

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077626.D
 Acq On : 09 May 2023 11:46
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: May 09 13:27:30 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)

Internal Standards						
1) Pentafluorobenzene	8.231	168	590127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1066890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	982656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	401184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147869	19.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.520%#		
35) Dibromofluoromethane	8.172	113	133399	20.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.100%#		
50) Toluene-d8	10.572	98	513399	20.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.760%#		
62) 4-Bromofluorobenzene	12.854	95	169045	19.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.680%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	141677	21.477	ug/l	97
3) Chloromethane	2.372	50	114349	21.354	ug/l	95
4) Vinyl Chloride	2.519	62	165342	21.011	ug/l	100
5) Bromomethane	2.966	94	130499	20.887	ug/l	98
6) Chloroethane	3.131	64	110408	20.234	ug/l	99
7) Trichlorofluoromethane	3.507	101	213028	17.270	ug/l	98
8) Diethyl Ether	3.972	74	74691	20.597	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.384	101	124425	20.187	ug/l	97
10) Methyl Iodide	4.595	142	179723	19.752	ug/l	97
11) Tert butyl alcohol	5.537	59	91043	103.409	ug/l	97
12) 1,1-Dichloroethene	4.354	96	117579	20.076	ug/l	95
13) Acrolein	4.184	56	76881	90.099	ug/l	98
14) Allyl chloride	5.031	41	113373	19.490	ug/l #	87
15) Acrylonitrile	5.731	53	224008	102.866	ug/l	100
16) Acetone	4.437	43	176505	99.019	ug/l	99
17) Carbon Disulfide	4.725	76	282603	20.066	ug/l	99
18) Methyl Acetate	5.037	43	142054	20.164	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	392557	20.370	ug/l	93
20) Methylene Chloride	5.290	84	142883	19.400	ug/l	89
21) trans-1,2-Dichloroethene	5.790	96	133242	20.113	ug/l	95
22) Diisopropyl ether	6.678	45	284562	19.816	ug/l	96
23) Vinyl Acetate	6.613	43	870960m	106.287	ug/l	
24) 1,1-Dichloroethane	6.578	63	217730	20.001	ug/l	97
25) 2-Butanone	7.489	43	258475	99.502	ug/l	99
26) 2,2-Dichloropropane	7.495	77	201356	20.410	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	155410	19.286	ug/l	97
28) Bromochloromethane	7.819	49	81867	20.611	ug/l	90
29) Tetrahydrofuran	7.848	42	157203	98.518	ug/l	92
30) Chloroform	7.972	83	256449	19.878	ug/l	96
31) Cyclohexane	8.260	56	188029	19.659	ug/l	92
32) 1,1,1-Trichloroethane	8.178	97	235650	19.838	ug/l	98
36) 1,1-Dichloropropene	8.372	75	183644	19.999	ug/l	99
37) Ethyl Acetate	7.572	43	101747	19.378	ug/l	94
38) Carbon Tetrachloride	8.372	117	195788	19.517	ug/l	97
39) Methylcyclohexane	9.601	83	240809	21.125	ug/l	97
40) Benzene	8.607	78	558882	20.119	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	57982	20.212	ug/l	94
42) 1,2-Dichloroethane	8.678	62	184279	19.782	ug/l	99
43) Isopropyl Acetate	8.689	43	189573	20.593	ug/l	95
44) Trichloroethene	9.360	130	144225	19.764	ug/l	97
45) 1,2-Dichloropropane	9.619	63	127541	19.968	ug/l	96
46) Dibromomethane	9.713	93	99886	20.103	ug/l	96
47) Bromodichloromethane	9.889	83	196641	20.263	ug/l	93
48) Methyl methacrylate	9.683	41	86091	19.925	ug/l	95
49) 1,4-Dioxane	9.695	88	51584	401.436	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	564310	104.195	ug/l	97
52) Toluene	10.630	92	376120	20.356	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	198324	20.975	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	213604	19.856	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	142300	19.863	ug/l	98
56) Ethyl methacrylate	10.877	69	189085	20.929	ug/l	92
57) 1,3-Dichloropropane	11.166	76	234985	20.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	370063	91.273	ug/l	96
59) 2-Hexanone	11.195	43	401711	104.947	ug/l	95
60) Dibromochloromethane	11.360	129	146732	20.632	ug/l	98
61) 1,2-Dibromoethane	11.472	107	146077	20.740	ug/l	99
64) Tetrachloroethene	11.107	164	117556	20.101	ug/l	94
65) Chlorobenzene	11.895	112	400894	19.848	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	147611	20.284	ug/l	98
67) Ethyl Benzene	11.966	91	730814	20.609	ug/l	98
68) m/p-Xylenes	12.071	106	583742	41.576	ug/l	99
69) o-Xylene	12.401	106	284181	20.193	ug/l	99
70) Styrene	12.413	104	452827	21.010	ug/l	99
71) Bromoform	12.583	173	88220	19.977	ug/l #	99
73) Isopropylbenzene	12.695	105	731226	20.432	ug/l	97
74) N-amyl acetate	12.495	43	165400	20.942	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	194825	19.802	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	165674m	20.968	ug/l	
77) Bromobenzene	12.983	156	155174	19.578	ug/l	95
78) n-propylbenzene	13.036	91	805840	20.976	ug/l	99
79) 2-Chlorotoluene	13.130	91	491578	20.090	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	592537	21.642	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	50064	19.255	ug/l	95
82) 4-Chlorotoluene	13.224	91	470519	20.505	ug/l	100
83) tert-Butylbenzene	13.442	119	532392	20.693	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	558800	21.717	ug/l	99
85) sec-Butylbenzene	13.618	105	740761	21.389	ug/l	99
86) p-Isopropyltoluene	13.730	119	583185	21.534	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	283483	20.577	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	274193	20.021	ug/l	98
89) n-Butylbenzene	14.060	91	454152	21.161	ug/l	98
90) Hexachloroethane	14.336	117	104969	20.210	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	277121	20.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33776	19.399	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	78749	16.807	ug/l	97
94) Hexachlorobutadiene	15.507	225	58950	20.144	ug/l	99
95) Naphthalene	15.642	128	270687	16.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	73313	16.744	ug/l	96

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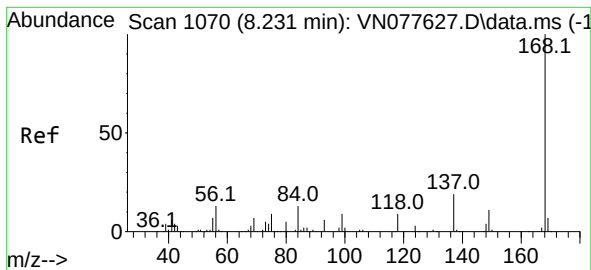
Manual Integrations
APPROVED

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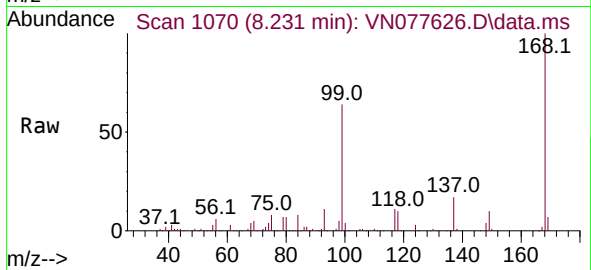
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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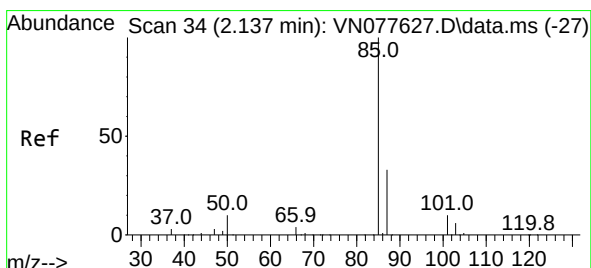
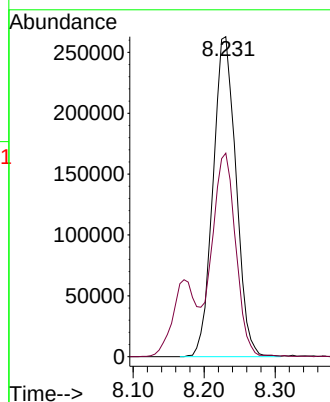
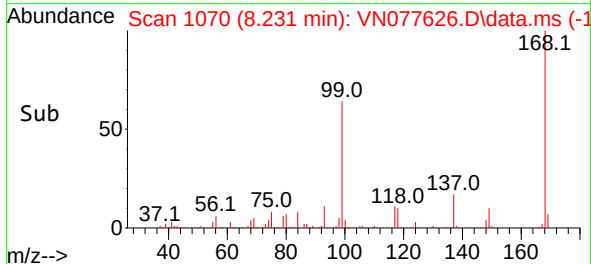
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 59012
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6

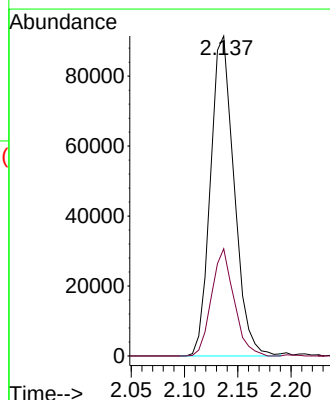
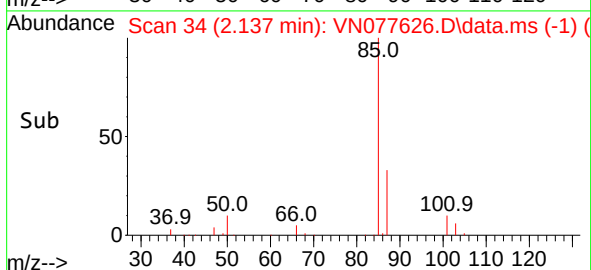
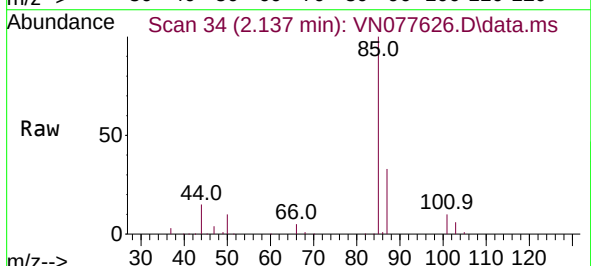
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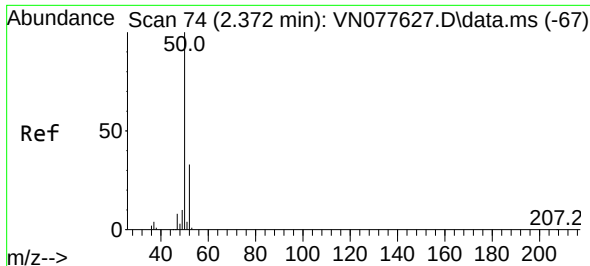
Reviewed By :John Carlone 05/09/2023
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#2
Dichlorodifluoromethane
Concen: 21.477 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

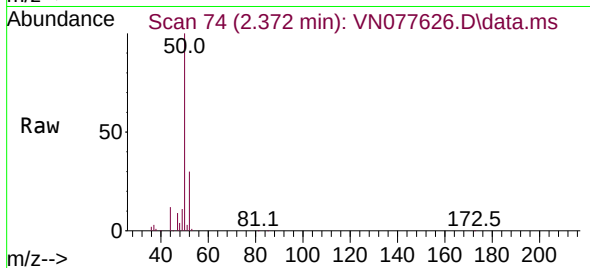
Tgt Ion: 85 Resp: 141677
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 21.354 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

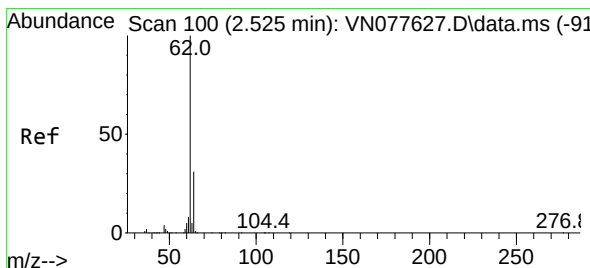
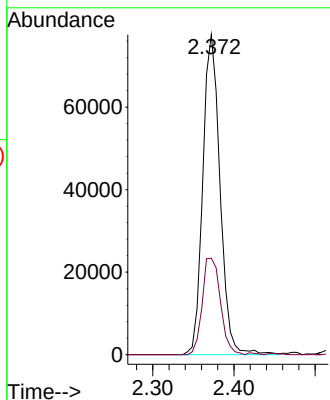
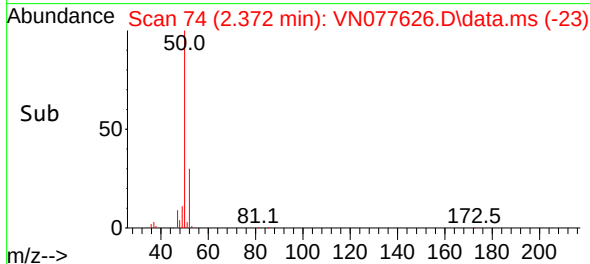
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Tgt Ion: 50 Resp: 114349
Ion Ratio Lower Upper
50 100
52 30.2 26.5 39.7

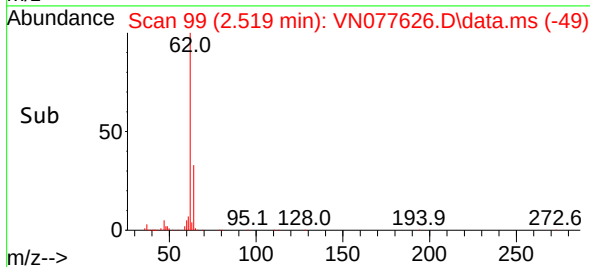
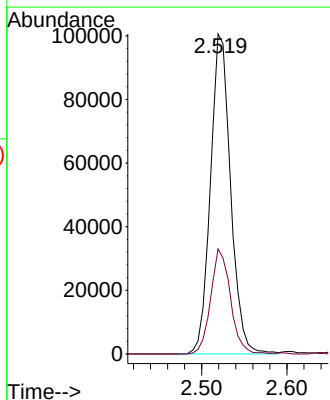
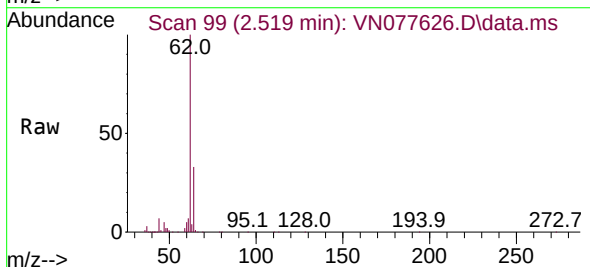
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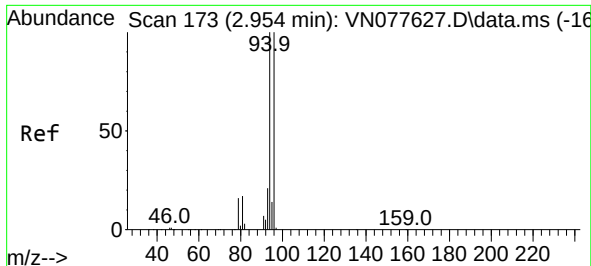
Reviewed By :John Carlone 05/09/2023
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#4
Vinyl Chloride
Concen: 21.011 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077626.D
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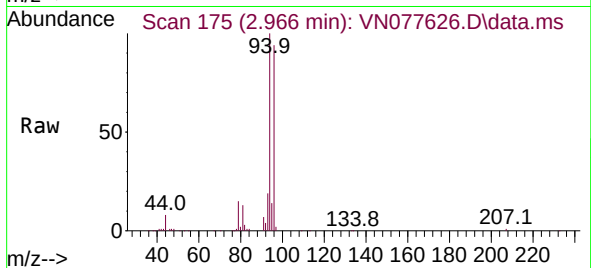
Tgt Ion: 62 Resp: 165342
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





#5
Bromomethane
Concen: 20.887 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

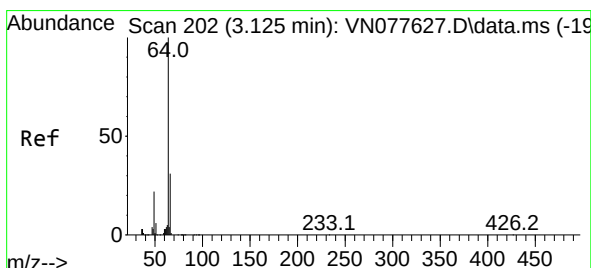
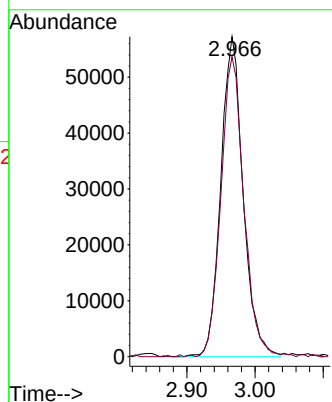
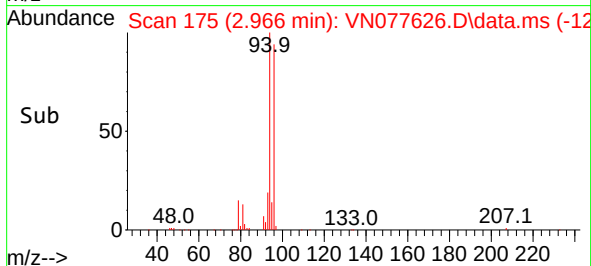
Instrument :
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Tgt Ion: 94 Resp: 130499
Ion Ratio Lower Upper
94 100
96 93.0 73.1 109.7

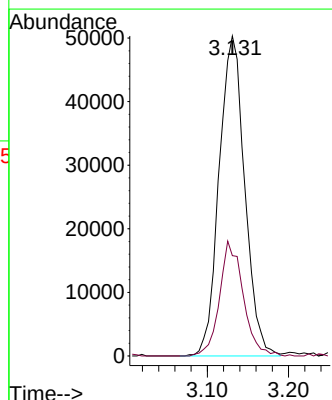
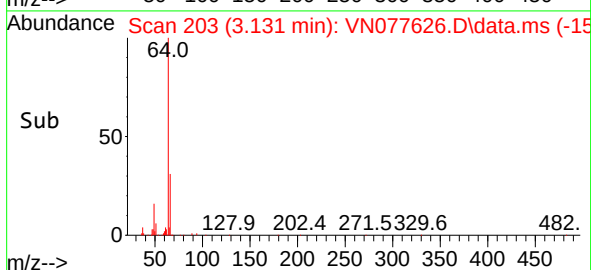
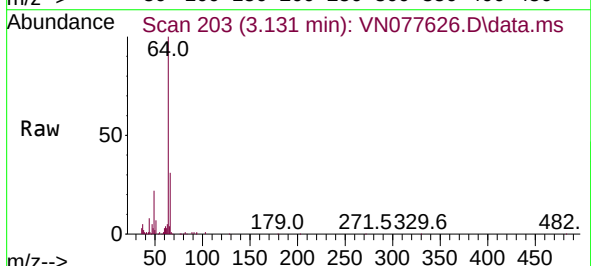
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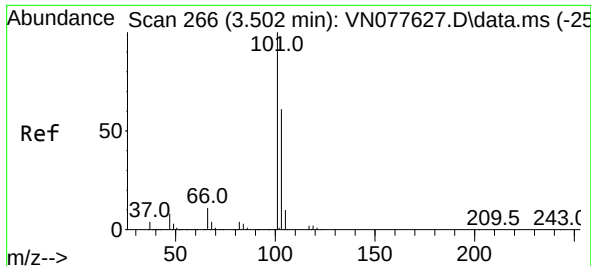
Reviewed By :John Carlone 05/09/2023
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#6
Chloroethane
Concen: 20.234 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
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Acq: 09 May 2023 11:46

Tgt Ion: 64 Resp: 110408
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2





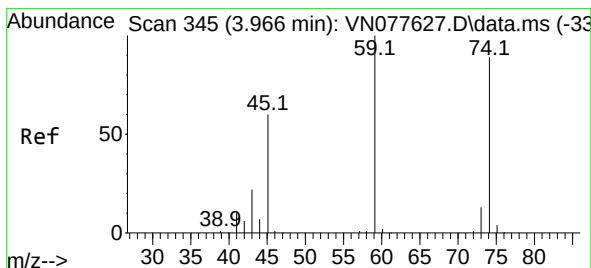
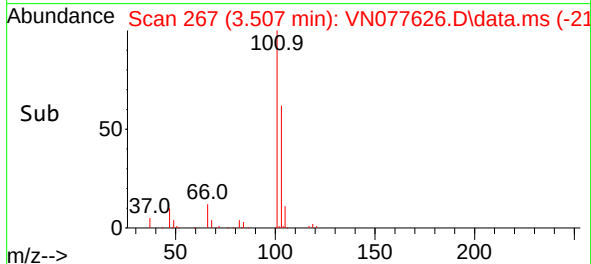
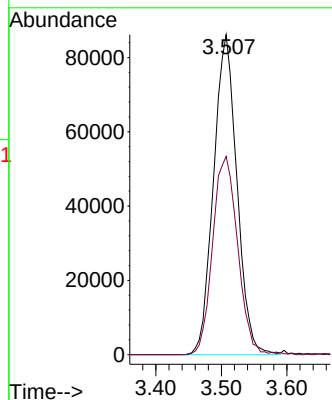
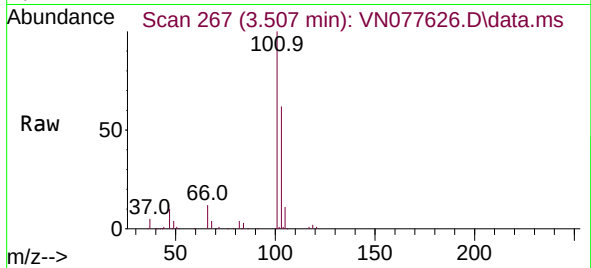
#7
 Trichlorofluoromethane
 Concen: 17.270 ug/l
 RT: 3.507 min Scan# 213028
 Delta R.T. 0.006 min
 Lab File: VN077626.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 213028
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.7 76.1

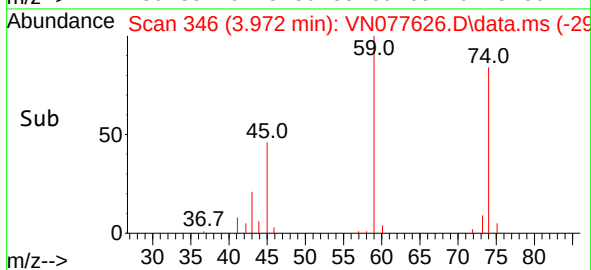
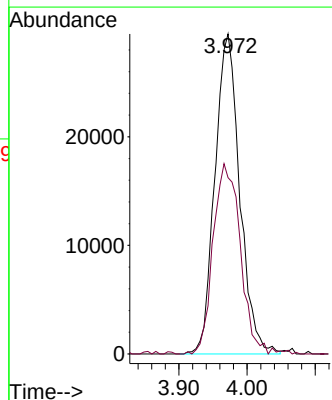
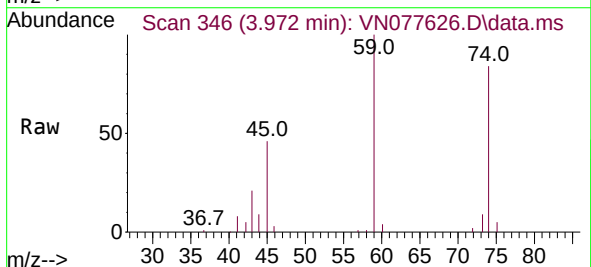
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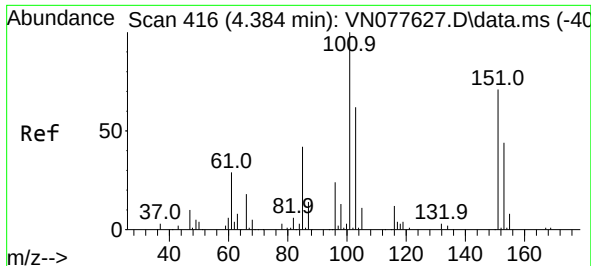
Reviewed By :John Carlone 05/09/2023
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#8
 Diethyl Ether
 Concen: 20.597 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 74691
 Ion Ratio Lower Upper
 74 100
 45 65.4 34.4 103.3





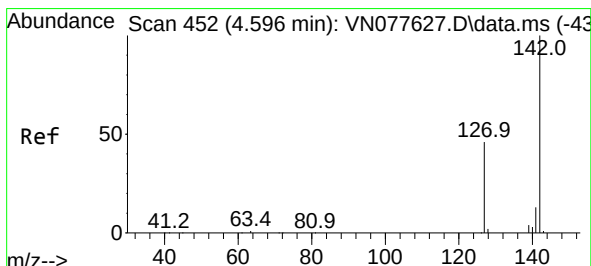
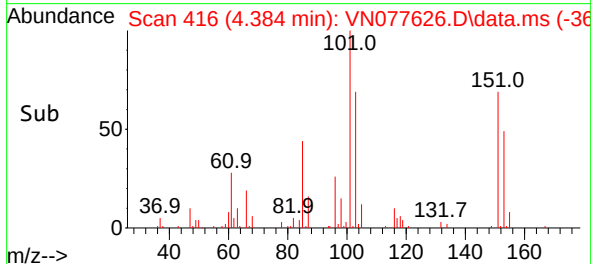
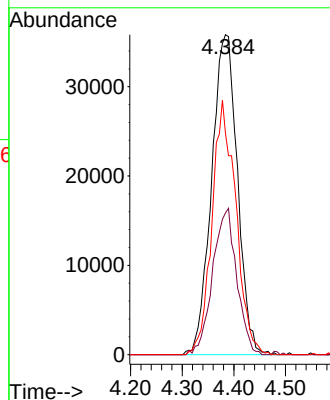
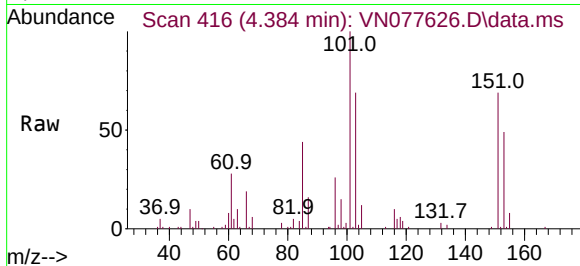
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.187 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 124425
Ion Ratio Lower Upper
101 100
85 42.7 36.6 55.0
151 73.4 57.6 86.4

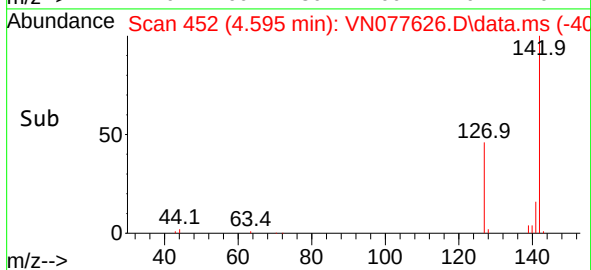
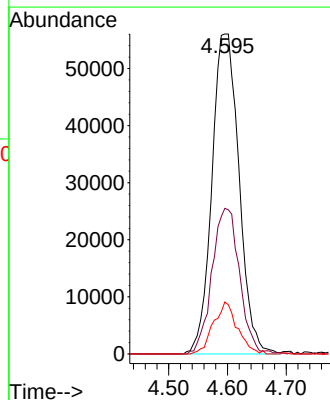
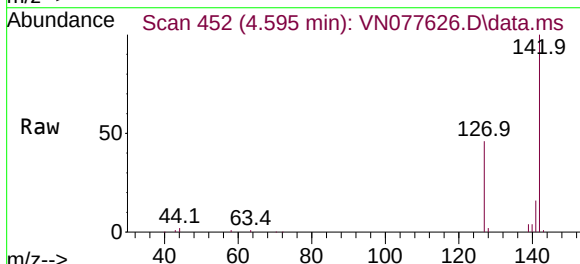
Manual Integrations
APPROVED

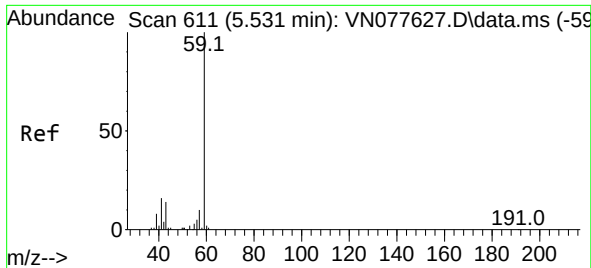
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 19.752 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion:142 Resp: 179723
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 16.3 11.4 17.0





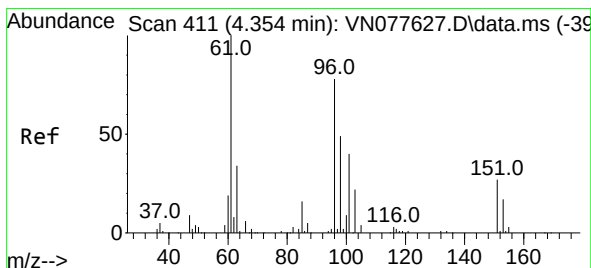
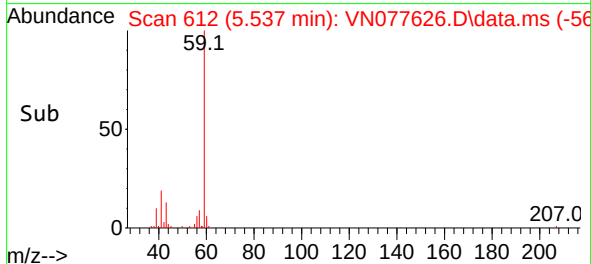
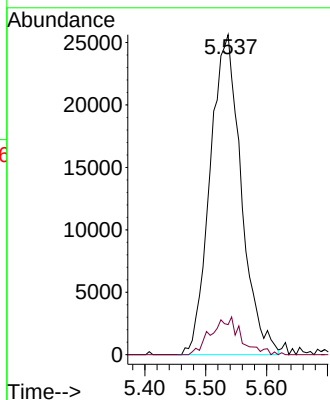
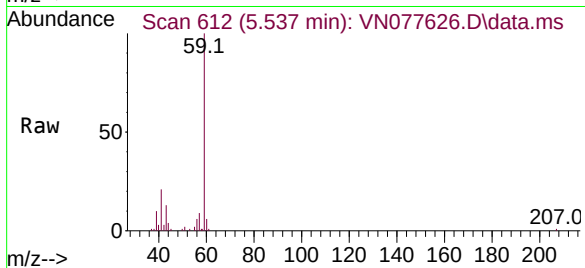
#11
Tert butyl alcohol
Concen: 103.409 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020

Tgt Ion: 59 Resp: 9104
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

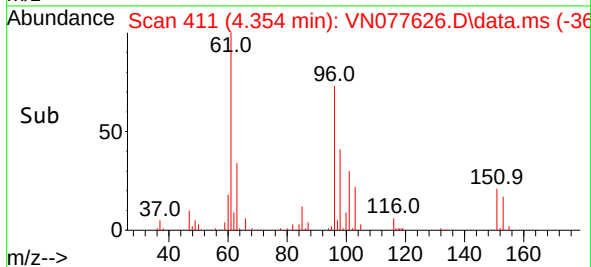
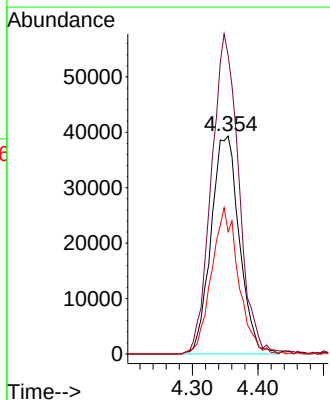
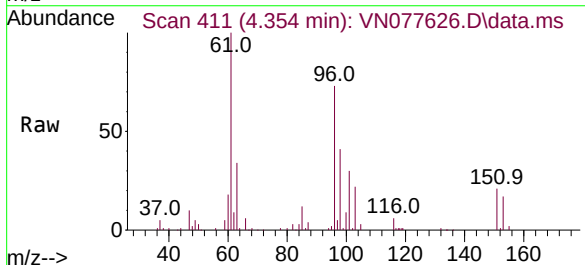
Manual Integrations
APPROVED

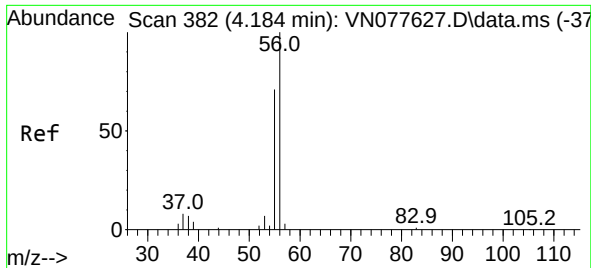
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#12
1,1-Dichloroethene
Concen: 20.076 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

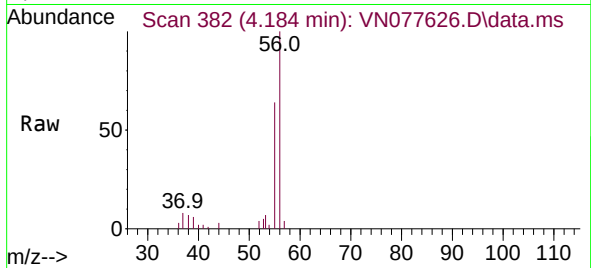
Tgt Ion: 96 Resp: 117579
Ion Ratio Lower Upper
96 100
61 137.1 112.7 169.1
98 56.1 51.2 76.8





#13
Acrolein
Concen: 90.099 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

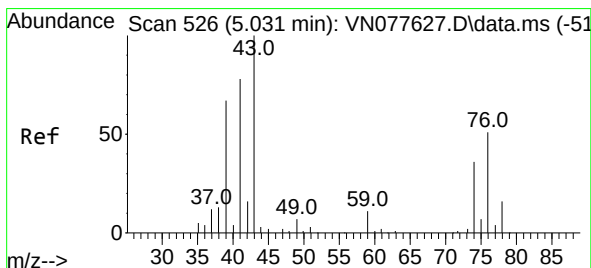
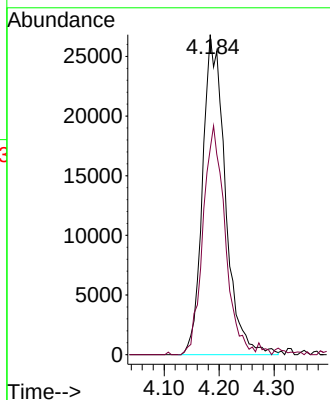
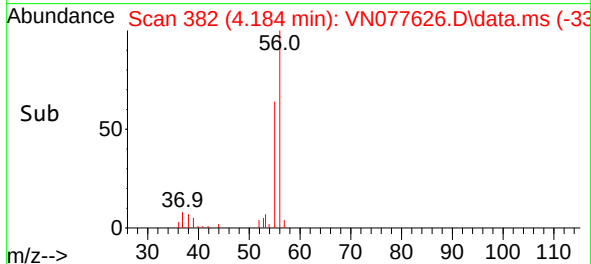
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



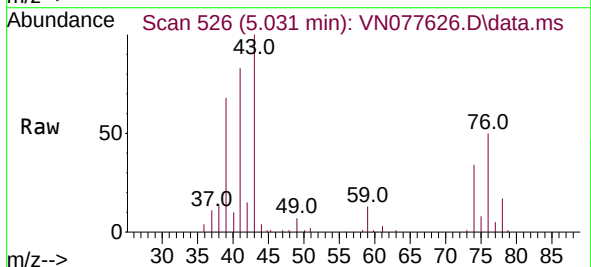
Tgt Ion: 56 Resp: 7688
Ion Ratio Lower Upper
56 100
55 69.6 54.5 81.7

Manual Integrations
APPROVED

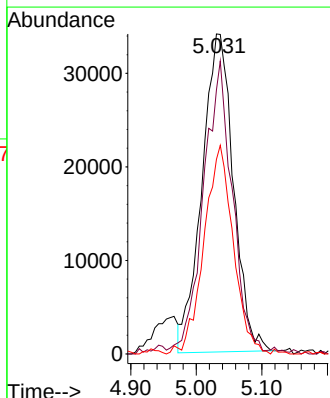
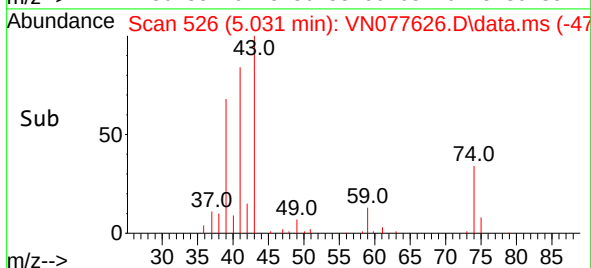
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

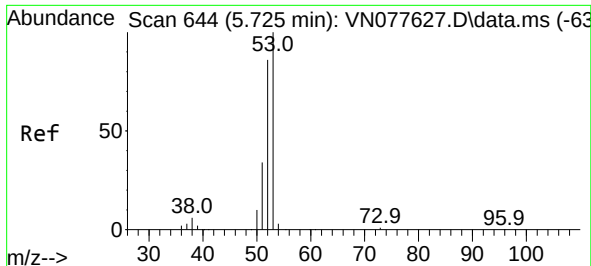


#14
Allyl chloride
Concen: 19.490 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



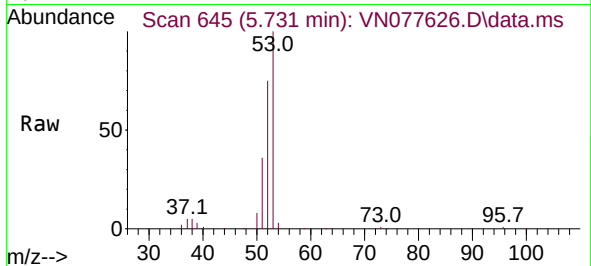
Tgt Ion: 41 Resp: 113373
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 60.8 39.1 58.7#





#15
Acrylonitrile
Concen: 102.866 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

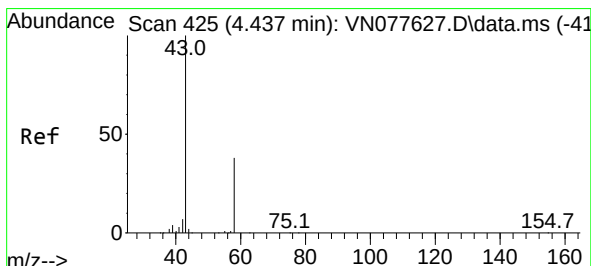
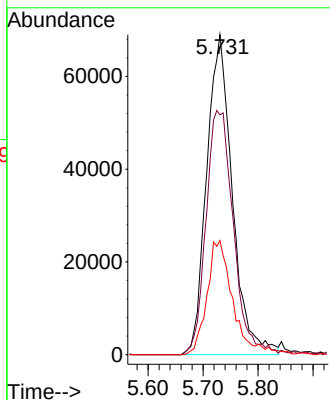
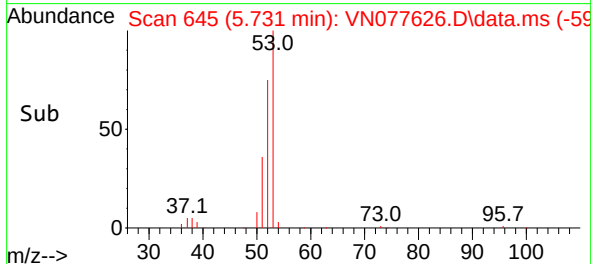
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 224008
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 36.1 28.9 43.3

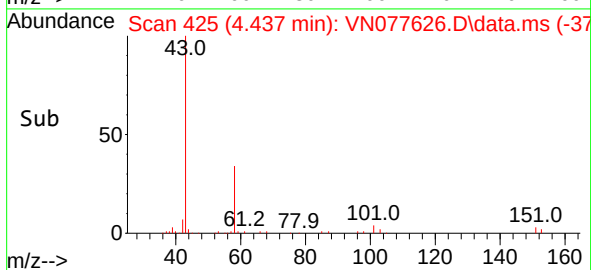
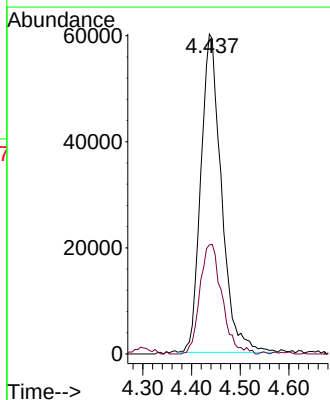
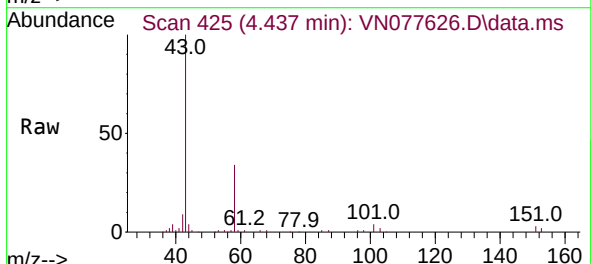
Manual Integrations
APPROVED

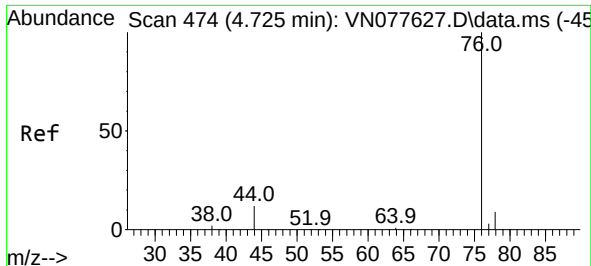
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#16
Acetone
Concen: 99.019 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

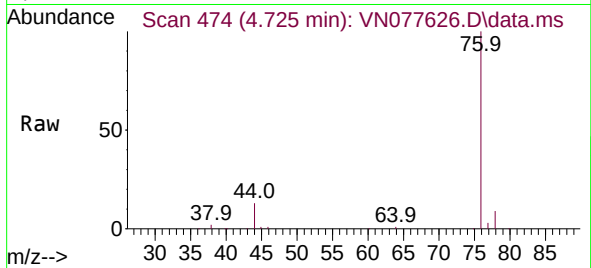
Tgt Ion: 43 Resp: 176505
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0





#17
Carbon Disulfide
Concen: 20.066 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

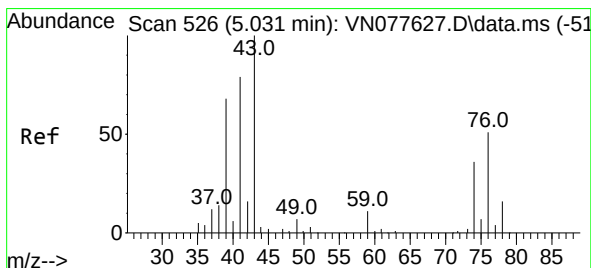
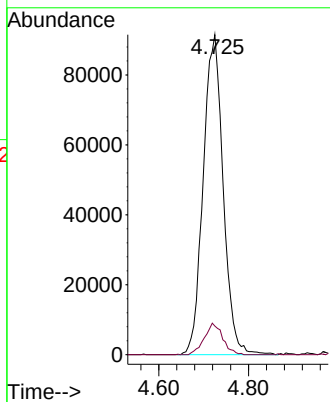
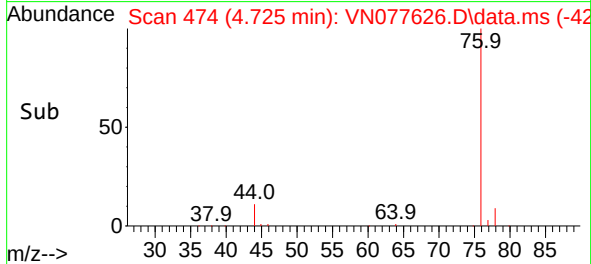
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



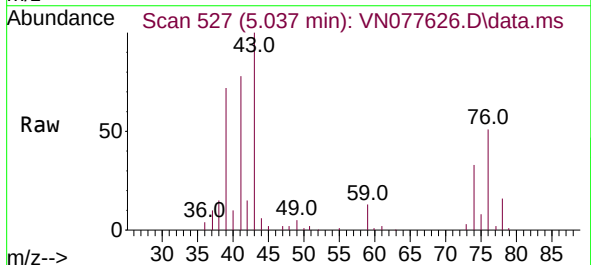
Tgt Ion: 76 Resp: 28260
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

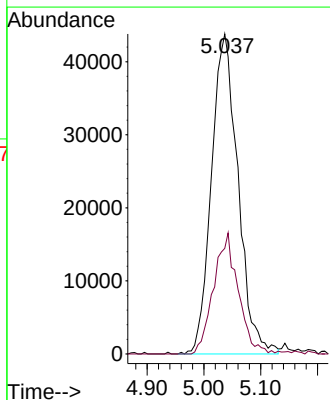
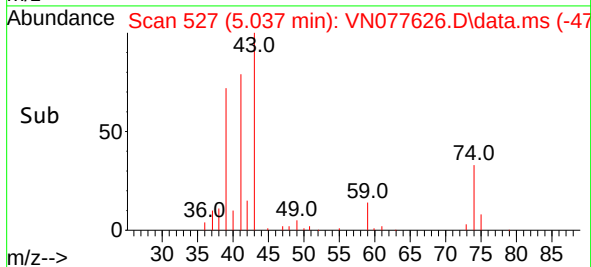
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

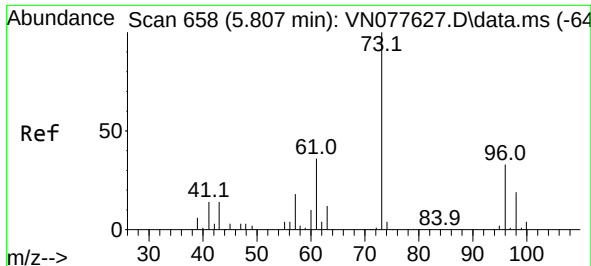


#18
Methyl Acetate
Concen: 20.164 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



Tgt Ion: 43 Resp: 142054
Ion Ratio Lower Upper
43 100
74 35.0 26.2 39.4





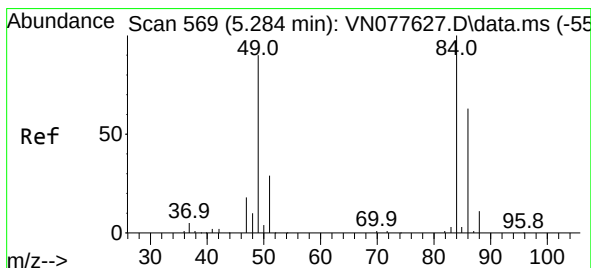
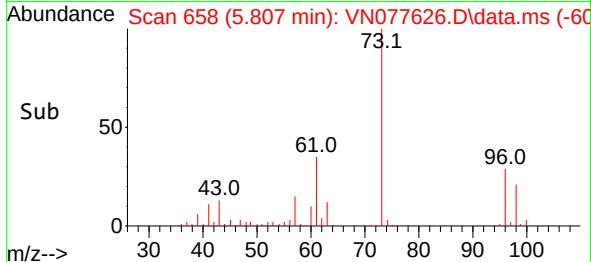
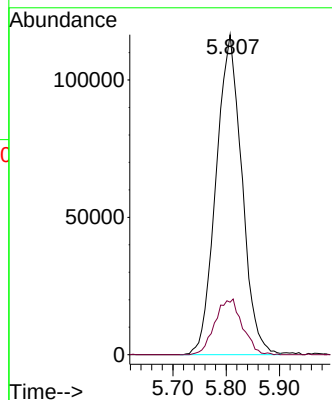
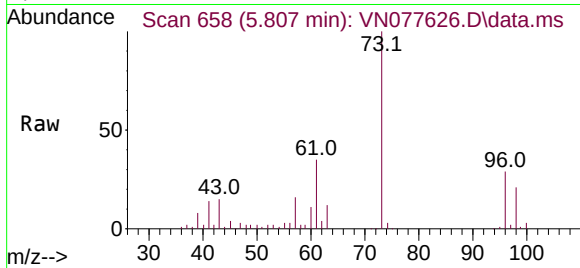
#19
Methyl tert-butyl Ether
Concen: 20.370 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 39255
Ion Ratio Lower Upper
73 100
57 16.4 15.6 23.4

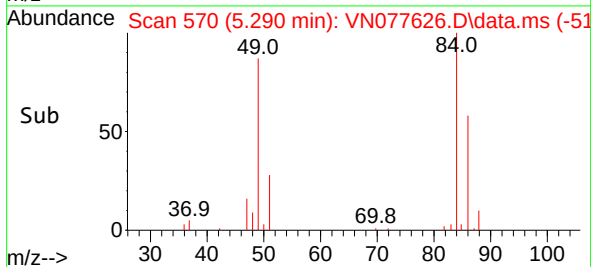
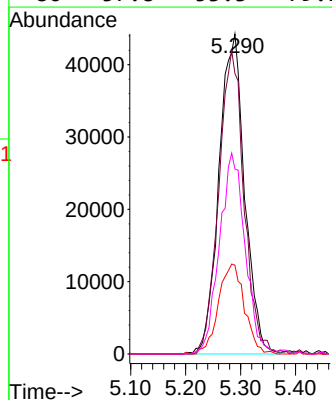
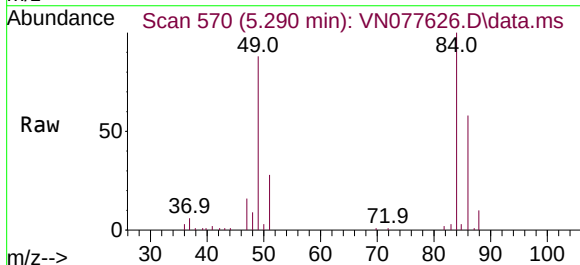
Manual Integrations
APPROVED

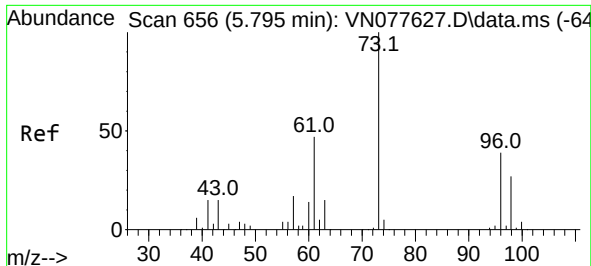
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#20
Methylene Chloride
Concen: 19.400 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 84 Resp: 142883
Ion Ratio Lower Upper
84 100
49 87.6 79.7 119.5
51 27.8 25.2 37.8
86 57.8 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 20.113 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 13324

Ion Ratio Lower Upper

96 100

61 105.8 90.1 135.1

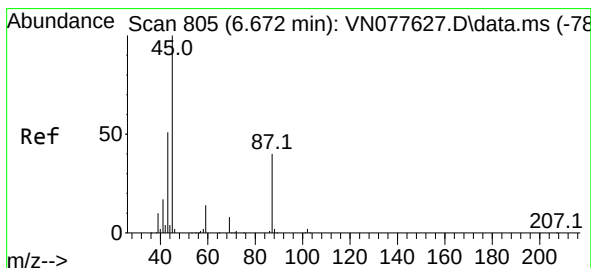
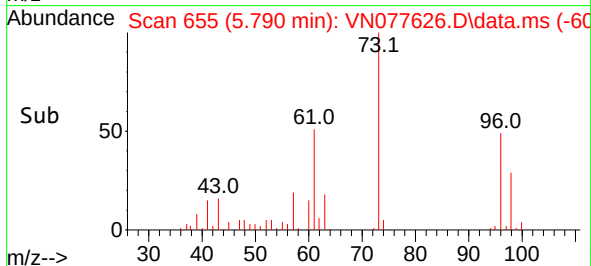
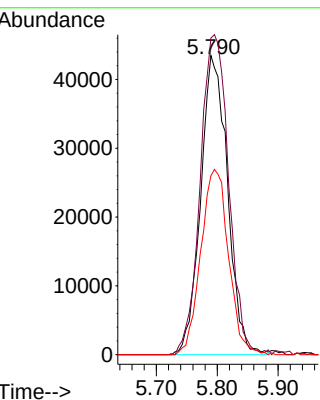
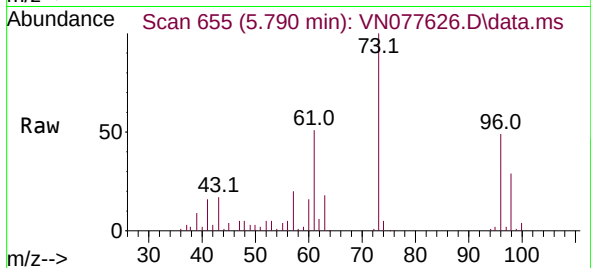
98 59.8 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#22

Diisopropyl ether

Concen: 19.816 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Tgt Ion: 45 Resp: 284562

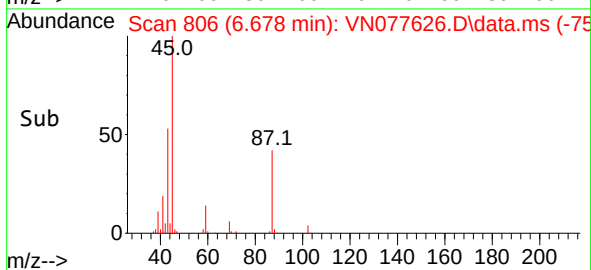
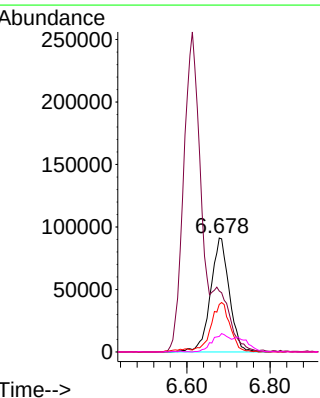
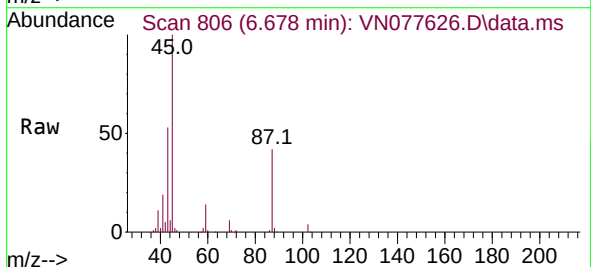
Ion Ratio Lower Upper

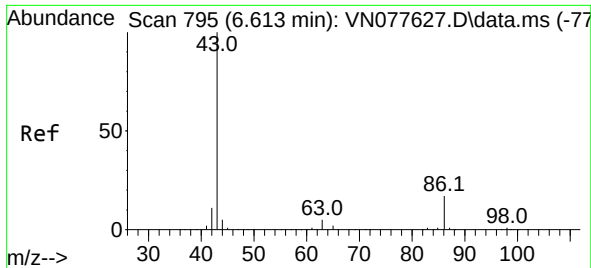
45 100

43 52.7 45.5 68.3

87 41.7 31.8 47.8

59 13.6 11.6 17.4





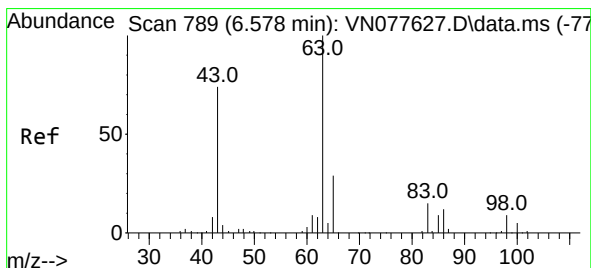
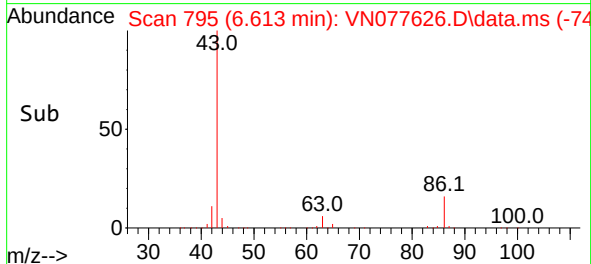
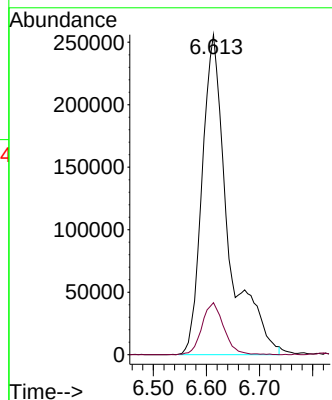
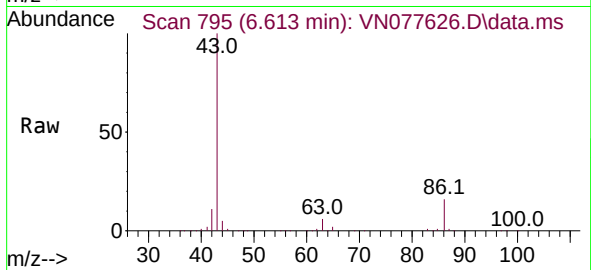
#23
 Vinyl Acetate
 Concen: 106.287 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 870960
 Ion Ratio Lower Upper
 43 100
 86 16.2 13.0 19.6

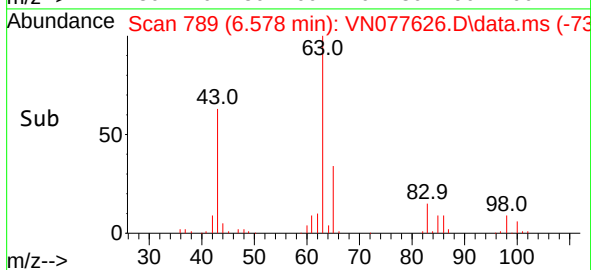
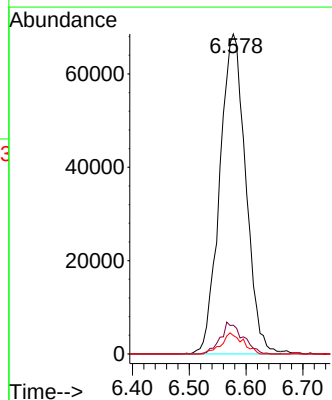
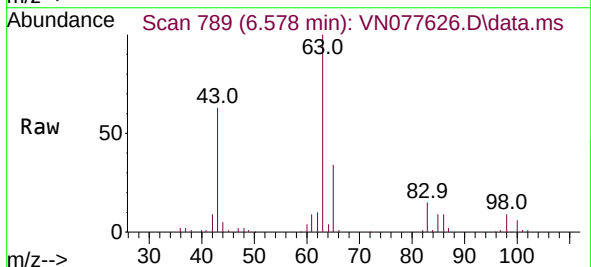
Manual Integrations
 APPROVED

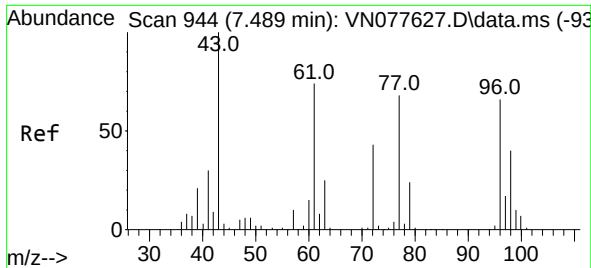
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#24
 1,1-Dichloroethane
 Concen: 20.001 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46

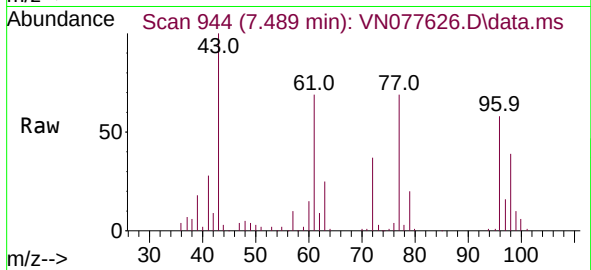
Tgt Ion: 63 Resp: 217730
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.8 2.5 7.4





#25
2-Butanone
Concen: 99.502 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

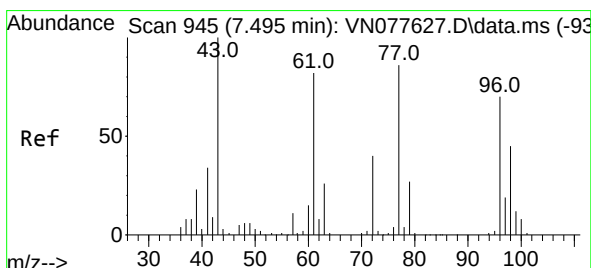
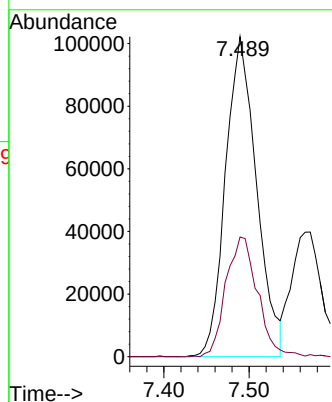
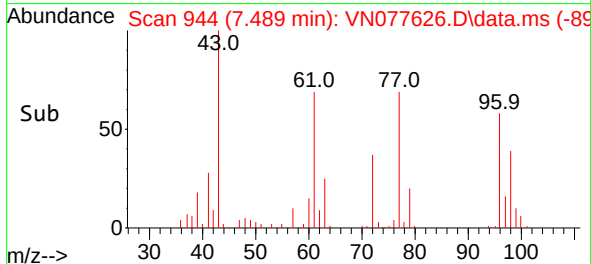
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



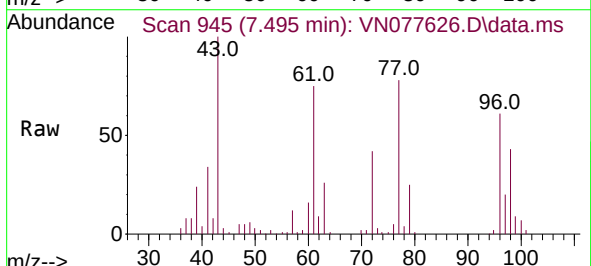
Tgt Ion: 43 Resp: 258475
Ion Ratio Lower Upper
43 100
72 37.4 30.2 45.2

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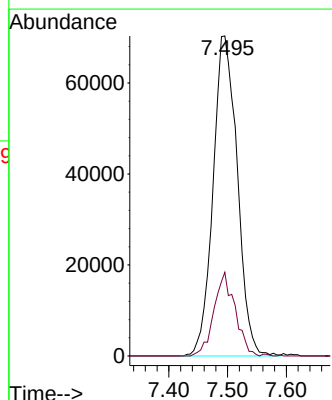
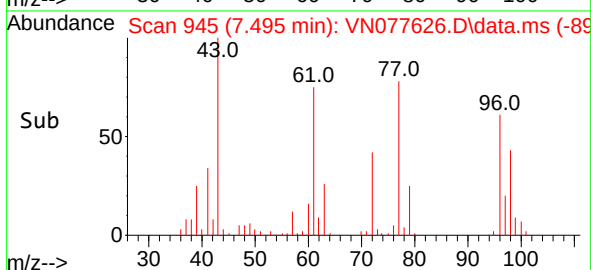
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

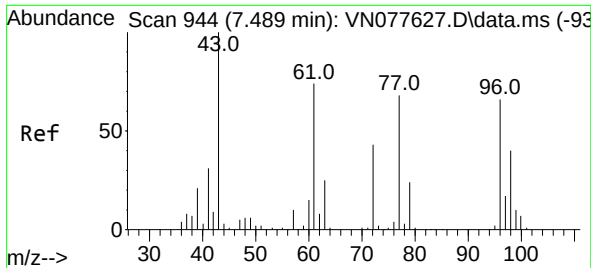


#26
2,2-Dichloropropane
Concen: 20.410 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



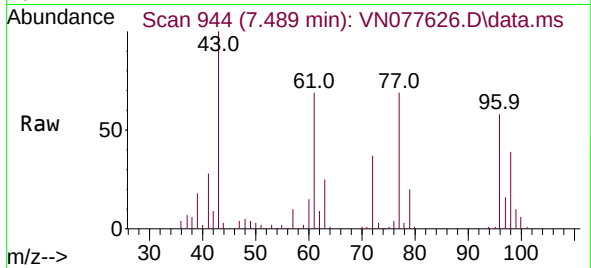
Tgt Ion: 77 Resp: 201356
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.286 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46

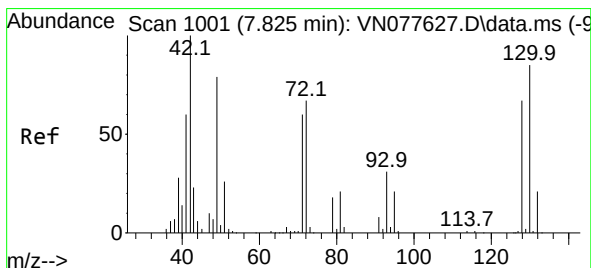
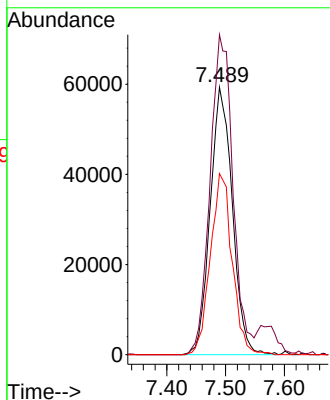
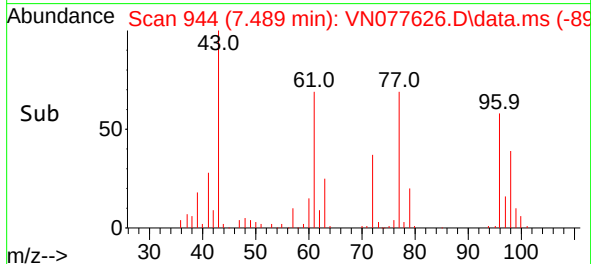
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



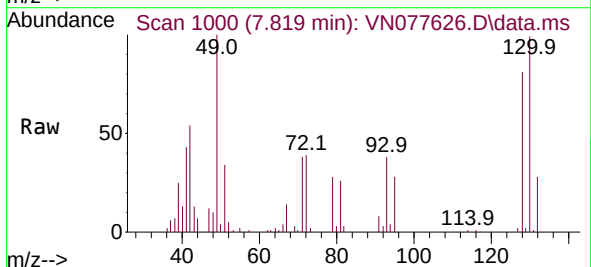
Tgt Ion: 96 Resp: 155410
 Ion Ratio Lower Upper
 96 100
 61 123.4 0.0 255.2
 98 66.6 0.0 128.8

Manual Integrations
 APPROVED

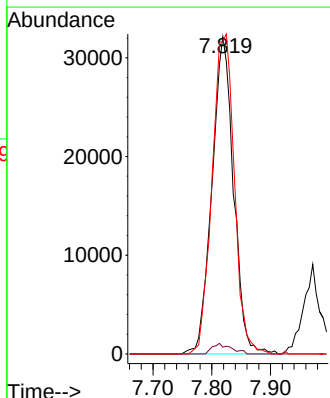
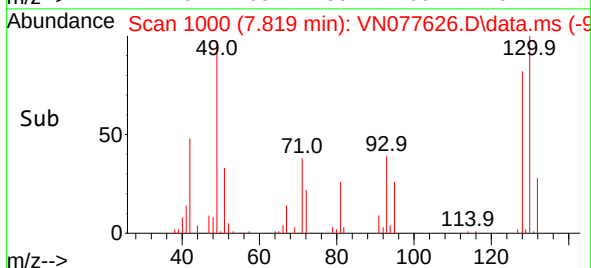
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

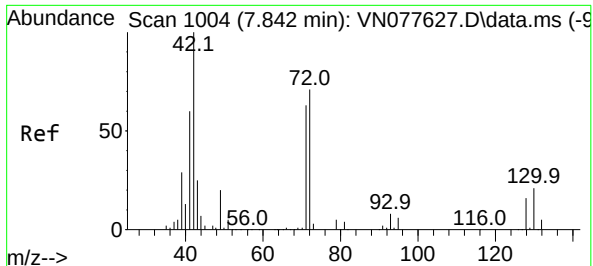


#28
 Bromochloromethane
 Concen: 20.611 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.006 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46



Tgt Ion: 49 Resp: 81867
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.8
 130 103.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 98.518 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077626.D

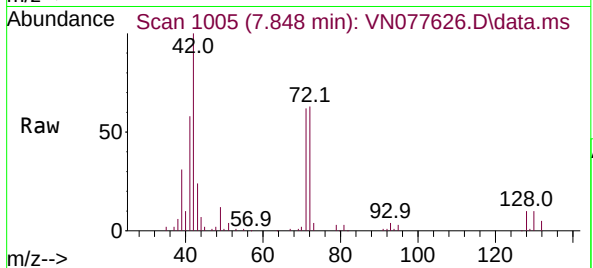
Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



Tgt Ion: 42 Resp: 15720

Ion Ratio Lower Upper

42 100

72 68.9 49.8 74.6

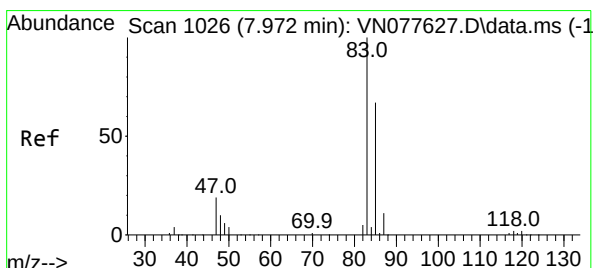
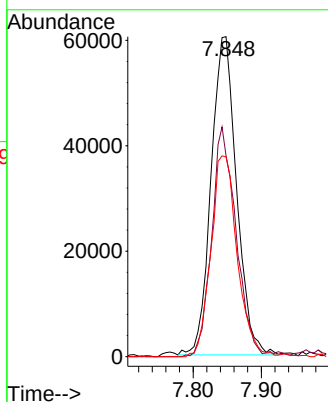
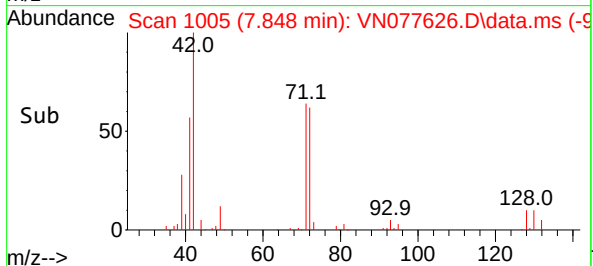
71 65.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#30

Chloroform

Concen: 19.878 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077626.D

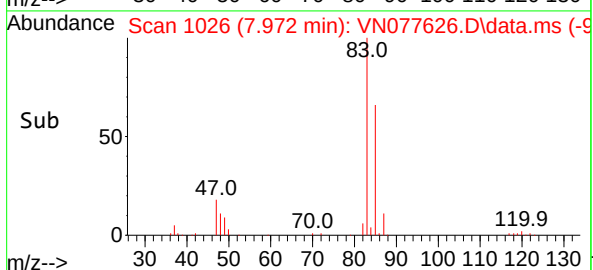
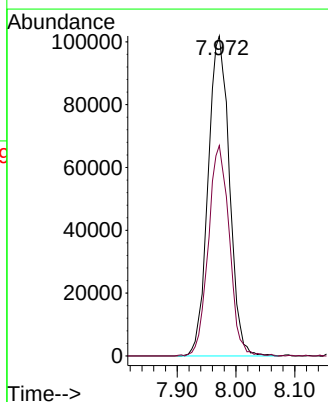
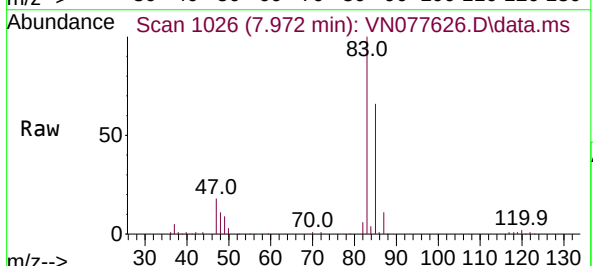
Acq: 09 May 2023 11:46

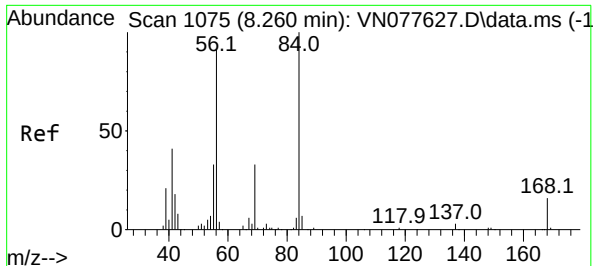
Tgt Ion: 83 Resp: 256449

Ion Ratio Lower Upper

83 100

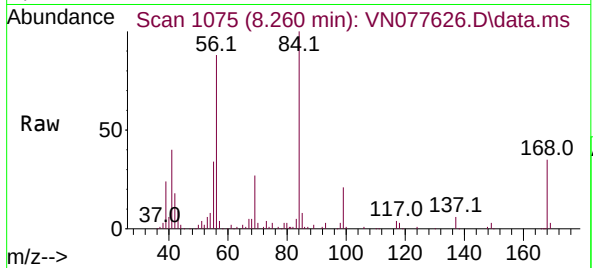
85 65.7 55.4 83.0





#31
Cyclohexane
Concen: 19.659 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

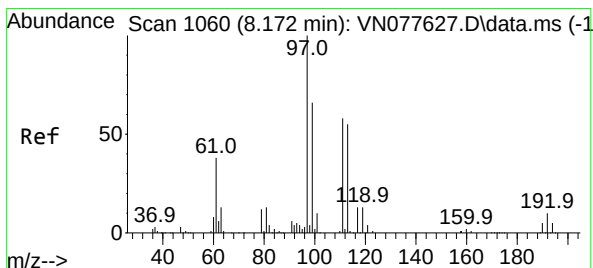
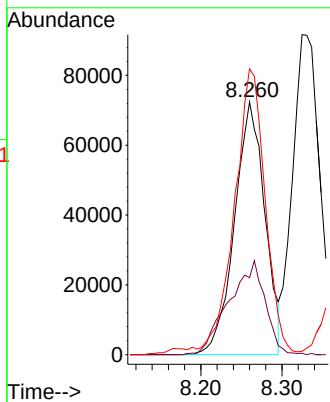
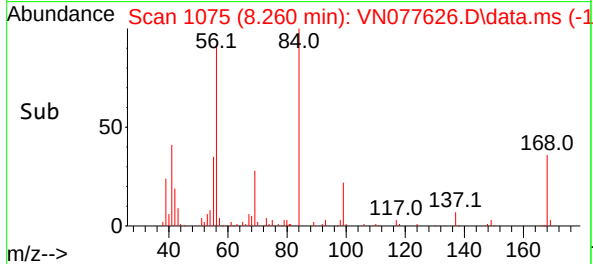
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



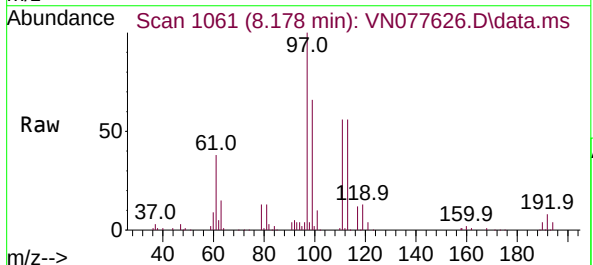
Tgt Ion: 56 Resp: 188029
Ion Ratio Lower Upper
56 100
69 30.0 26.8 40.2
84 110.7 81.8 122.6

Manual Integrations
APPROVED

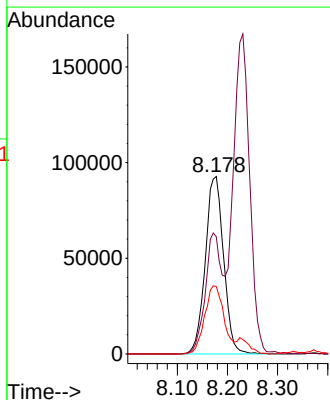
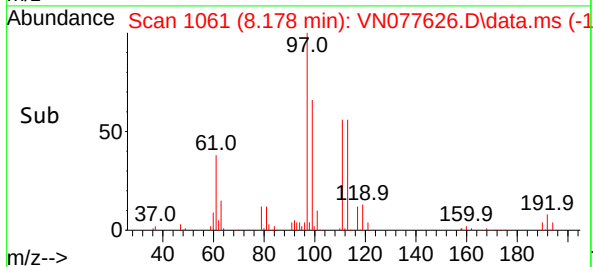
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

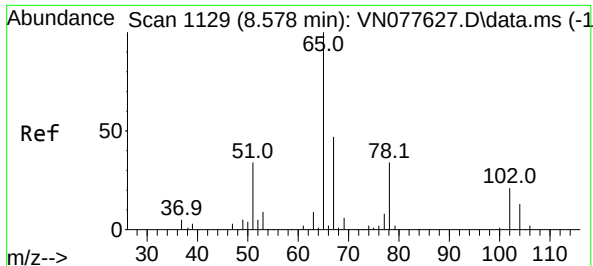


#32
1,1,1-Trichloroethane
Concen: 19.838 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



Tgt Ion: 97 Resp: 235650
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 40.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 19.758 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 147869

Ion Ratio Lower Upper

65 100

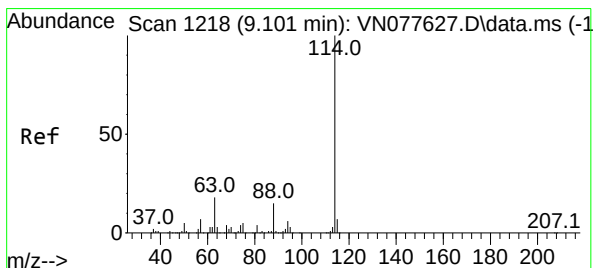
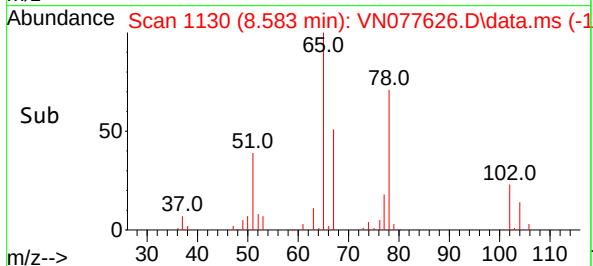
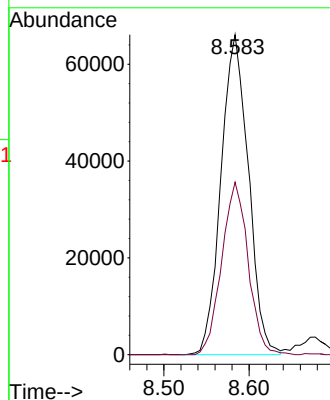
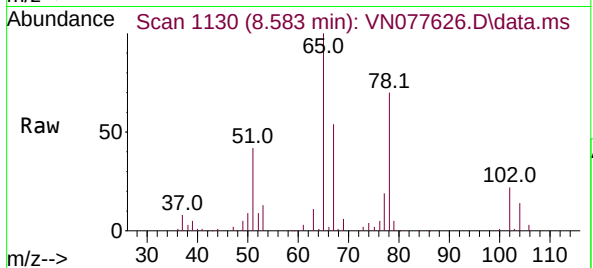
67 51.9 0.0 106.6

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: 9.101 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

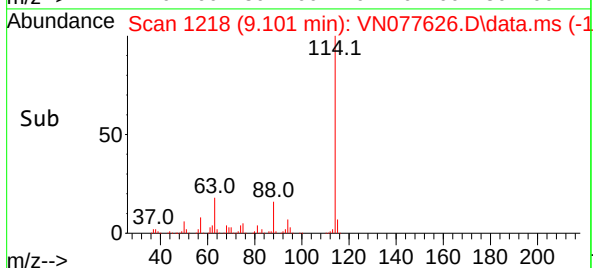
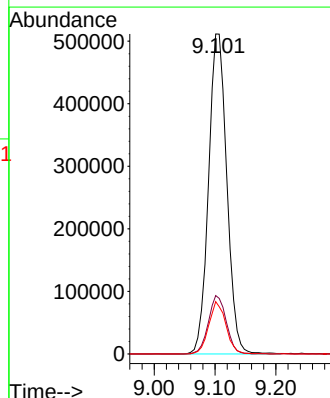
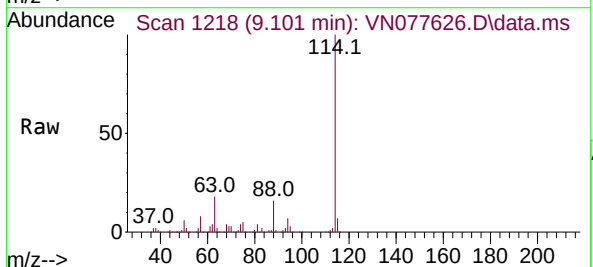
Tgt Ion:114 Resp: 1066890

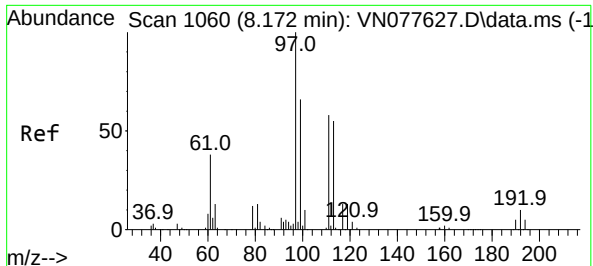
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.048 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 133399

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

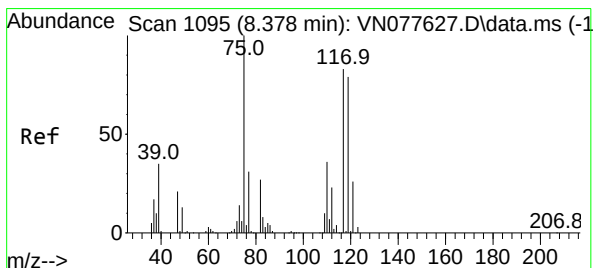
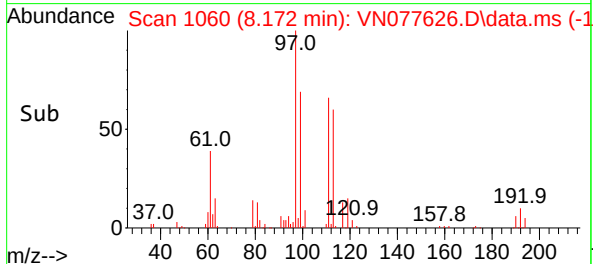
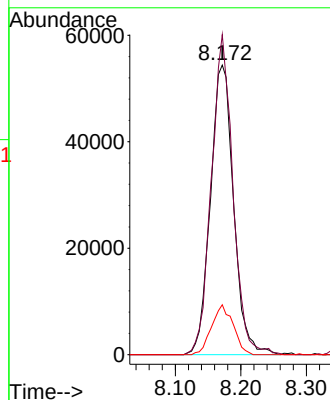
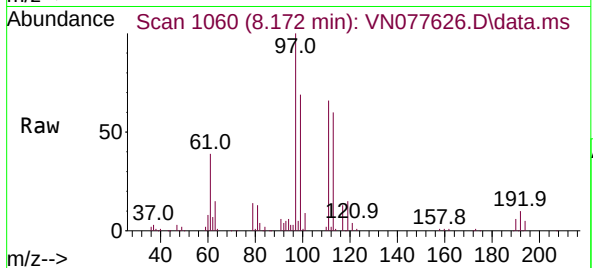
192 16.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#36

1,1-Dichloropropene

Concen: 19.999 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

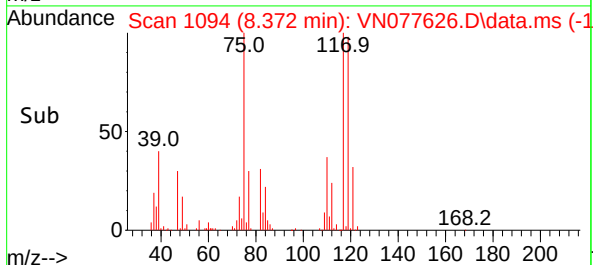
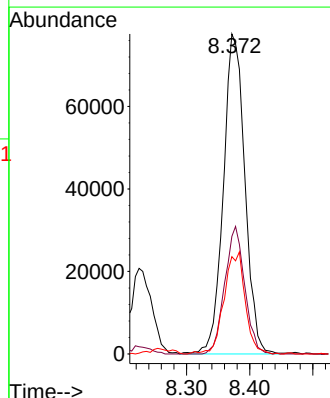
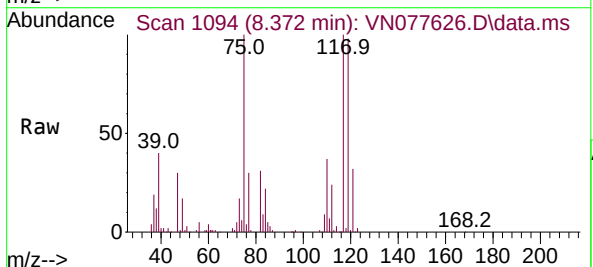
Tgt Ion: 75 Resp: 183644

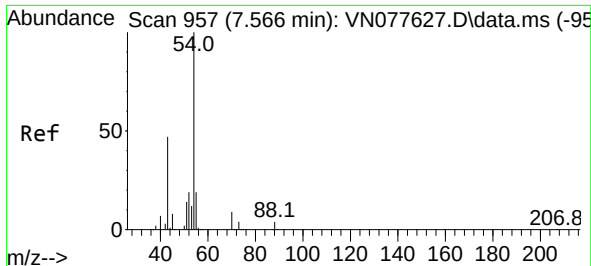
Ion Ratio Lower Upper

75 100

110 37.0 19.1 57.3

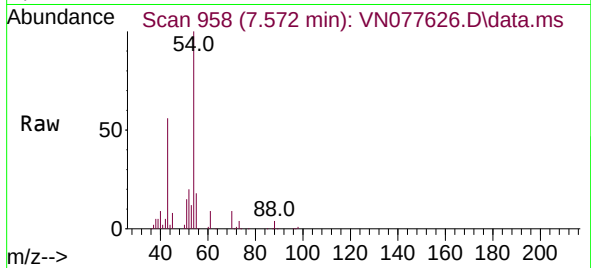
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 19.378 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

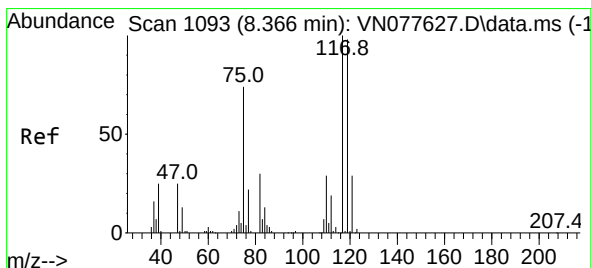
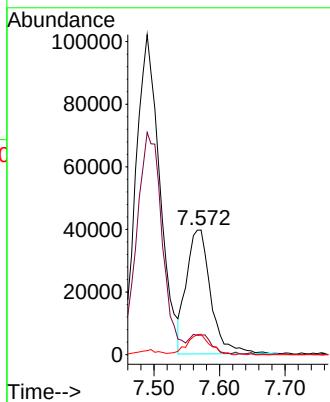
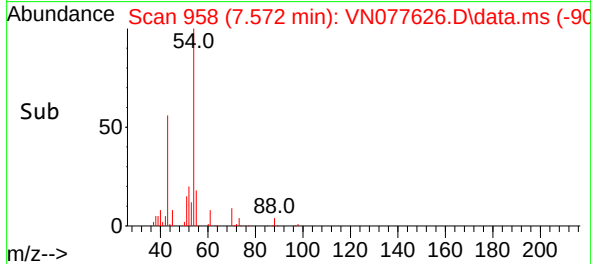
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 10174
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 15.8 11.3 16.9

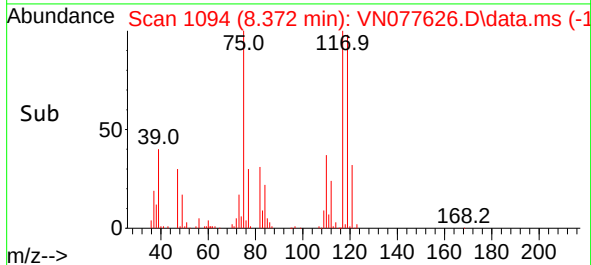
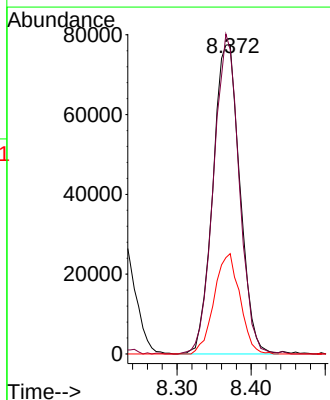
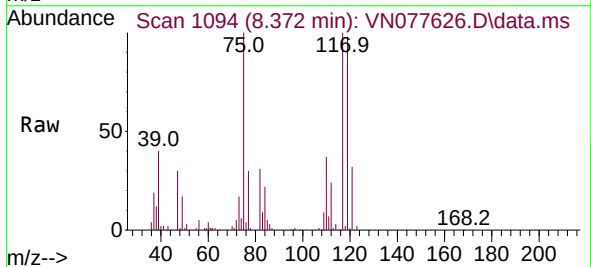
Manual Integrations
APPROVED

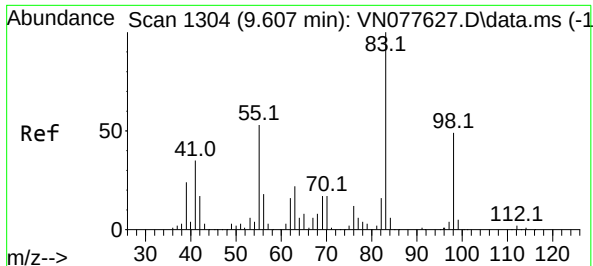
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#38
Carbon Tetrachloride
Concen: 19.517 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion:117 Resp: 195788
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 32.4 23.3 34.9





#39

Methylcyclohexane

Concen: 21.125 ug/l

RT: 9.601 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 240809

Ion Ratio Lower Upper

83 100

55 60.1 49.1 73.7

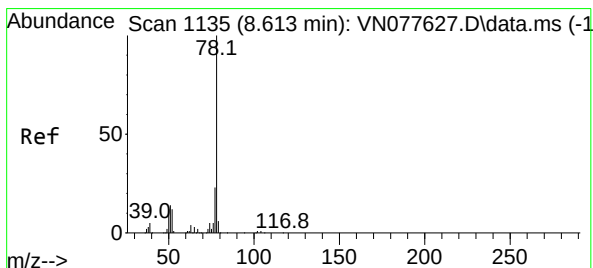
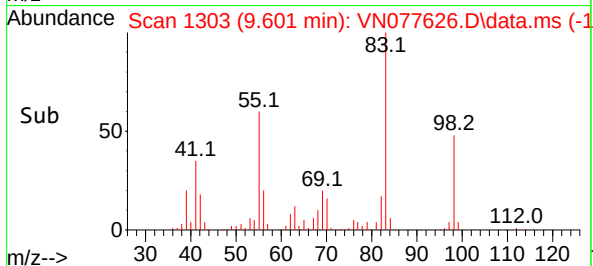
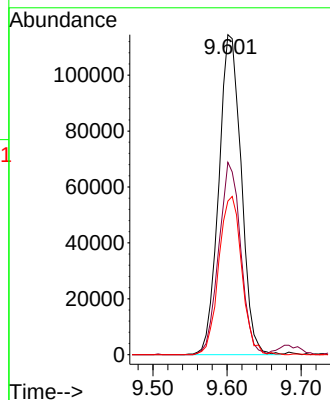
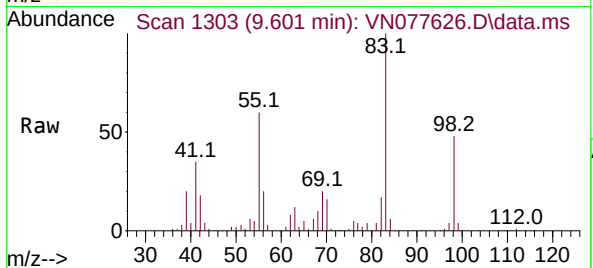
98 48.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#40

Benzene

Concen: 20.119 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077626.D

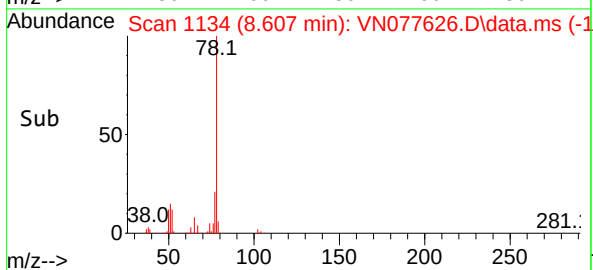
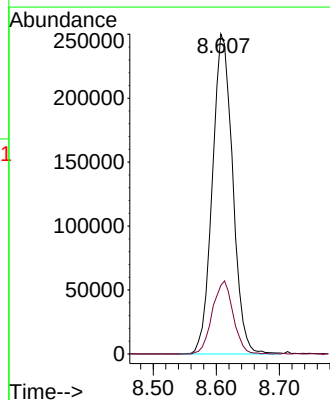
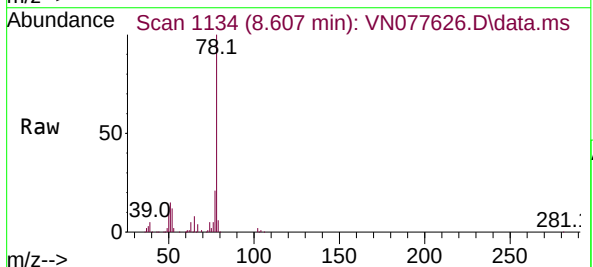
Acq: 09 May 2023 11:46

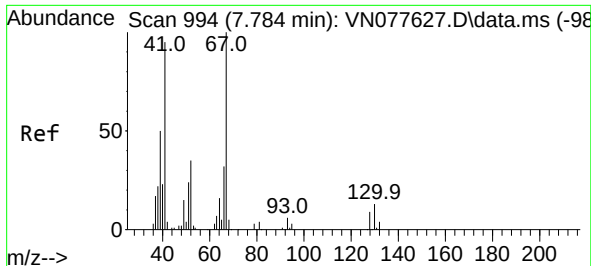
Tgt Ion: 78 Resp: 558882

Ion Ratio Lower Upper

78 100

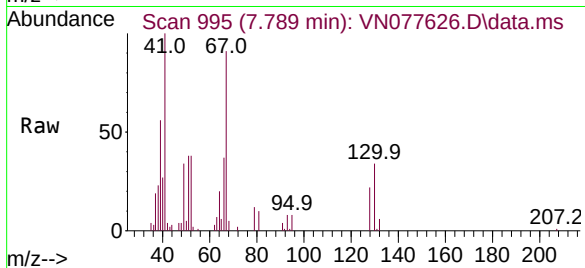
77 21.4 19.0 28.6





#41
Methacrylonitrile
Concen: 20.212 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

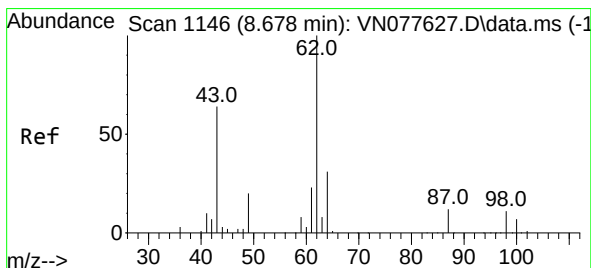
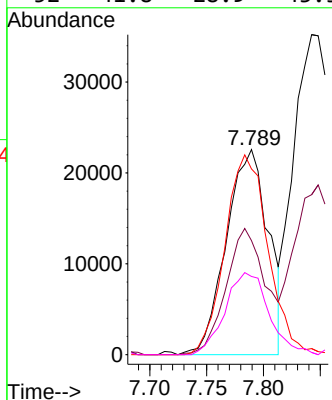
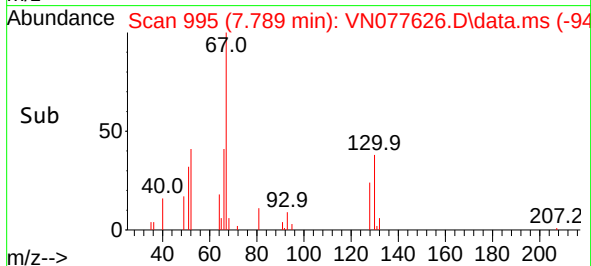
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 5798
Ion Ratio Lower Upper
41 100
39 58.1 42.6 64.0
67 100.2 77.5 116.3
52 41.8 28.9 43.3

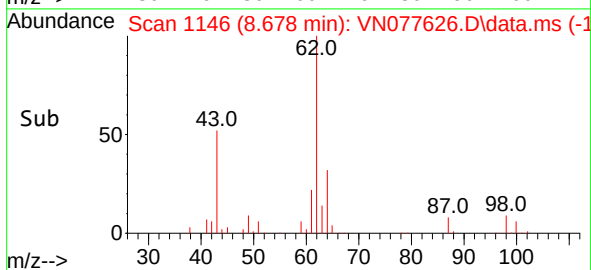
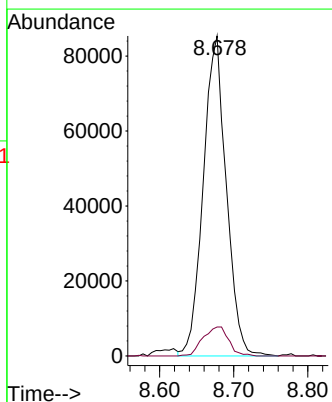
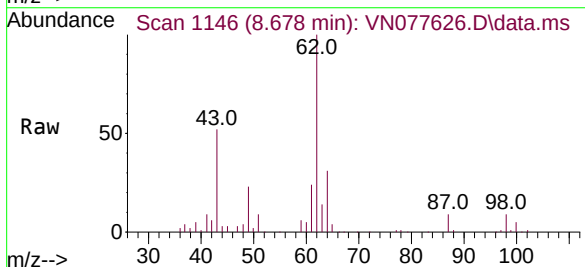
Manual Integrations
APPROVED

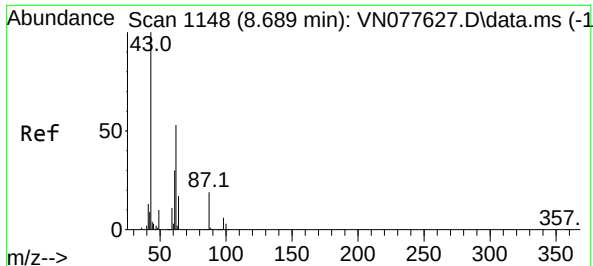
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#42
1,2-Dichloroethane
Concen: 19.782 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 62 Resp: 184279
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.593 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 18957

Ion Ratio Lower Upper

43 100

61 34.5 24.7 37.1

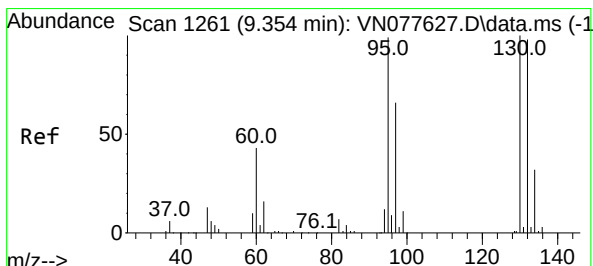
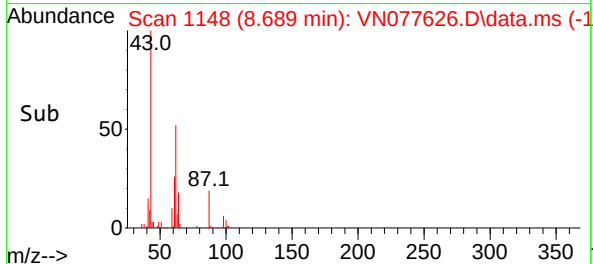
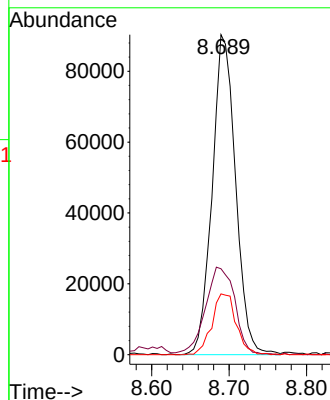
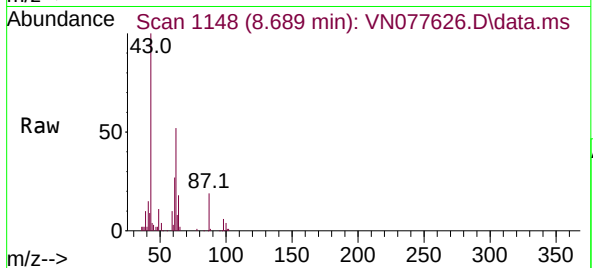
87 19.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#44

Trichloroethene

Concen: 19.764 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077626.D

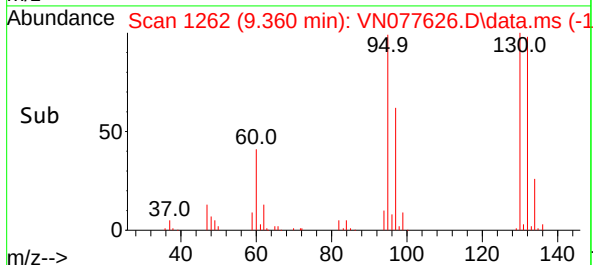
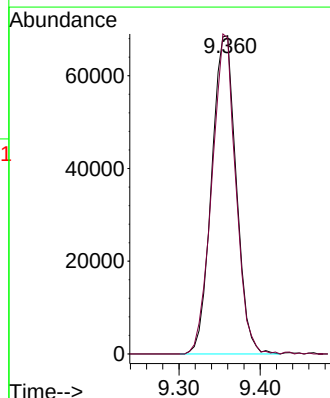
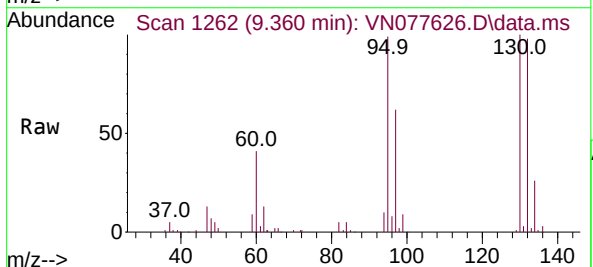
Acq: 09 May 2023 11:46

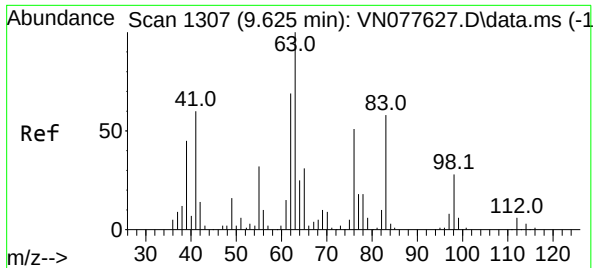
Tgt Ion:130 Resp: 144225

Ion Ratio Lower Upper

130 100

95 99.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.968 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 12754

Ion Ratio Lower Upper

63 100

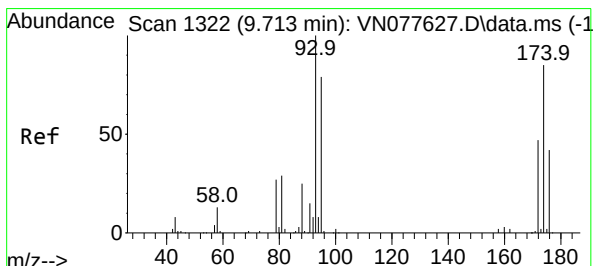
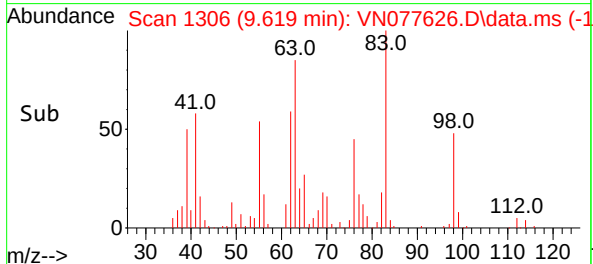
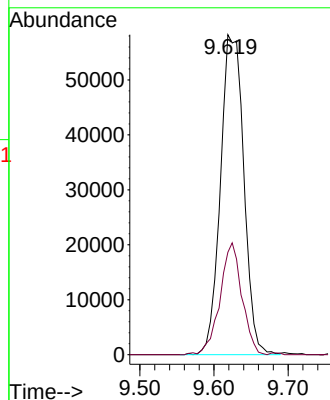
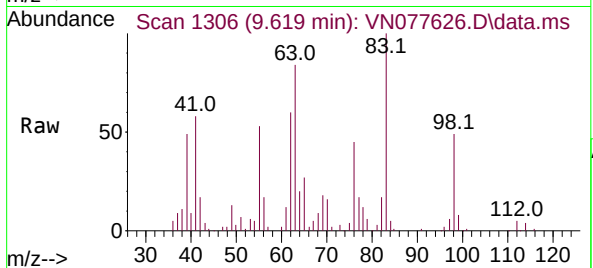
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#46

Dibromomethane

Concen: 20.103 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

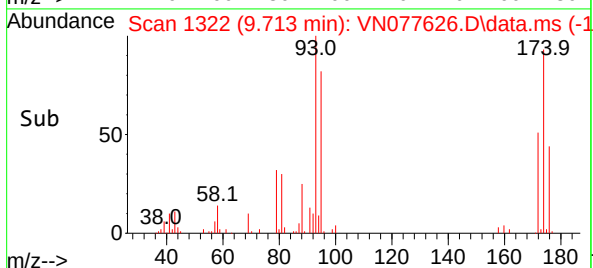
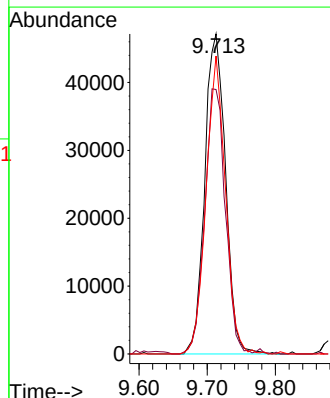
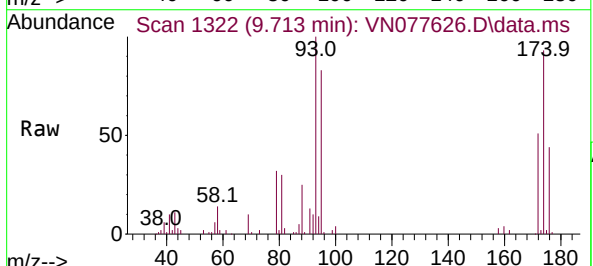
Tgt Ion: 93 Resp: 99886

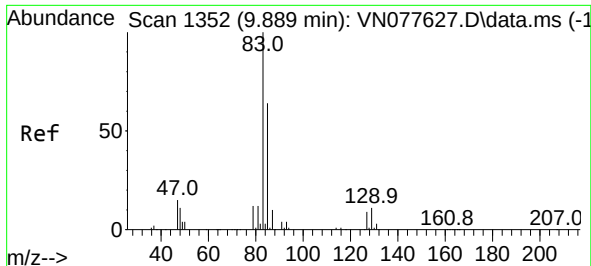
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

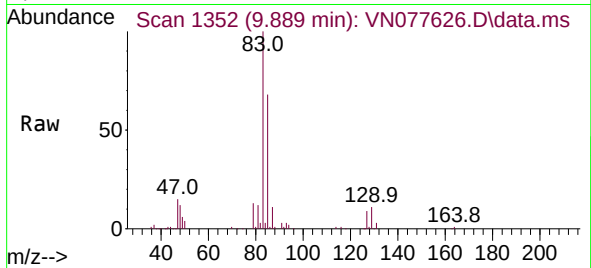
174 87.2 65.6 98.4





#47
Bromodichloromethane
Concen: 20.263 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

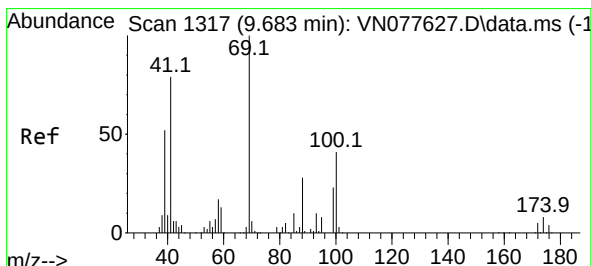
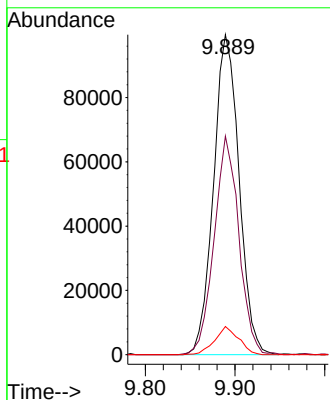
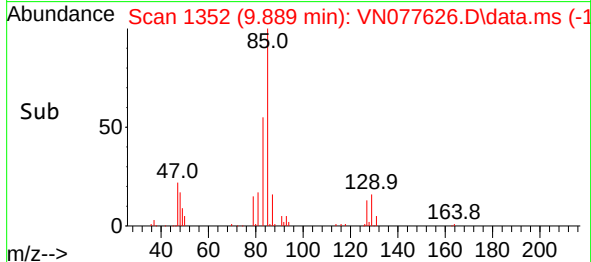
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 19664
Ion Ratio Lower Upper
83 100
85 68.3 49.6 74.4
127 8.8 7.0 10.6

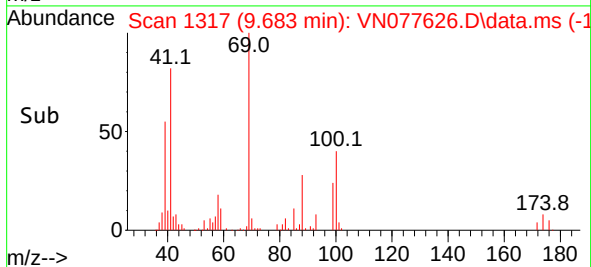
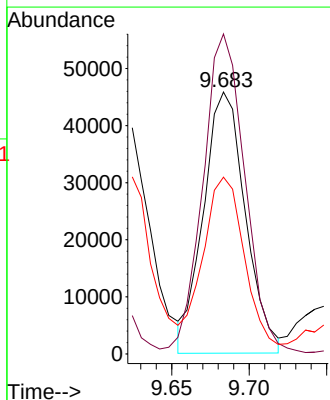
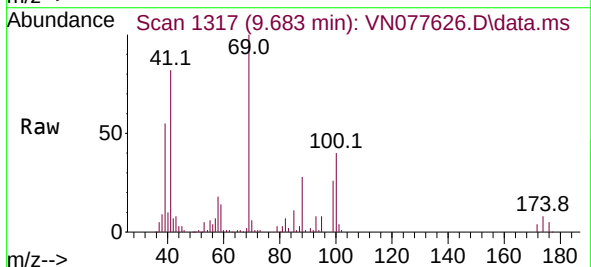
Manual Integrations
APPROVED

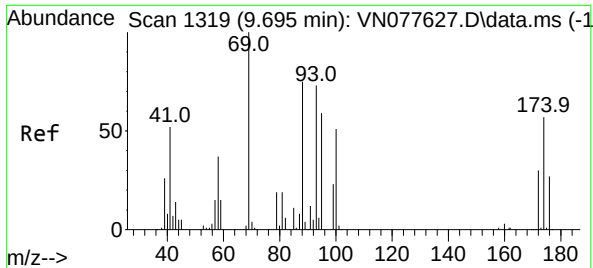
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#48
Methyl methacrylate
Concen: 19.925 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 41 Resp: 86091
Ion Ratio Lower Upper
41 100
69 121.8 90.4 135.6
39 68.1 54.6 81.8





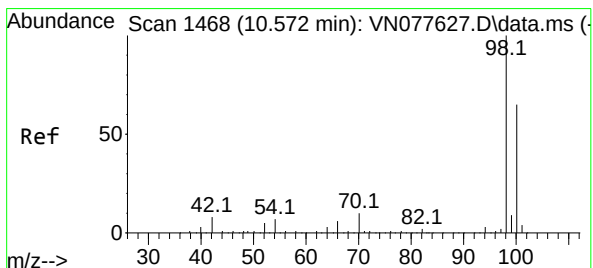
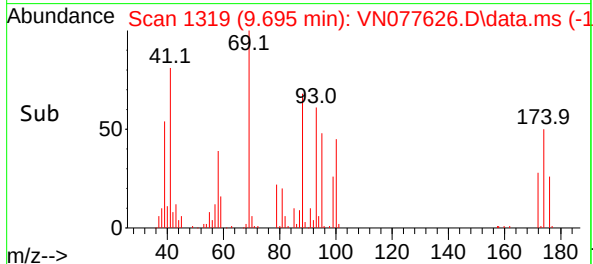
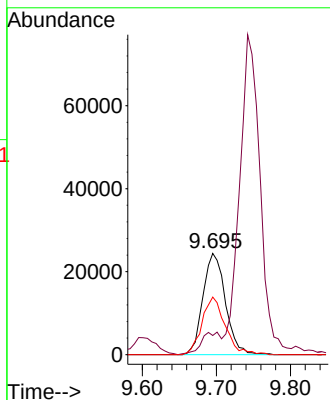
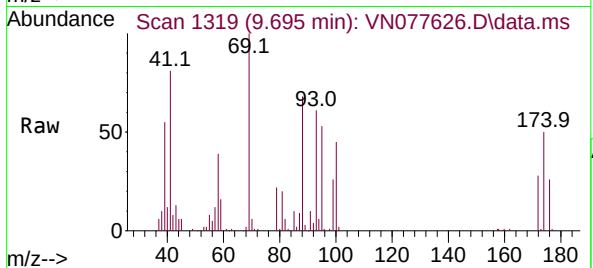
#49
1,4-Dioxane
Concen: 401.436 ug/l
RT: 9.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 51584
Ion Ratio Lower Upper
88 100
43 19.3 17.0 25.6
58 58.8 47.0 70.4

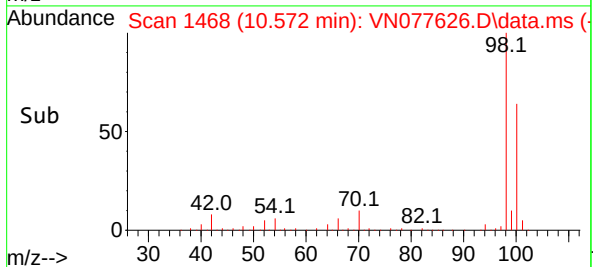
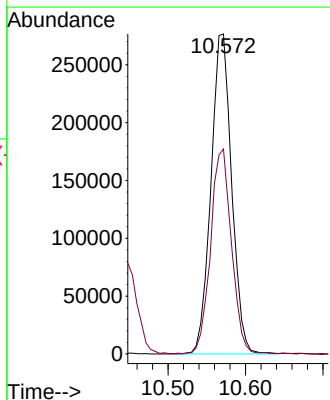
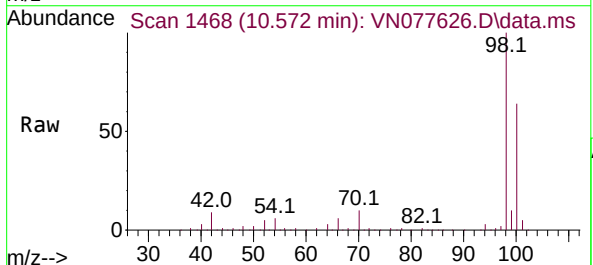
Manual Integrations
APPROVED

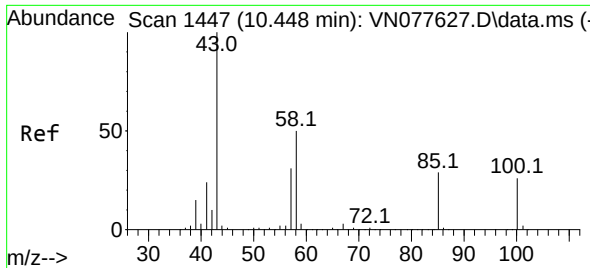
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#50
Toluene-d8
Concen: 20.379 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 98 Resp: 513399
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





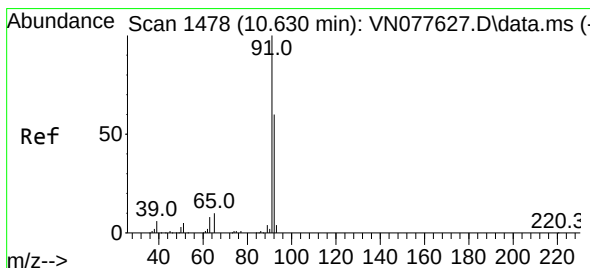
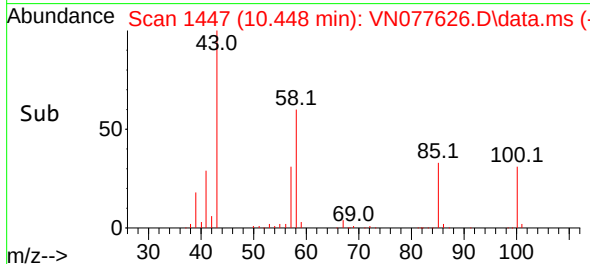
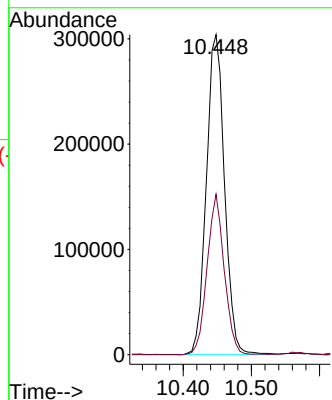
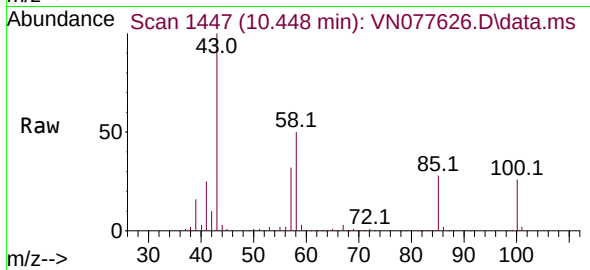
#51
4-Methyl-2-Pentanone
Concen: 104.195 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 564310
Ion Ratio Lower Upper
43 100
58 47.5 36.6 54.8

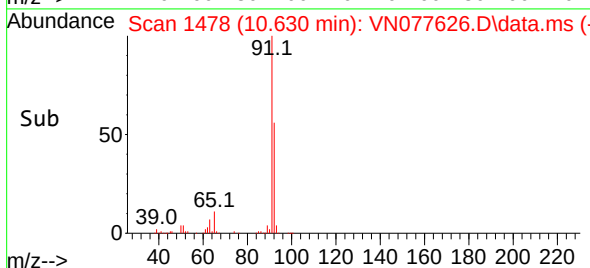
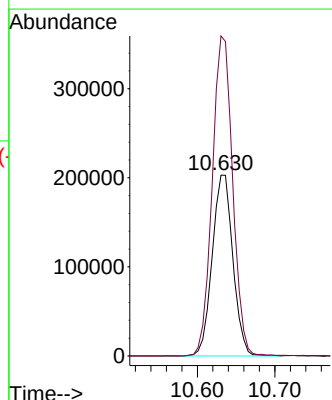
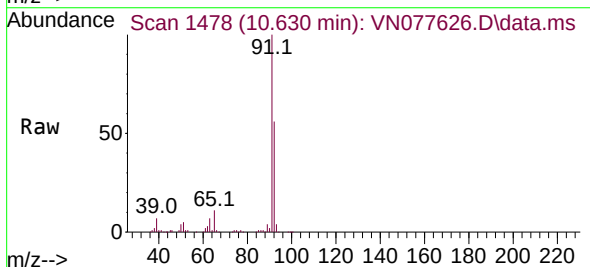
Manual Integrations
APPROVED

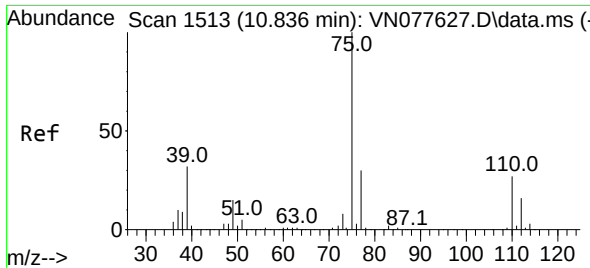
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#52
Toluene
Concen: 20.356 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

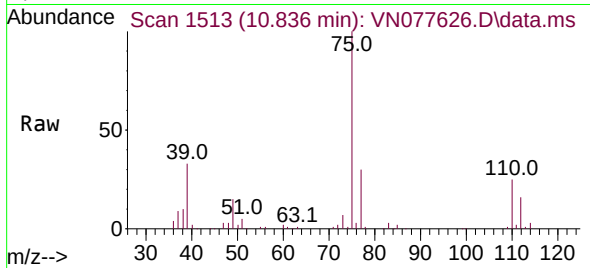
Tgt Ion: 92 Resp: 376120
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.975 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46

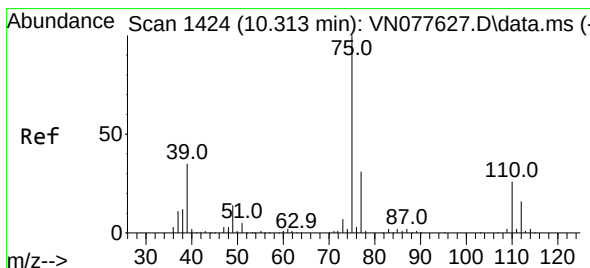
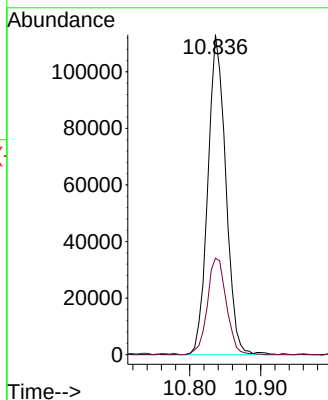
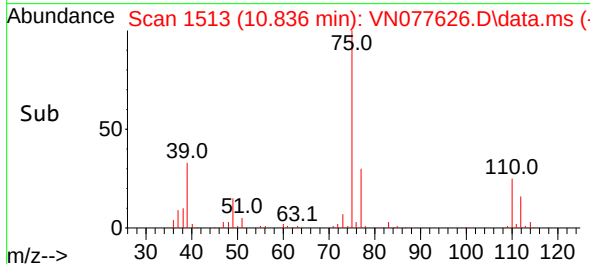
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



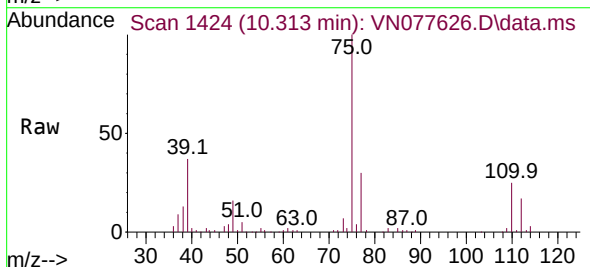
Tgt Ion: 75 Resp: 198324
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0

Manual Integrations
 APPROVED

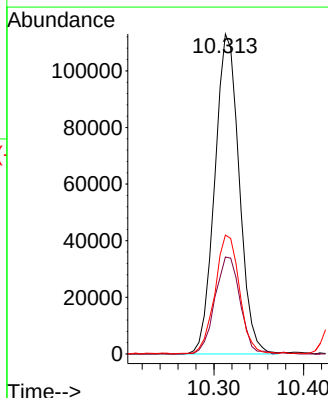
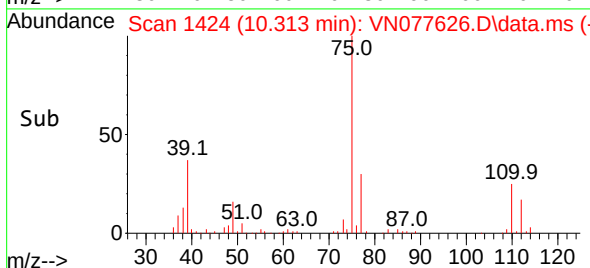
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

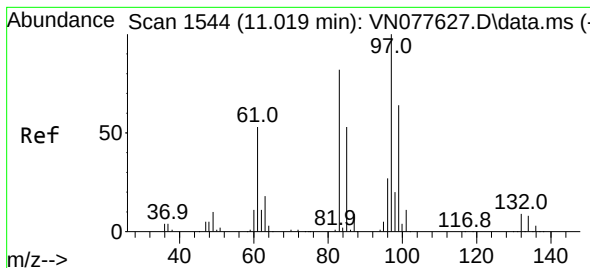


#54
 cis-1,3-Dichloropropene
 Concen: 19.856 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46



Tgt Ion: 75 Resp: 213604
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.1 39.1
 39 37.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.863 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

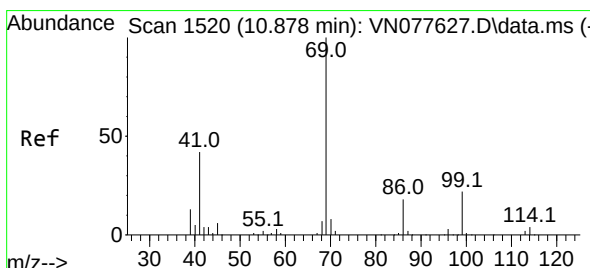
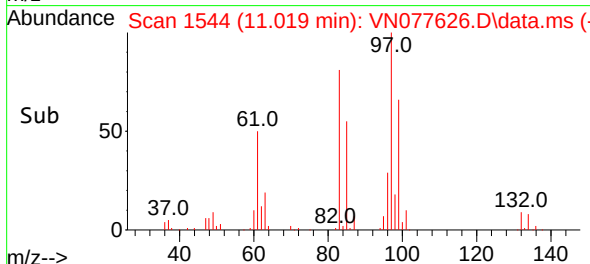
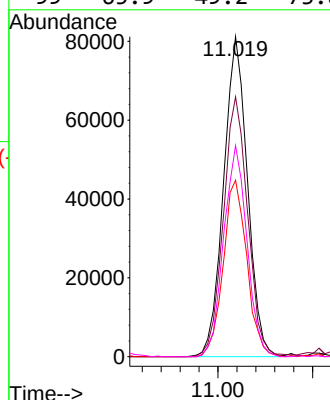
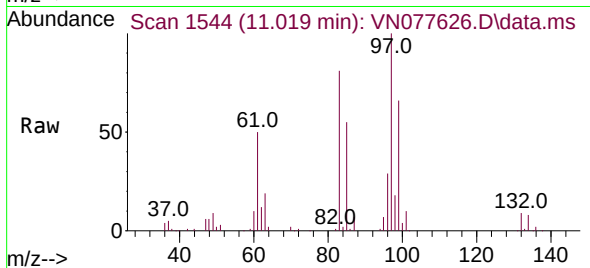
VSTDIC020

Tgt Ion: 97 Resp: 142300
Ion Ratio Lower Upper
97 100
83 81.2 65.1 97.7
85 55.1 43.4 65.2
99 65.9 49.2 73.8

Manual Integrations

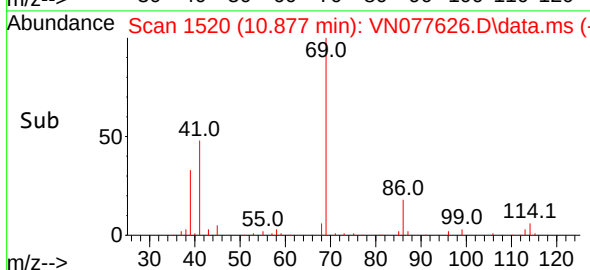
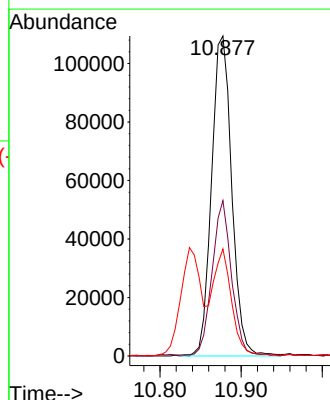
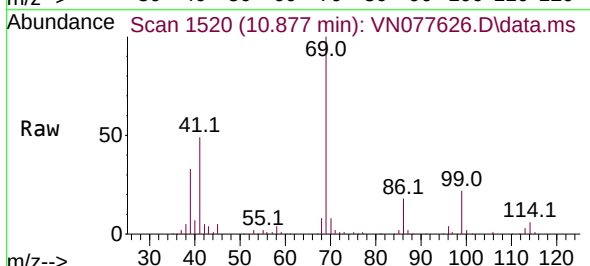
APPROVED

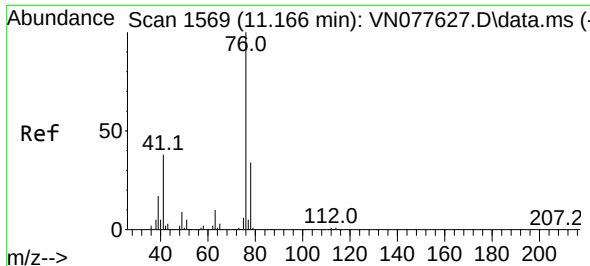
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#56
Ethyl methacrylate
Concen: 20.929 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 69 Resp: 189085
Ion Ratio Lower Upper
69 100
41 46.1 39.6 59.4
39 29.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.405 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 23498

Ion Ratio Lower Upper

76 100

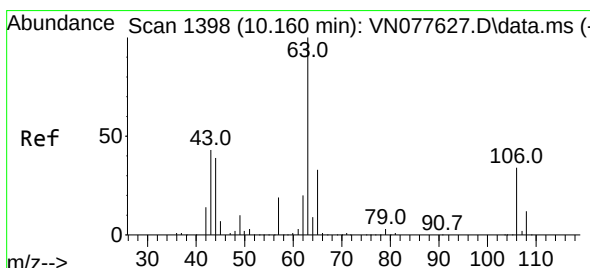
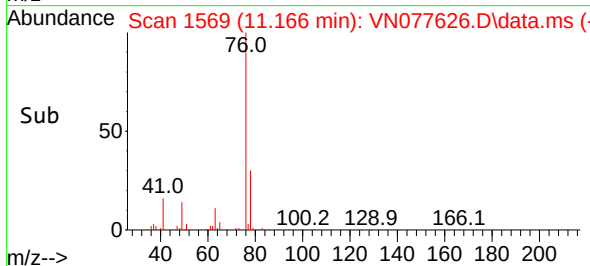
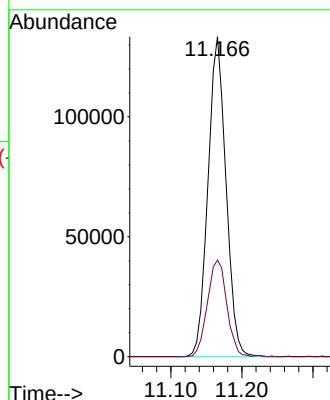
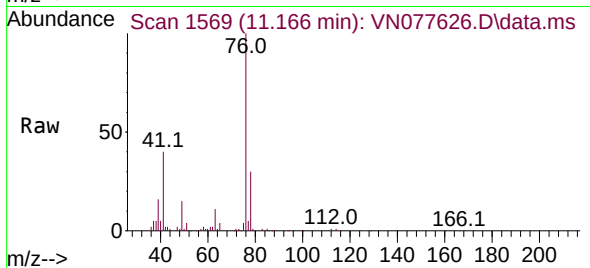
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.273 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077626.D

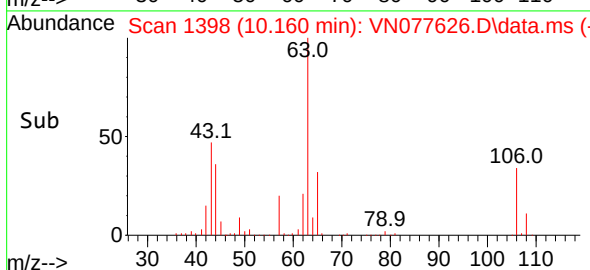
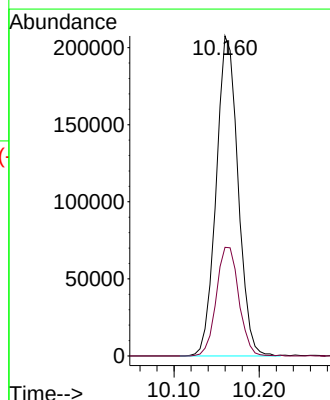
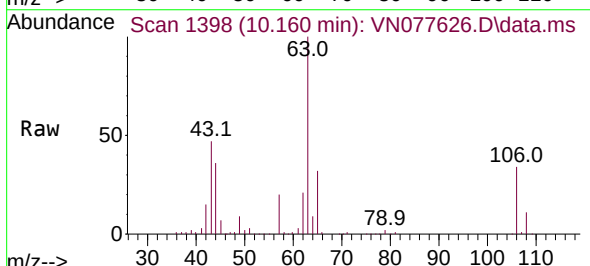
Acq: 09 May 2023 11:46

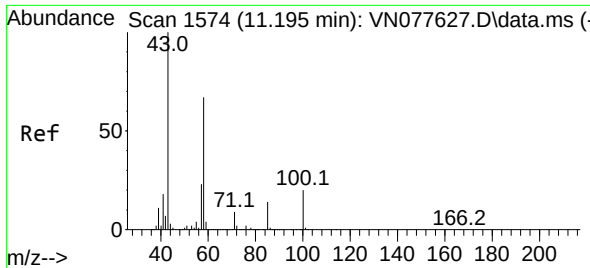
Tgt Ion: 63 Resp: 370063

Ion Ratio Lower Upper

63 100

106 34.9 26.2 39.4





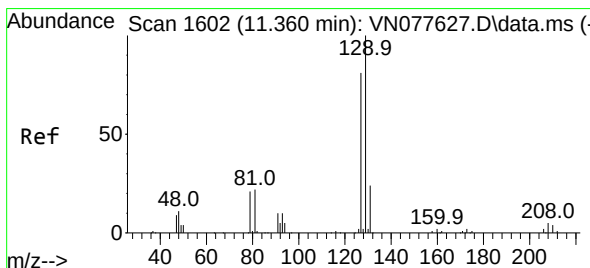
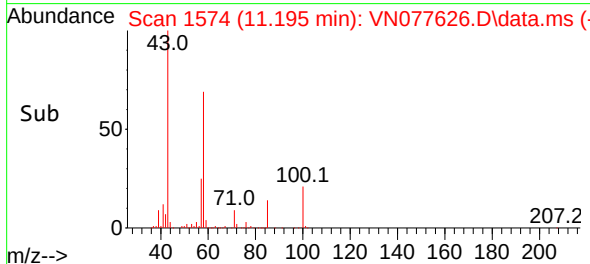
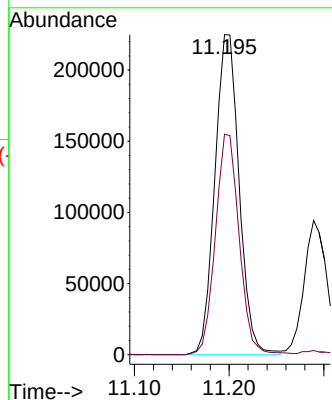
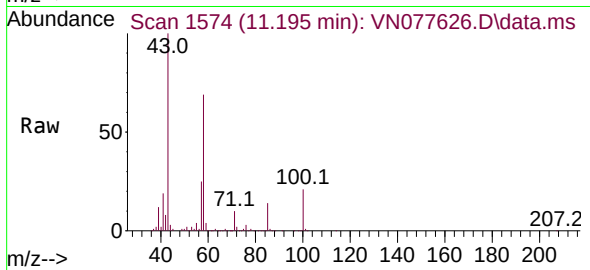
#59
2-Hexanone
Concen: 104.947 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 40171
Ion Ratio Lower Upper
43 100
58 67.4 31.7 95.1

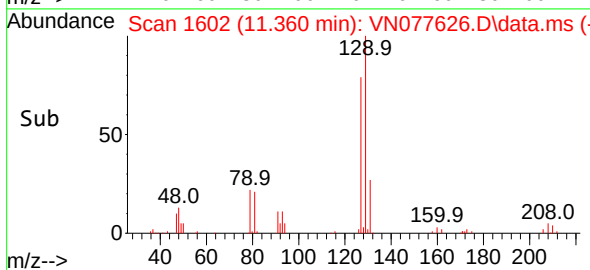
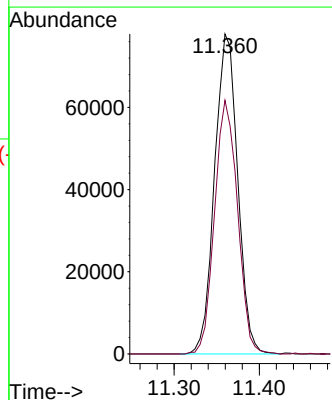
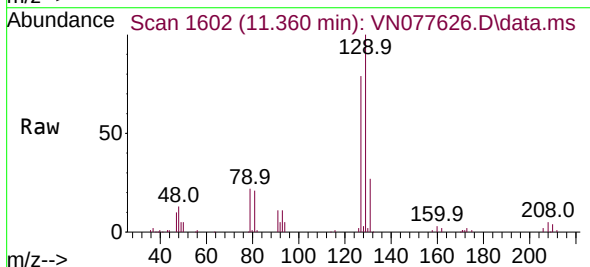
Manual Integrations
APPROVED

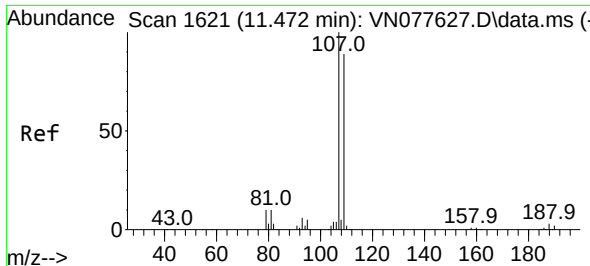
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#60
Dibromochloromethane
Concen: 20.632 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion:129 Resp: 146732
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.740 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

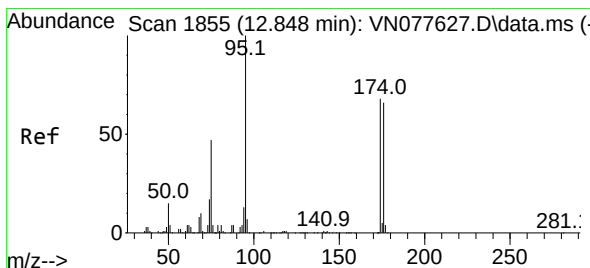
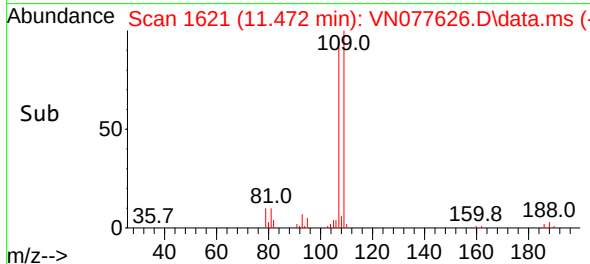
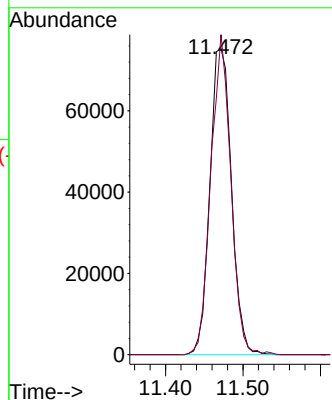
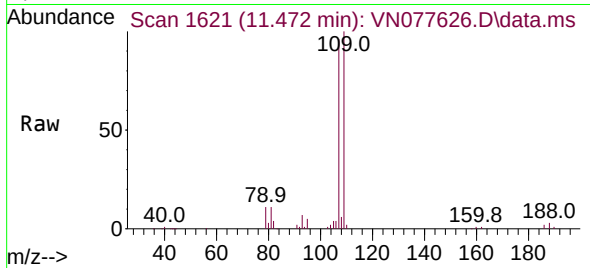
VSTDIC020

Tgt Ion:107 Resp: 146072
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

Manual Integrations

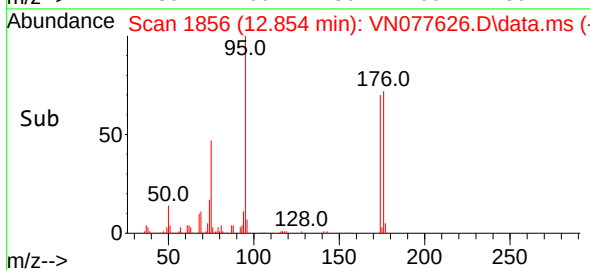
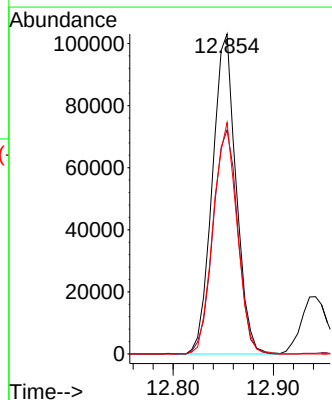
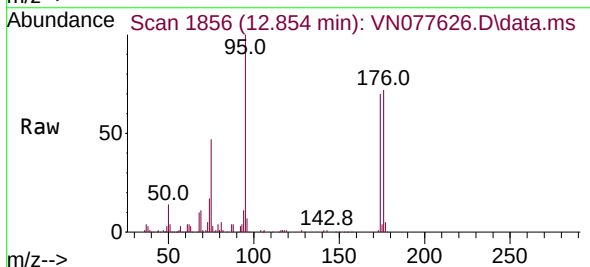
APPROVED

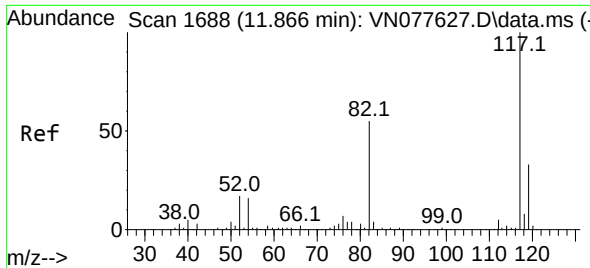
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#62
4-Bromofluorobenzene
Concen: 19.840 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

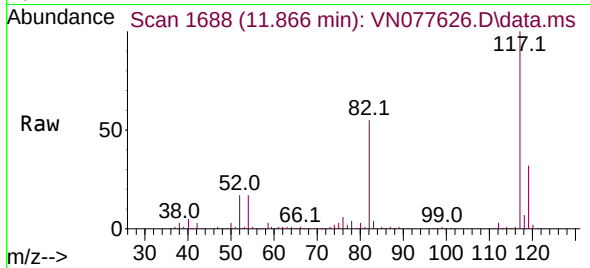
Tgt Ion: 95 Resp: 169045
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

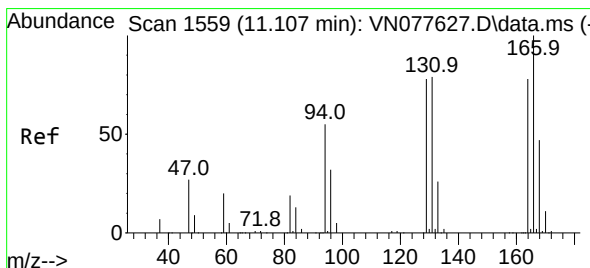
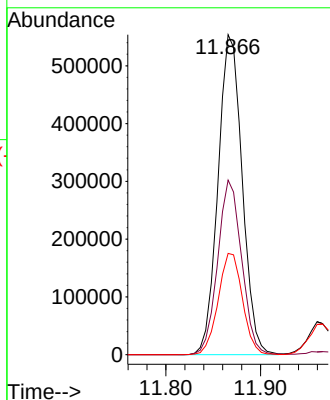
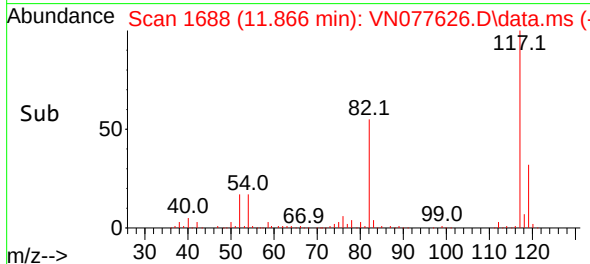
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 982650
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.7 25.6 38.4

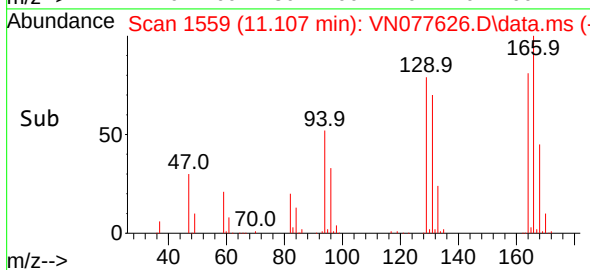
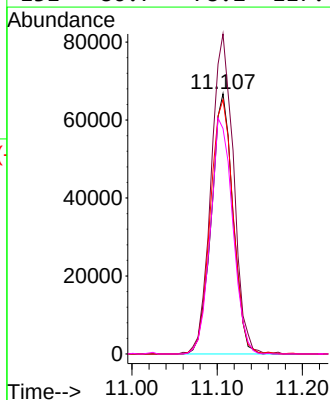
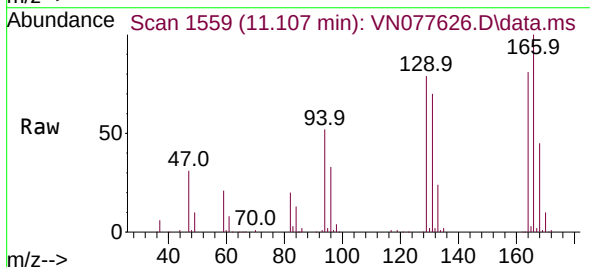
Manual Integrations
APPROVED

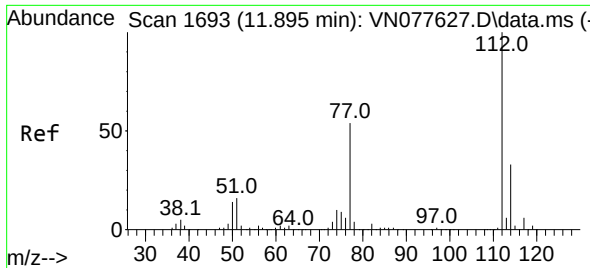
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#64
Tetrachloroethene
Concen: 20.101 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

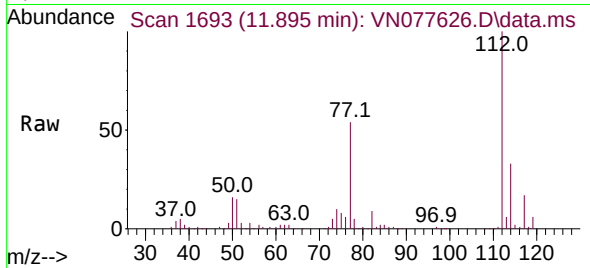
Tgt Ion:164 Resp: 117556
Ion Ratio Lower Upper
164 100
166 123.0 101.4 152.0
129 97.7 82.4 123.6
131 86.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.848 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

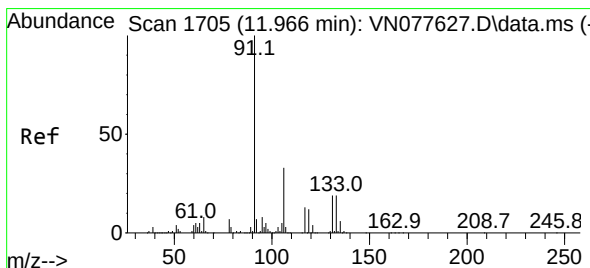
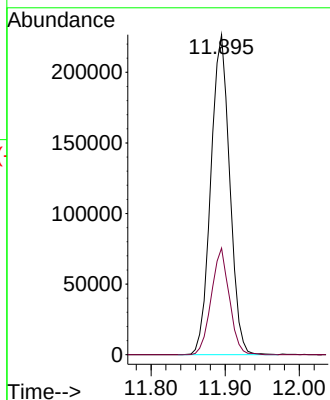
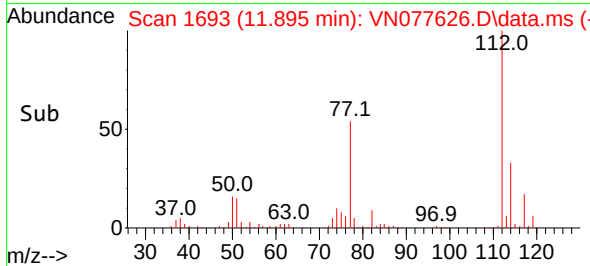
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



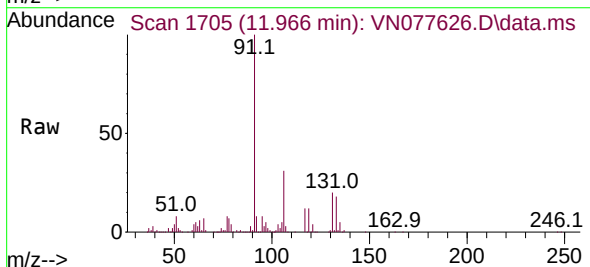
Tgt Ion:112 Resp: 400894
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

Manual Integrations
APPROVED

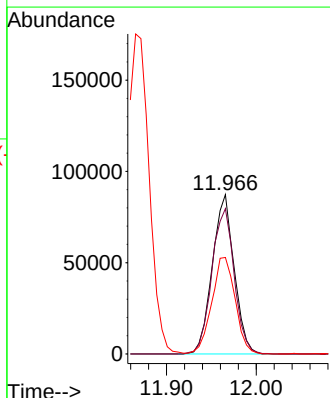
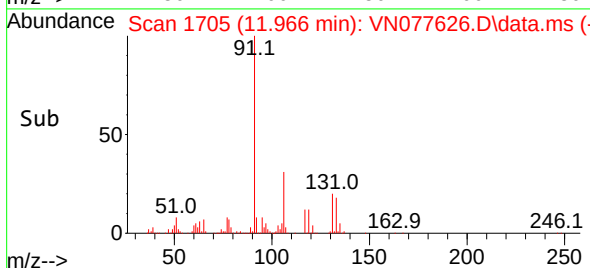
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

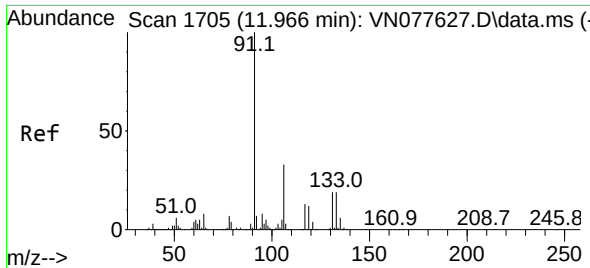


#66
1,1,1,2-Tetrachloroethane
Concen: 20.284 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



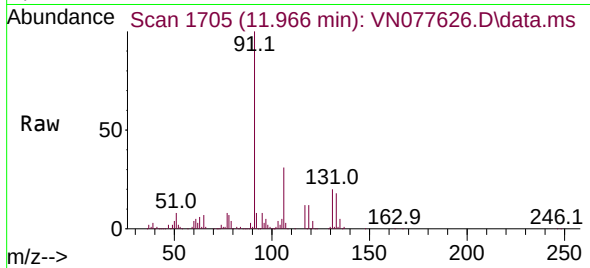
Tgt Ion:131 Resp: 147611
Ion Ratio Lower Upper
131 100
133 93.9 46.4 139.1
119 64.7 34.1 102.2





#67
Ethyl Benzene
Concen: 20.609 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

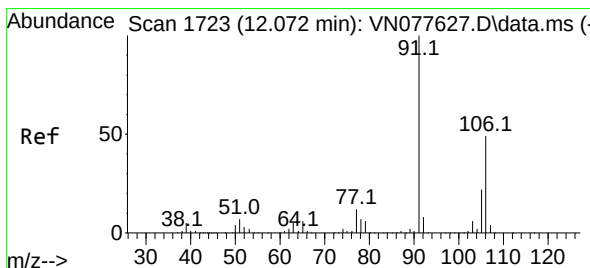
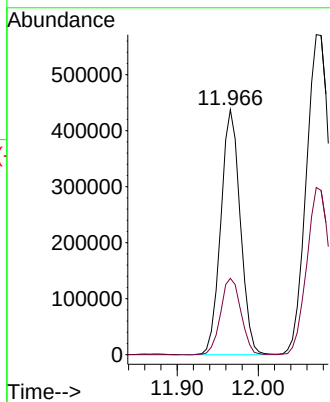
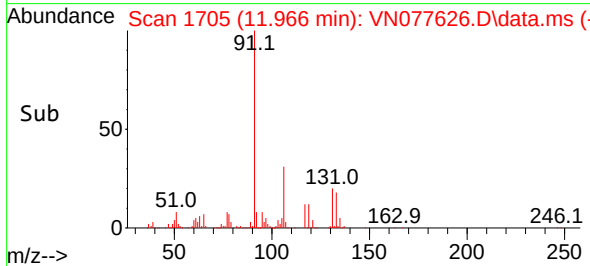
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



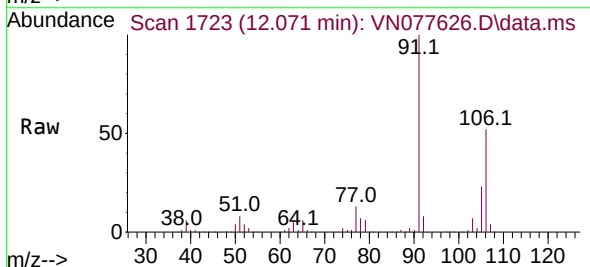
Tgt Ion: 91 Resp: 730814
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

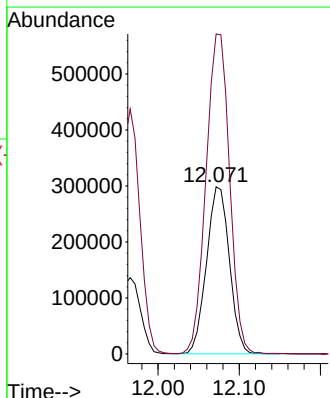
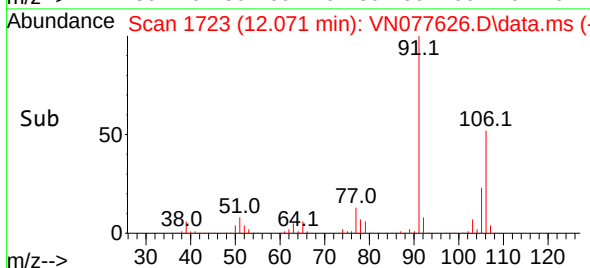
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

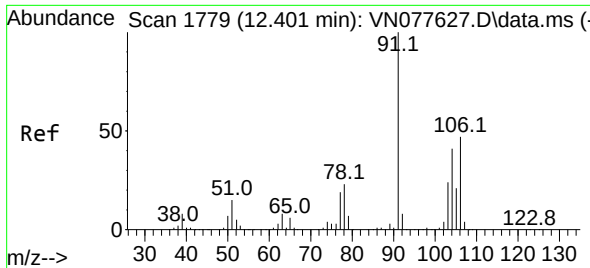


#68
m/p-Xylenes
Concen: 41.576 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



Tgt Ion:106 Resp: 583742
Ion Ratio Lower Upper
106 100
91 197.5 159.6 239.4





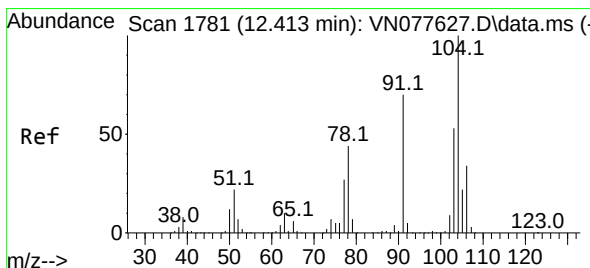
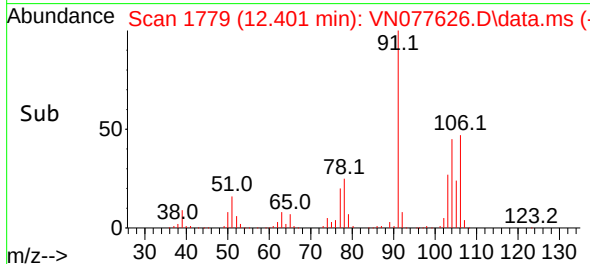
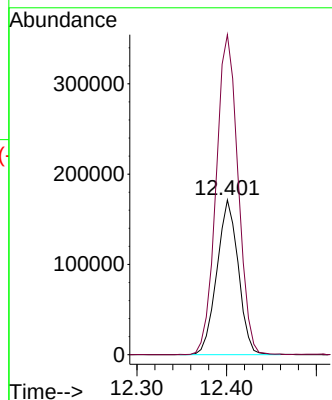
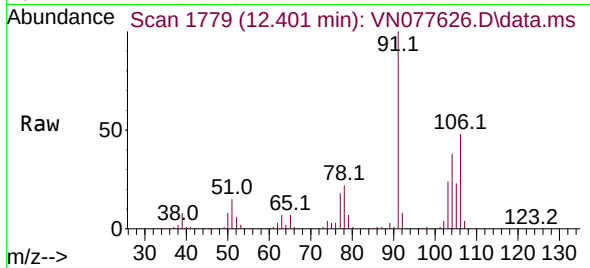
#69
o-Xylene
Concen: 20.193 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 28418
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.5

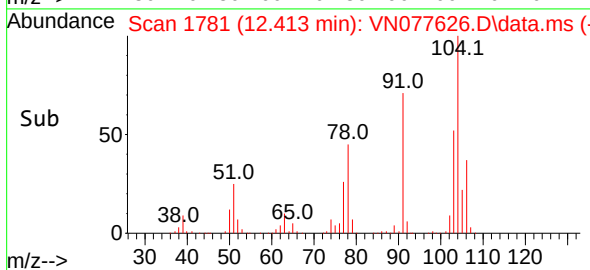
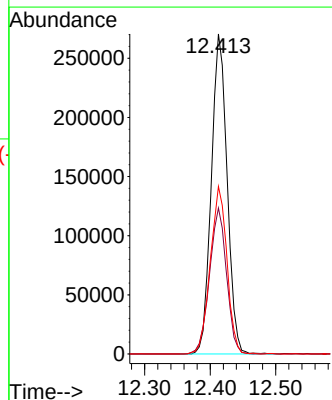
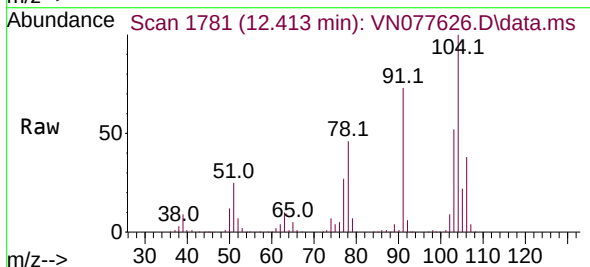
Manual Integrations
APPROVED

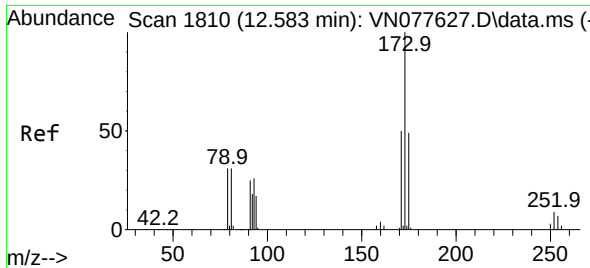
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 21.010 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion:104 Resp: 452827
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.2 43.2 64.8





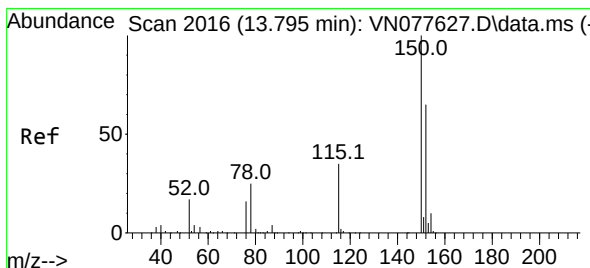
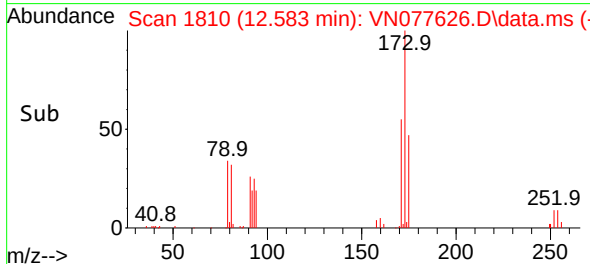
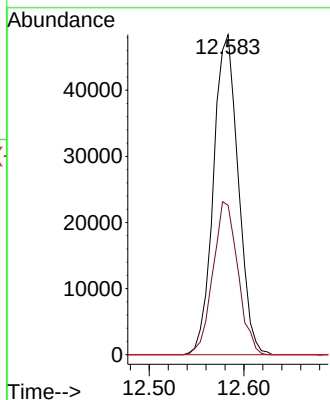
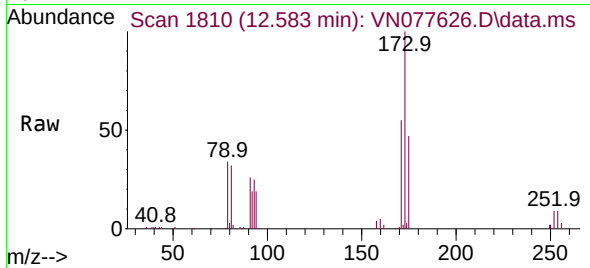
#71
Bromoform
Concen: 19.977 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 88220
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

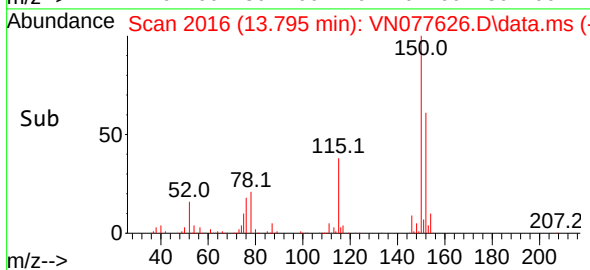
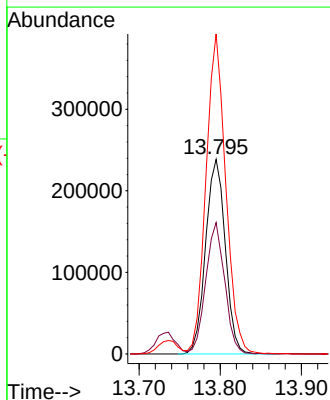
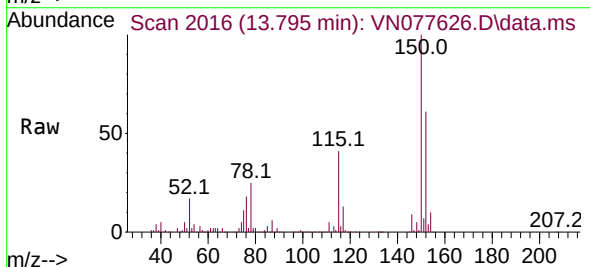
Manual Integrations
APPROVED

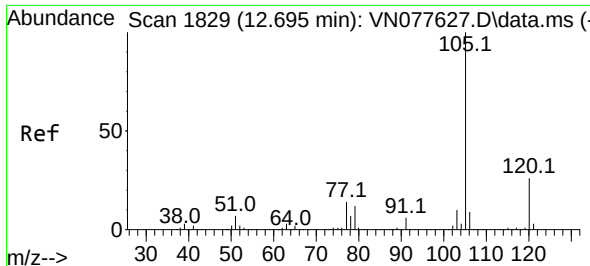
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

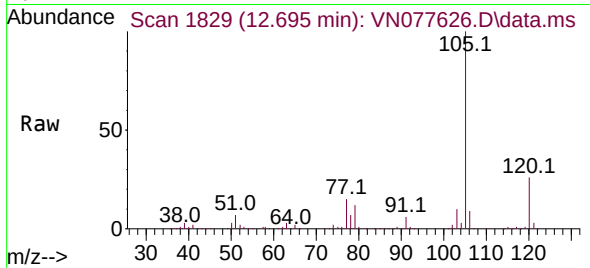
Tgt Ion:152 Resp: 401184
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 165.2 0.0 355.8





#73
Isopropylbenzene
Concen: 20.432 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

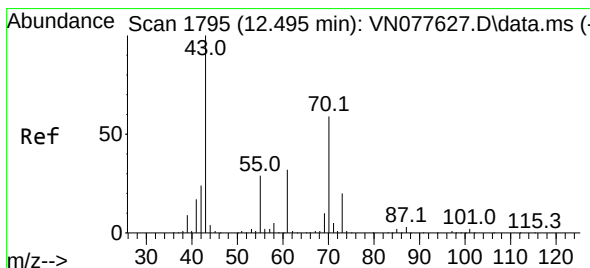
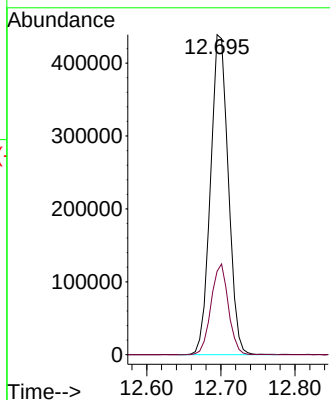
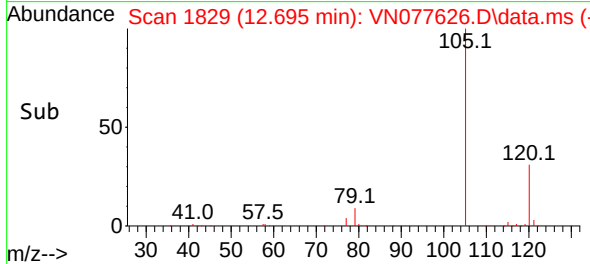
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



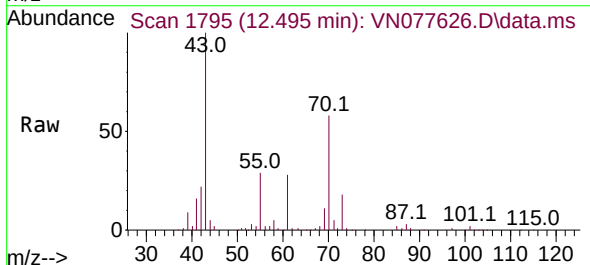
Tgt Ion:105 Resp: 731220
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

Manual Integrations
APPROVED

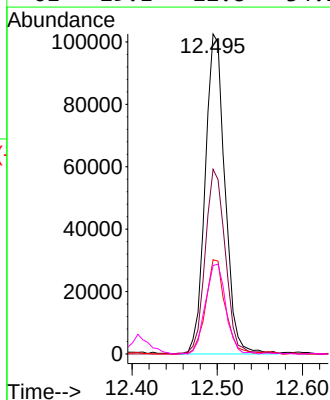
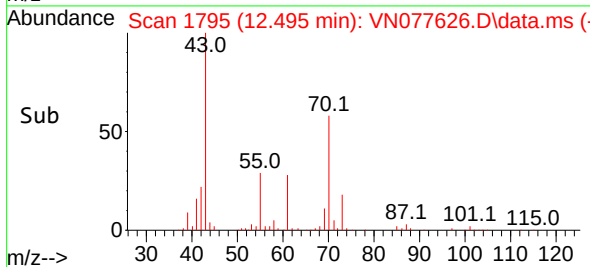
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

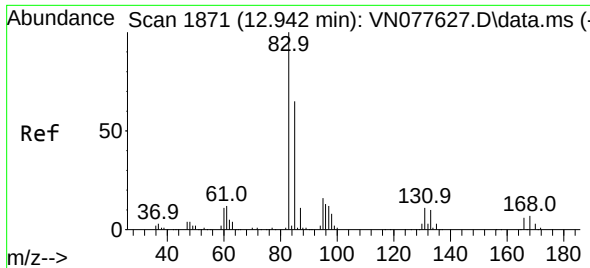


#74
N-ethyl acetate
Concen: 20.942 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



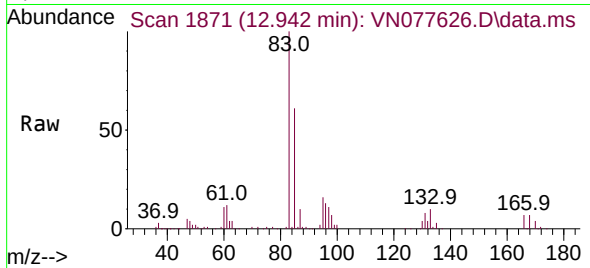
Tgt Ion: 43 Resp: 165400
Ion Ratio Lower Upper
43 100
70 59.1 43.4 65.2
55 29.1 21.4 32.0
61 29.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.802 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

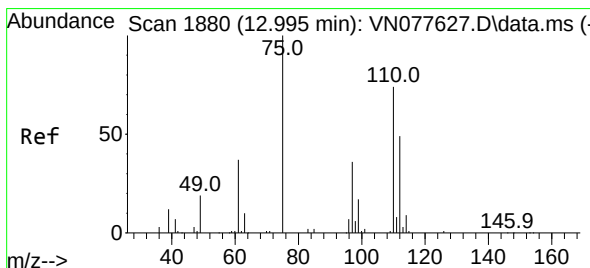
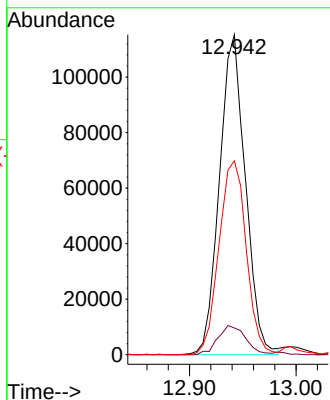
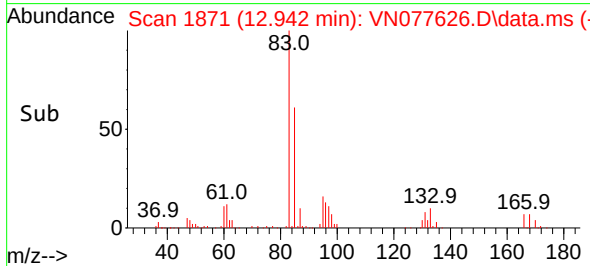
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 194825
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.6 31.9 95.7

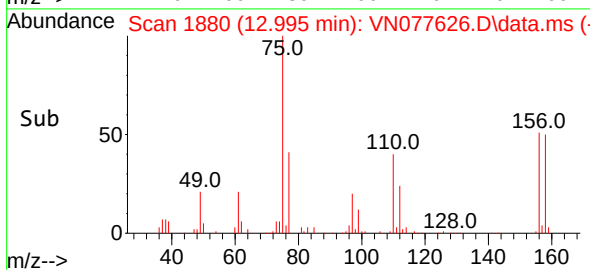
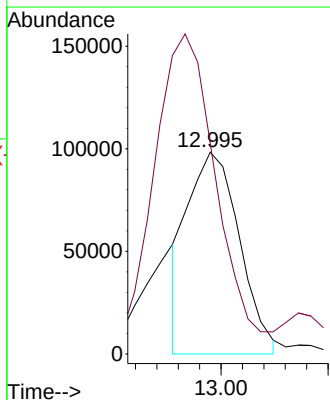
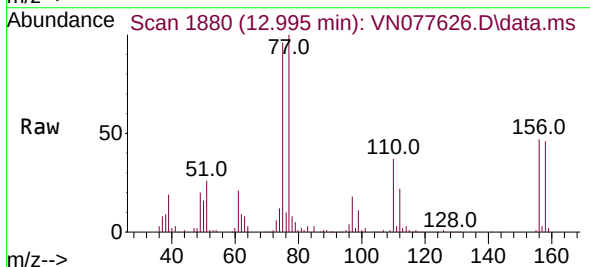
Manual Integrations
APPROVED

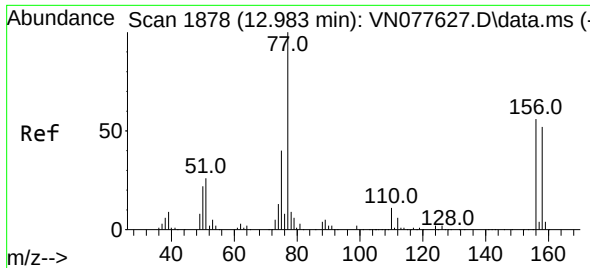
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#76
1,2,3-Trichloropropane
Concen: 20.968 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 75 Resp: 165674
Ion Ratio Lower Upper
75 100
77 193.2 84.5 253.5





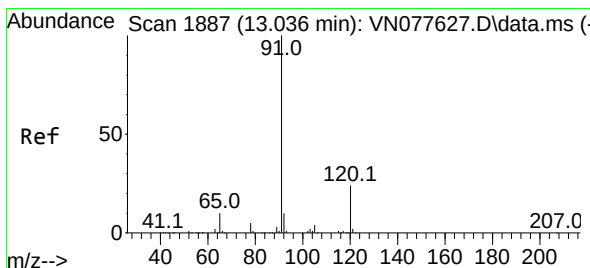
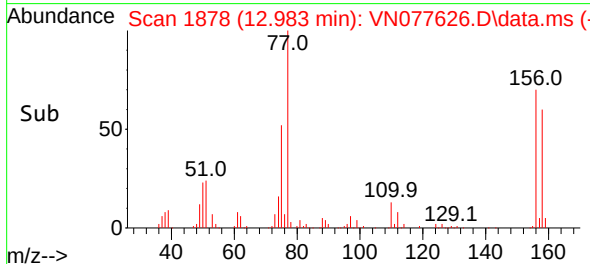
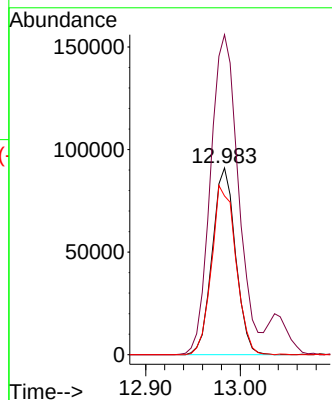
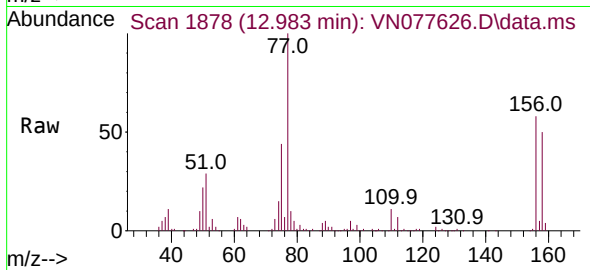
#77
Bromobenzene
Concen: 19.578 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 155174
Ion Ratio Lower Upper
156 100
77 206.3 107.7 323.3
158 94.6 48.4 145.3

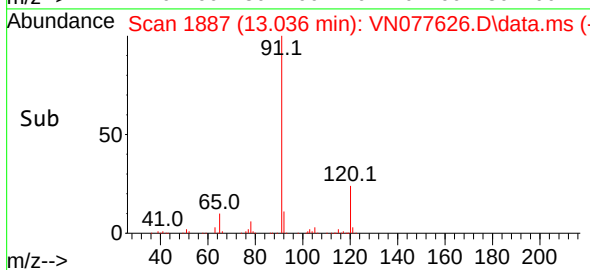
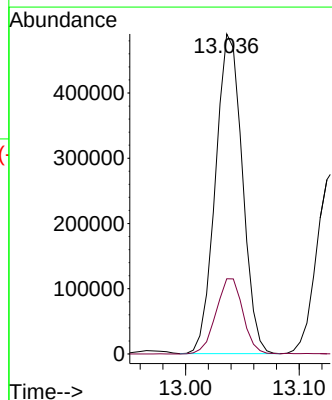
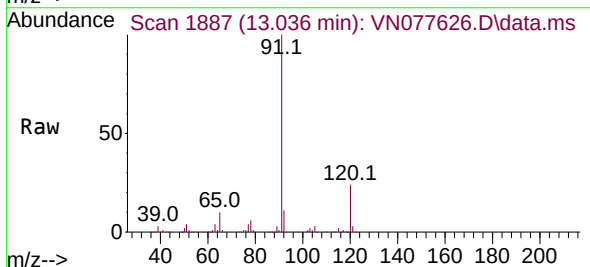
Manual Integrations
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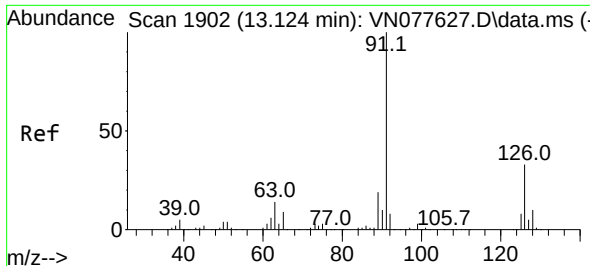
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#78
n-propylbenzene
Concen: 20.976 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion: 91 Resp: 805840
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.090 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 491578

Ion Ratio Lower Upper

91 100

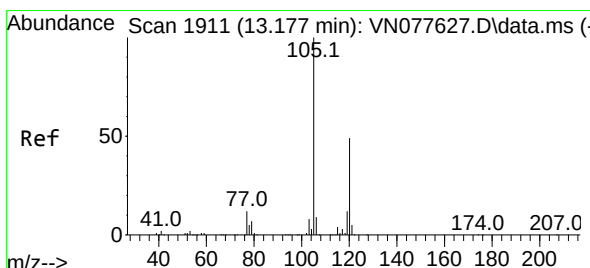
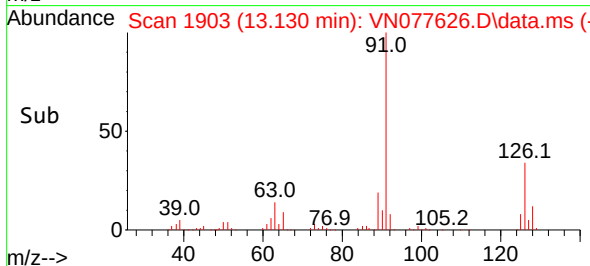
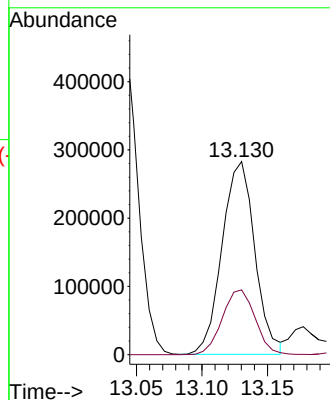
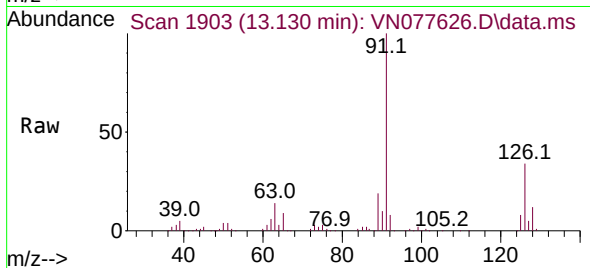
126 33.7 16.3 48.8

Manual Integrations

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Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.642 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077626.D

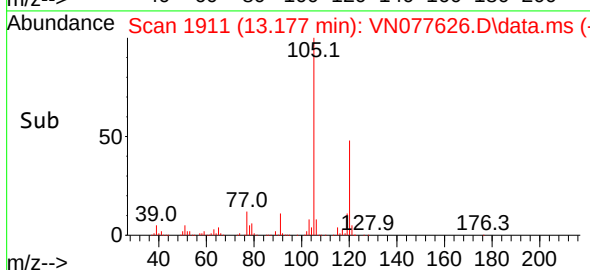
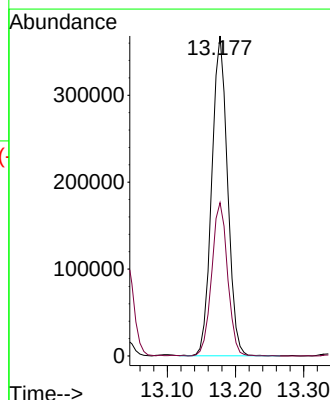
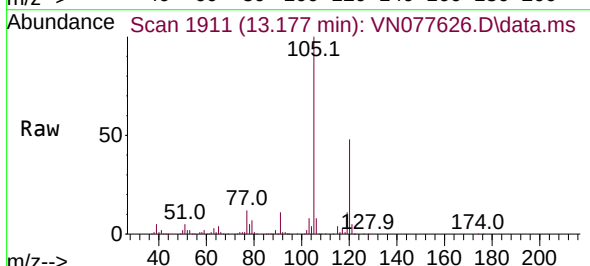
Acq: 09 May 2023 11:46

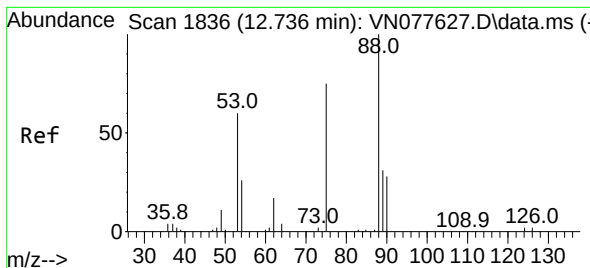
Tgt Ion:105 Resp: 592537

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3





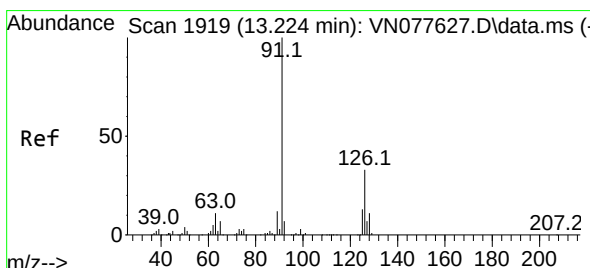
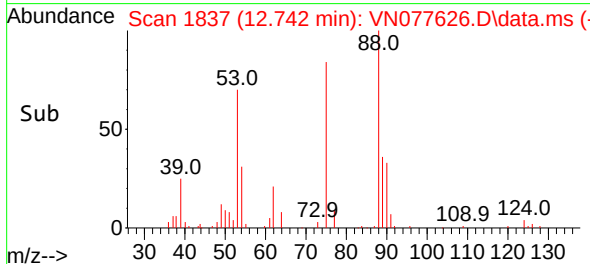
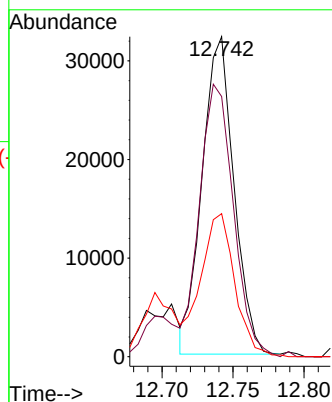
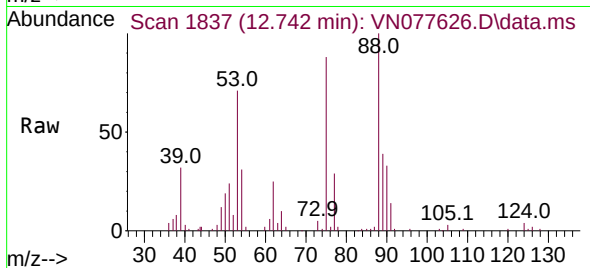
#81
trans-1,4-Dichloro-2-butene
Concen: 19.255 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 50064
Ion Ratio Lower Upper
75 100
53 91.6 67.4 101.2
89 48.7 38.8 58.2

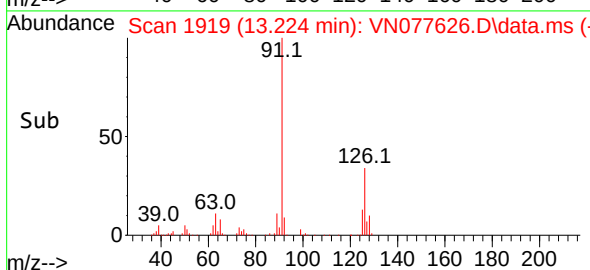
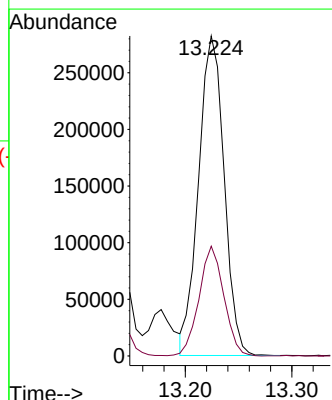
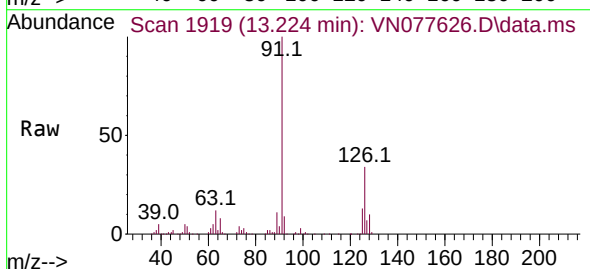
Manual Integrations
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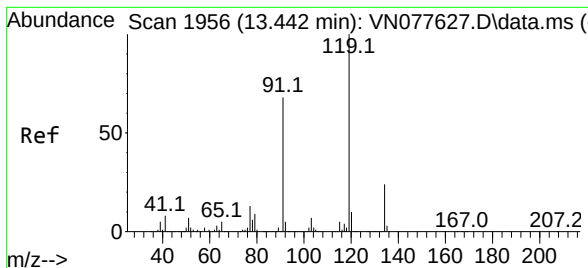
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#82
4-Chlorotoluene
Concen: 20.505 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

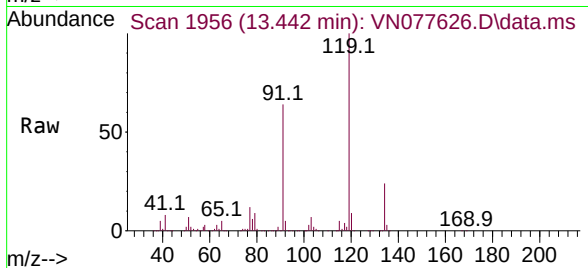
Tgt Ion: 91 Resp: 470519
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.693 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

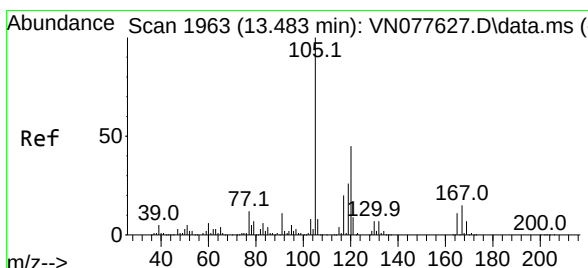
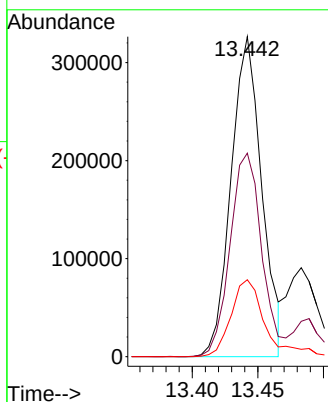
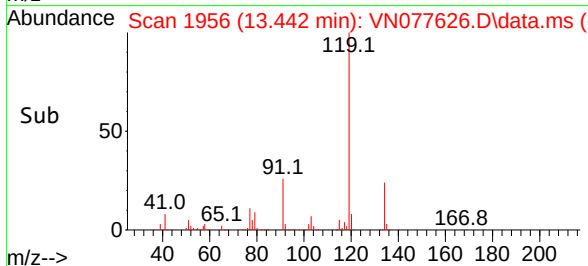
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



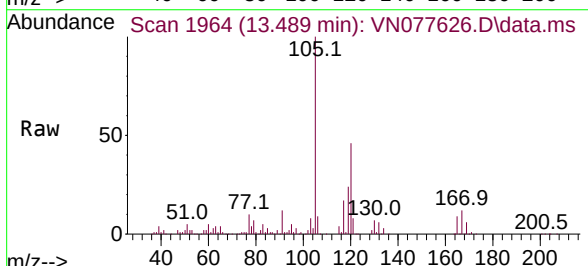
Tgt Ion:119 Resp: 532392
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 26.8 13.2 39.6

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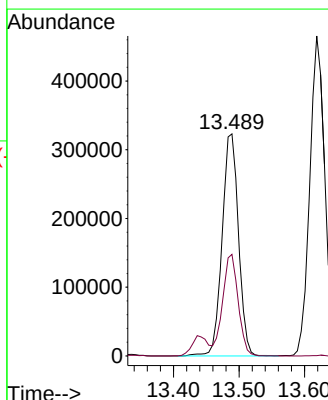
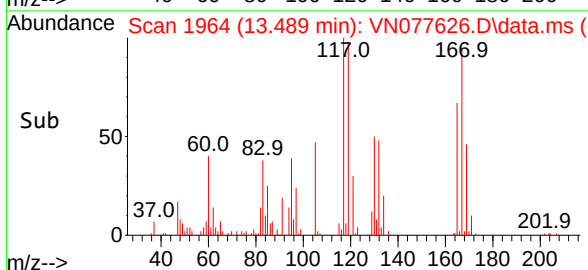
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

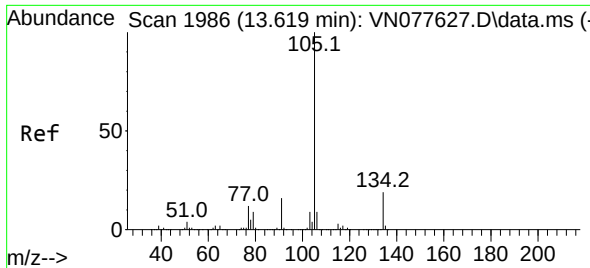


#84
1,2,4-Trimethylbenzene
Concen: 21.717 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



Tgt Ion:105 Resp: 558800
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





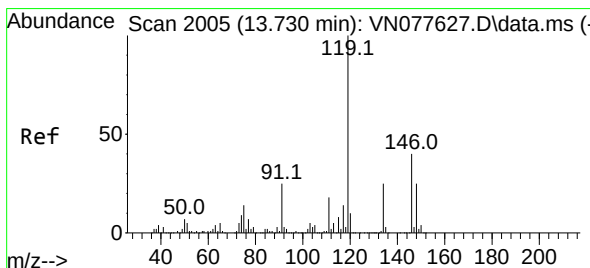
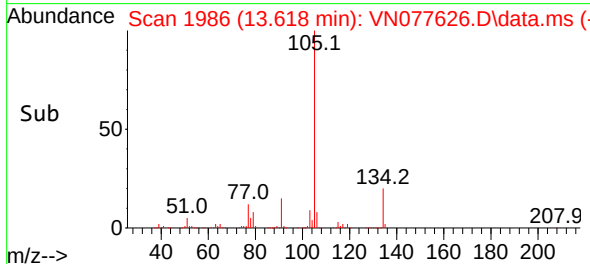
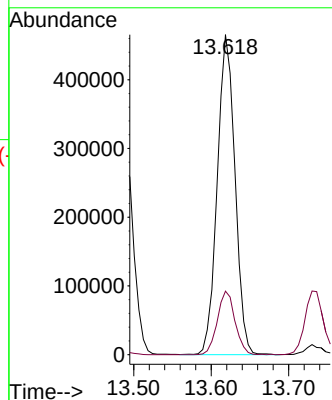
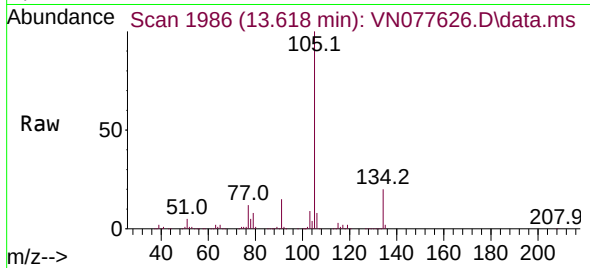
#85
 sec-Butylbenzene
 Concen: 21.389 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 74076
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

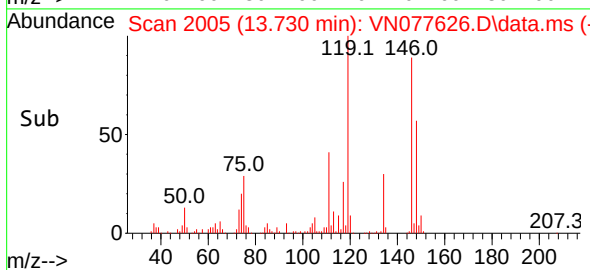
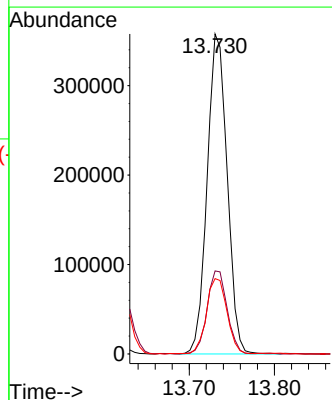
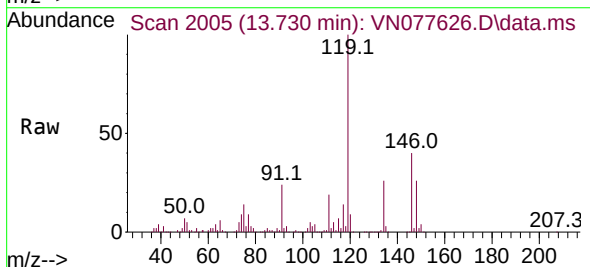
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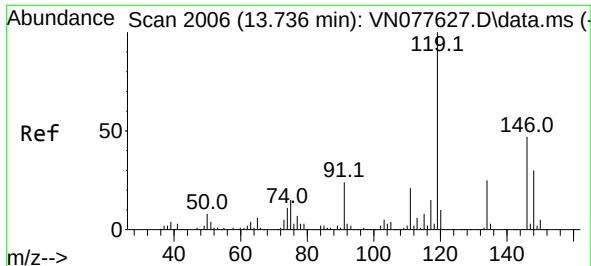
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#86
 p-Isopropyltoluene
 Concen: 21.534 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077626.D
 Acq: 09 May 2023 11:46

Tgt Ion:119 Resp: 583185
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.4 12.4 37.2





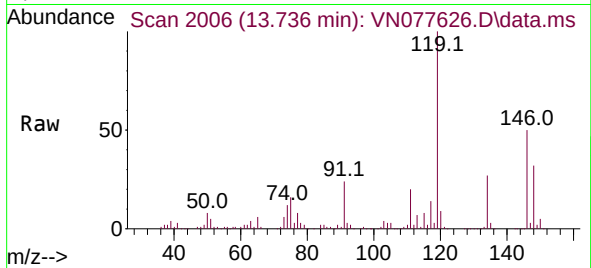
#87
1,3-Dichlorobenzene
Concen: 20.577 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



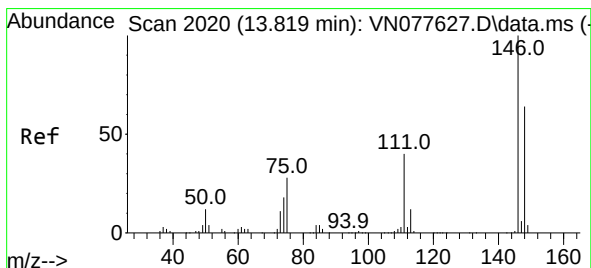
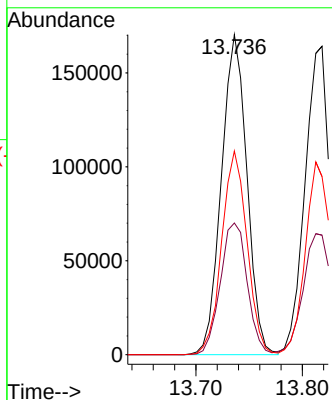
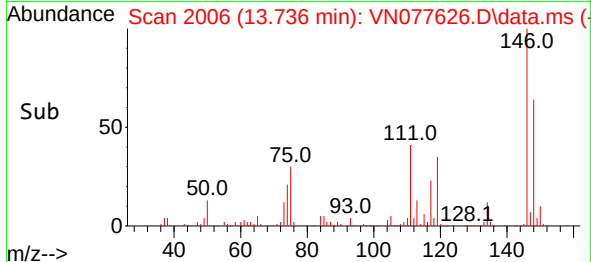
Tgt Ion:146 Resp: 28348
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations

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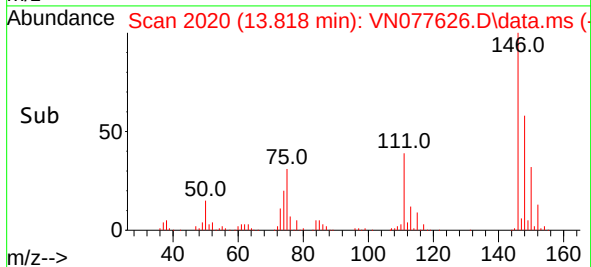
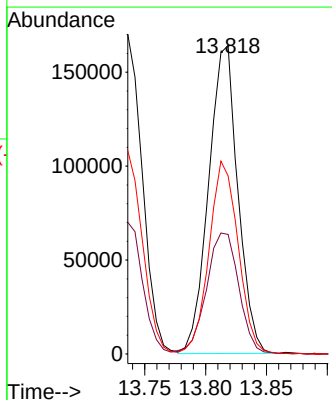
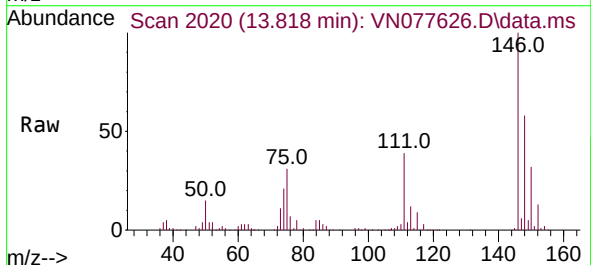
Reviewed By :John Carlone 05/09/2023

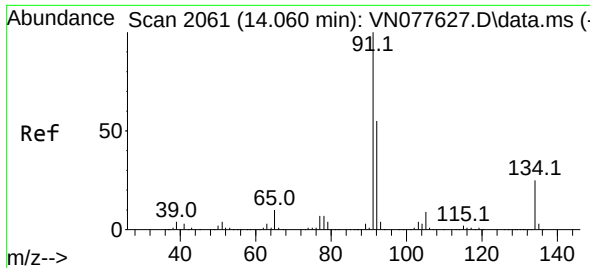
Supervised By :Mahesh Dadoda 05/10/2023



#88
1,4-Dichlorobenzene
Concen: 20.021 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

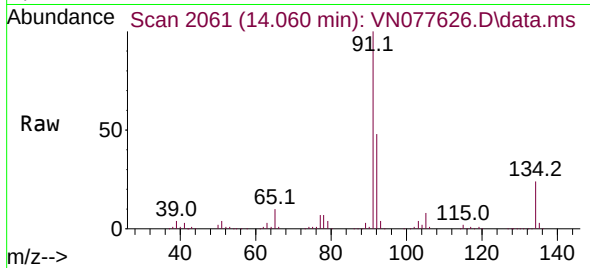
Tgt Ion:146 Resp: 274193
Ion Ratio Lower Upper
146 100
111 43.7 20.6 61.8
148 62.6 31.6 94.8





#89
n-Butylbenzene
Concen: 21.161 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

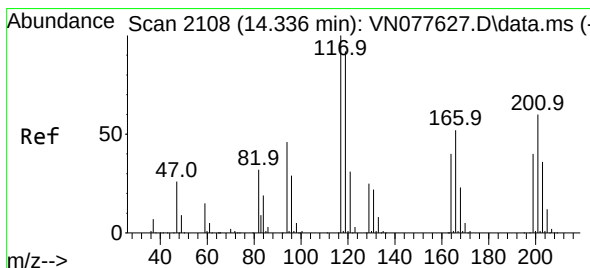
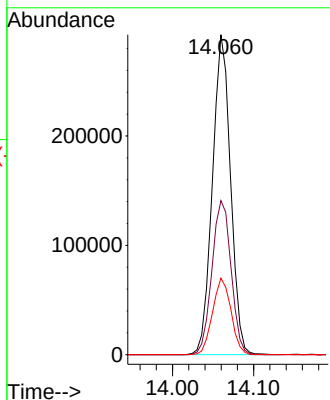
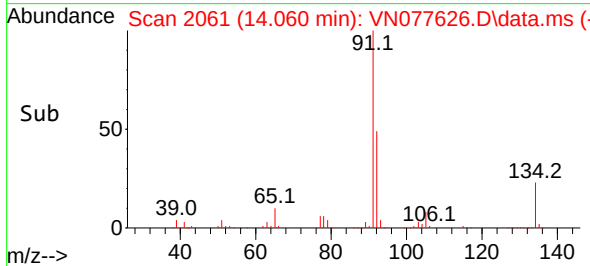
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 454152
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 24.3 12.6 37.6

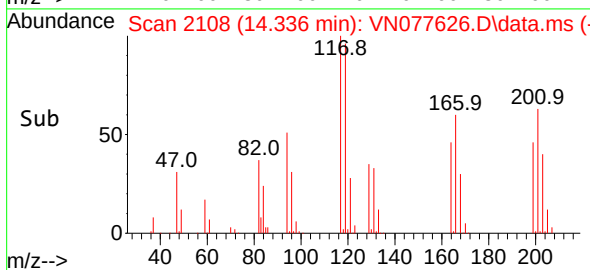
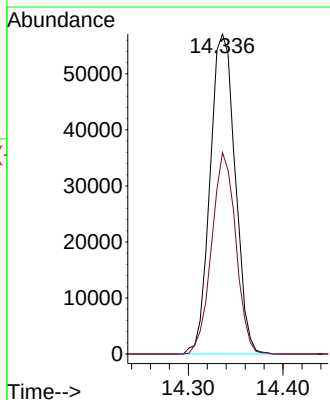
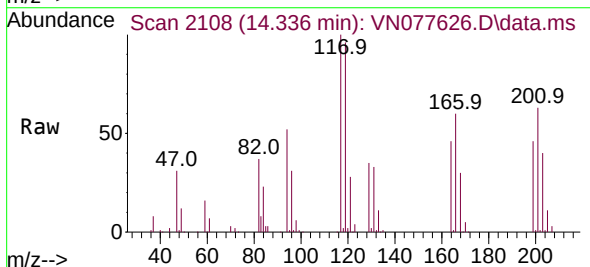
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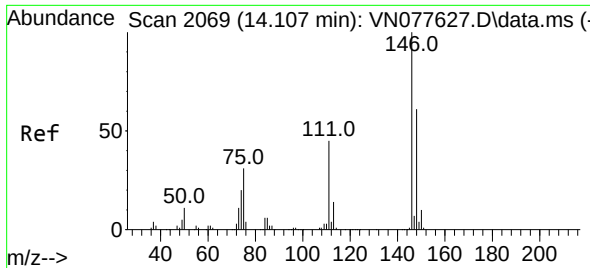
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#90
Hexachloroethane
Concen: 20.210 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

Tgt Ion:117 Resp: 104969
Ion Ratio Lower Upper
117 100
201 60.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 20.232 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

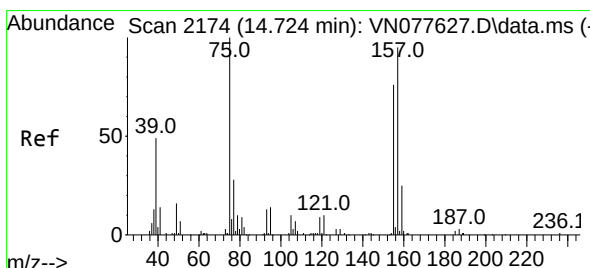
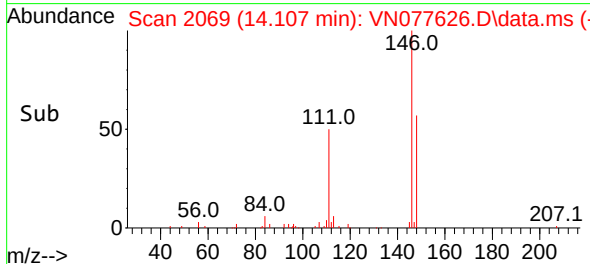
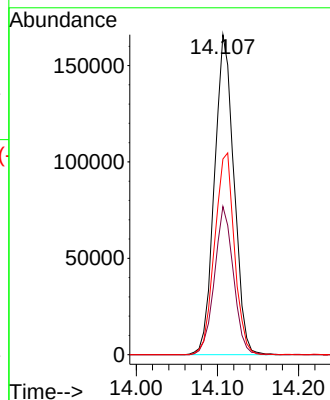
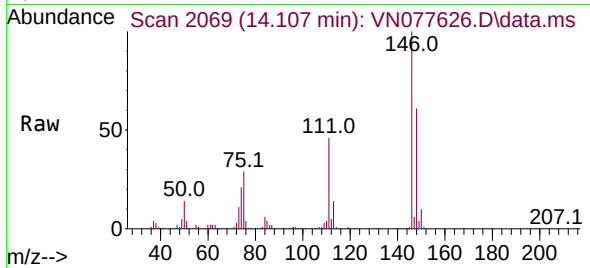
Tgt Ion:	146	Resp:	27712
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.0	66.0
148	63.9	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.399 ug/l

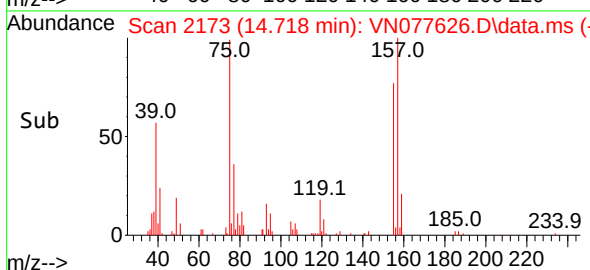
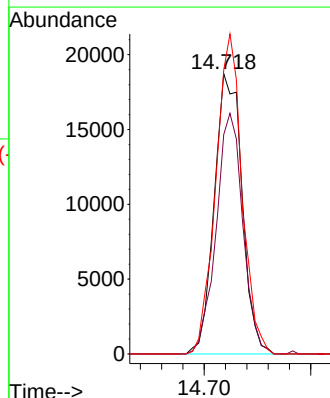
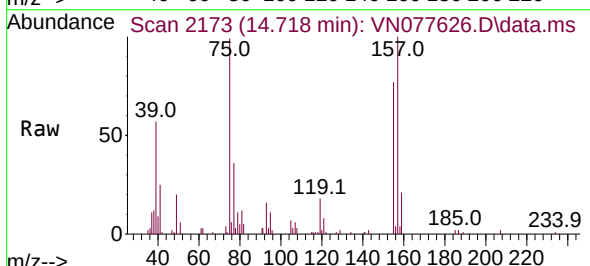
RT: 14.718 min Scan# 2173

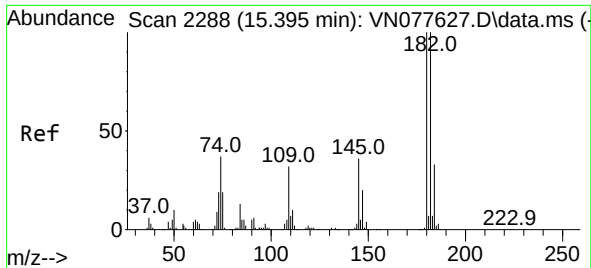
Delta R.T. -0.006 min

Lab File: VN077626.D

Acq: 09 May 2023 11:46

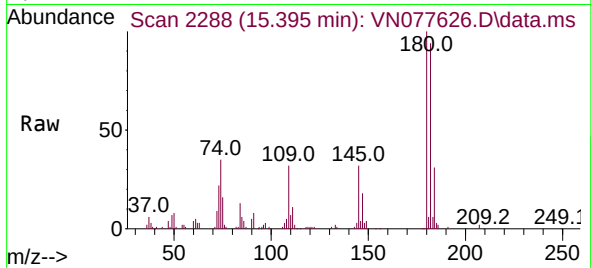
Tgt Ion:	75	Resp:	33776
Ion Ratio	Lower	Upper	
75	100		
155	82.8	39.1	117.2
157	108.0	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.807 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

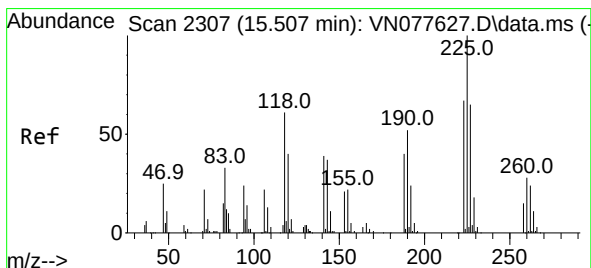
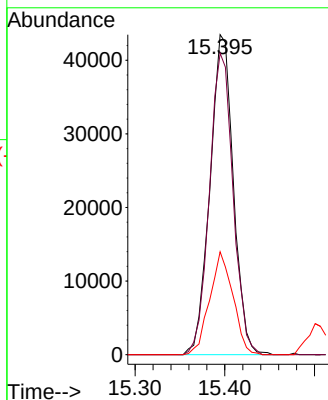
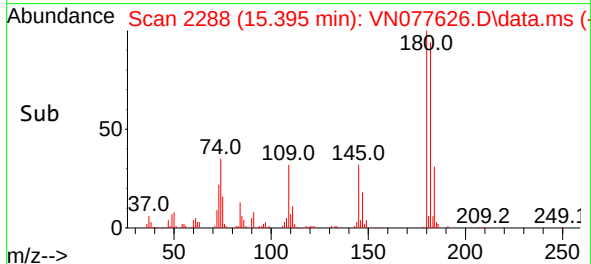
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



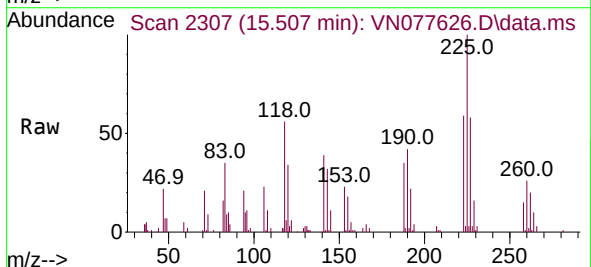
Tgt Ion:180 Resp: 78749
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 32.0 16.6 49.8

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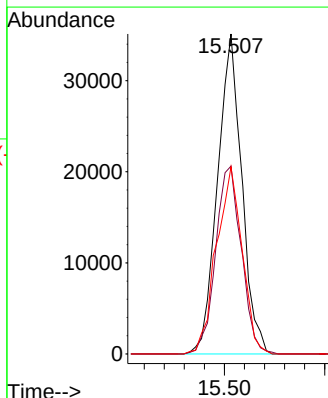
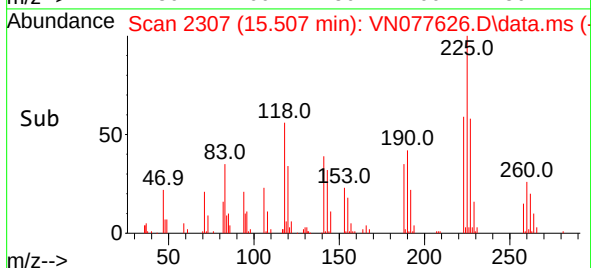
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

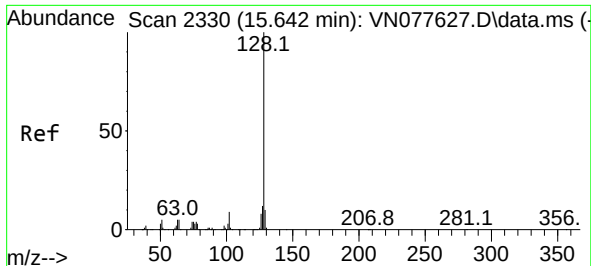


#94
Hexachlorobutadiene
Concen: 20.144 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



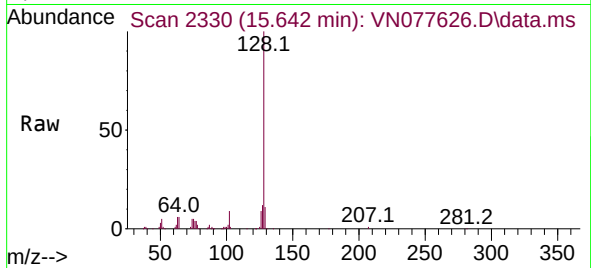
Tgt Ion:225 Resp: 58950
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 62.1 31.9 95.9





#95
Naphthalene
Concen: 16.841 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46

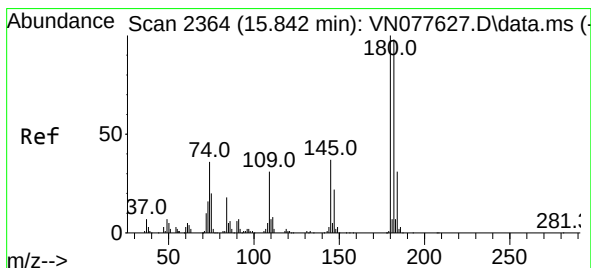
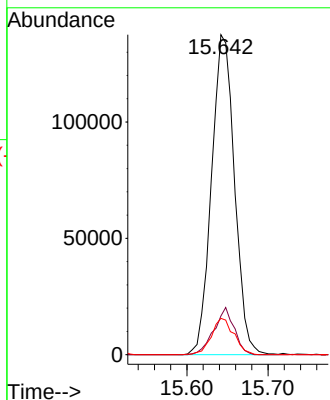
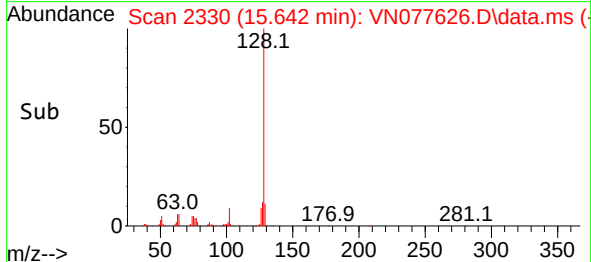
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



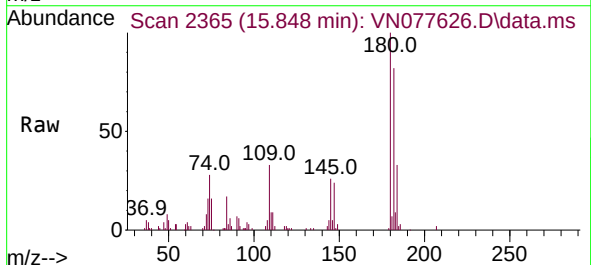
Tgt Ion:128 Resp: 27068
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 05/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.744 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077626.D
Acq: 09 May 2023 11:46



Tgt Ion:180 Resp: 73313
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 33.0 17.5 52.6

