

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077549.D
 Acq On : 01 May 2023 18:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 22:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	709007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1321828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1219896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	526243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	378089	40.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.740%
35) Dibromofluoromethane	8.166	113	325409	40.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.920%
50) Toluene-d8	10.571	98	1311467	43.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.140%
62) 4-Bromofluorobenzene	12.854	95	465431	46.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	360116	39.852	ug/l	98
3) Chloromethane	2.372	50	263549	37.083	ug/l	97
4) Vinyl Chloride	2.519	62	376251	39.741	ug/l	99
5) Bromomethane	2.948	94	302874	36.930	ug/l	95
6) Chloroethane	3.125	64	260919	36.274	ug/l	96
7) Trichlorofluoromethane	3.501	101	596899	42.894	ug/l	97
8) Diethyl Ether	3.972	74	208060	41.146	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	343021	42.385	ug/l	99
10) Methyl Iodide	4.595	142	409497	41.186	ug/l	97
11) Tert butyl alcohol	5.531	59	302997	204.007	ug/l	100
12) 1,1-Dichloroethene	4.348	96	325427	41.130	ug/l	97
13) Acrolein	4.190	56	338638	229.198	ug/l	96
14) Allyl chloride	5.031	41	364654	41.453	ug/l	98
15) Acrylonitrile	5.731	53	747569	221.875	ug/l	99
16) Acetone	4.437	43	566612	192.506	ug/l	95
17) Carbon Disulfide	4.725	76	727899	36.204	ug/l	100
18) Methyl Acetate	5.037	43	496842	43.712	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	1145712	43.541	ug/l	98
20) Methylene Chloride	5.289	84	382773	41.007	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	355262	41.523	ug/l	91
22) Diisopropyl ether	6.683	45	827449	40.985	ug/l	95
23) Vinyl Acetate	6.613	43	2575759	204.286	ug/l	99
24) 1,1-Dichloroethane	6.578	63	599639	41.959	ug/l	99
25) 2-Butanone	7.489	43	870311	208.475	ug/l	99
26) 2,2-Dichloropropane	7.495	77	582230	42.017	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	445918	44.007	ug/l	96
28) Bromochloromethane	7.819	49	229545	42.061	ug/l	90
29) Tetrahydrofuran	7.842	42	556450	212.739	ug/l	96
30) Chloroform	7.972	83	732085	45.455	ug/l	98
31) Cyclohexane	8.260	56	492023	37.542	ug/l	90
32) 1,1,1-Trichloroethane	8.172	97	669531	45.217	ug/l	99
36) 1,1-Dichloropropene	8.377	75	500512	43.607	ug/l	99
37) Ethyl Acetate	7.566	43	372867	42.751	ug/l	100
38) Carbon Tetrachloride	8.366	117	573272	45.268	ug/l	100
39) Methylcyclohexane	9.607	83	657288	43.465	ug/l	98
40) Benzene	8.613	78	1556220	44.507	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	193792	42.661	ug/l	94
42) 1,2-Dichloroethane	8.677	62	522098	43.473	ug/l	98
43) Isopropyl Acetate	8.695	43	641240	42.498	ug/l	96
44) Trichloroethene	9.354	130	402545	44.963	ug/l	96
45) 1,2-Dichloropropane	9.624	63	358378	43.754	ug/l	95
46) Dibromomethane	9.713	93	294441	44.303	ug/l	98
47) Bromodichloromethane	9.889	83	591522	46.013	ug/l	94
48) Methyl methacrylate	9.683	41	281040	40.918	ug/l	94
49) 1,4-Dioxane	9.701	88	157826	916.100	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1933328	218.448	ug/l	98
52) Toluene	10.636	92	1055532	46.080	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	602622	46.294	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	649273	45.823	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	423324	45.957	ug/l	99
56) Ethyl methacrylate	10.877	69	604914	46.867	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	692754	47.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1037593	237.673	ug/l	99
59) 2-Hexanone	11.195	43	1407309	218.758	ug/l	97
60) Dibromochloromethane	11.360	129	457831	47.892	ug/l	99
61) 1,2-Dibromoethane	11.471	107	442083	47.009	ug/l	97
64) Tetrachloroethene	11.107	164	311660	42.679	ug/l	96
65) Chlorobenzene	11.895	112	1137056	44.048	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	421332	44.862	ug/l	99
67) Ethyl Benzene	11.965	91	2065457	45.452	ug/l	100
68) m/p-Xylenes	12.071	106	1609984	91.158	ug/l	99
69) o-Xylene	12.401	106	805935	46.393	ug/l	100
70) Styrene	12.413	104	1298573	47.798	ug/l	99
71) Bromoform	12.583	173	294320	47.900	ug/l #	99
73) Isopropylbenzene	12.701	105	2100537	43.015	ug/l	98
74) N-amyl acetate	12.495	43	550753	38.095	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	624910	40.728	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	527772m	43.128	ug/l	
77) Bromobenzene	12.983	156	443133	41.637	ug/l	99
78) n-propylbenzene	13.036	91	2382817	44.131	ug/l	100
79) 2-Chlorotoluene	13.130	91	1428254	42.903	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1773240	48.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	178782	41.275	ug/l	98
82) 4-Chlorotoluene	13.224	91	1366413	43.925	ug/l	100
83) tert-Butylbenzene	13.442	119	1497987	42.535	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	1681761	49.656	ug/l	100
85) sec-Butylbenzene	13.618	105	2178902	45.075	ug/l	100
86) p-Isopropyltoluene	13.730	119	1734781	46.643	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	821119	43.383	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	806433	43.152	ug/l	99
89) n-Butylbenzene	14.059	91	1423999	49.473	ug/l	99
90) Hexachloroethane	14.336	117	335022	40.772	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	798429	42.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	112658	39.705	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	259239	44.838	ug/l	96
94) Hexachlorobutadiene	15.506	225	165562	43.643	ug/l	98
95) Naphthalene	15.642	128	1000819	45.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	243253	44.933	ug/l	96

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

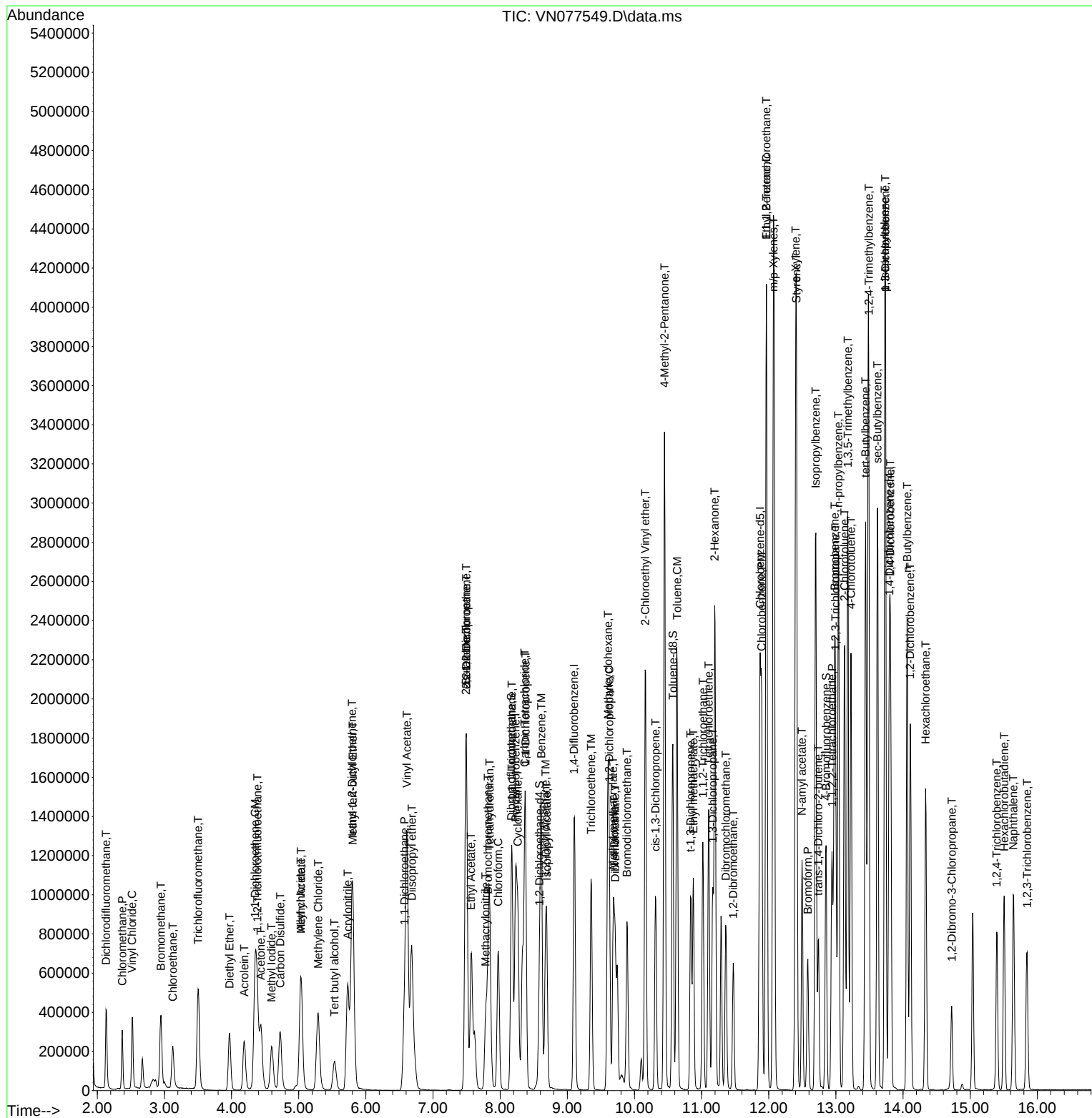
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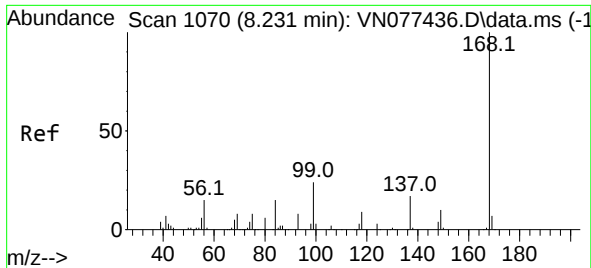
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077549.D
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Instrument :

MSVOA_N

ClientSampleId :

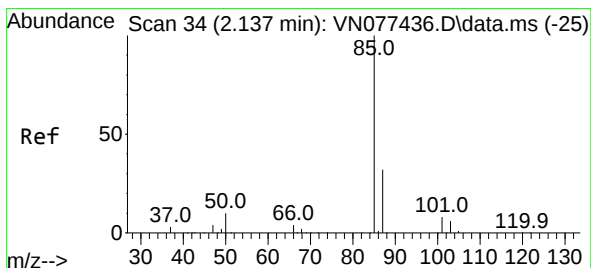
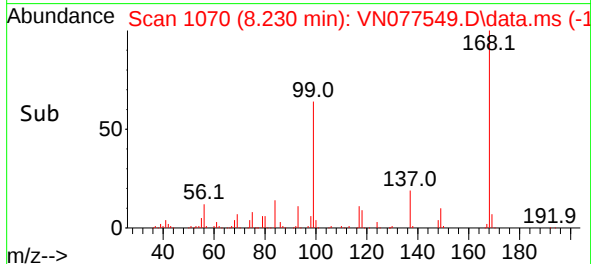
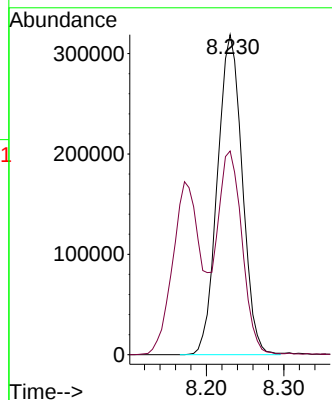
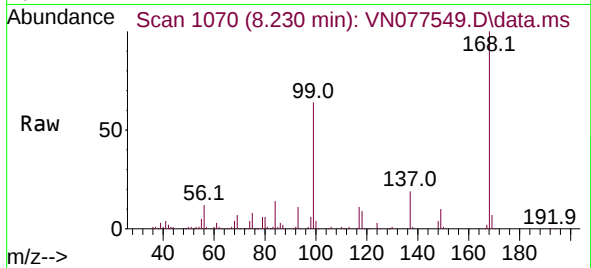
VSTDCCC050EC

Tgt Ion:168 Resp: 70900
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6

Manual Integrations

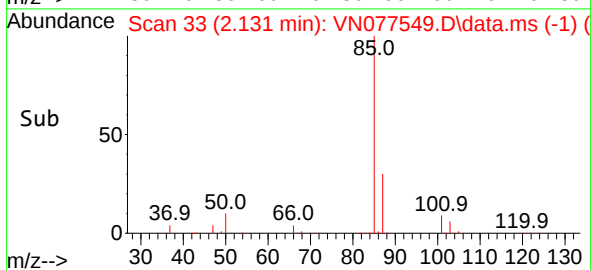
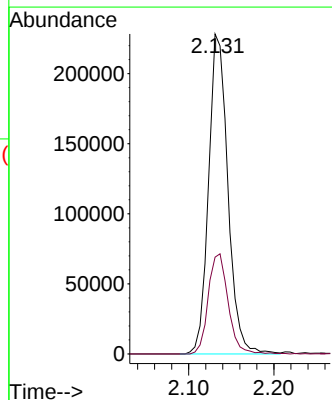
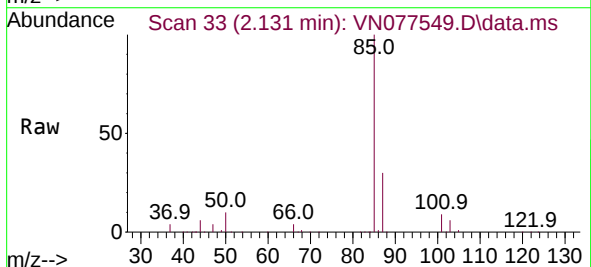
APPROVED

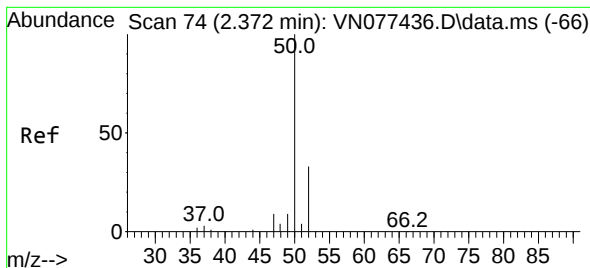
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#2
Dichlorodifluoromethane
Concen: 39.852 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

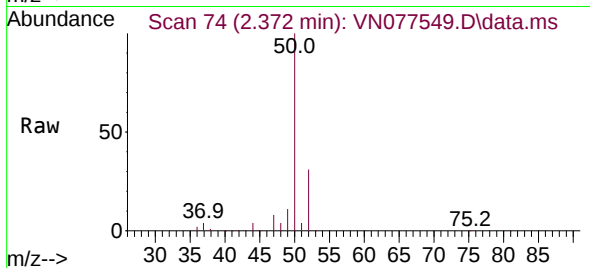
Tgt Ion: 85 Resp: 360116
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





#3
Chloromethane
Concen: 37.083 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

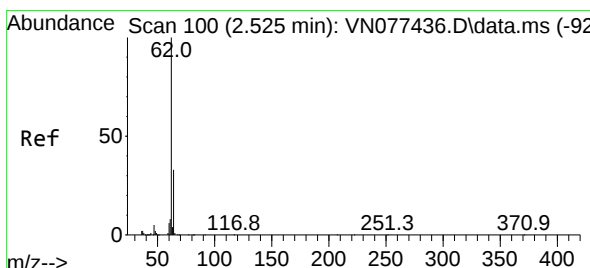
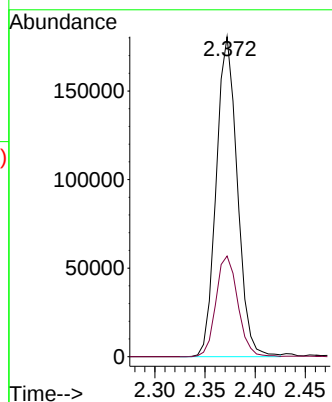
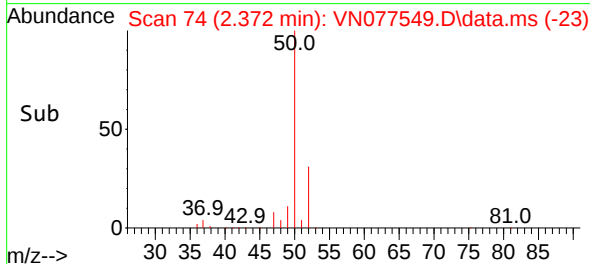
Instrument :
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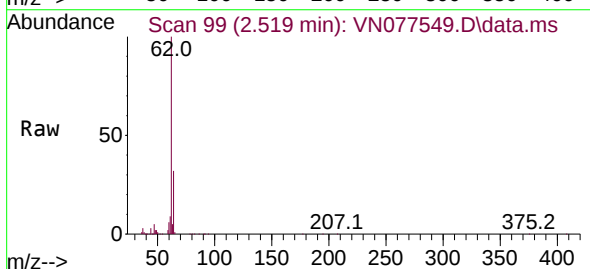
Tgt Ion: 50 Resp: 263549
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

Manual Integrations
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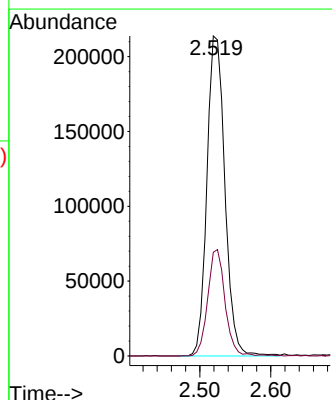
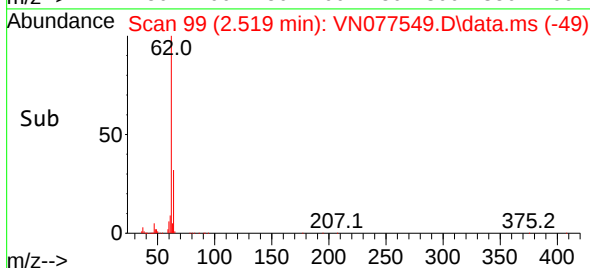
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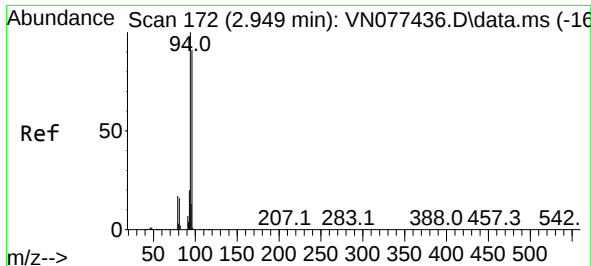


#4
Vinyl Chloride
Concen: 39.741 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



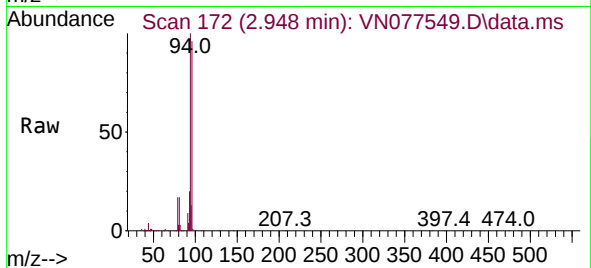
Tgt Ion: 62 Resp: 376251
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 36.930 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

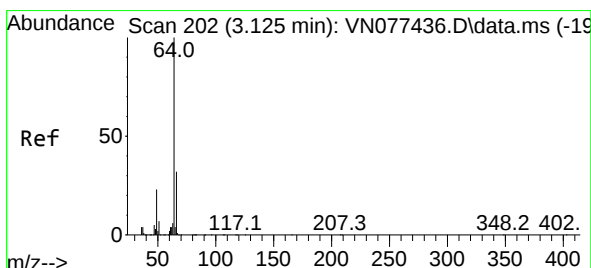
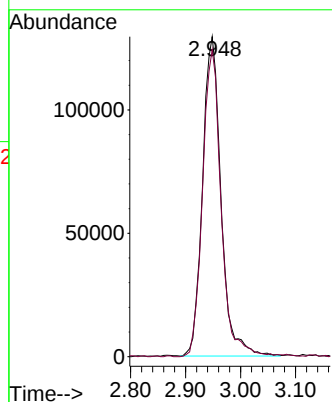
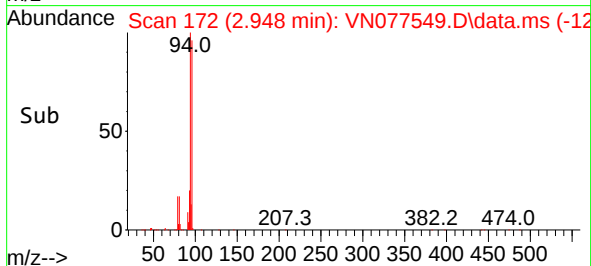
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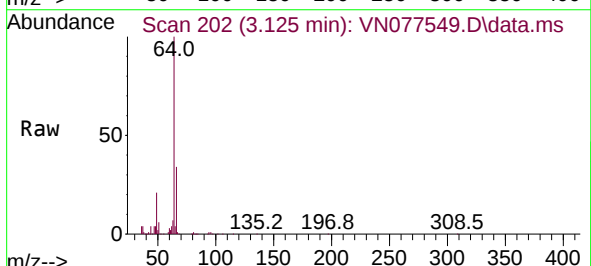
Tgt Ion: 94 Resp: 302874
Ion Ratio Lower Upper
94 100
96 96.1 73.1 109.7

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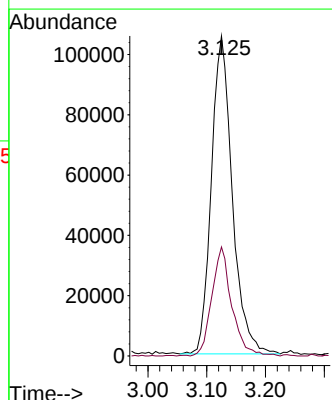
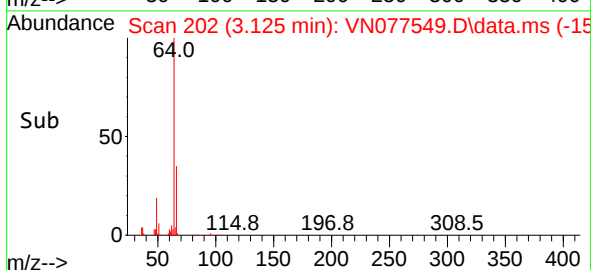
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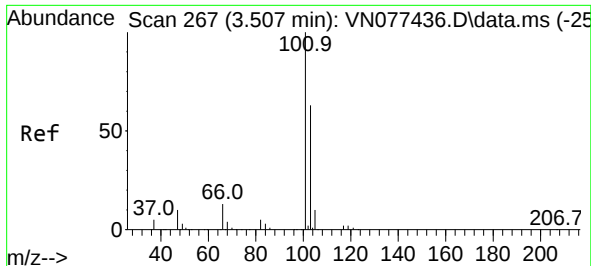


#6
Chloroethane
Concen: 36.274 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



Tgt Ion: 64 Resp: 260919
Ion Ratio Lower Upper
64 100
66 34.3 25.4 38.2





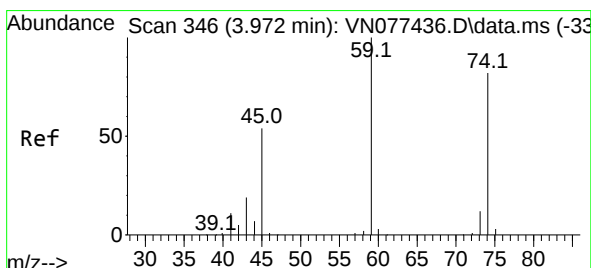
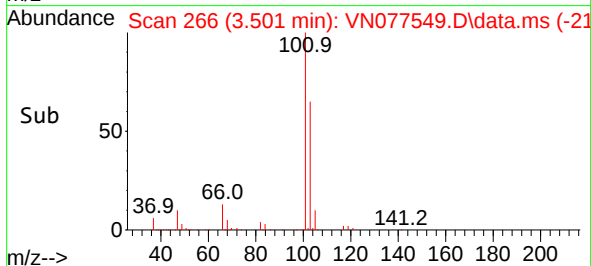
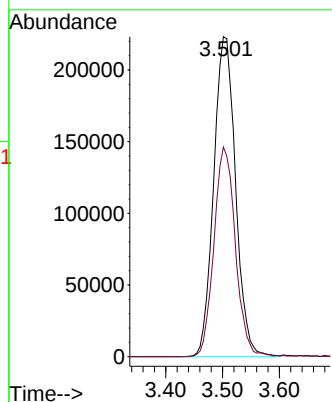
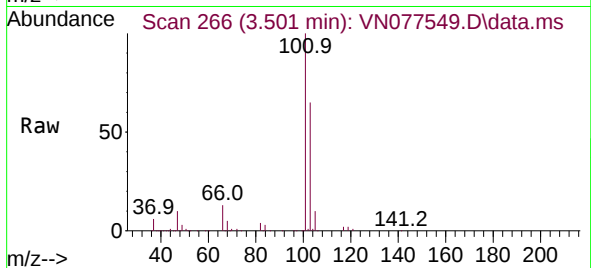
#7
Trichlorofluoromethane
Concen: 42.894 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Instrument :
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Tgt Ion:101 Resp: 59689
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

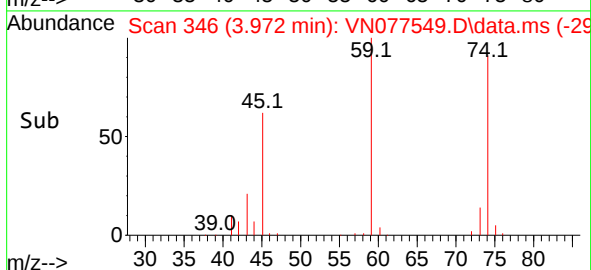
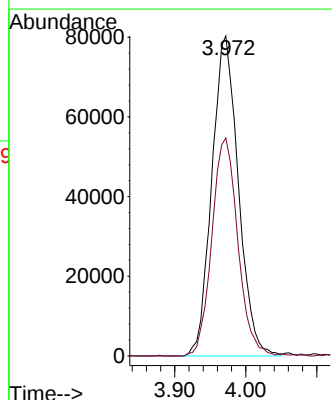
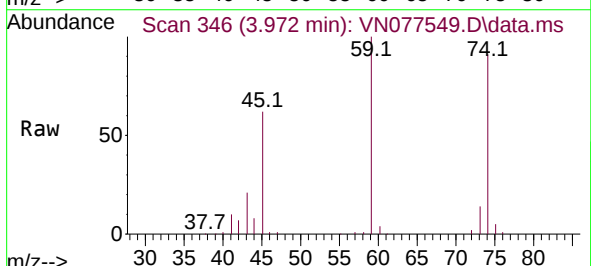
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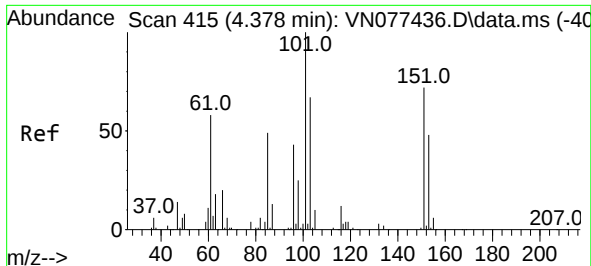
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#8
Diethyl Ether
Concen: 41.146 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

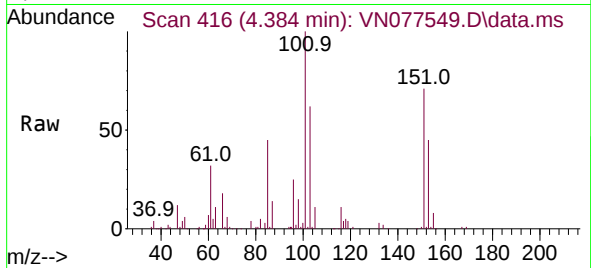
Tgt Ion: 74 Resp: 208060
Ion Ratio Lower Upper
74 100
45 67.0 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.385 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

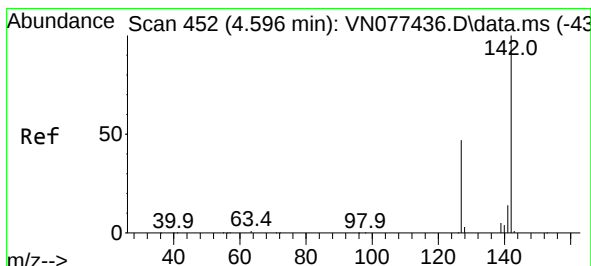
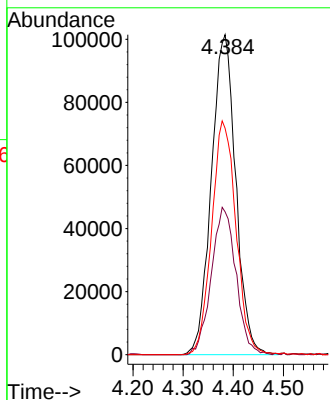
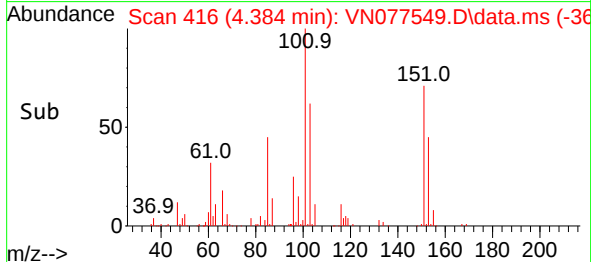
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 34302
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 73.2 57.6 86.4

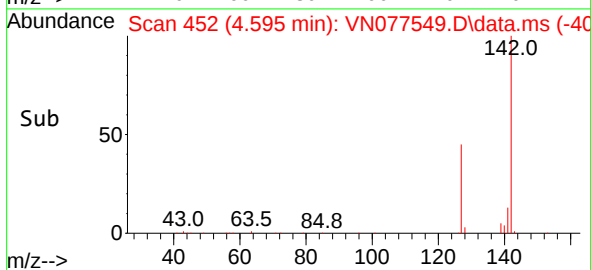
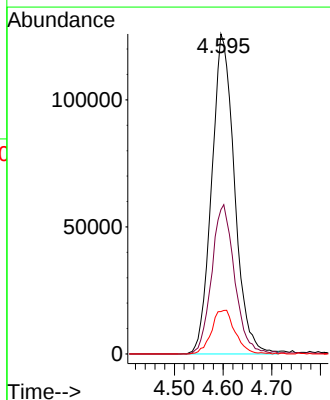
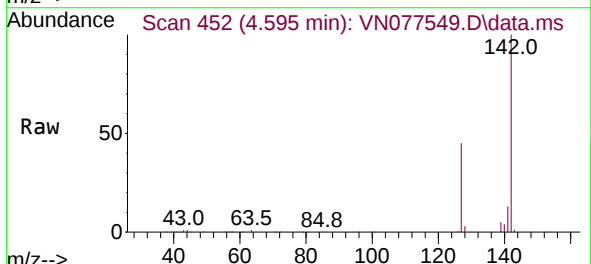
Manual Integrations
APPROVED

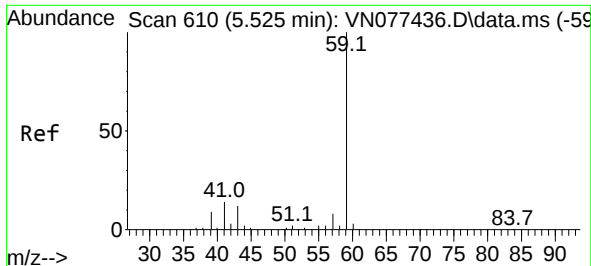
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#10
Methyl Iodide
Concen: 41.186 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

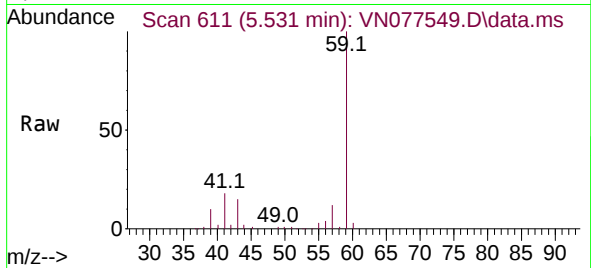
Tgt Ion:142 Resp: 409497
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 204.007 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

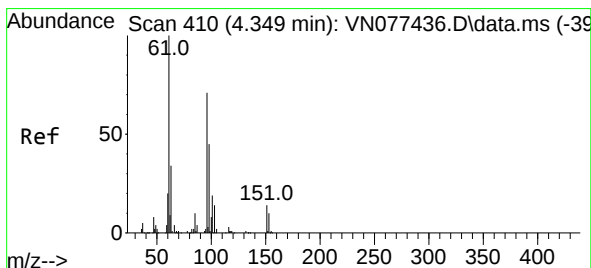
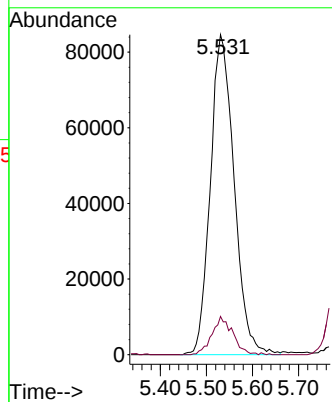
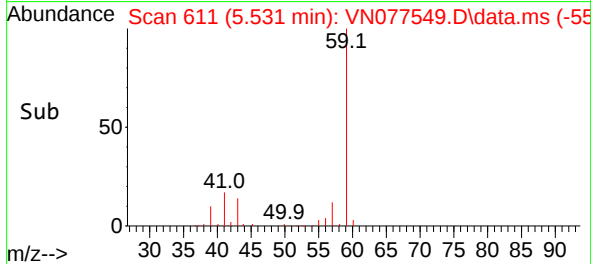
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 302997
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

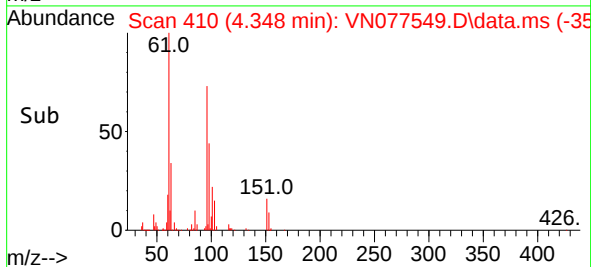
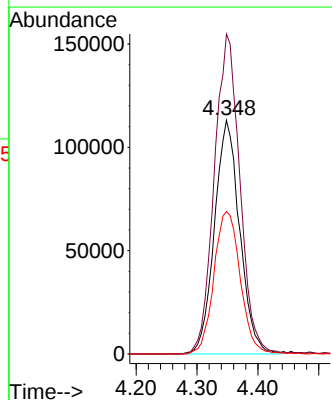
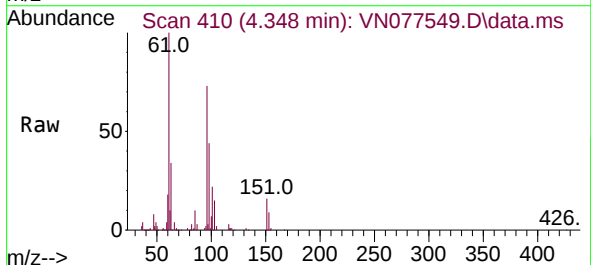
Manual Integrations
APPROVED

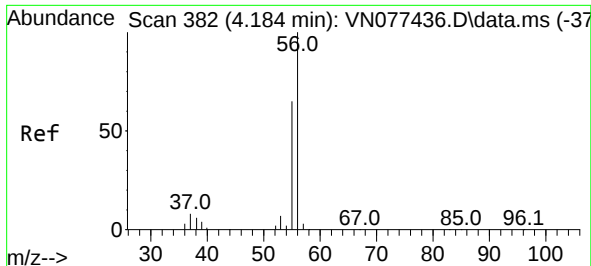
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 41.130 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

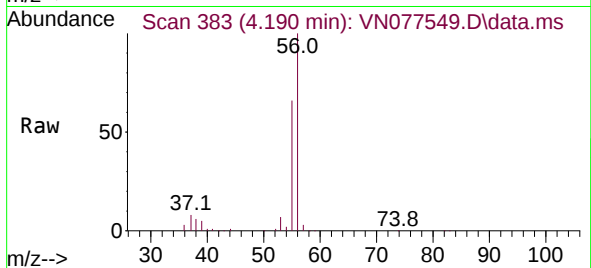
Tgt Ion: 96 Resp: 325427
Ion Ratio Lower Upper
96 100
61 136.9 112.7 169.1
98 60.9 51.2 76.8





#13
Acrolein
Concen: 229.198 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

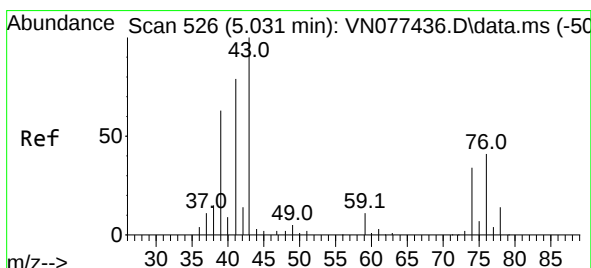
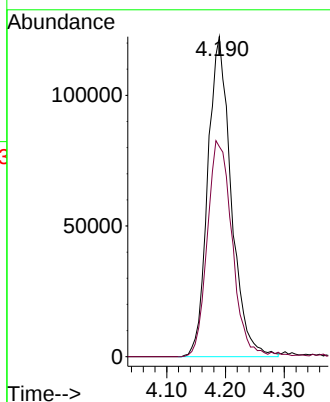
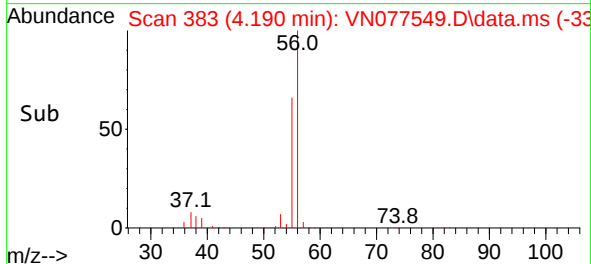
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



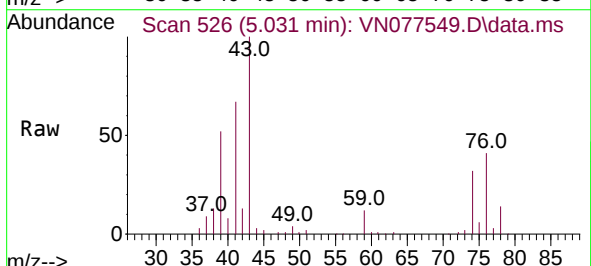
Tgt Ion: 56 Resp: 338638
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

Manual Integrations
APPROVED

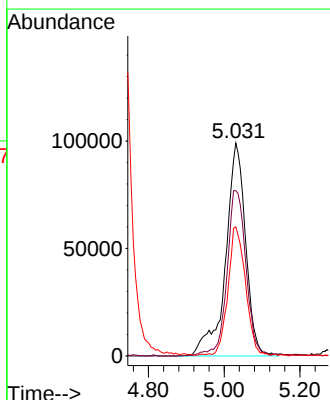
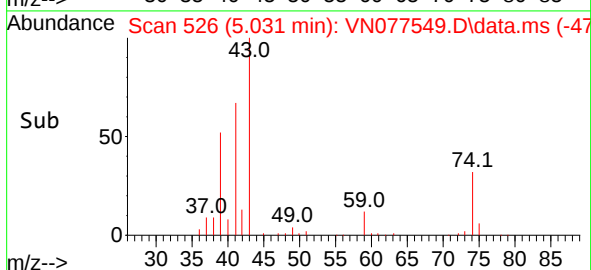
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

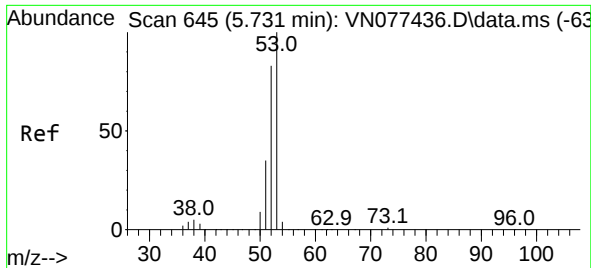


#14
Allyl chloride
Concen: 41.453 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



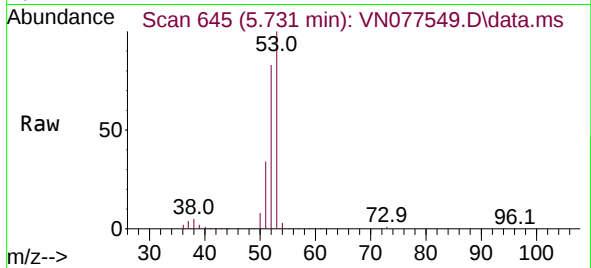
Tgt Ion: 41 Resp: 364654
Ion Ratio Lower Upper
41 100
39 73.7 58.8 88.2
76 52.4 39.1 58.7





#15
Acrylonitrile
Concen: 221.875 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

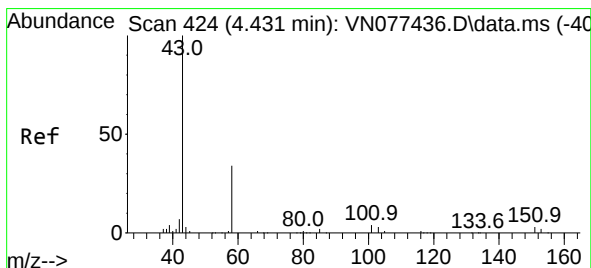
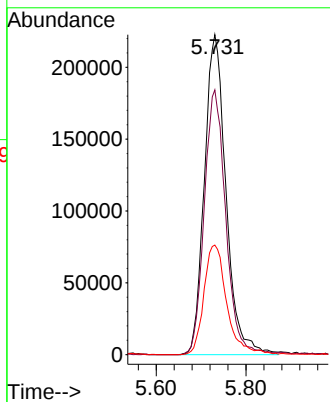
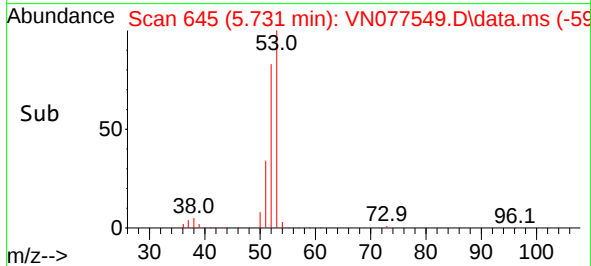
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



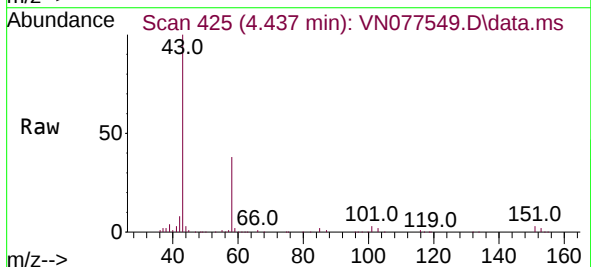
Tgt Ion: 53 Resp: 747569
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

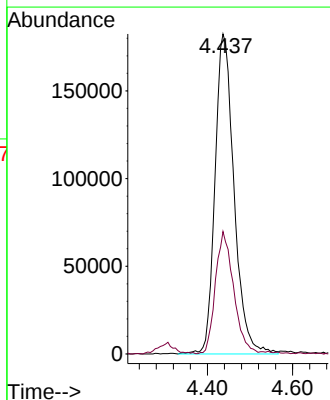
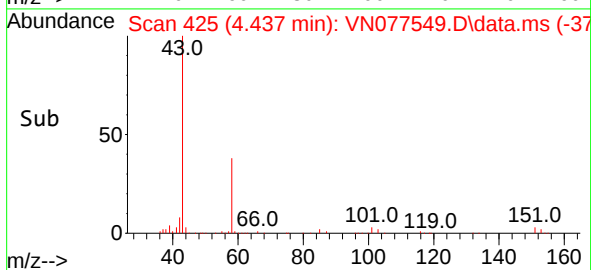
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

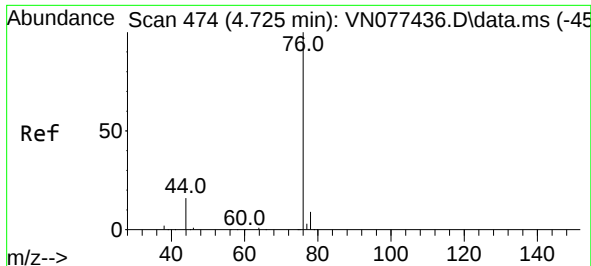


#16
Acetone
Concen: 192.506 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



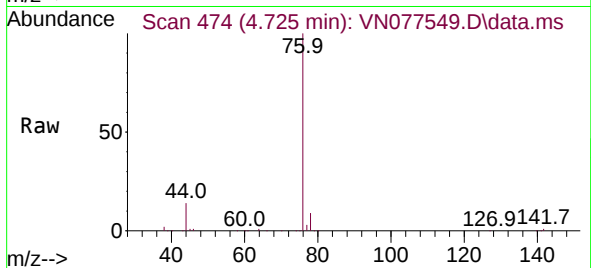
Tgt Ion: 43 Resp: 566612
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0





#17
Carbon Disulfide
Concen: 36.204 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

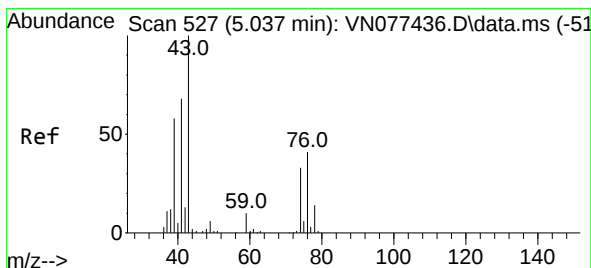
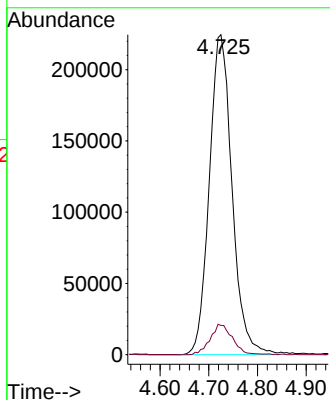
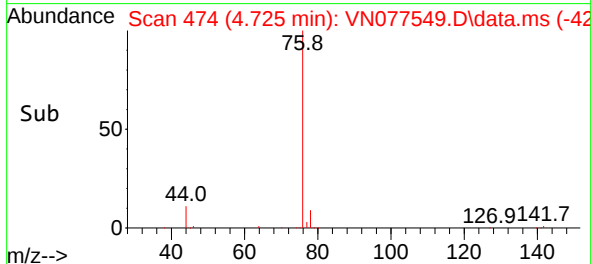
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 727899
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

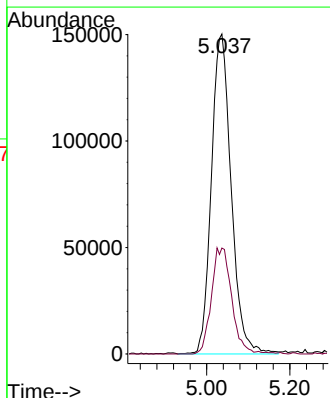
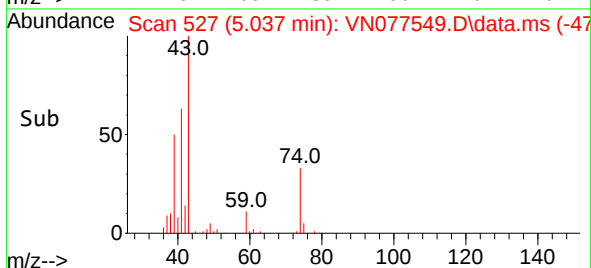
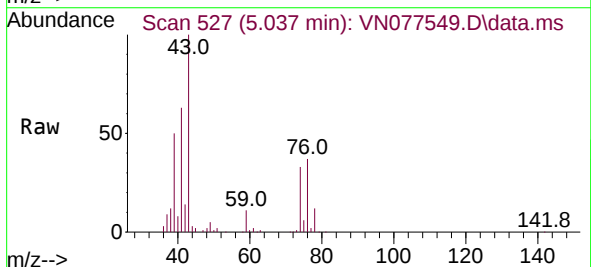
Manual Integrations
APPROVED

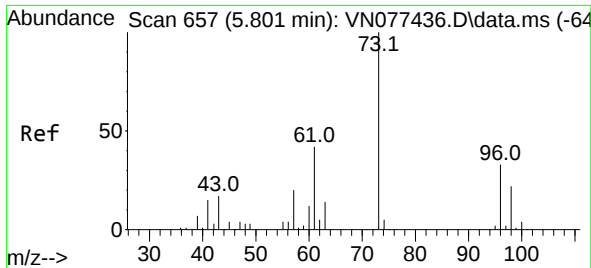
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#18
Methyl Acetate
Concen: 43.712 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

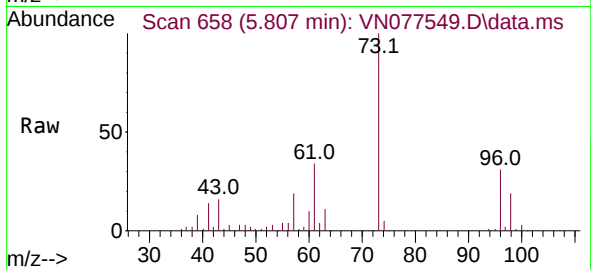
Tgt Ion: 43 Resp: 496842
Ion Ratio Lower Upper
43 100
74 33.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 43.541 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

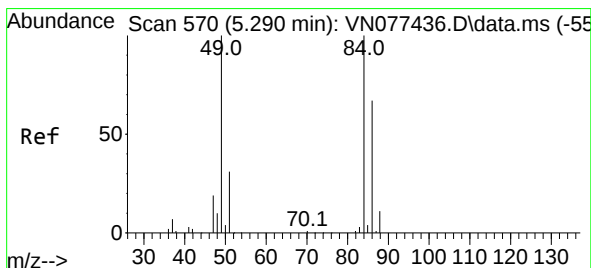
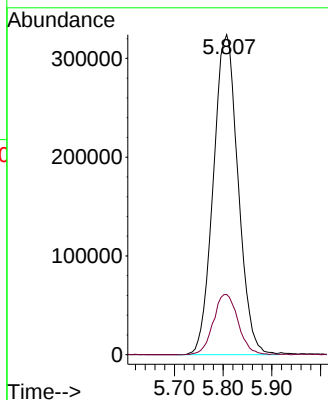
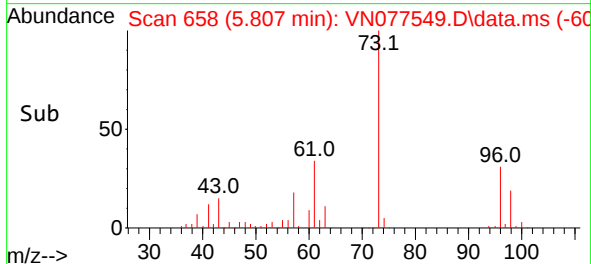
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 114571
Ion Ratio Lower Upper
73 100
57 18.8 15.6 23.4

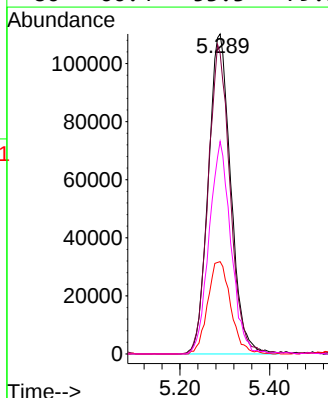
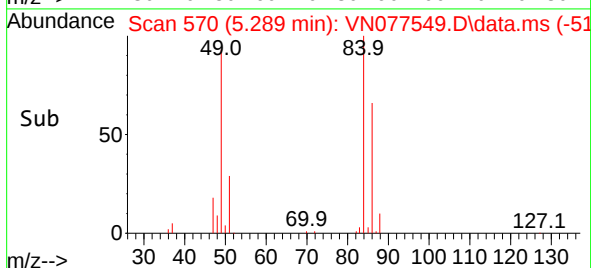
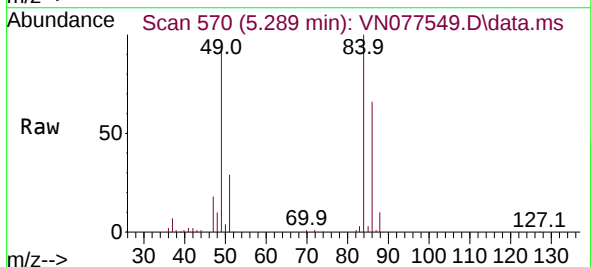
Manual Integrations
APPROVED

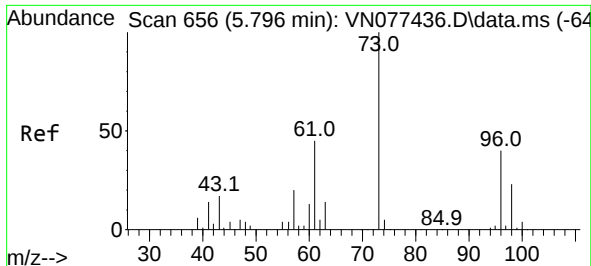
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#20
Methylene Chloride
Concen: 41.007 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Tgt Ion: 84 Resp: 382773
Ion Ratio Lower Upper
84 100
49 93.9 79.7 119.5
51 28.9 25.2 37.8
86 66.4 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 41.523 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 35526

Ion Ratio Lower Upper

96 100

61 121.4 90.1 135.1

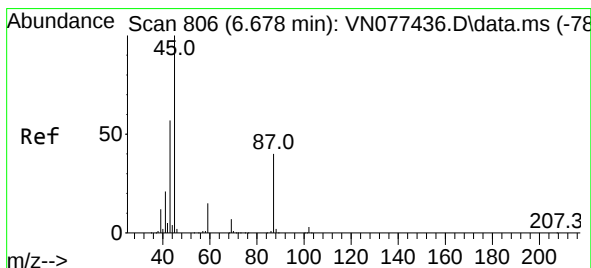
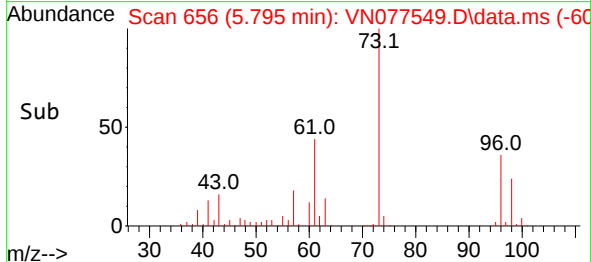
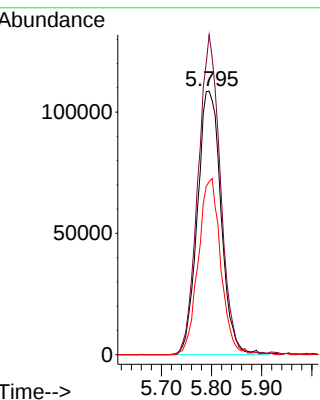
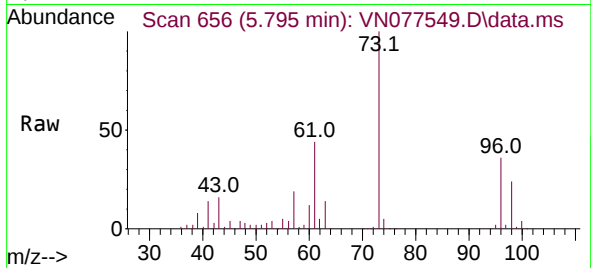
98 65.7 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#22

Diisopropyl ether

Concen: 40.985 ug/l

RT: 6.683 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Tgt Ion: 45 Resp: 827449

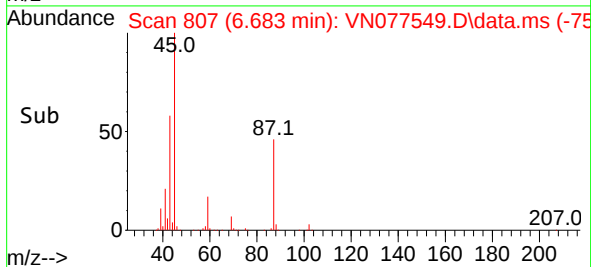
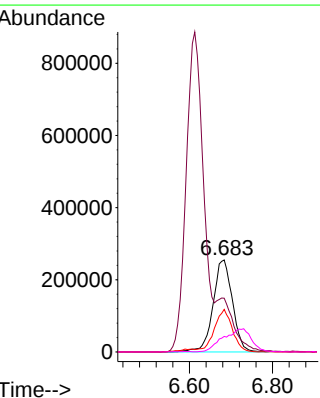
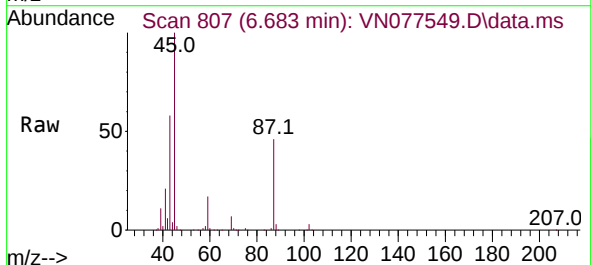
Ion Ratio Lower Upper

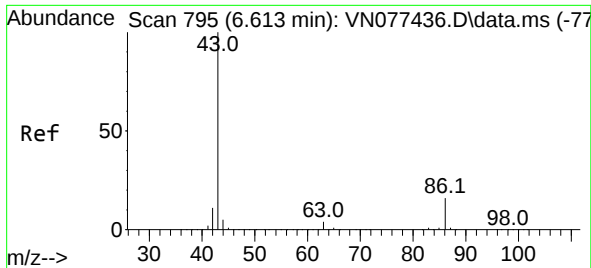
45 100

43 57.9 45.5 68.3

87 46.1 31.8 47.8

59 16.6 11.6 17.4





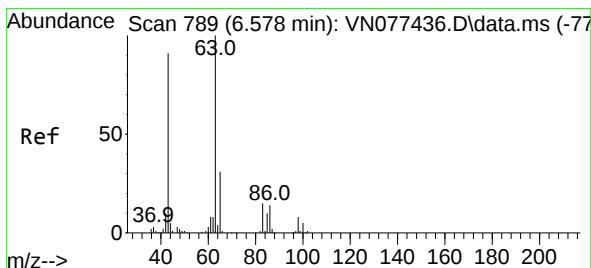
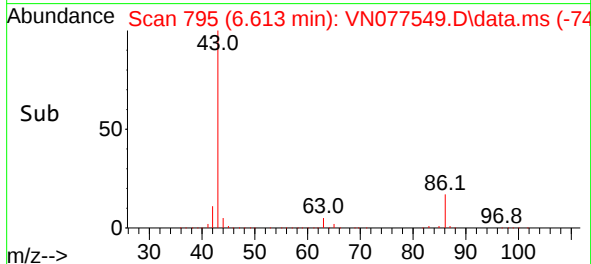
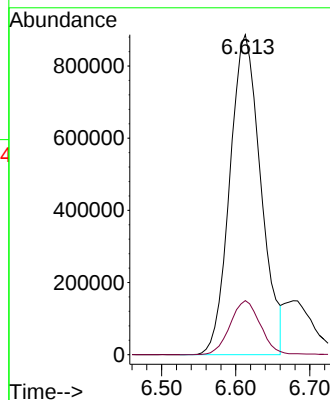
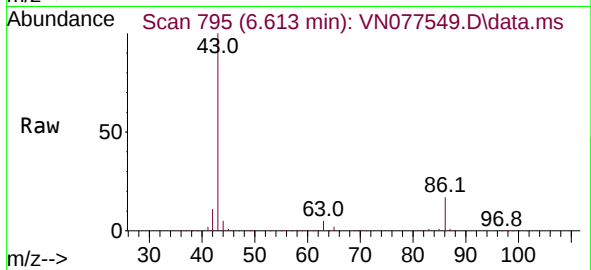
#23
 Vinyl Acetate
 Concen: 204.286 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077549.D
 Acq: 01 May 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 257575
 Ion Ratio Lower Upper
 43 100
 86 16.9 13.0 19.6

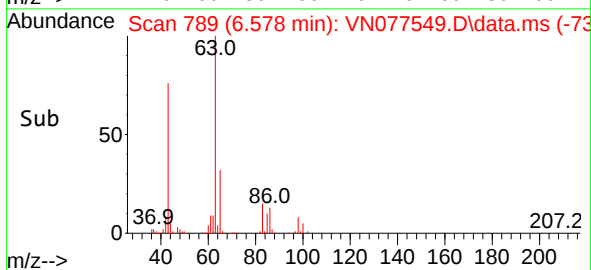
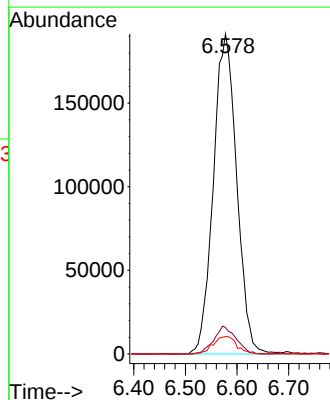
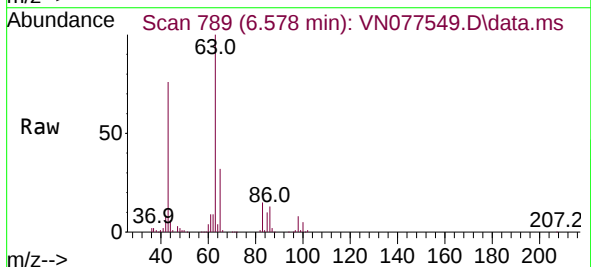
Manual Integrations
 APPROVED

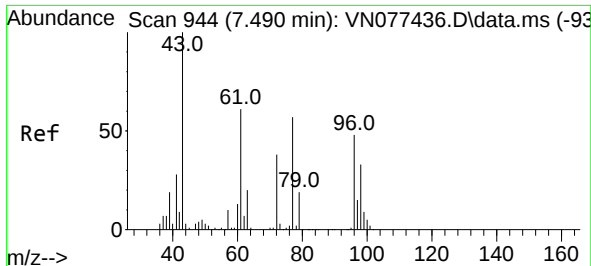
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#24
 1,1-Dichloroethane
 Concen: 41.959 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077549.D
 Acq: 01 May 2023 18:01

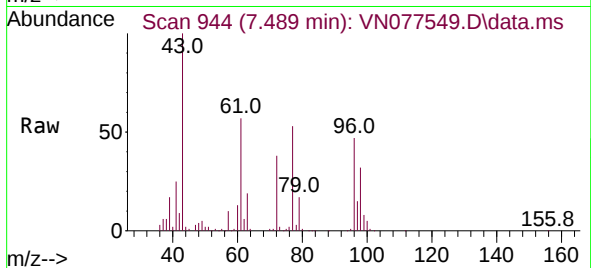
Tgt Ion: 63 Resp: 599639
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 5.5 2.5 7.4





#25
2-Butanone
Concen: 208.475 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

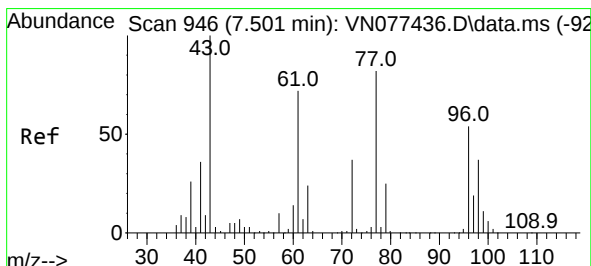
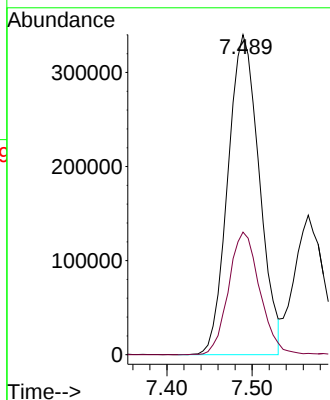
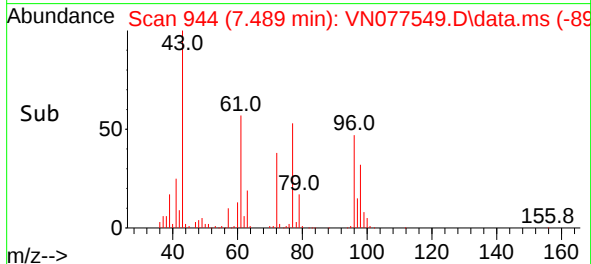
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



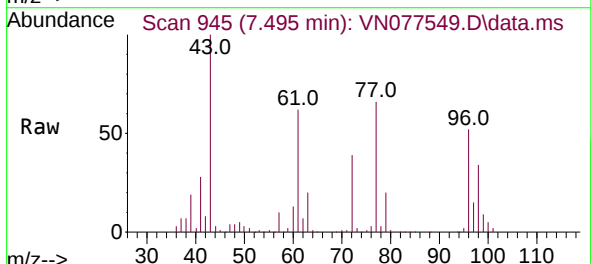
Tgt Ion: 43 Resp: 87031
Ion Ratio Lower Upper
43 100
72 38.3 30.2 45.2

Manual Integrations
APPROVED

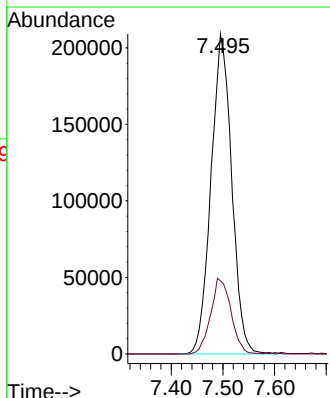
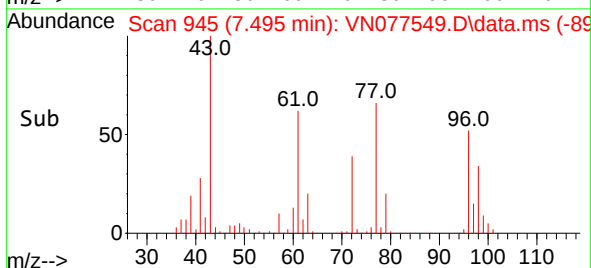
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

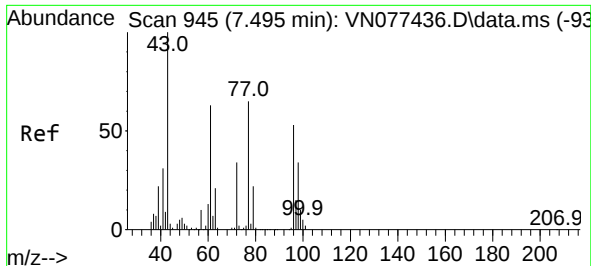


#26
2,2-Dichloropropane
Concen: 42.017 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



Tgt Ion: 77 Resp: 582230
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 44.007 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077549.D

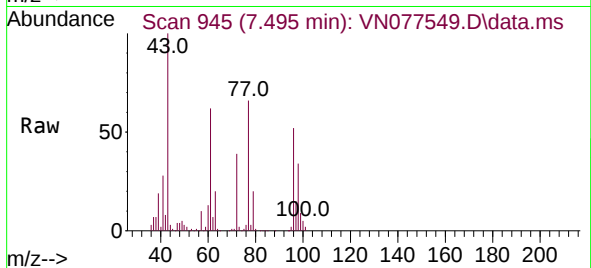
Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



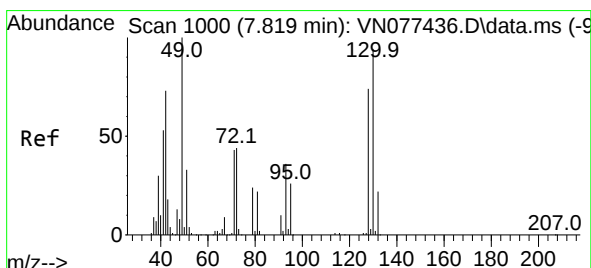
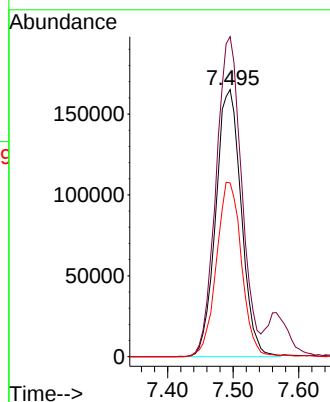
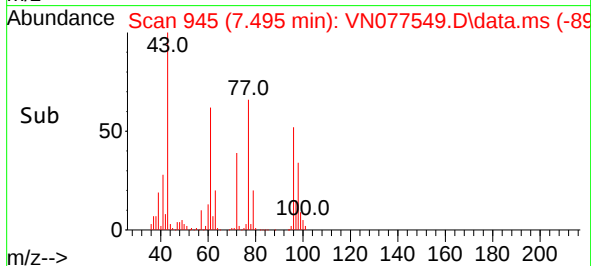
Tgt Ion:	96	Resp:	445918
Ion Ratio	100	Lower	Upper
96	100		
61	120.3	0.0	255.2
98	64.3	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#28

Bromochloromethane

Concen: 42.061 ug/l

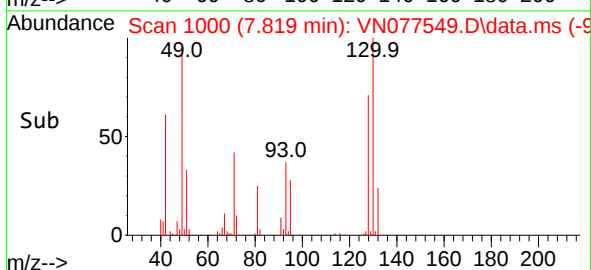
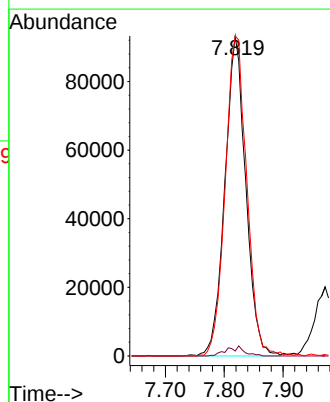
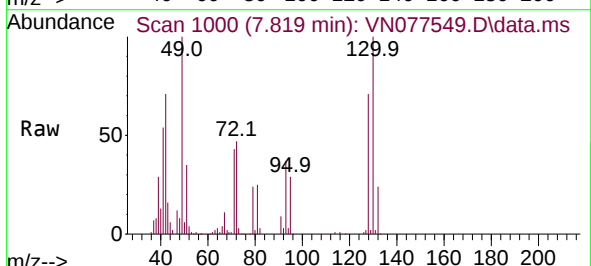
RT: 7.819 min Scan# 1000

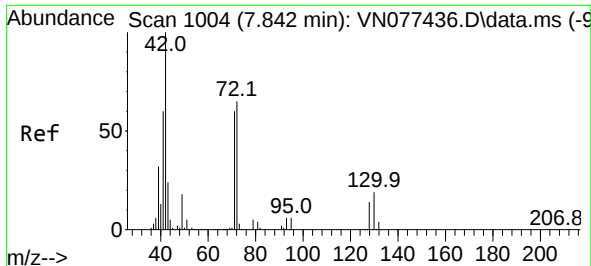
Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Tgt Ion:	49	Resp:	229545
Ion Ratio	100	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	103.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 212.739 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 556450

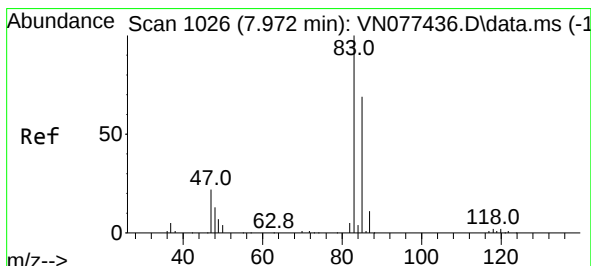
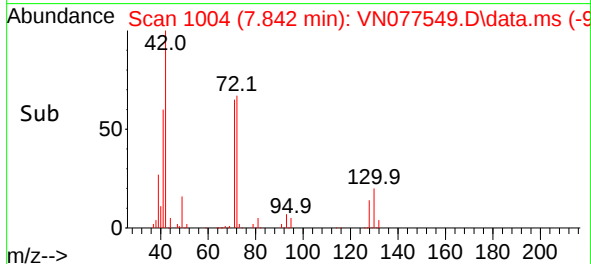
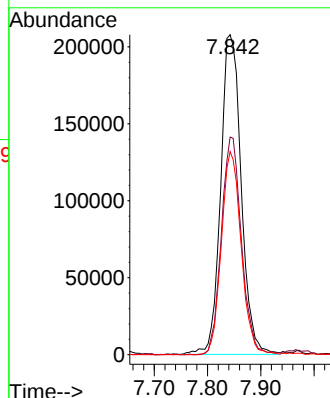
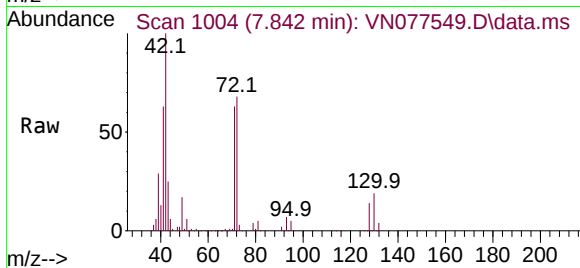
Ion	Ratio	Lower	Upper
42	100		
72	66.6	49.8	74.6
71	61.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 45.455 ug/l

RT: 7.972 min Scan# 1026

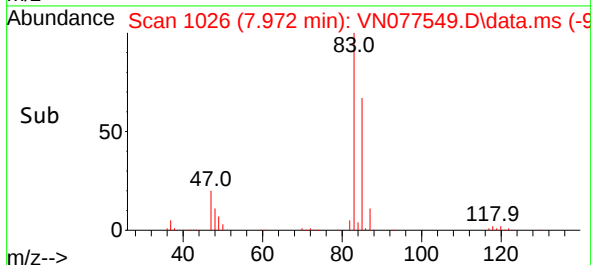
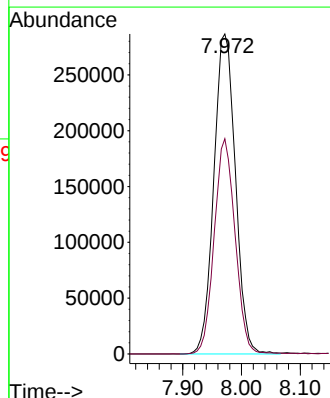
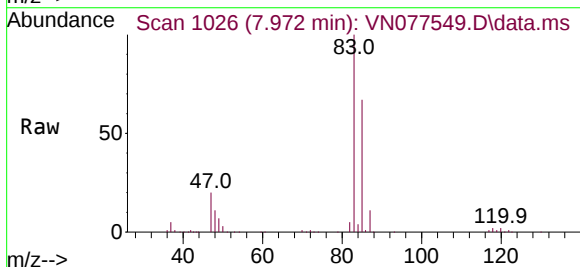
Delta R.T. -0.000 min

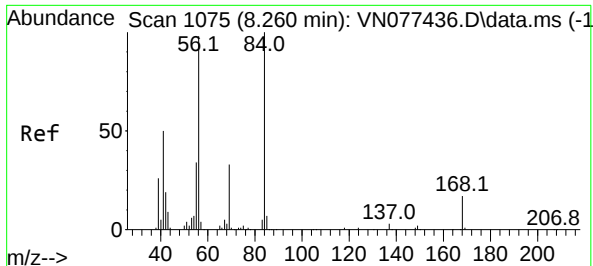
Lab File: VN077549.D

Acq: 01 May 2023 18:01

Tgt Ion: 83 Resp: 732085

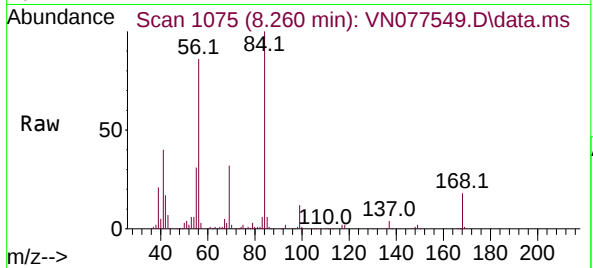
Ion	Ratio	Lower	Upper
83	100		
85	67.3	55.4	83.0





#31
Cyclohexane
Concen: 37.542 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

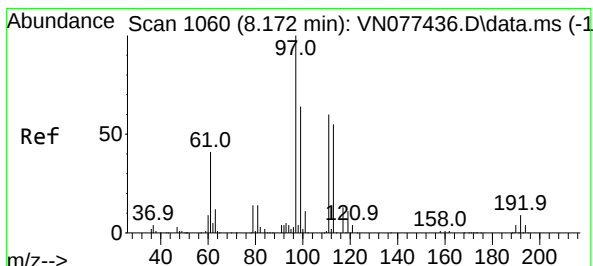
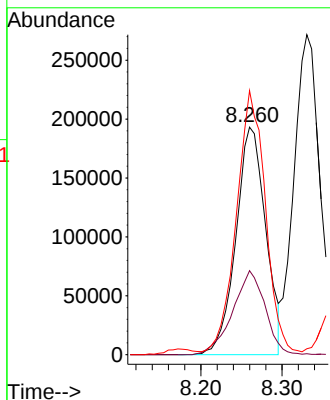
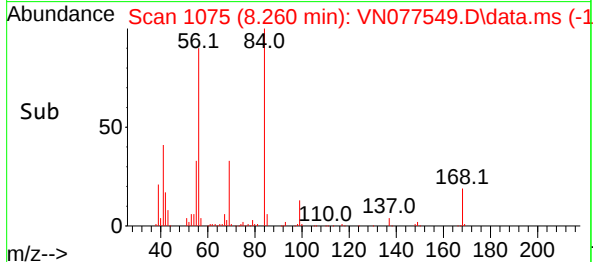
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



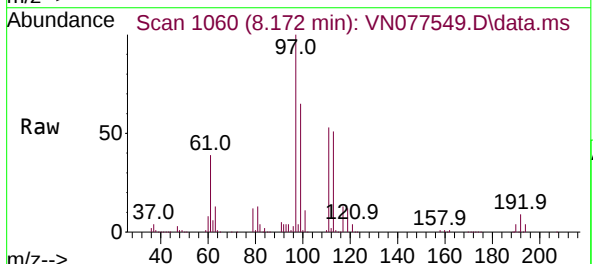
Tgt Ion: 56 Resp: 492023
Ion Ratio Lower Upper
56 100
69 37.0 26.8 40.2
84 113.5 81.8 122.6

Manual Integrations
APPROVED

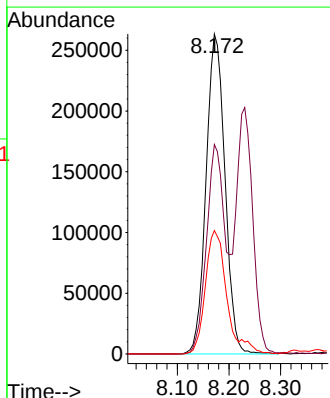
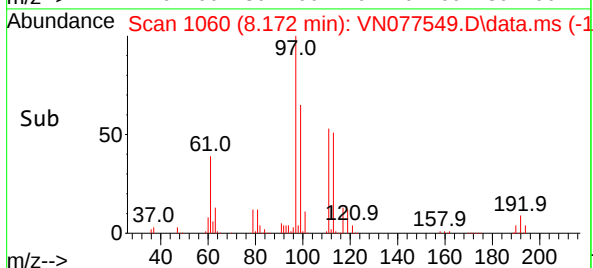
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

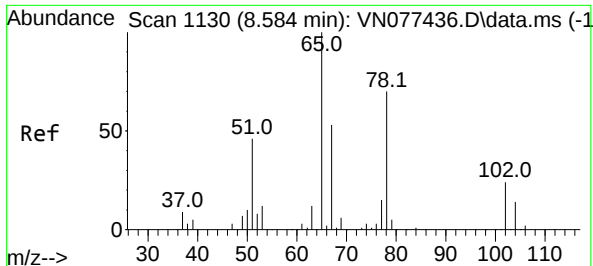


#32
1,1,1-Trichloroethane
Concen: 45.217 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



Tgt Ion: 97 Resp: 669531
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 40.867 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 378089

Ion Ratio Lower Upper

65 100

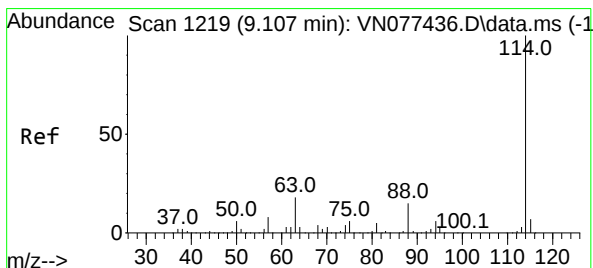
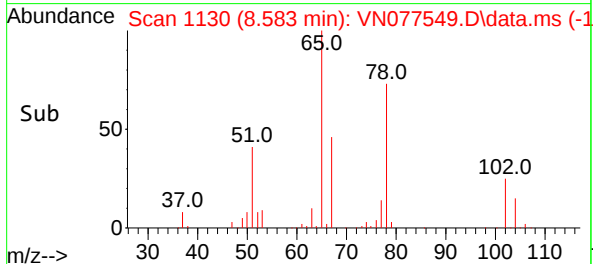
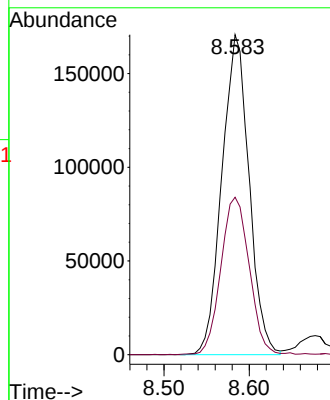
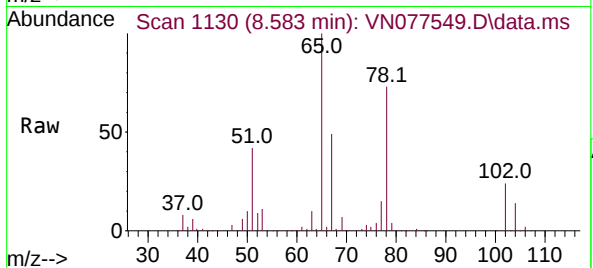
67 51.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

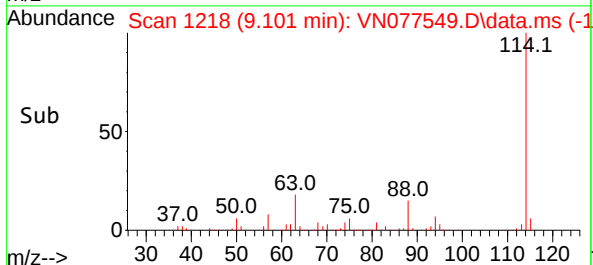
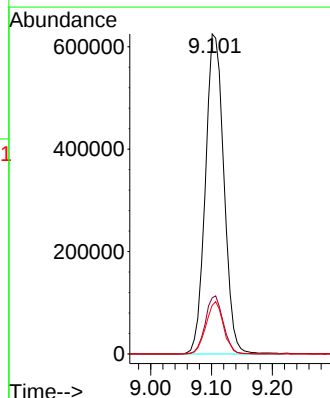
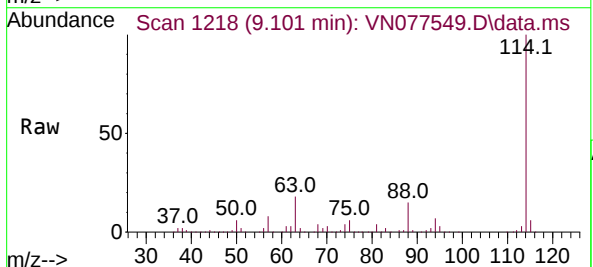
Tgt Ion:114 Resp: 1321828

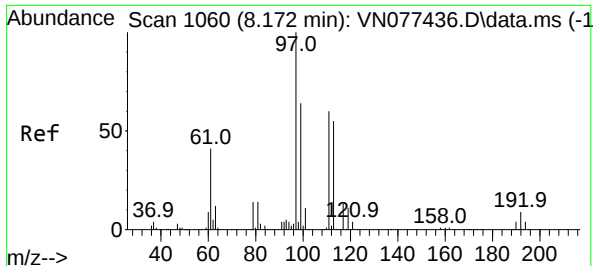
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 40.959 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 325409

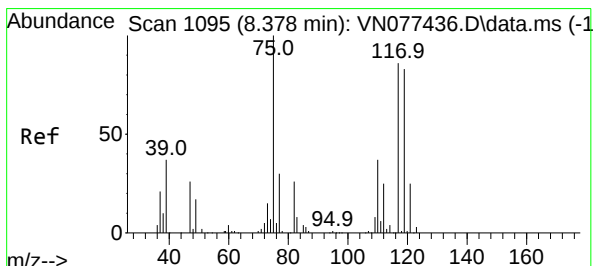
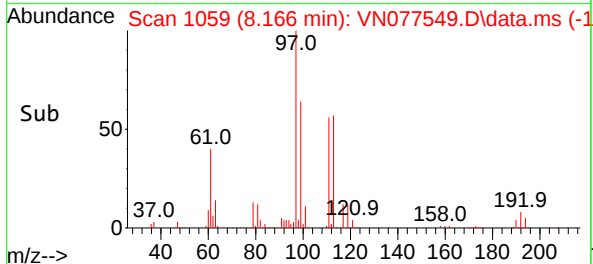
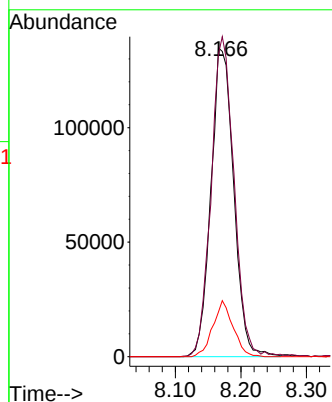
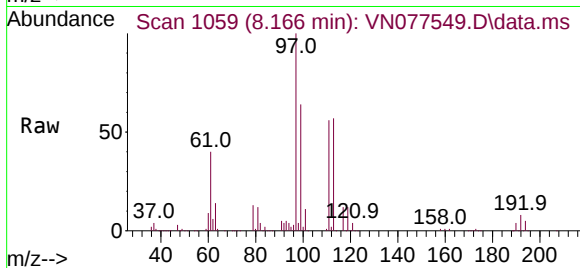
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	16.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#36

1,1-Dichloropropene

Concen: 43.607 ug/l

RT: 8.377 min Scan# 1095

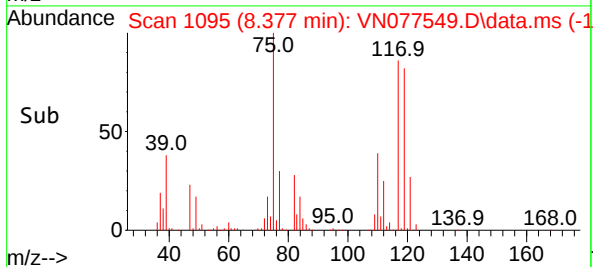
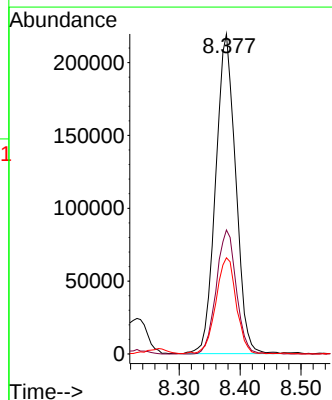
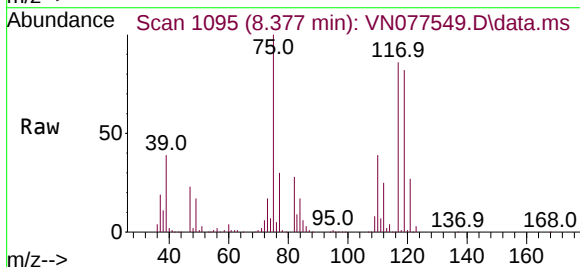
Delta R.T. -0.000 min

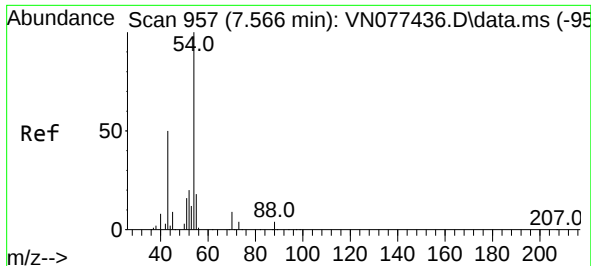
Lab File: VN077549.D

Acq: 01 May 2023 18:01

Tgt Ion: 75 Resp: 500512

Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 42.751 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077549.D

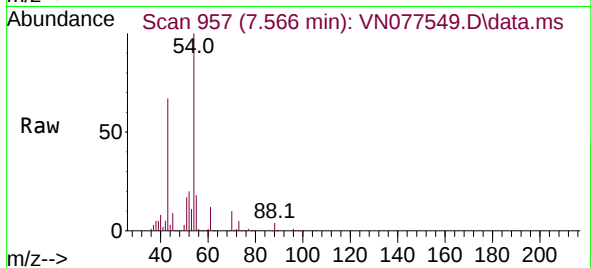
Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



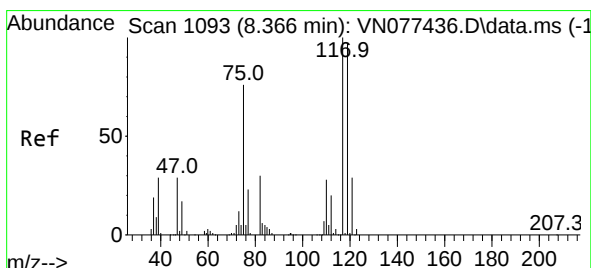
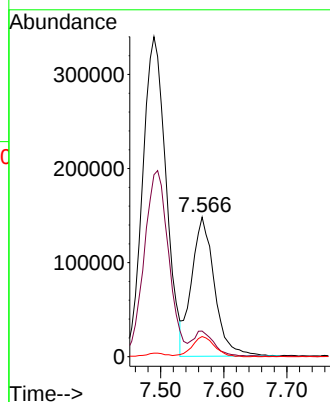
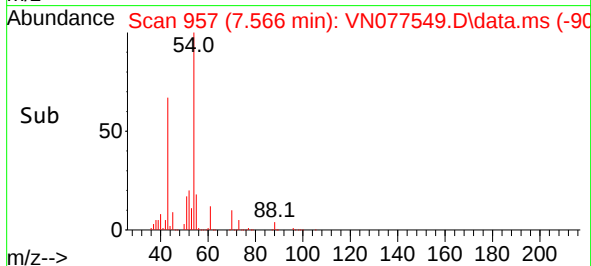
Tgt Ion:	43	Resp:	37286
Ion	Ratio	Lower	Upper
43	100		
61	16.4	13.2	19.8
70	14.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#38

Carbon Tetrachloride

Concen: 45.268 ug/l

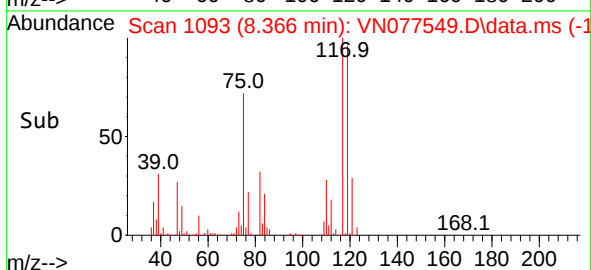
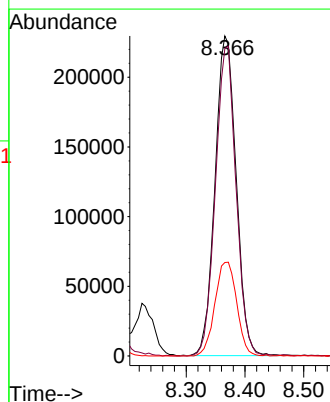
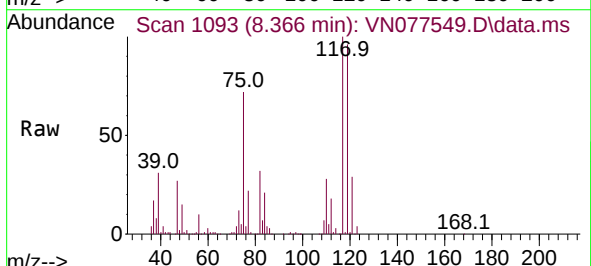
RT: 8.366 min Scan# 1093

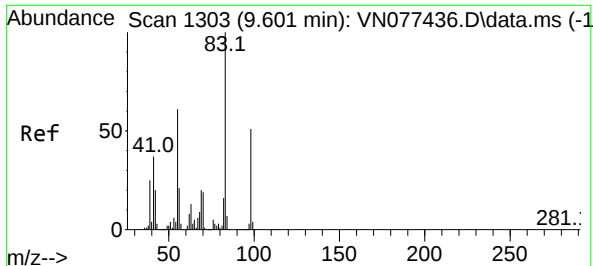
Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Tgt Ion:	117	Resp:	573272
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	29.3	23.3	34.9





#39

Methylcyclohexane

Concen: 43.465 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077549.D

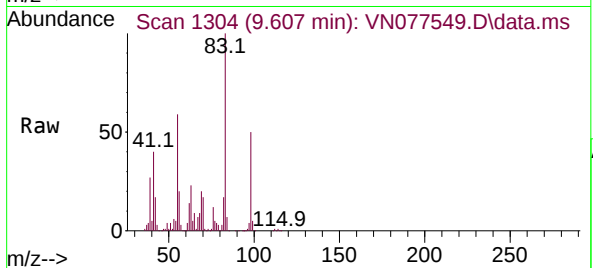
Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 65728

Ion Ratio Lower Upper

83 100

55 59.5 49.1 73.7

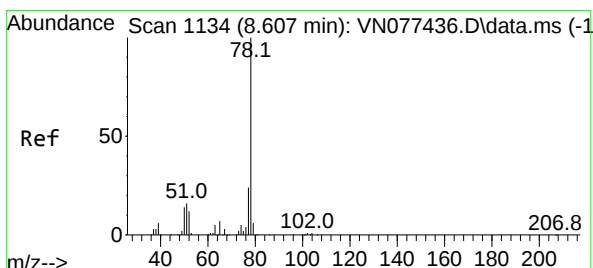
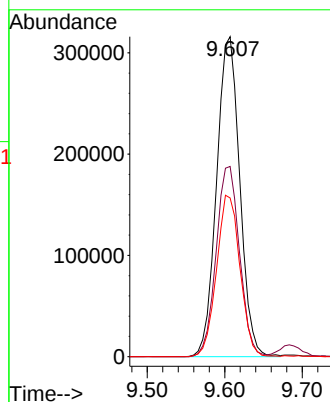
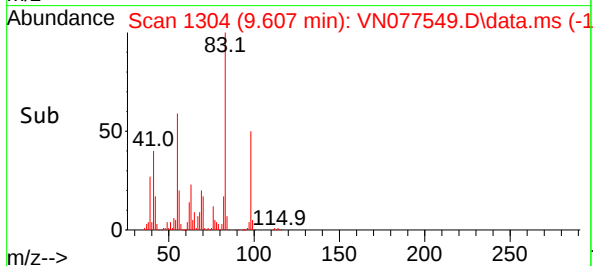
98 49.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 44.507 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077549.D

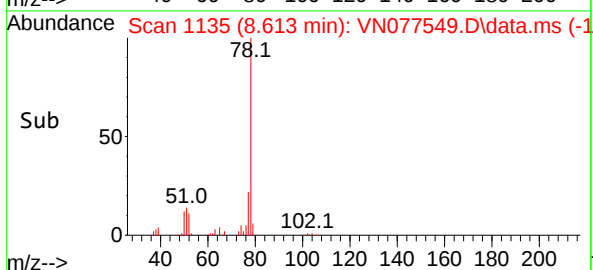
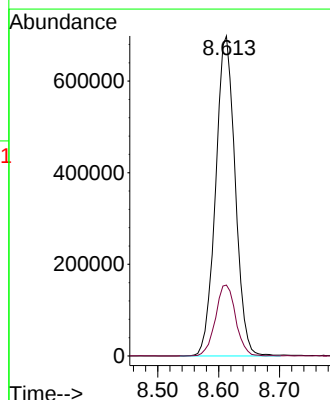
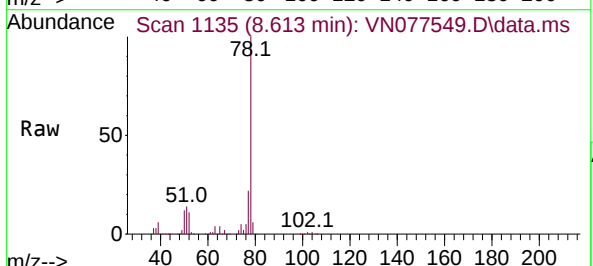
Acq: 01 May 2023 18:01

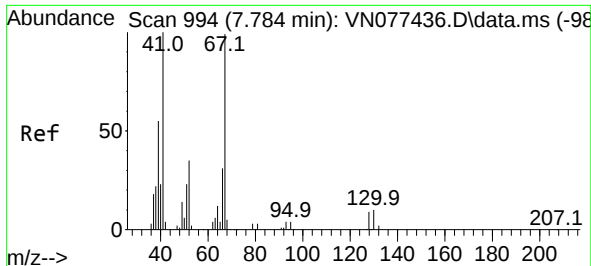
Tgt Ion: 78 Resp: 1556220

Ion Ratio Lower Upper

78 100

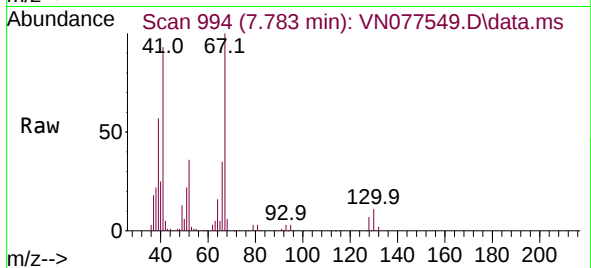
77 22.1 19.0 28.6





#41
Methacrylonitrile
Concen: 42.661 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

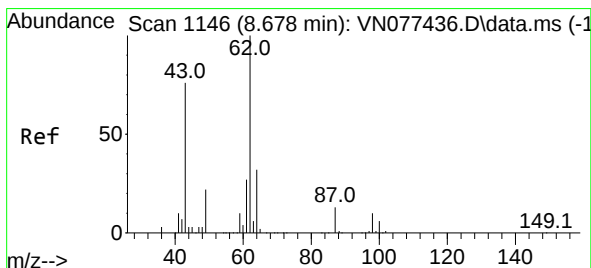
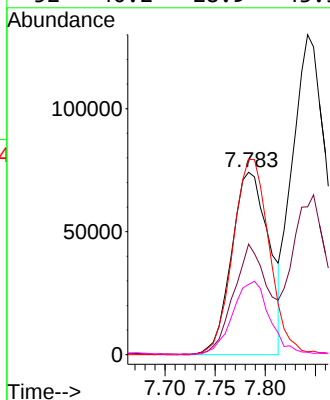
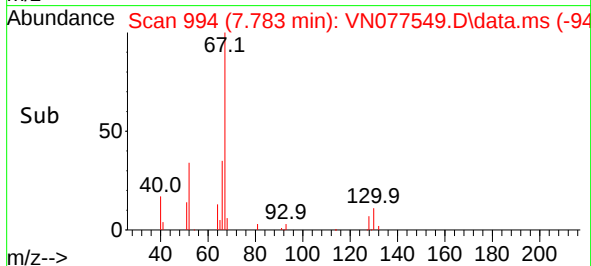
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



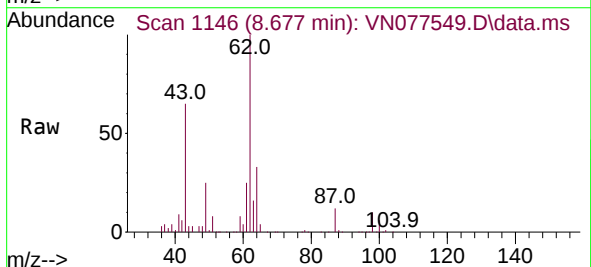
Tgt Ion: 41 Resp: 193792
Ion Ratio Lower Upper
41 100
39 56.3 42.6 64.0
67 104.1 77.5 116.3
52 40.2 28.9 43.3

Manual Integrations
APPROVED

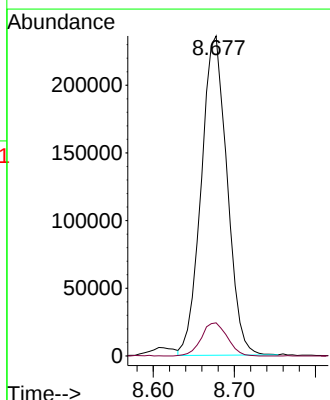
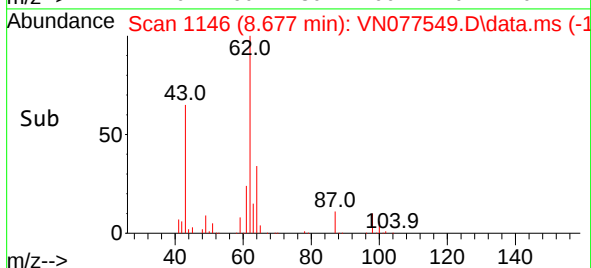
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

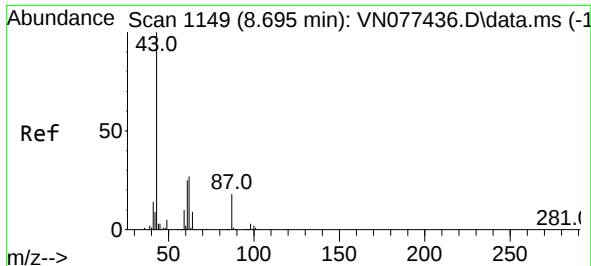


#42
1,2-Dichloroethane
Concen: 43.473 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



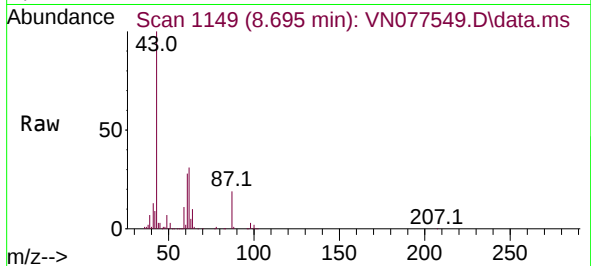
Tgt Ion: 62 Resp: 522098
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 42.498 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

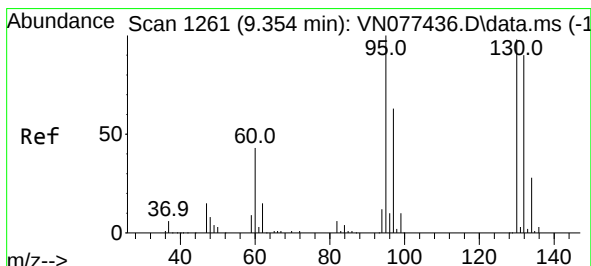
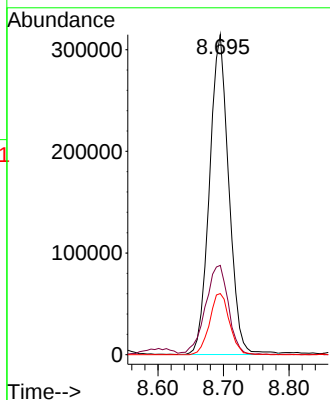
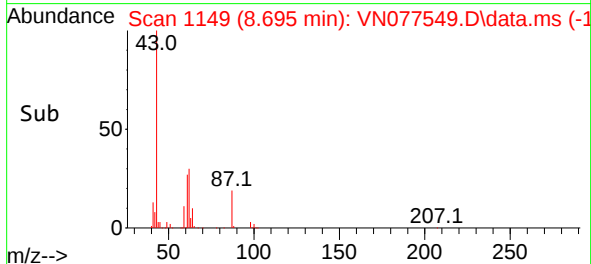
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 641240
Ion Ratio Lower Upper
43 100
61 33.5 24.7 37.1
87 19.8 14.6 21.8

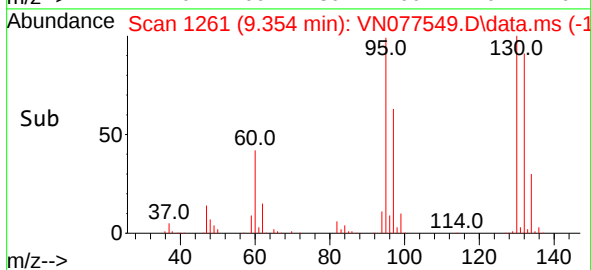
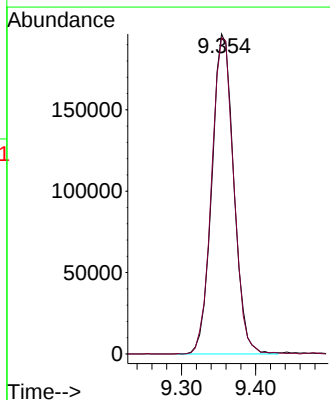
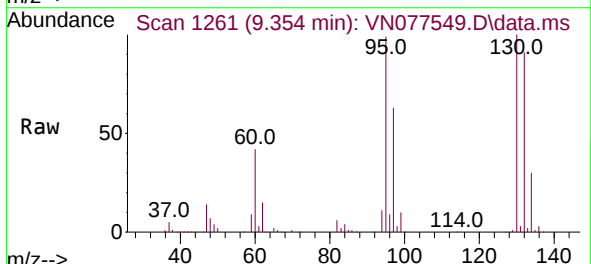
Manual Integrations
APPROVED

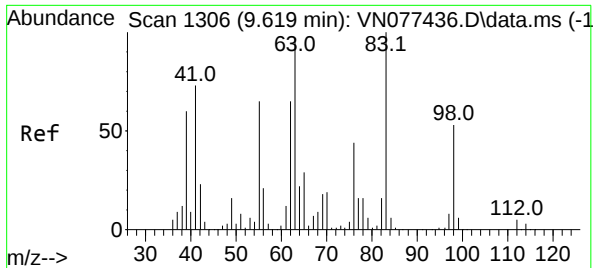
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#44
Trichloroethene
Concen: 44.963 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Tgt Ion:130 Resp: 402545
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 43.754 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 358378

Ion Ratio Lower Upper

63 100

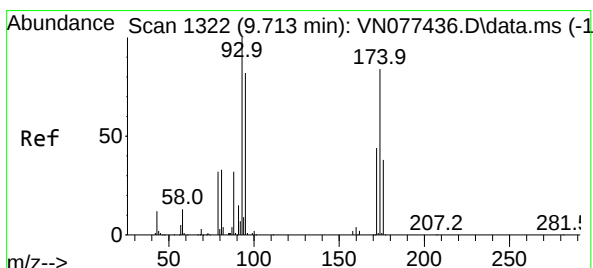
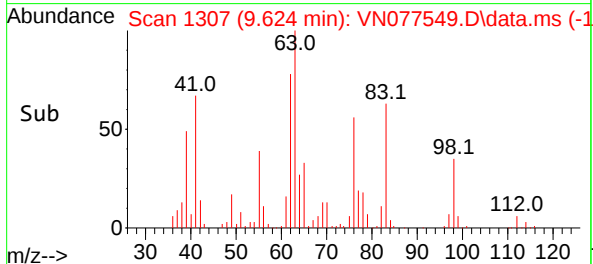
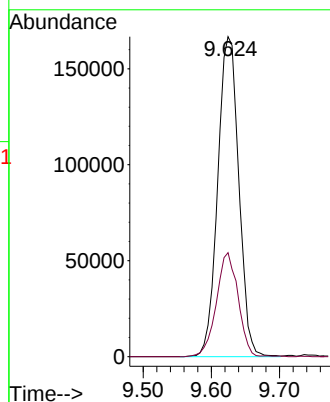
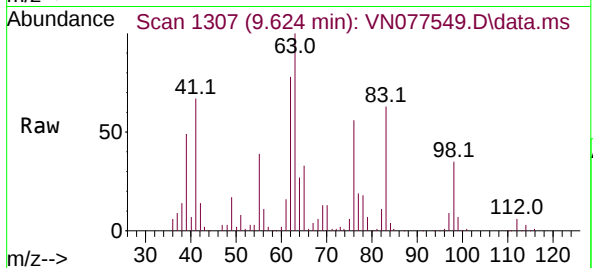
65 32.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 44.303 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

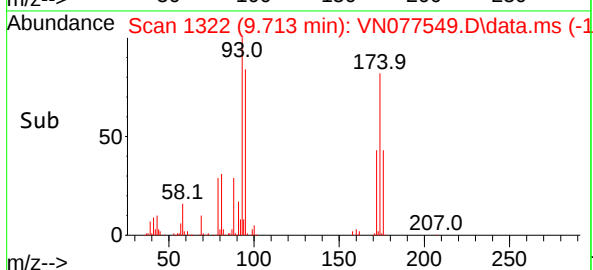
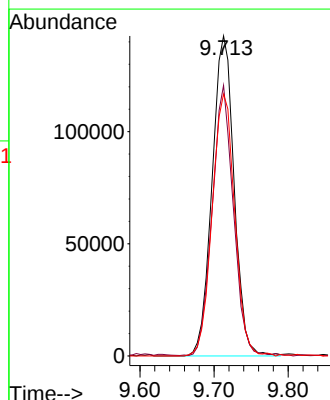
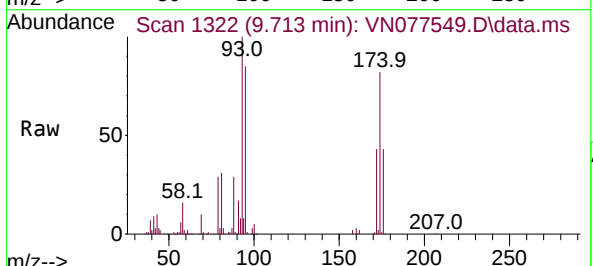
Tgt Ion: 93 Resp: 294441

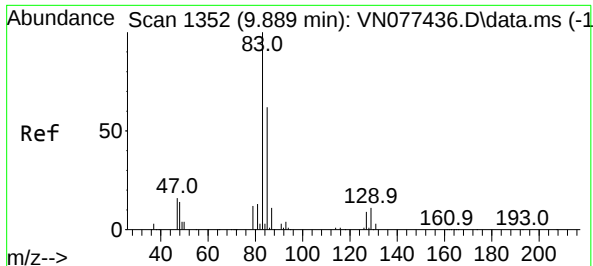
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

174 83.7 65.6 98.4





#47

Bromodichloromethane

Concen: 46.013 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 59152

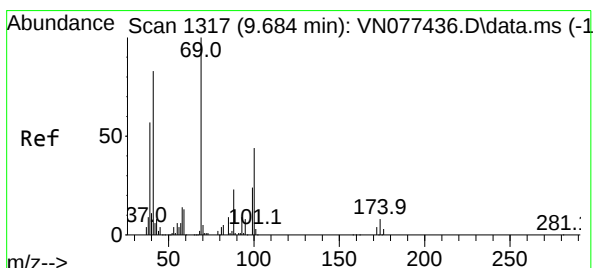
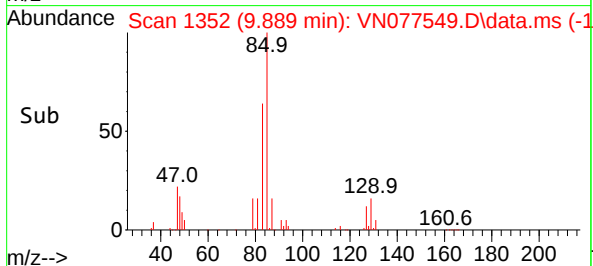
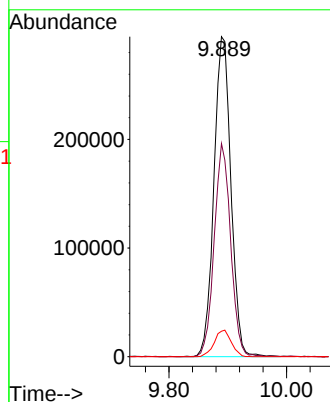
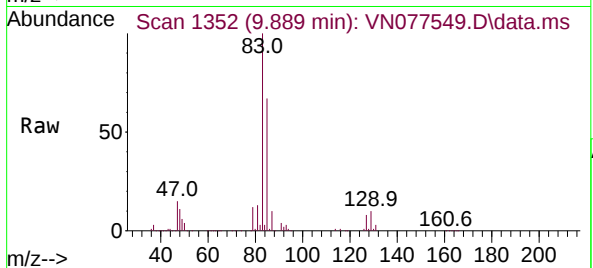
Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.6	74.4
127	8.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#48

Methyl methacrylate

Concen: 40.918 ug/l

RT: 9.683 min Scan# 1317

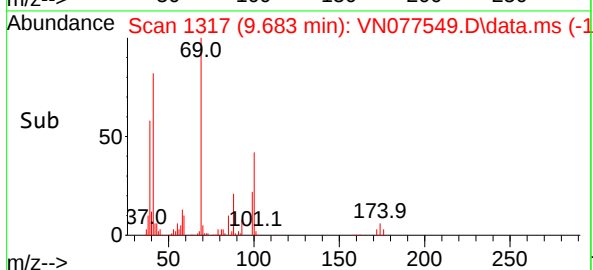
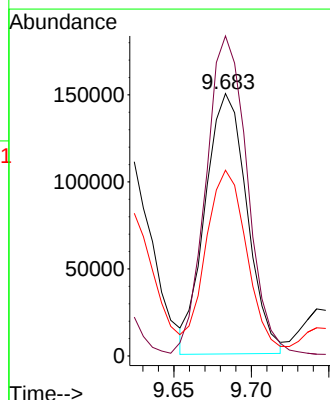
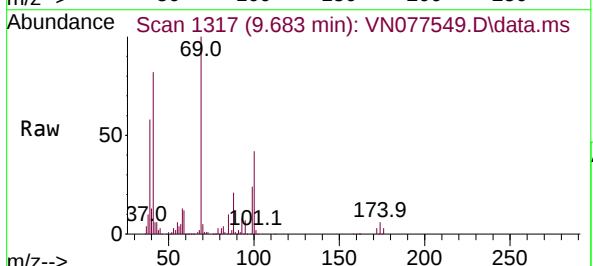
Delta R.T. -0.000 min

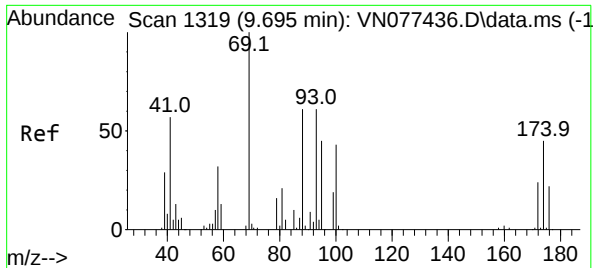
Lab File: VN077549.D

Acq: 01 May 2023 18:01

Tgt Ion: 41 Resp: 281040

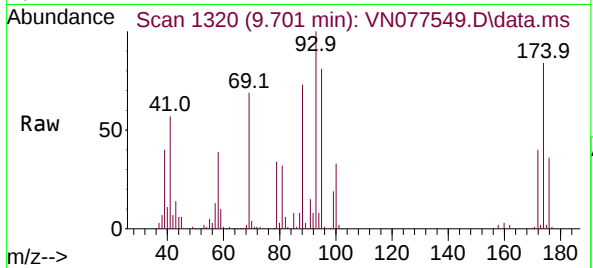
Ion	Ratio	Lower	Upper
41	100		
69	121.2	90.4	135.6
39	71.5	54.6	81.8





#49
1,4-Dioxane
Concen: 916.100 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

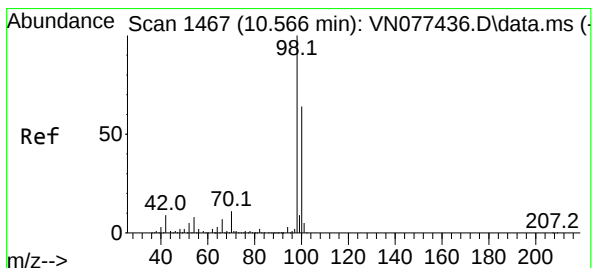
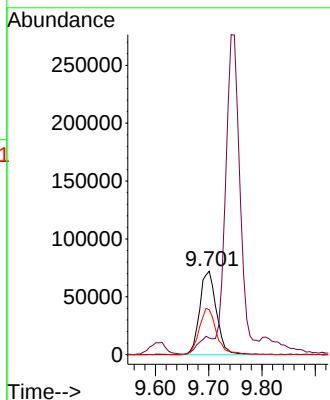
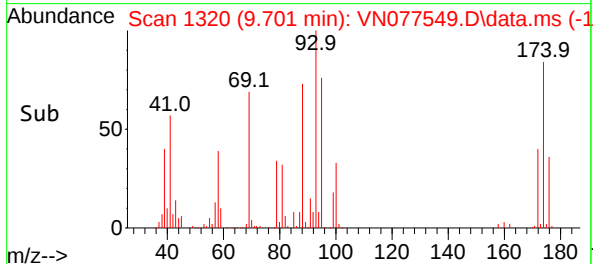
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 157820
Ion Ratio Lower Upper
88 100
43 18.2 17.0 25.6
58 57.3 47.0 70.4

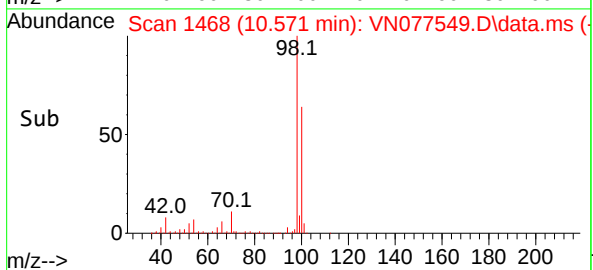
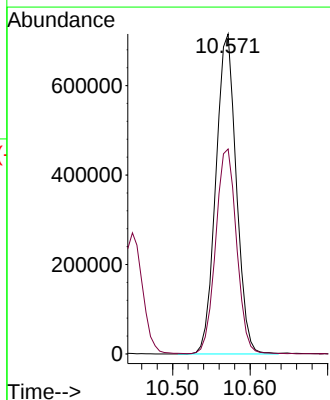
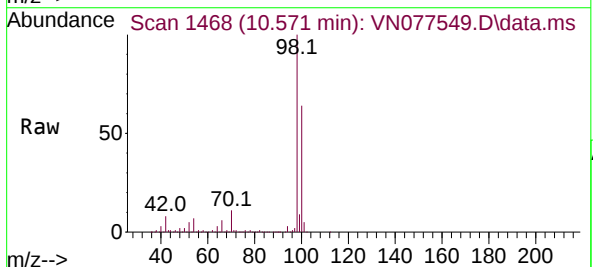
Manual Integrations
APPROVED

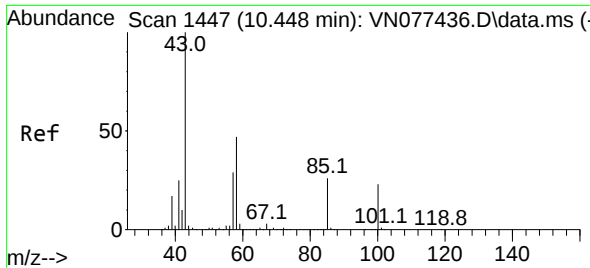
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#50
Toluene-d8
Concen: 43.071 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

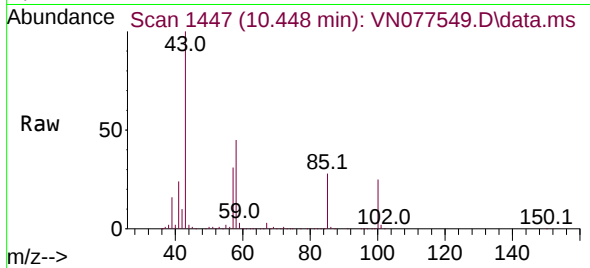
Tgt Ion: 98 Resp: 1311467
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 218.448 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

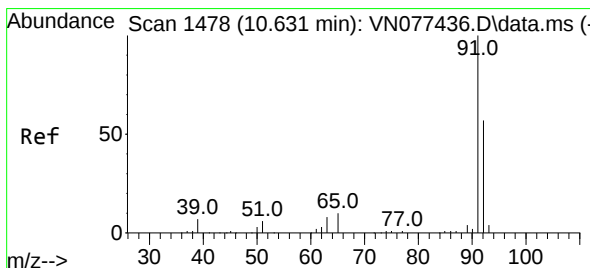
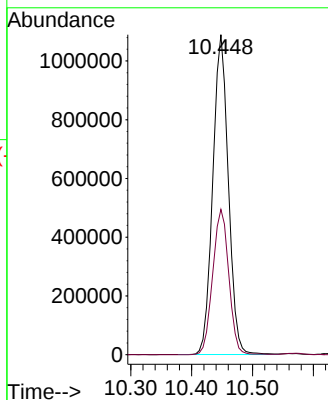
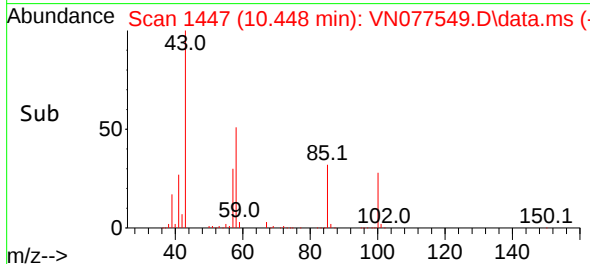
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



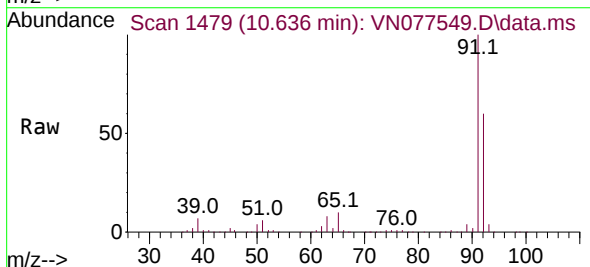
Tgt Ion: 43 Resp: 1933328
Ion Ratio Lower Upper
43 100
58 47.0 36.6 54.8

Manual Integrations
APPROVED

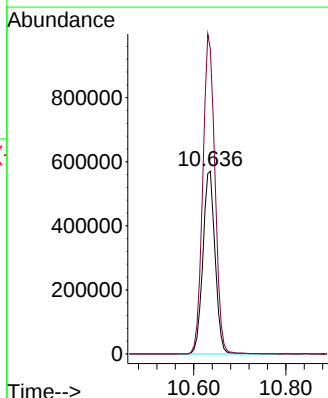
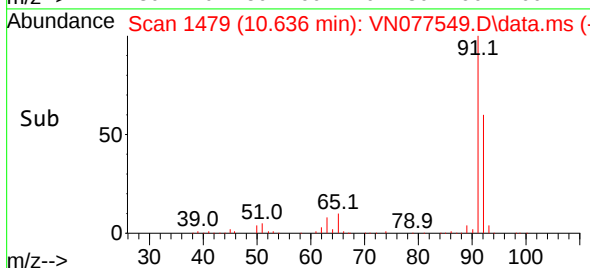
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

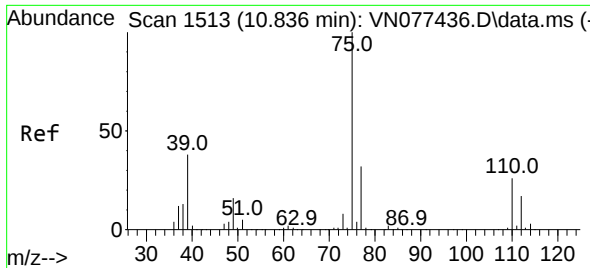


#52
Toluene
Concen: 46.080 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



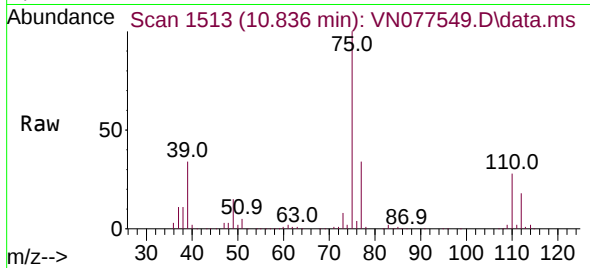
Tgt Ion: 92 Resp: 1055532
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 46.294 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

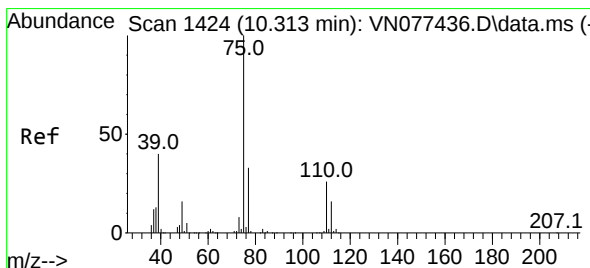
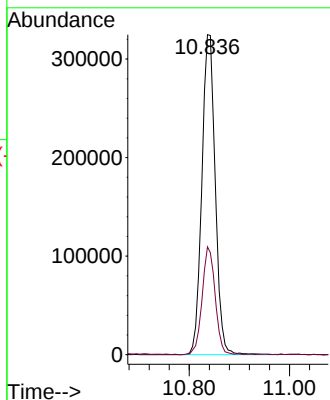
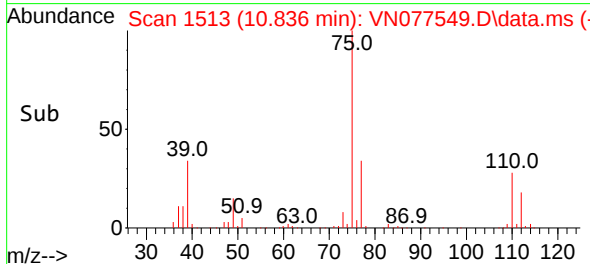
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



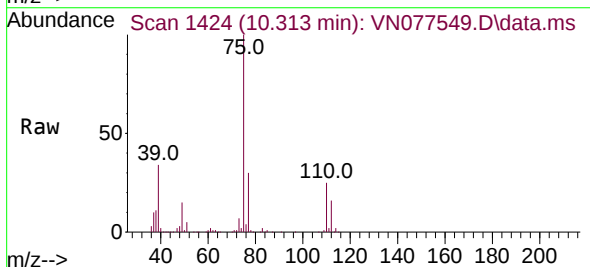
Tgt Ion: 75 Resp: 60262
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0

Manual Integrations
APPROVED

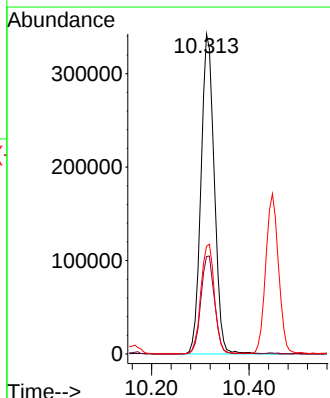
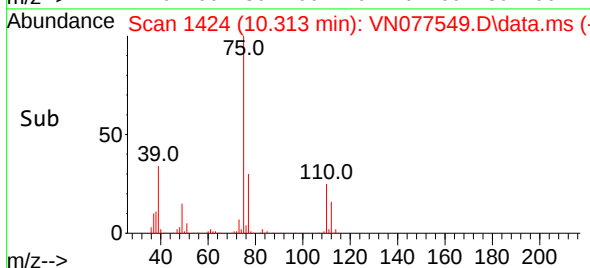
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

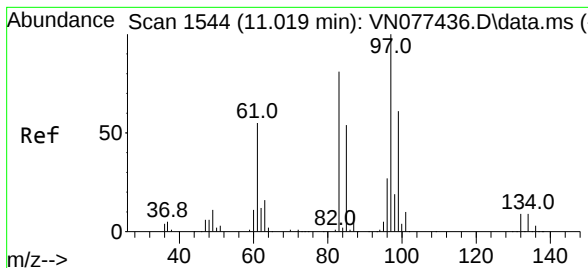


#54
cis-1,3-Dichloropropene
Concen: 45.823 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



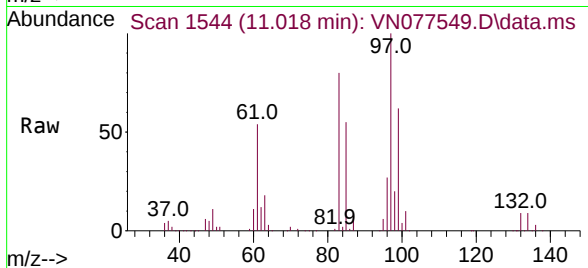
Tgt Ion: 75 Resp: 649273
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 33.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 45.957 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

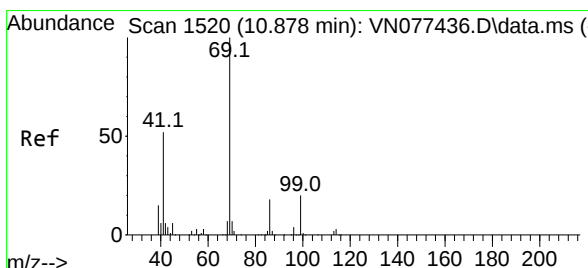
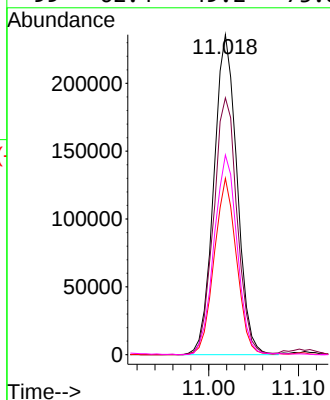
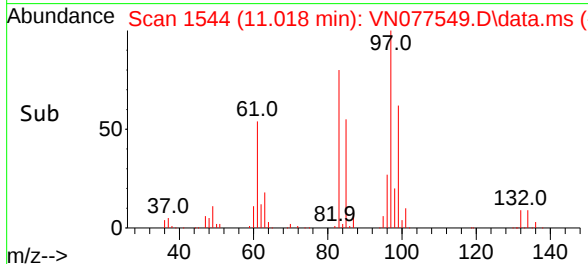
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 423324
Ion Ratio Lower Upper
97 100
83 80.2 65.1 97.7
85 55.1 43.4 65.2
99 62.4 49.2 73.8

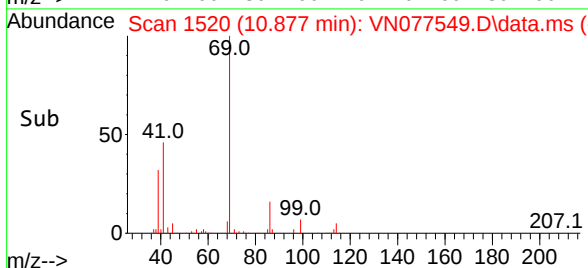
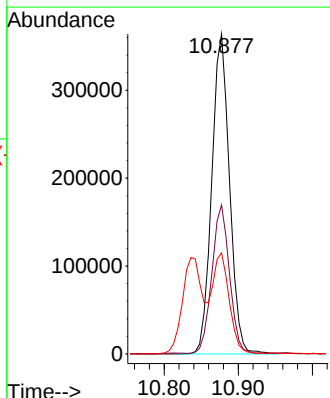
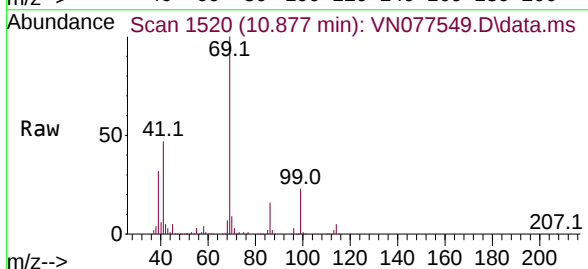
Manual Integrations
APPROVED

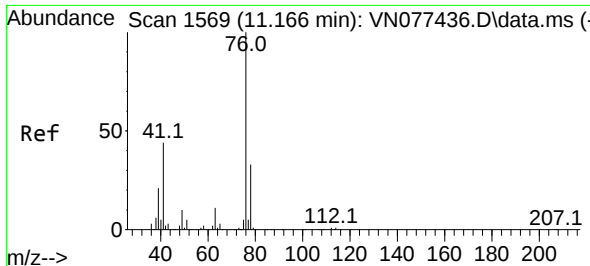
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#56
Ethyl methacrylate
Concen: 46.867 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

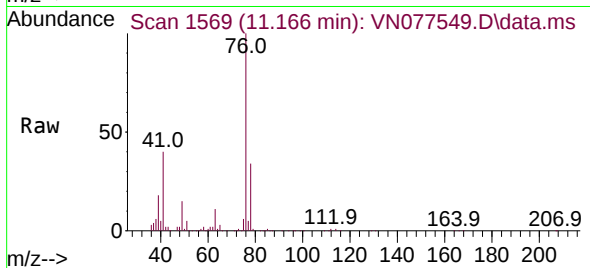
Tgt Ion: 69 Resp: 604914
Ion Ratio Lower Upper
69 100
41 45.8 39.6 59.4
39 28.3 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 47.215 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

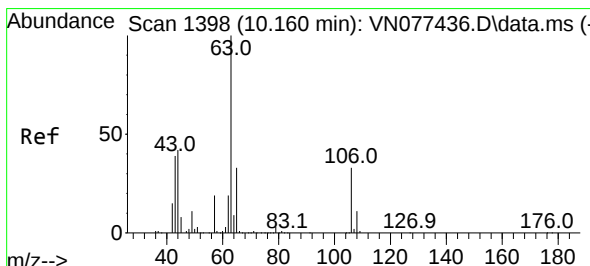
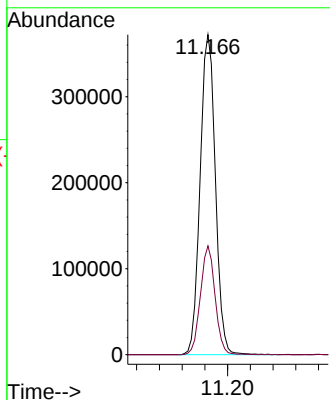
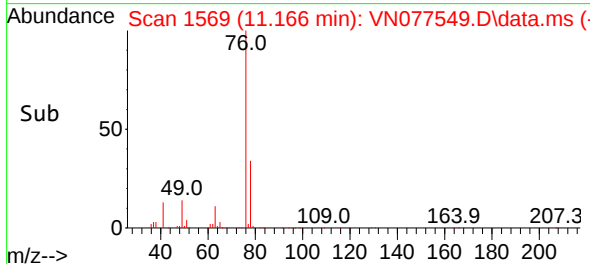
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 692754
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

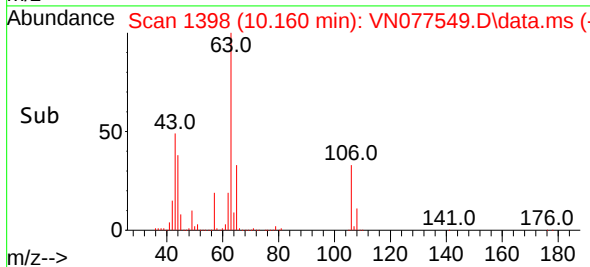
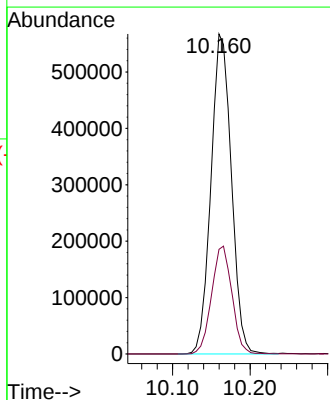
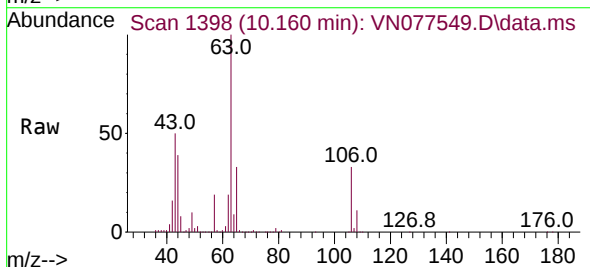
Manual Integrations
APPROVED

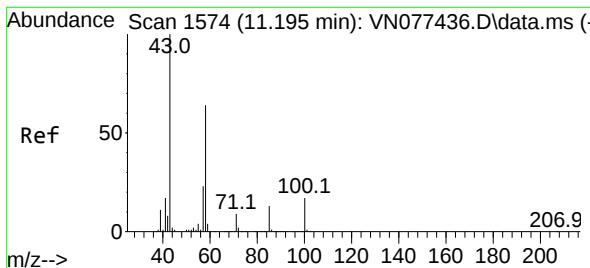
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 237.673 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

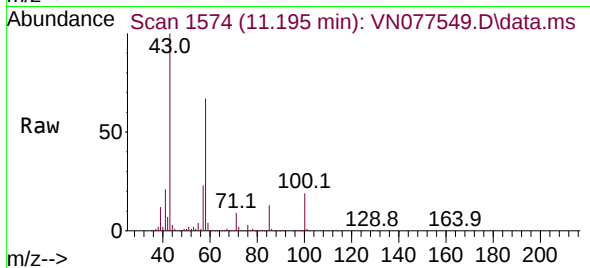
Tgt Ion: 63 Resp: 1037593
Ion Ratio Lower Upper
63 100
106 33.6 26.2 39.4





#59
2-Hexanone
Concen: 218.758 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

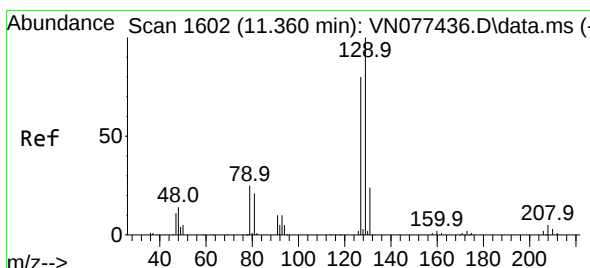
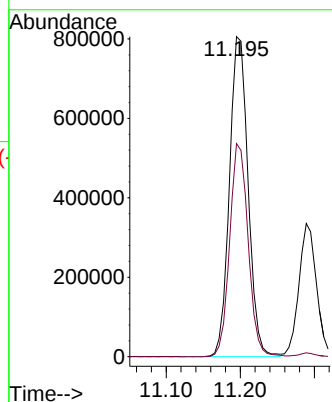
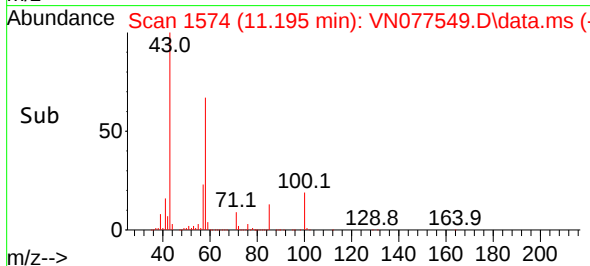
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1407309
Ion Ratio Lower Upper
43 100
58 65.9 31.7 95.1

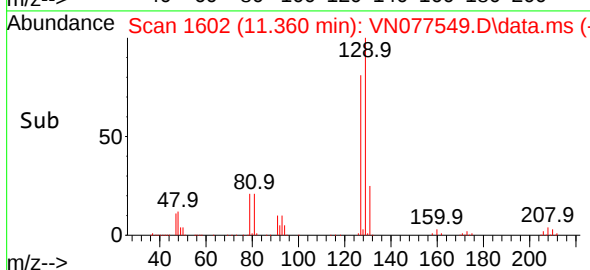
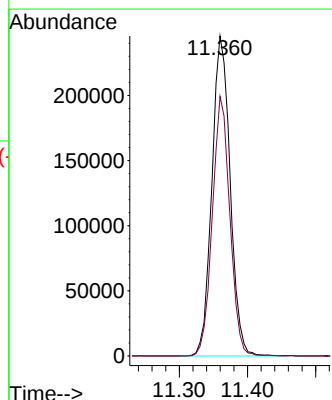
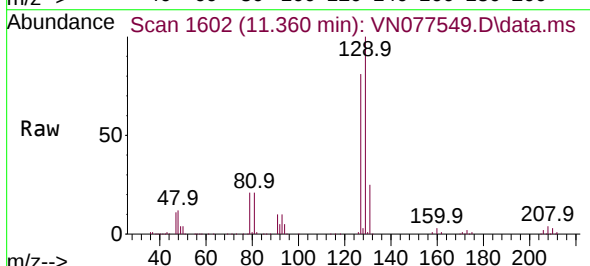
Manual Integrations
APPROVED

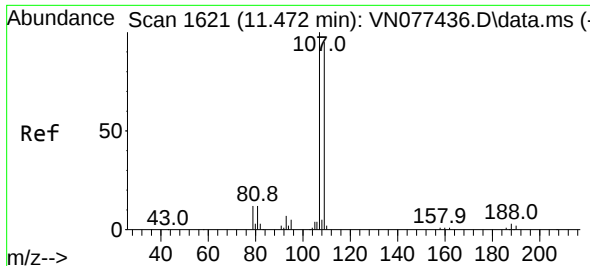
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 47.892 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

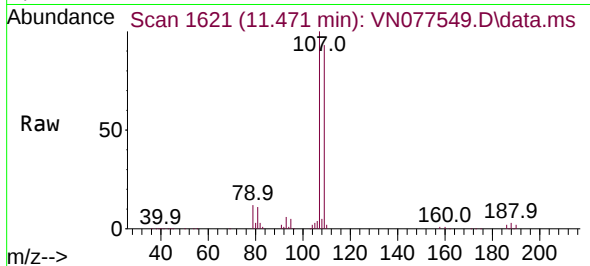
Tgt Ion:129 Resp: 457831
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.009 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

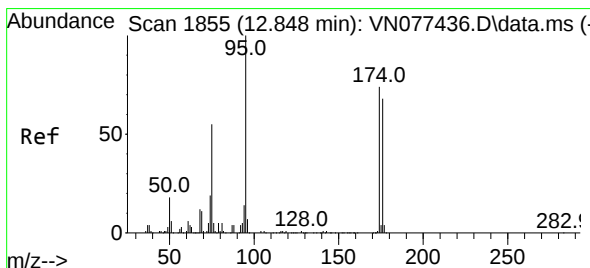
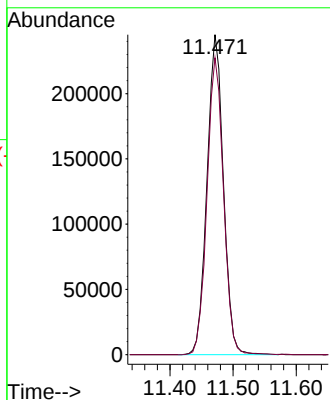
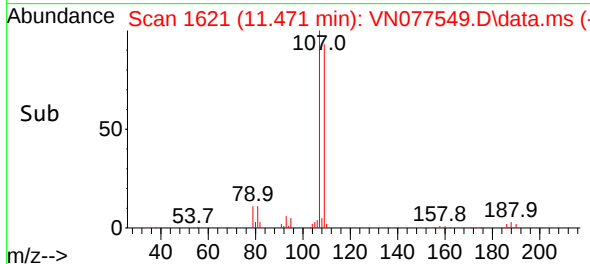
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 442083
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

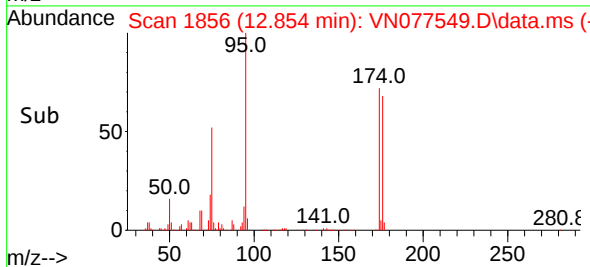
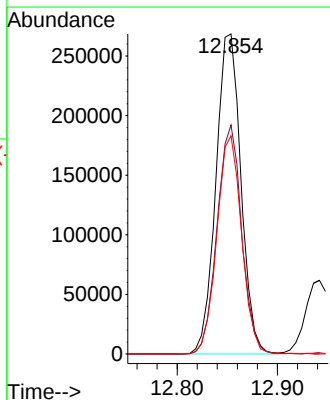
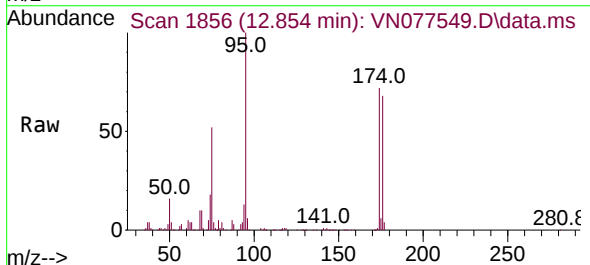
Manual Integrations
APPROVED

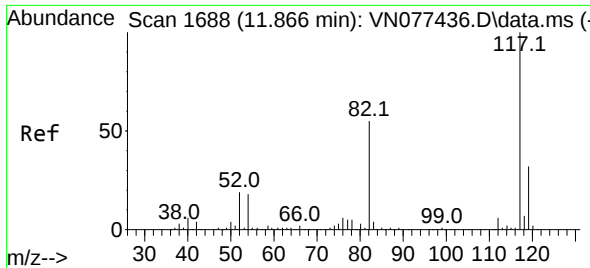
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#62
4-Bromofluorobenzene
Concen: 46.720 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

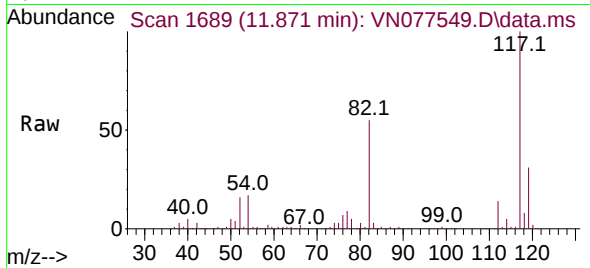
Tgt Ion: 95 Resp: 465431
Ion Ratio Lower Upper
95 100
174 70.4 0.0 143.8
176 67.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11871
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

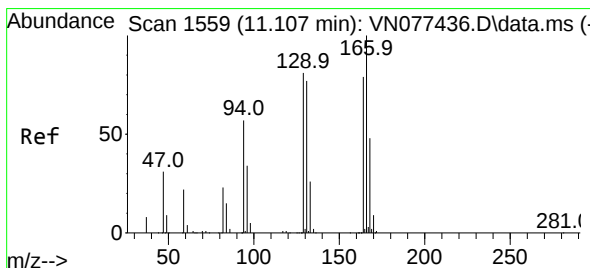
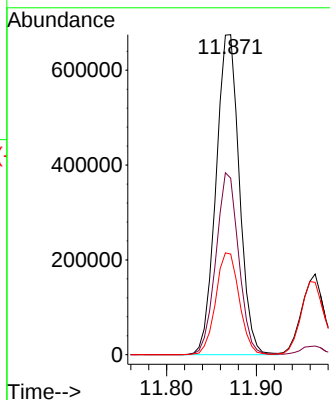
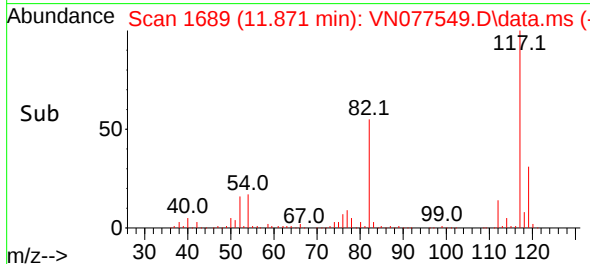
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



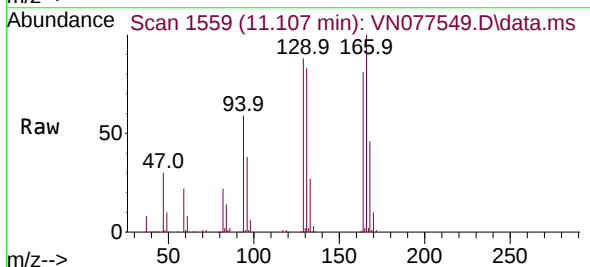
Tgt Ion:117 Resp: 1219890
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations
APPROVED

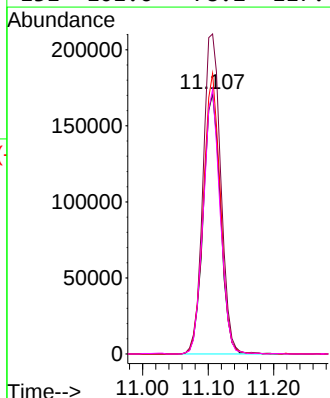
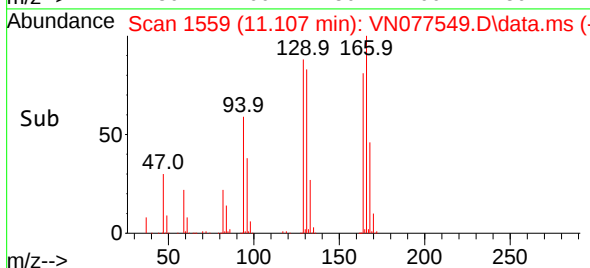
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

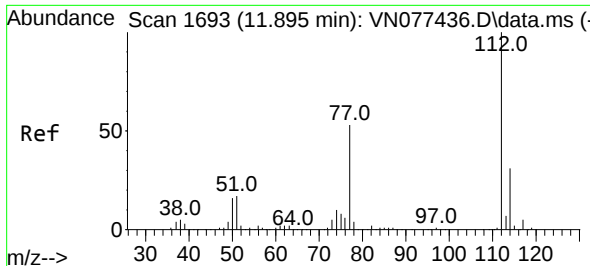


#64
Tetrachloroethene
Concen: 42.679 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



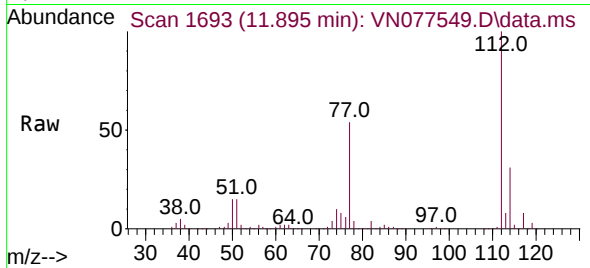
Tgt Ion:164 Resp: 311660
Ion Ratio Lower Upper
164 100
166 123.0 101.4 152.0
129 107.8 82.4 123.6
131 101.6 78.2 117.4





#65
Chlorobenzene
Concen: 44.048 ug/l
RT: 11.895 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

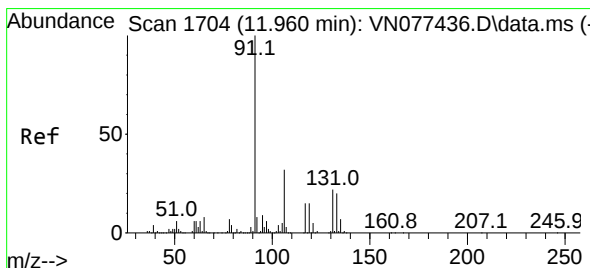
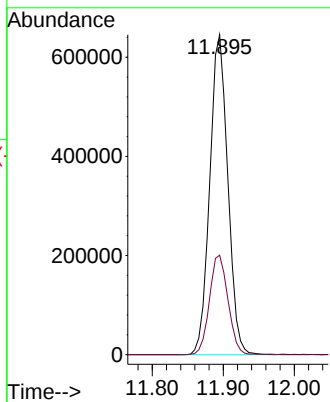
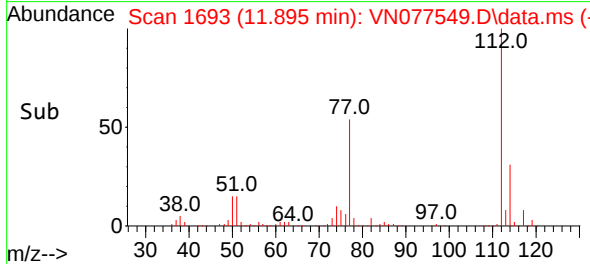
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



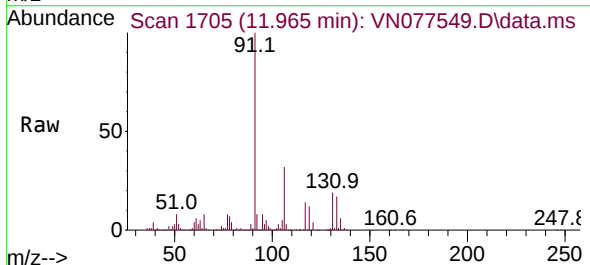
Tgt Ion:112 Resp: 113705
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

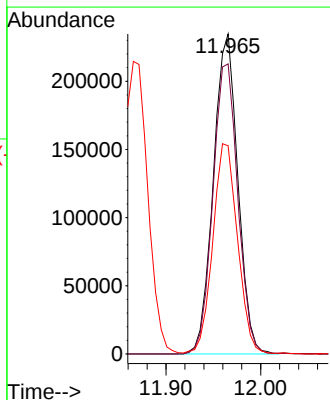
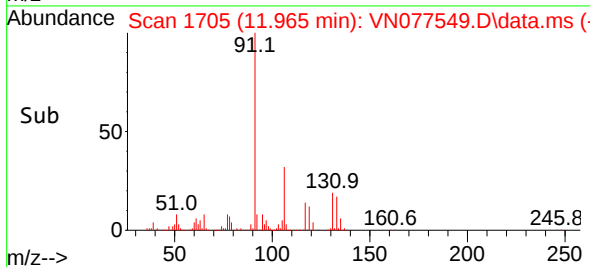
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

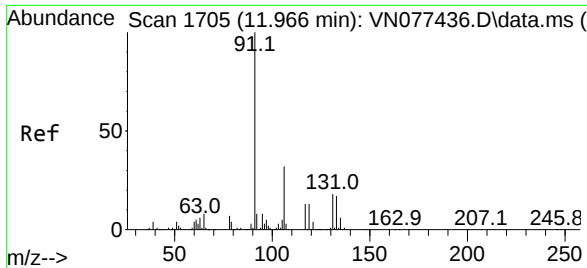


#66
1,1,1,2-Tetrachloroethane
Concen: 44.862 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



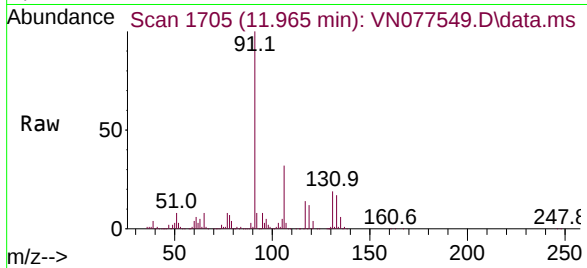
Tgt Ion:131 Resp: 421332
Ion Ratio Lower Upper
131 100
133 92.5 46.4 139.1
119 65.9 34.1 102.2





#67
Ethyl Benzene
Concen: 45.452 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

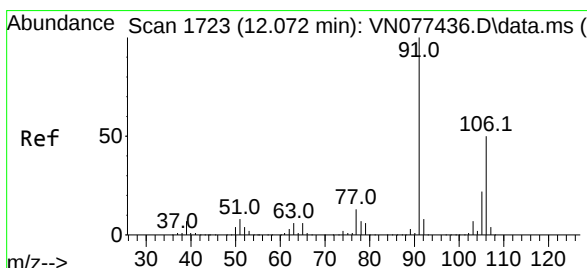
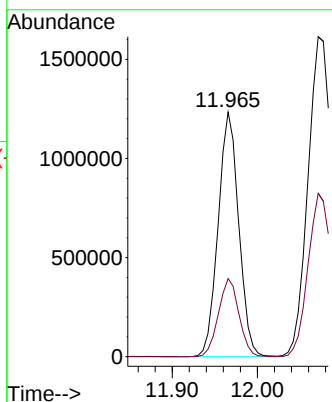
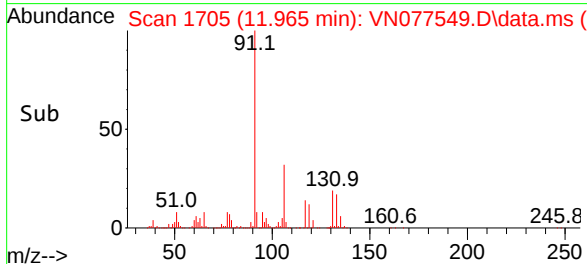
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



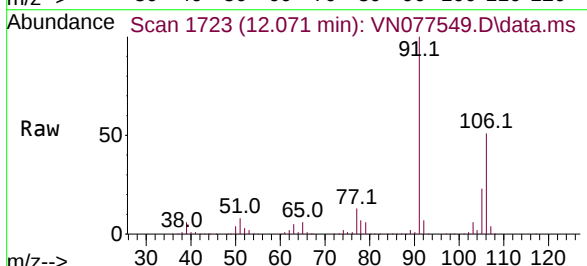
Tgt Ion: 91 Resp: 206545
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

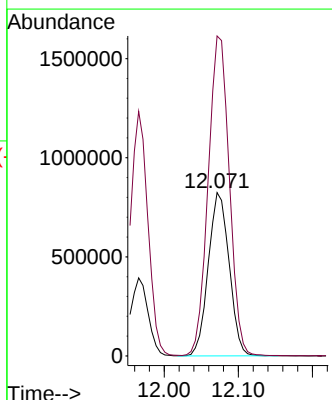
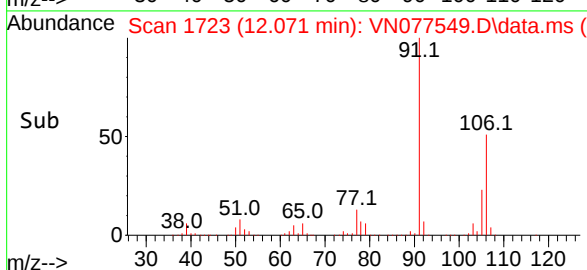
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

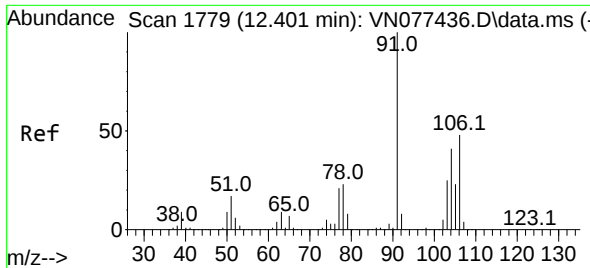


#68
m/p-Xylenes
Concen: 91.158 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



Tgt Ion:106 Resp: 1609984
Ion Ratio Lower Upper
106 100
91 198.7 159.6 239.4





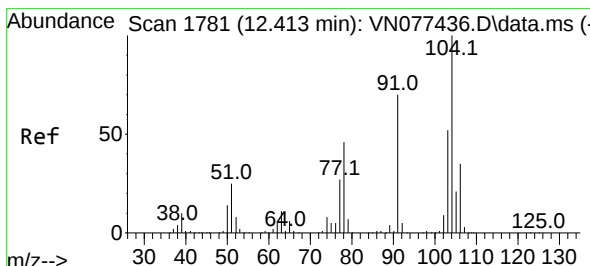
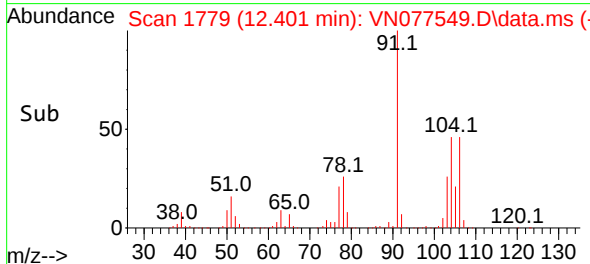
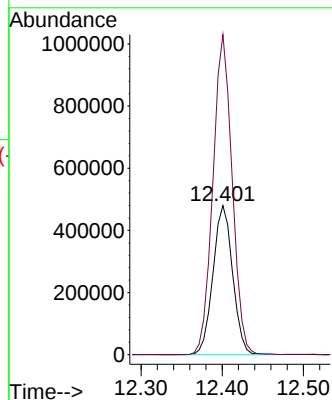
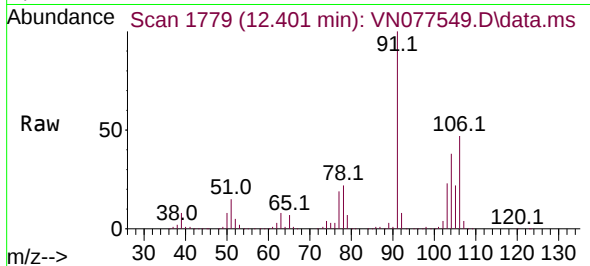
#69
o-Xylene
Concen: 46.393 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 805938
Ion Ratio Lower Upper
106 100
91 210.7 105.2 315.5

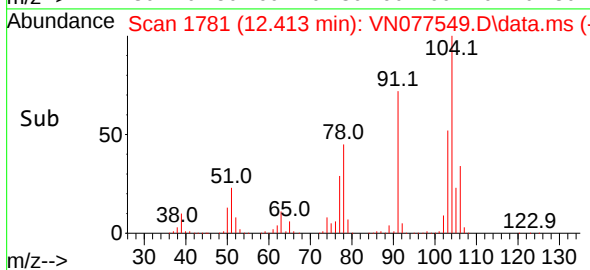
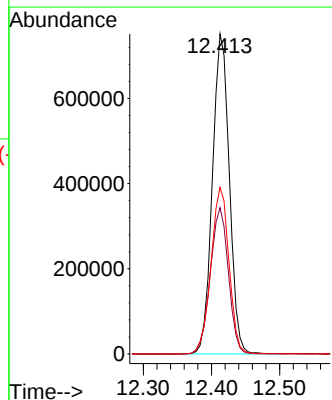
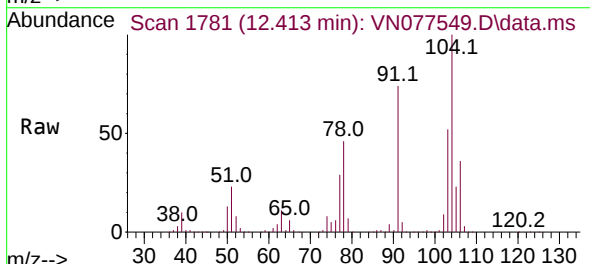
Manual Integrations
APPROVED

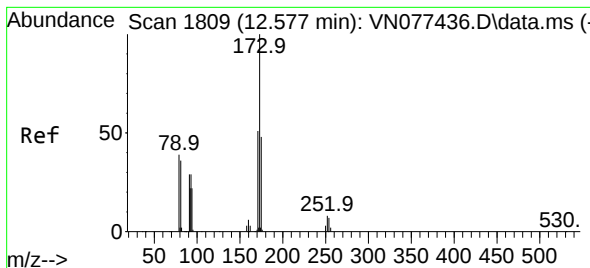
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 47.798 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Tgt Ion:104 Resp: 1298573
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 47.900 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

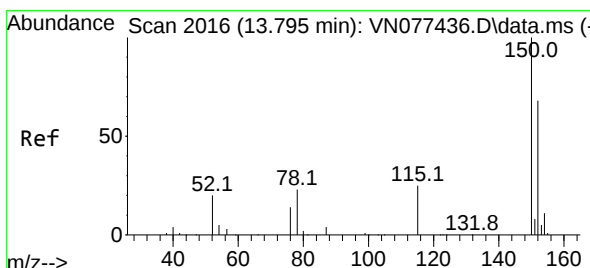
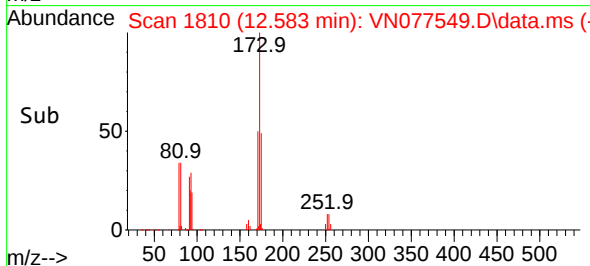
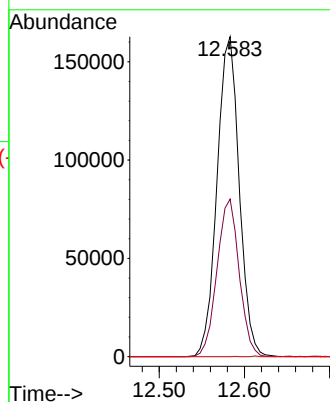
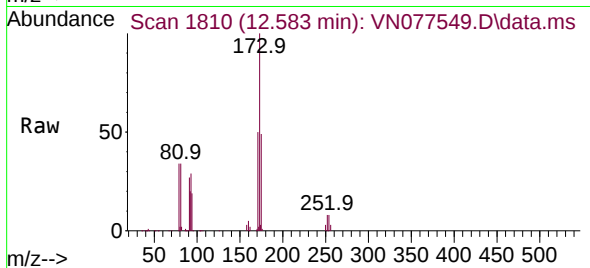
Tgt Ion:173 Resp: 294320
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

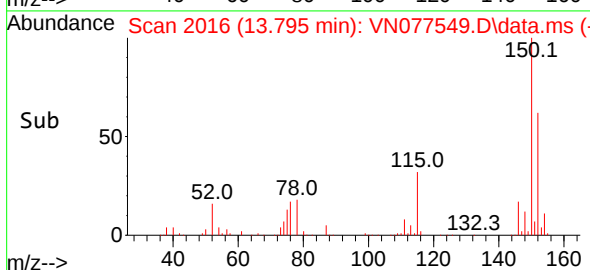
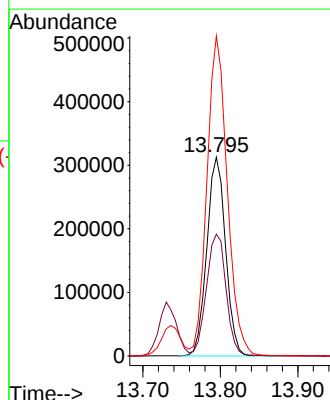
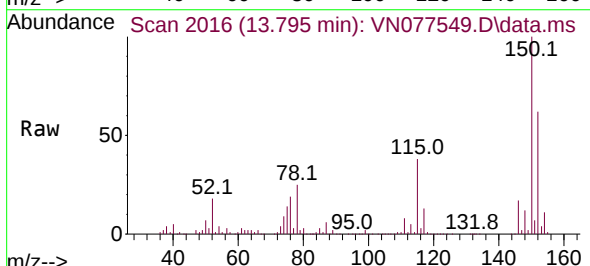
RT: 13.795 min Scan# 2016

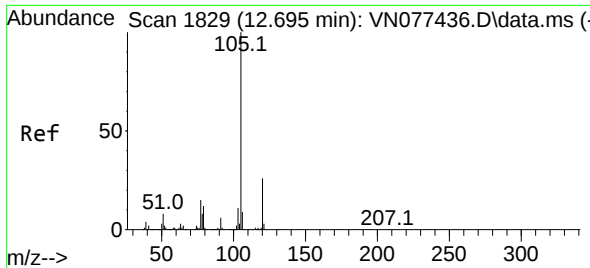
Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

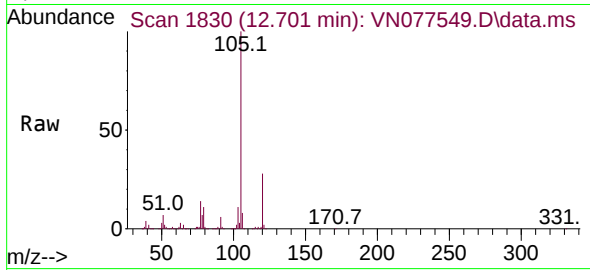
Tgt Ion:152 Resp: 526243
 Ion Ratio Lower Upper
 152 100
 115 63.6 32.3 96.8
 150 174.3 0.0 355.8





#73
Isopropylbenzene
Concen: 43.015 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

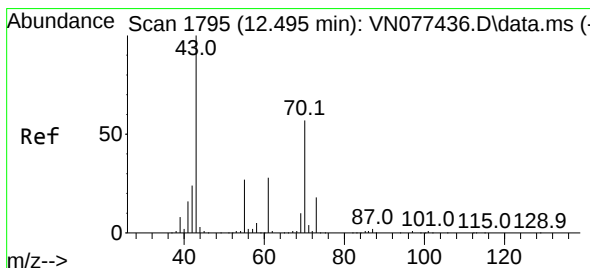
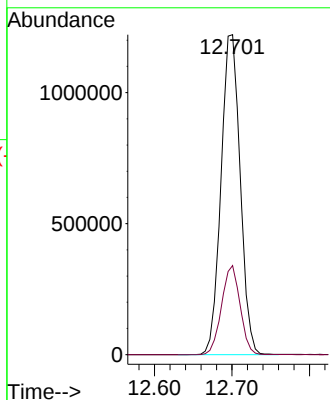
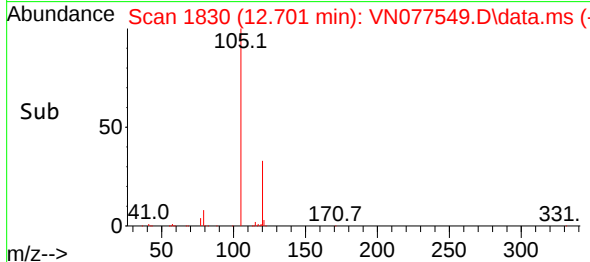
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



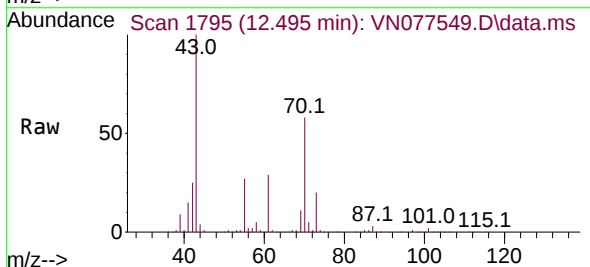
Tgt Ion:105 Resp: 210053
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
APPROVED

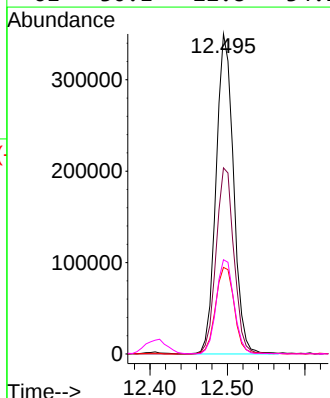
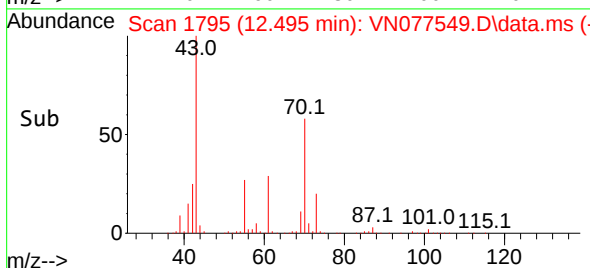
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

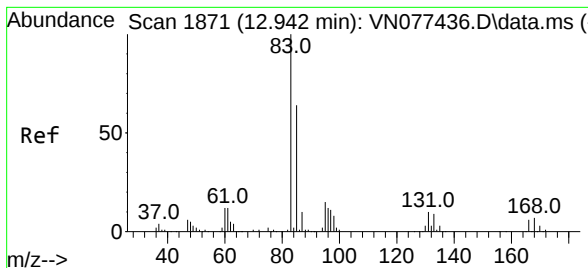


#74
N-ethyl acetate
Concen: 38.095 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



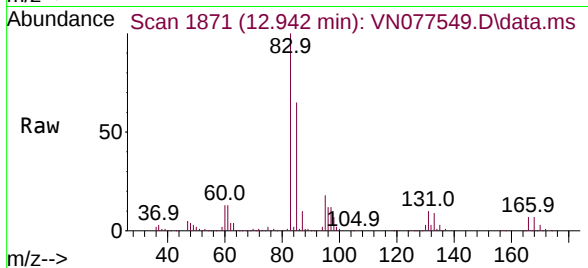
Tgt Ion: 43 Resp: 550753
Ion Ratio Lower Upper
43 100
70 59.4 43.4 65.2
55 29.0 21.4 32.0
61 30.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 40.728 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

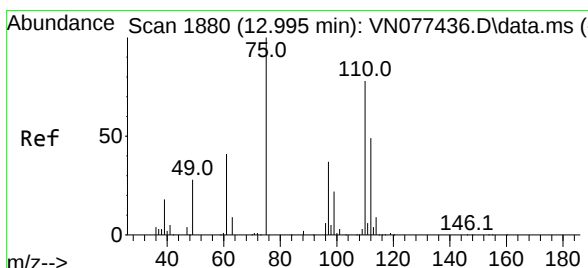
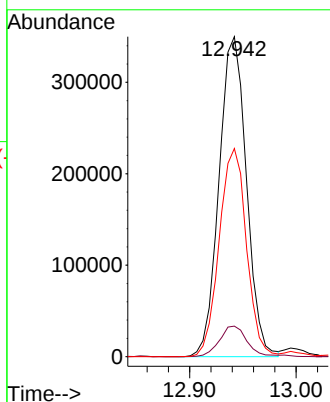
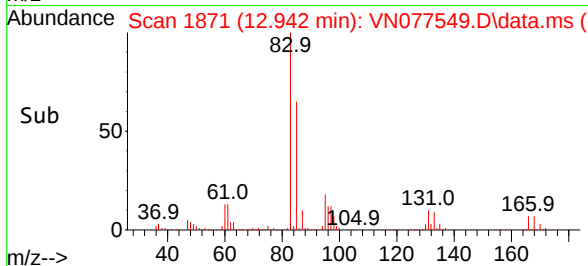
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



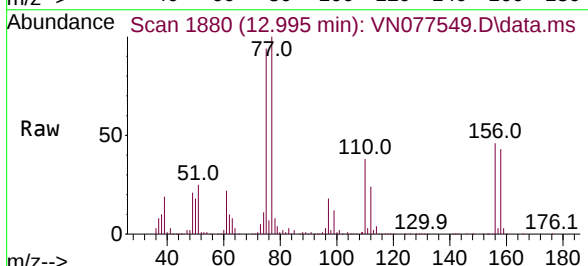
Tgt Ion: 83 Resp: 624910
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.7 31.9 95.7

Manual Integrations
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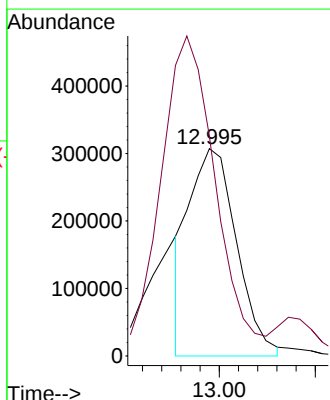
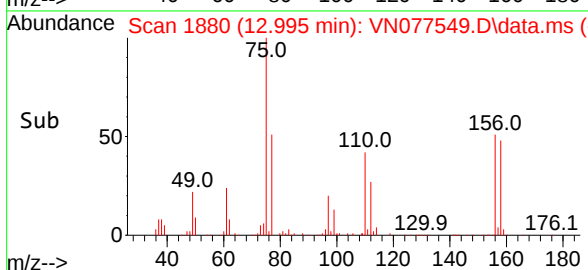
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

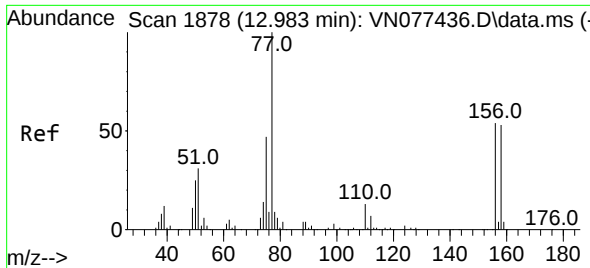


#76
1,2,3-Trichloropropane
Concen: 43.128 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



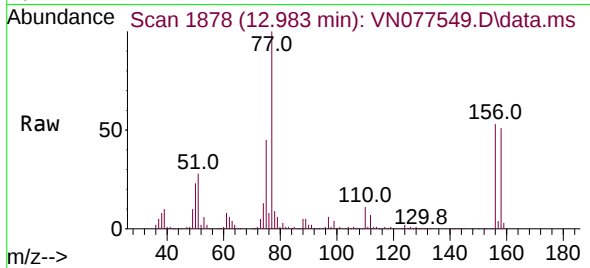
Tgt Ion: 75 Resp: 527772
Ion Ratio Lower Upper
75 100
77 179.4 84.5 253.5





#77
Bromobenzene
Concen: 41.637 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

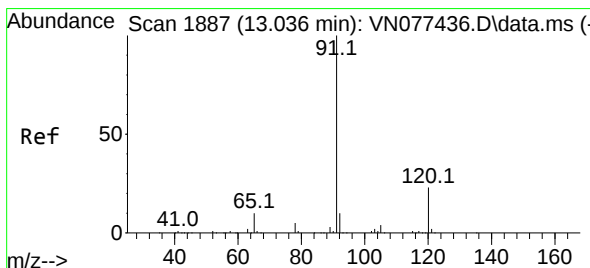
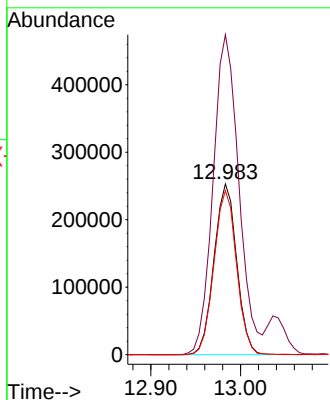
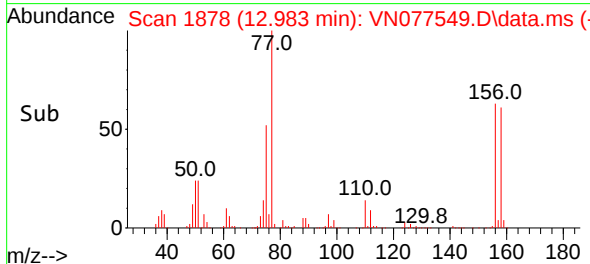
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 44313
Ion Ratio Lower Upper
156 100
77 213.7 107.7 323.3
158 95.8 48.4 145.3

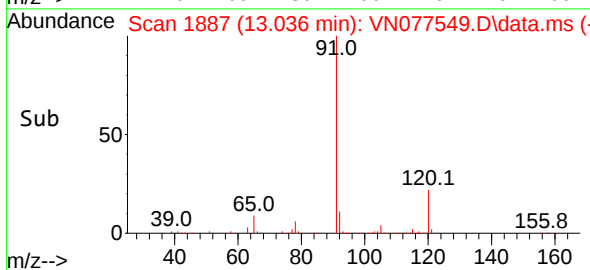
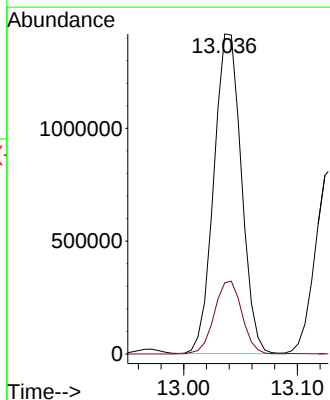
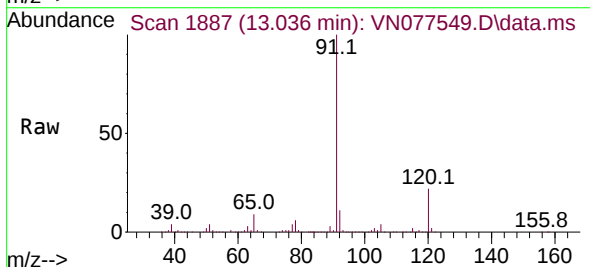
Manual Integrations
APPROVED

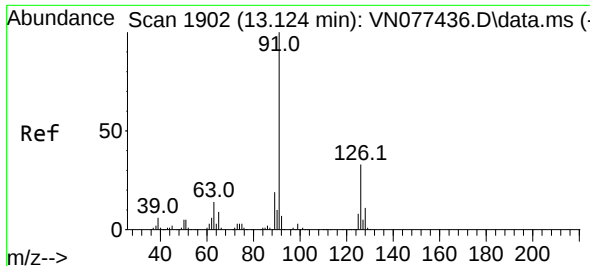
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#78
n-propylbenzene
Concen: 44.131 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

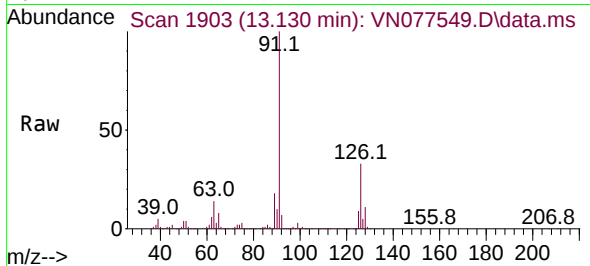
Tgt Ion: 91 Resp: 2382817
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 42.903 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

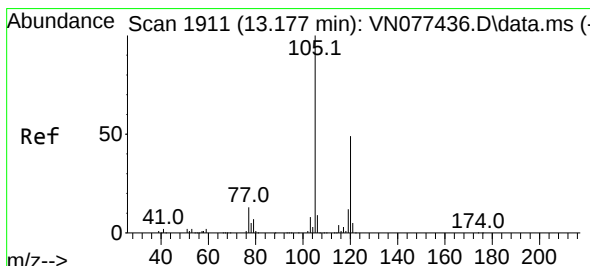
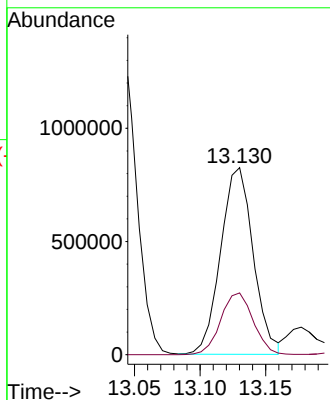
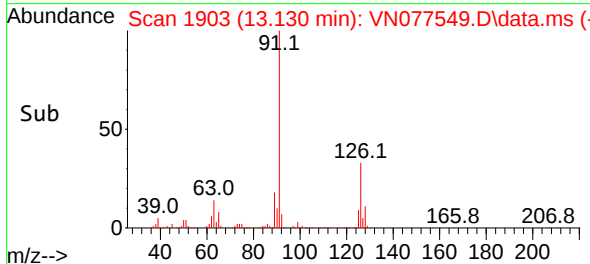
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



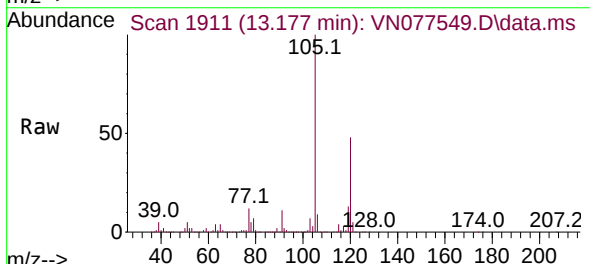
Tgt Ion: 91 Resp: 1428254
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

Manual Integrations
APPROVED

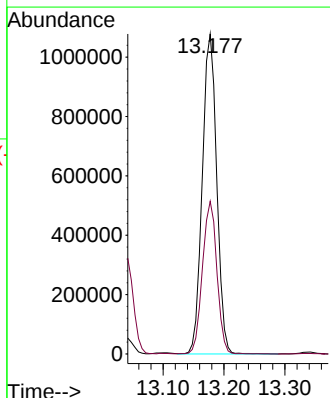
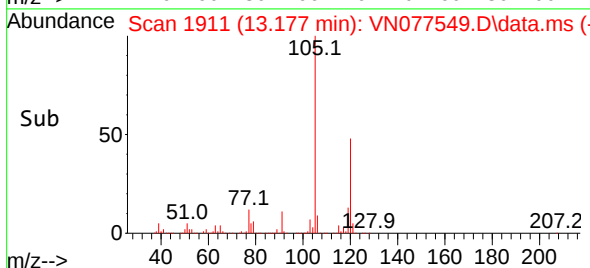
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

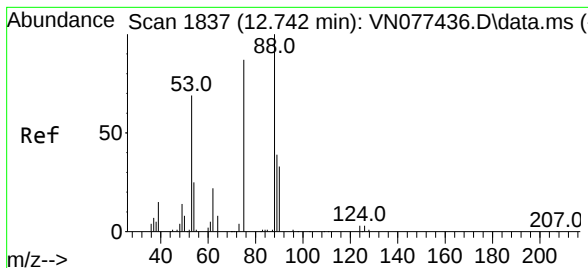


#80
1,3,5-Trimethylbenzene
Concen: 48.897 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



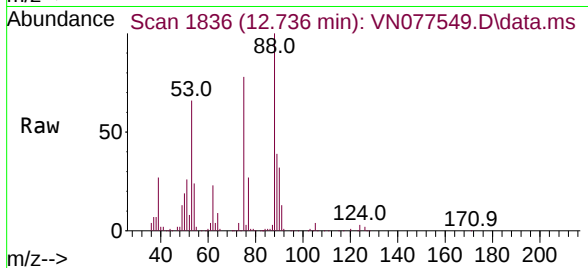
Tgt Ion:105 Resp: 1773240
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.275 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

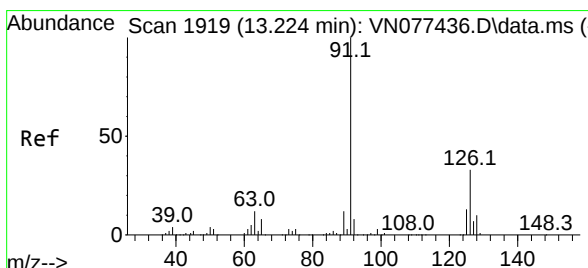
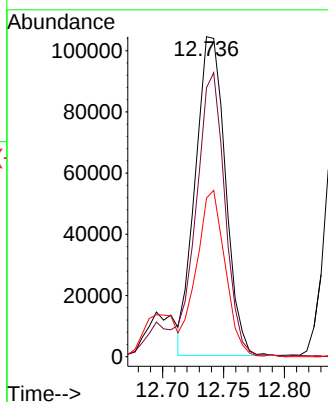
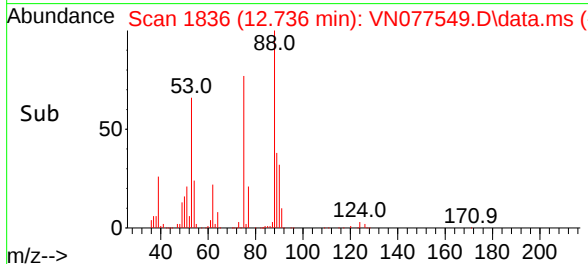
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 17878
Ion Ratio Lower Upper
75 100
53 86.2 67.4 101.2
89 49.7 38.8 58.2

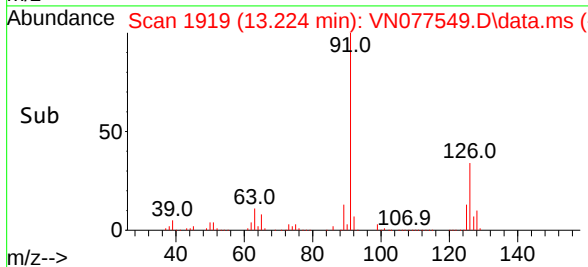
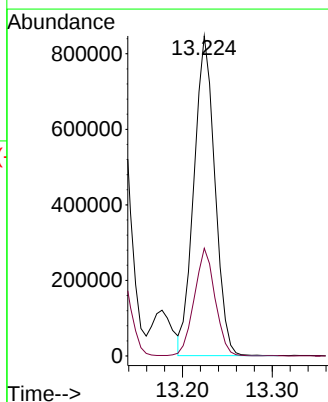
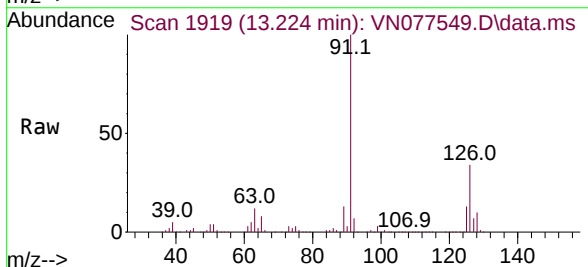
Manual Integrations
APPROVED

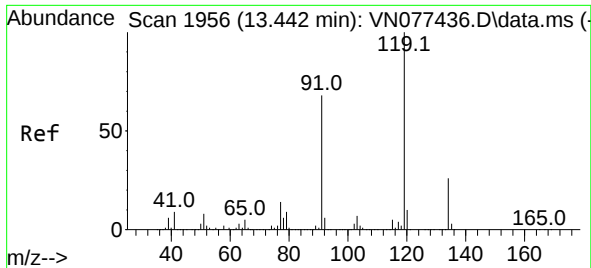
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 43.925 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Tgt Ion: 91 Resp: 1366413
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





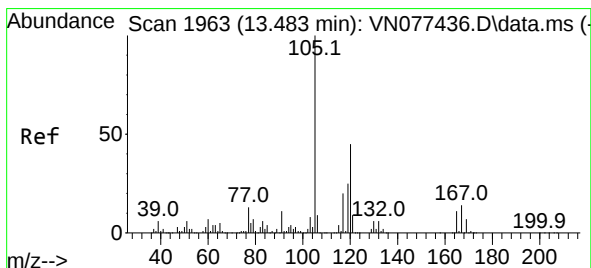
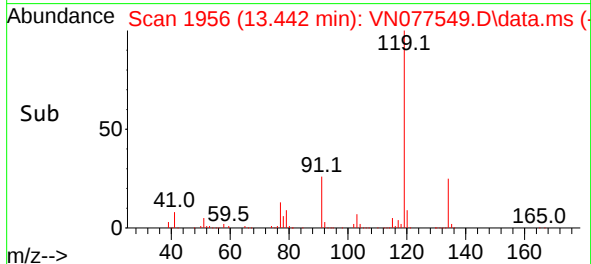
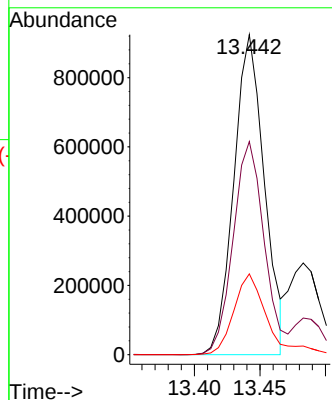
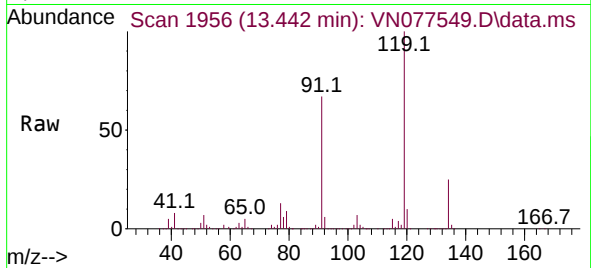
#83
tert-Butylbenzene
Concen: 42.535 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 149798
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 27.5 13.2 39.6

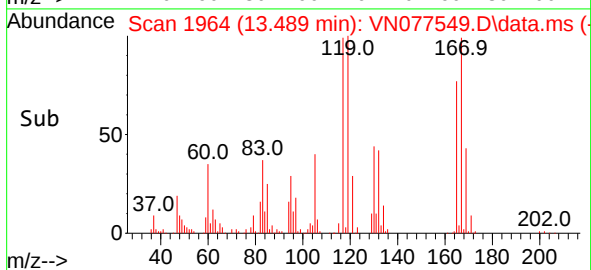
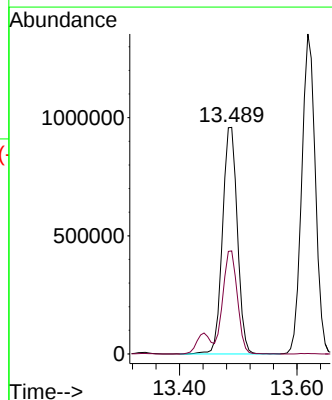
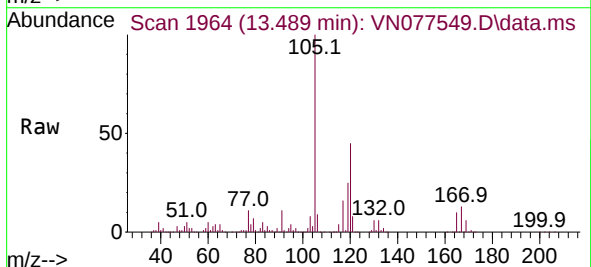
Manual Integrations
APPROVED

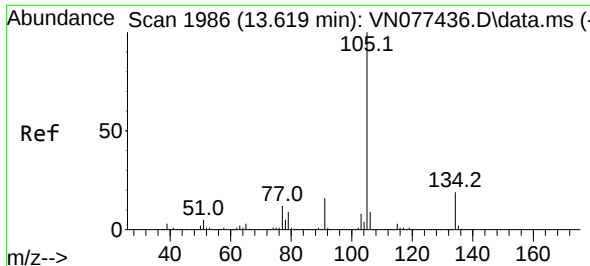
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.656 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Tgt Ion:105 Resp: 1681761
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





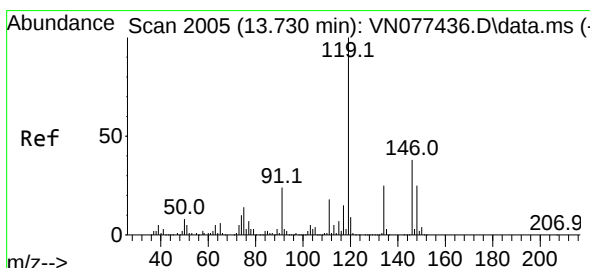
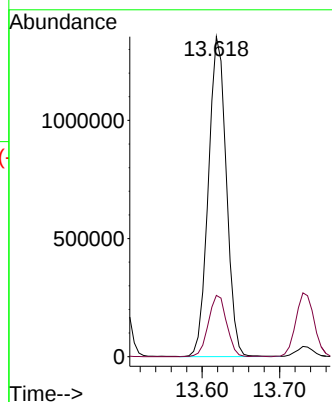
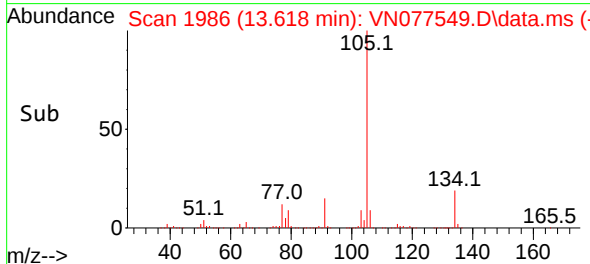
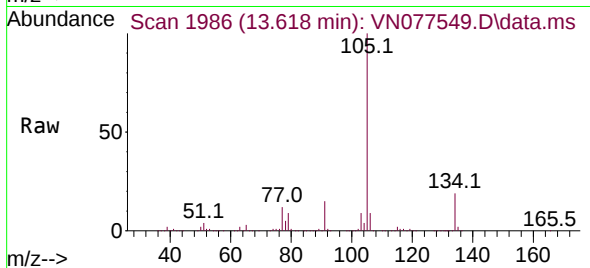
#85
 sec-Butylbenzene
 Concen: 45.075 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077549.D
 Acq: 01 May 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 217890
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

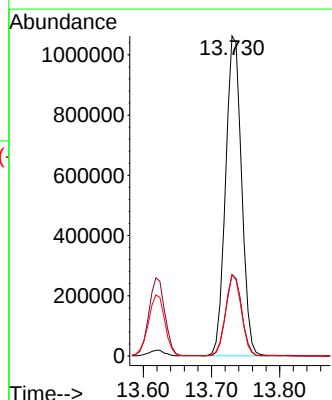
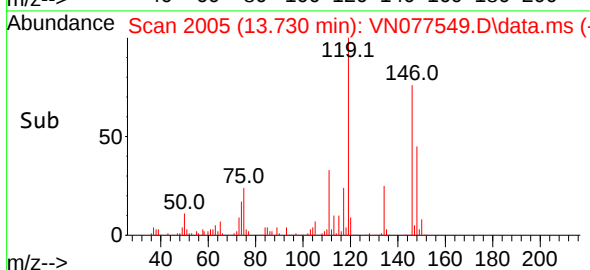
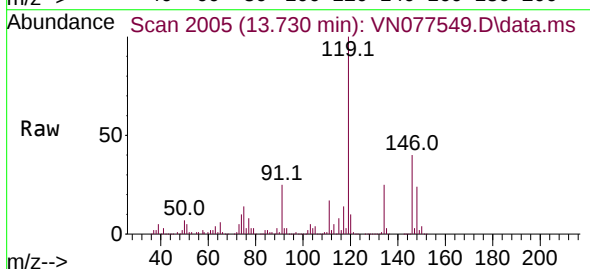
Manual Integrations
 APPROVED

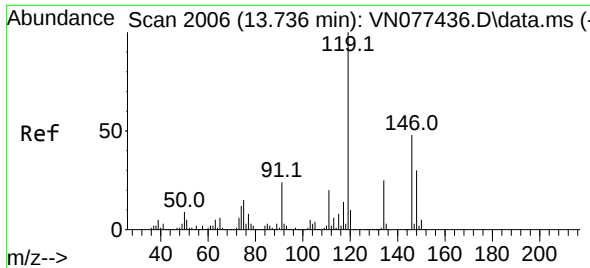
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#86
 p-Isopropyltoluene
 Concen: 46.643 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077549.D
 Acq: 01 May 2023 18:01

Tgt Ion:119 Resp: 1734781
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 43.383 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

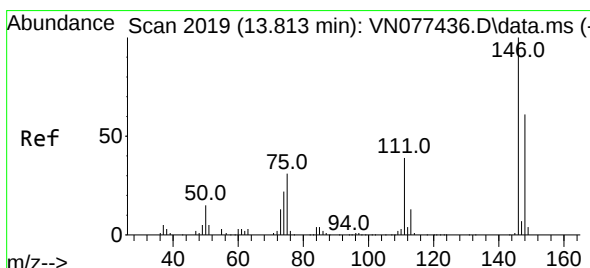
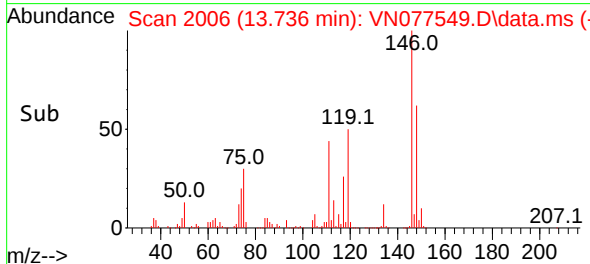
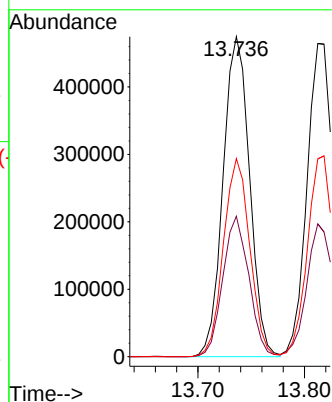
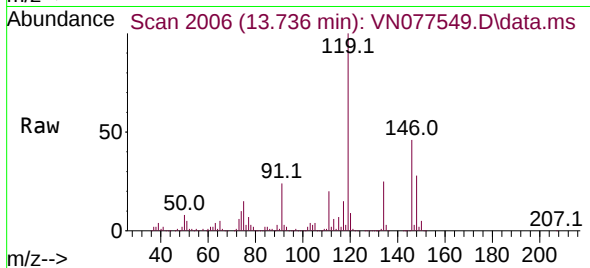
Tgt Ion:146 Resp: 821119
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.3
 148 61.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#88

1,4-Dichlorobenzene

Concen: 43.152 ug/l

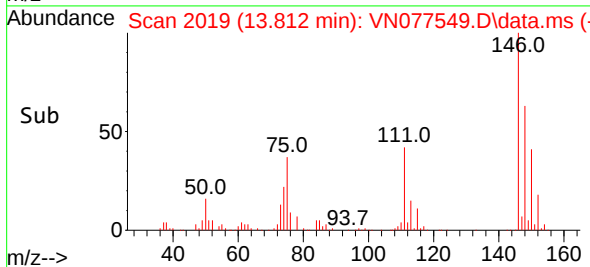
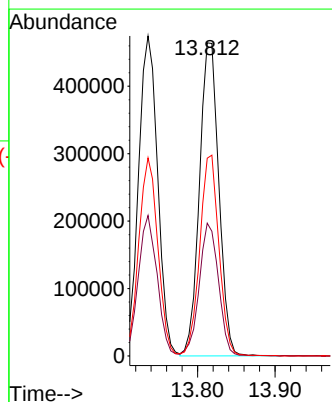
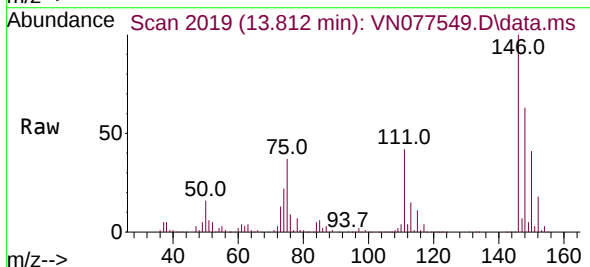
RT: 13.812 min Scan# 2019

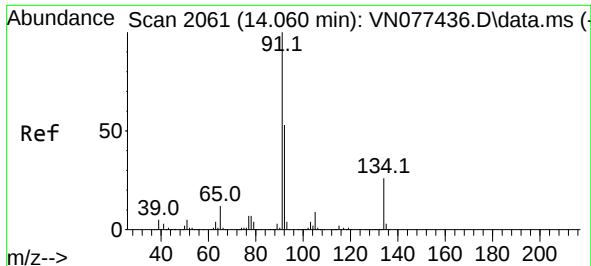
Delta R.T. -0.000 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

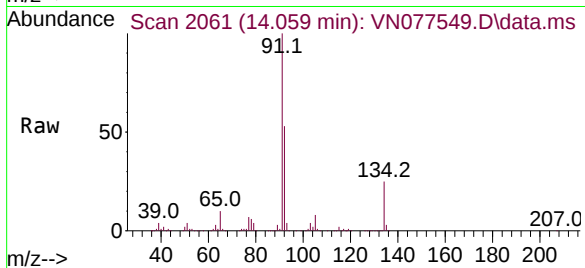
Tgt Ion:146 Resp: 806433
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 49.473 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

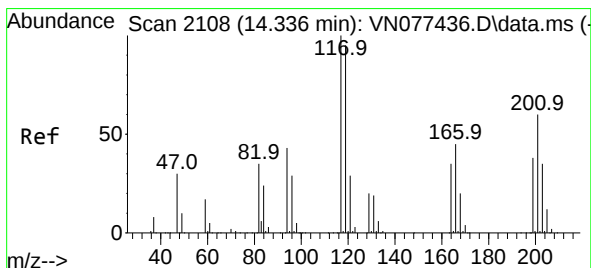
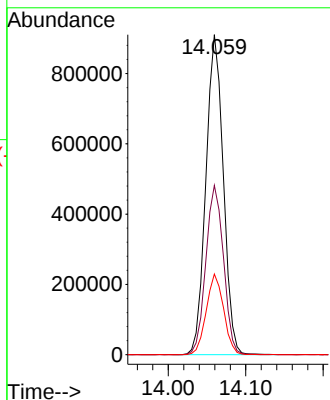
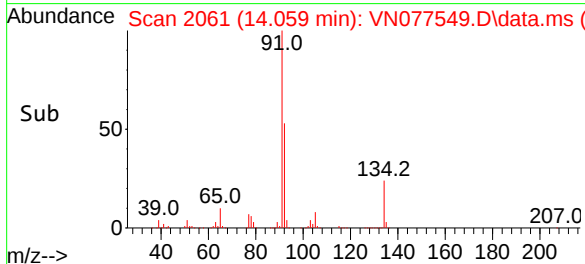
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1423999
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.0
134 25.1 12.6 37.6

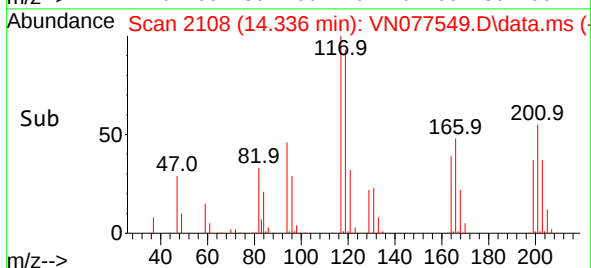
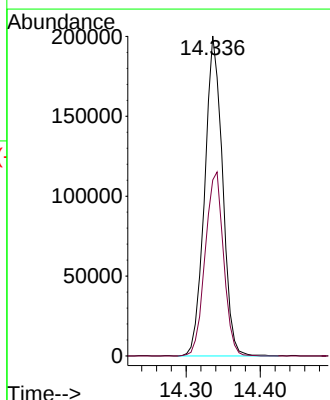
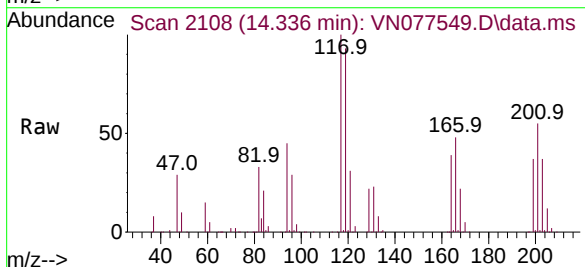
Manual Integrations
APPROVED

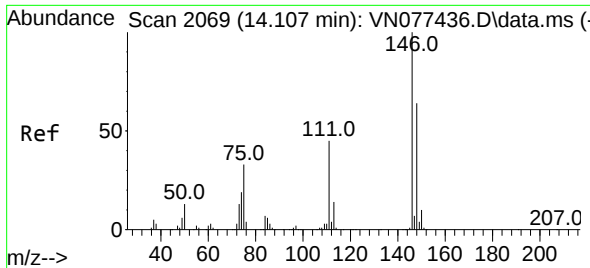
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#90
Hexachloroethane
Concen: 40.772 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

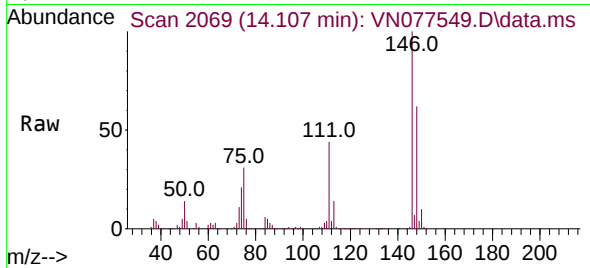
Tgt Ion:117 Resp: 335022
Ion Ratio Lower Upper
117 100
201 59.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 42.531 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

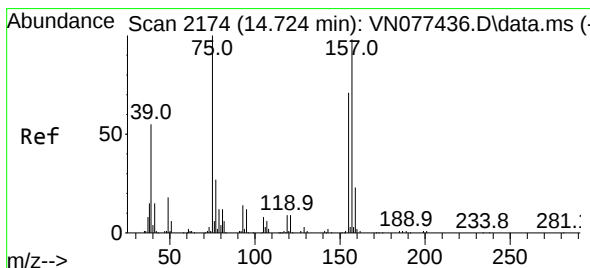
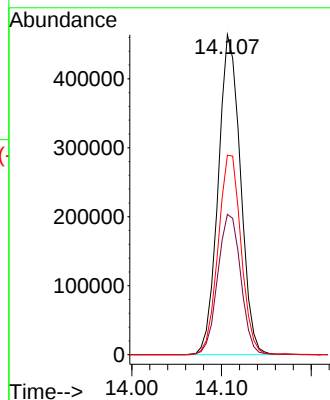
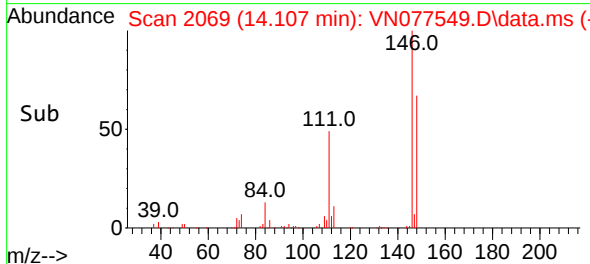
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



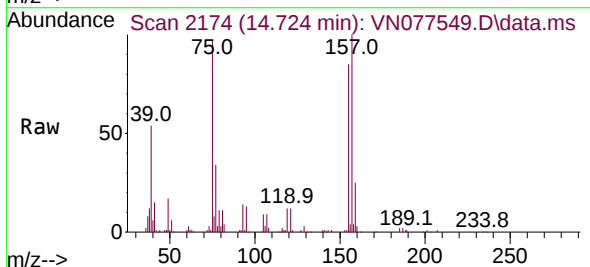
Tgt Ion:146 Resp: 798429
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 64.3 31.8 95.3

Manual Integrations
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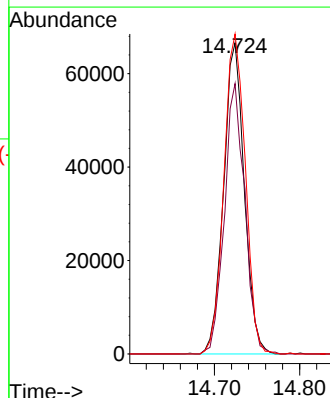
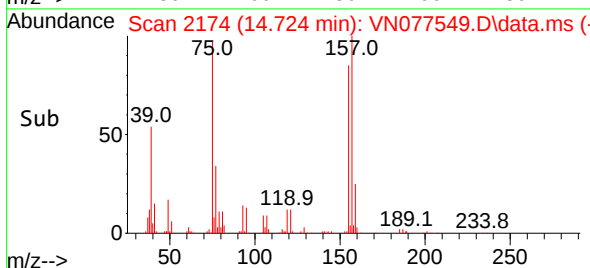
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

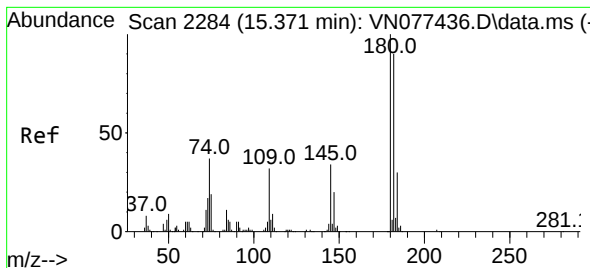


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.705 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01



Tgt Ion: 75 Resp: 112658
Ion Ratio Lower Upper
75 100
155 85.6 39.1 117.2
157 106.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.838 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 259239

Ion Ratio Lower Upper

180 100

182 95.9 46.1 138.2

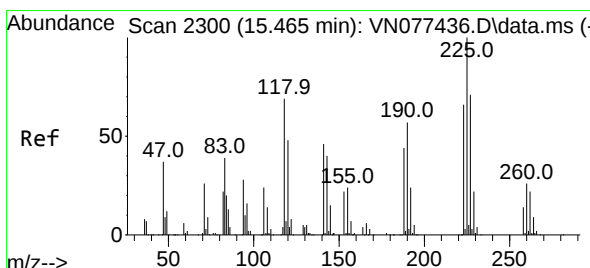
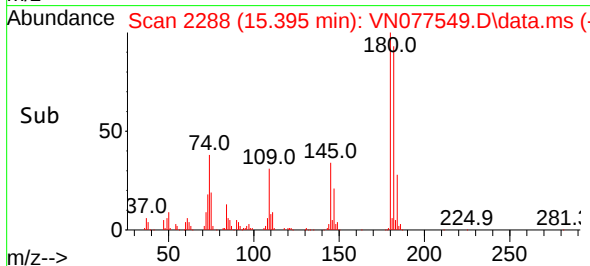
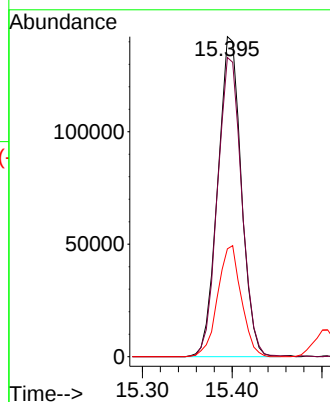
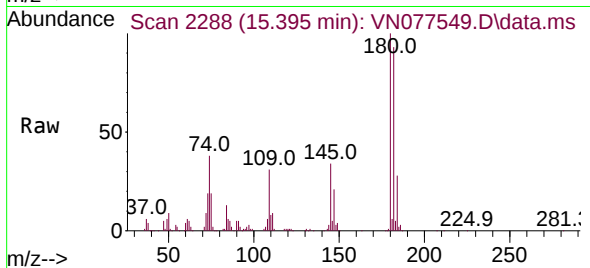
145 34.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#94

Hexachlorobutadiene

Concen: 43.643 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. 0.041 min

Lab File: VN077549.D

Acq: 01 May 2023 18:01

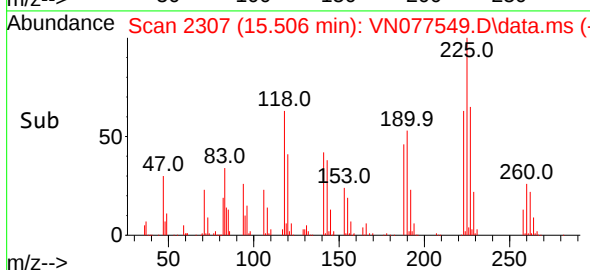
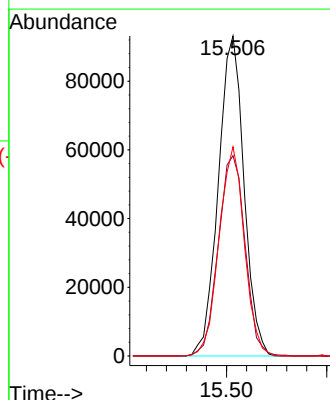
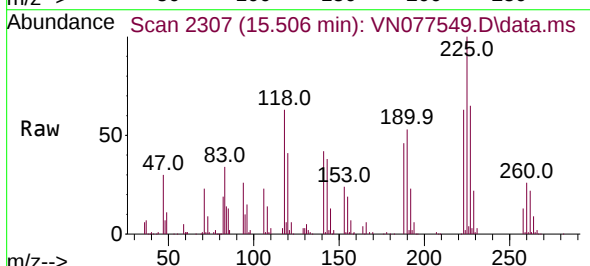
Tgt Ion:225 Resp: 165562

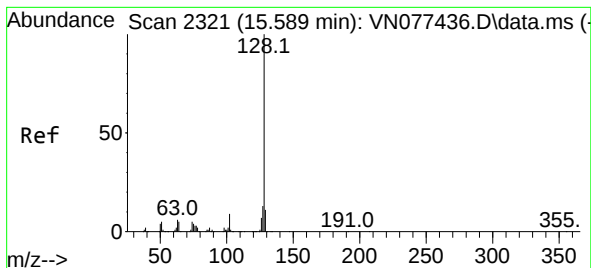
Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

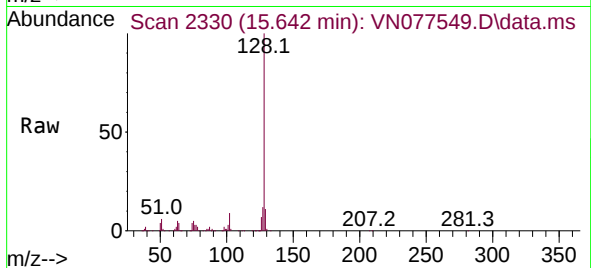
227 64.5 31.9 95.9





#95
Naphthalene
Concen: 45.441 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

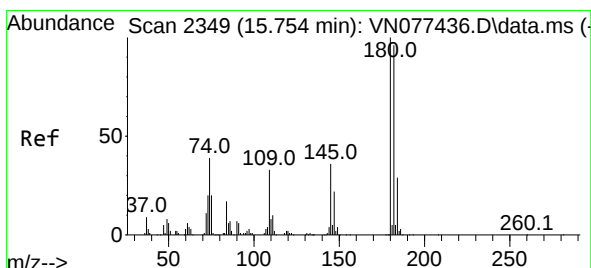
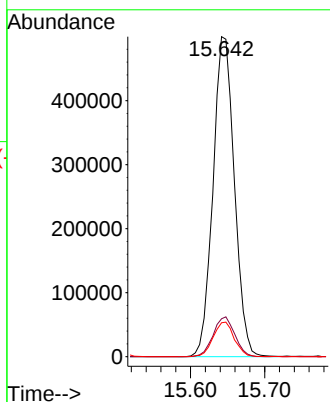
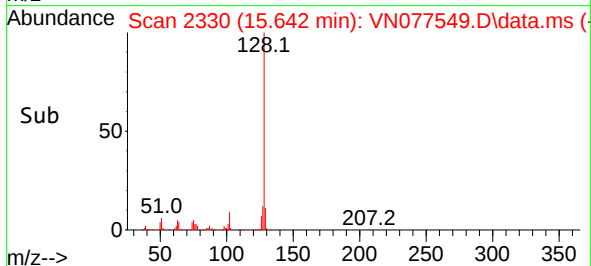
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1000819
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.933 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.094 min
Lab File: VN077549.D
Acq: 01 May 2023 18:01

Tgt Ion:180 Resp: 243253
Ion Ratio Lower Upper
180 100
182 96.8 46.2 138.6
145 36.1 17.5 52.6

