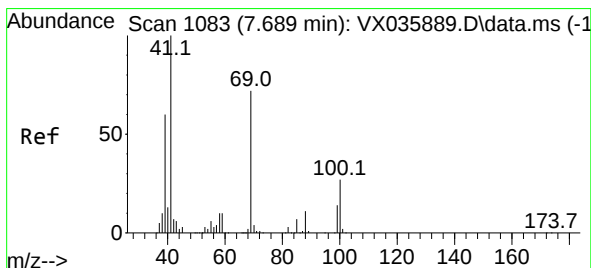
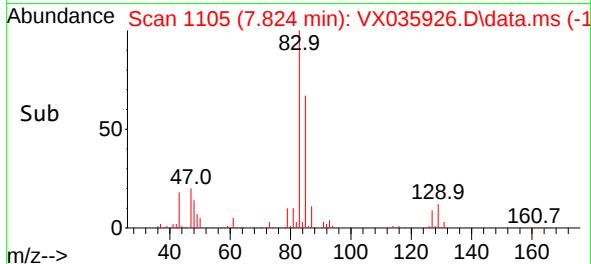
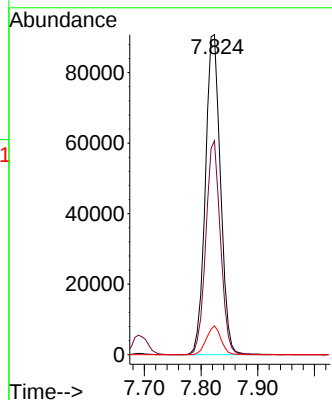
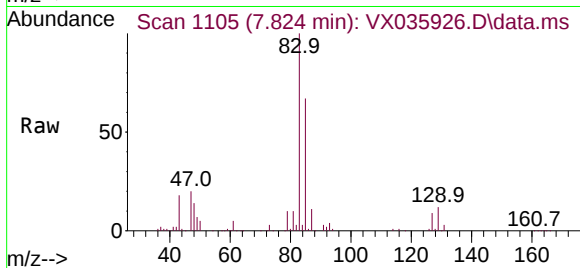
#47
Bromodichloromethane
Concen: 47.460 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 167884
Ion Ratio Lower Upper
83 100
85 66.9 51.3 76.9
127 9.0 6.6 10.0

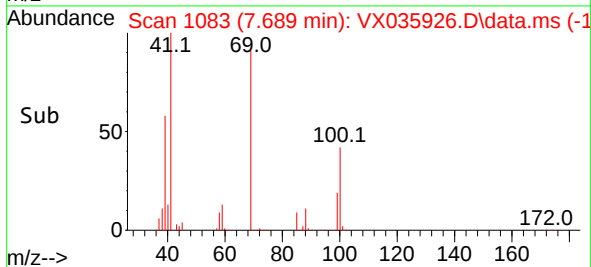
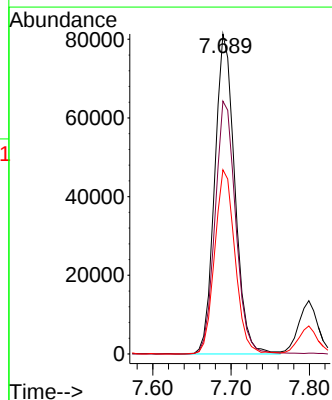
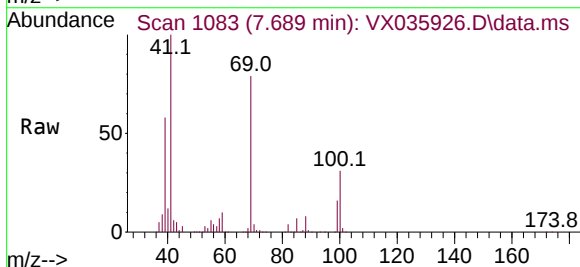
Manual Integrations
APPROVED

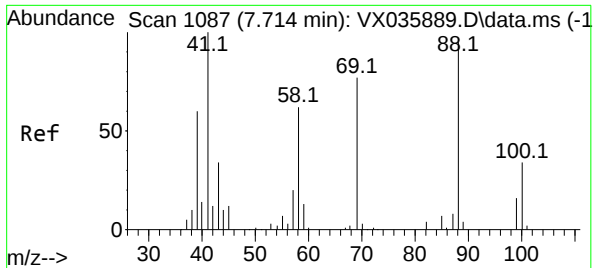
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#48
Methyl methacrylate
Concen: 43.626 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion: 41 Resp: 145365
Ion Ratio Lower Upper
41 100
69 81.0 59.0 88.6
39 58.3 48.4 72.6





#49

1,4-Dioxane

Concen: 902.081 ug/l

RT: 7.732 min Scan# 1087

Delta R.T. 0.018 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

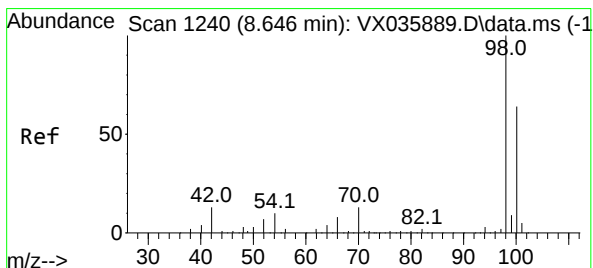
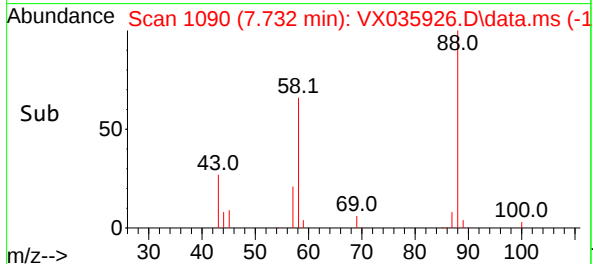
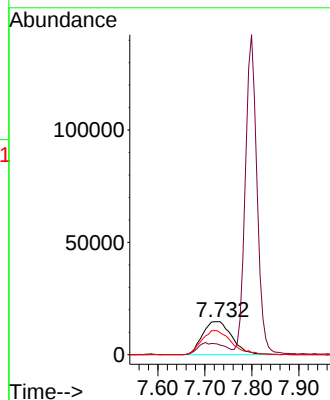
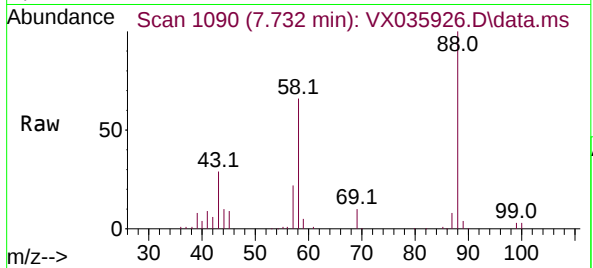
Tgt Ion: 88 Resp: 64145
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.4 41.0
 58 73.6 58.9 88.3

Manual Integrations

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Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#50

Toluene-d8

Concen: 48.342 ug/l

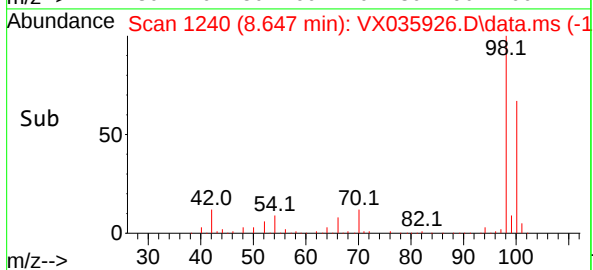
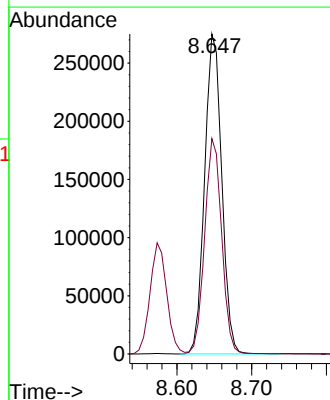
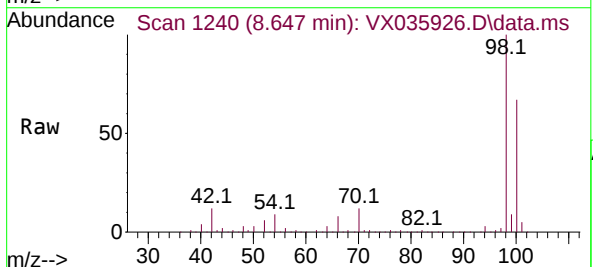
RT: 8.647 min Scan# 1240

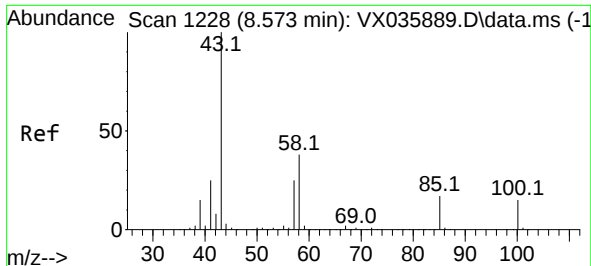
Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Tgt Ion: 98 Resp: 437212
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 224.840 ug/l

RT: 8.573 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 90853

Ion Ratio Lower Upper

43 100

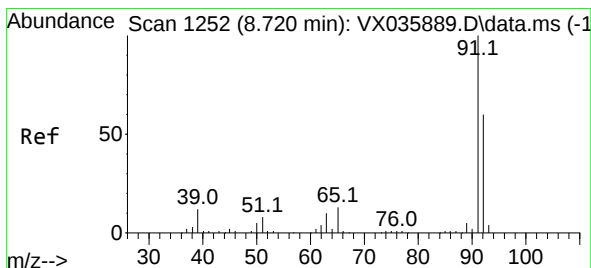
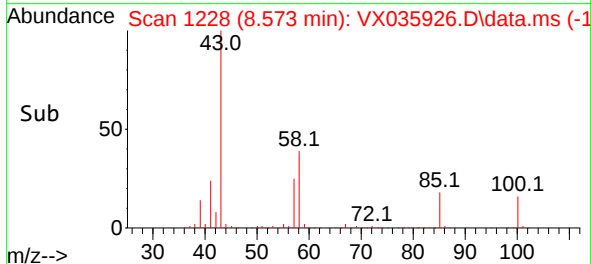
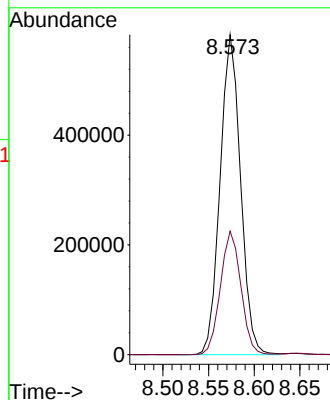
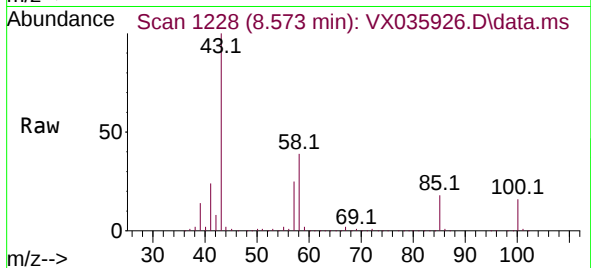
58 38.8 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#52

Toluene

Concen: 45.148 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035926.D

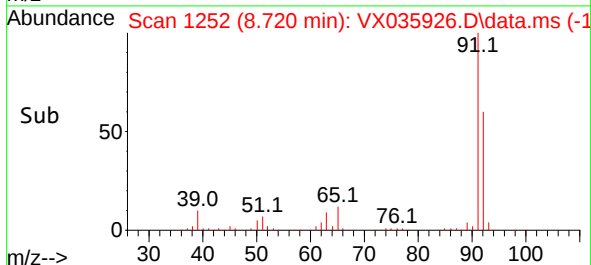
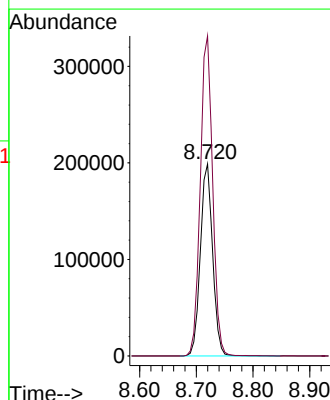
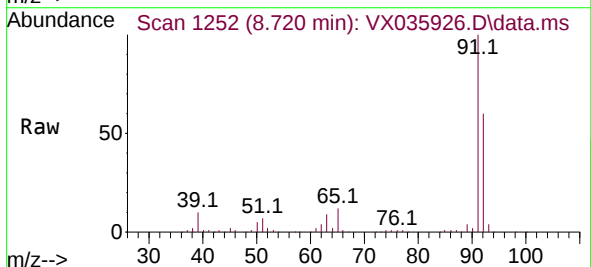
Acq: 31 May 2023 11:13

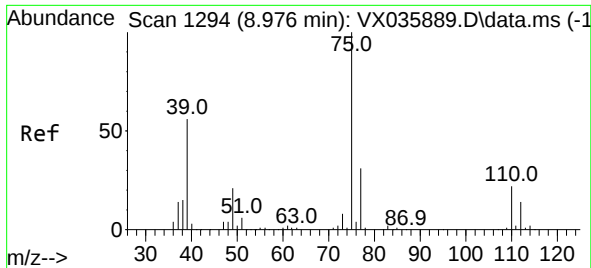
Tgt Ion: 92 Resp: 297186

Ion Ratio Lower Upper

92 100

91 168.5 133.5 200.3





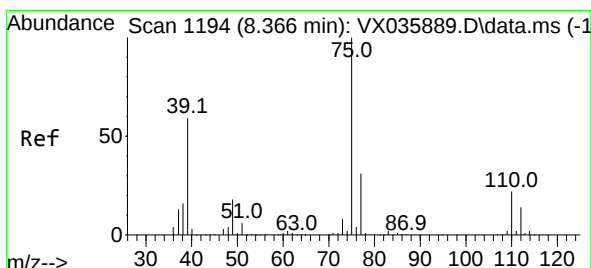
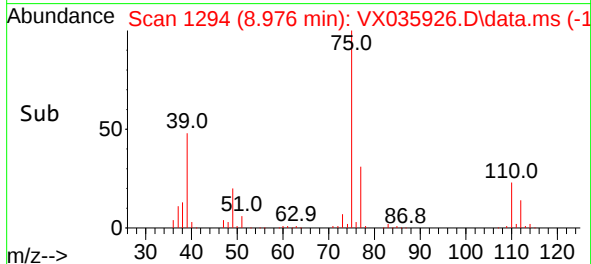
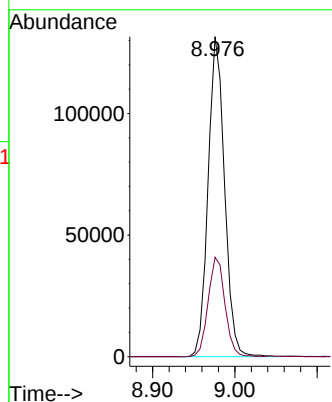
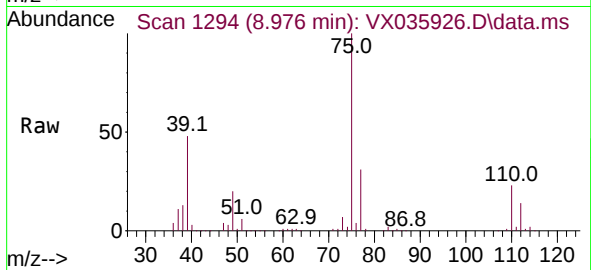
#53
t-1,3-Dichloropropene
Concen: 50.009 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 18268
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6

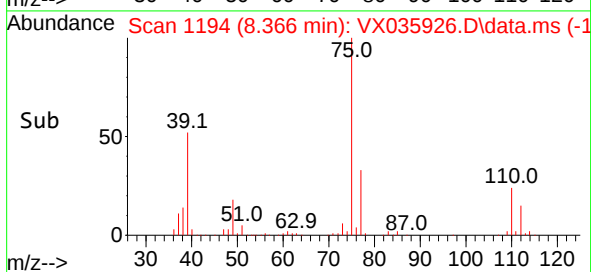
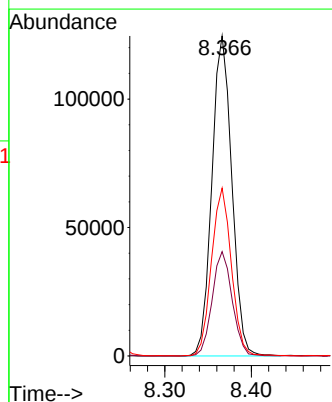
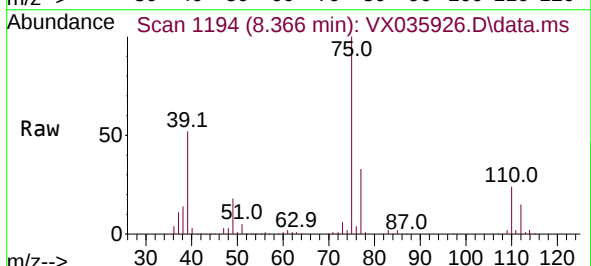
Manual Integrations
APPROVED

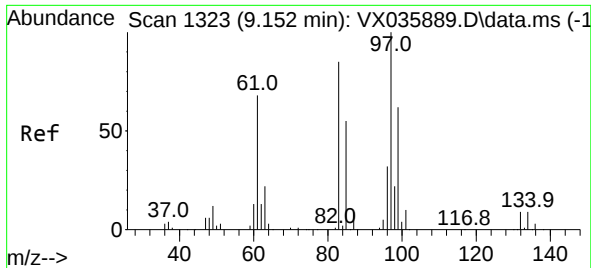
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#54
cis-1,3-Dichloropropene
Concen: 50.012 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

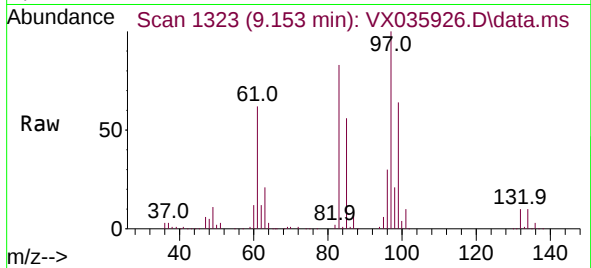
Tgt Ion: 75 Resp: 199409
Ion Ratio Lower Upper
75 100
77 32.6 24.7 37.1
39 52.5 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 47.925 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

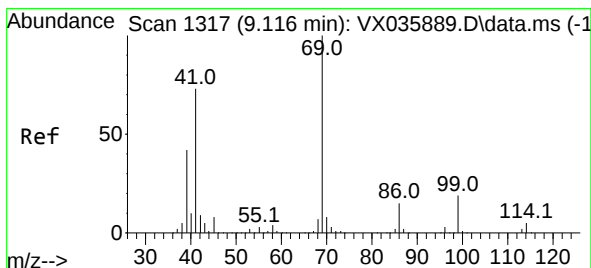
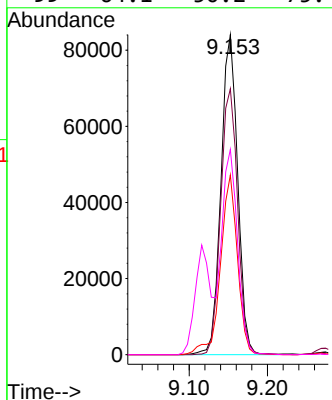
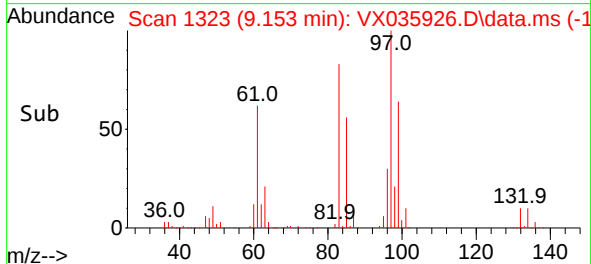
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



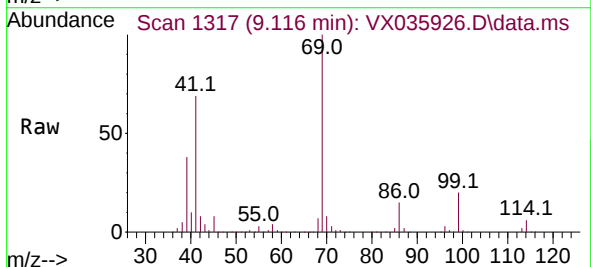
Tgt Ion: 97 Resp: 125064
Ion Ratio Lower Upper
97 100
83 83.1 68.3 102.5
85 56.2 44.2 66.2
99 64.1 50.2 75.4

Manual Integrations
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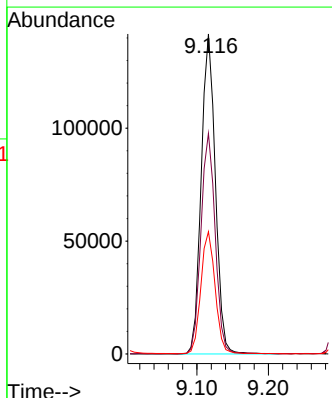
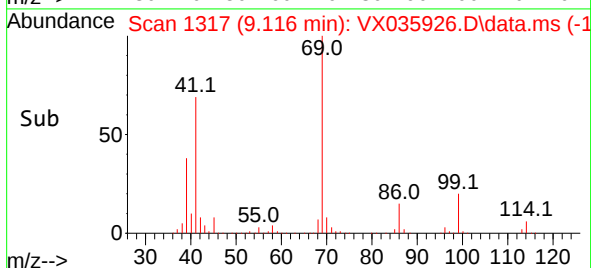
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

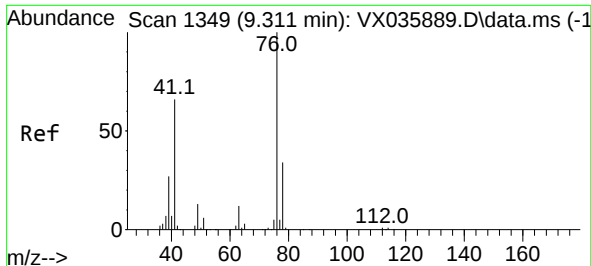


#56
Ethyl methacrylate
Concen: 47.443 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion: 69 Resp: 194934
Ion Ratio Lower Upper
69 100
41 69.4 58.9 88.3
39 38.7 33.4 50.0





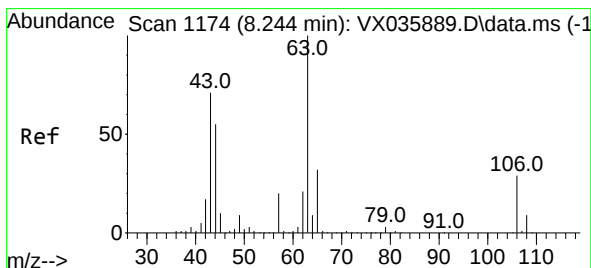
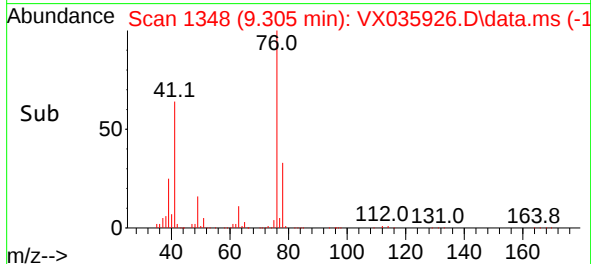
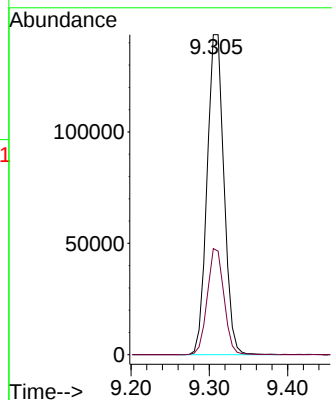
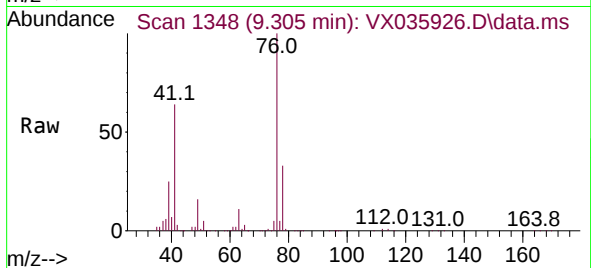
#57
1,3-Dichloropropane
Concen: 45.323 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 214540
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

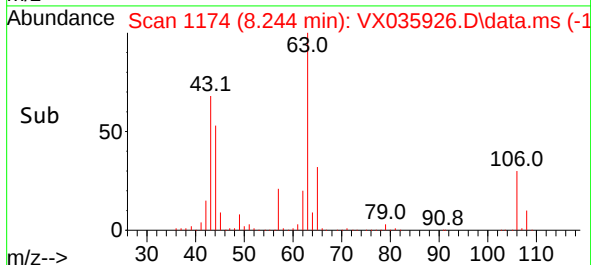
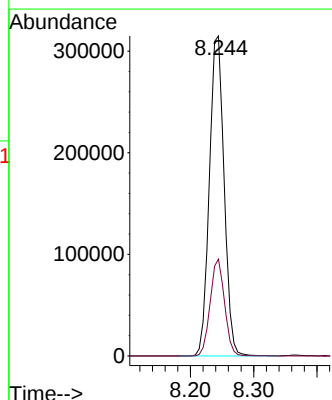
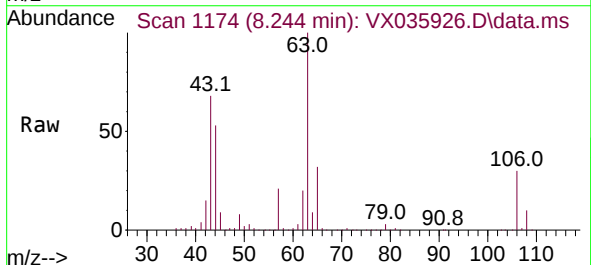
Manual Integrations
APPROVED

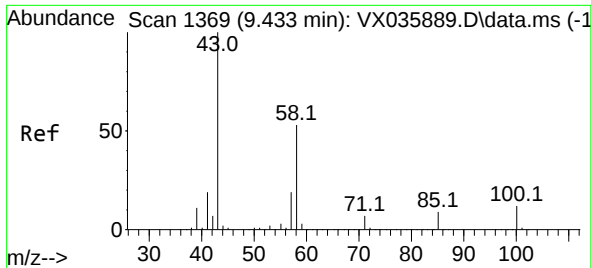
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 234.864 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

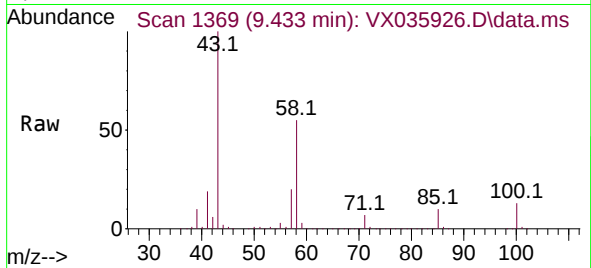
Tgt Ion: 63 Resp: 510582
Ion Ratio Lower Upper
63 100
106 29.5 22.3 33.5





#59
2-Hexanone
Concen: 222.944 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

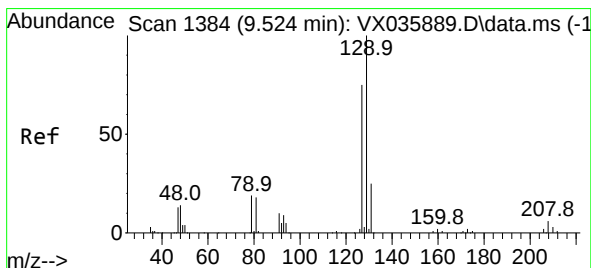
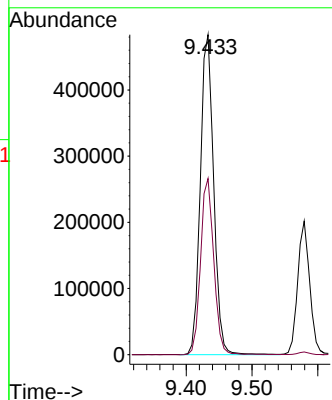
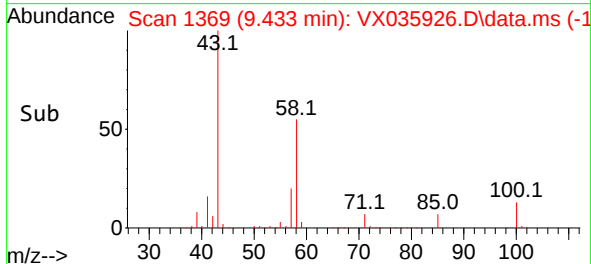
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



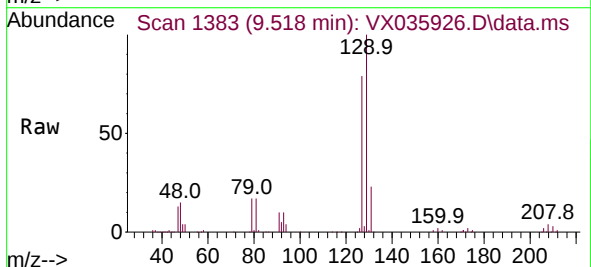
Tgt Ion: 43 Resp: 680909
Ion Ratio Lower Upper
43 100
58 54.5 26.3 78.8

Manual Integrations
APPROVED

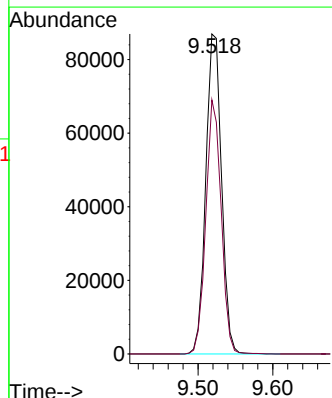
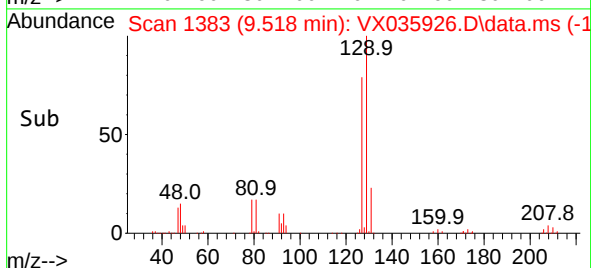
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

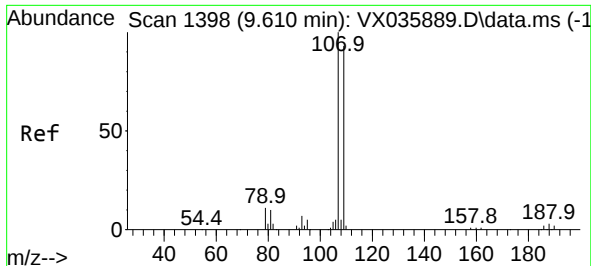


#60
Dibromochloromethane
Concen: 53.283 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



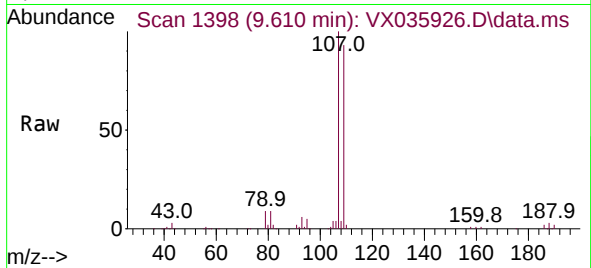
Tgt Ion:129 Resp: 127226
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61
1,2-Dibromoethane
Concen: 47.954 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

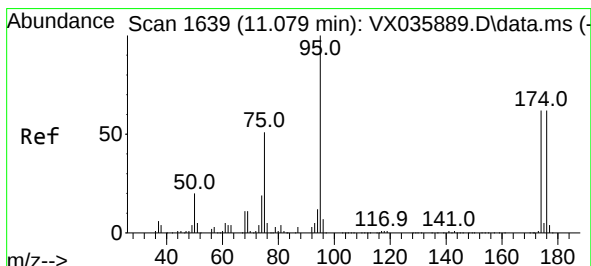
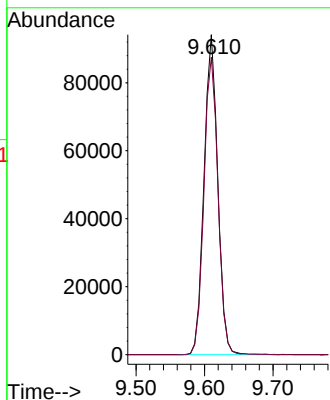
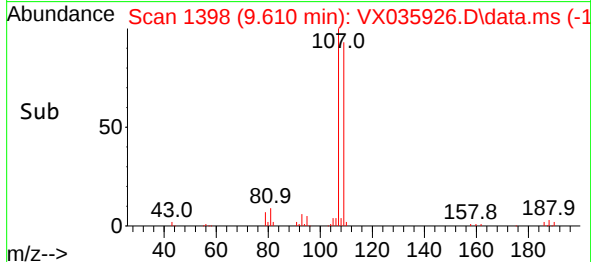
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 131779
Ion Ratio Lower Upper
107 100
109 94.9 74.8 112.2

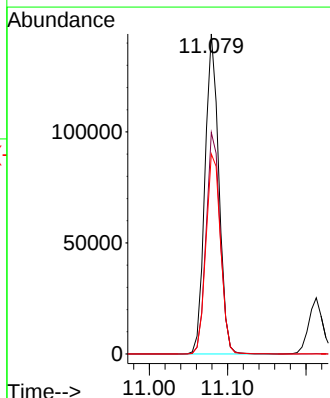
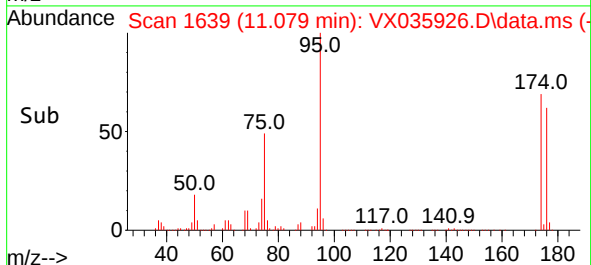
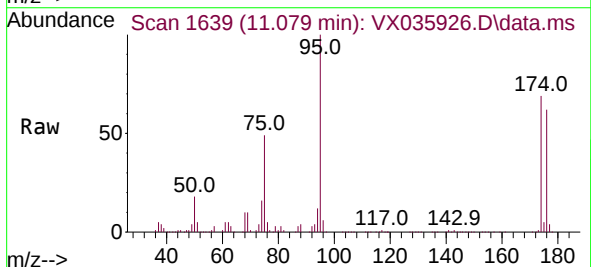
Manual Integrations
APPROVED

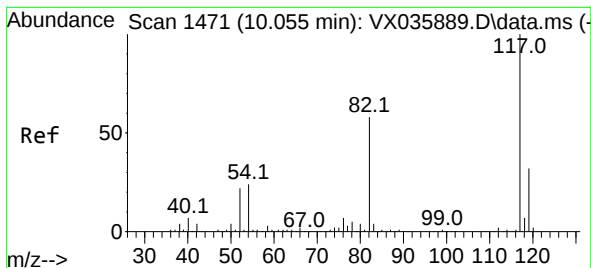
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#62
4-Bromofluorobenzene
Concen: 49.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

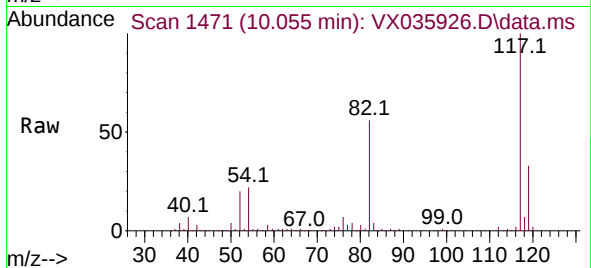
Tgt Ion: 95 Resp: 176877
Ion Ratio Lower Upper
95 100
174 70.4 0.0 132.6
176 65.8 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

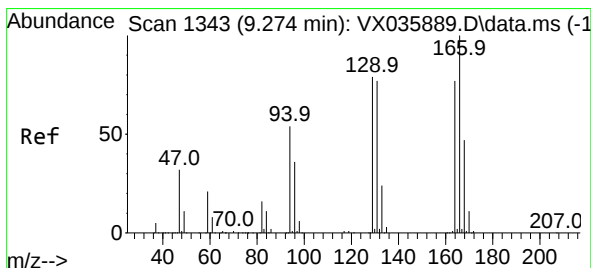
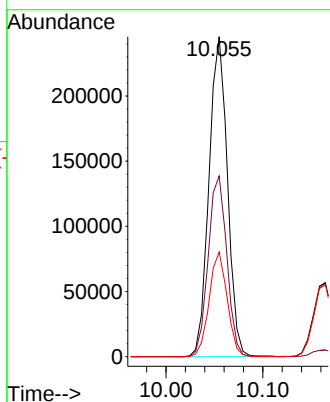
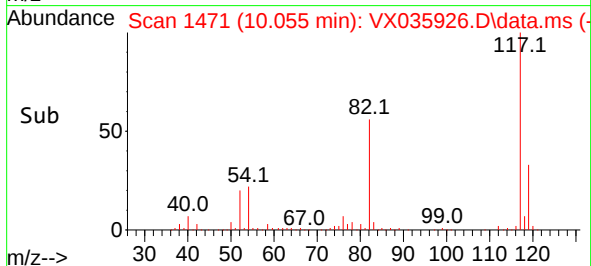
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 325598
Ion Ratio Lower Upper
117 100
82 56.5 46.6 69.8
119 32.7 25.4 38.2

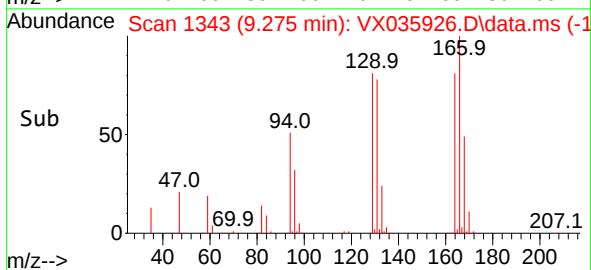
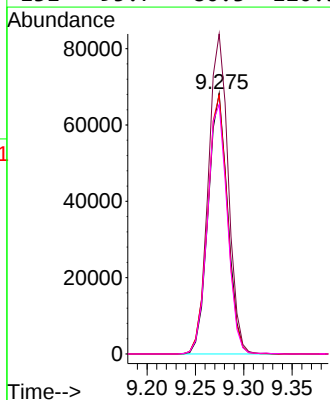
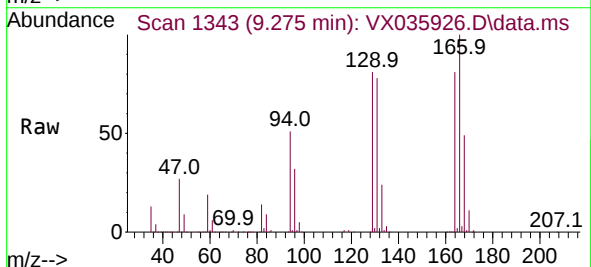
Manual Integrations
APPROVED

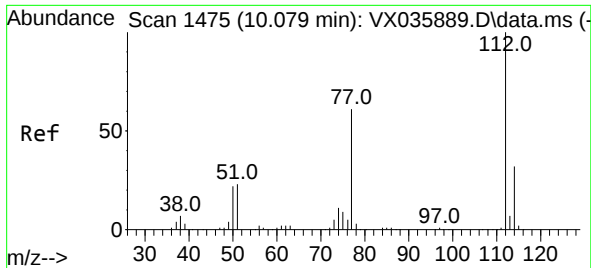
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#64
Tetrachloroethene
Concen: 43.355 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion:164 Resp: 95552
Ion Ratio Lower Upper
164 100
166 122.8 104.4 156.6
129 99.4 82.0 123.0
131 95.7 80.3 120.5





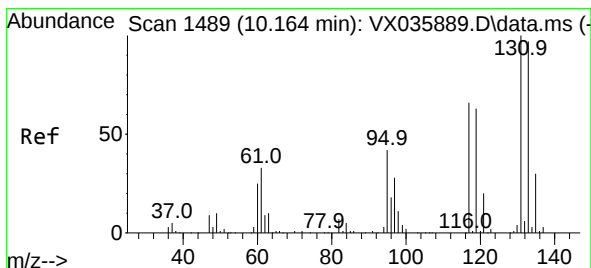
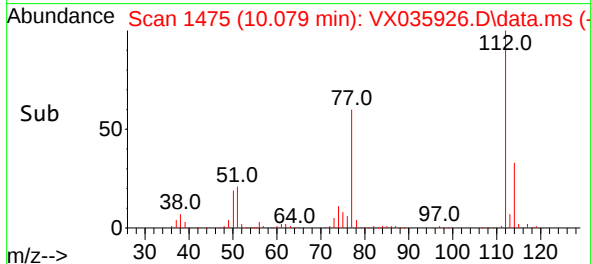
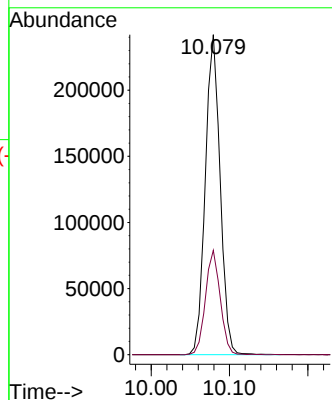
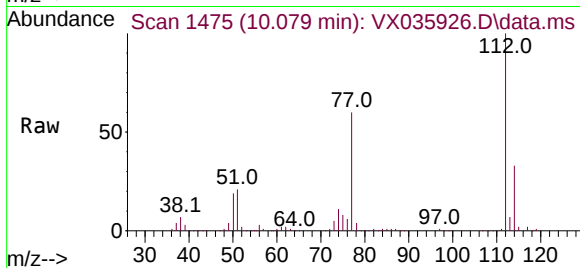
#65
Chlorobenzene
Concen: 45.795 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 317420
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

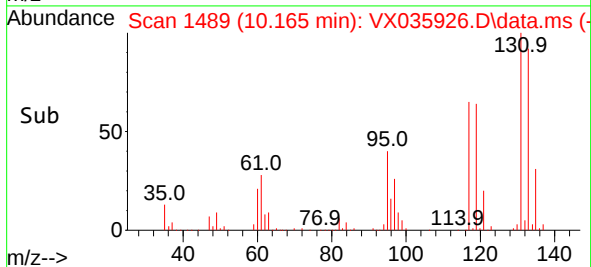
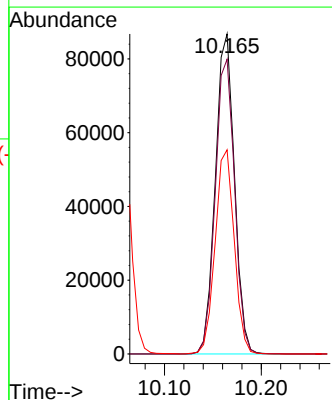
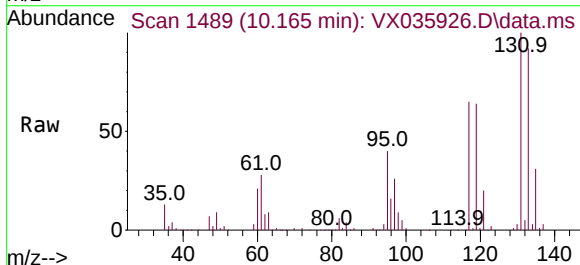
Manual Integrations
APPROVED

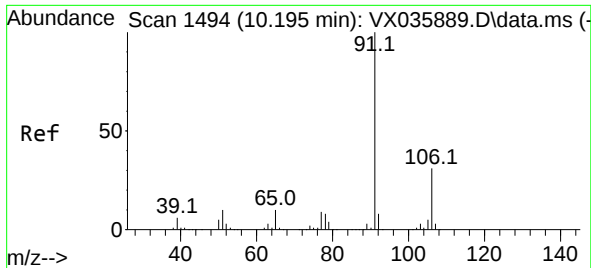
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.908 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

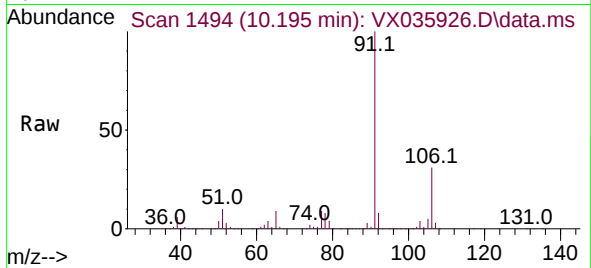
Tgt Ion:131 Resp: 118691
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.3
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 43.659 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

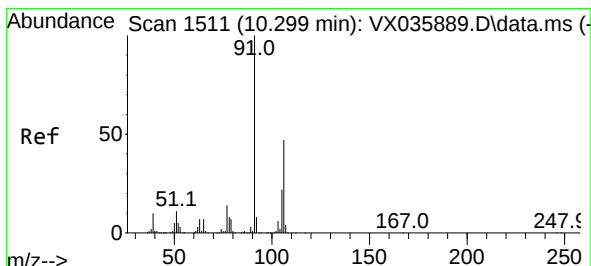
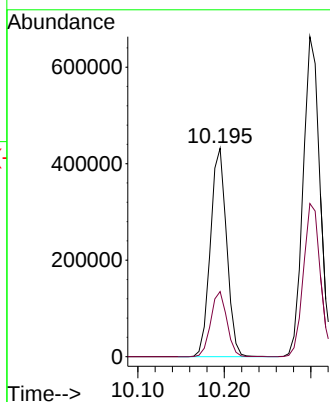
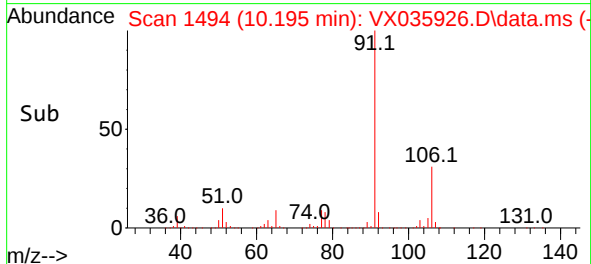
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



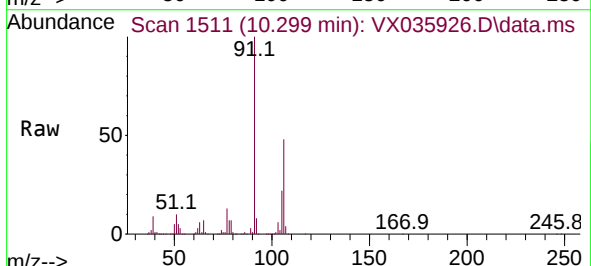
Tgt Ion: 91 Resp: 561480
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

Manual Integrations
APPROVED

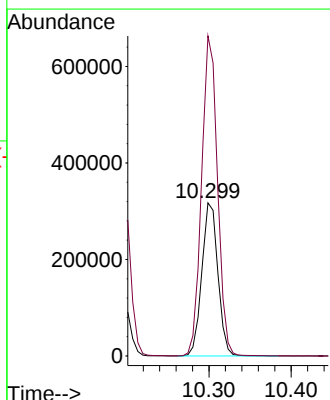
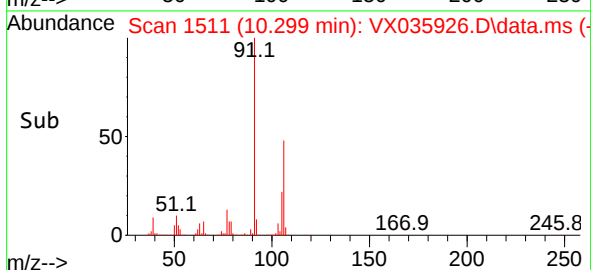
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

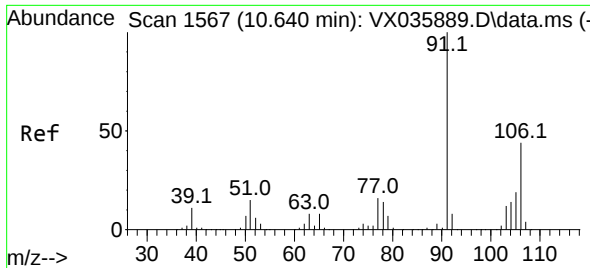


#68
m/p-Xylenes
Concen: 90.278 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion:106 Resp: 429562
Ion Ratio Lower Upper
106 100
91 207.5 169.8 254.8





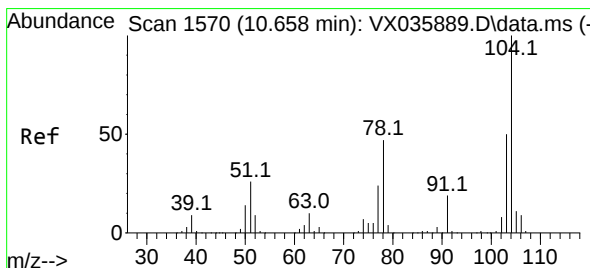
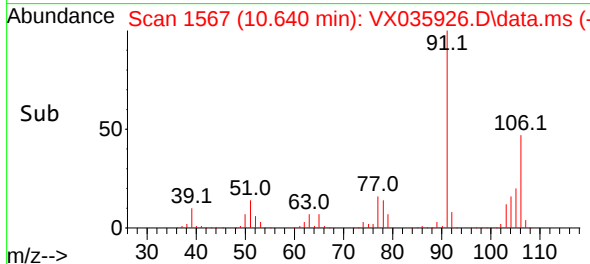
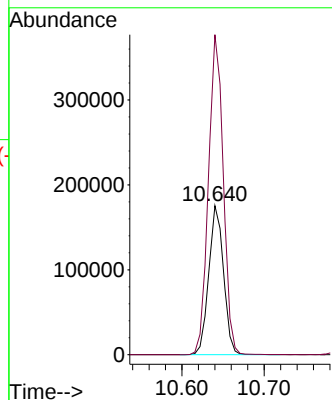
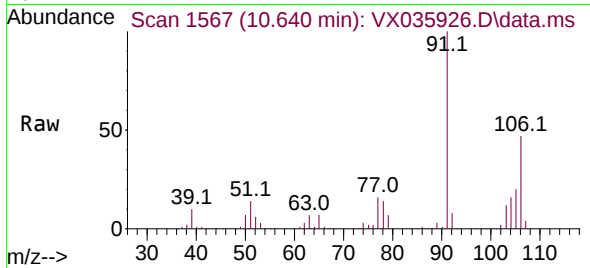
#69
o-Xylene
Concen: 46.307 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 21889
Ion Ratio Lower Upper
106 100
91 216.6 112.5 337.4

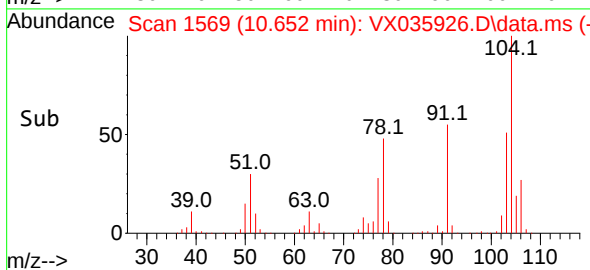
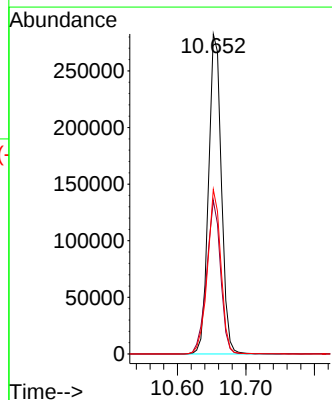
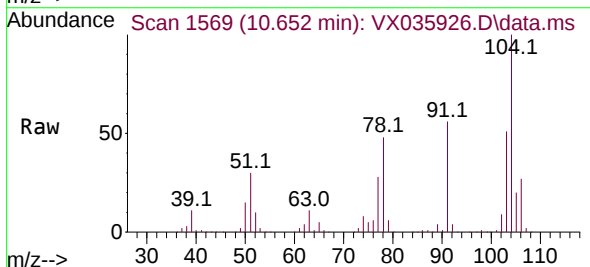
Manual Integrations
APPROVED

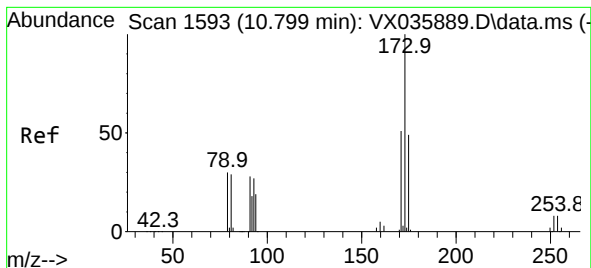
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 47.543 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion:104 Resp: 369190
Ion Ratio Lower Upper
104 100
78 52.0 44.7 67.1
103 53.8 44.0 66.0





#71

Bromoform

Concen: 55.202 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 84878

Ion Ratio Lower Upper

173 100

175 47.4 24.2 72.6

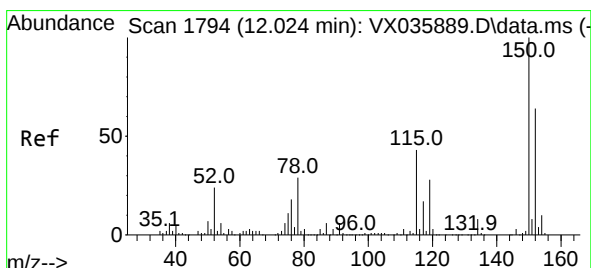
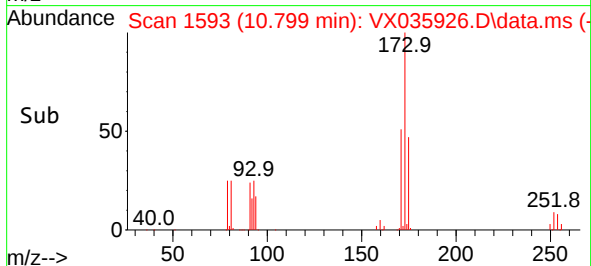
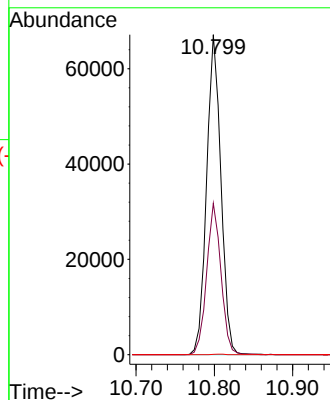
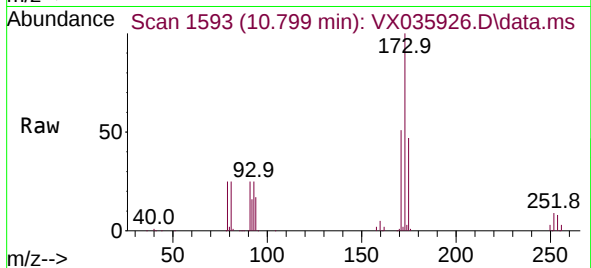
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

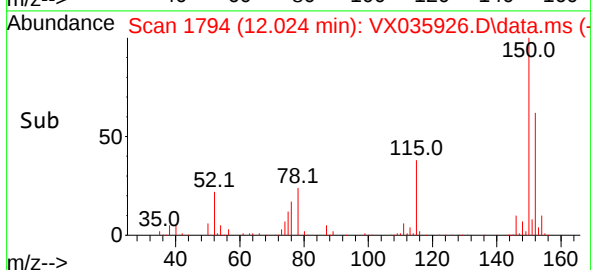
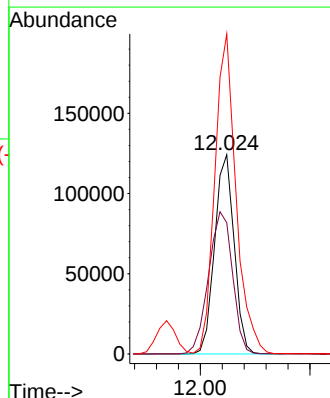
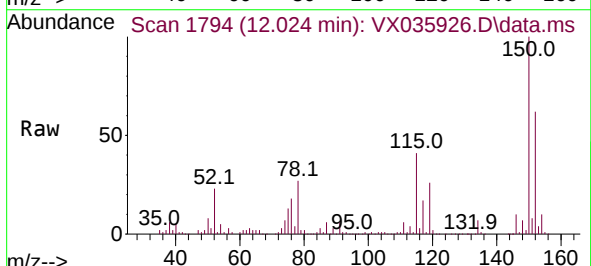
Tgt Ion:152 Resp: 153552

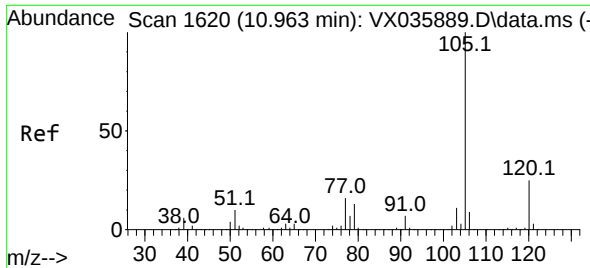
Ion Ratio Lower Upper

152 100

115 87.7 45.5 136.5

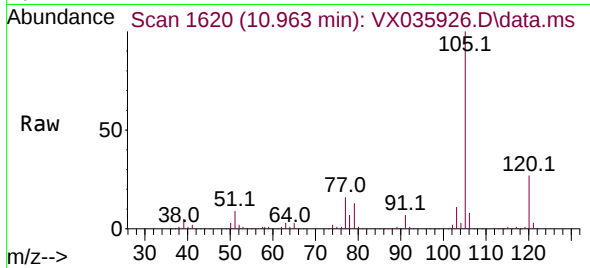
150 174.9 0.0 345.2





#73
Isopropylbenzene
Concen: 43.118 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

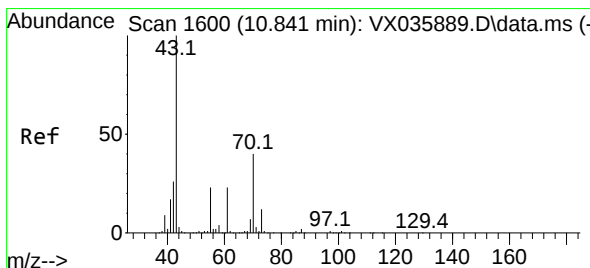
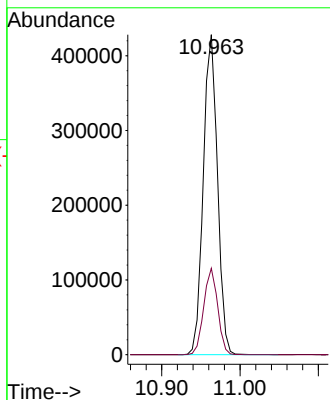
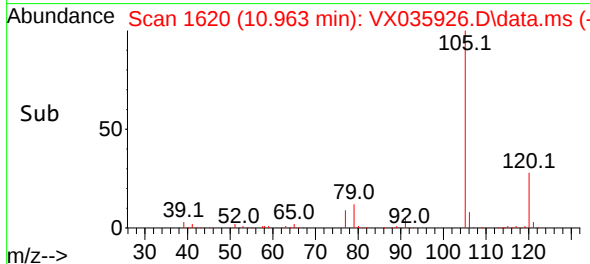
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



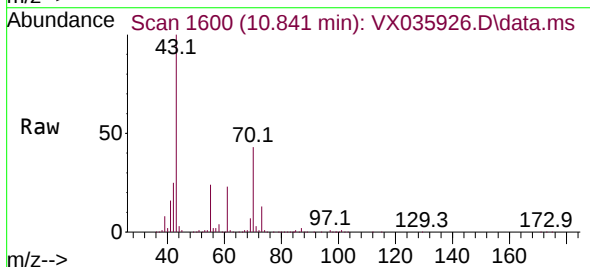
Tgt Ion:105 Resp: 536990
Ion Ratio Lower Upper
105 100
120 26.4 12.7 38.0

Manual Integrations
APPROVED

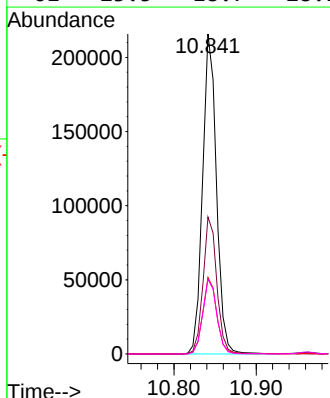
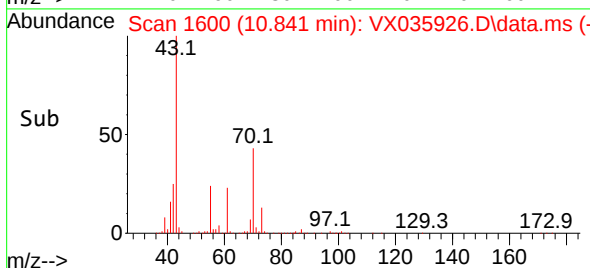
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

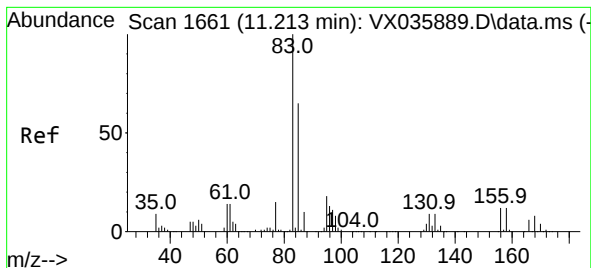


#74
N-ethyl acetate
Concen: 46.667 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion: 43 Resp: 252772
Ion Ratio Lower Upper
43 100
70 42.5 32.6 48.8
55 24.3 19.0 28.4
61 23.5 18.7 28.1





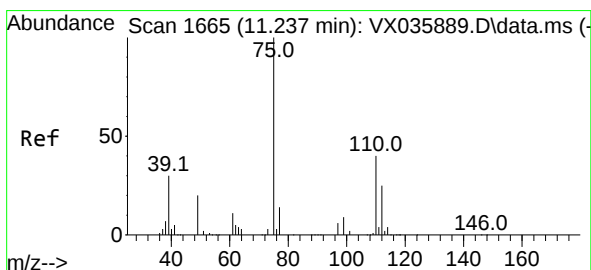
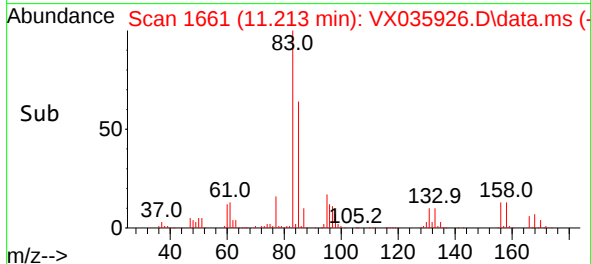
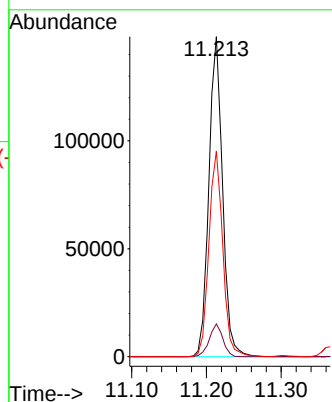
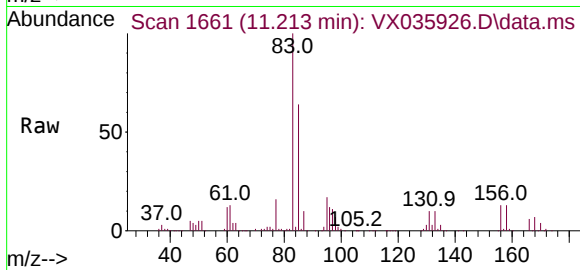
#75
1,1,2,2-Tetrachloroethane
Concen: 46.285 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 18840
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 65.1 32.4 97.0

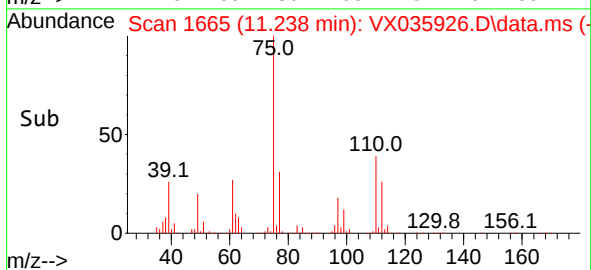
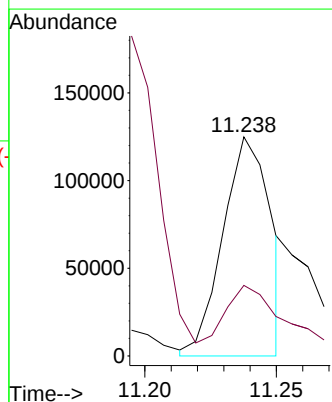
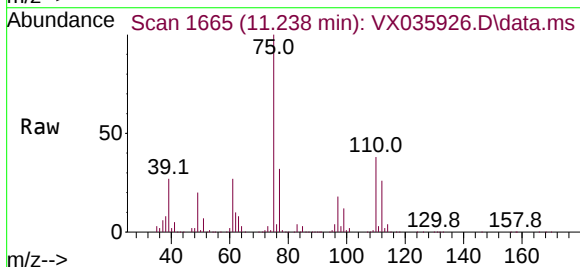
Manual Integrations
APPROVED

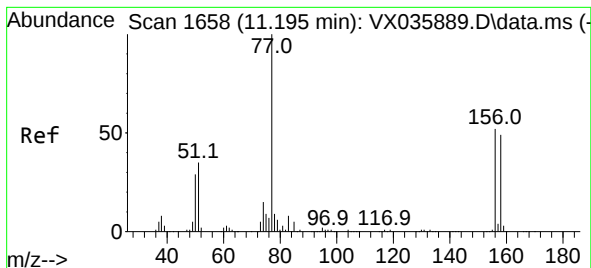
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#76
1,2,3-Trichloropropane
Concen: 41.347 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion: 75 Resp: 158442
Ion Ratio Lower Upper
75 100
77 42.4 21.4 64.2





#77

Bromobenzene

Concen: 48.034 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 13493

Ion Ratio Lower Upper

156 100

77 171.4 90.8 272.3

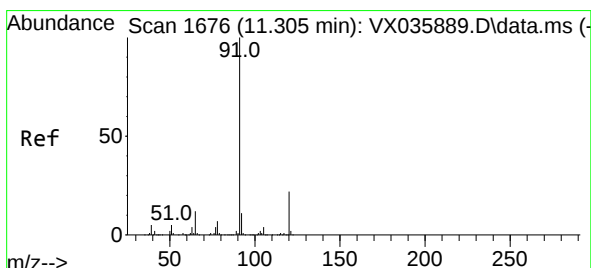
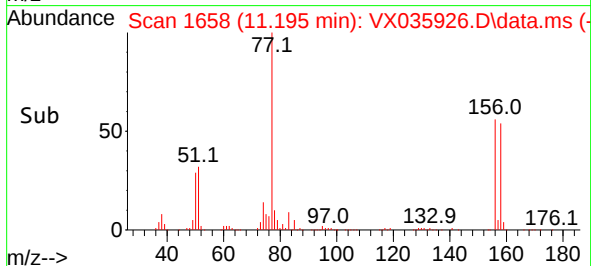
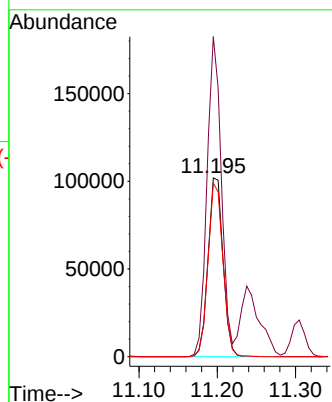
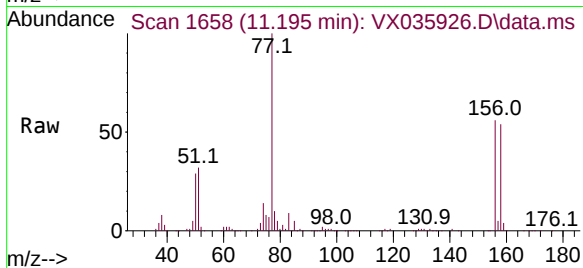
158 96.4 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#78

n-propylbenzene

Concen: 42.286 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035926.D

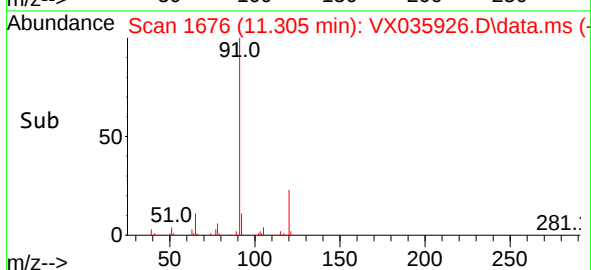
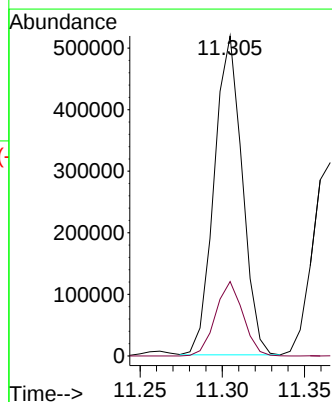
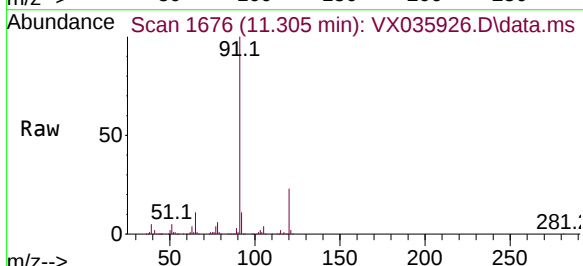
Acq: 31 May 2023 11:13

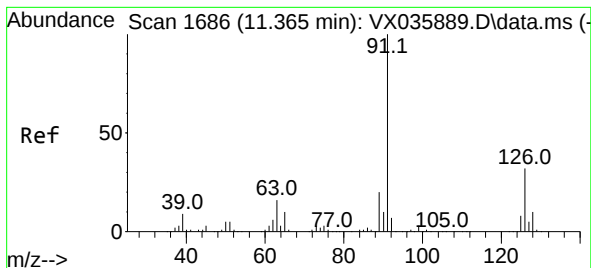
Tgt Ion: 91 Resp: 613780

Ion Ratio Lower Upper

91 100

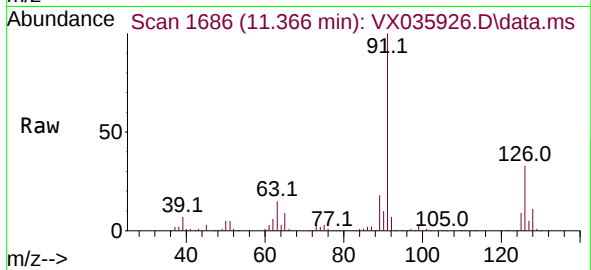
120 22.9 10.9 32.9





#79
2-Chlorotoluene
Concen: 43.260 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

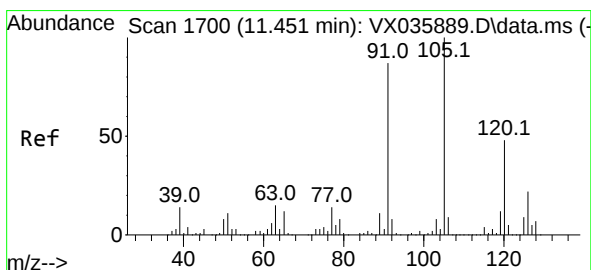
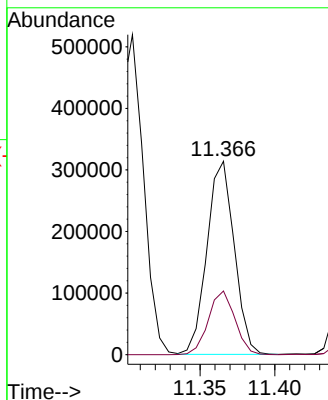
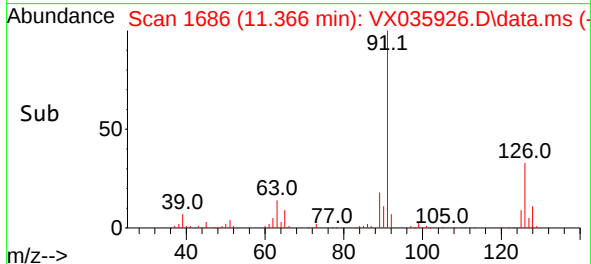
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



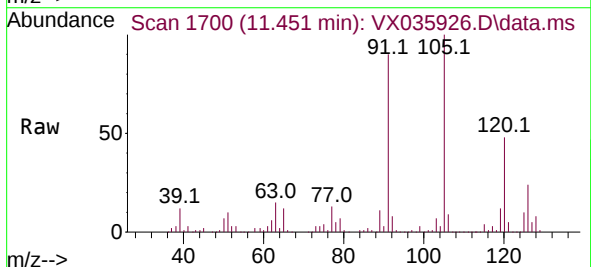
Tgt Ion: 91 Resp: 398070
Ion Ratio Lower Upper
91 100
126 32.1 15.8 47.4

Manual Integrations
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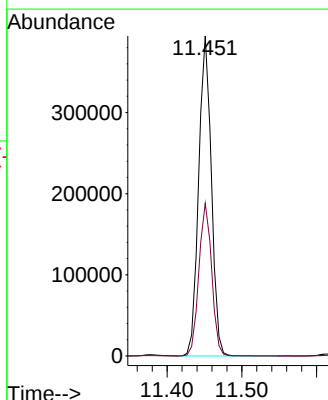
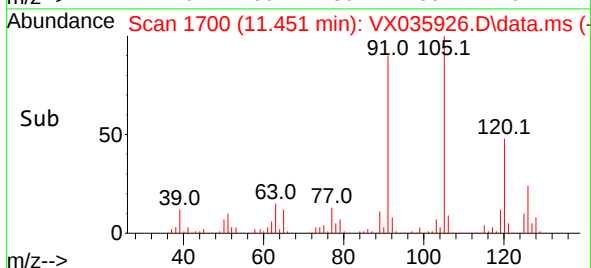
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

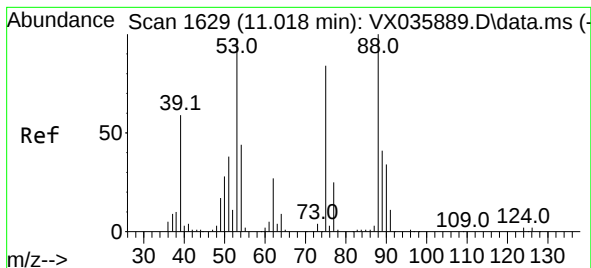


#80
1,3,5-Trimethylbenzene
Concen: 43.752 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion:105 Resp: 464240
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.4





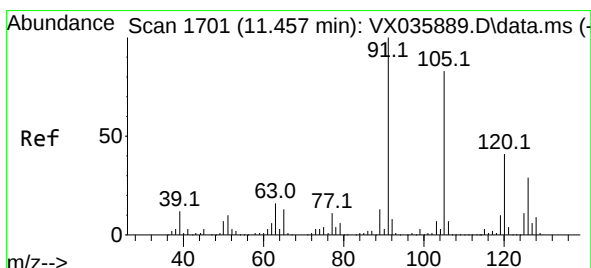
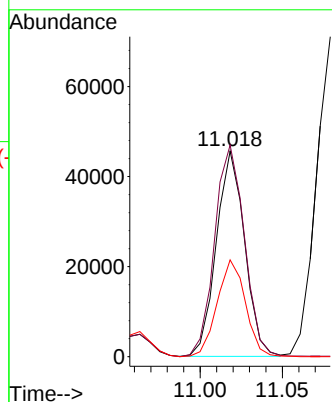
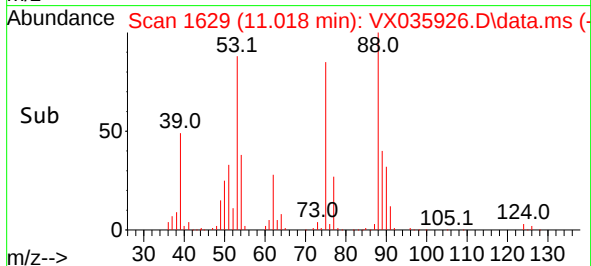
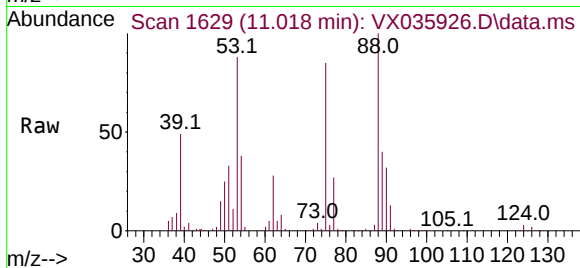
#81
trans-1,4-Dichloro-2-butene
Concen: 52.266 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 54580
Ion Ratio Lower Upper
75 100
53 108.9 95.2 142.8
89 47.1 38.0 57.0

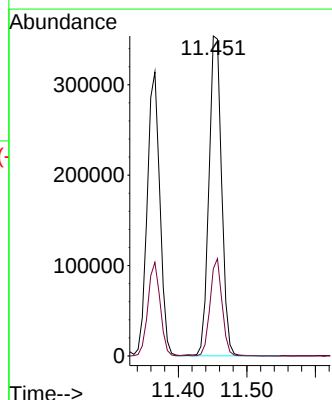
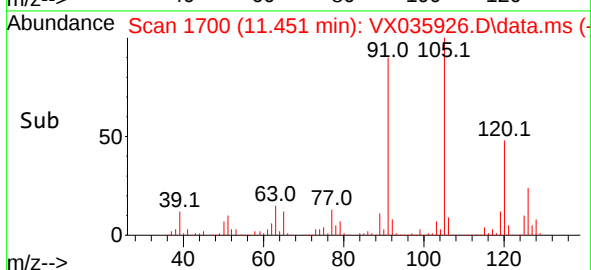
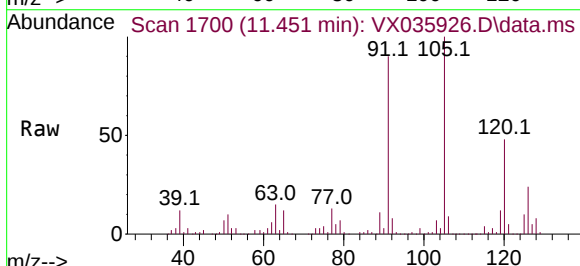
Manual Integrations
APPROVED

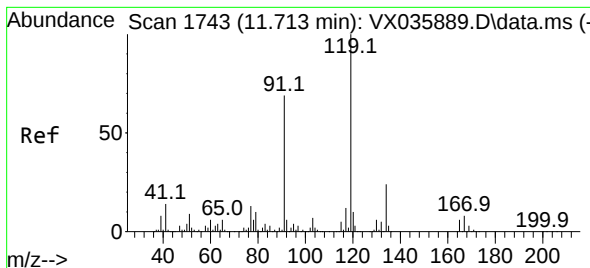
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 43.619 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

Tgt Ion: 91 Resp: 456751
Ion Ratio Lower Upper
91 100
126 28.8 13.7 41.0





#83

tert-Butylbenzene

Concen: 42.570 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 433612

Ion Ratio Lower Upper

119 100

91 60.8 32.4 97.0

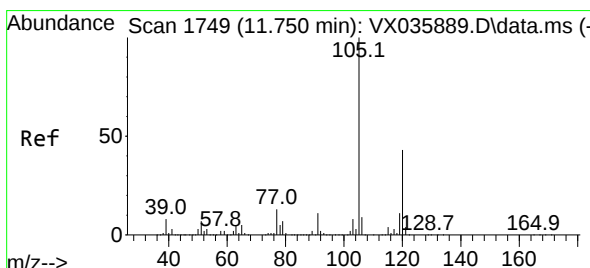
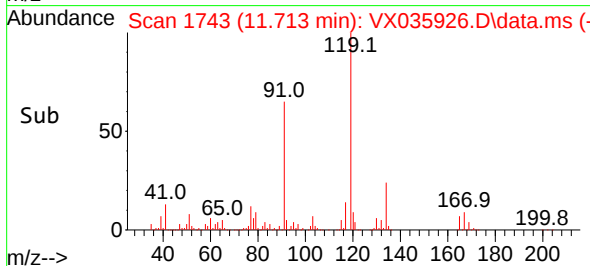
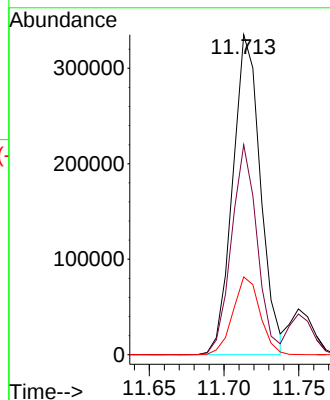
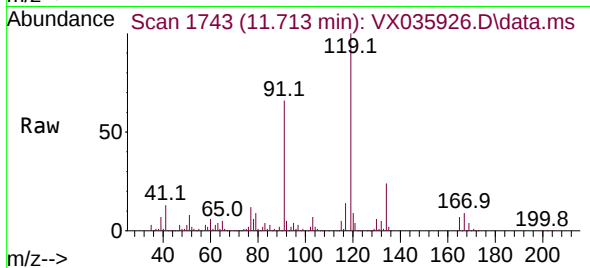
134 23.7 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 44.464 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035926.D

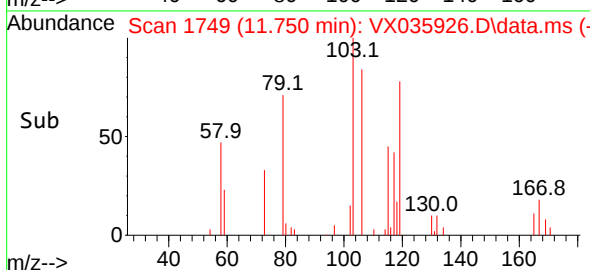
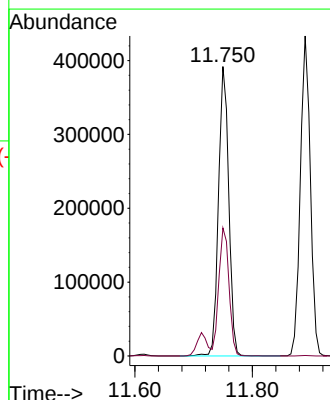
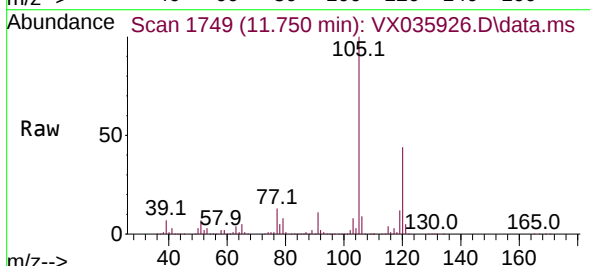
Acq: 31 May 2023 11:13

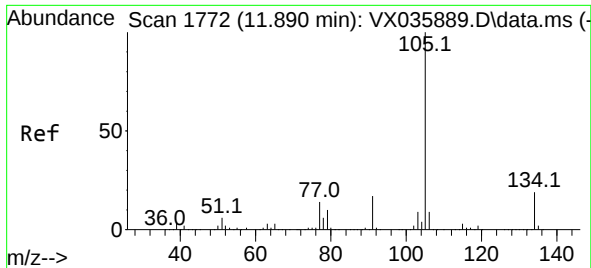
Tgt Ion:105 Resp: 472475

Ion Ratio Lower Upper

105 100

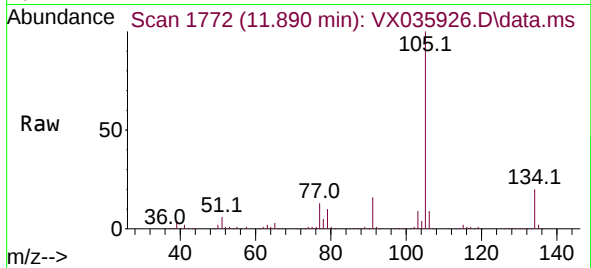
120 44.1 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 40.227 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035926.D
 Acq: 31 May 2023 11:13

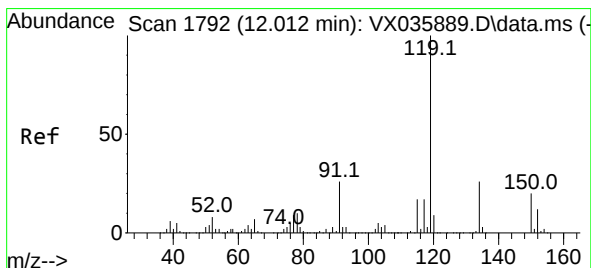
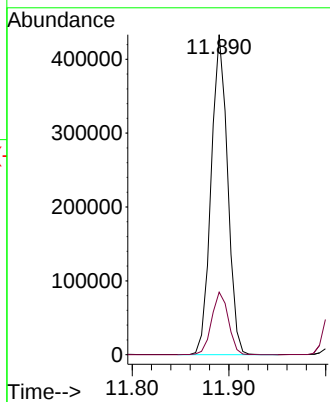
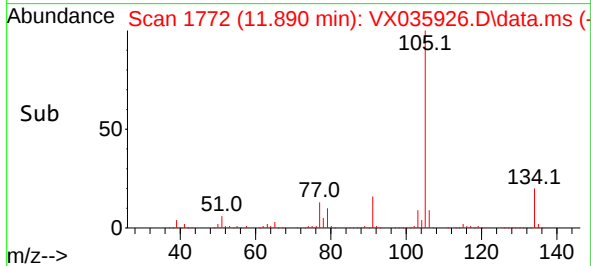
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



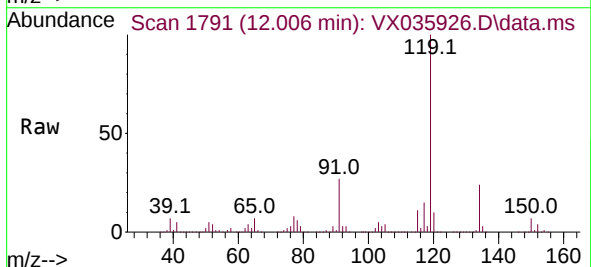
Tgt Ion:105 Resp: 512060
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9

Manual Integrations
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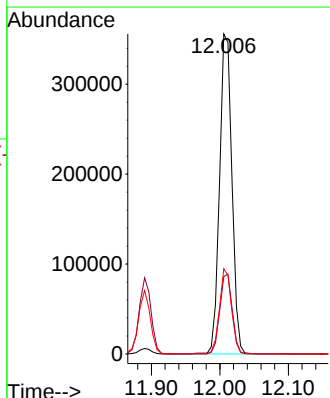
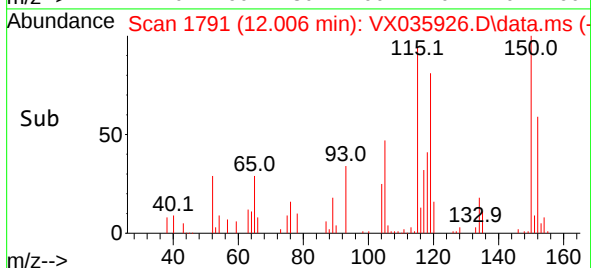
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

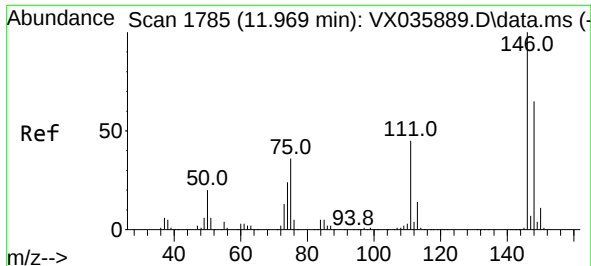


#86
 p-Isopropyltoluene
 Concen: 41.678 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035926.D
 Acq: 31 May 2023 11:13



Tgt Ion:119 Resp: 443612
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 25.8 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 46.826 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 251063

Ion Ratio Lower Upper

146 100

111 42.8 22.6 67.7

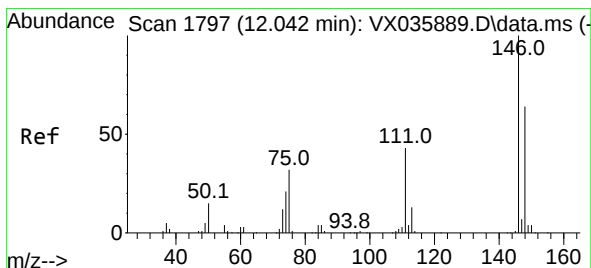
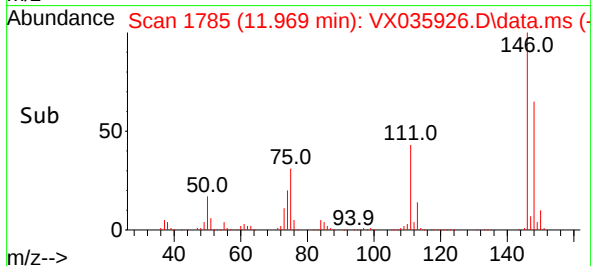
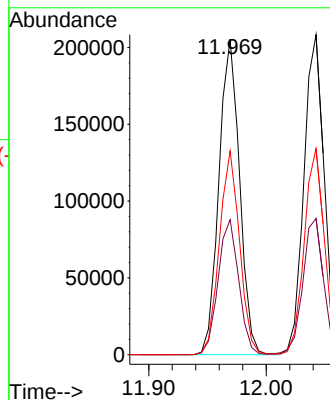
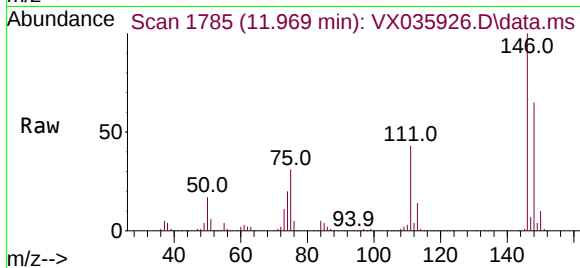
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#88

1,4-Dichlorobenzene

Concen: 45.666 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

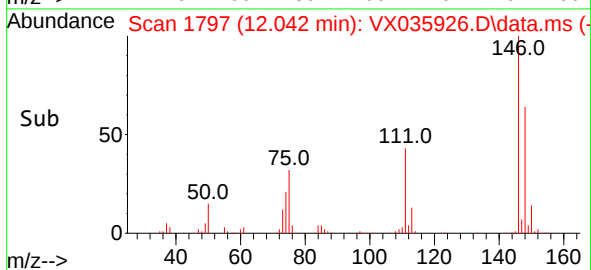
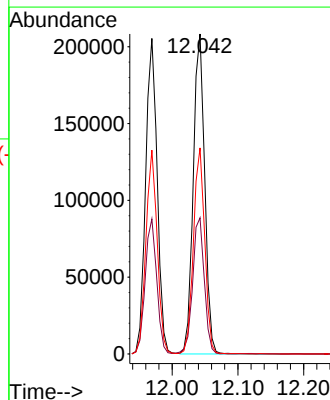
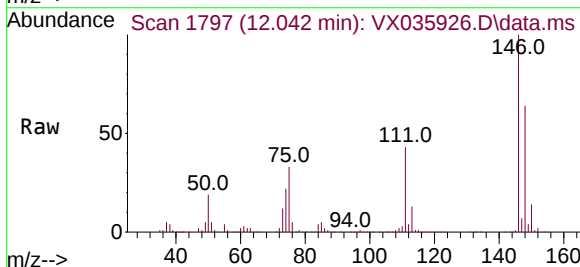
Tgt Ion:146 Resp: 252223

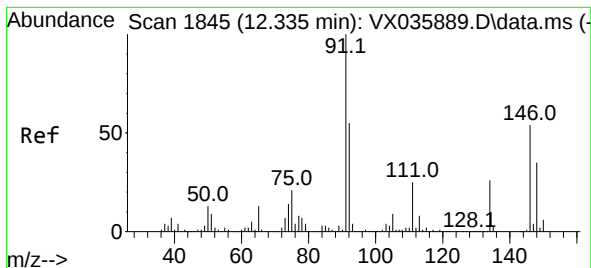
Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

148 63.3 31.9 95.7





#89

n-Butylbenzene

Concen: 39.343 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035926.D

Acq: 31 May 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 36807

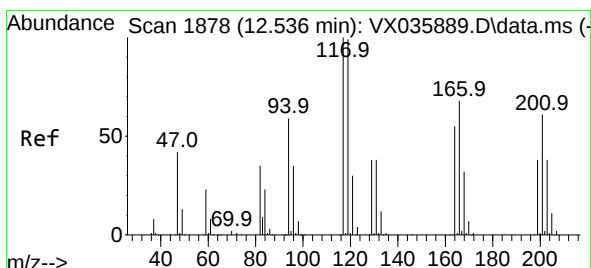
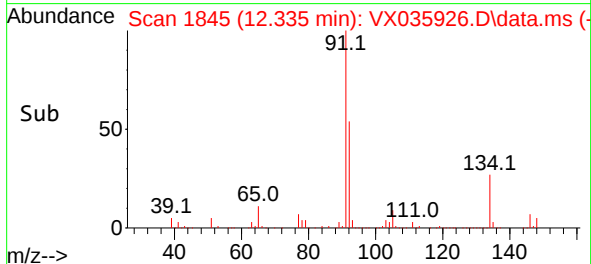
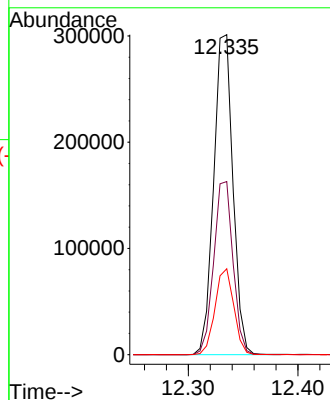
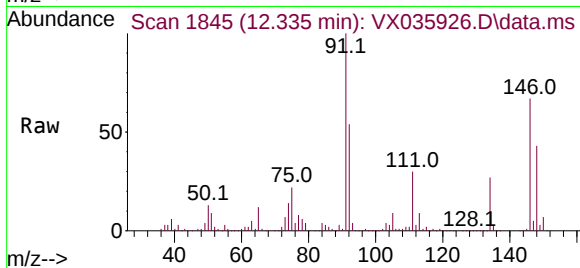
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	26.3	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#90

Hexachloroethane

Concen: 45.888 ug/l

RT: 12.536 min Scan# 1878

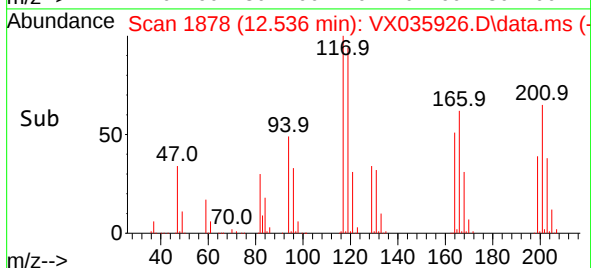
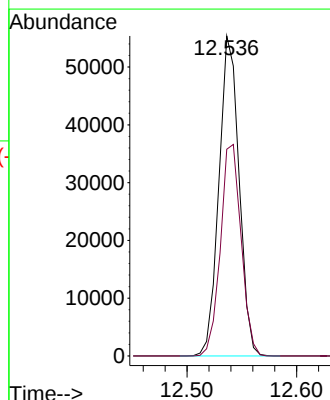
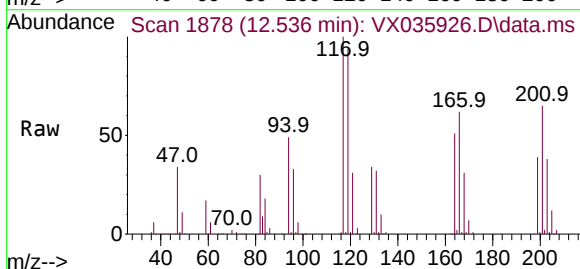
Delta R.T. 0.000 min

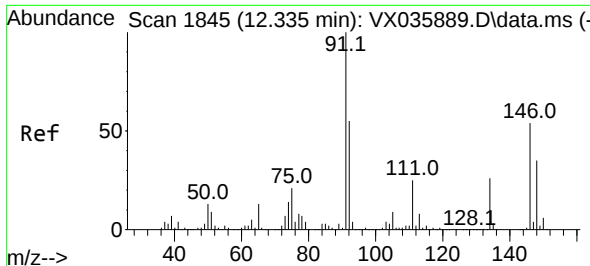
Lab File: VX035926.D

Acq: 31 May 2023 11:13

Tgt Ion:117 Resp: 70659

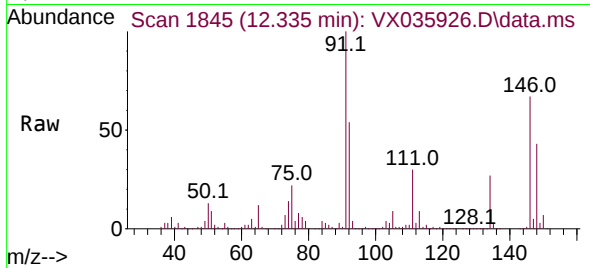
Ion	Ratio	Lower	Upper
117	100		
201	68.0	32.7	98.1





#91
1,2-Dichlorobenzene
Concen: 47.247 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

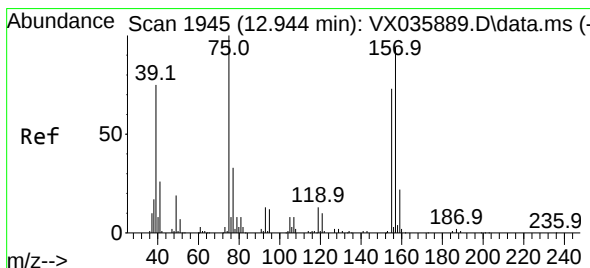
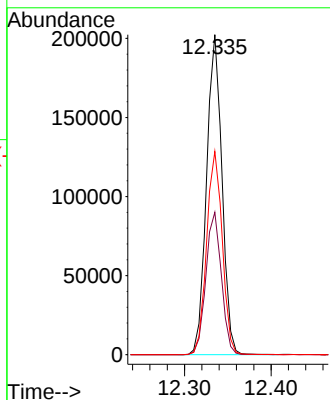
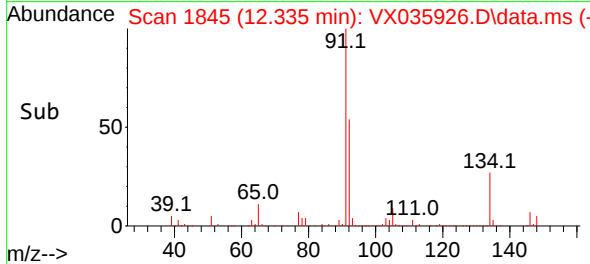
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



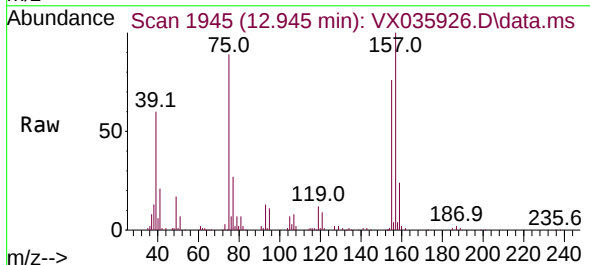
Tgt Ion:146 Resp: 250209
Ion Ratio Lower Upper
146 100
111 44.8 23.3 69.9
148 64.3 31.9 95.7

Manual Integrations
APPROVED

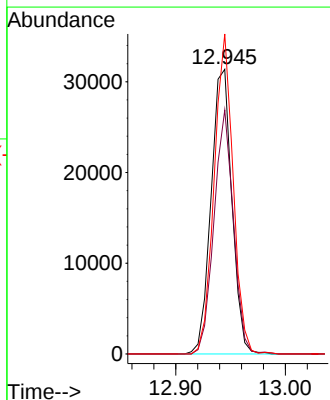
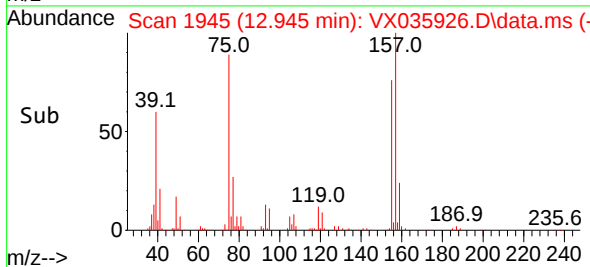
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

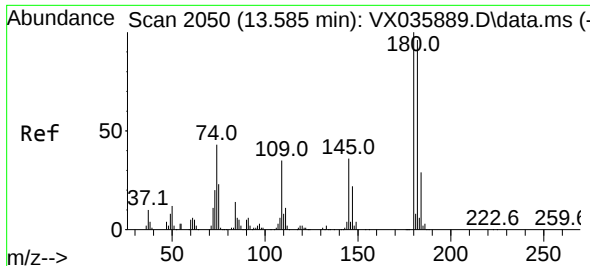


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.675 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



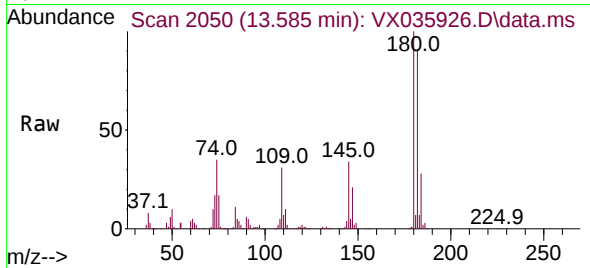
Tgt Ion: 75 Resp: 41463
Ion Ratio Lower Upper
75 100
155 80.0 35.3 105.7
157 102.5 45.6 136.8





#93
1,2,4-Trichlorobenzene
Concen: 46.234 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

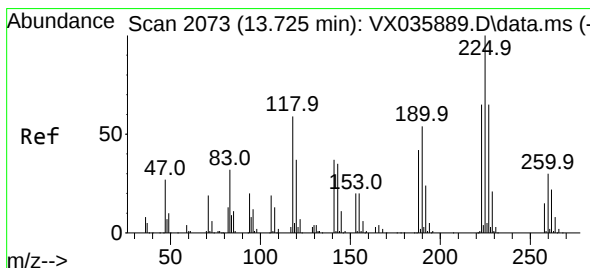
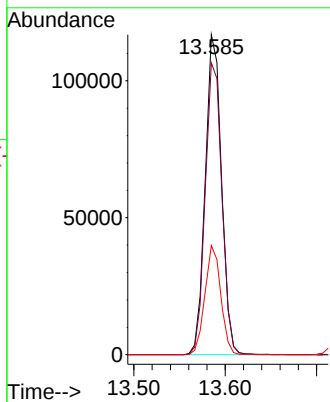
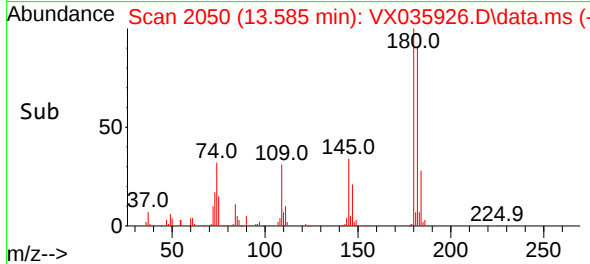
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



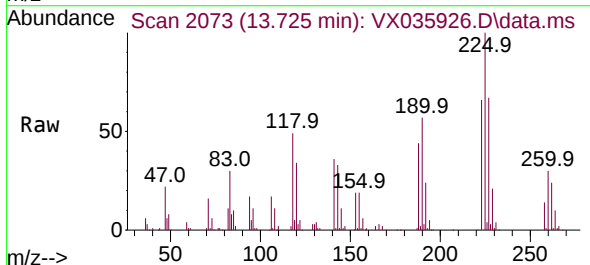
Tgt Ion:180 Resp: 14396
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.8
145 33.4 17.3 51.9

Manual Integrations
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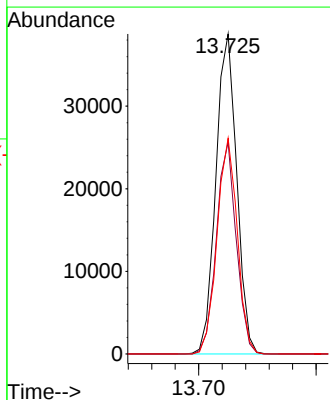
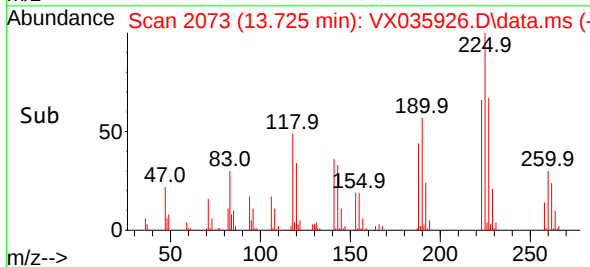
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

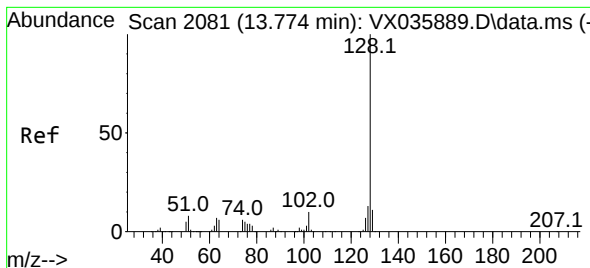


#94
Hexachlorobutadiene
Concen: 38.227 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



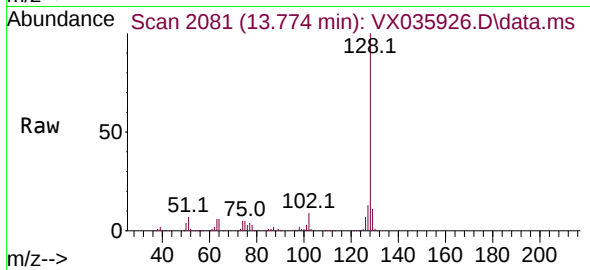
Tgt Ion:225 Resp: 47727
Ion Ratio Lower Upper
225 100
223 63.3 32.6 97.7
227 65.6 31.9 95.7





#95
Naphthalene
Concen: 48.640 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13

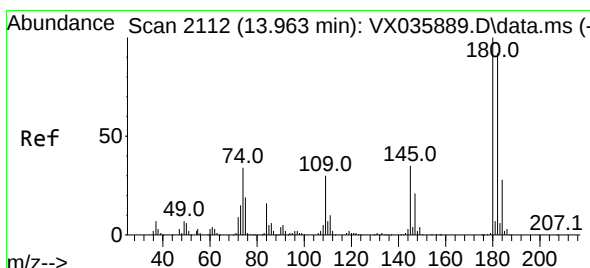
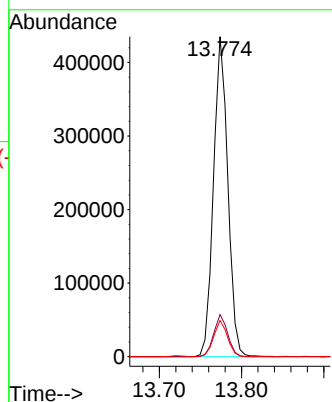
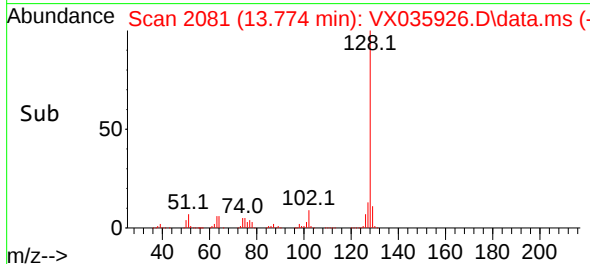
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



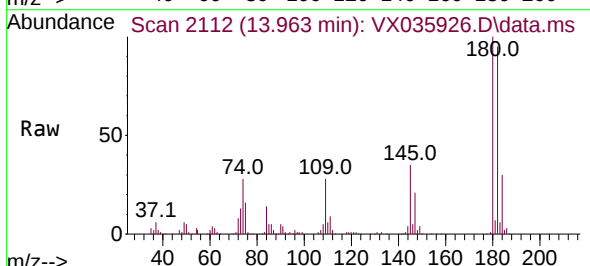
Tgt Ion:128 Resp: 526199
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.248 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035926.D
Acq: 31 May 2023 11:13



Tgt Ion:180 Resp: 143509
Ion Ratio Lower Upper
180 100
182 93.1 46.9 140.7
145 35.3 18.1 54.3

