

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077624.D
 Acq On : 09 May 2023 10:58
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: May 09 13:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/10/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	557008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1023923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	901721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	343265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	39050	5.528	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.060%#		
35) Dibromofluoromethane	8.172	113	33686	5.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.560%#		
50) Toluene-d8	10.571	98	120730	4.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	12.848	95	39271	4.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	32037	5.145	ug/l	94
3) Chloromethane	2.372	50	29697	4.656	ug/l	97
4) Vinyl Chloride	2.525	62	38527	5.187	ug/l	92
5) Bromomethane	2.948	94	34397	5.833	ug/l	100
6) Chloroethane	3.125	64	26845	5.212	ug/l	90
7) Trichlorofluoromethane	3.501	101	66078	5.675	ug/l	85
8) Diethyl Ether	3.978	74	17886	5.225	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	31108	5.347	ug/l	98
10) Methyl Iodide	4.595	142	41173	4.794	ug/l #	88
11) Tert butyl alcohol	5.536	59	21221	25.537	ug/l #	90
12) 1,1-Dichloroethene	4.348	96	27726	5.016	ug/l	96
13) Acrolein	4.184	56	24209	30.058	ug/l	93
14) Allyl chloride	5.031	41	27357	4.983	ug/l #	83
15) Acrylonitrile	5.736	53	52743	25.660	ug/l	94
16) Acetone	4.442	43	42984	25.548	ug/l	89
17) Carbon Disulfide	4.719	76	66653	5.014	ug/l	96
18) Methyl Acetate	5.042	43	35020	5.266	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	93629	5.147	ug/l #	90
20) Methylene Chloride	5.278	84	37003	5.323	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	30736	4.916	ug/l	95
22) Diisopropyl ether	6.689	45	70886	5.230	ug/l	89
23) Vinyl Acetate	6.607	43	195029m	25.215	ug/l	
24) 1,1-Dichloroethane	6.578	63	51876	5.049	ug/l	91
25) 2-Butanone	7.489	43	62831	25.626	ug/l	94
26) 2,2-Dichloropropane	7.501	77	44459	4.774	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	40057	5.266	ug/l	91
28) Bromochloromethane	7.825	49	17821	4.753	ug/l #	5
29) Tetrahydrofuran	7.836	42	38382	25.484	ug/l	95
30) Chloroform	7.966	83	61012	5.010	ug/l	94
31) Cyclohexane	8.266	56	54174	6.001	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	55154	4.919	ug/l #	52
36) 1,1-Dichloropropene	8.372	75	40864	4.637	ug/l	96
37) Ethyl Acetate	7.566	43	25611	5.082	ug/l #	93
38) Carbon Tetrachloride	8.366	117	47502	4.934	ug/l	91
39) Methylcyclohexane	9.607	83	54126	4.948	ug/l	96
40) Benzene	8.607	78	132267	4.961	ug/l	93

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/10/2023

Quant Time: May 09 13:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	12711	4.617	ug/l #	77
42) 1,2-Dichloroethane	8.672	62	46192	5.167	ug/l	100
43) Isopropyl Acetate	8.695	43	43335	4.905	ug/l	97
44) Trichloroethene	9.354	130	33196	4.740	ug/l	87
45) 1,2-Dichloropropane	9.624	63	32166	5.247	ug/l	98
46) Dibromomethane	9.713	93	24939	5.230	ug/l	99
47) Bromodichloromethane	9.889	83	45299	4.864	ug/l #	97
48) Methyl methacrylate	9.683	41	20970	5.057	ug/l	94
49) 1,4-Dioxane	9.695	88	12565	101.886	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	132806	25.550	ug/l	99
52) Toluene	10.630	92	84152	4.746	ug/l	94
53) t-1,3-Dichloropropene	10.842	75	39829	4.389	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	48651	4.712	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	33938	4.936	ug/l #	82
56) Ethyl methacrylate	10.871	69	39703	4.579	ug/l	95
57) 1,3-Dichloropropane	11.166	76	54452	4.927	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	87272	25.376	ug/l	98
59) 2-Hexanone	11.195	43	93752	25.521	ug/l	99
60) Dibromochloromethane	11.360	129	31776	4.655	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32626	4.827	ug/l	94
64) Tetrachloroethene	11.101	164	25564	4.764	ug/l	90
65) Chlorobenzene	11.889	112	95046	5.128	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.960	131	33031	4.946	ug/l	96
67) Ethyl Benzene	11.965	91	157945	4.854	ug/l	91
68) m/p-Xylenes	12.071	106	126298	9.803	ug/l	98
69) o-Xylene	12.401	106	61165	4.736	ug/l	96
70) Styrene	12.413	104	94639	4.785	ug/l	99
71) Bromoform	12.577	173	17833	4.401	ug/l #	99
73) Isopropylbenzene	12.701	105	156804	5.121	ug/l	99
74) N-amyl acetate	12.501	43	32644	4.830	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	44965	5.341	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	37348m	5.524	ug/l	
77) Bromobenzene	12.983	156	35790	5.277	ug/l	92
78) n-propylbenzene	13.036	91	163869	4.985	ug/l	100
79) 2-Chlorotoluene	13.130	91	105053	5.018	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	111112	4.743	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	9462	4.253	ug/l #	86
82) 4-Chlorotoluene	13.224	91	96652	4.923	ug/l	96
83) tert-Butylbenzene	13.442	119	107664	4.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	101243	4.599	ug/l	97
85) sec-Butylbenzene	13.618	105	140594	4.744	ug/l	98
86) p-Isopropyltoluene	13.730	119	106539	4.598	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	54634	4.635	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	58768	5.015	ug/l	92
89) n-Butylbenzene	14.059	91	81126	4.418	ug/l	96
90) Hexachloroethane	14.336	117	22752	5.120	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	57092	4.872	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	7329	4.920	ug/l	98
93) 1,2,4-Trichlorobenzene	15.401	180	12865	6.915	ug/l	93
94) Hexachlorobutadiene	15.501	225	12735	5.086	ug/l	90
95) Naphthalene	15.642	128	34154	6.523	ug/l	96
96) 1,2,3-Trichlorobenzene	15.836	180	12037	6.849	ug/l	96

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Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

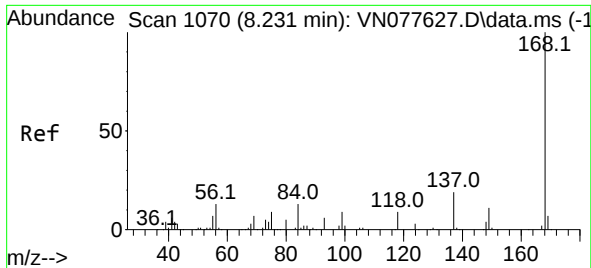
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/10/2023

Quant Time: May 09 13:26:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
Quant Title : SW846 8260
QLast Update : Tue May 09 13:25:20 2023
Response via : Initial Calibration

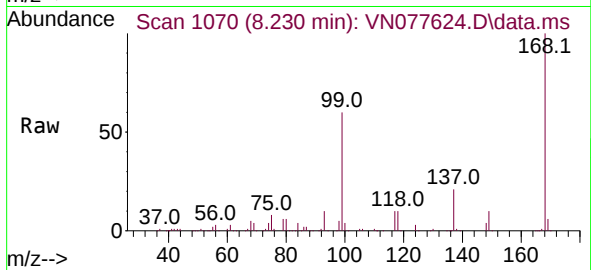
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

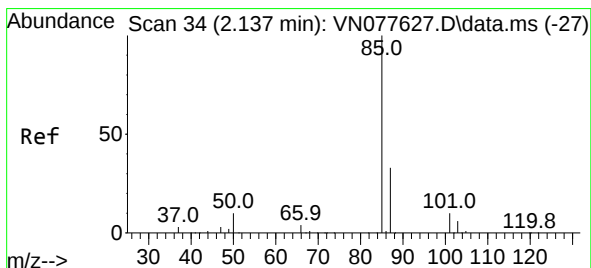
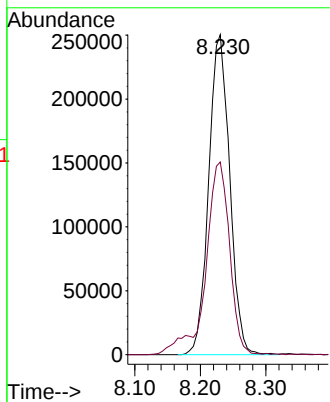
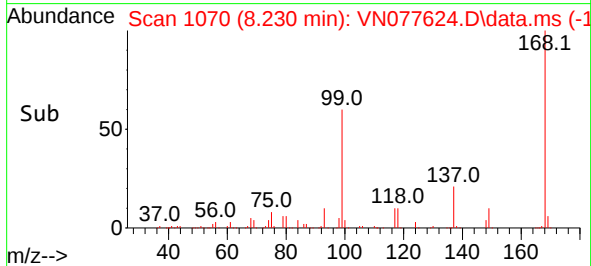
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 557008
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6

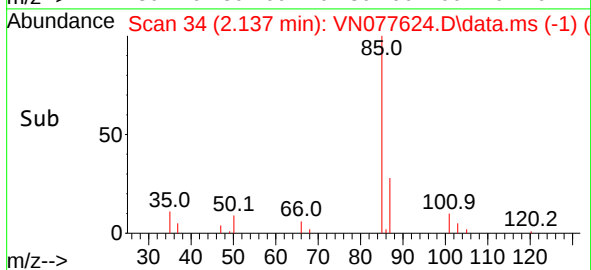
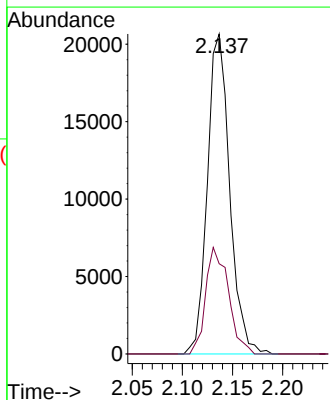
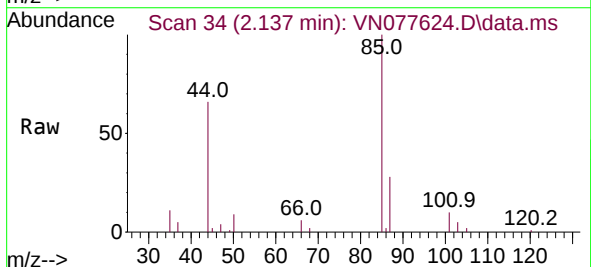
Manual Integrations
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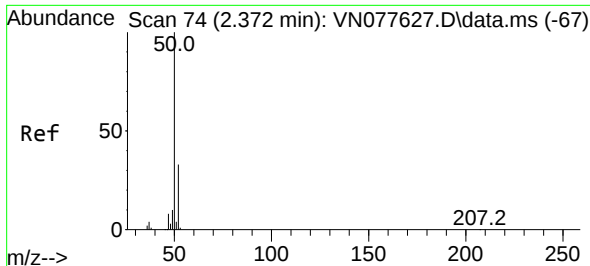
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#2
Dichlorodifluoromethane
Concen: 5.145 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

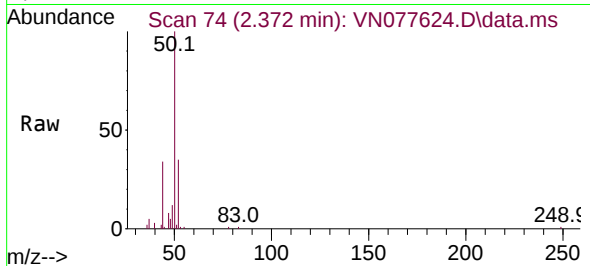
Tgt Ion: 85 Resp: 32037
Ion Ratio Lower Upper
85 100
87 28.2 15.8 47.4





#3
Chloromethane
Concen: 4.656 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

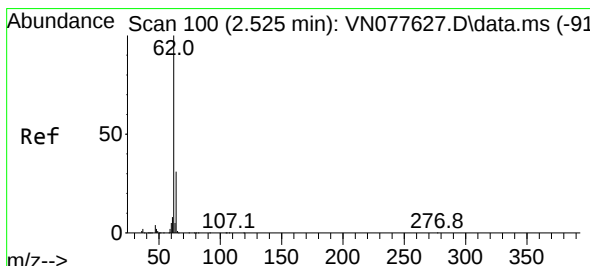
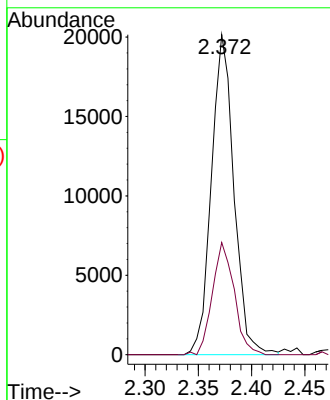
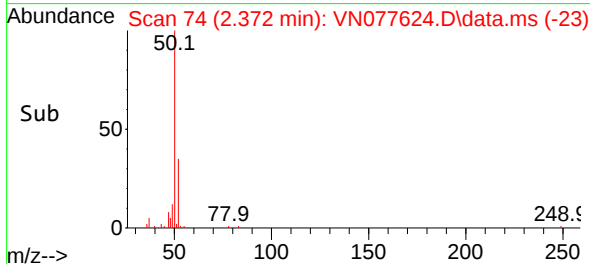
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



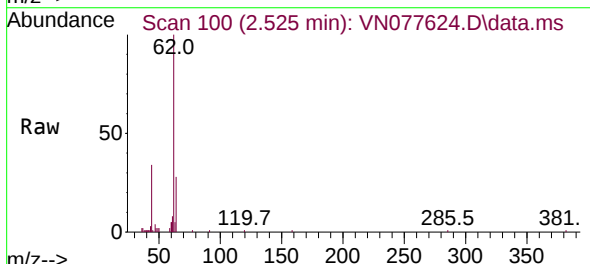
Tgt Ion: 50 Resp: 2969
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

Manual Integrations
APPROVED

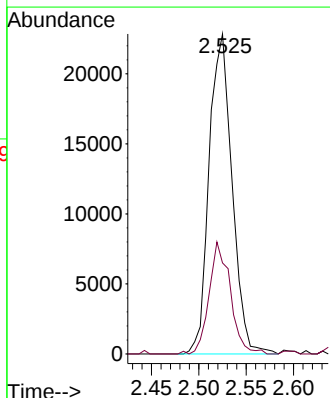
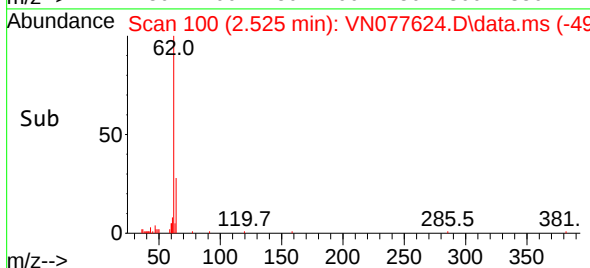
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

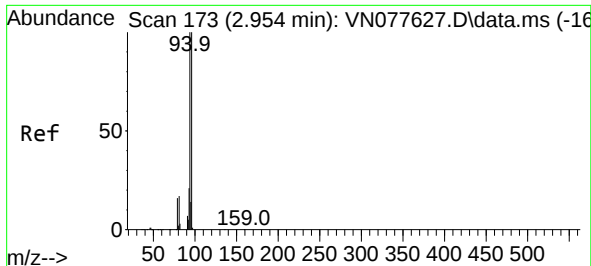


#4
Vinyl Chloride
Concen: 5.187 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



Tgt Ion: 62 Resp: 38527
Ion Ratio Lower Upper
62 100
64 28.4 26.2 39.2





#5

Bromomethane

Concen: 5.833 ug/l

RT: 2.948 min Scan# 172

Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 94 Resp: 3439

Ion Ratio Lower Upper

94 100

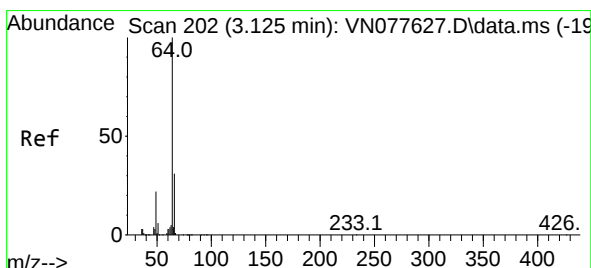
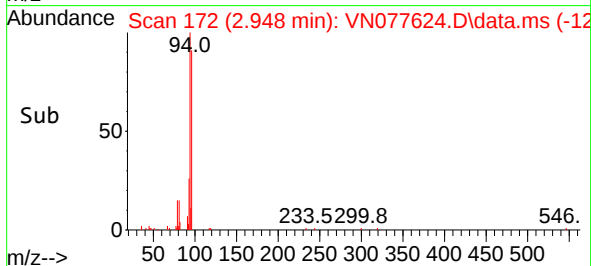
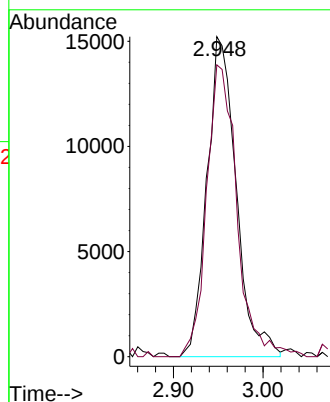
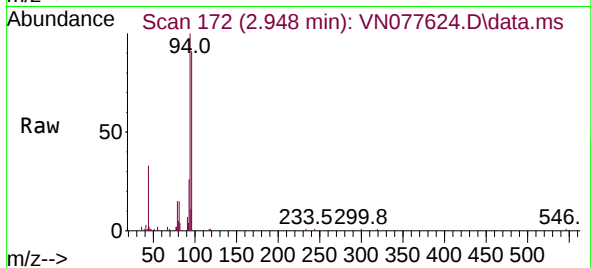
96 91.2 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#6

Chloroethane

Concen: 5.212 ug/l

RT: 3.125 min Scan# 202

Delta R.T. -0.000 min

Lab File: VN077624.D

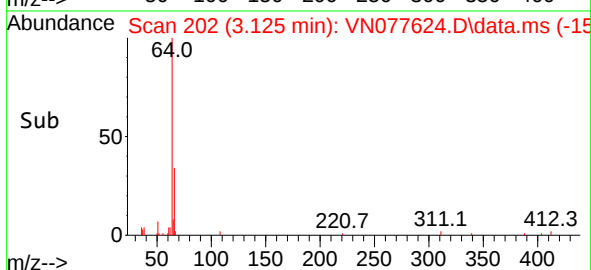
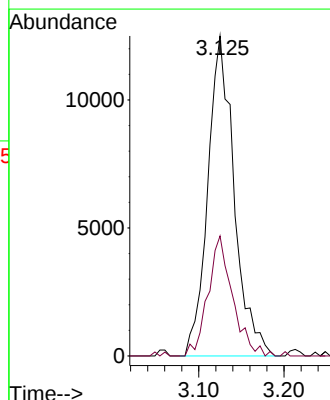
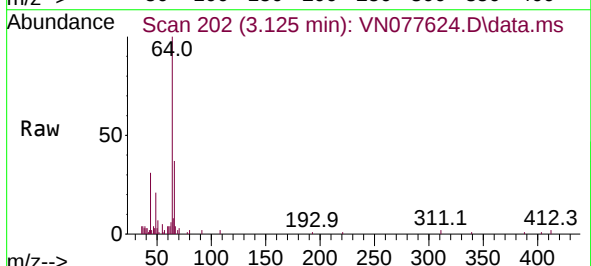
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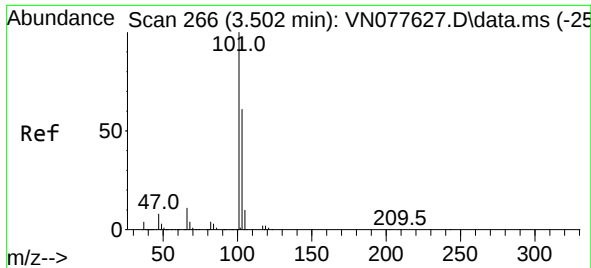
Tgt Ion: 64 Resp: 26845

Ion Ratio Lower Upper

64 100

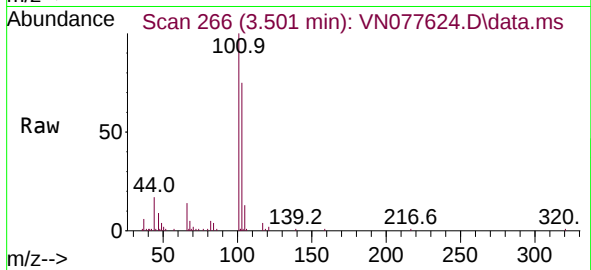
66 37.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 5.675 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58

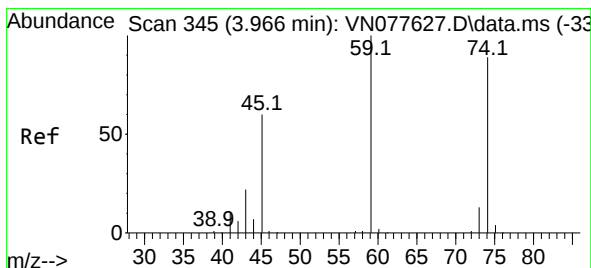
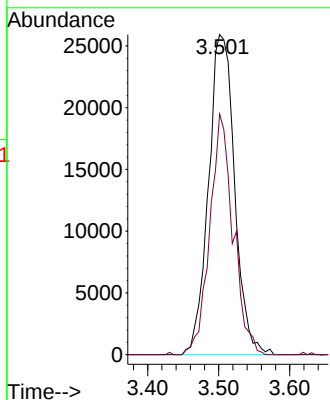
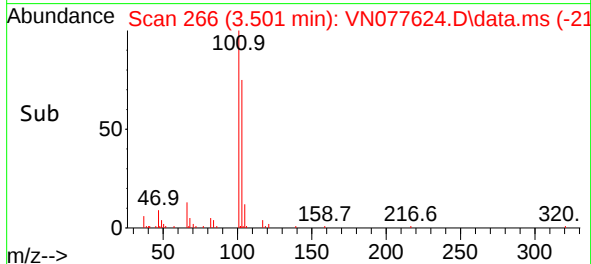
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



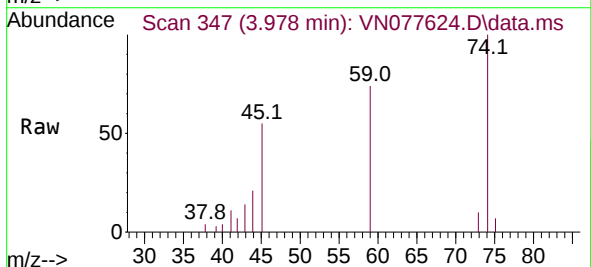
Tgt Ion:101 Resp: 66078
 Ion Ratio Lower Upper
 101 100
 103 75.2 50.7 76.1

Manual Integrations
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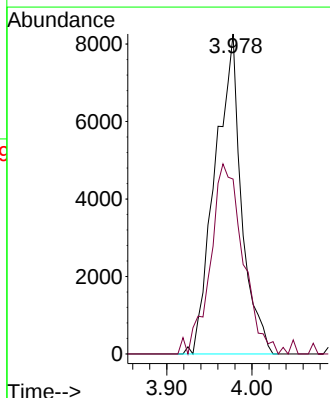
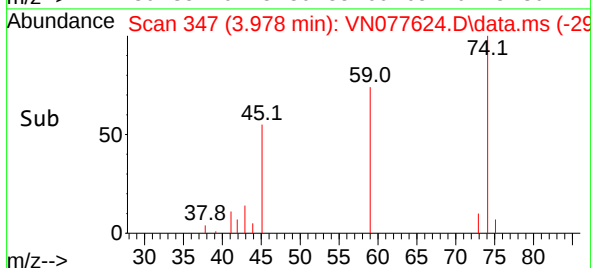
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

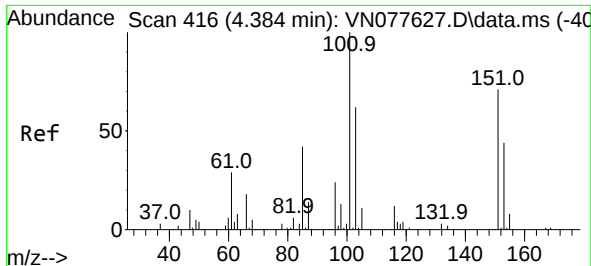


#8
 Diethyl Ether
 Concen: 5.225 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.012 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58



Tgt Ion: 74 Resp: 17886
 Ion Ratio Lower Upper
 74 100
 45 72.6 34.4 103.3





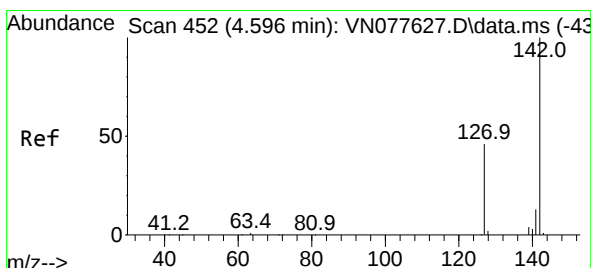
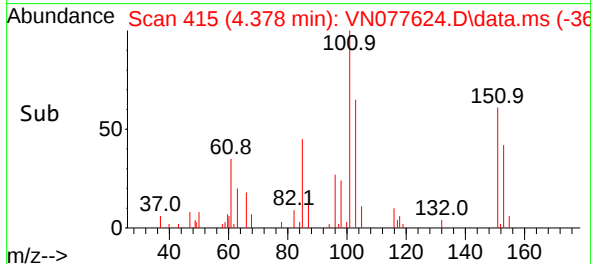
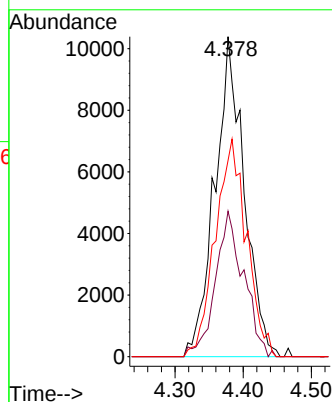
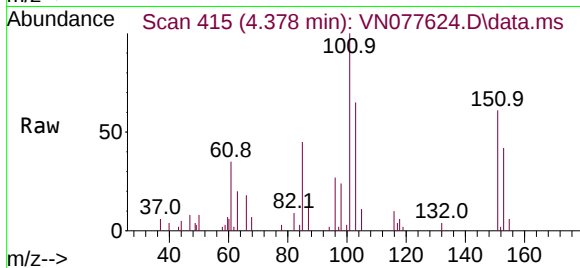
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.347 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3110
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 72.6 57.6 86.4

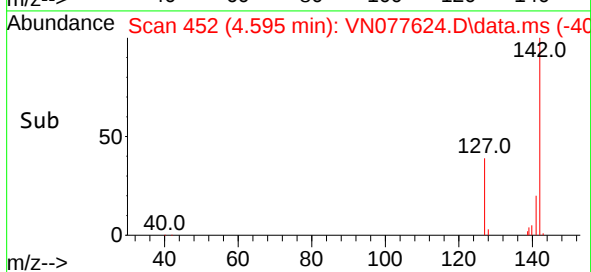
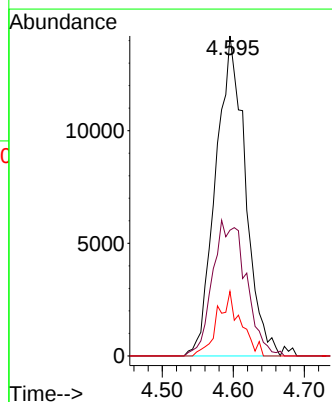
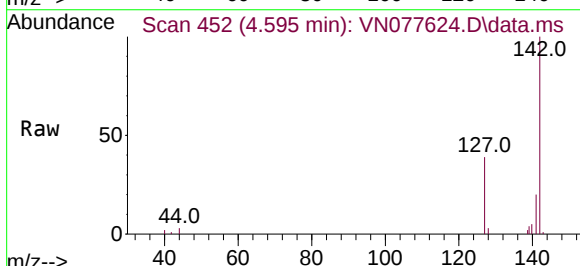
Manual Integrations
APPROVED

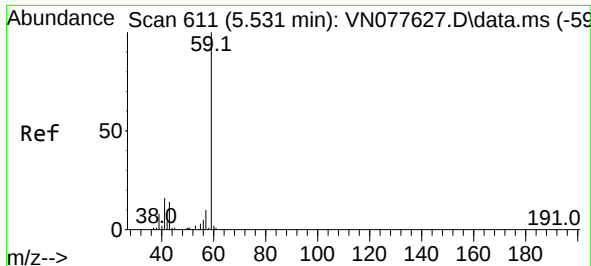
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 4.794 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

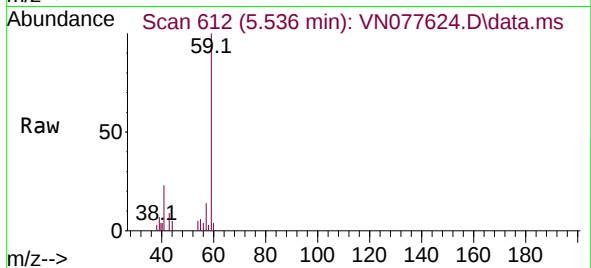
Tgt Ion:142 Resp: 41173
Ion Ratio Lower Upper
142 100
127 39.3 37.6 56.4
141 20.2 11.4 17.0#





#11
Tert butyl alcohol
Concen: 25.537 ug/l
RT: 5.536 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

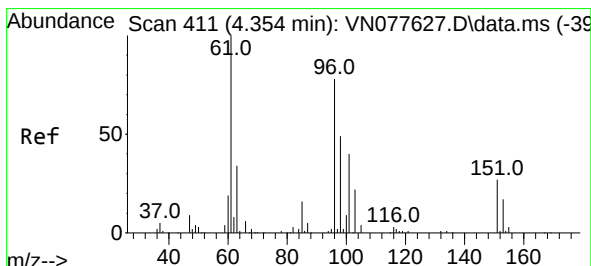
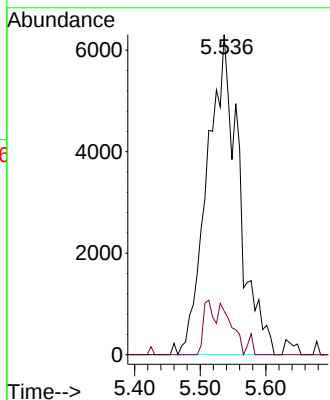
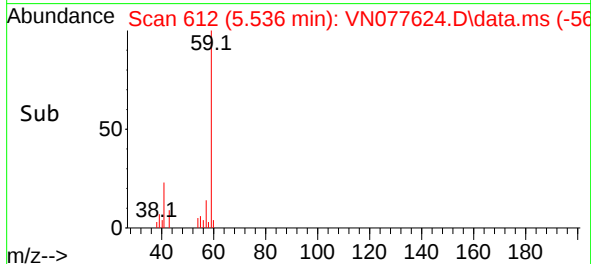
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



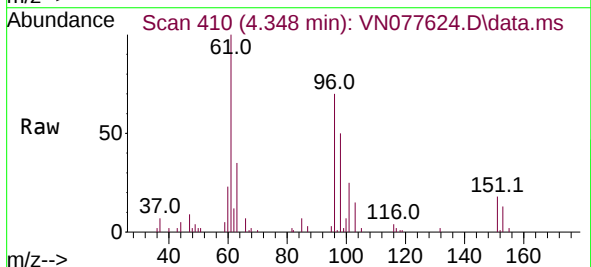
Tgt Ion: 59 Resp: 2122
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.4

Manual Integrations
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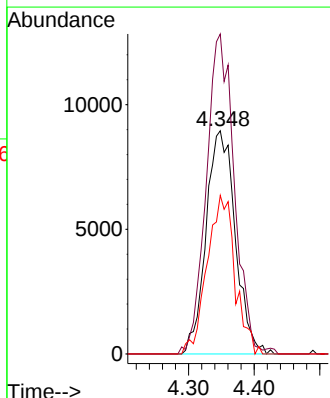
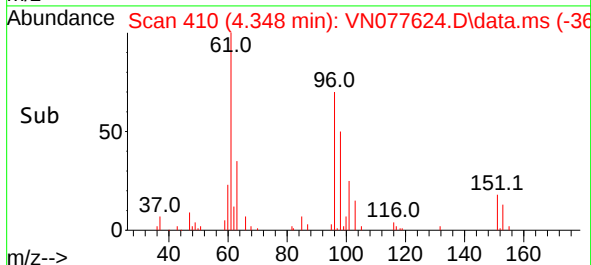
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

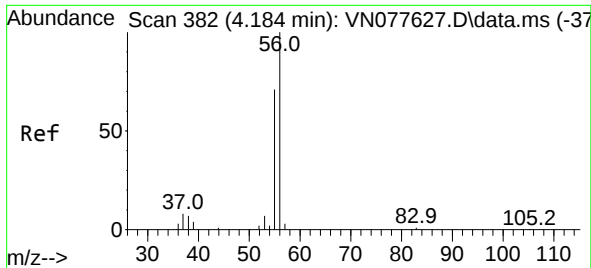


#12
1,1-Dichloroethene
Concen: 5.016 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



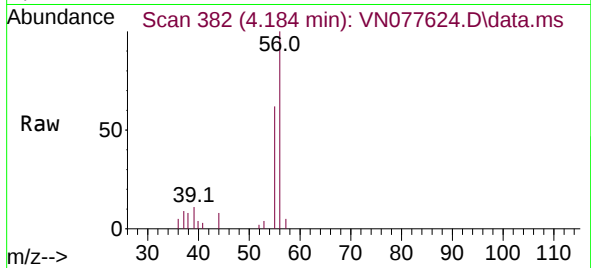
Tgt Ion: 96 Resp: 27726
Ion Ratio Lower Upper
96 100
61 143.3 112.7 169.1
98 71.0 51.2 76.8





#13
Acrolein
Concen: 30.058 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

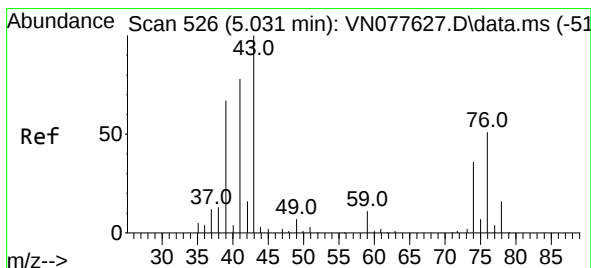
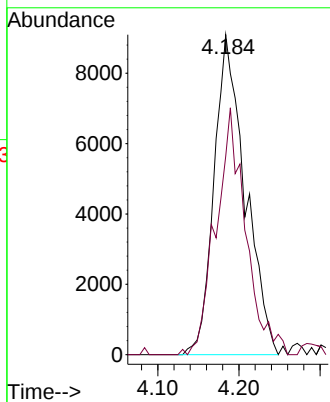
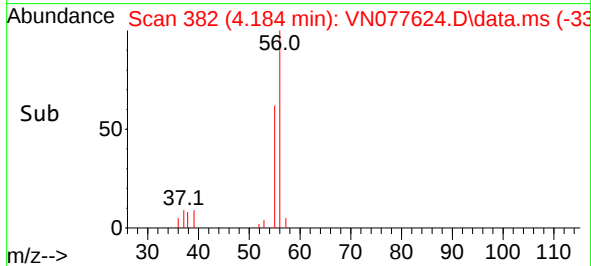
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



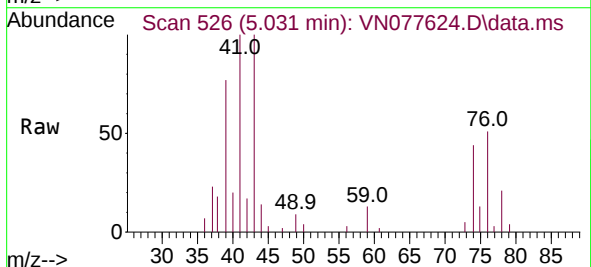
Tgt Ion: 56 Resp: 24209
Ion Ratio Lower Upper
56 100
55 73.9 54.5 81.7

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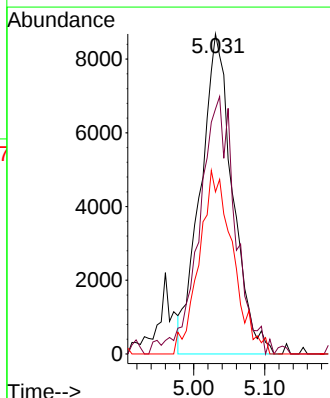
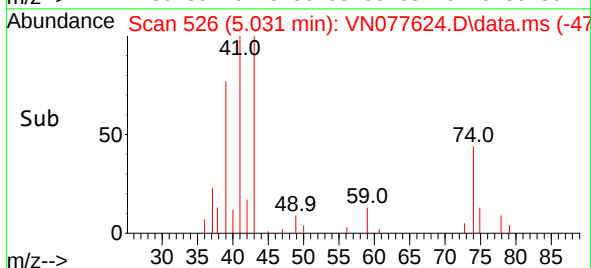
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

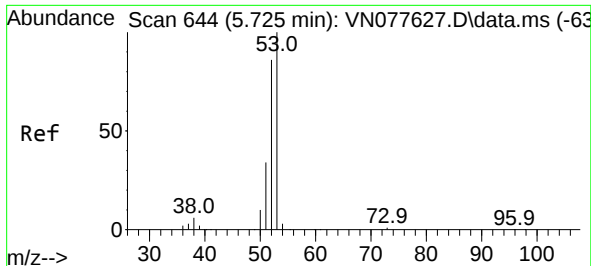


#14
Allyl chloride
Concen: 4.983 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



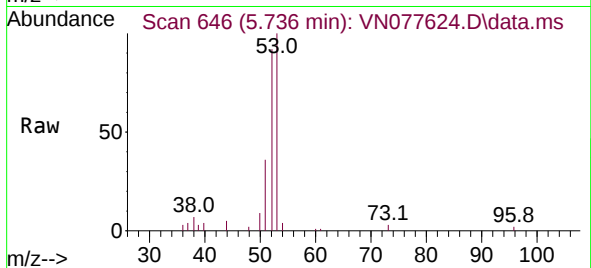
Tgt Ion: 41 Resp: 27357
Ion Ratio Lower Upper
41 100
39 88.6 58.8 88.2#
76 59.8 39.1 58.7#





#15
Acrylonitrile
Concen: 25.660 ug/l
RT: 5.736 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

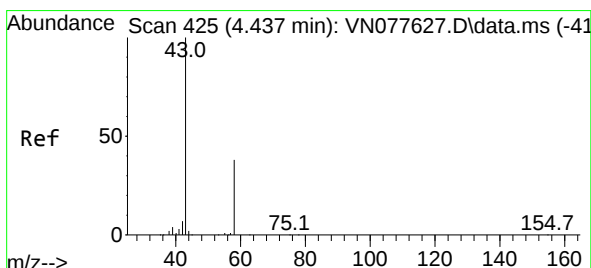
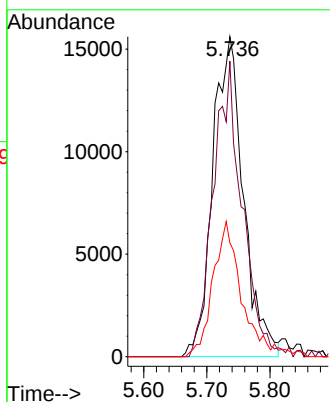
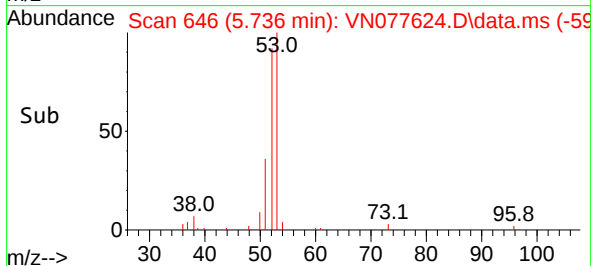
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 5274
Ion Ratio Lower Upper
53 100
52 86.7 65.3 97.9
51 39.7 28.9 43.3

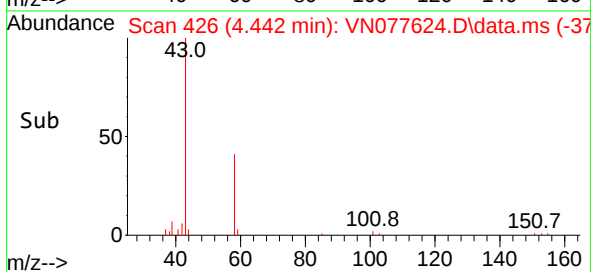
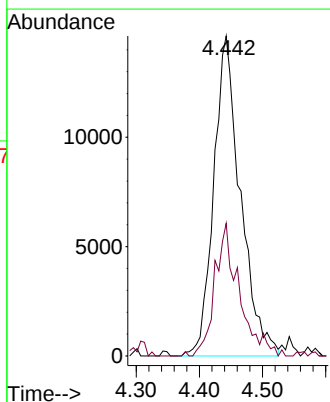
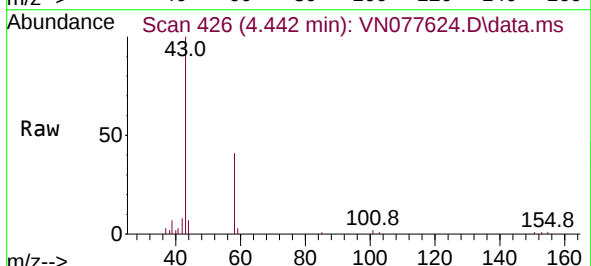
Manual Integrations
APPROVED

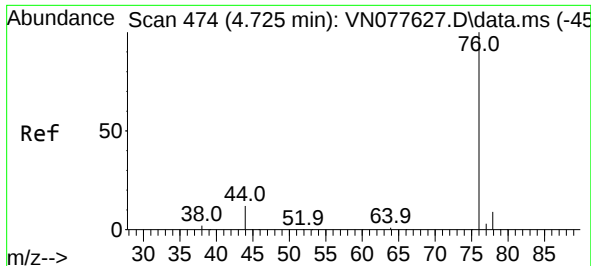
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#16
Acetone
Concen: 25.548 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 43 Resp: 42984
Ion Ratio Lower Upper
43 100
58 41.5 28.0 42.0





#17

Carbon Disulfide

Concen: 5.014 ug/l

RT: 4.719 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 6665

Ion Ratio Lower Upper

76 100

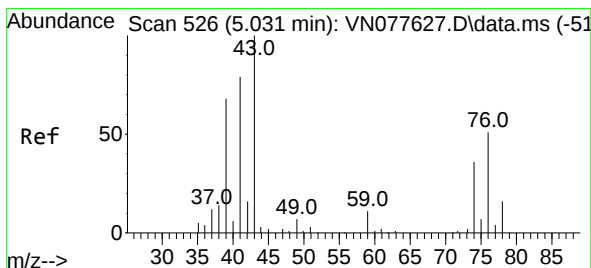
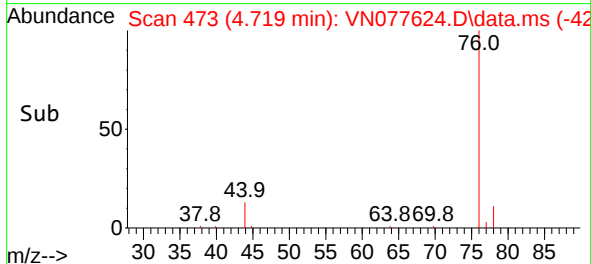
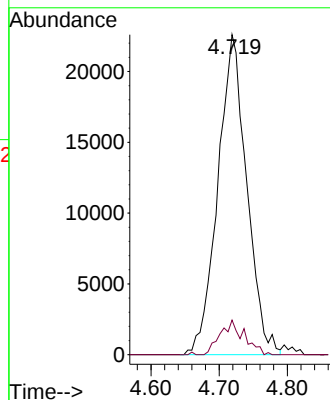
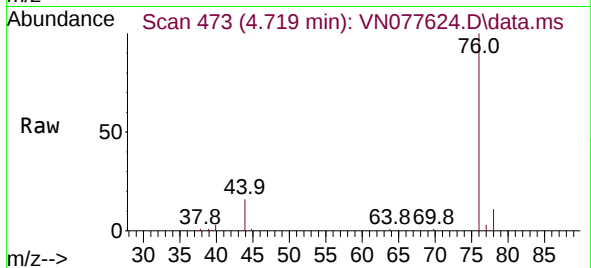
78 10.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#18

Methyl Acetate

Concen: 5.266 ug/l

RT: 5.042 min Scan# 528

Delta R.T. 0.012 min

Lab File: VN077624.D

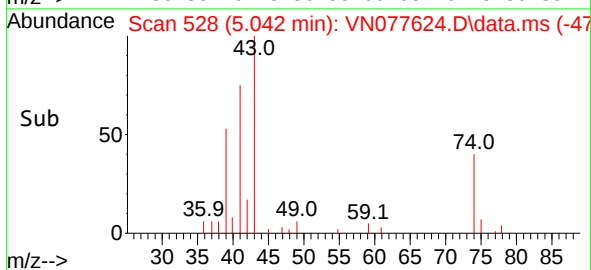
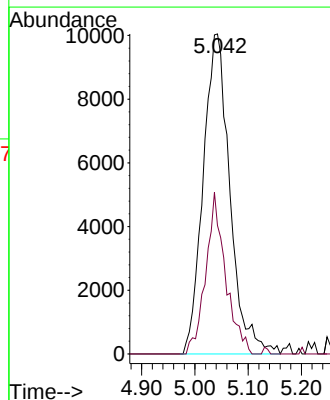
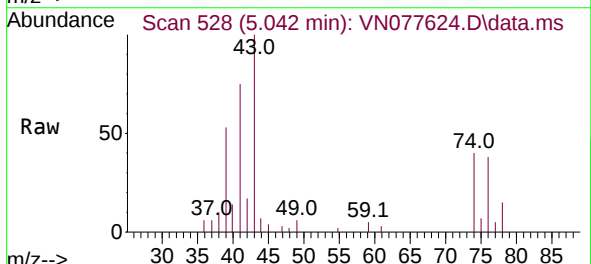
Acq: 09 May 2023 10:58

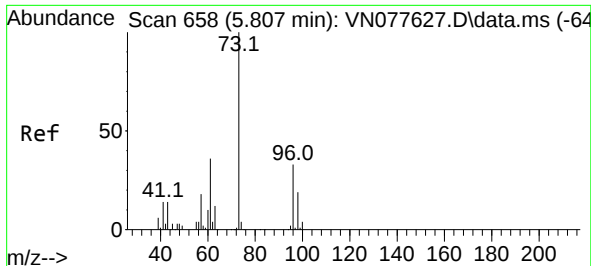
Tgt Ion: 43 Resp: 35020

Ion Ratio Lower Upper

43 100

74 37.4 26.2 39.4





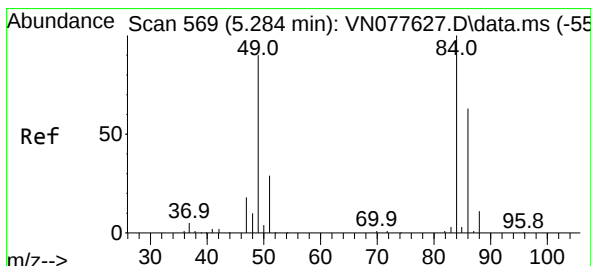
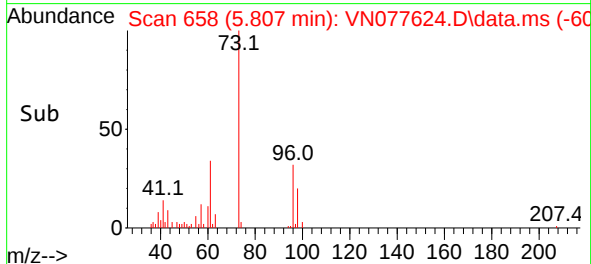
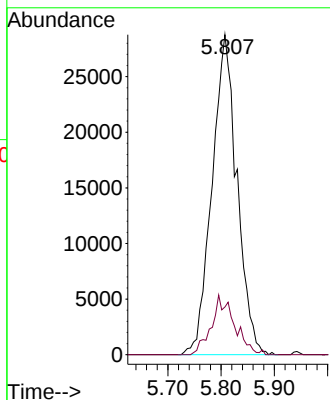
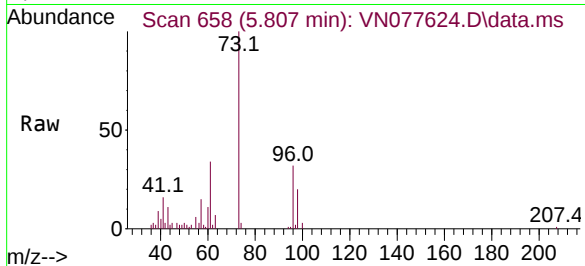
#19
Methyl tert-butyl Ether
Concen: 5.147 ug/l
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 93629
Ion Ratio Lower Upper
73 100
57 14.9 15.6 23.4

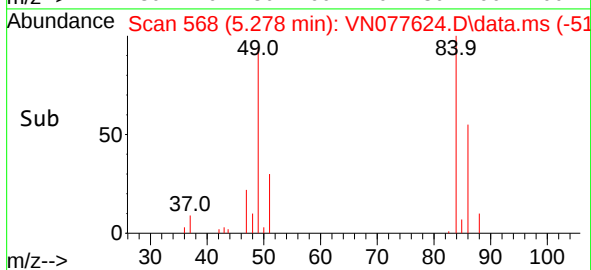
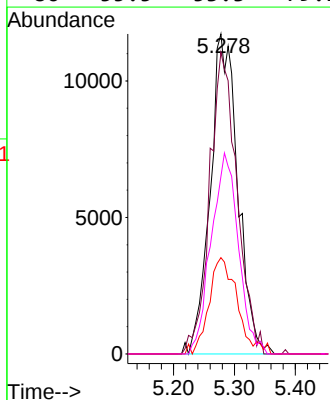
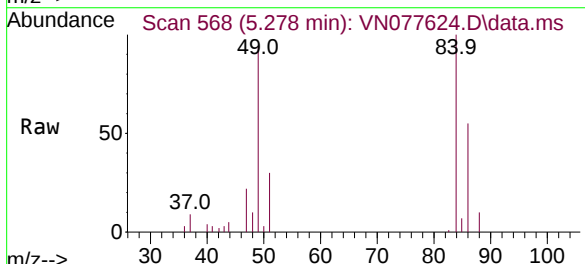
Manual Integrations
APPROVED

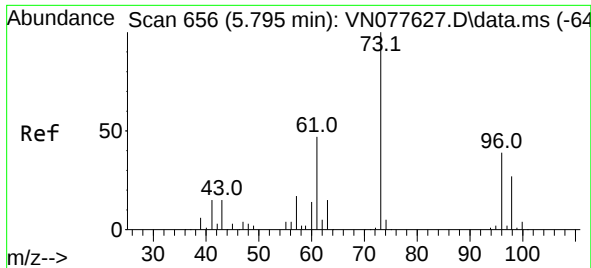
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#20
Methylene Chloride
Concen: 5.323 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

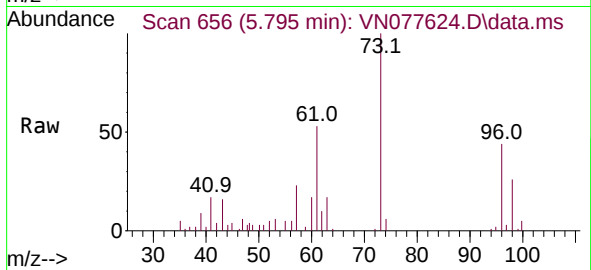
Tgt Ion: 84 Resp: 37003
Ion Ratio Lower Upper
84 100
49 94.3 79.7 119.5
51 30.1 25.2 37.8
86 55.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 4.916 ug/l
RT: 5.795 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

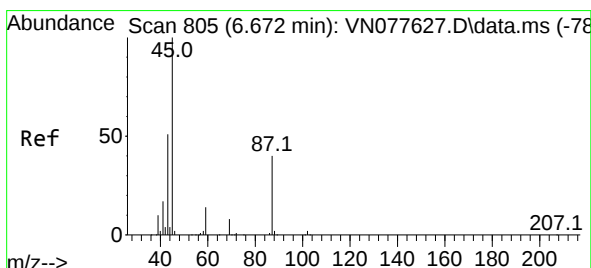
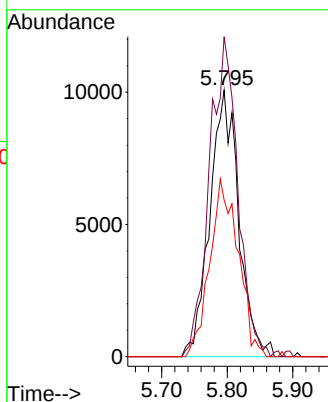
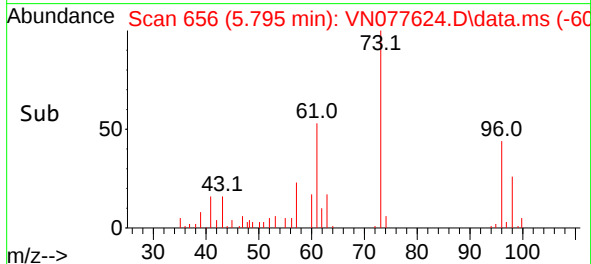
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



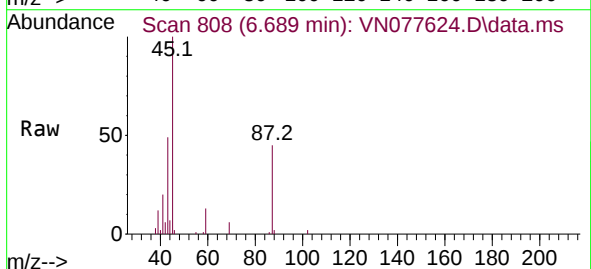
Tgt Ion: 96 Resp: 30730
Ion Ratio Lower Upper
96 100
61 120.1 90.1 135.1
98 58.8 46.4 69.6

Manual Integrations
APPROVED

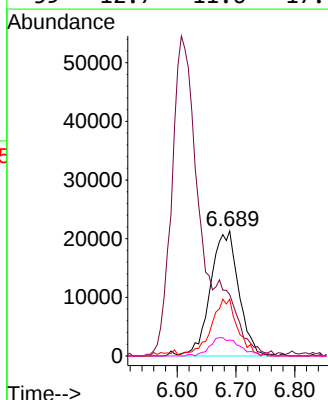
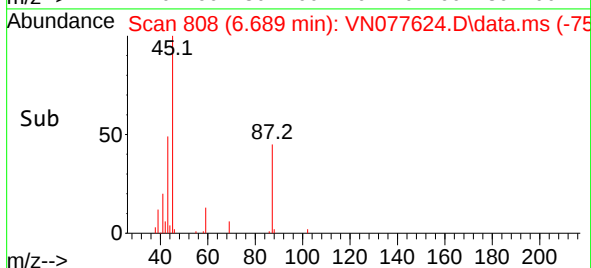
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

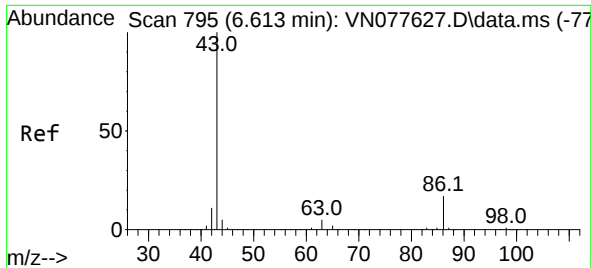


#22
Diisopropyl ether
Concen: 5.230 ug/l
RT: 6.689 min Scan# 808
Delta R.T. 0.017 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



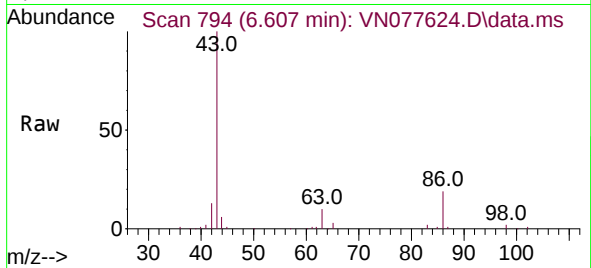
Tgt Ion: 45 Resp: 70886
Ion Ratio Lower Upper
45 100
43 46.6 45.5 68.3
87 45.3 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 25.215 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58

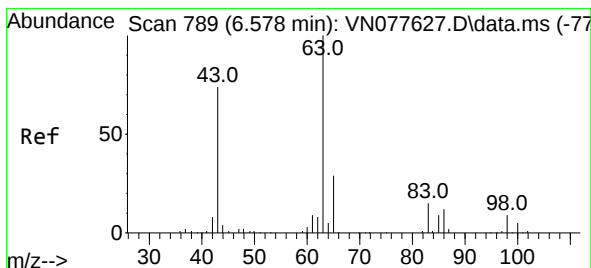
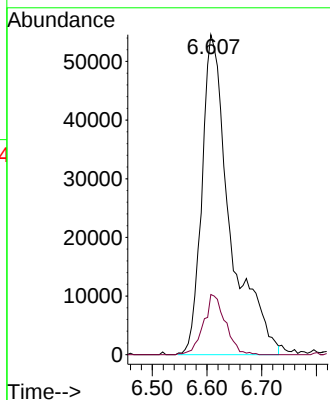
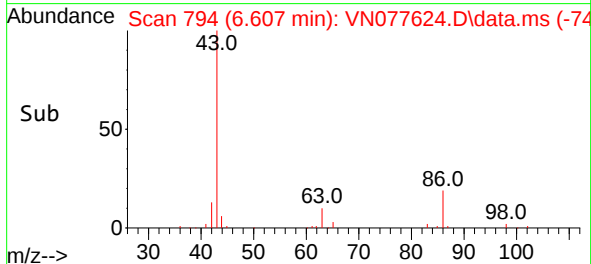
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



Tgt Ion: 43 Resp: 195029
 Ion Ratio Lower Upper
 43 100
 86 18.8 13.0 19.6

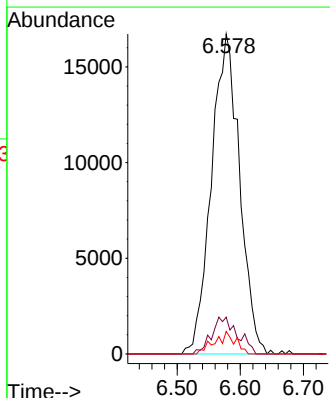
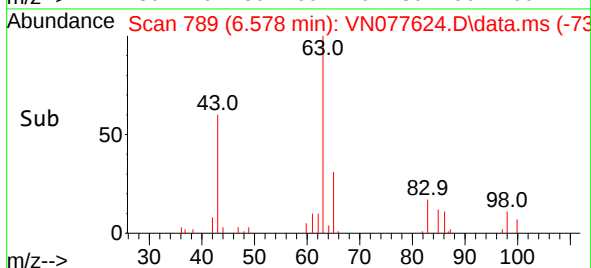
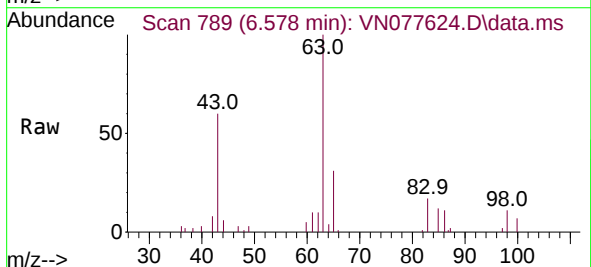
Manual Integrations
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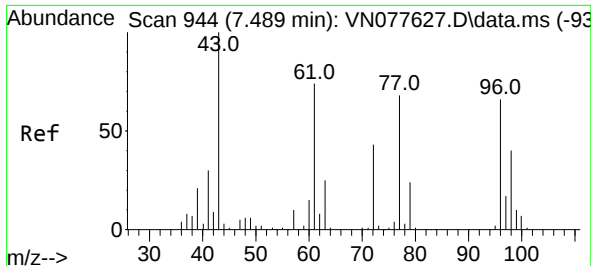
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#24
 1,1-Dichloroethane
 Concen: 5.049 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58

Tgt Ion: 63 Resp: 51876
 Ion Ratio Lower Upper
 63 100
 98 11.5 3.9 11.7
 100 7.0 2.5 7.4





#25

2-Butanone

Concen: 25.626 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 6283

Ion Ratio Lower Upper

43 100

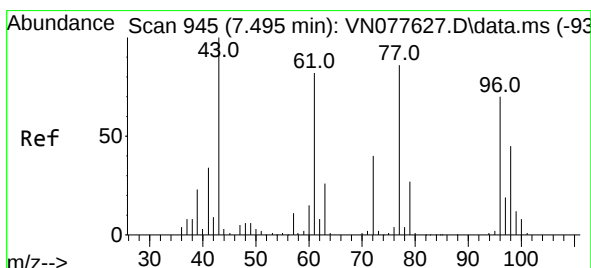
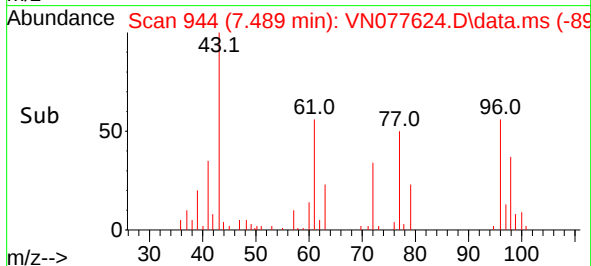
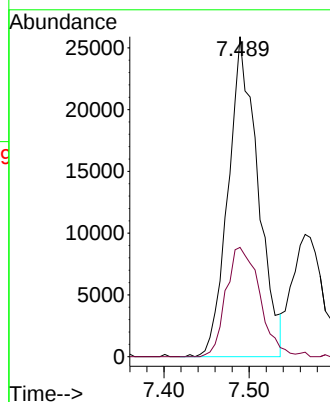
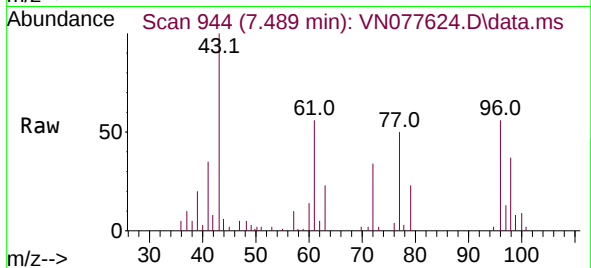
72 34.1 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#26

2,2-Dichloropropane

Concen: 4.774 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.006 min

Lab File: VN077624.D

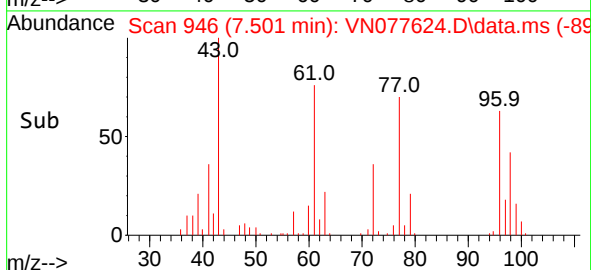
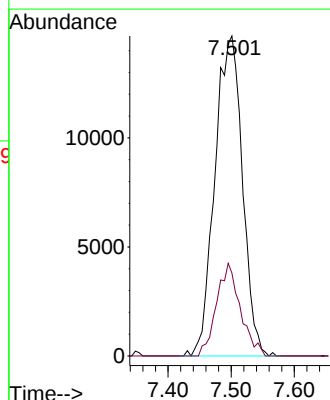
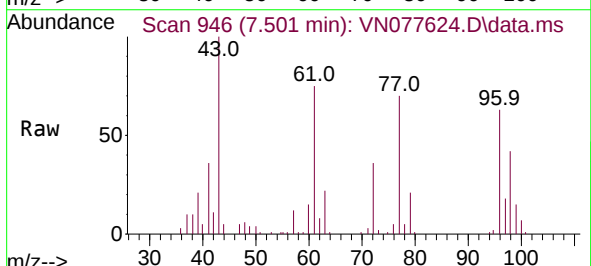
Acq: 09 May 2023 10:58

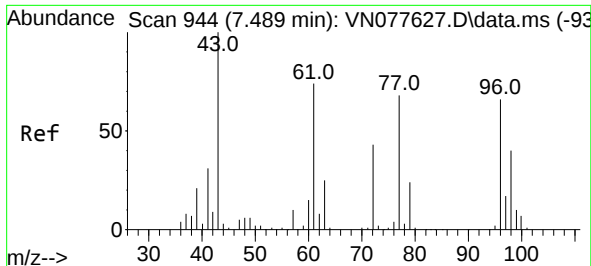
Tgt Ion: 77 Resp: 44459

Ion Ratio Lower Upper

77 100

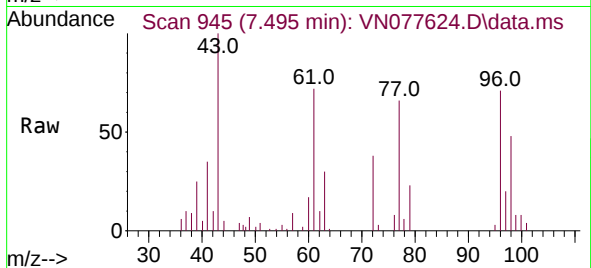
97 25.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 5.266 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

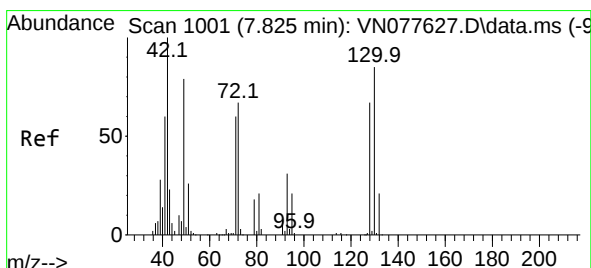
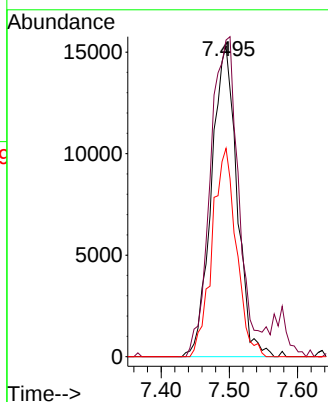
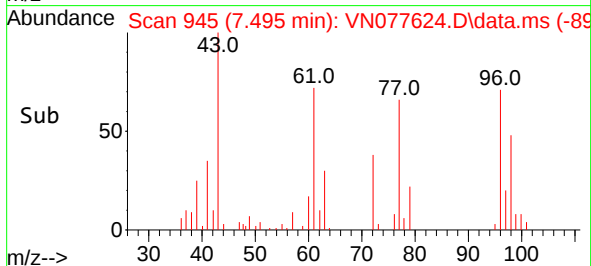
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 4005
Ion Ratio Lower Upper
96 100
61 113.0 0.0 255.2
98 63.5 0.0 128.8

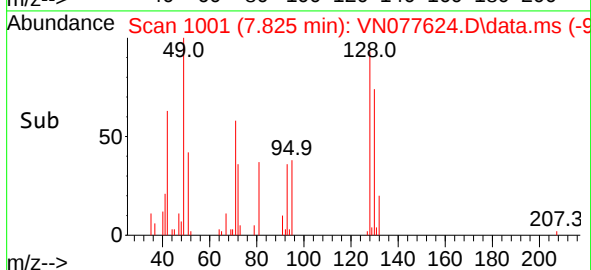
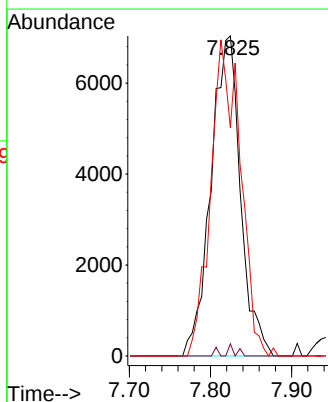
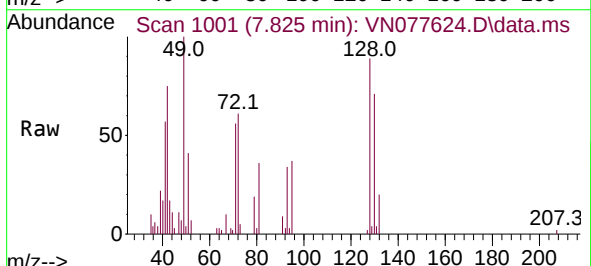
Manual Integrations
APPROVED

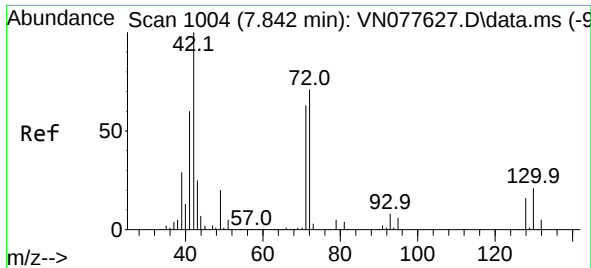
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#28
Bromochloromethane
Concen: 4.753 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 49 Resp: 17821
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 0.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 25.484 ug/l

RT: 7.836 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

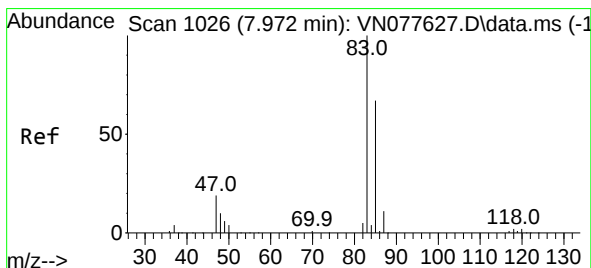
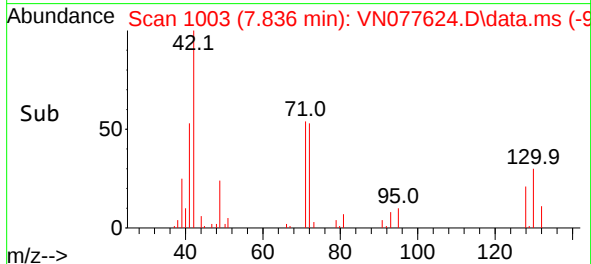
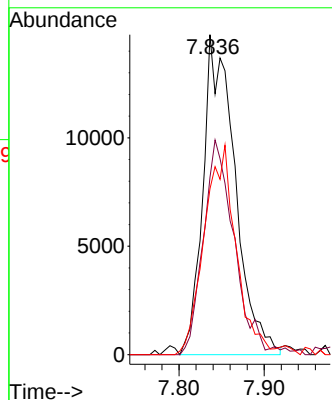
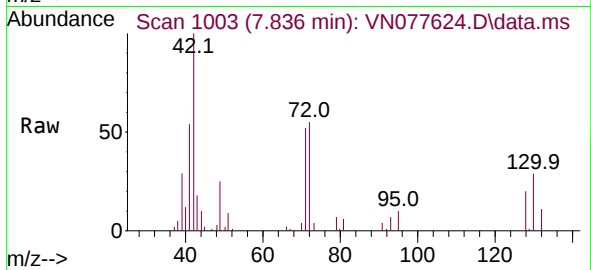
Tgt Ion: 42	Resp: 3838
Ion Ratio	Lower Upper
42	100
72	64.0 49.8 74.6
71	64.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#30

Chloroform

Concen: 5.010 ug/l

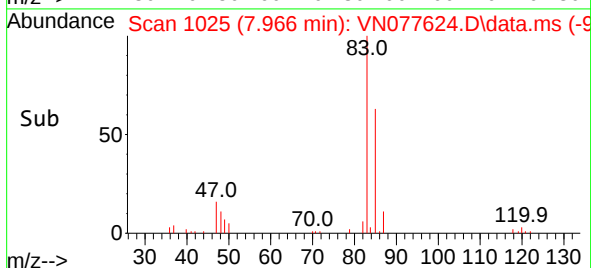
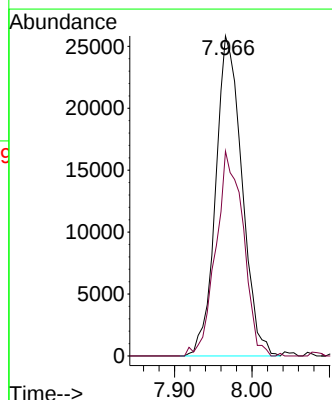
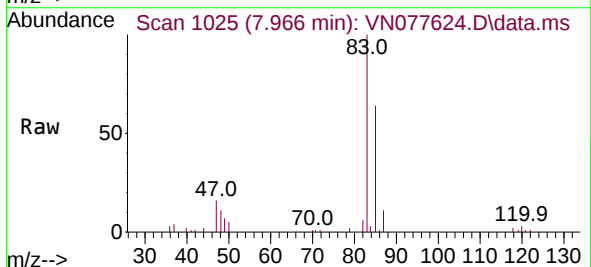
RT: 7.966 min Scan# 1025

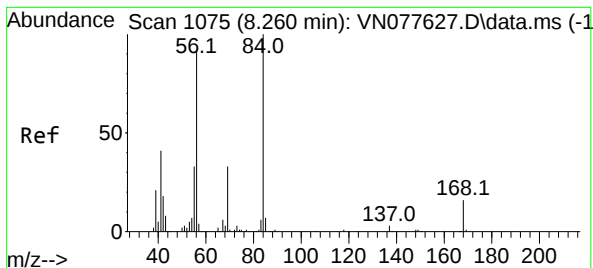
Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion: 83	Resp: 61012
Ion Ratio	Lower Upper
83	100
85	64.0 55.4 83.0





#31

Cyclohexane

Concen: 6.001 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

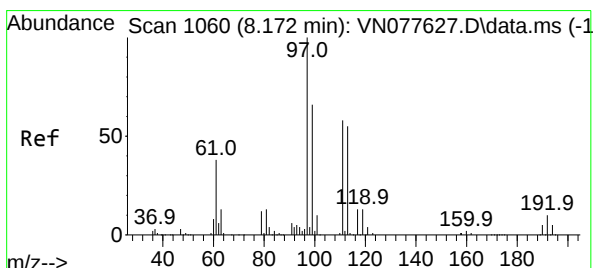
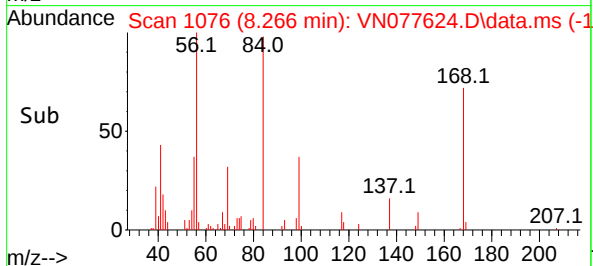
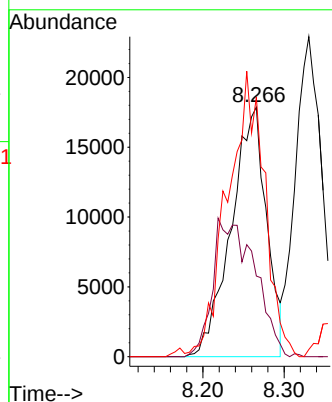
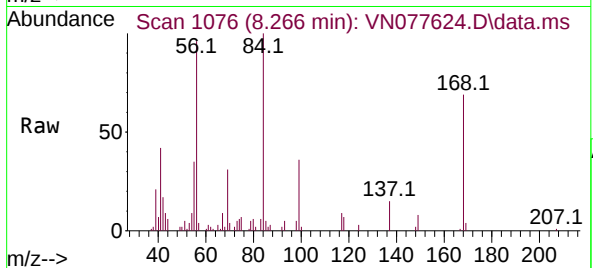
Tgt Ion:	56	Resp:	54174
Ion Ratio	Lower	Upper	
56	100		
69	32.3	26.8	40.2
84	100.6	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#32

1,1,1-Trichloroethane

Concen: 4.919 ug/l

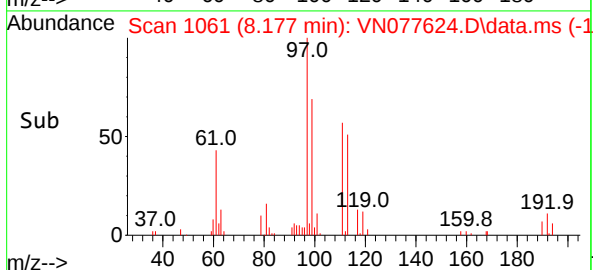
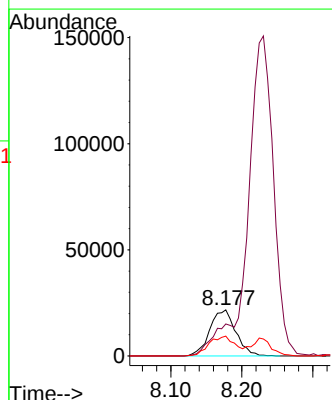
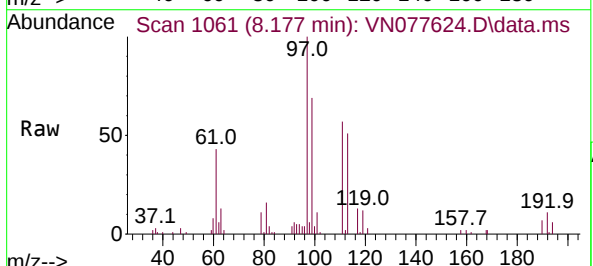
RT: 8.177 min Scan# 1061

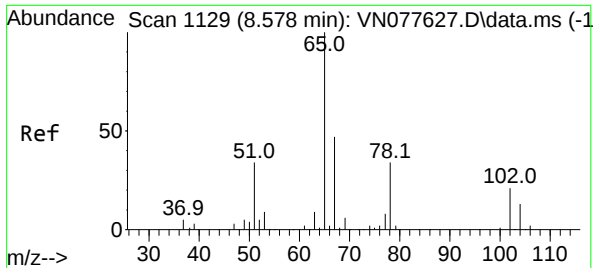
Delta R.T. 0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion:	97	Resp:	55154
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.3	75.5
61	43.1	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 5.528 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 39050

Ion Ratio Lower Upper

65 100

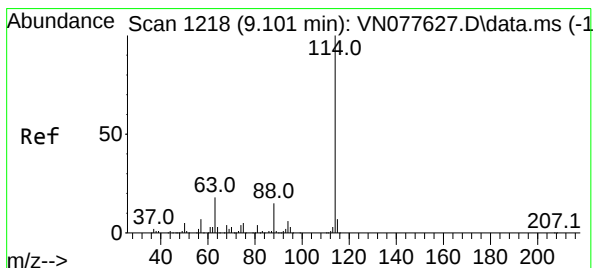
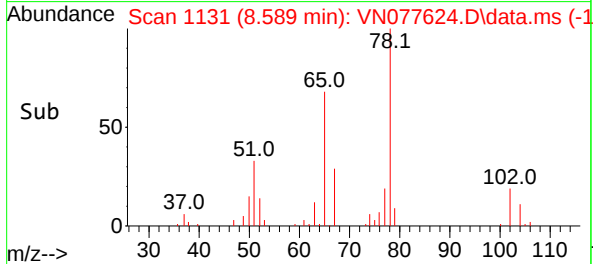
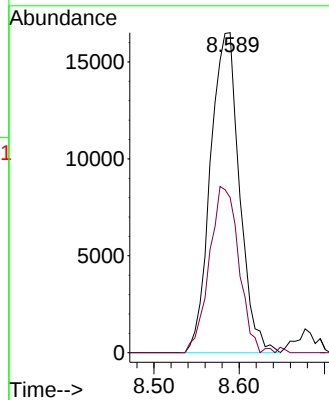
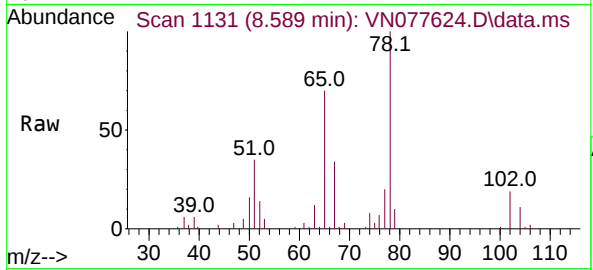
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

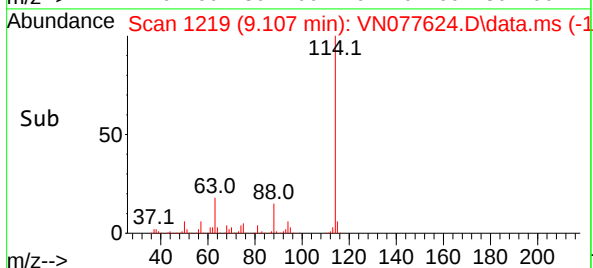
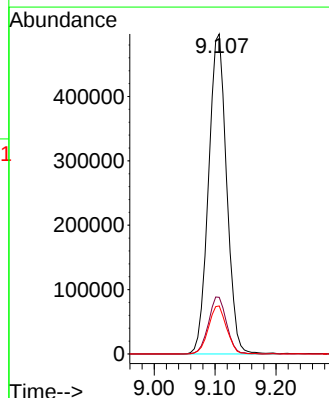
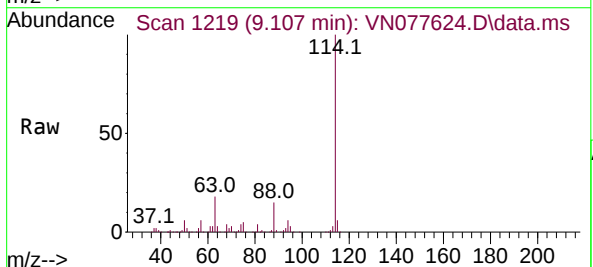
Tgt Ion:114 Resp: 1023923

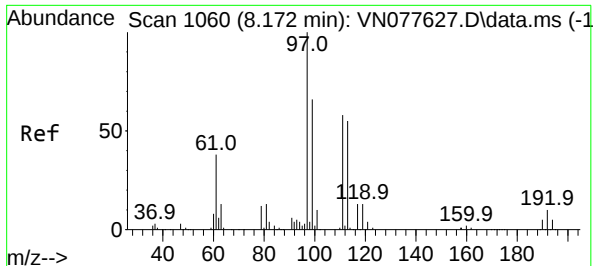
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.275 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 3368

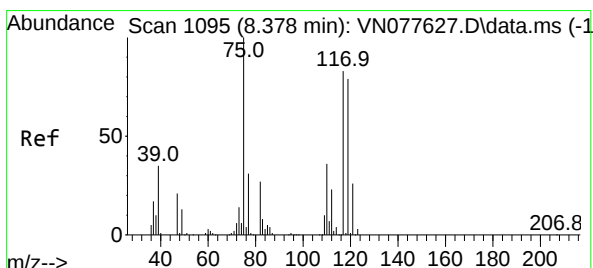
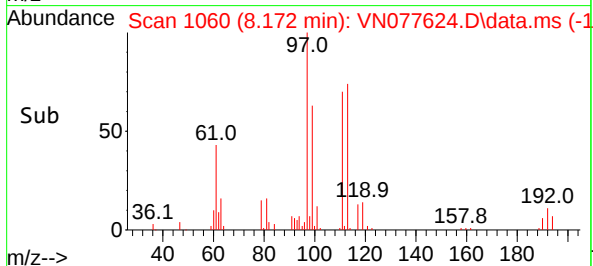
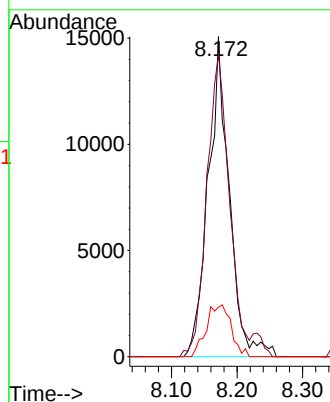
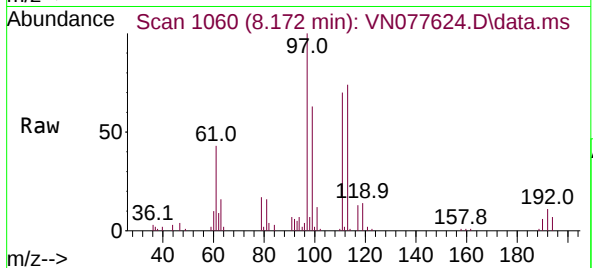
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.6	123.8
192	19.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#36

1,1-Dichloropropene

Concen: 4.637 ug/l

RT: 8.372 min Scan# 1094

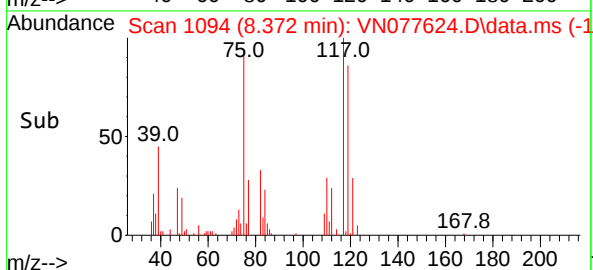
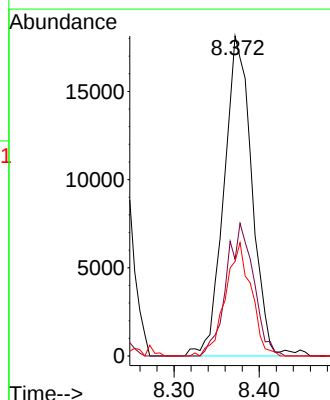
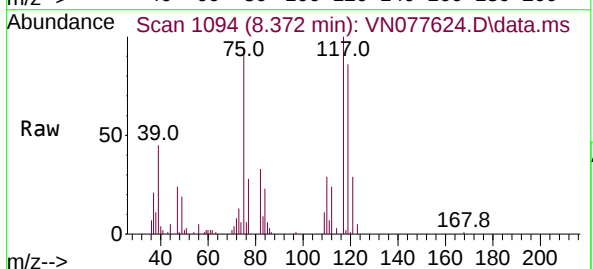
Delta R.T. -0.006 min

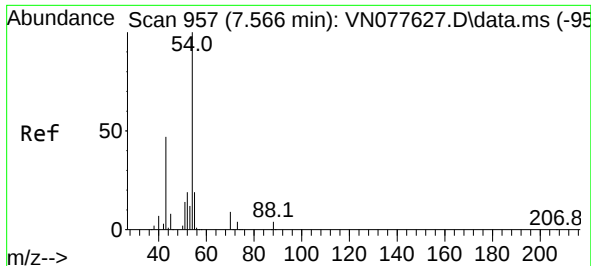
Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion: 75 Resp: 40864

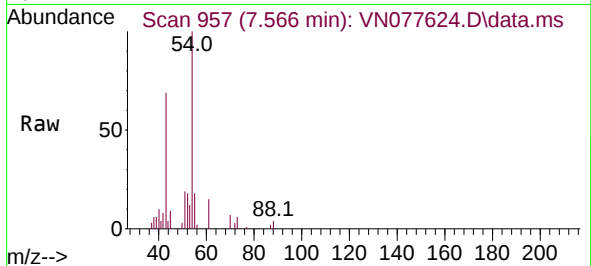
Ion	Ratio	Lower	Upper
75	100		
110	41.1	19.1	57.3
77	33.0	25.0	37.4





#37
Ethyl Acetate
Concen: 5.082 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

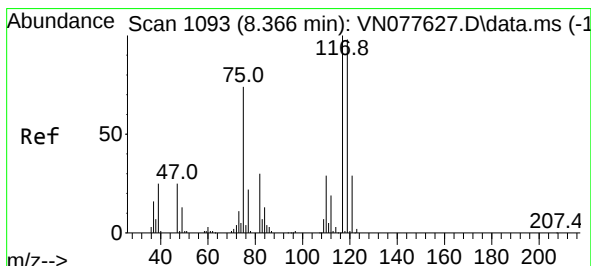
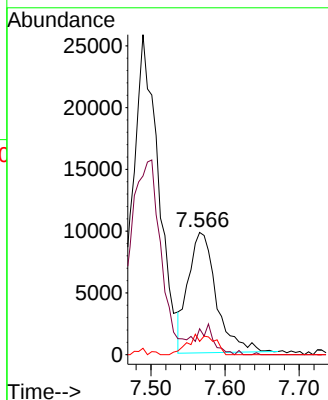
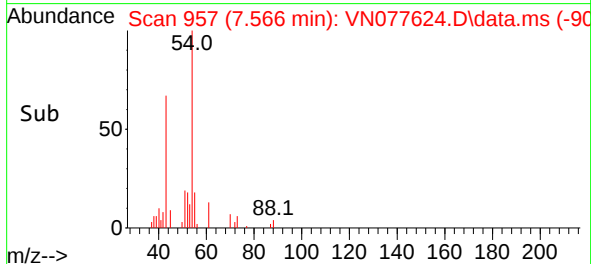
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
61 12.3 13.2 19.8
70 15.6 11.3 16.9

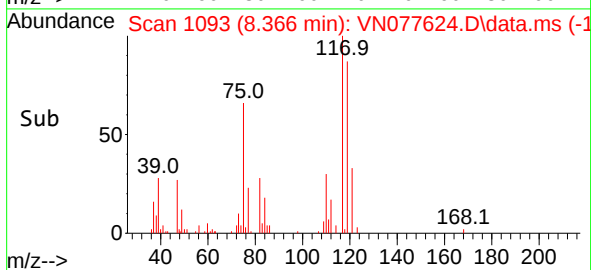
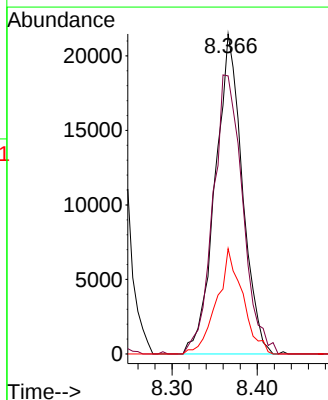
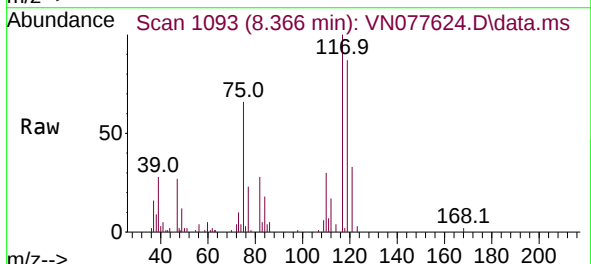
Manual Integrations
APPROVED

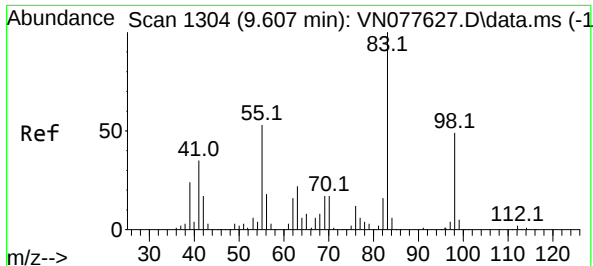
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#38
Carbon Tetrachloride
Concen: 4.934 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion:117 Resp: 47502
Ion Ratio Lower Upper
117 100
119 86.9 77.3 115.9
121 32.9 23.3 34.9





#39

Methylcyclohexane

Concen: 4.948 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

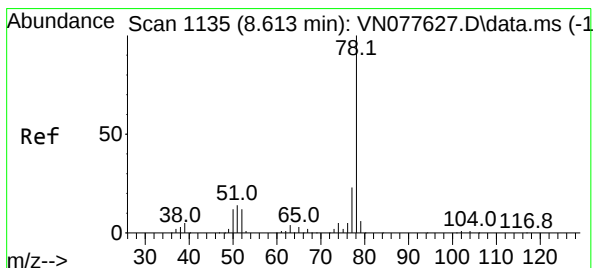
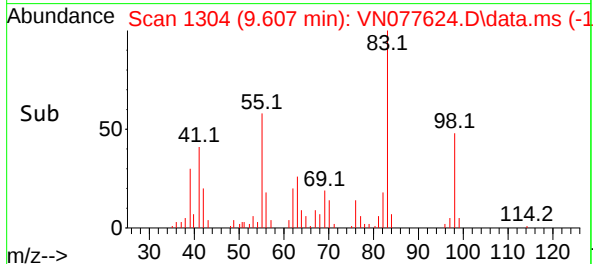
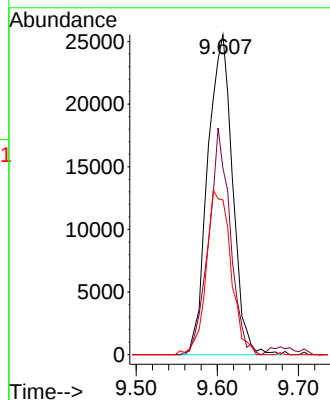
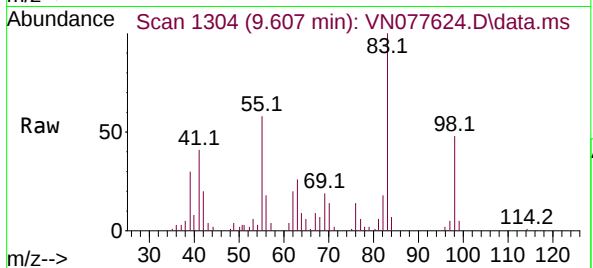
Tgt Ion	Ratio	Lower	Upper
83	100		
55	58.3	49.1	73.7
98	47.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#40

Benzene

Concen: 4.961 ug/l

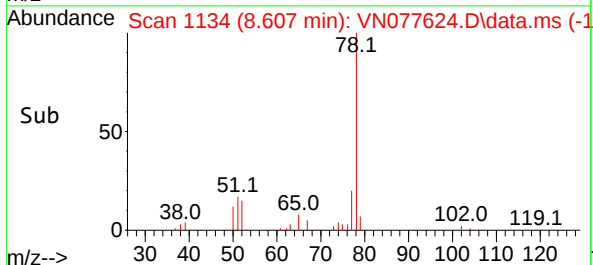
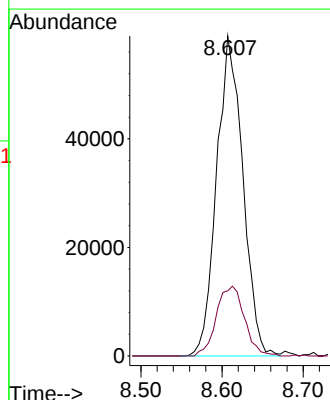
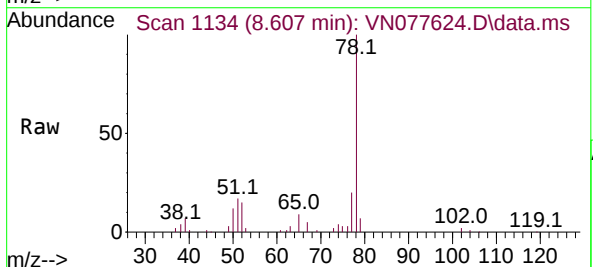
RT: 8.607 min Scan# 1134

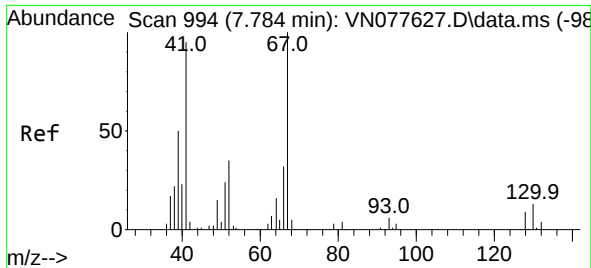
Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.4	19.0	28.6





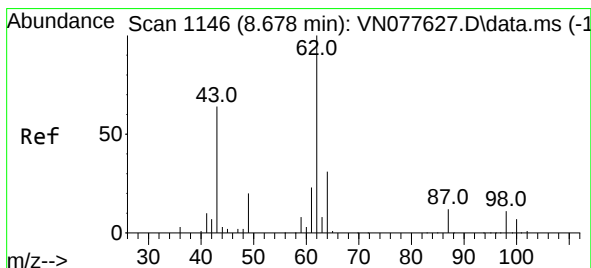
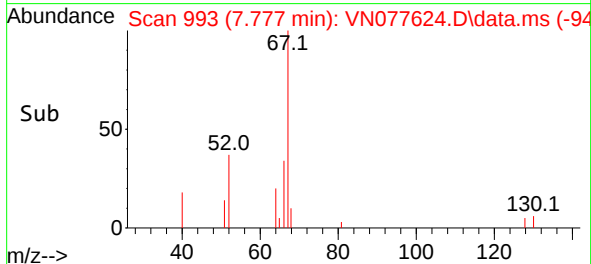
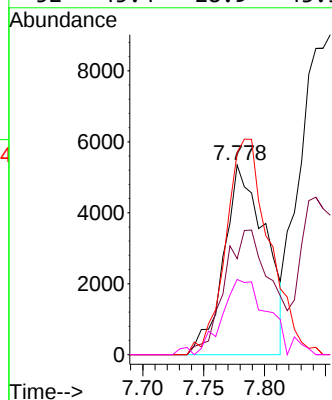
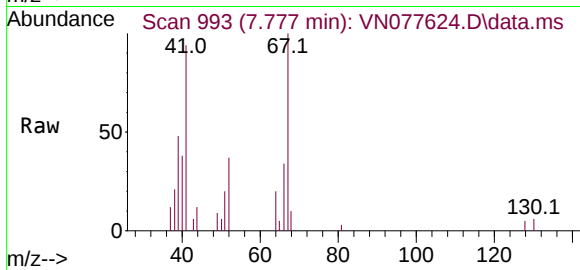
#41
Methacrylonitrile
Concen: 4.617 ug/l
RT: 7.777 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 1271
Ion Ratio Lower Upper
41 100
39 73.8 42.6 64.0
67 119.2 77.5 116.3
52 45.4 28.9 43.3

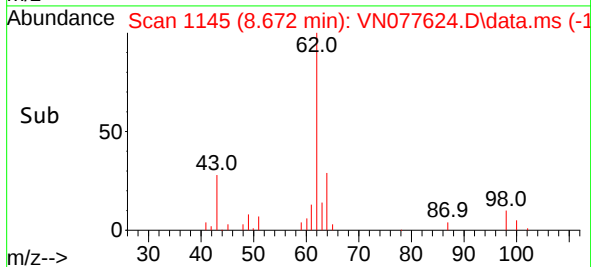
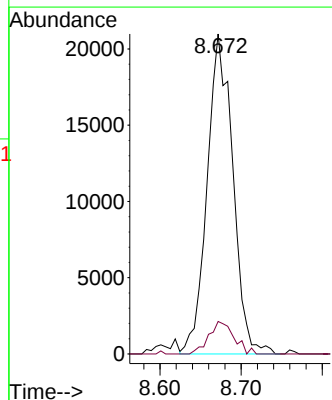
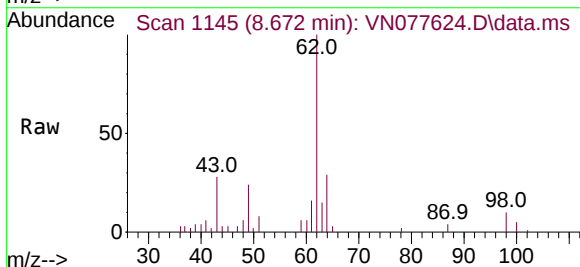
Manual Integrations
APPROVED

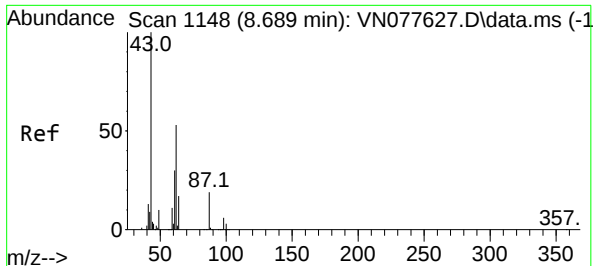
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#42
1,2-Dichloroethane
Concen: 5.167 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 62 Resp: 46192
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 4.905 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

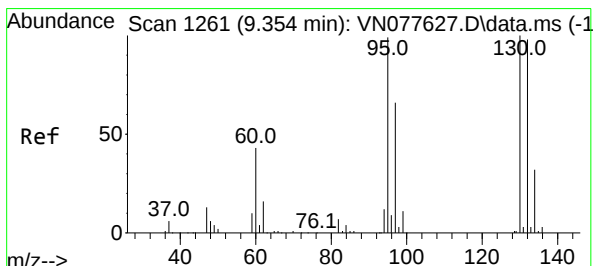
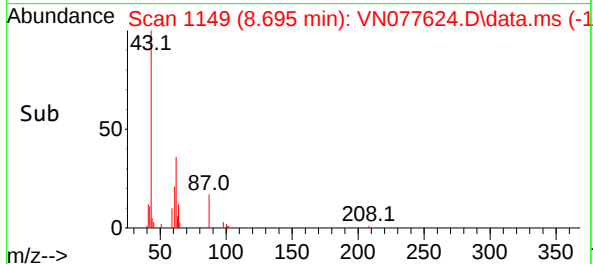
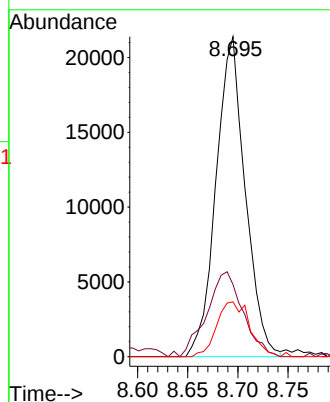
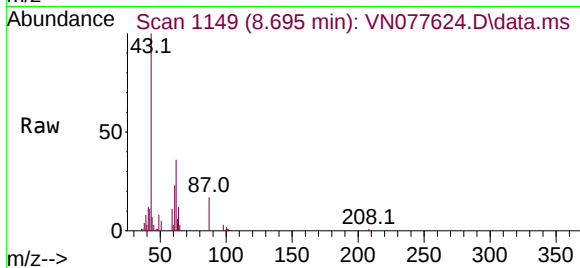
Tgt Ion: 43	Resp: 4333
Ion Ratio	Lower Upper
43	100
61	33.0 24.7 37.1
87	19.4 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#44

Trichloroethene

Concen: 4.740 ug/l

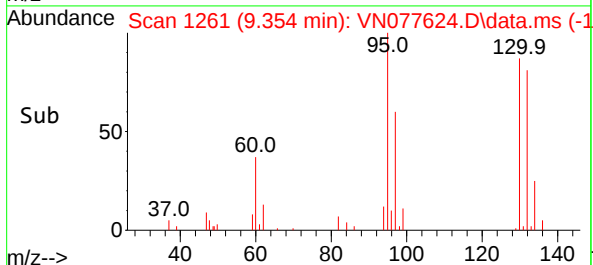
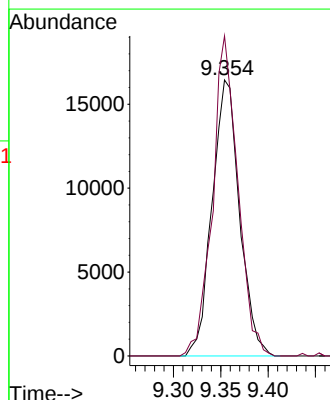
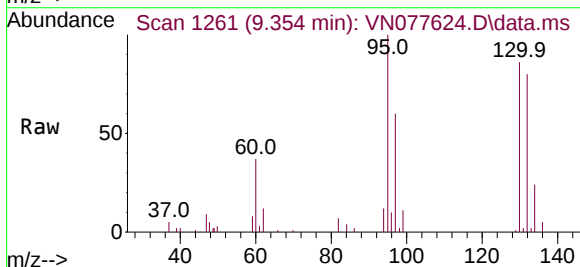
RT: 9.354 min Scan# 1261

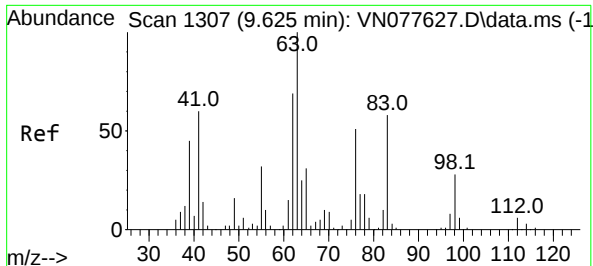
Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion:130	Resp: 33196
Ion Ratio	Lower Upper
130	100
95	116.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.247 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3216

Ion Ratio Lower Upper

63 100

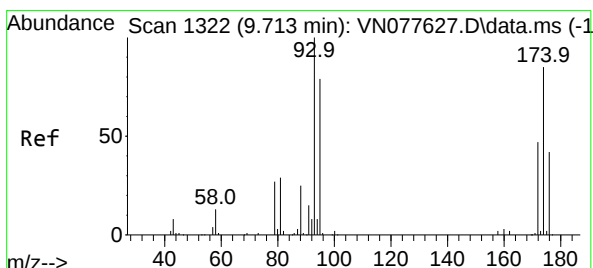
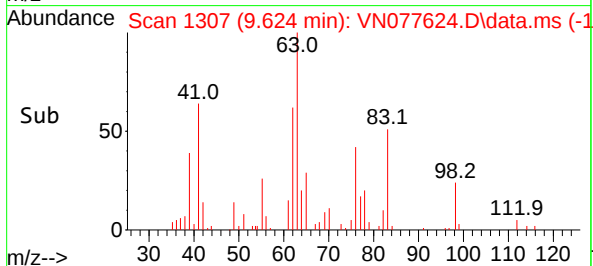
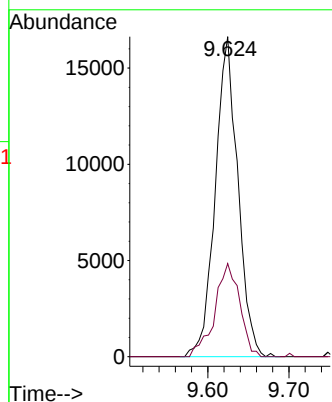
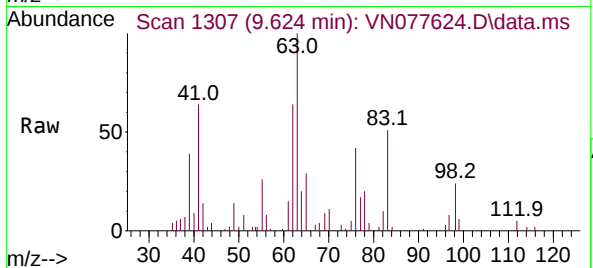
65 29.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#46

Dibromomethane

Concen: 5.230 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

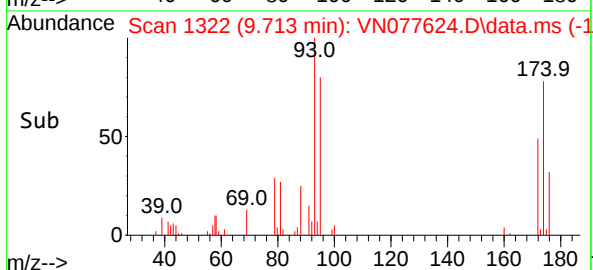
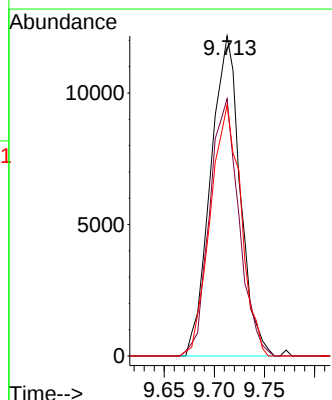
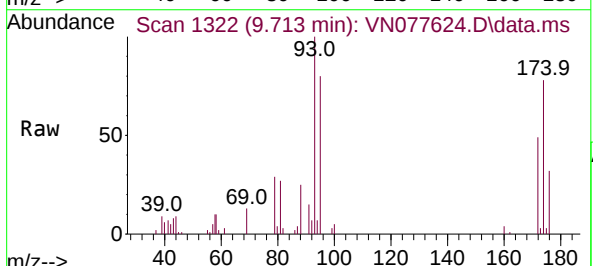
Tgt Ion: 93 Resp: 24939

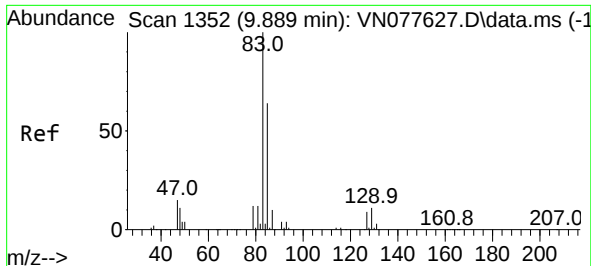
Ion Ratio Lower Upper

93 100

95 79.9 63.8 95.8

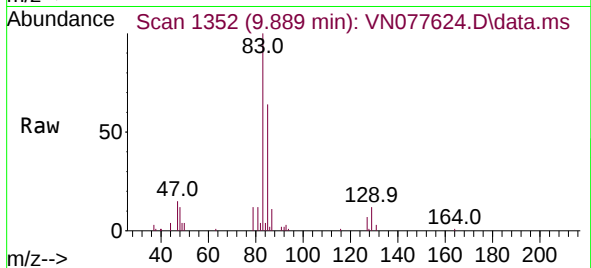
174 81.1 65.6 98.4





#47
Bromodichloromethane
Concen: 4.864 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

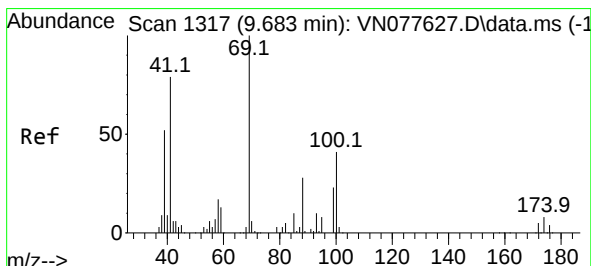
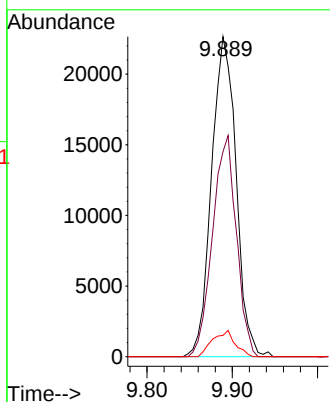
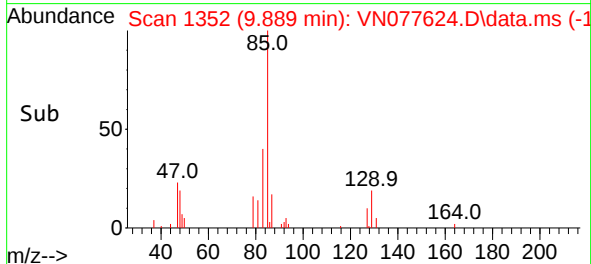
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



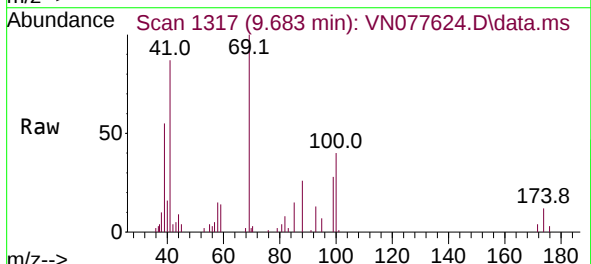
Tgt Ion: 83 Resp: 45299
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 6.7 7.0 10.6

Manual Integrations
APPROVED

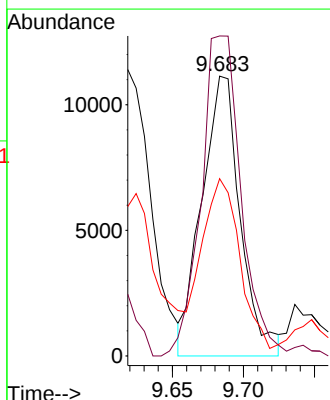
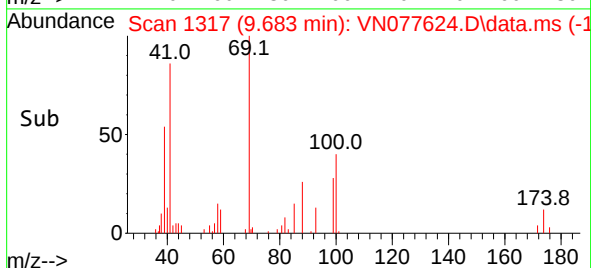
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

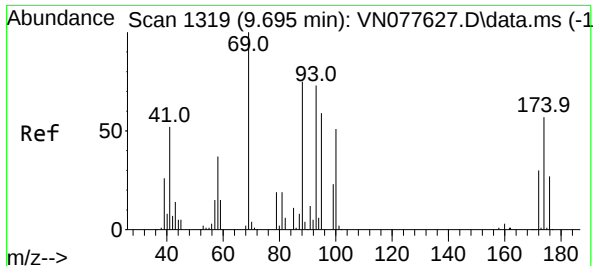


#48
Methyl methacrylate
Concen: 5.057 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



Tgt Ion: 41 Resp: 20970
Ion Ratio Lower Upper
41 100
69 119.1 90.4 135.6
39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 101.886 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 1256

Ion Ratio Lower Upper

88 100

43 24.1 17.0 25.6

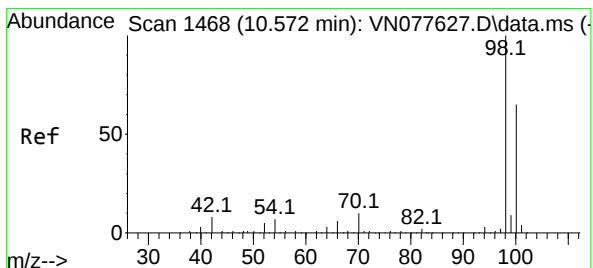
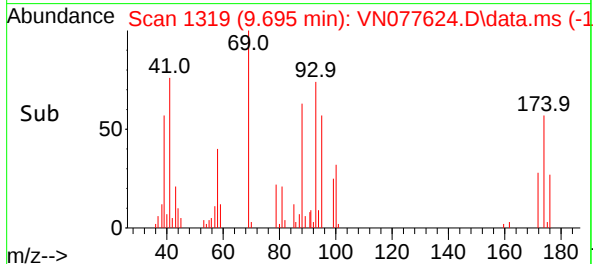
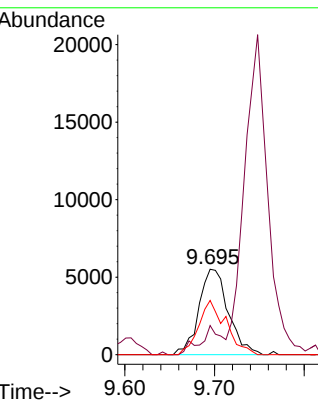
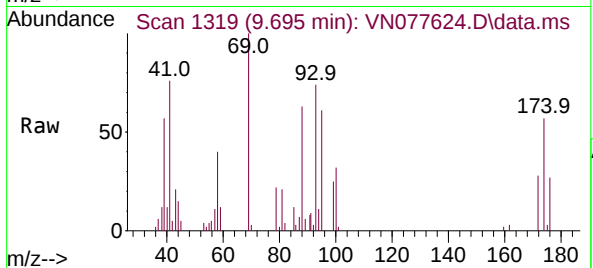
58 59.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#50

Toluene-d8

Concen: 4.993 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077624.D

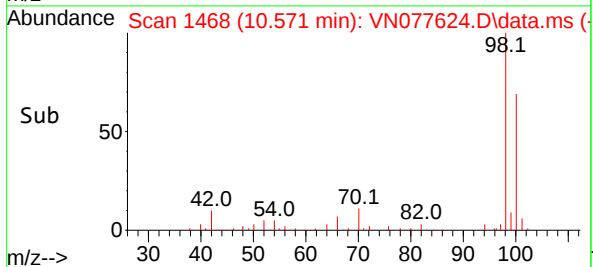
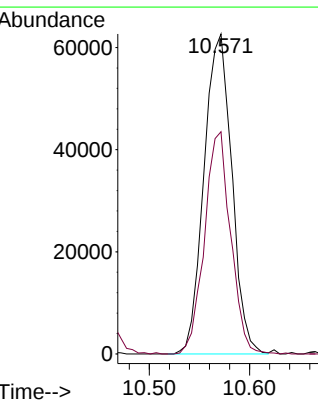
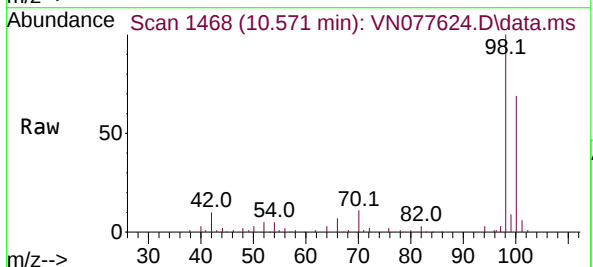
Acq: 09 May 2023 10:58

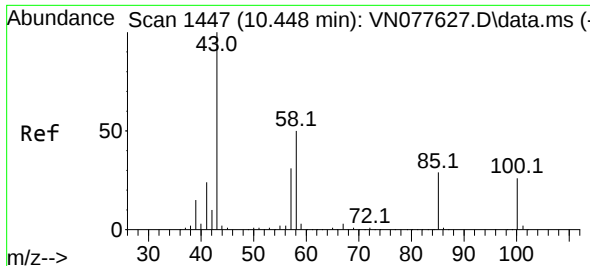
Tgt Ion: 98 Resp: 120730

Ion Ratio Lower Upper

98 100

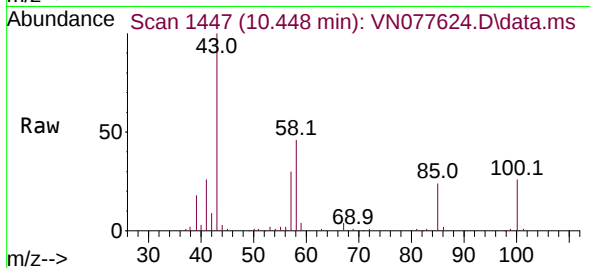
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 25.550 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

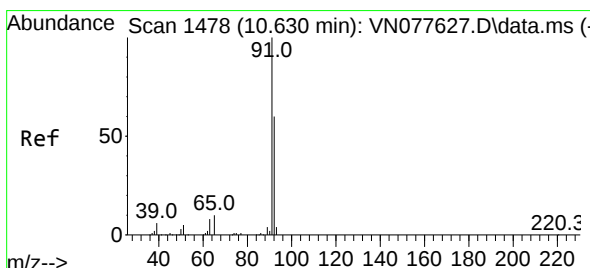
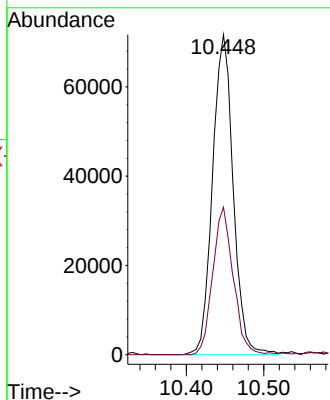
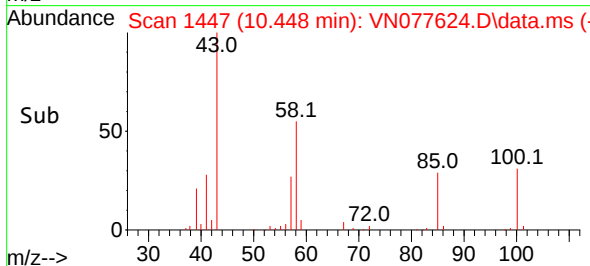
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 132800
Ion Ratio Lower Upper
43 100
58 46.0 36.6 54.8

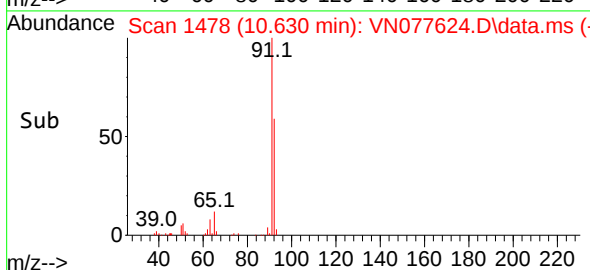
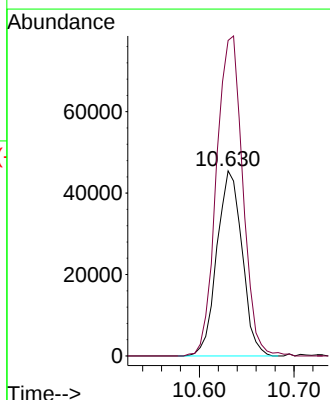
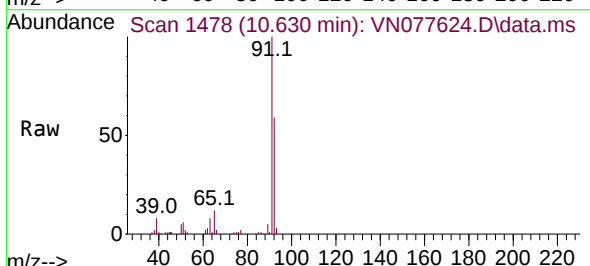
Manual Integrations
APPROVED

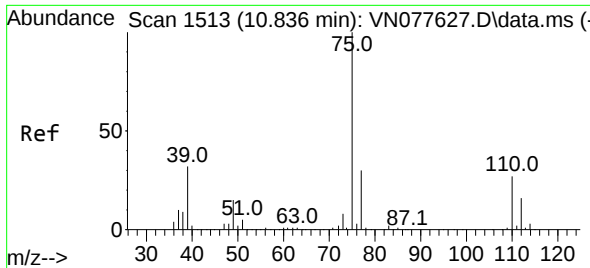
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#52
Toluene
Concen: 4.746 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 92 Resp: 84152
Ion Ratio Lower Upper
92 100
91 180.5 137.4 206.0





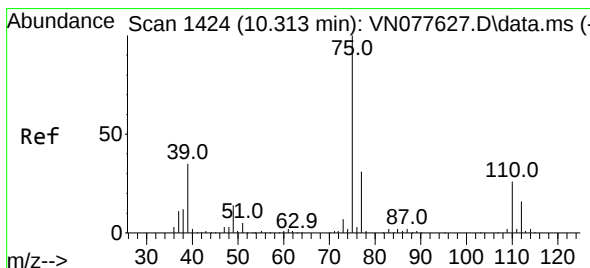
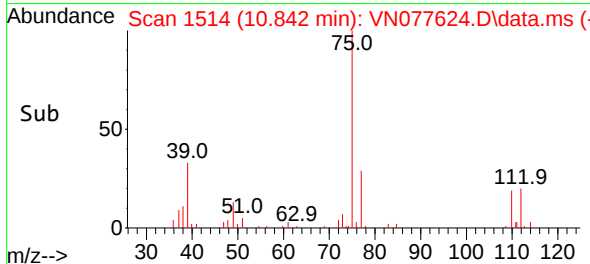
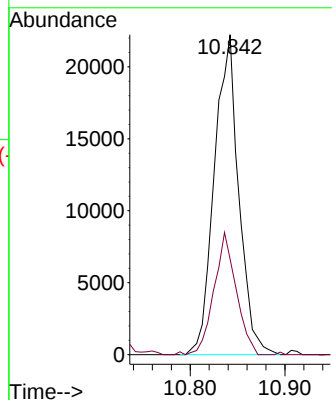
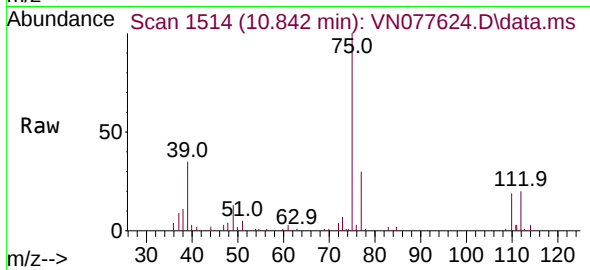
#53
t-1,3-Dichloropropene
Concen: 4.389 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 39829
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0

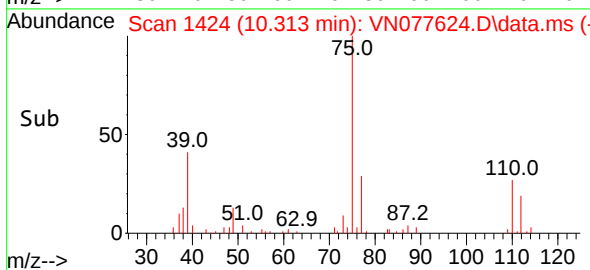
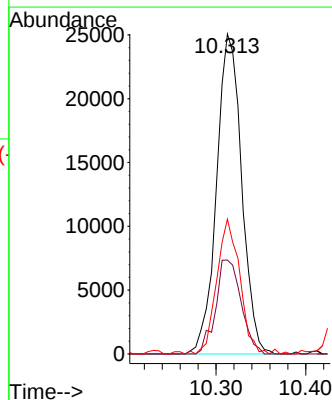
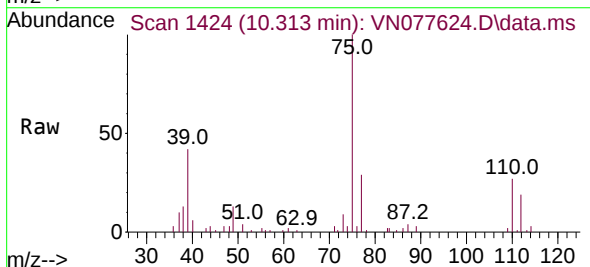
Manual Integrations
APPROVED

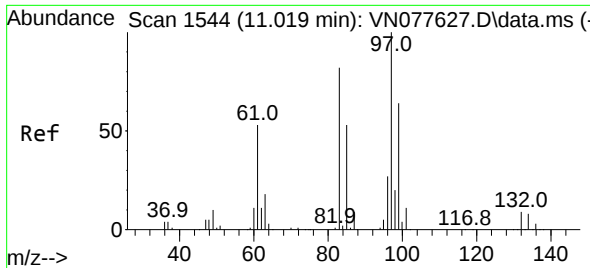
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#54
cis-1,3-Dichloropropene
Concen: 4.712 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

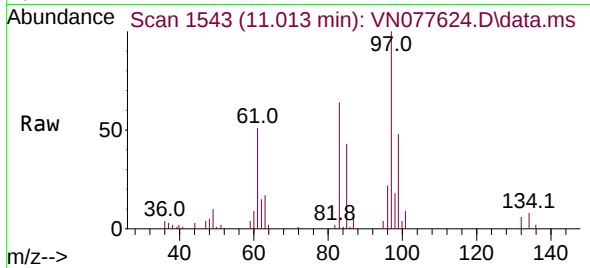
Tgt Ion: 75 Resp: 48651
Ion Ratio Lower Upper
75 100
77 29.3 26.1 39.1
39 42.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 4.936 ug/l
RT: 11.013 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

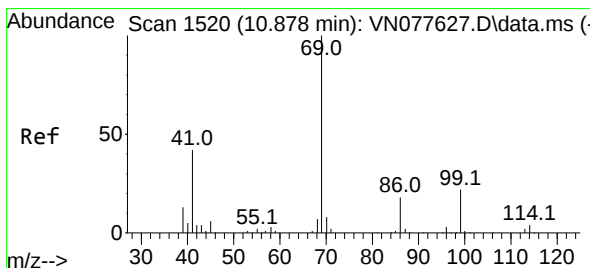
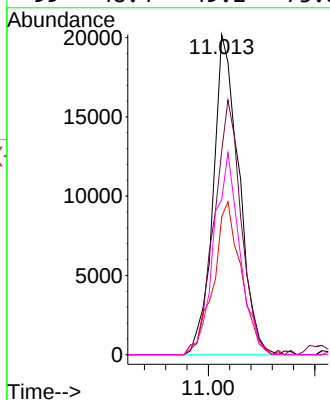
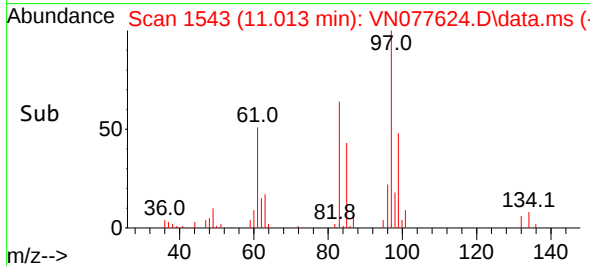
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



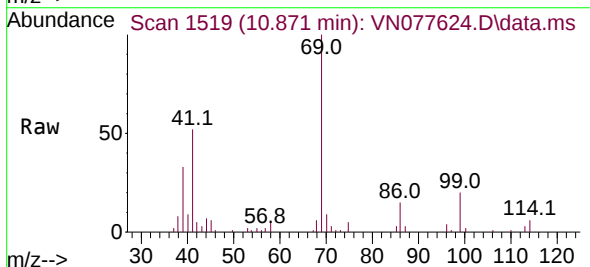
Tgt Ion:	97	Resp:	33938
Ion Ratio	100	Lower	Upper
97	100		
83	63.6	65.1	97.7
85	43.1	43.4	65.2
99	48.4	49.2	73.8

Manual Integrations
APPROVED

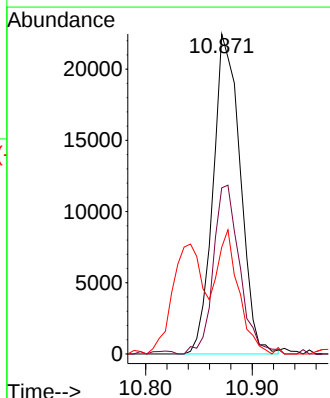
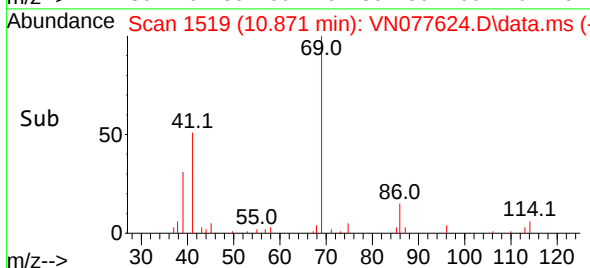
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

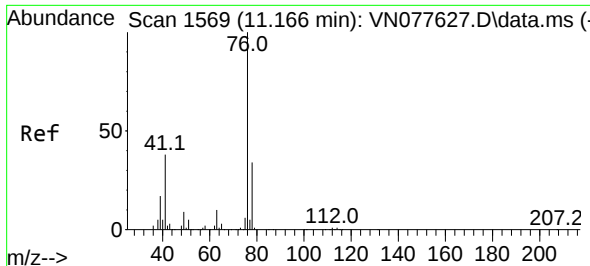


#56
Ethyl methacrylate
Concen: 4.579 ug/l
RT: 10.871 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



Tgt Ion:	69	Resp:	39703
Ion Ratio	100	Lower	Upper
69	100		
41	51.4	39.6	59.4
39	31.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 4.927 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 5445

Ion Ratio Lower Upper

76 100

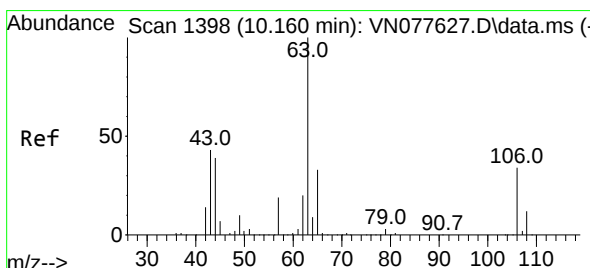
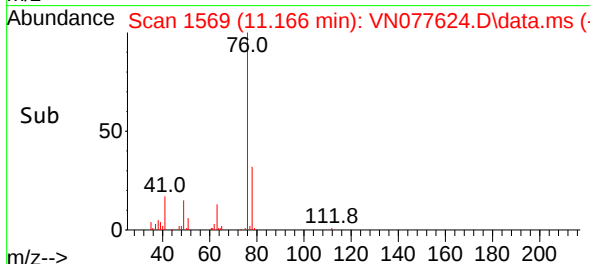
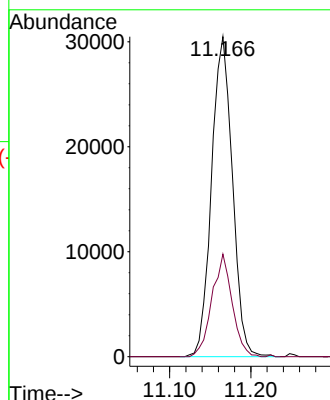
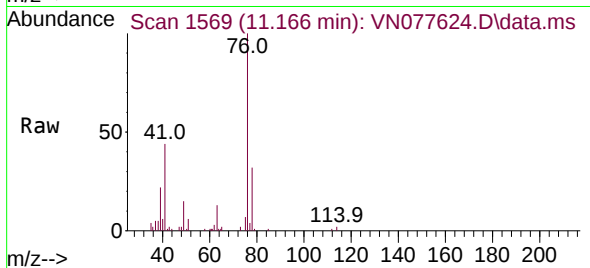
78 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 25.376 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077624.D

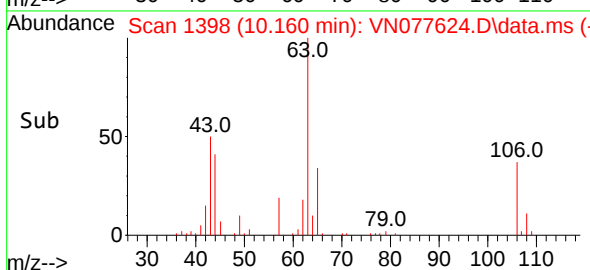
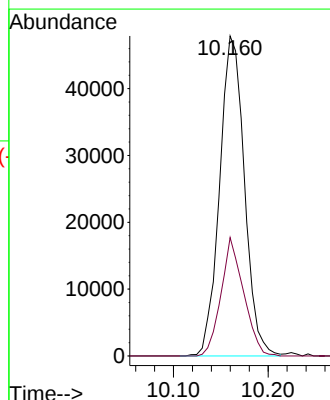
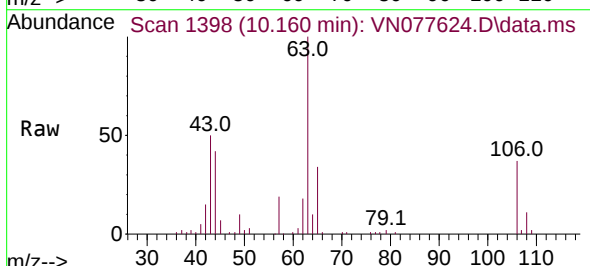
Acq: 09 May 2023 10:58

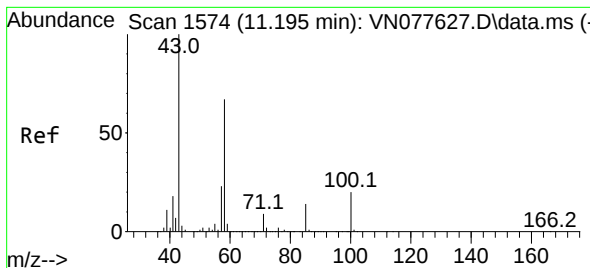
Tgt Ion: 63 Resp: 87272

Ion Ratio Lower Upper

63 100

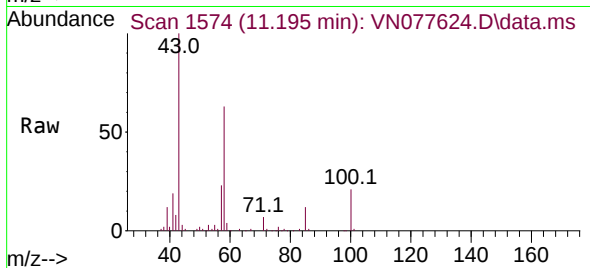
106 33.7 26.2 39.4





#59
2-Hexanone
Concen: 25.521 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

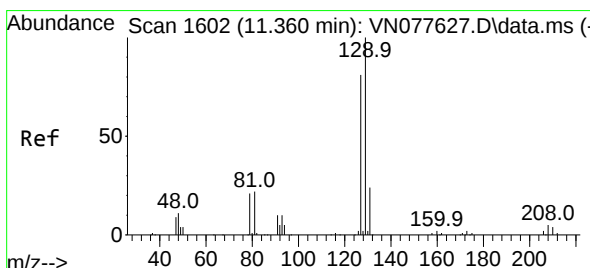
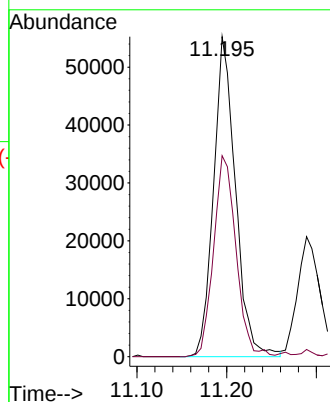
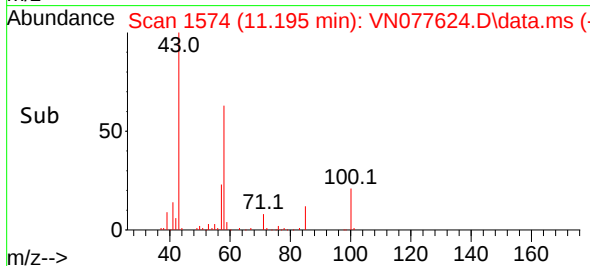
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



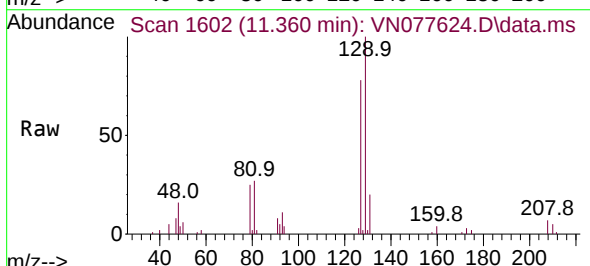
Tgt Ion: 43 Resp: 93752
Ion Ratio Lower Upper
43 100
58 64.3 31.7 95.1

Manual Integrations
APPROVED

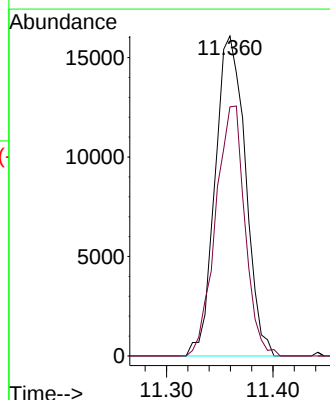
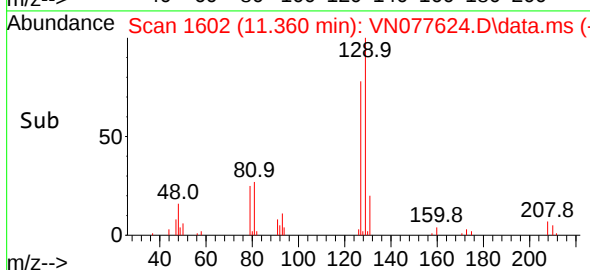
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

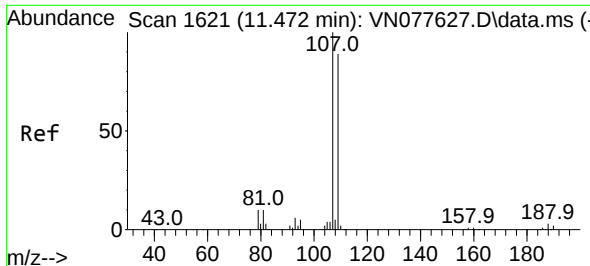


#60
Dibromochloromethane
Concen: 4.655 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



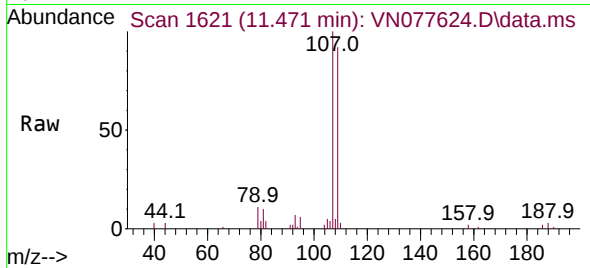
Tgt Ion:129 Resp: 31776
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.827 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

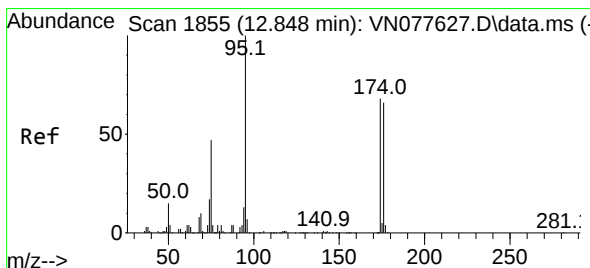
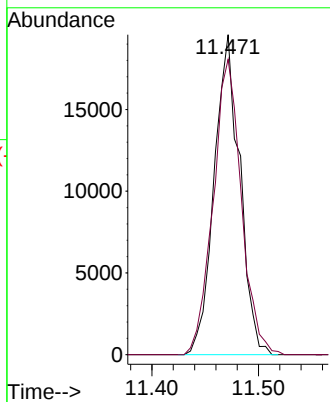
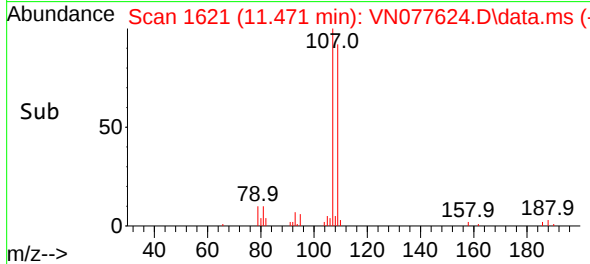
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



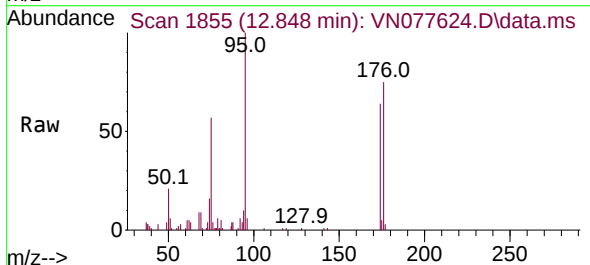
Tgt Ion:107 Resp: 32620
Ion Ratio Lower Upper
107 100
109 101.5 76.6 114.8

Manual Integrations
APPROVED

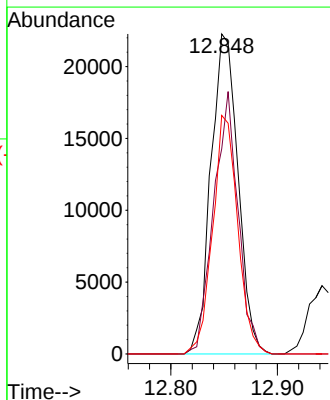
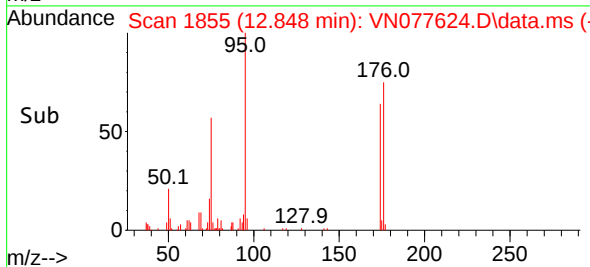
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

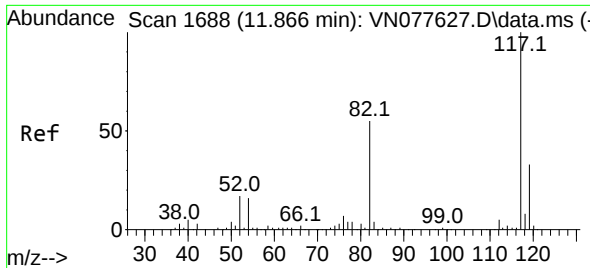


#62
4-Bromofluorobenzene
Concen: 4.802 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



Tgt Ion: 95 Resp: 39271
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 69.1 0.0 135.8





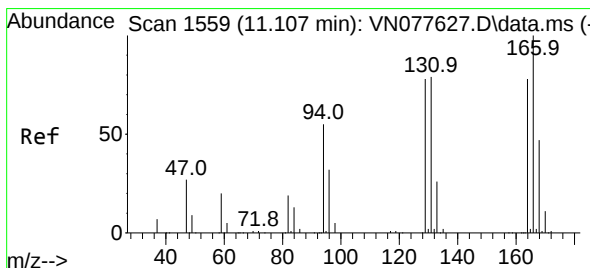
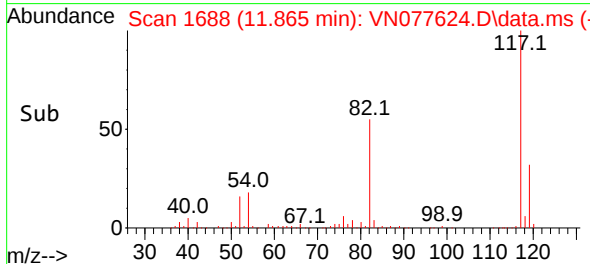
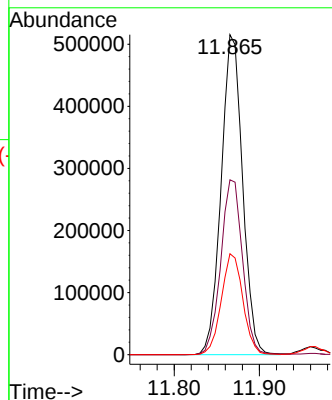
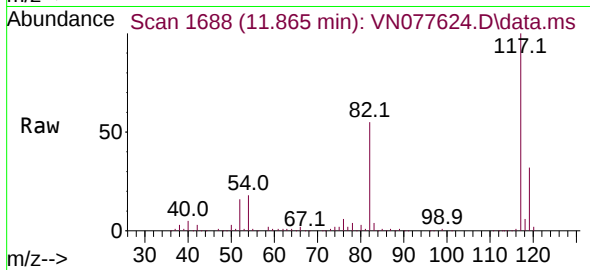
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 90172
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.5 25.6 38.4

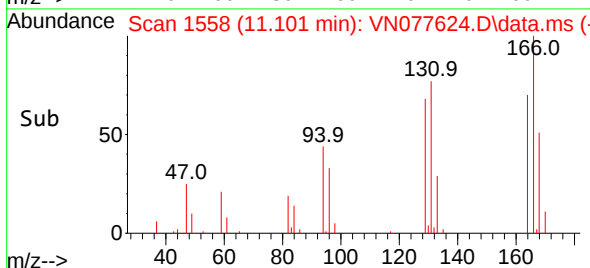
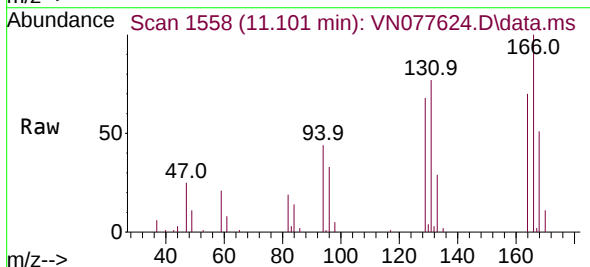
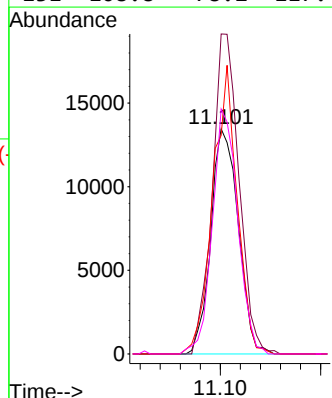
Manual Integrations
APPROVED

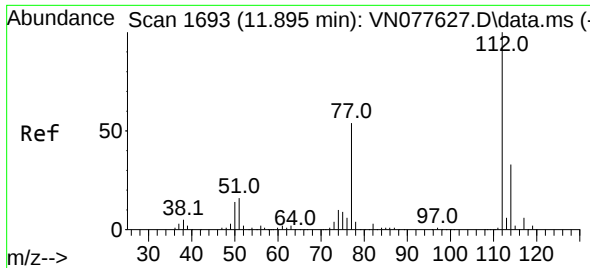
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#64
Tetrachloroethene
Concen: 4.764 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

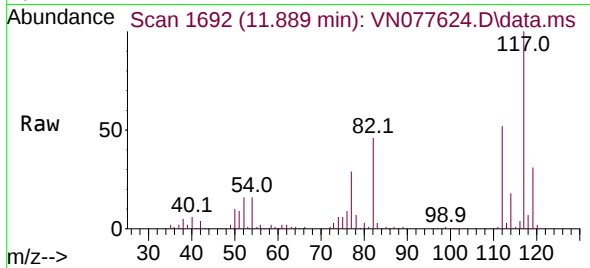
Tgt Ion:164 Resp: 25564
Ion Ratio Lower Upper
164 100
166 142.2 101.4 152.0
129 97.1 82.4 123.6
131 108.8 78.2 117.4





#65
Chlorobenzene
Concen: 5.128 ug/l
RT: 11.889 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

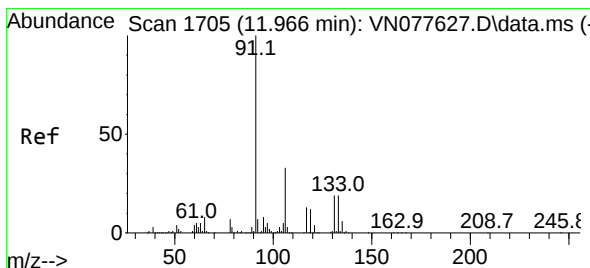
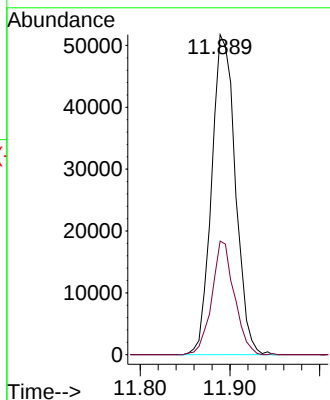
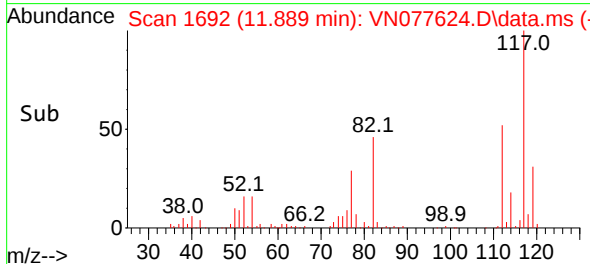
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



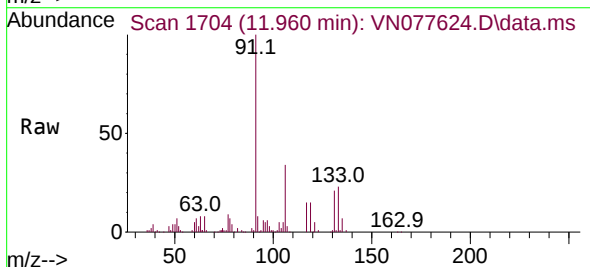
Tgt Ion:112 Resp: 95040
Ion Ratio Lower Upper
112 100
114 35.5 25.0 37.4

Manual Integrations
APPROVED

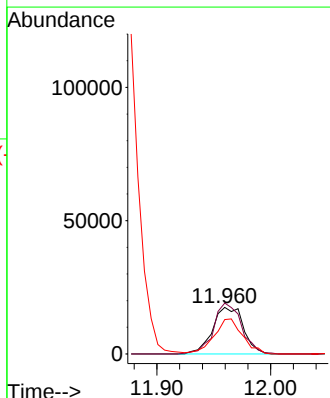
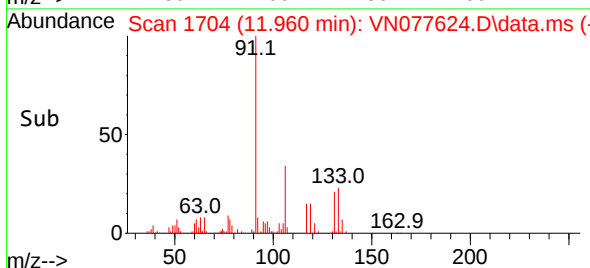
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

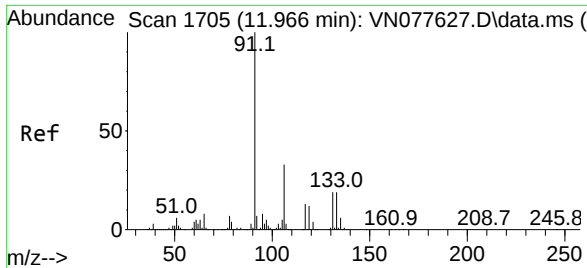


#66
1,1,1,2-Tetrachloroethane
Concen: 4.946 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



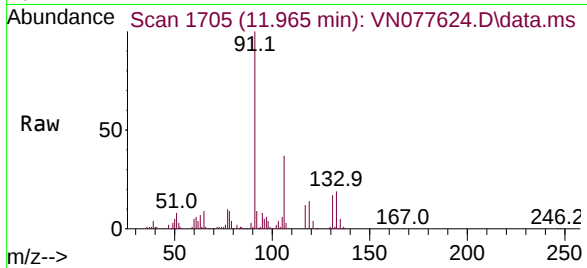
Tgt Ion:131 Resp: 33031
Ion Ratio Lower Upper
131 100
133 99.0 46.4 139.1
119 69.3 34.1 102.2





#67
Ethyl Benzene
Concen: 4.854 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

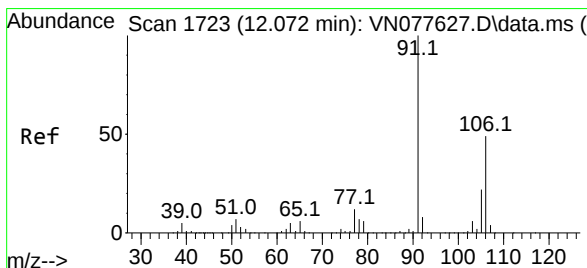
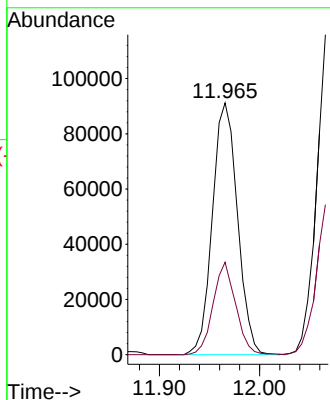
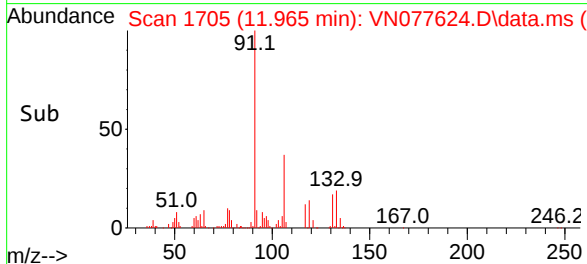
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



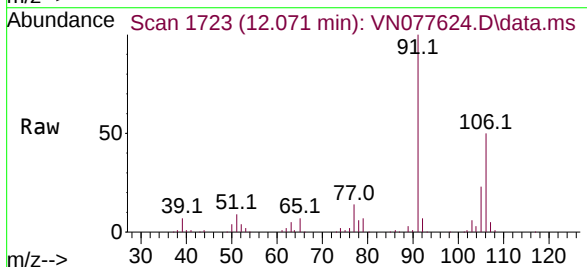
Tgt Ion: 91 Resp: 157945
Ion Ratio Lower Upper
91 100
106 36.7 25.6 38.4

Manual Integrations
APPROVED

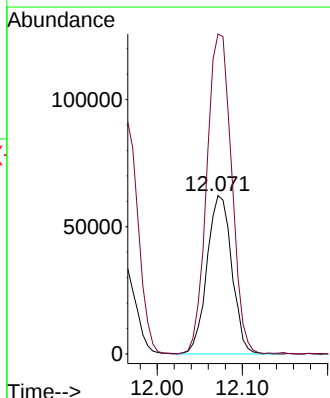
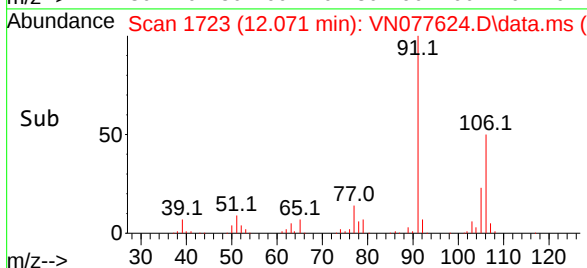
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

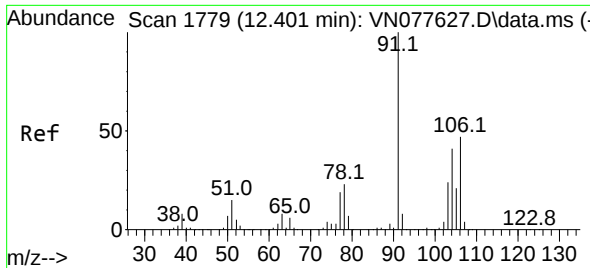


#68
m/p-Xylenes
Concen: 9.803 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



Tgt Ion:106 Resp: 126298
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4





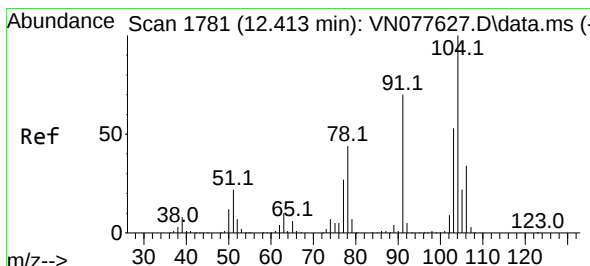
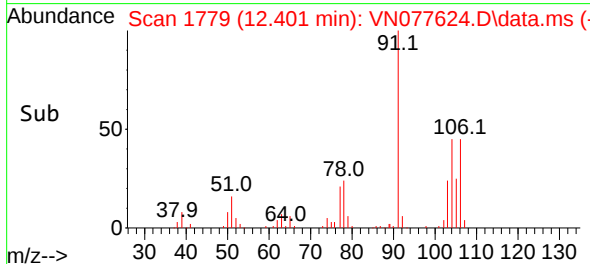
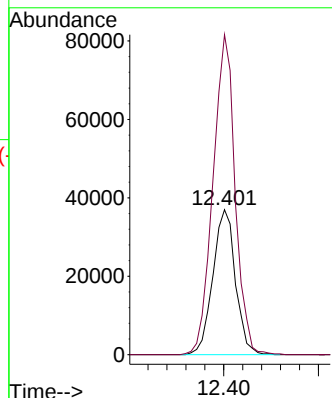
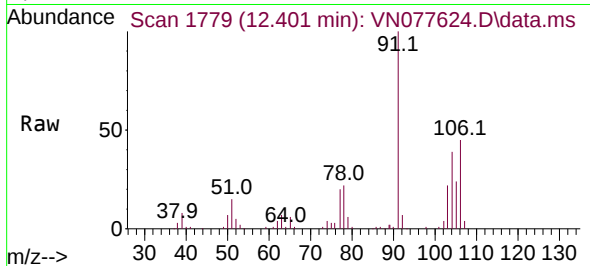
#69
o-Xylene
Concen: 4.736 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 6116
Ion Ratio Lower Upper
106 100
91 216.7 105.2 315.5

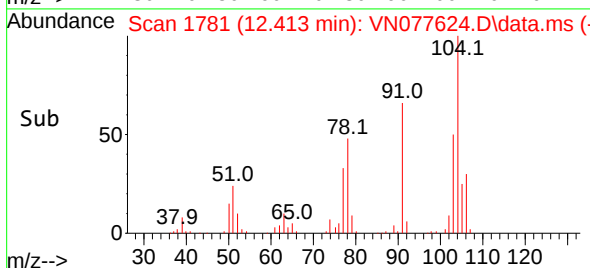
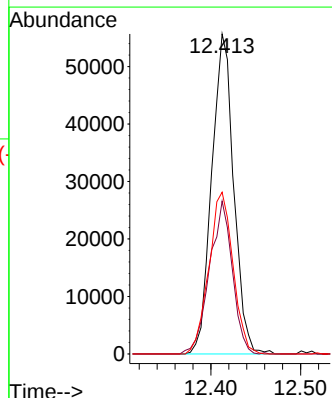
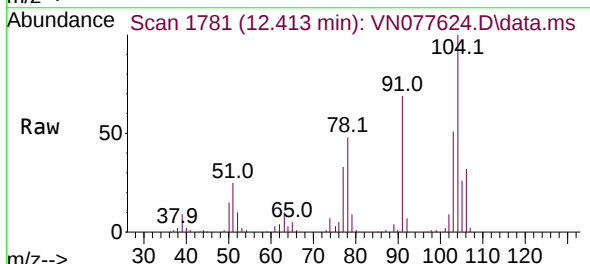
Manual Integrations
APPROVED

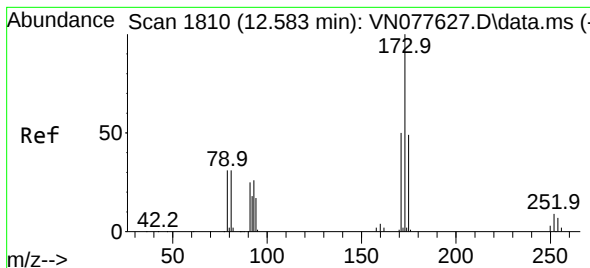
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 4.785 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion:104 Resp: 94639
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 4.401 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

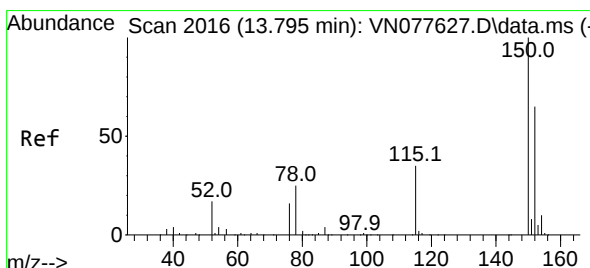
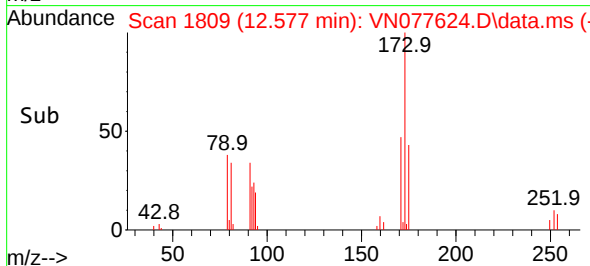
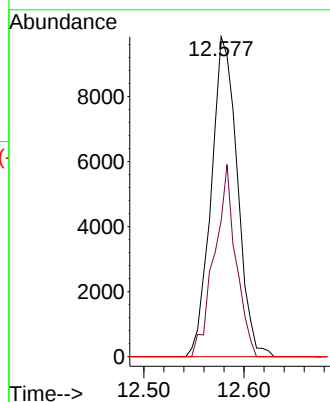
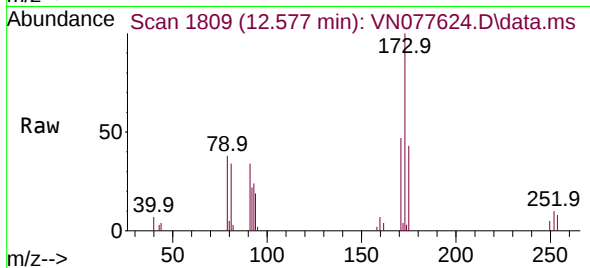
Tgt Ion:173	Resp:	1783
Ion Ratio	Lower	Upper
173	100	
175	49.4	24.3 73.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

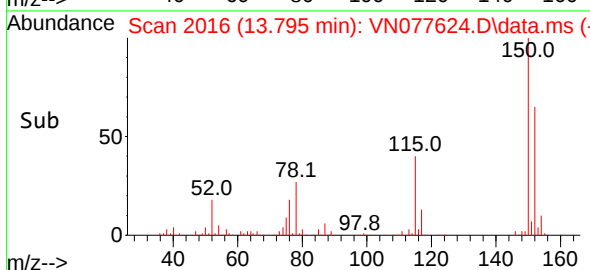
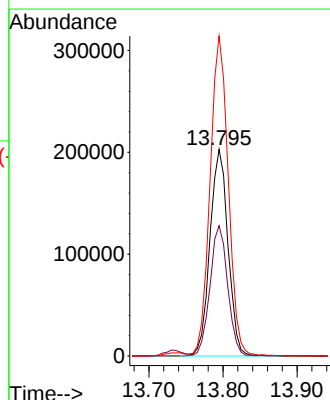
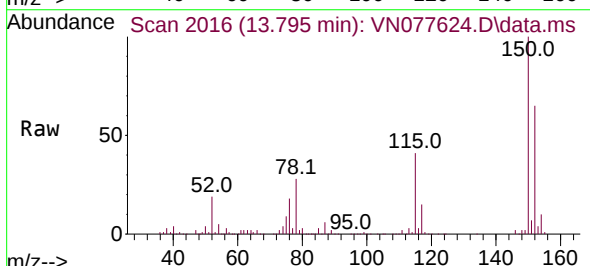
RT: 13.795 min Scan# 2016

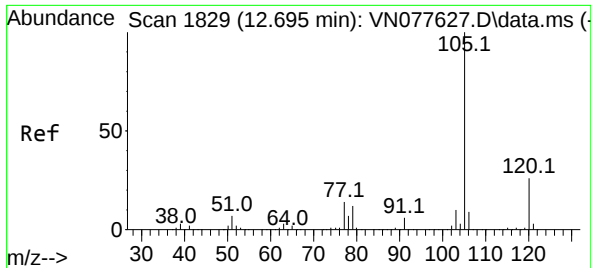
Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion:152	Resp:	343265
Ion Ratio	Lower	Upper
152	100	
115	61.7	32.3 96.8
150	156.1	0.0 355.8





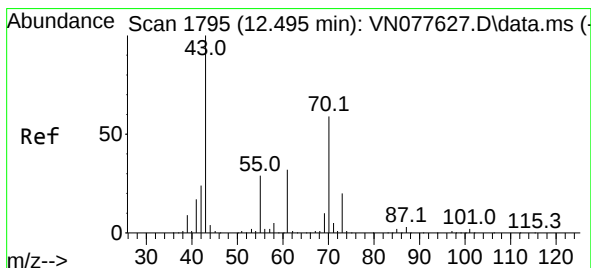
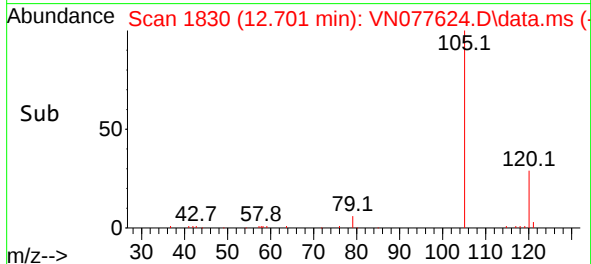
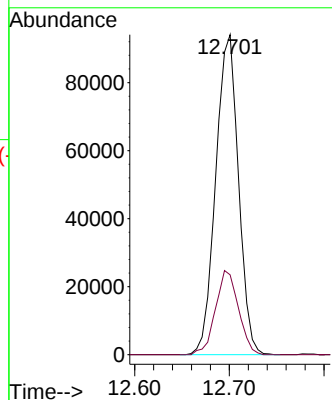
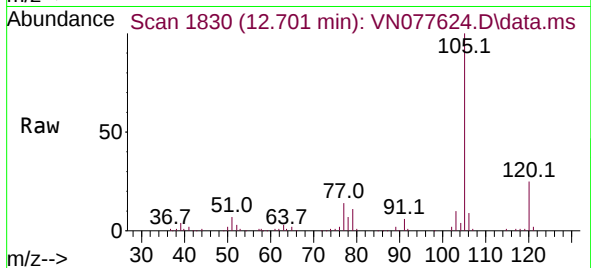
#73
Isopropylbenzene
Concen: 5.121 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 156804
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

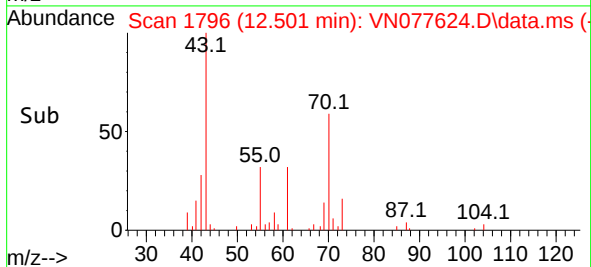
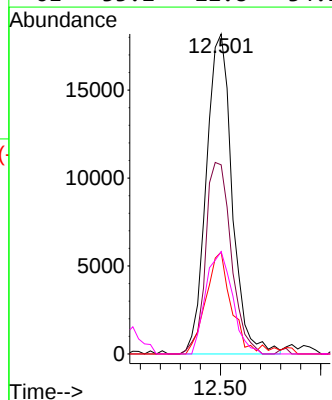
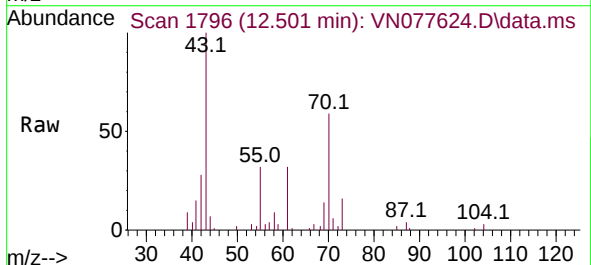
Manual Integrations
APPROVED

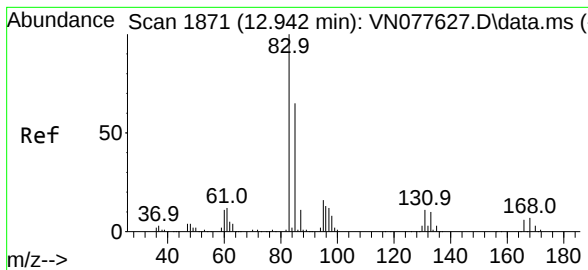
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#74
N-ethyl acetate
Concen: 4.830 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 43 Resp: 32644
Ion Ratio Lower Upper
43 100
70 59.3 43.4 65.2
55 30.8 21.4 32.0
61 33.2 22.8 34.2





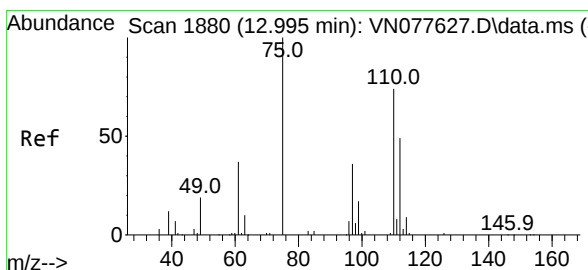
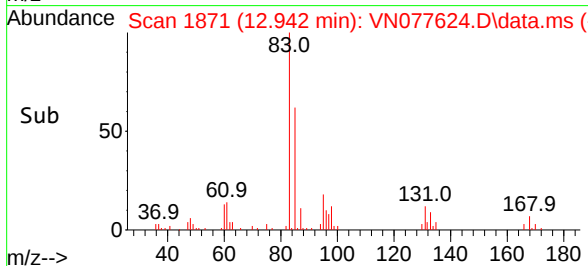
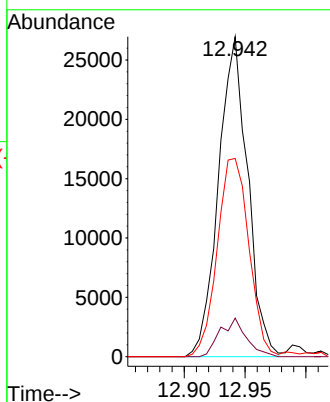
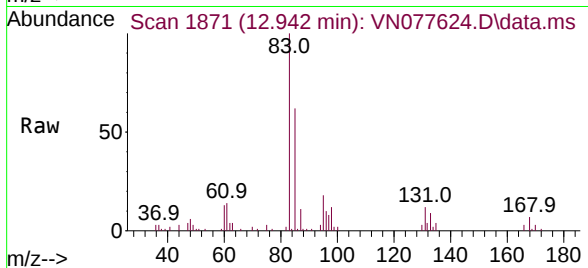
#75
1,1,2,2-Tetrachloroethane
Concen: 5.341 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4496
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 67.1 31.9 95.7

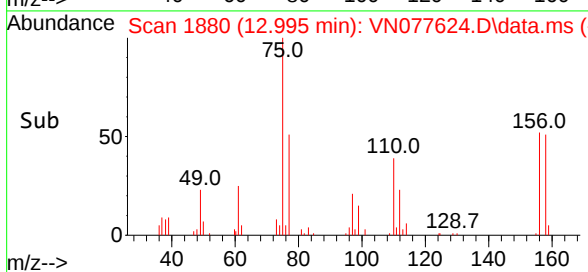
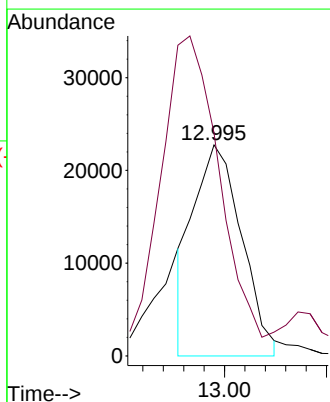
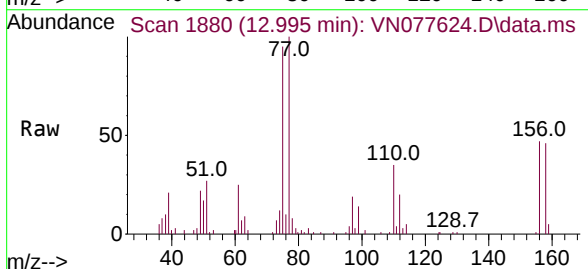
Manual Integrations
APPROVED

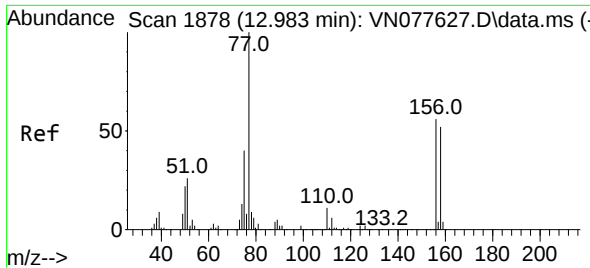
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#76
1,2,3-Trichloropropane
Concen: 5.524 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 75 Resp: 37348
Ion Ratio Lower Upper
75 100
77 191.1 84.5 253.5





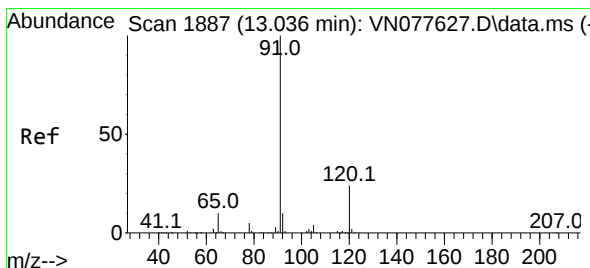
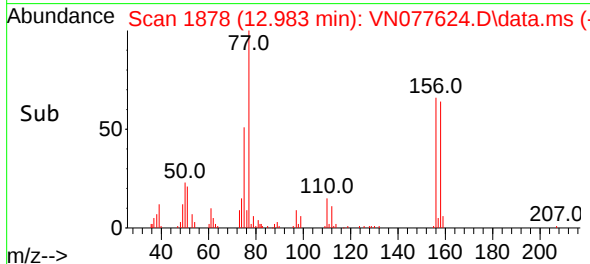
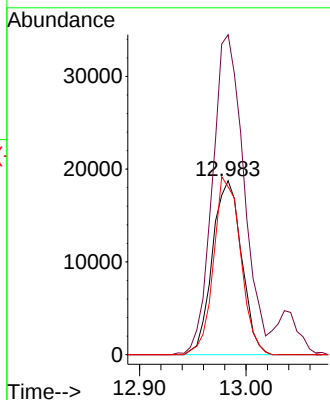
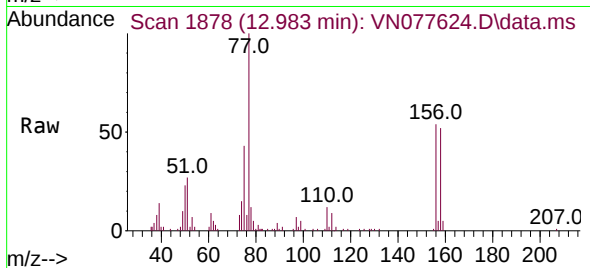
#77
Bromobenzene
Concen: 5.277 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 35790
Ion Ratio Lower Upper
156 100
77 199.4 107.7 323.3
158 94.3 48.4 145.3

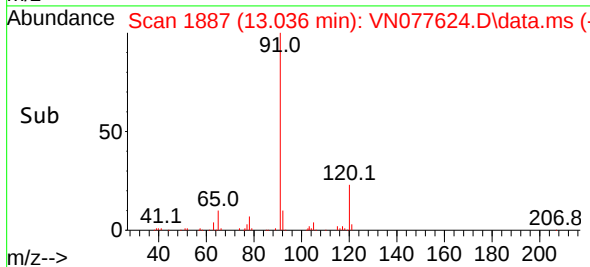
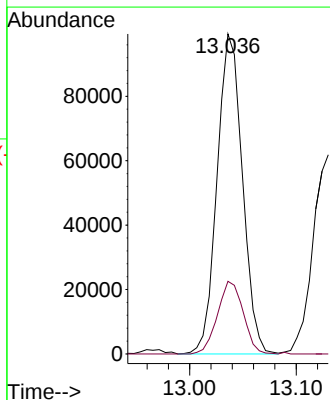
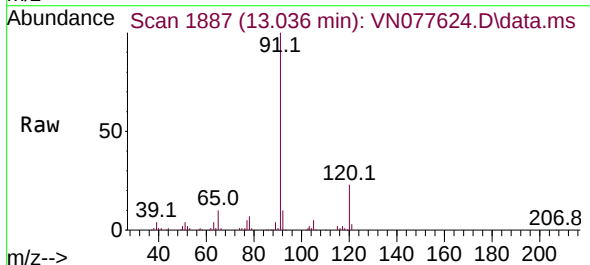
Manual Integrations
APPROVED

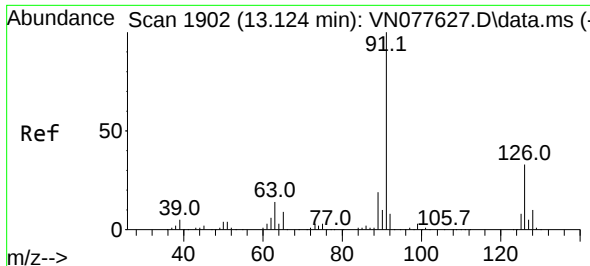
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#78
n-propylbenzene
Concen: 4.985 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Tgt Ion: 91 Resp: 163869
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.018 ug/l

RT: 13.130 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 10505

Ion Ratio Lower Upper

91 100

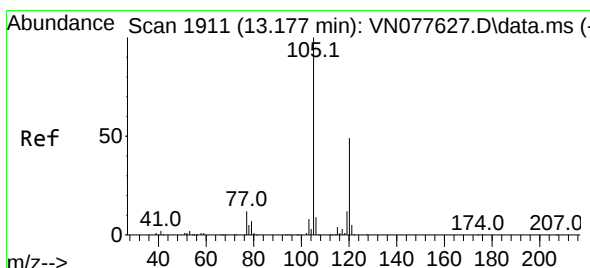
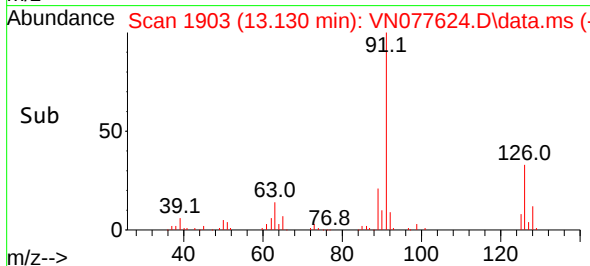
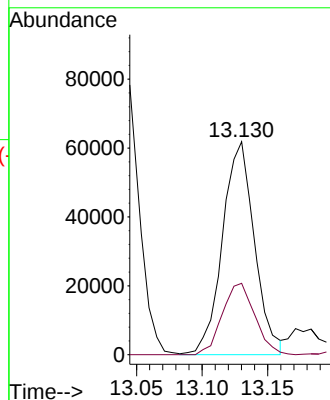
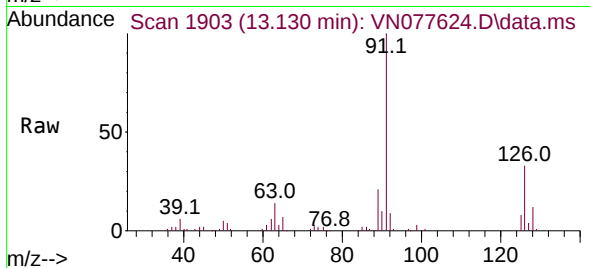
126 34.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#80

1,3,5-Trimethylbenzene

Concen: 4.743 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077624.D

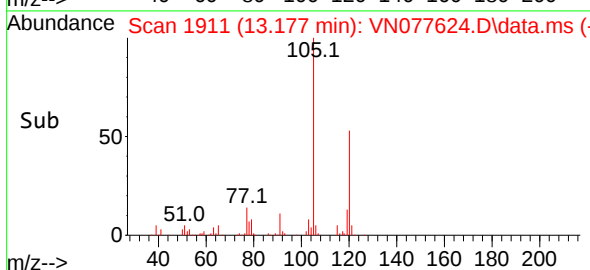
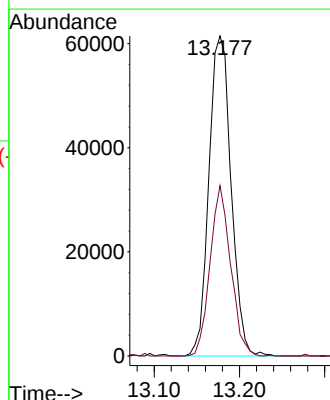
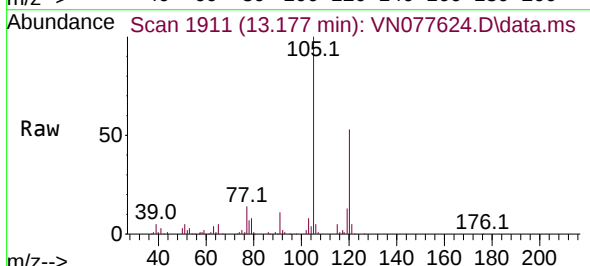
Acq: 09 May 2023 10:58

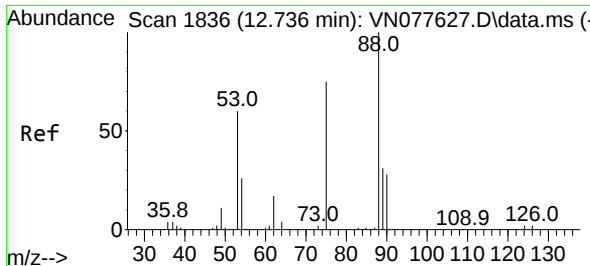
Tgt Ion:105 Resp: 111112

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3





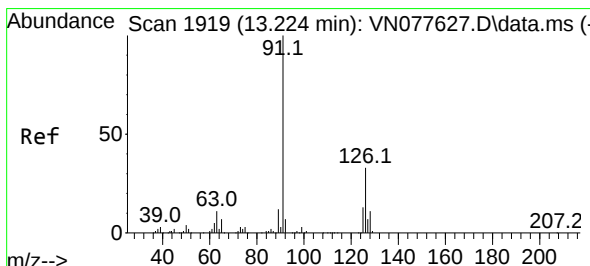
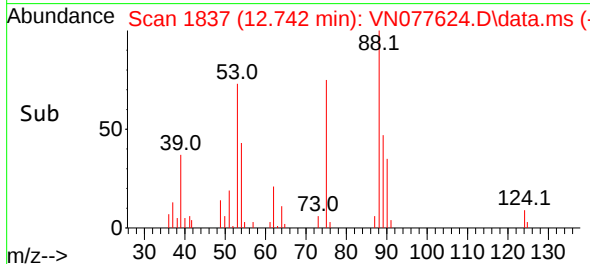
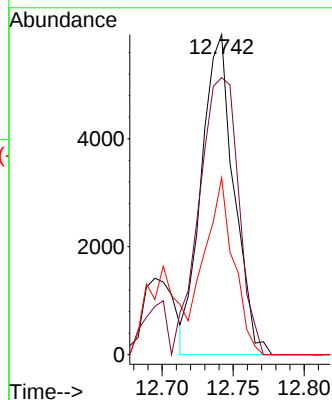
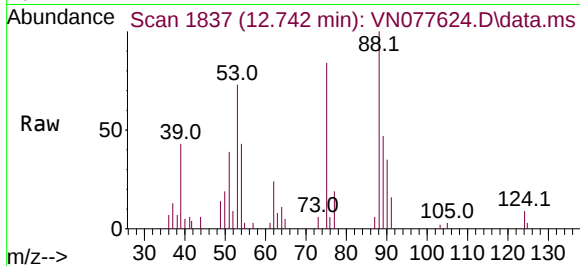
#81
trans-1,4-Dichloro-2-butene
Concen: 4.253 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 9462
Ion Ratio Lower Upper
75 100
53 104.6 67.4 101.2
89 48.7 38.8 58.2

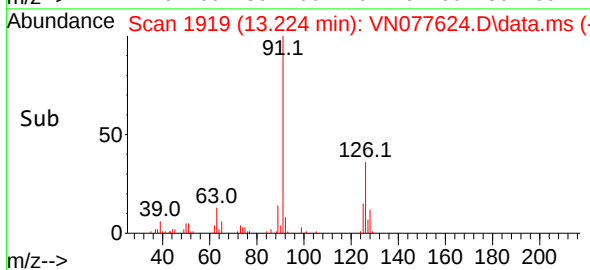
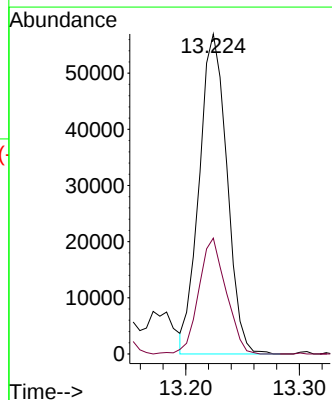
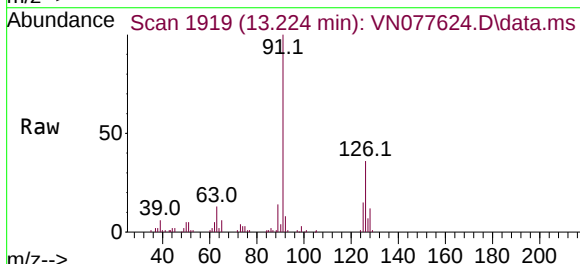
Manual Integrations
APPROVED

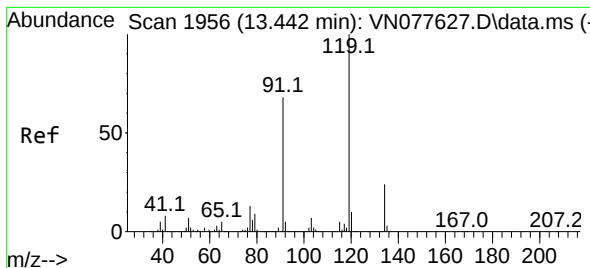
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#82
4-Chlorotoluene
Concen: 4.923 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

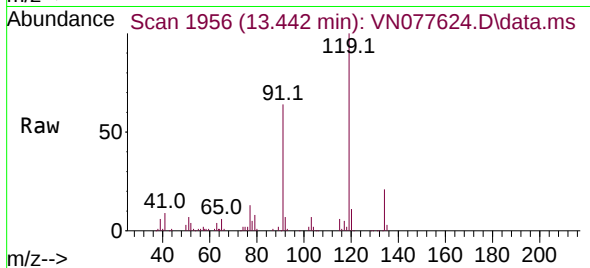
Tgt Ion: 91 Resp: 96652
Ion Ratio Lower Upper
91 100
126 35.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 4.891 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

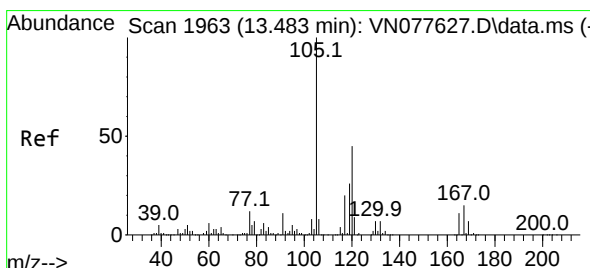
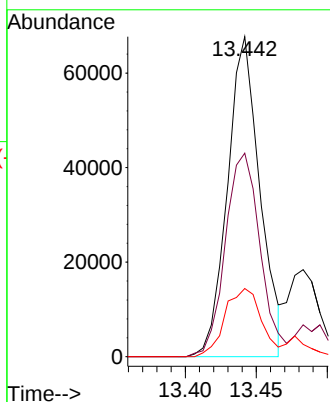
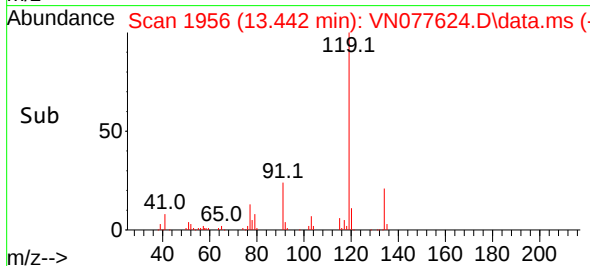
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



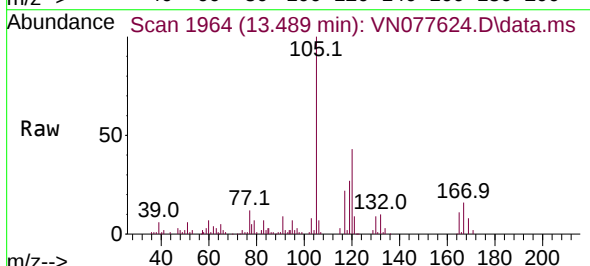
Tgt Ion:119 Resp: 107664
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 23.9 13.2 39.6

Manual Integrations
APPROVED

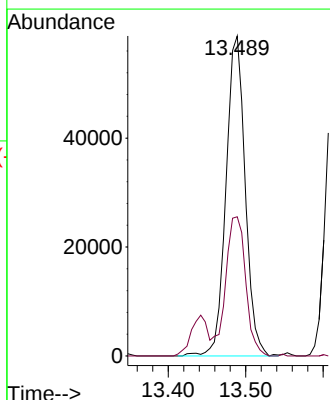
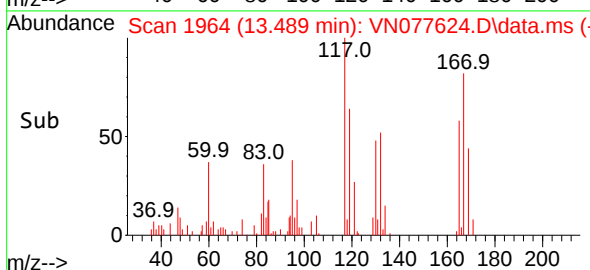
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

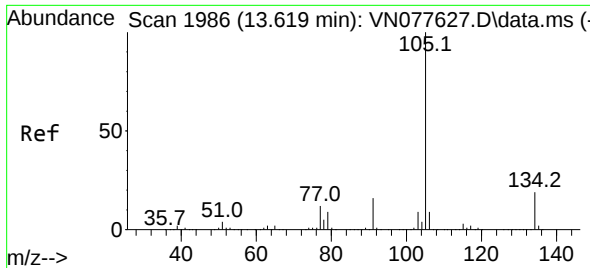


#84
1,2,4-Trimethylbenzene
Concen: 4.599 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



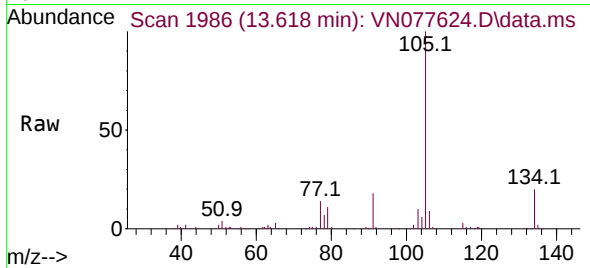
Tgt Ion:105 Resp: 101243
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 4.744 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58

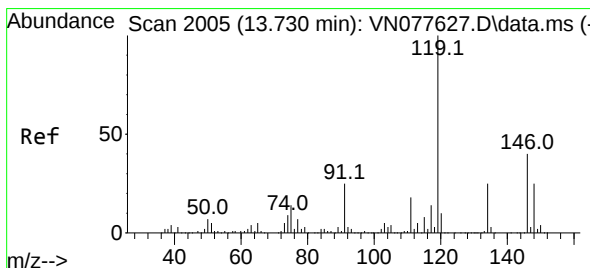
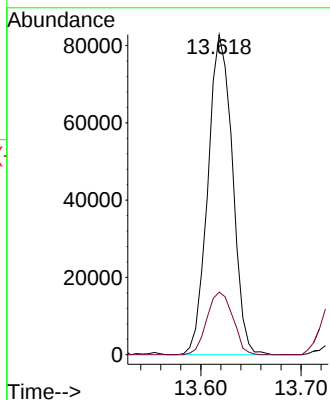
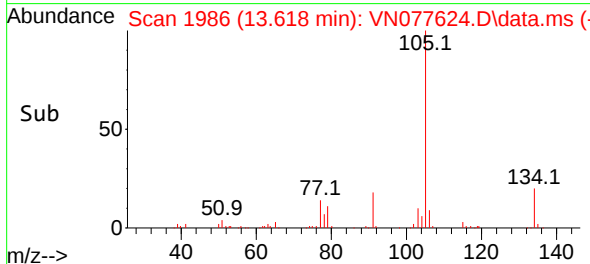
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



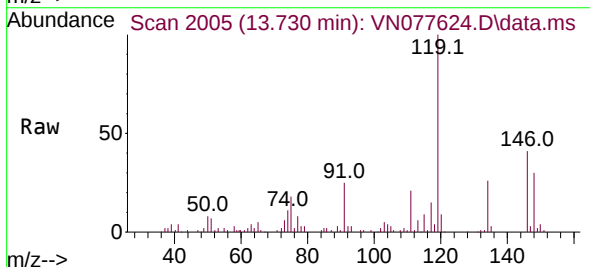
Tgt Ion:105 Resp: 140594
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3

Manual Integrations
 APPROVED

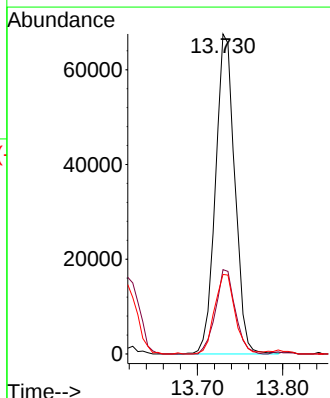
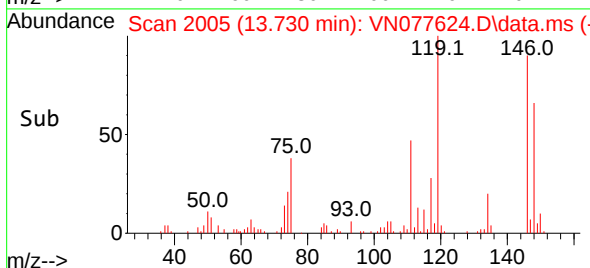
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

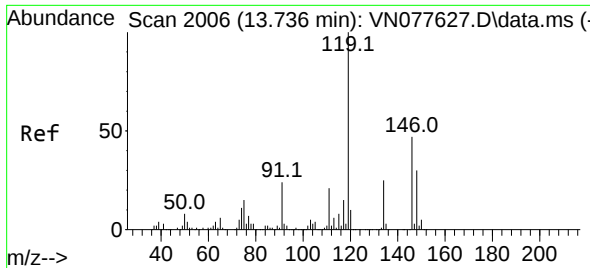


#86
 p-Isopropyltoluene
 Concen: 4.598 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58



Tgt Ion:119 Resp: 106539
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 26.5 12.4 37.2





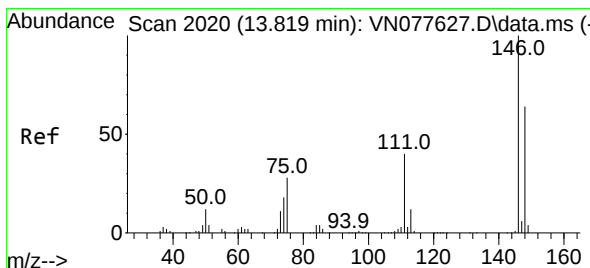
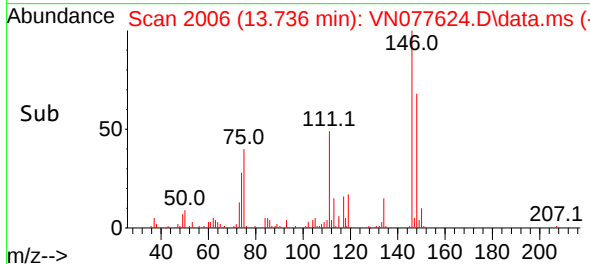
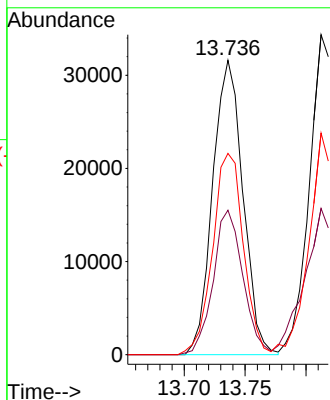
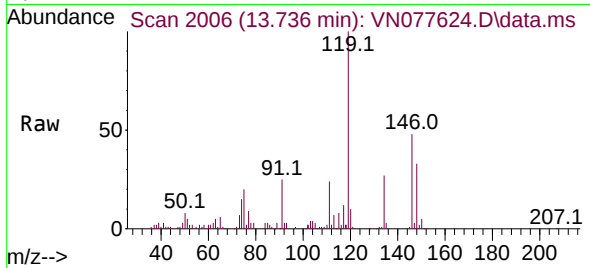
#87
 1,3-Dichlorobenzene
 Concen: 4.635 ug/l
 RT: 13.736 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 54634
 Ion Ratio Lower Upper
 146 100
 111 48.3 22.1 66.3
 148 69.6 32.0 96.0

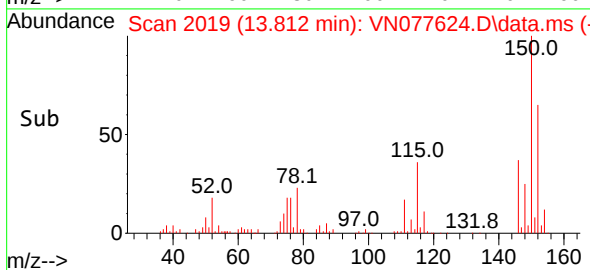
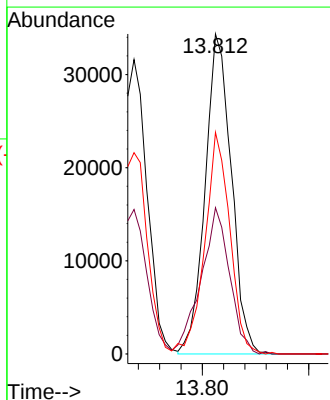
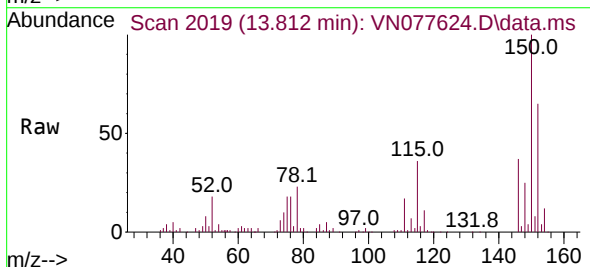
Manual Integrations
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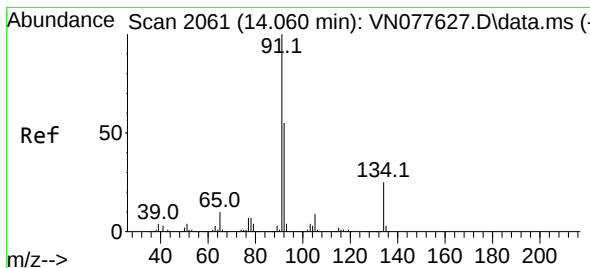
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#88
 1,4-Dichlorobenzene
 Concen: 5.015 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VN077624.D
 Acq: 09 May 2023 10:58

Tgt Ion:146 Resp: 58768
 Ion Ratio Lower Upper
 146 100
 111 50.1 20.6 61.8
 148 66.2 31.6 94.8





#89

n-Butylbenzene

Concen: 4.418 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

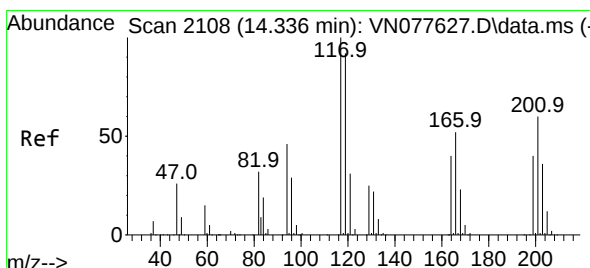
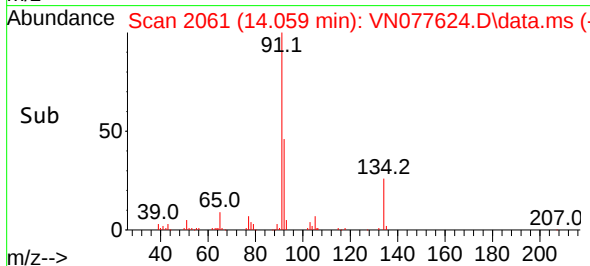
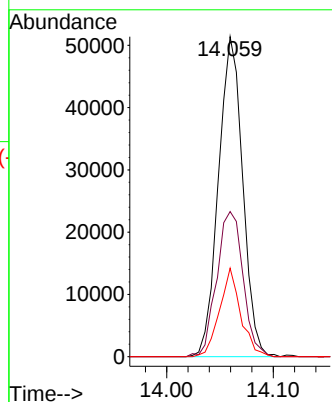
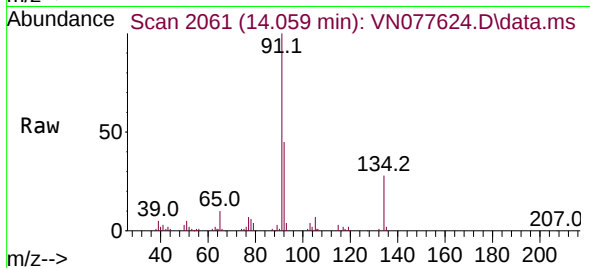
Tgt Ion:	91	Resp:	81120
Ion Ratio	Lower	Upper	
91	100		
92	49.3	26.4	79.0
134	24.2	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#90

Hexachloroethane

Concen: 5.120 ug/l

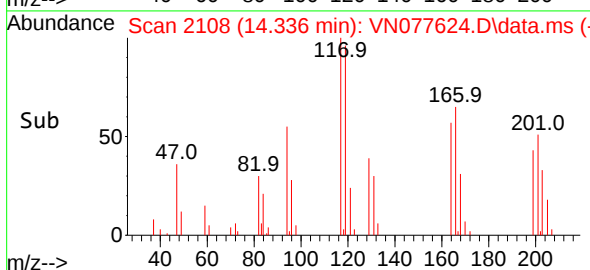
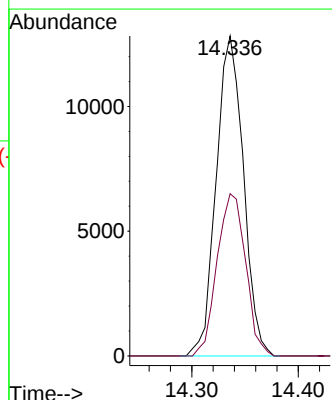
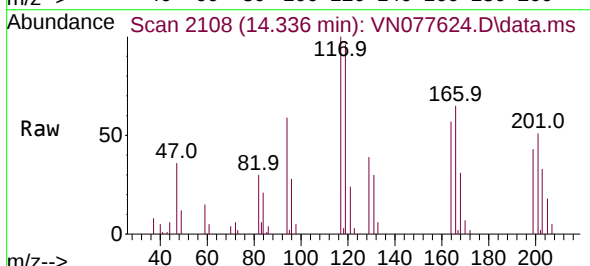
RT: 14.336 min Scan# 2108

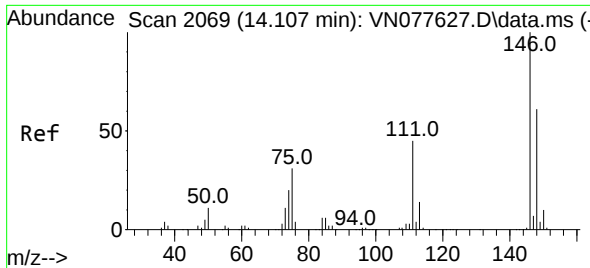
Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion:	117	Resp:	22752
Ion Ratio	Lower	Upper	
117	100		
201	53.2	29.3	88.0





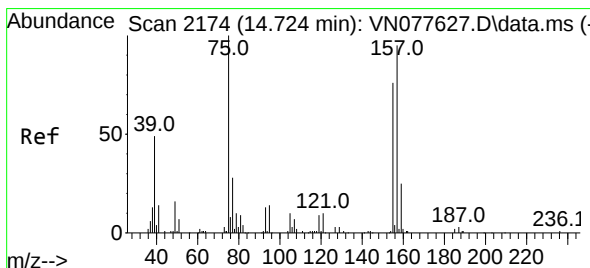
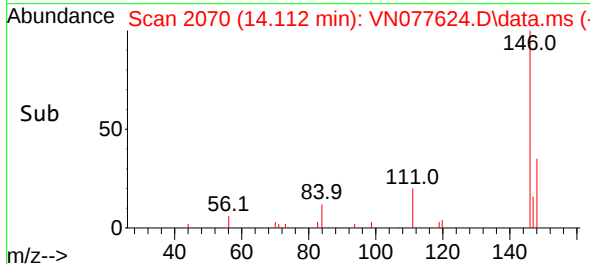
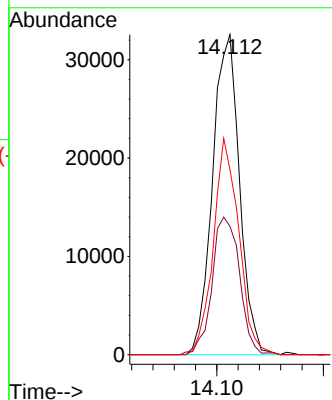
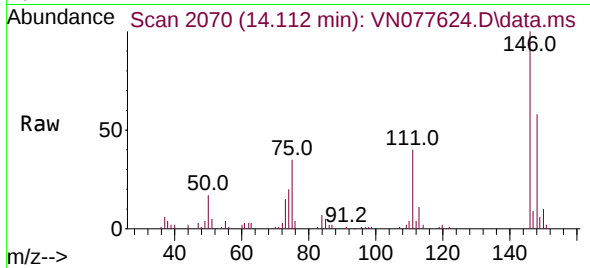
#91
1,2-Dichlorobenzene
Concen: 4.872 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 57092
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.8 31.8 95.3

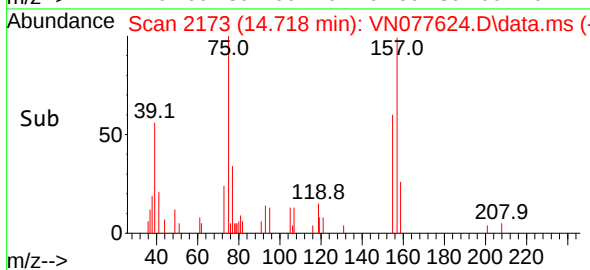
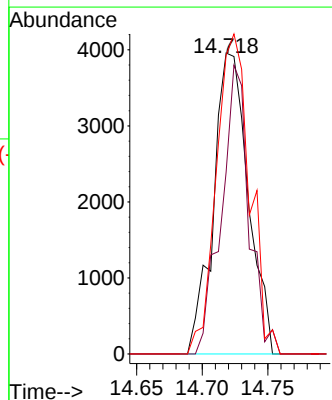
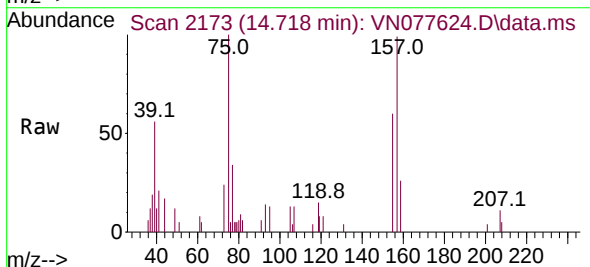
Manual Integrations
APPROVED

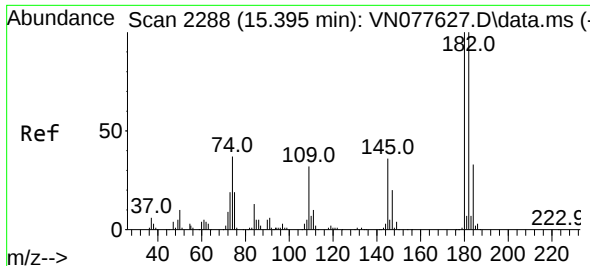
Reviewed By :John Carbone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.920 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

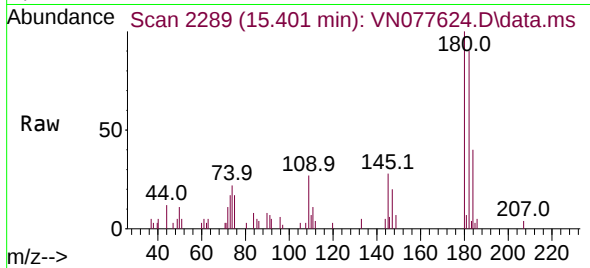
Tgt Ion: 75 Resp: 7329
Ion Ratio Lower Upper
75 100
155 76.3 39.1 117.2
157 102.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 6.915 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58

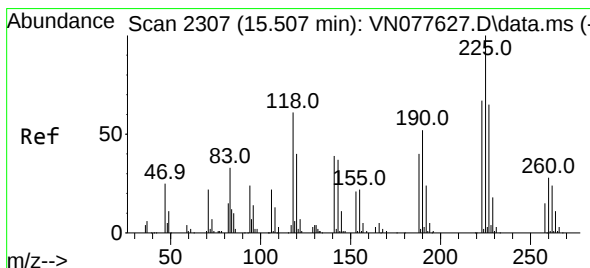
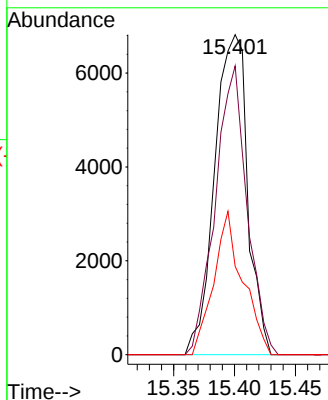
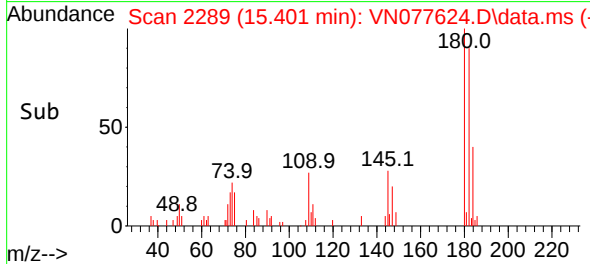
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



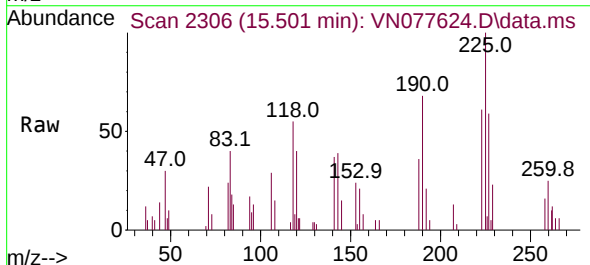
Tgt Ion:180 Resp: 1286
Ion Ratio Lower Upper
180 100
182 86.7 46.1 138.2
145 39.4 16.6 49.8

Manual Integrations
APPROVED

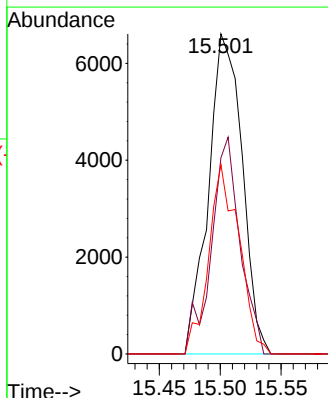
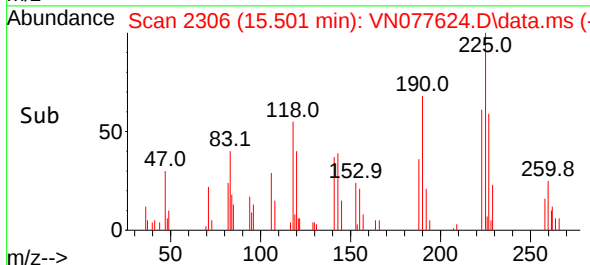
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

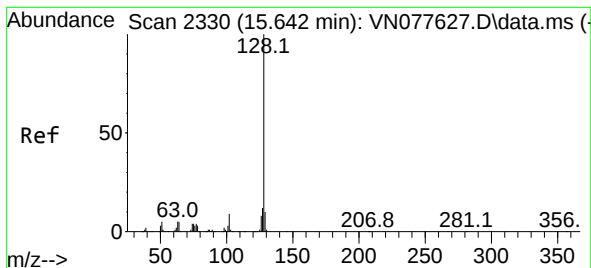


#94
Hexachlorobutadiene
Concen: 5.086 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077624.D
Acq: 09 May 2023 10:58



Tgt Ion:225 Resp: 12735
Ion Ratio Lower Upper
225 100
223 57.9 31.3 93.8
227 53.2 31.9 95.9





#95

Naphthalene

Concen: 6.523 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

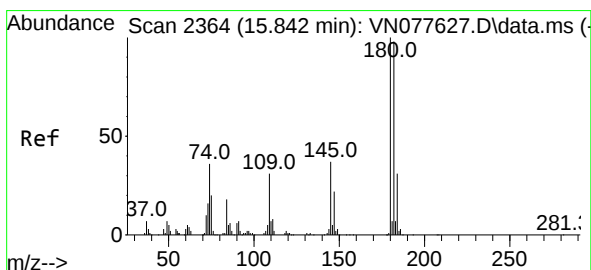
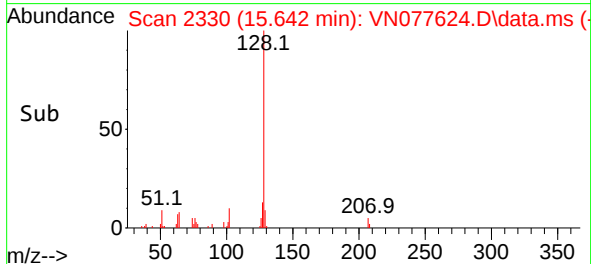
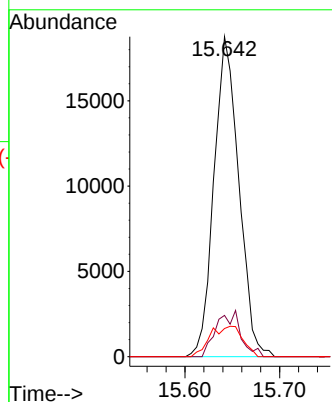
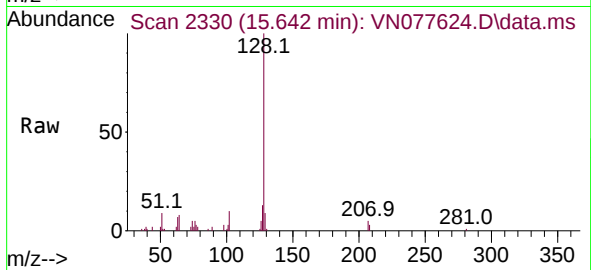
Tgt Ion:	128	Resp:	34154
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.0	15.0
129	12.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 6.849 ug/l

RT: 15.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: VN077624.D

Acq: 09 May 2023 10:58

Tgt Ion:	180	Resp:	12037
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.2	138.6
145	38.4	17.5	52.6

