

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076868.D
 Acq On : 07 Mar 2023 13:43
 Operator : JC\MD
 Sample : VN0307WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 07 22:40:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	463284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	809905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	716624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	309675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	317220	48.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.680%		
35) Dibromofluoromethane	8.172	113	243721	48.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	10.566	98	967979	49.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.848	95	338429	50.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	108139	20.060	ug/l	100
3) Chloromethane	2.378	50	131268	18.514	ug/l	95
4) Vinyl Chloride	2.531	62	125847	19.364	ug/l	99
5) Bromomethane	2.972	94	81905	19.180	ug/l	91
6) Chloroethane	3.137	64	76772	19.681	ug/l	93
7) Trichlorofluoromethane	3.513	101	190069	20.044	ug/l	94
8) Diethyl Ether	3.972	74	79023	21.664	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.390	101	113439	20.460	ug/l	99
10) Methyl Iodide	4.607	142	126751	21.919	ug/l	96
11) Tert butyl alcohol	5.531	59	102624	106.397	ug/l	98
12) 1,1-Dichloroethene	4.360	96	105647	20.435	ug/l	94
13) Acrolein	4.195	56	140950	112.961	ug/l	99
14) Allyl chloride	5.042	41	174041	20.164	ug/l #	78
15) Acrylonitrile	5.731	53	330402	106.515	ug/l	99
16) Acetone	4.442	43	302437	106.670	ug/l	100
17) Carbon Disulfide	4.725	76	281444	20.052	ug/l	100
18) Methyl Acetate	5.042	43	206254	21.230	ug/l #	84
19) Methyl tert-butyl Ether	5.807	73	386356	21.793	ug/l	99
20) Methylene Chloride	5.295	84	129567	19.587	ug/l #	84
21) trans-1,2-Dichloroethene	5.801	96	115575	20.675	ug/l #	83
22) Diisopropyl ether	6.684	45	420241	21.641	ug/l #	92
23) Vinyl Acetate	6.613	43	1351744	109.283	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	229899	20.761	ug/l	96
25) 2-Butanone	7.489	43	444622	107.353	ug/l #	85
26) 2,2-Dichloropropane	7.495	77	175201	21.605	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	137269	20.962	ug/l	88
28) Bromochloromethane	7.819	49	106271	22.695	ug/l #	75
29) Tetrahydrofuran	7.848	42	292182	109.358	ug/l #	78
30) Chloroform	7.972	83	229293	20.848	ug/l	99
31) Cyclohexane	8.266	56	213050	19.417	ug/l	85
32) 1,1,1-Trichloroethane	8.178	97	196151	20.596	ug/l	96
36) 1,1-Dichloropropene	8.378	75	169377	20.800	ug/l	95
37) Ethyl Acetate	7.572	43	175838	21.037	ug/l #	94
38) Carbon Tetrachloride	8.366	117	166507	20.128	ug/l	98
39) Methylcyclohexane	9.607	83	209865	20.908	ug/l #	88
40) Benzene	8.613	78	519408	20.939	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	96948	21.240	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	176021	20.370	ug/l	97
43) Isopropyl Acetate	8.695	43	276079	21.575	ug/l #	90
44) Trichloroethene	9.354	130	125177	21.283	ug/l	98
45) 1,2-Dichloropropane	9.624	63	136362	21.273	ug/l	99
46) Dibromomethane	9.713	93	87257	21.432	ug/l	99
47) Bromodichloromethane	9.889	83	176163	21.047	ug/l	90
48) Methyl methacrylate	9.683	41	133731	21.507	ug/l #	80
49) 1,4-Dioxane	9.695	88	48356	424.302	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	887370	109.942	ug/l	91
52) Toluene	10.630	92	320744	21.716	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	180625	22.263	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	203932	21.883	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	127056	21.624	ug/l	97
56) Ethyl methacrylate	10.877	69	194331	22.198	ug/l #	80
57) 1,3-Dichloropropane	11.166	76	222850	21.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	325239	107.223	ug/l	92
59) 2-Hexanone	11.195	43	644667	110.225	ug/l	90
60) Dibromochloromethane	11.360	129	127932	22.096	ug/l	97
61) 1,2-Dibromoethane	11.471	107	123393	21.850	ug/l	98
64) Tetrachloroethene	11.107	164	119952	22.492	ug/l	95
65) Chlorobenzene	11.895	112	322439	20.820	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	117252	20.930	ug/l	98
67) Ethyl Benzene	11.966	91	598305	21.276	ug/l	99
68) m/p-Xylenes	12.071	106	456160	43.116	ug/l	94
69) o-Xylene	12.401	106	224852	21.582	ug/l	92
70) Styrene	12.413	104	363660	22.263	ug/l	95
71) Bromoform	12.583	173	82933	21.748	ug/l #	100
73) Isopropylbenzene	12.701	105	584234	21.644	ug/l	96
74) N-amyl acetate	12.495	43	226649	21.469	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.942	83	177422	20.509	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	163384m	20.920	ug/l	
77) Bromobenzene	12.983	156	126604	21.195	ug/l	85
78) n-propylbenzene	13.036	91	671673	21.820	ug/l	96
79) 2-Chlorotoluene	13.130	91	414544	20.993	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	493469	21.812	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	57375	24.229	ug/l #	89
82) 4-Chlorotoluene	13.224	91	401656	21.456	ug/l	94
83) tert-Butylbenzene	13.442	119	413813	21.405	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	495018	22.182	ug/l	94
85) sec-Butylbenzene	13.618	105	596394	22.095	ug/l	97
86) p-Isopropyltoluene	13.730	119	483163	22.380	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	237523	21.777	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	229481	20.721	ug/l	97
89) n-Butylbenzene	14.060	91	402392	21.574	ug/l	98
90) Hexachloroethane	14.336	117	83109	21.306	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	236726	21.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	35180	21.461	ug/l	84
93) 1,2,4-Trichlorobenzene	15.401	180	123889	22.415	ug/l	98
94) Hexachlorobutadiene	15.506	225	60048	20.866	ug/l	96
95) Naphthalene	15.648	128	401039	22.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	119751	22.043	ug/l	99

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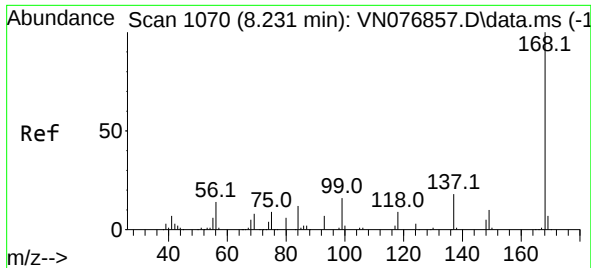
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

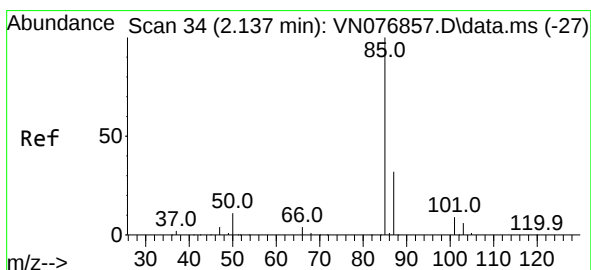
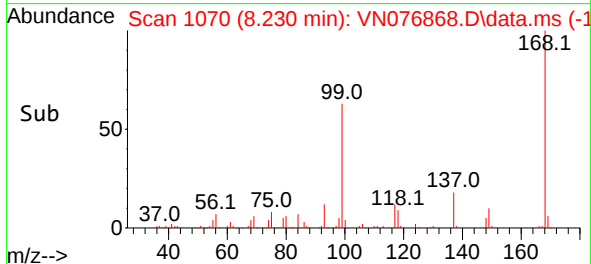
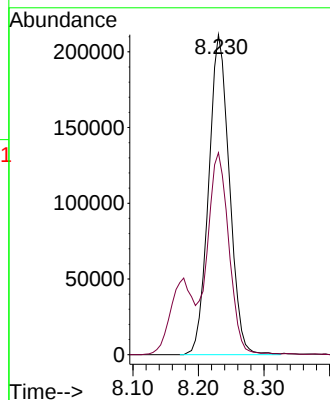
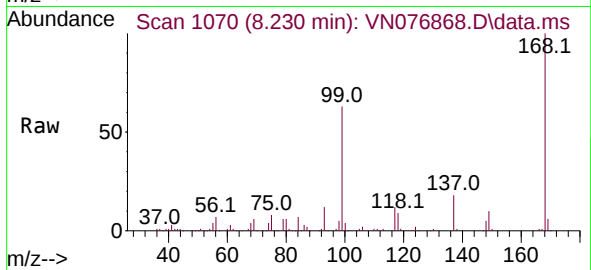
VN0307WBSD02

Tgt Ion:168 Resp: 463284
Ion Ratio Lower Upper
168 100
99 62.9 48.6 73.0

Manual Integrations

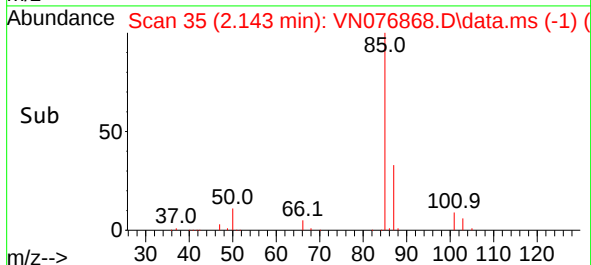
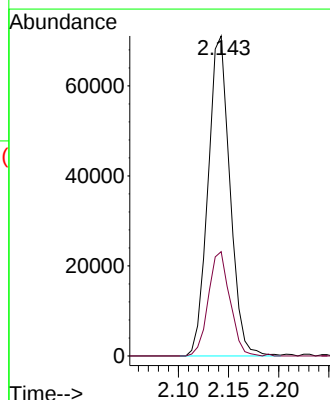
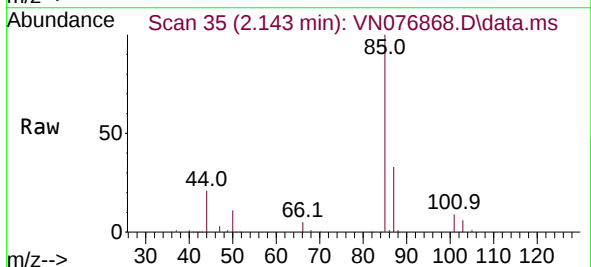
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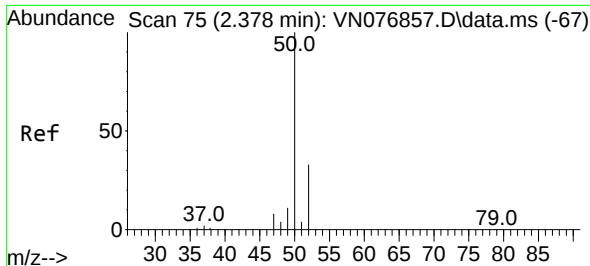
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#2
Dichlorodifluoromethane
Concen: 20.060 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

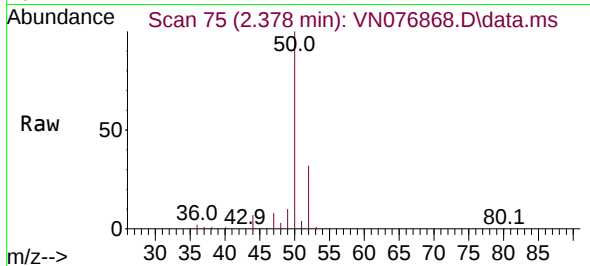
Tgt Ion: 85 Resp: 108139
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 18.514 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

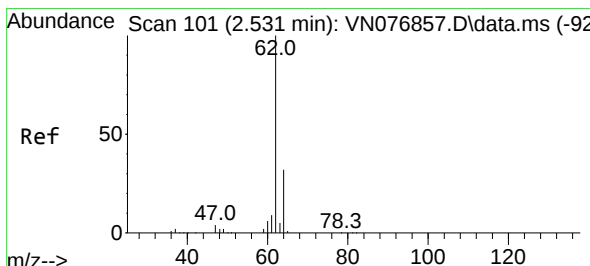
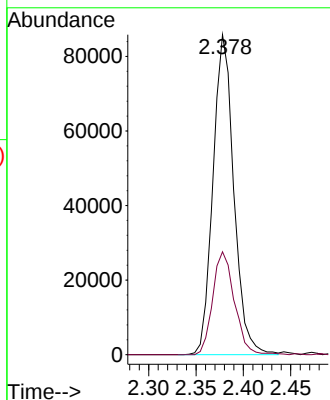
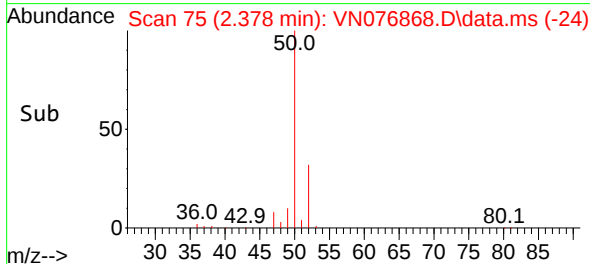
Instrument :
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VN0307WBSD02



Tgt Ion: 50 Resp: 131268
Ion Ratio Lower Upper
50 100
52 32.1 27.9 41.9

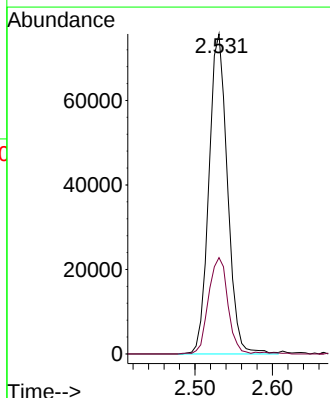
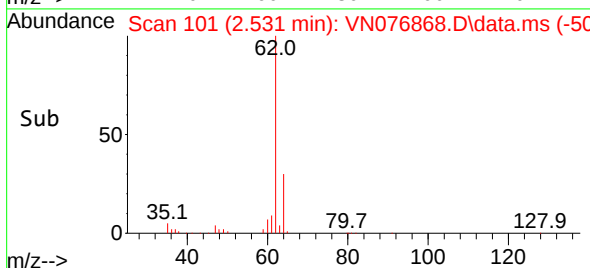
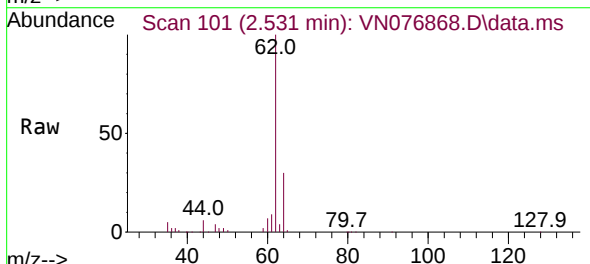
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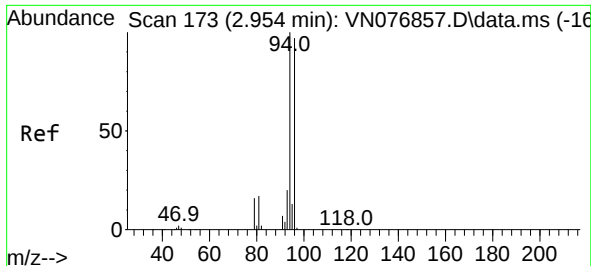
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#4
Vinyl Chloride
Concen: 19.364 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion: 62 Resp: 125847
Ion Ratio Lower Upper
62 100
64 30.1 24.5 36.7





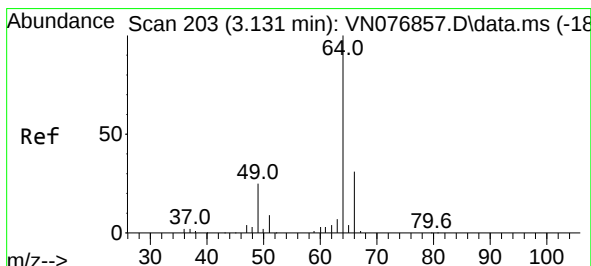
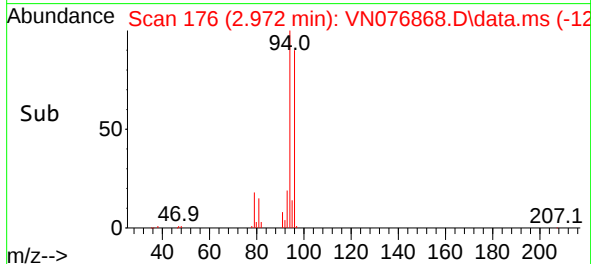
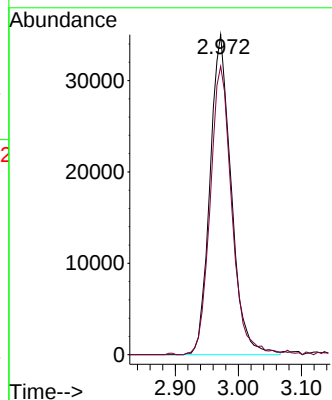
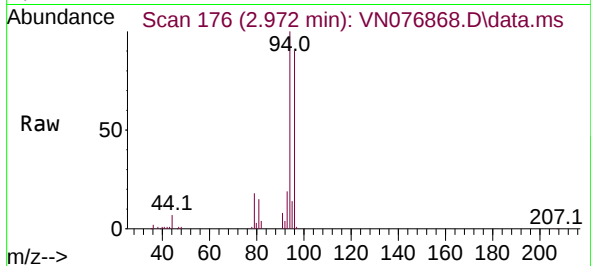
#5
Bromomethane
Concen: 19.180 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076868.D
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Instrument :
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Tgt Ion: 94 Resp: 8190
Ion Ratio Lower Upper
94 100
96 90.1 79.0 118.6

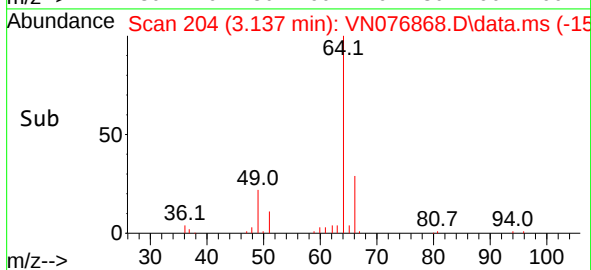
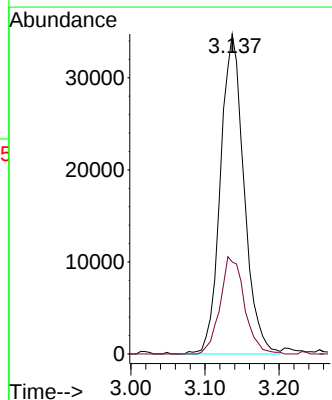
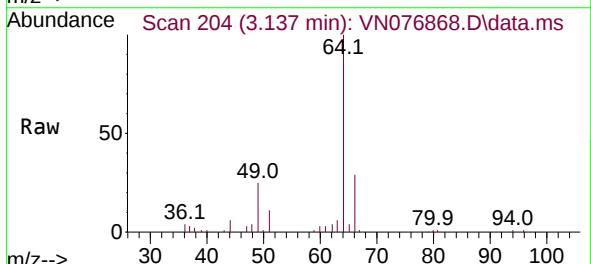
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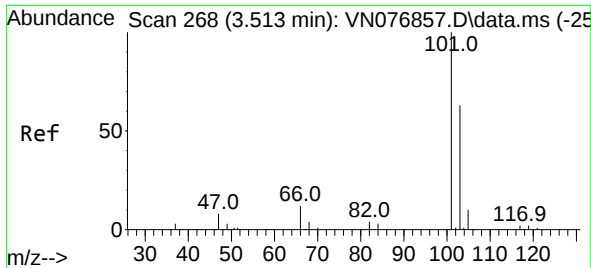
Reviewed By :John Carlone 03/08/2023
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#6
Chloroethane
Concen: 19.681 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

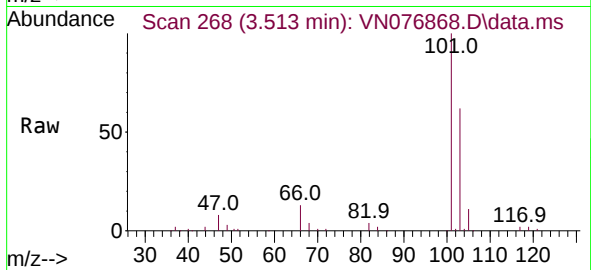
Tgt Ion: 64 Resp: 76772
Ion Ratio Lower Upper
64 100
66 28.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 20.044 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

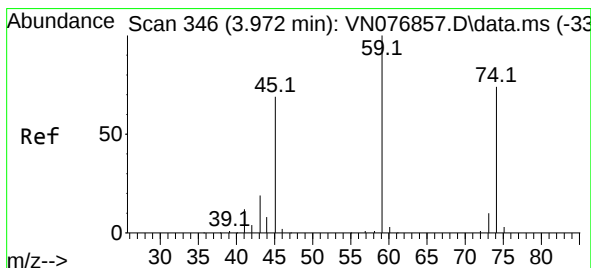
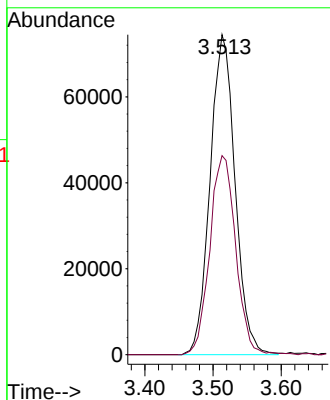
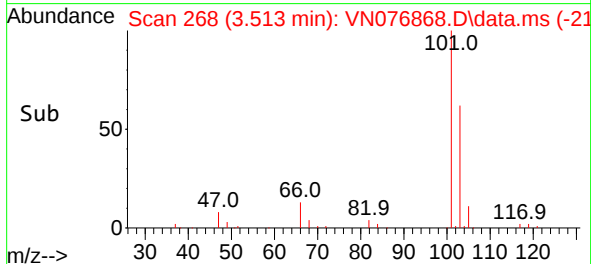
Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 190069
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.4 80.0

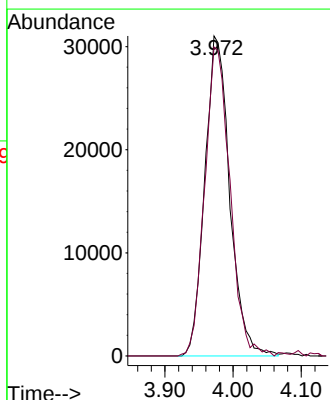
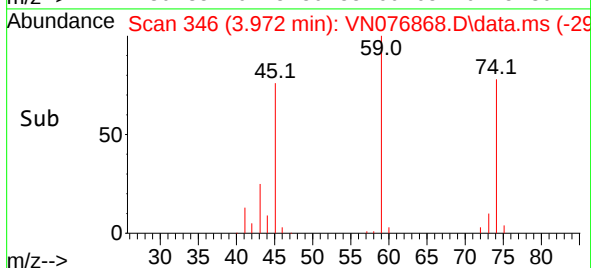
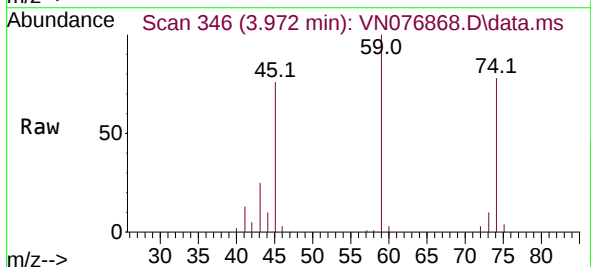
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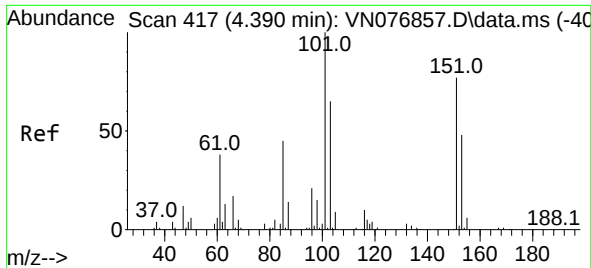
Reviewed By :John Carlone 03/08/2023
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#8
 Diethyl Ether
 Concen: 21.664 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

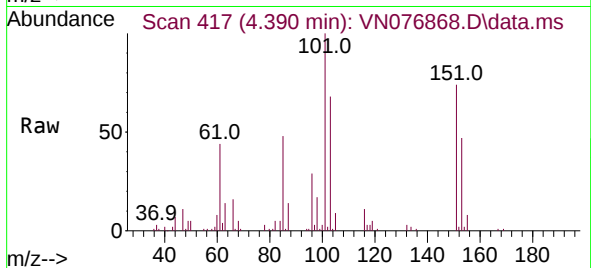
Tgt Ion: 74 Resp: 79023
 Ion Ratio Lower Upper
 74 100
 45 97.9 35.5 106.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.460 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

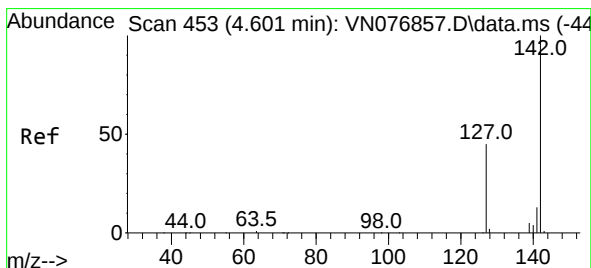
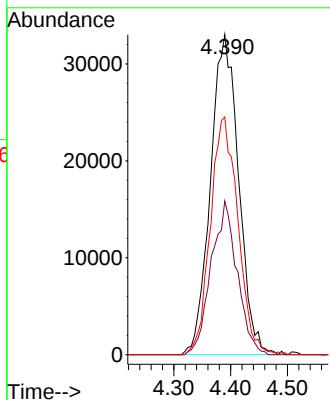
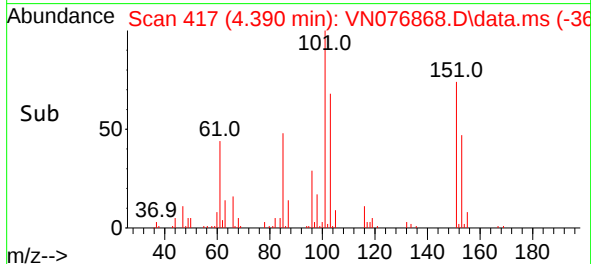
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



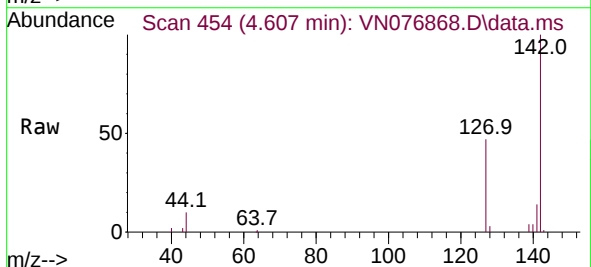
Tgt Ion:101 Resp: 113439
Ion Ratio Lower Upper
101 100
85 44.3 35.2 52.8
151 72.7 58.9 88.3

Manual Integrations
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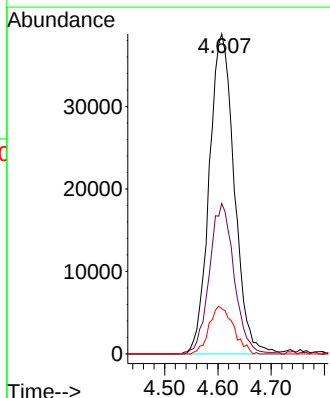
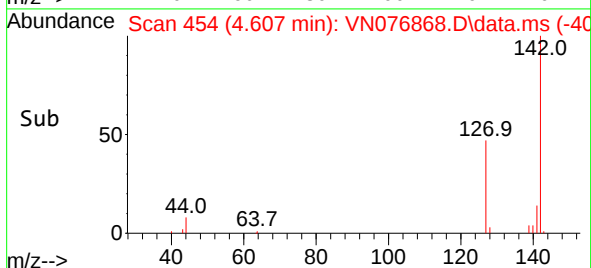
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

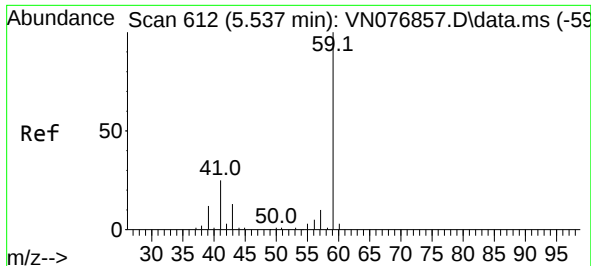


#10
Methyl Iodide
Concen: 21.919 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



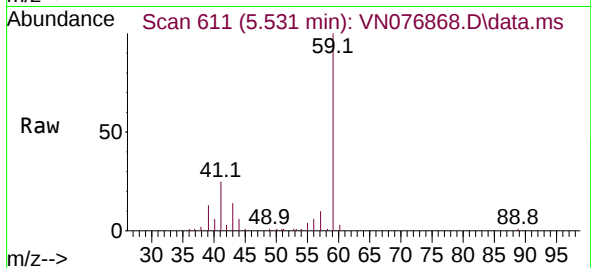
Tgt Ion:142 Resp: 126751
Ion Ratio Lower Upper
142 100
127 47.0 35.2 52.8
141 14.2 10.2 15.2





#11
Tert butyl alcohol
Concen: 106.397 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

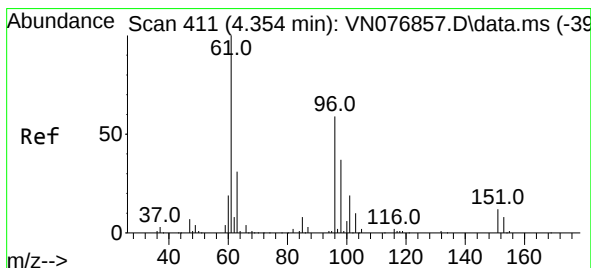
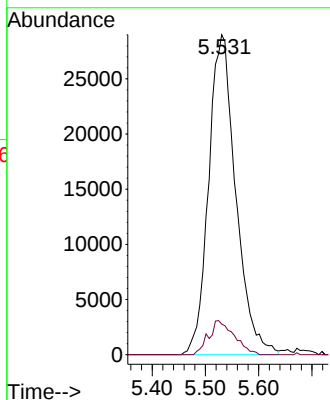
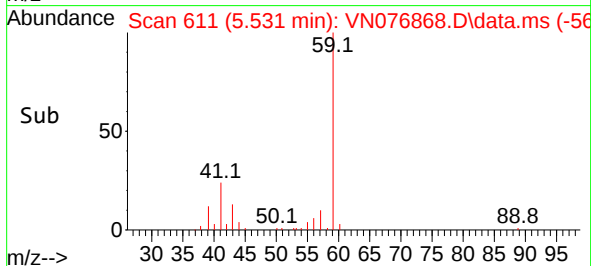
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 59 Resp: 102624
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

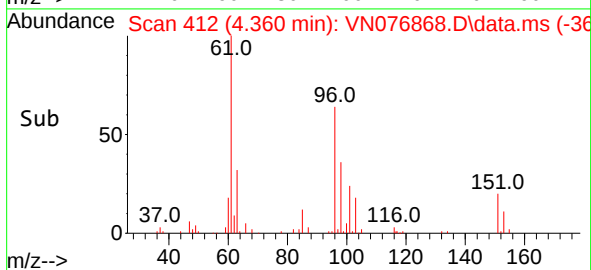
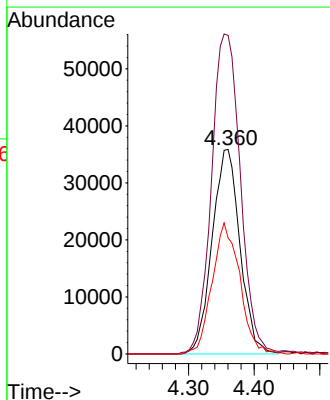
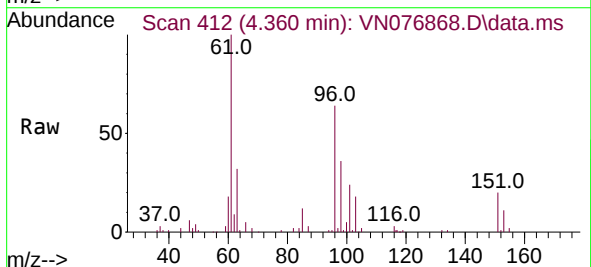
Manual Integrations
APPROVED

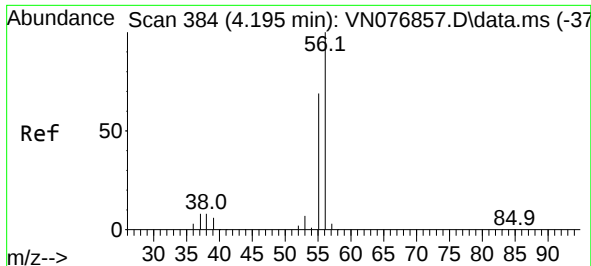
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#12
1,1-Dichloroethene
Concen: 20.435 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

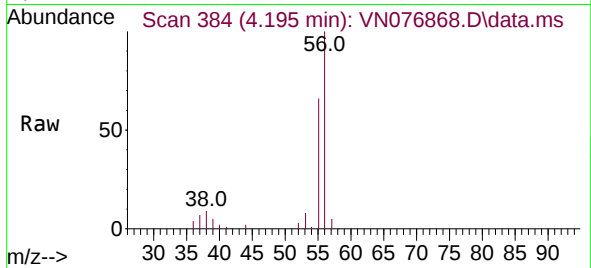
Tgt Ion: 96 Resp: 105647
Ion Ratio Lower Upper
96 100
61 155.8 121.3 181.9
98 56.7 52.1 78.1





#13
Acrolein
Concen: 112.961 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

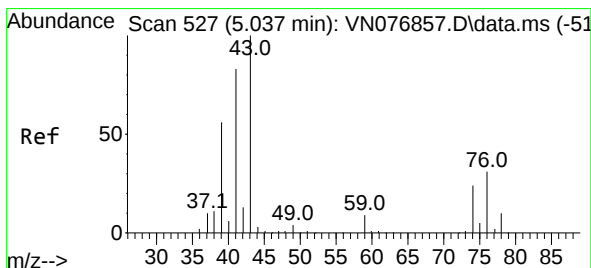
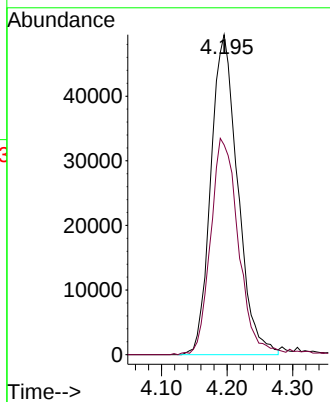
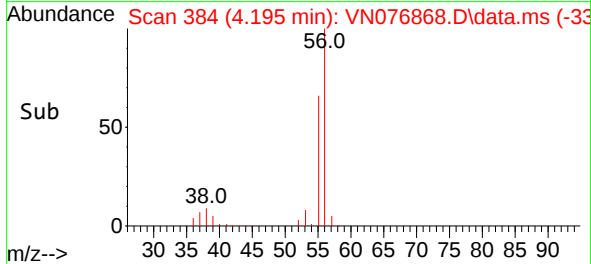
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



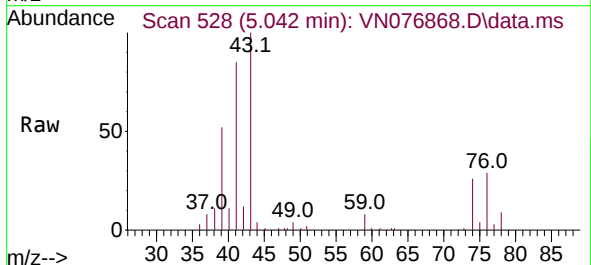
Tgt Ion: 56 Resp: 140950
Ion Ratio Lower Upper
56 100
55 70.0 56.7 85.1

Manual Integrations
APPROVED

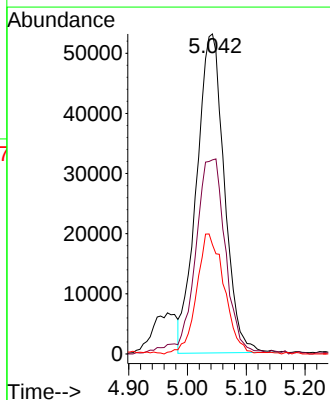
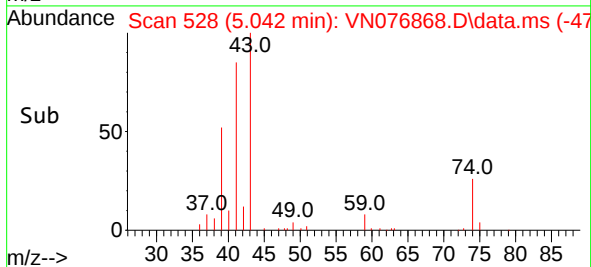
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

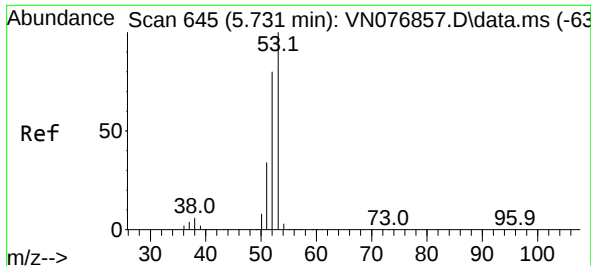


#14
Allyl chloride
Concen: 20.164 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



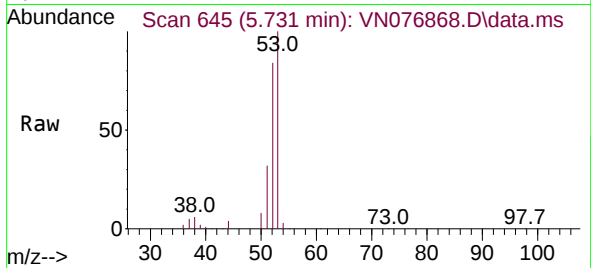
Tgt Ion: 41 Resp: 174041
Ion Ratio Lower Upper
41 100
39 66.8 68.1 102.1#
76 37.5 44.1 66.1#





#15
Acrylonitrile
Concen: 106.515 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

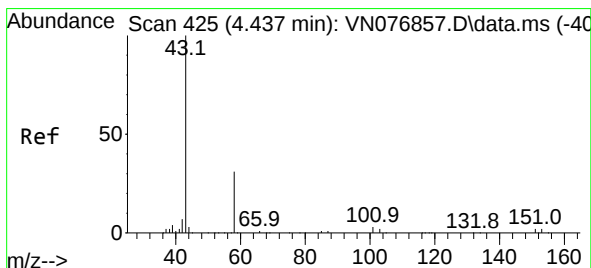
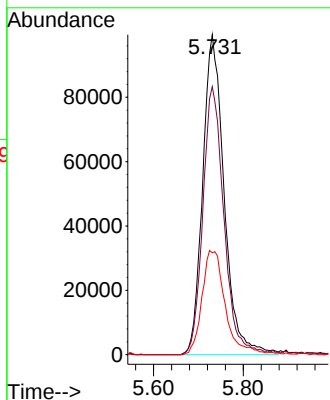
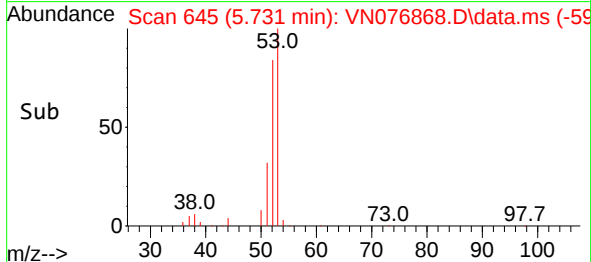
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 53 Resp: 330402
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 35.1 28.8 43.2

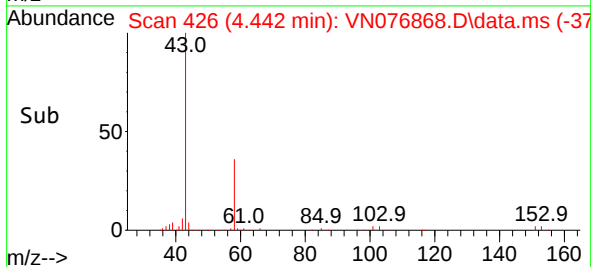
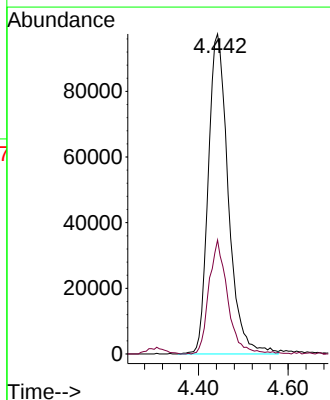
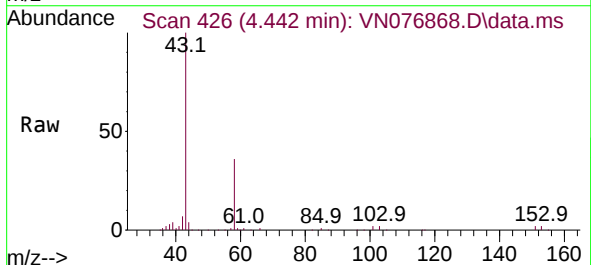
Manual Integrations
APPROVED

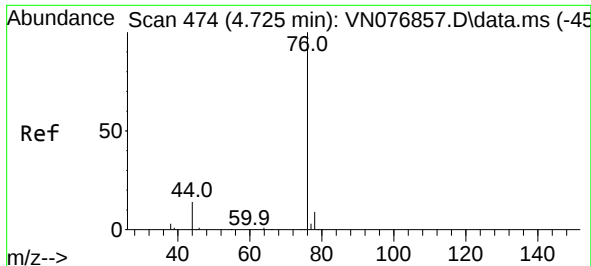
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#16
Acetone
Concen: 106.670 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

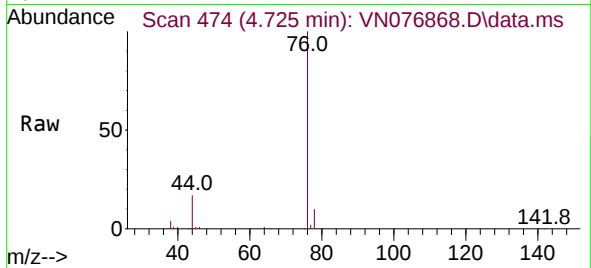
Tgt Ion: 43 Resp: 302437
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.2





#17
Carbon Disulfide
Concen: 20.052 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

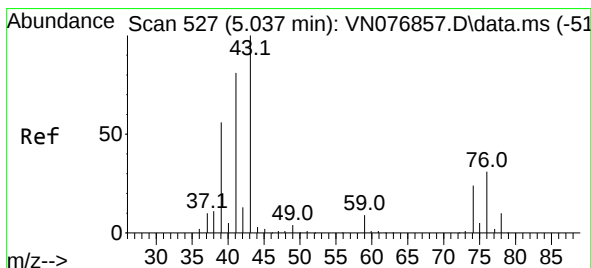
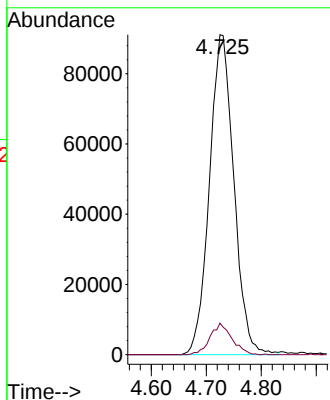
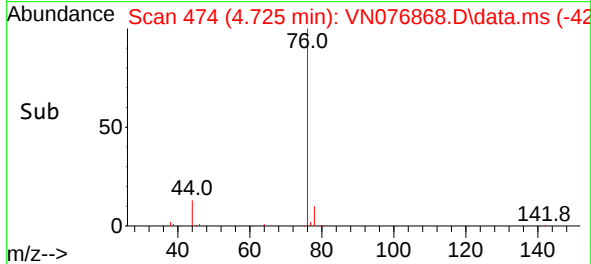
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



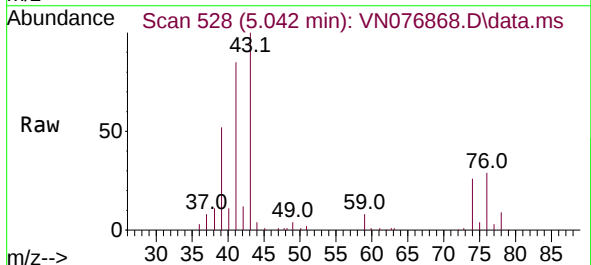
Tgt Ion: 76 Resp: 28144
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

Manual Integrations
APPROVED

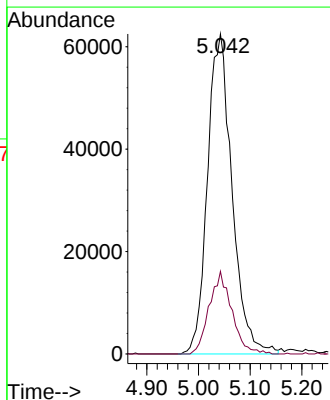
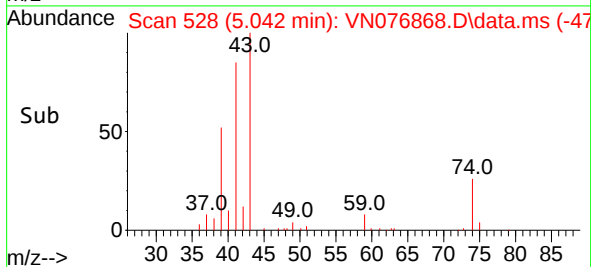
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

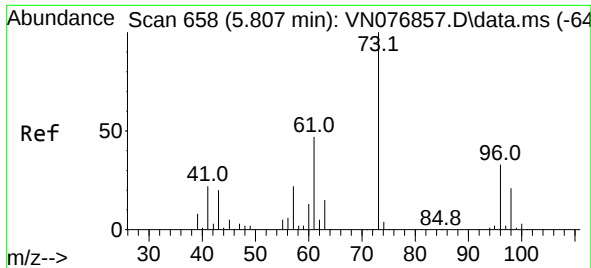


#18
Methyl Acetate
Concen: 21.230 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



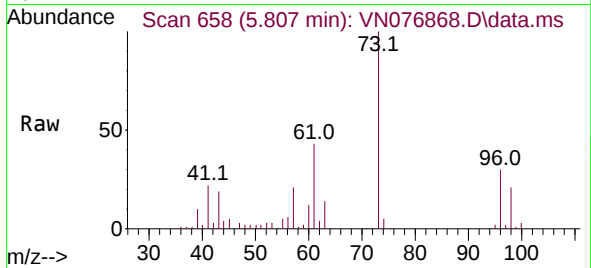
Tgt Ion: 43 Resp: 206254
Ion Ratio Lower Upper
43 100
74 23.7 25.9 38.9#





#19
Methyl tert-butyl Ether
Concen: 21.793 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

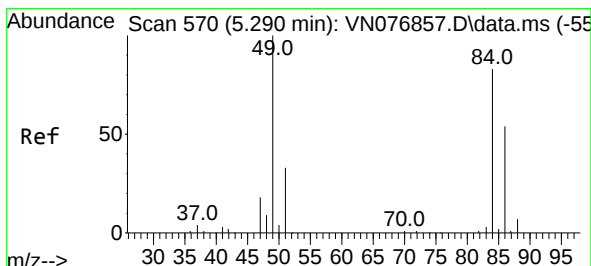
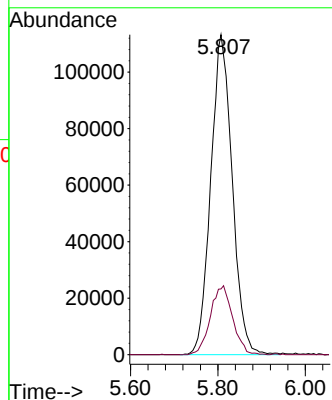
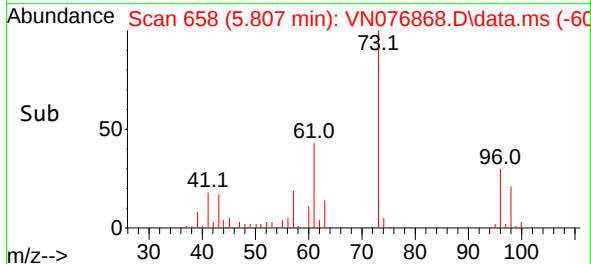
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



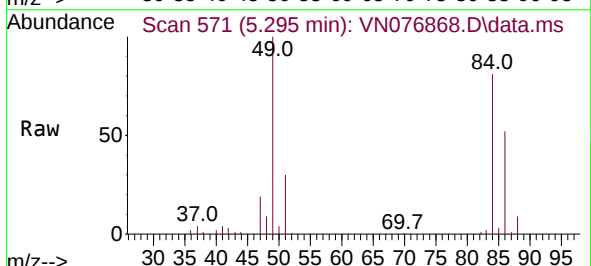
Tgt Ion: 73 Resp: 386350
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1

Manual Integrations
APPROVED

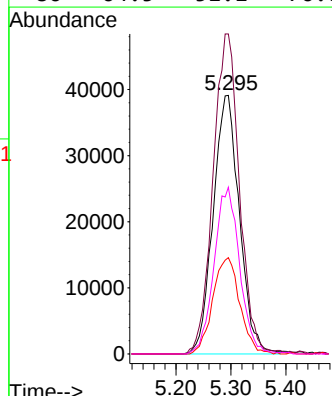
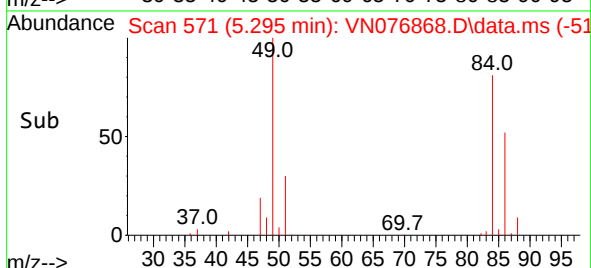
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

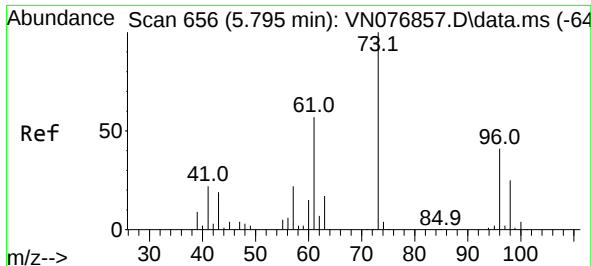


#20
Methylene Chloride
Concen: 19.587 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



Tgt Ion: 84 Resp: 129567
Ion Ratio Lower Upper
84 100
49 123.7 76.6 114.8#
51 37.3 25.4 38.2
86 64.5 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 20.675 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

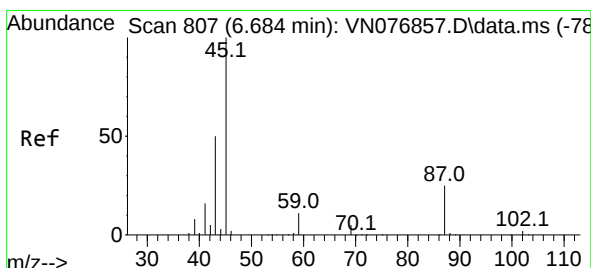
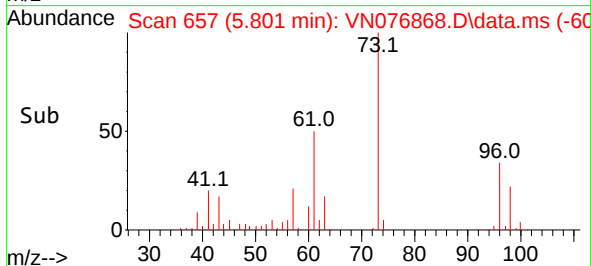
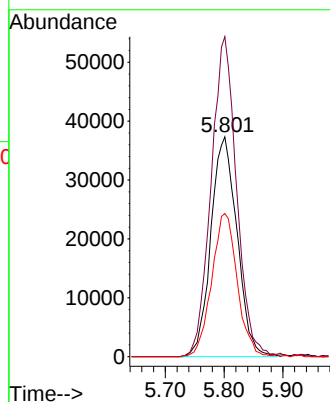
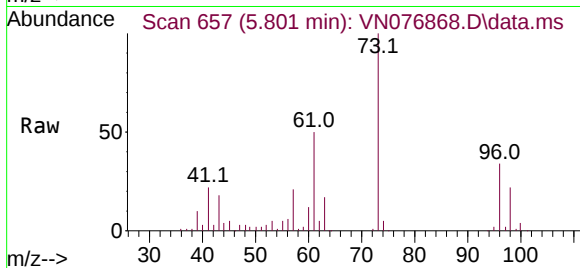
Tgt Ion: 96 Resp: 11557
Ion Ratio Lower Upper
96 100
61 145.5 95.0 142.6
98 65.2 54.5 81.7

Manual Integrations

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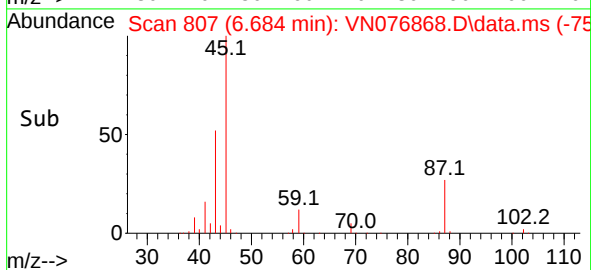
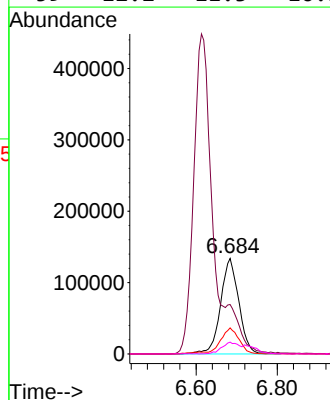
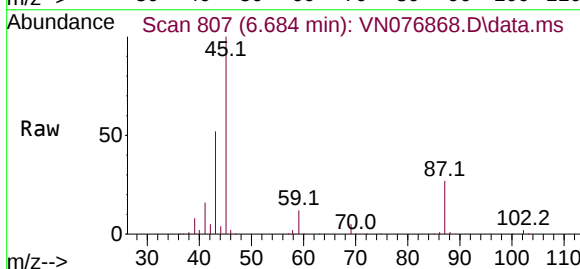
Reviewed By :John Carlone 03/08/2023

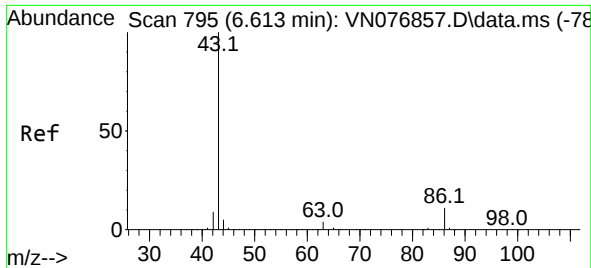
Supervised By :Mahesh Dadoda 03/08/2023



#22
Diisopropyl ether
Concen: 21.641 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion: 45 Resp: 420241
Ion Ratio Lower Upper
45 100
43 50.7 42.6 63.8
87 27.1 29.7 44.5#
59 12.2 11.3 16.9





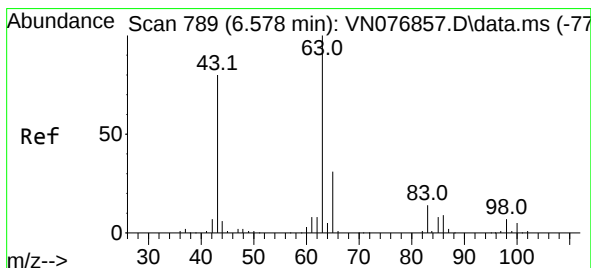
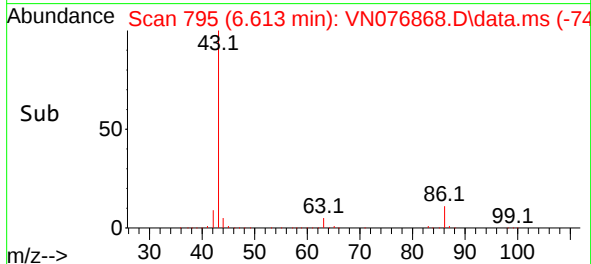
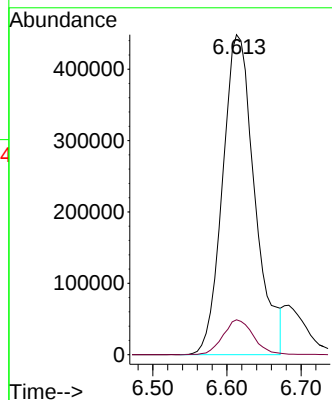
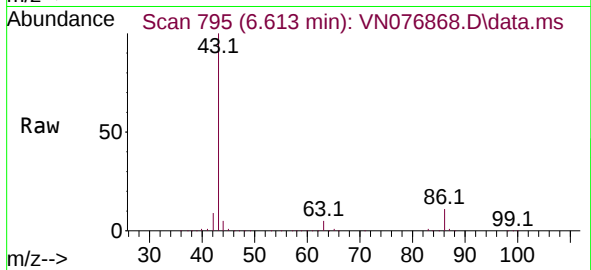
#23
 Vinyl Acetate
 Concen: 109.283 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBSD02

Tgt Ion: 43 Resp: 1351744
 Ion Ratio Lower Upper
 43 100
 86 10.9 11.8 17.6

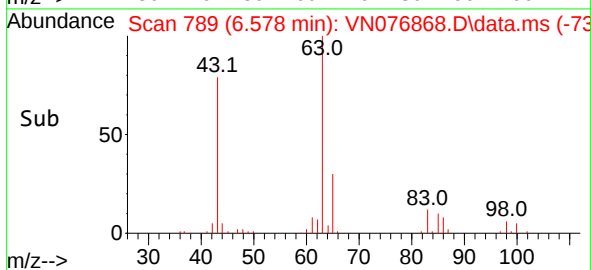
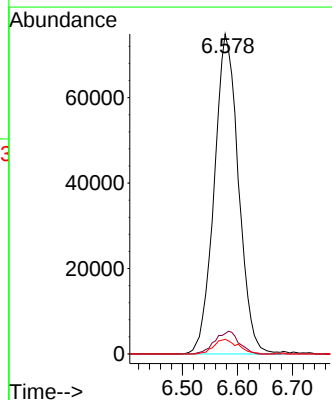
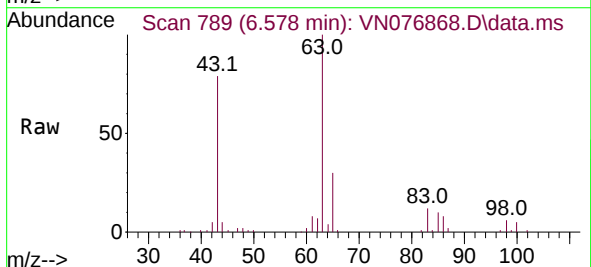
Manual Integrations
 APPROVED

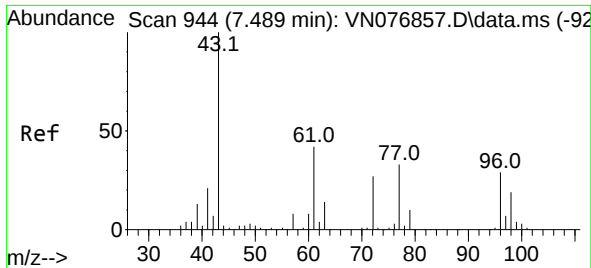
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023



#24
 1,1-Dichloroethane
 Concen: 20.761 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

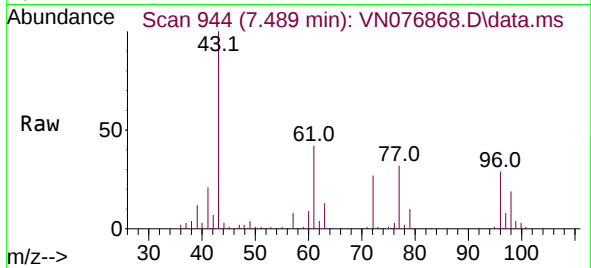
Tgt Ion: 63 Resp: 229899
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.2 12.6
 100 4.6 2.2 6.6





#25
2-Butanone
Concen: 107.353 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

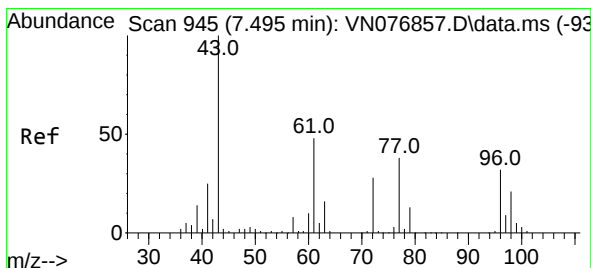
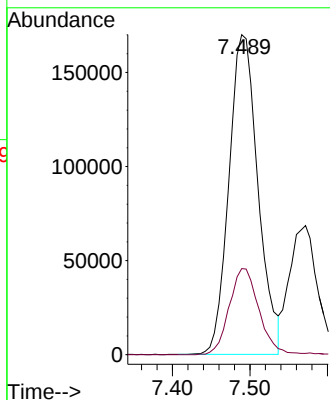
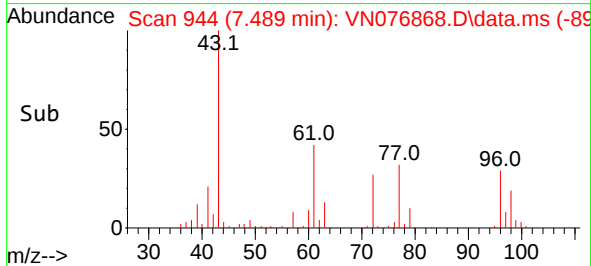
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 43 Resp: 444622
Ion Ratio Lower Upper
43 100
72 26.9 28.8 43.2

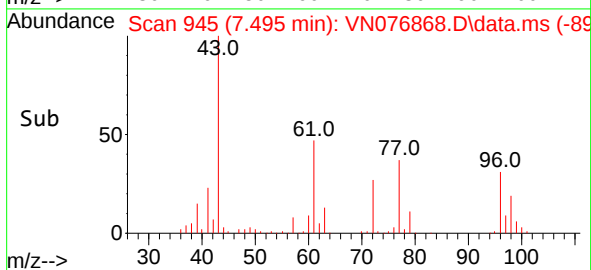
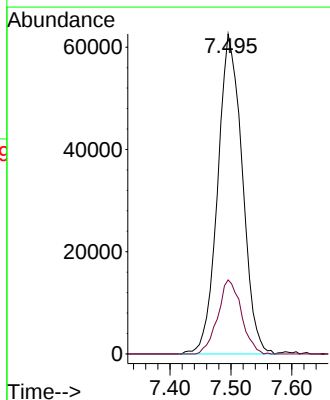
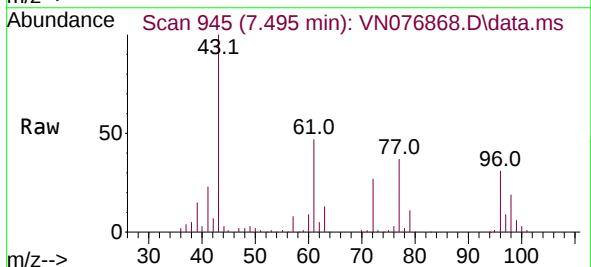
Manual Integrations
APPROVED

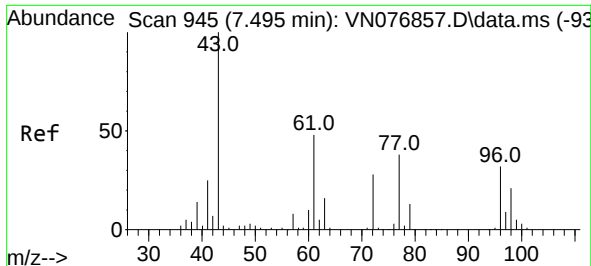
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#26
2,2-Dichloropropane
Concen: 21.605 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

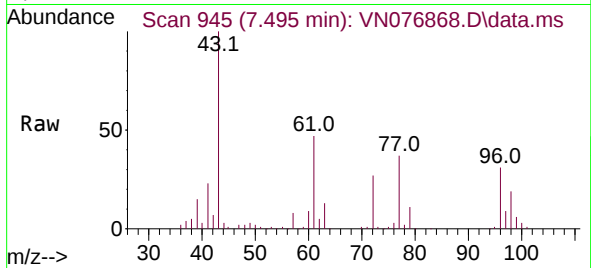
Tgt Ion: 77 Resp: 175201
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.962 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

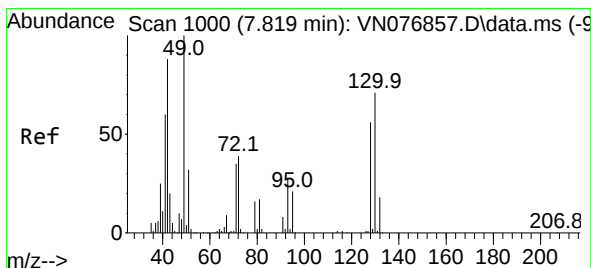
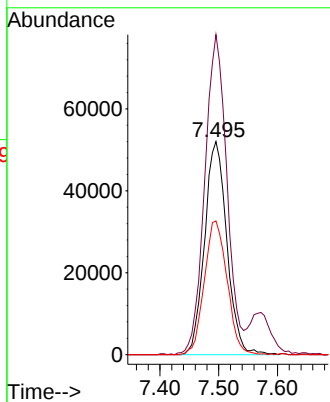
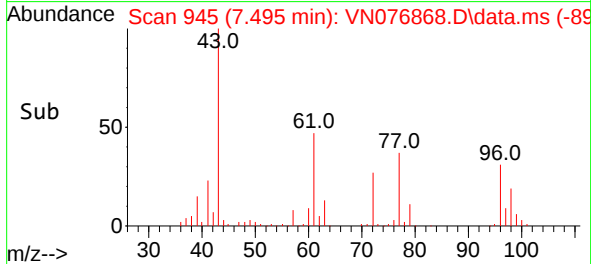
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBSD02



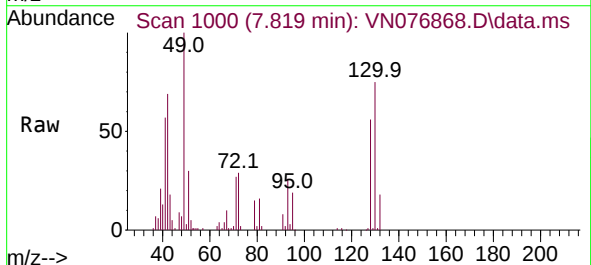
Tgt Ion: 96 Resp: 137269
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 255.6
 98 64.2 0.0 127.4

Manual Integrations
 APPROVED

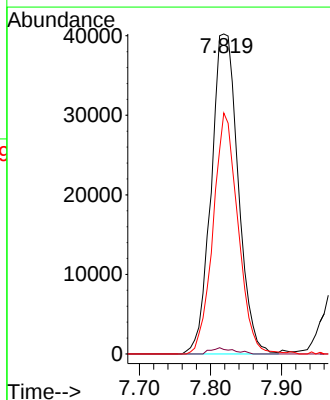
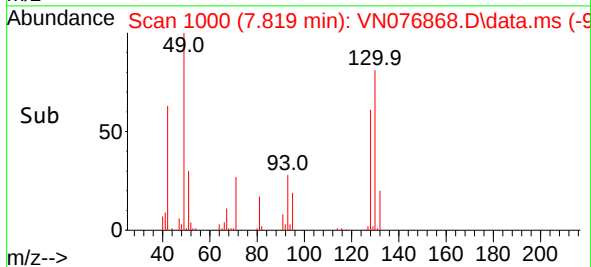
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

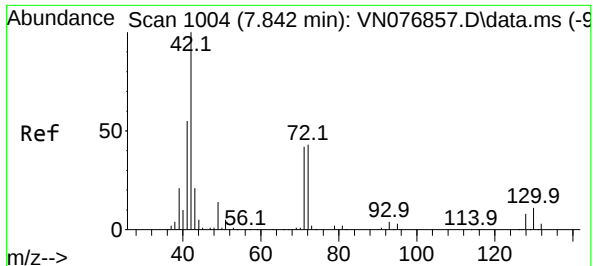


#28
 Bromochloromethane
 Concen: 22.695 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43



Tgt Ion: 49 Resp: 106271
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 69.3 74.8 112.2#





#29

Tetrahydrofuran

Concen: 109.358 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076868.D

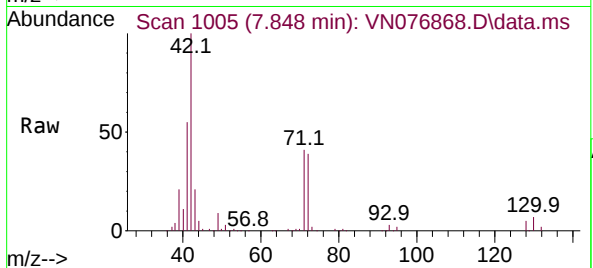
Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02



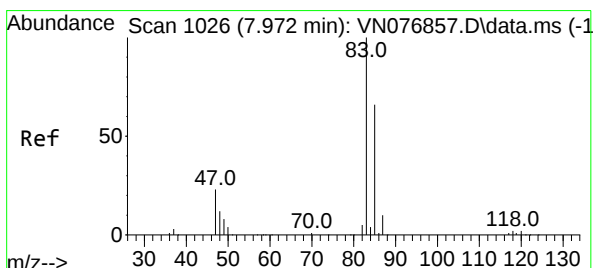
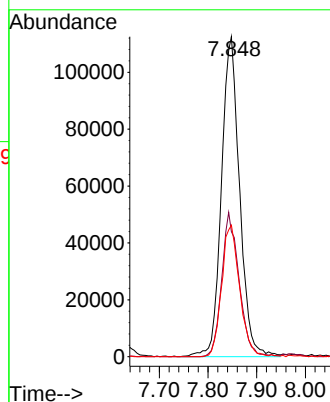
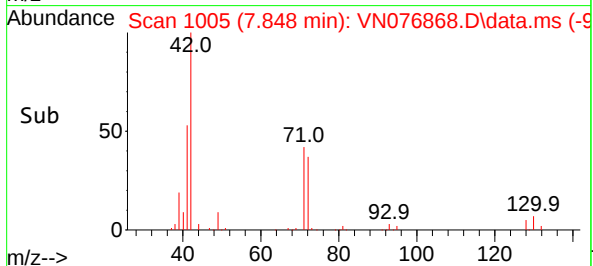
Tgt Ion:	42	Resp:	29218
Ion Ratio	100	Lower	Upper
42	100		
72	43.0	48.6	73.0
71	40.7	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#30

Chloroform

Concen: 20.848 ug/l

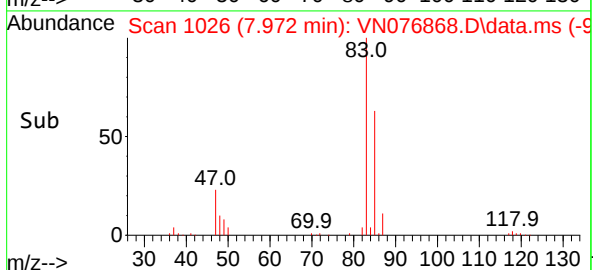
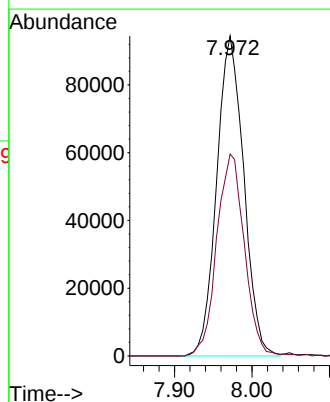
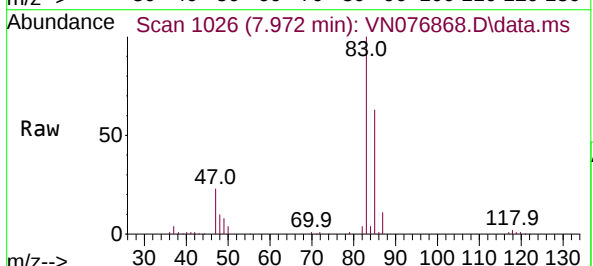
RT: 7.972 min Scan# 1026

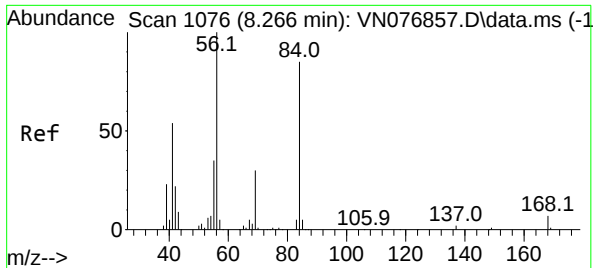
Delta R.T. -0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

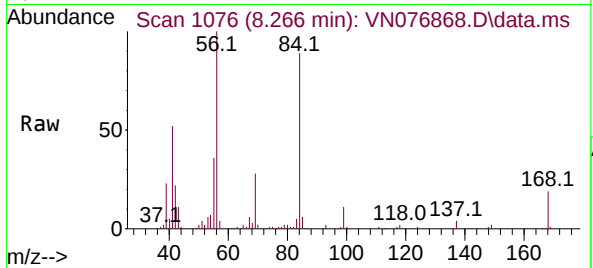
Tgt Ion:	83	Resp:	229293
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	51.3	76.9





#31
Cyclohexane
Concen: 19.417 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

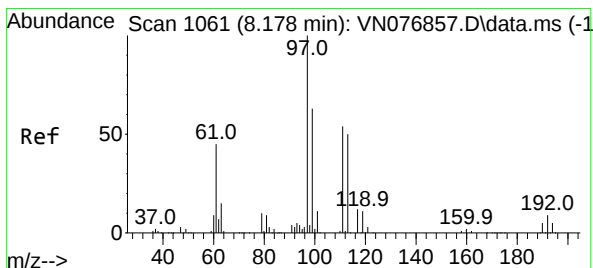
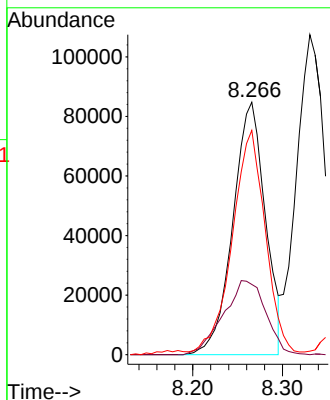
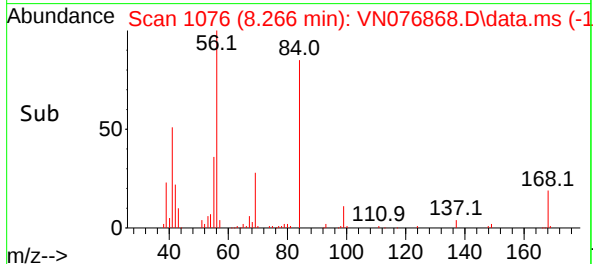
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



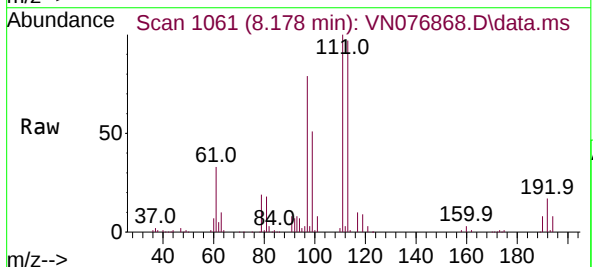
Tgt Ion: 56 Resp: 213050
Ion Ratio Lower Upper
56 100
69 27.8 27.0 40.6
84 87.2 82.9 124.3

Manual Integrations
APPROVED

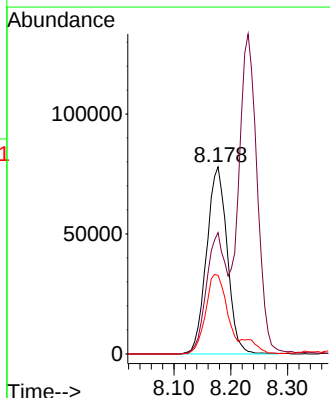
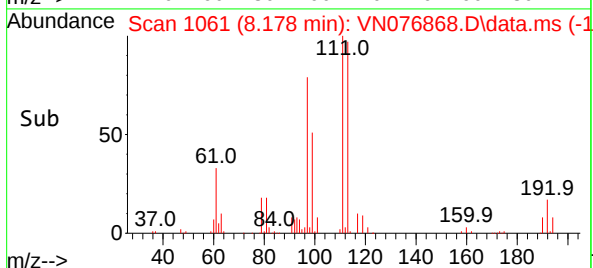
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

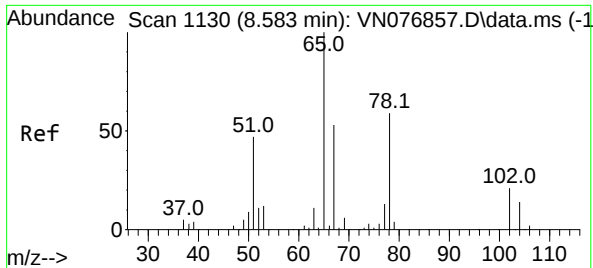


#32
1,1,1-Trichloroethane
Concen: 20.596 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



Tgt Ion: 97 Resp: 196151
Ion Ratio Lower Upper
97 100
99 60.6 51.2 76.8
61 46.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.838 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

Tgt Ion: 65 Resp: 317220

Ion Ratio Lower Upper

65 100

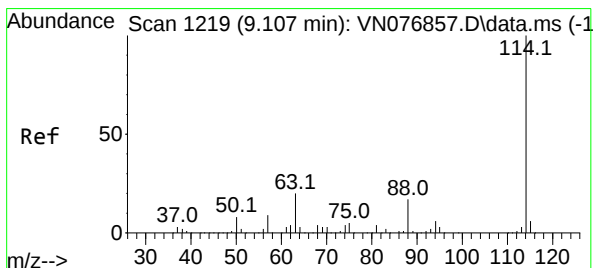
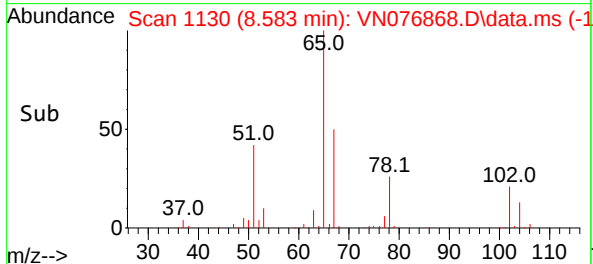
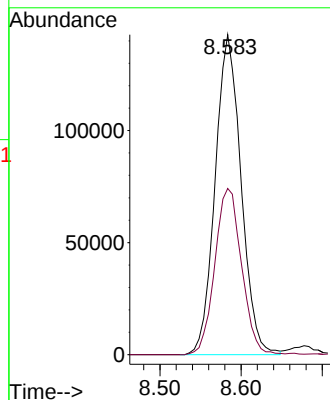
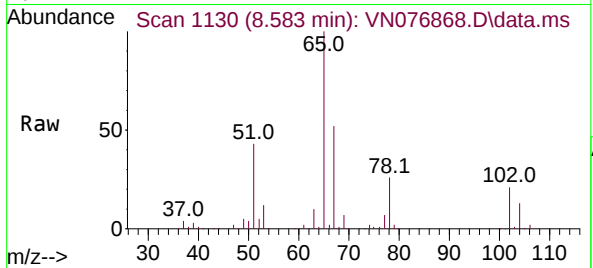
67 53.4 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

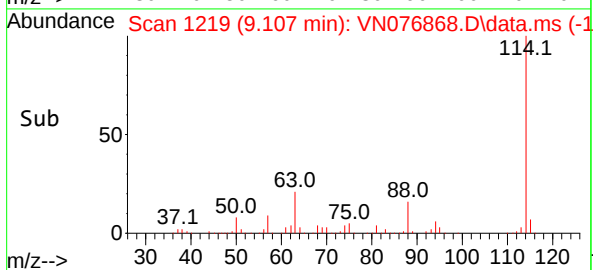
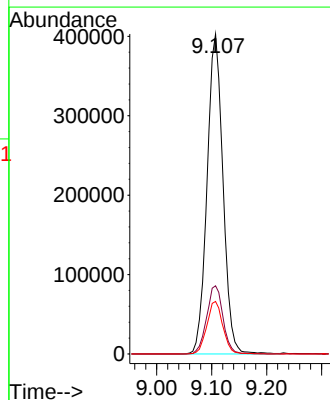
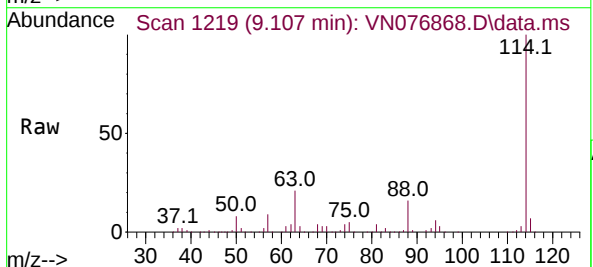
Tgt Ion:114 Resp: 809905

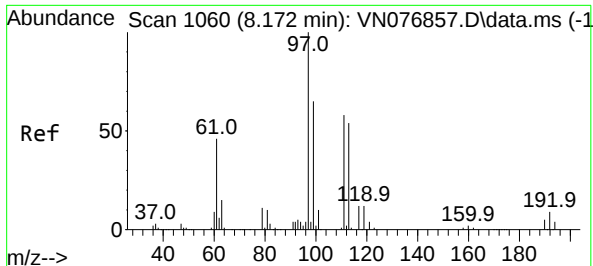
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 16.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.103 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

Tgt Ion:113 Resp: 24372

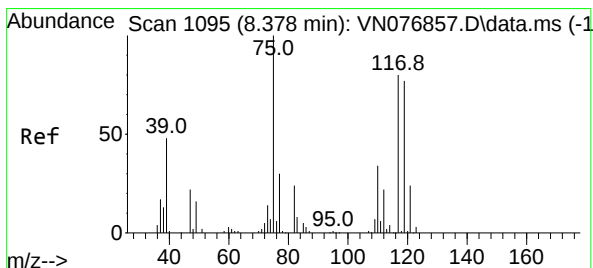
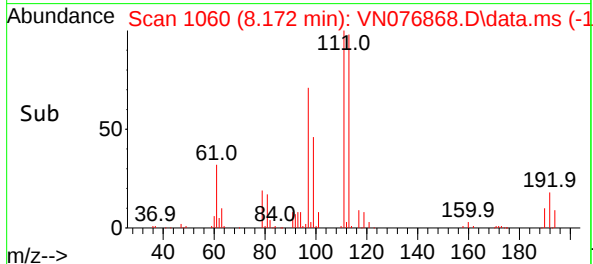
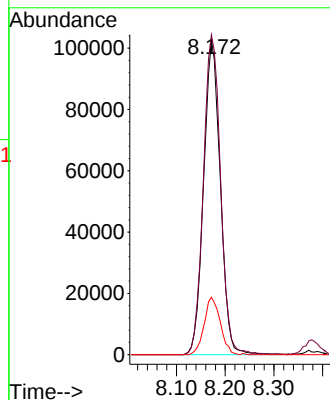
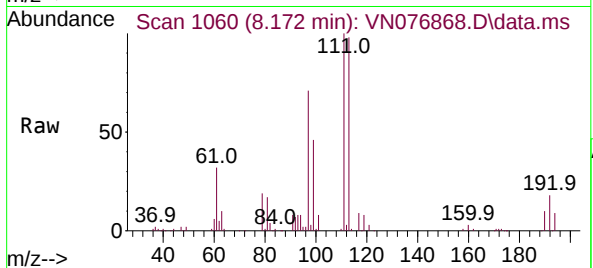
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.8
192	17.6	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#36

1,1-Dichloropropene

Concen: 20.800 ug/l

RT: 8.378 min Scan# 1095

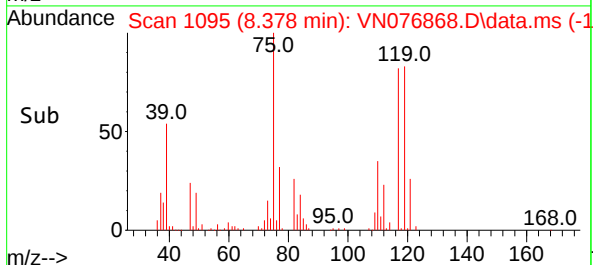
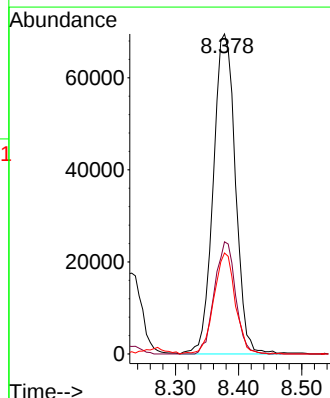
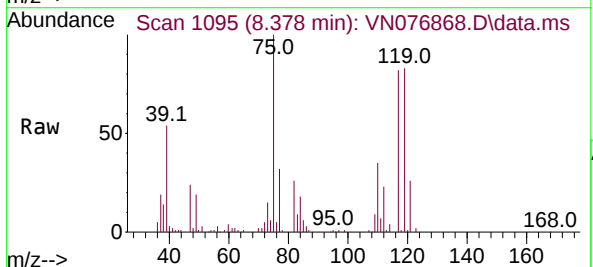
Delta R.T. -0.000 min

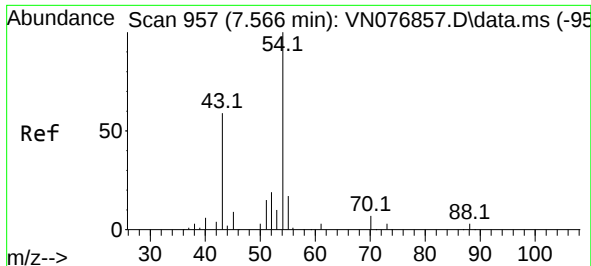
Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Tgt Ion: 75 Resp: 169377

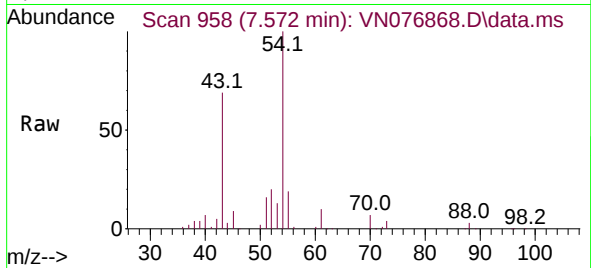
Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.9	56.9
77	30.6	24.9	37.3





#37
Ethyl Acetate
Concen: 21.037 ug/l
RT: 7.572 min Scan# 957
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

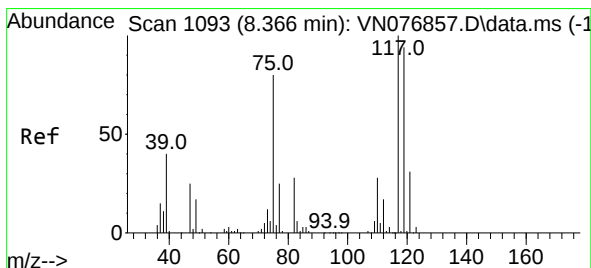
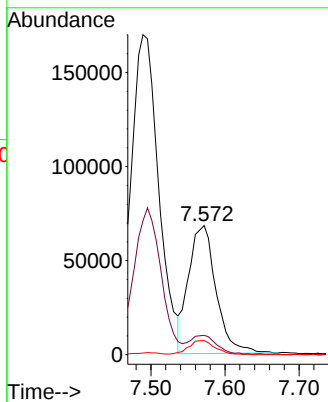
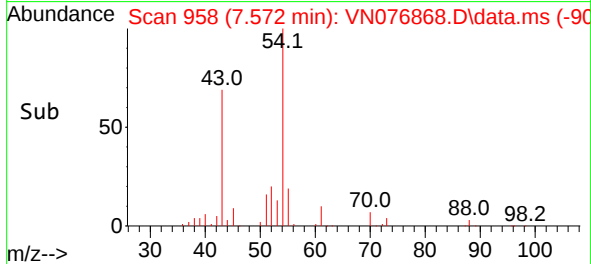
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 43 Resp: 175838
Ion Ratio Lower Upper
43 100
61 14.6 13.5 20.3
70 10.7 11.0 16.6

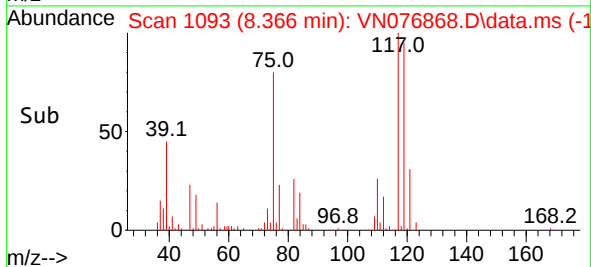
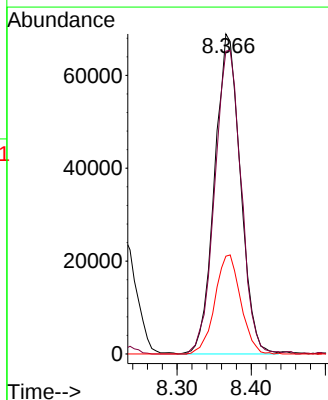
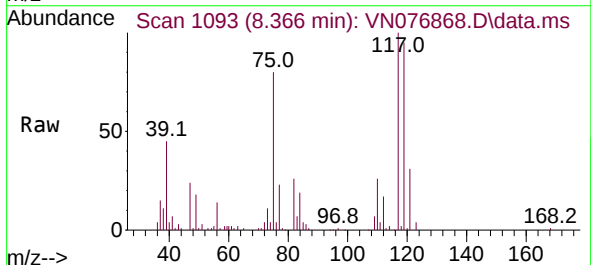
Manual Integrations
APPROVED

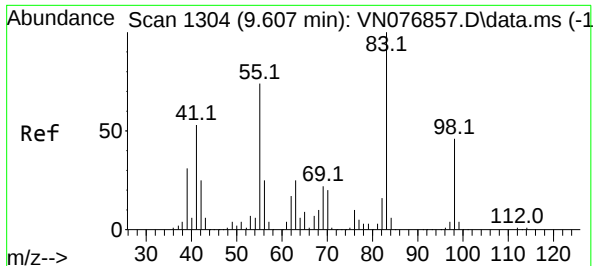
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#38
Carbon Tetrachloride
Concen: 20.128 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion:117 Resp: 166507
Ion Ratio Lower Upper
117 100
119 94.7 76.9 115.3
121 30.5 23.2 34.8





#39

Methylcyclohexane

Concen: 20.908 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

Tgt Ion: 83 Resp: 20986

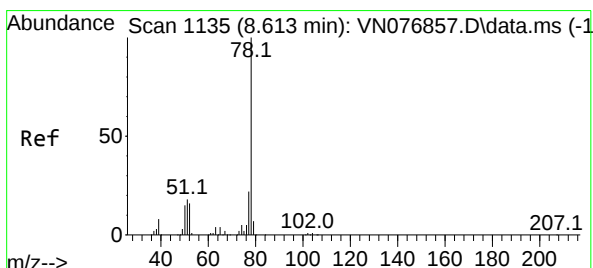
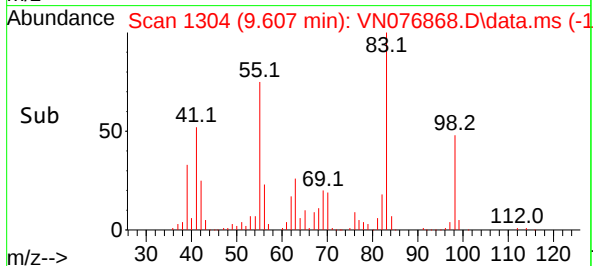
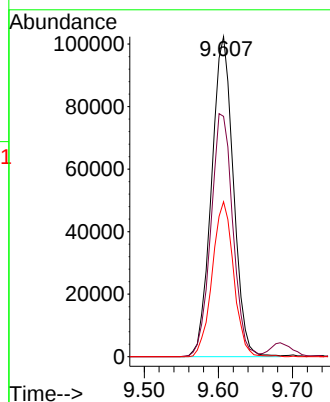
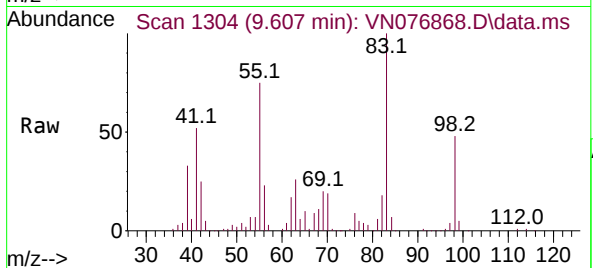
Ion	Ratio	Lower	Upper
83	100		
55	75.1	47.0	70.4
98	48.4	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#40

Benzene

Concen: 20.939 ug/l

RT: 8.613 min Scan# 1135

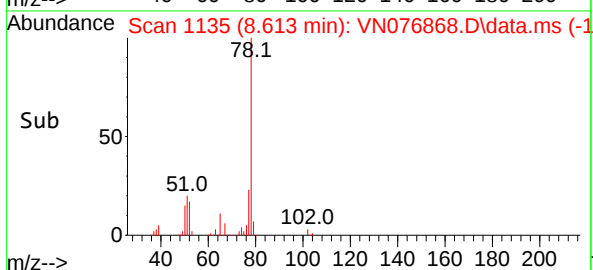
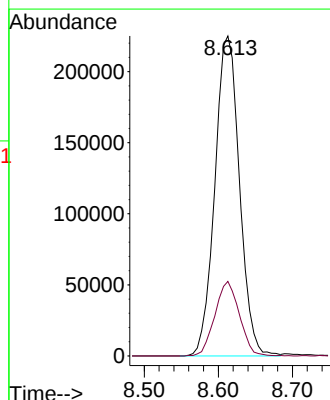
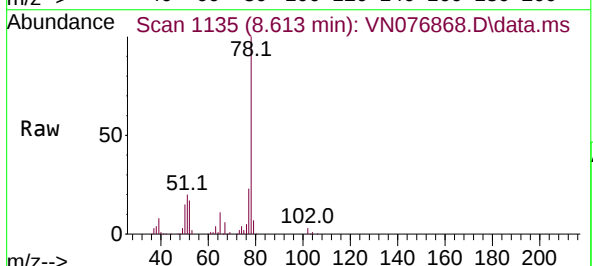
Delta R.T. -0.000 min

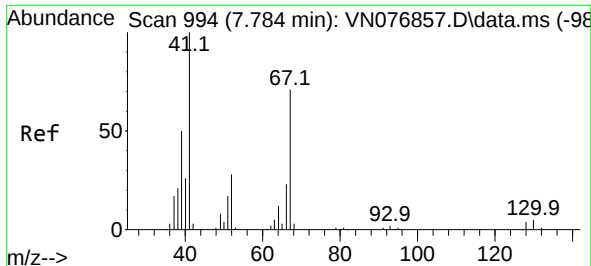
Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Tgt Ion: 78 Resp: 519408

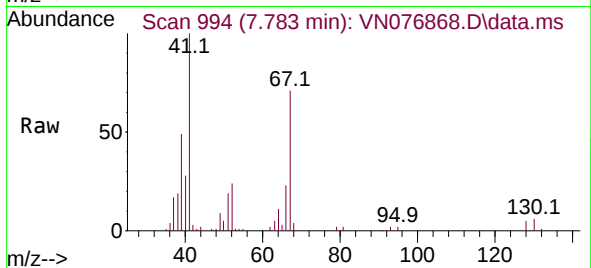
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41
Methacrylonitrile
Concen: 21.240 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

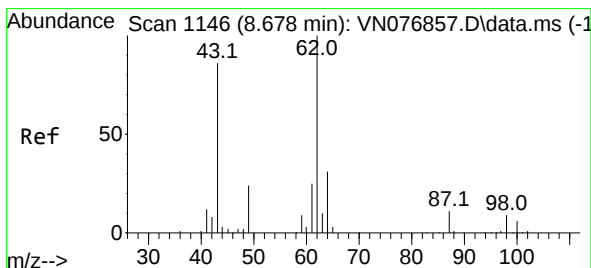
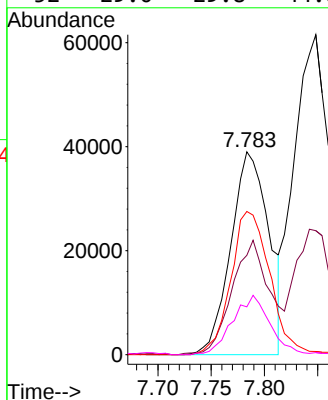
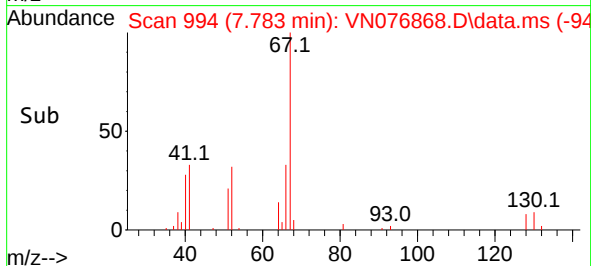
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 41 Resp: 96948
Ion Ratio Lower Upper
41 100
39 56.8 43.4 65.0
67 72.5 78.6 118.0
52 29.0 29.8 44.8#

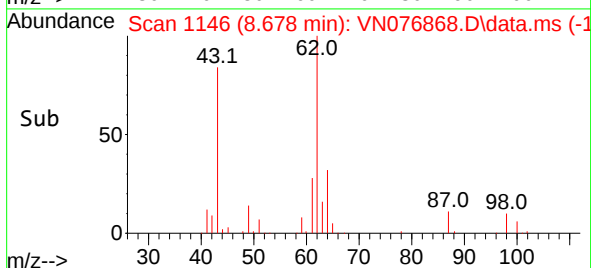
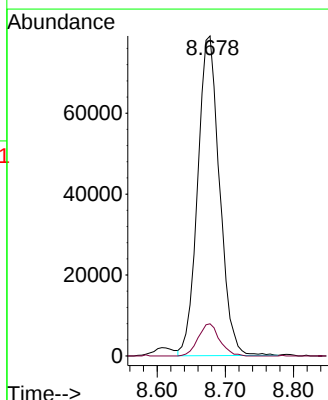
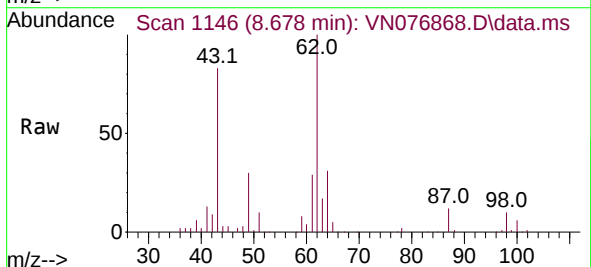
Manual Integrations
APPROVED

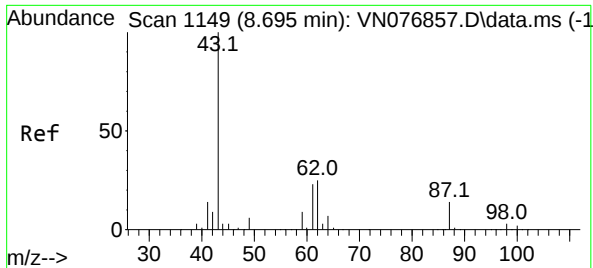
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#42
1,2-Dichloroethane
Concen: 20.370 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

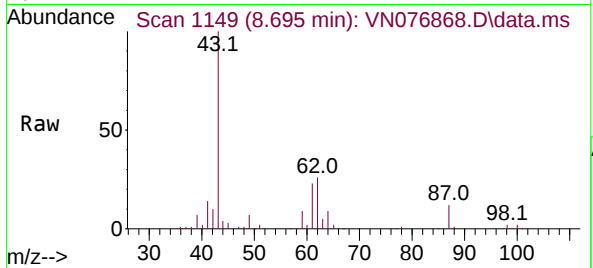
Tgt Ion: 62 Resp: 176021
Ion Ratio Lower Upper
62 100
98 9.9 0.0 21.8





#43
Isopropyl Acetate
Concen: 21.575 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

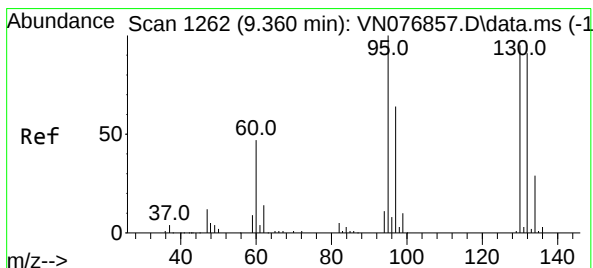
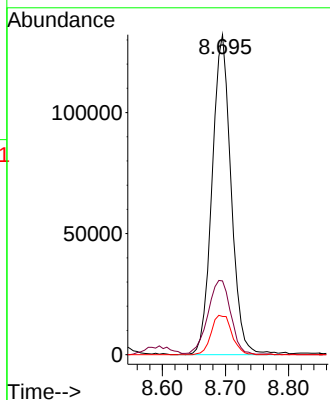
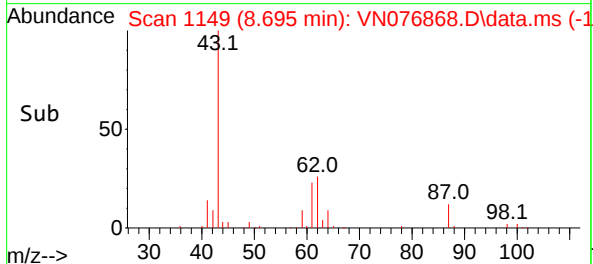
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



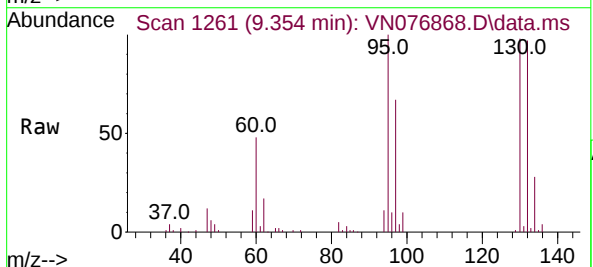
Tgt Ion: 43 Resp: 276079
Ion Ratio Lower Upper
43 100
61 27.3 26.2 39.2
87 13.3 14.8 22.2

Manual Integrations
APPROVED

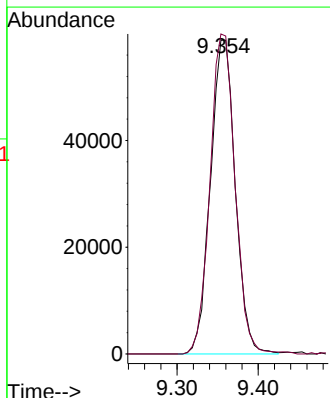
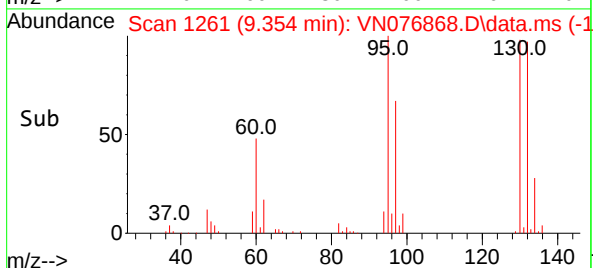
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

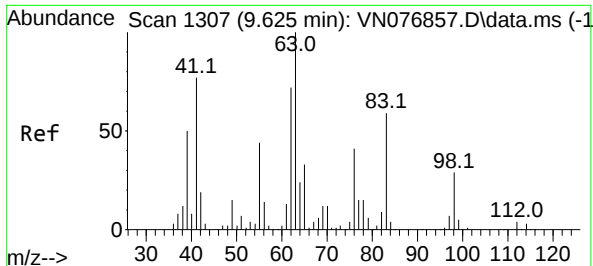


#44
Trichloroethene
Concen: 21.283 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



Tgt Ion:130 Resp: 125177
Ion Ratio Lower Upper
130 100
95 102.0 0.0 208.6





#45

1,2-Dichloropropane

Concen: 21.273 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

Tgt Ion: 63 Resp: 136362

Ion Ratio Lower Upper

63 100

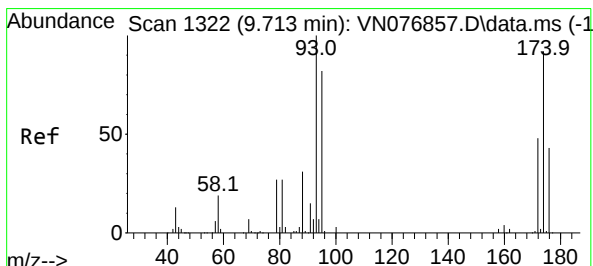
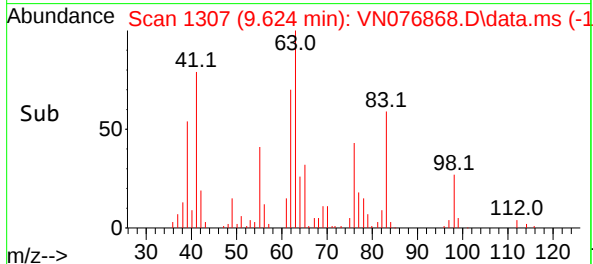
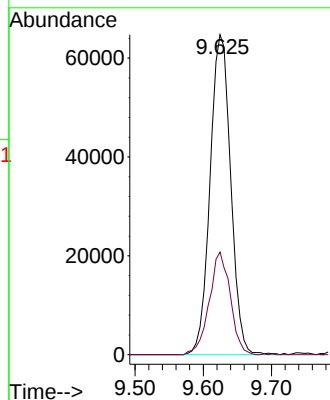
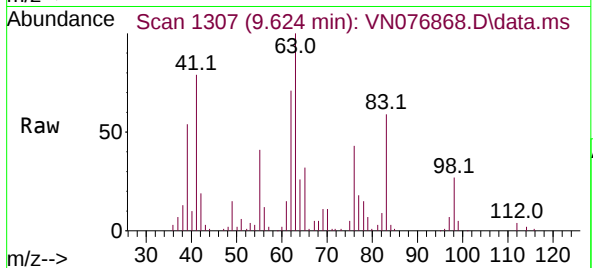
65 32.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#46

Dibromomethane

Concen: 21.432 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

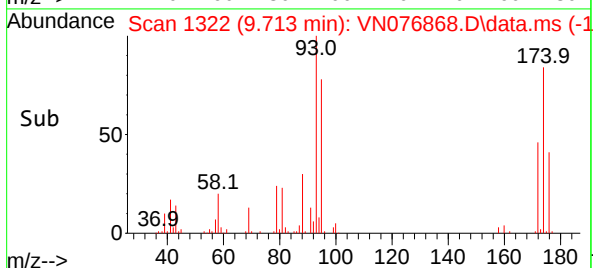
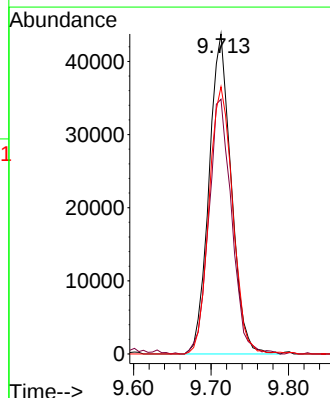
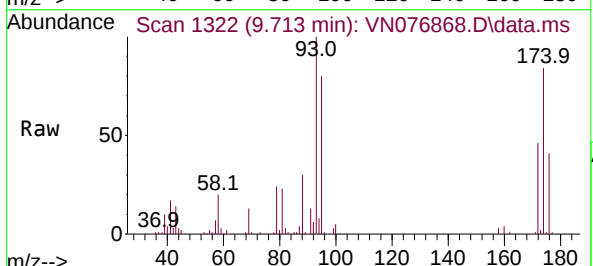
Tgt Ion: 93 Resp: 87257

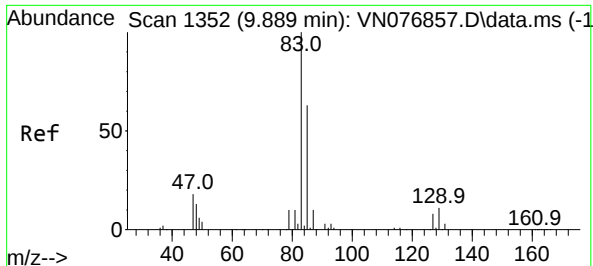
Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

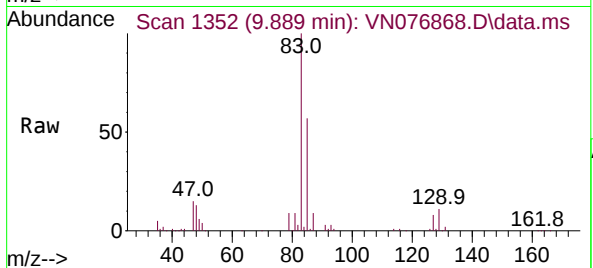
174 88.2 69.3 103.9





#47
Bromodichloromethane
Concen: 21.047 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

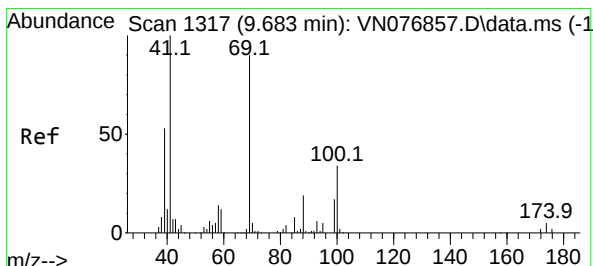
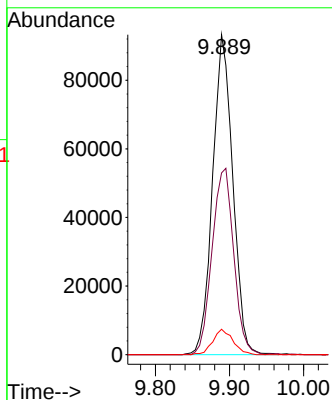
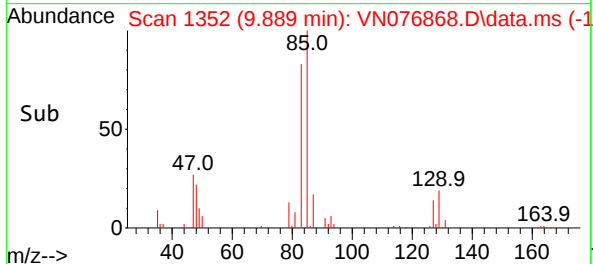
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



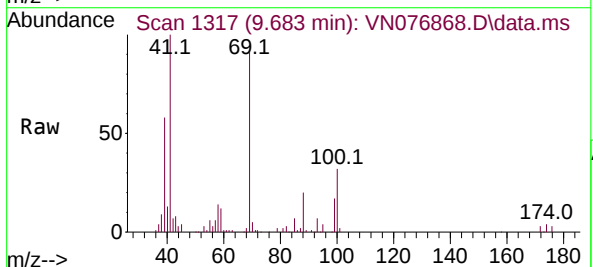
Tgt Ion: 83 Resp: 17616
Ion Ratio Lower Upper
83 100
85 56.8 52.6 78.8
127 7.9 7.0 10.6

Manual Integrations
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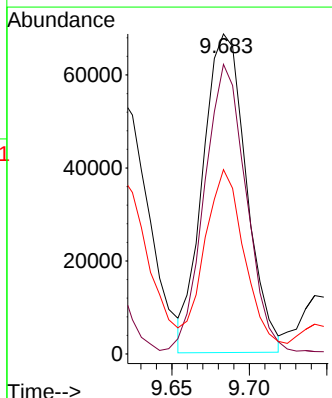
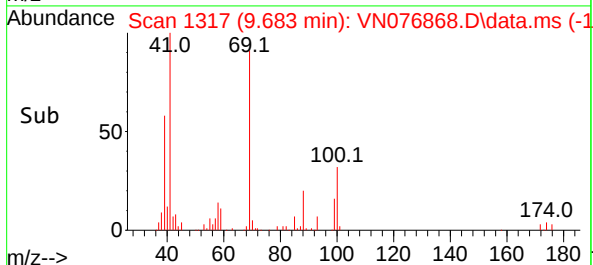
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

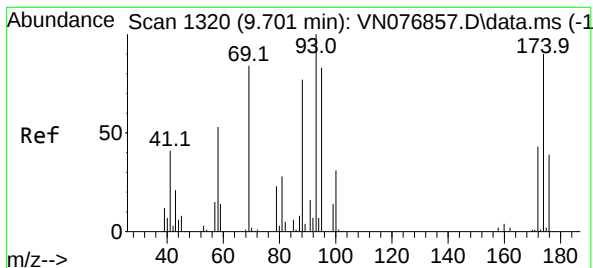


#48
Methyl methacrylate
Concen: 21.507 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



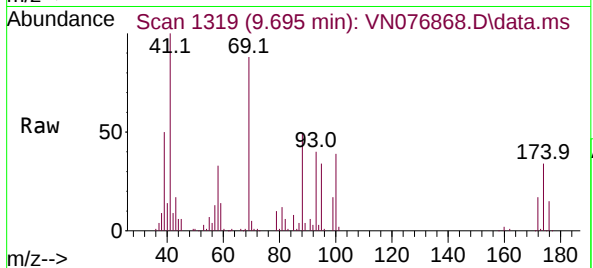
Tgt Ion: 41 Resp: 133731
Ion Ratio Lower Upper
41 100
69 88.3 92.6 139.0#
39 54.9 51.4 77.0





#49
1,4-Dioxane
Concen: 424.302 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

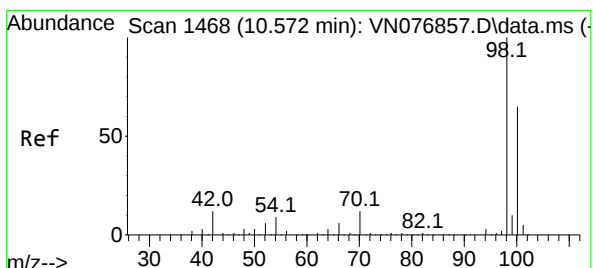
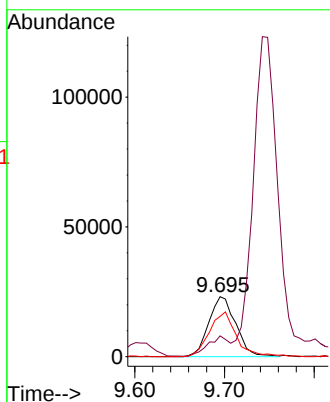
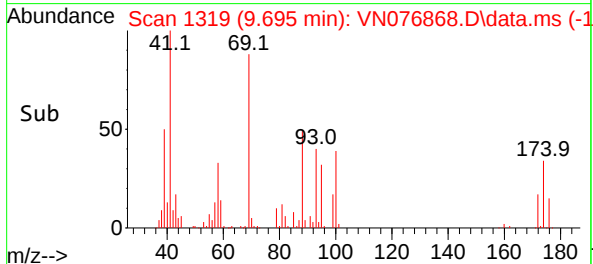
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



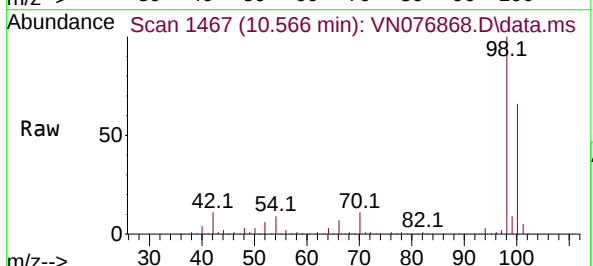
Tgt Ion: 88 Resp: 48350
Ion Ratio Lower Upper
88 100
43 26.4 15.3 22.9
58 75.1 47.6 71.4

Manual Integrations
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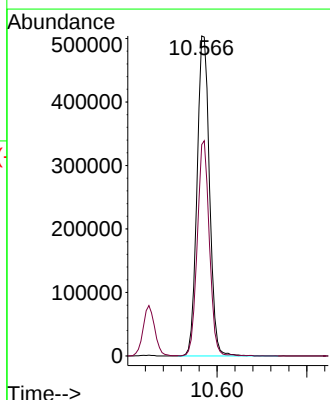
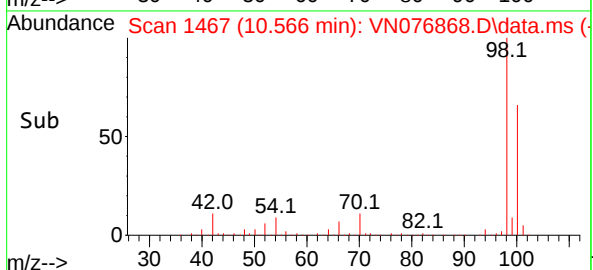
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

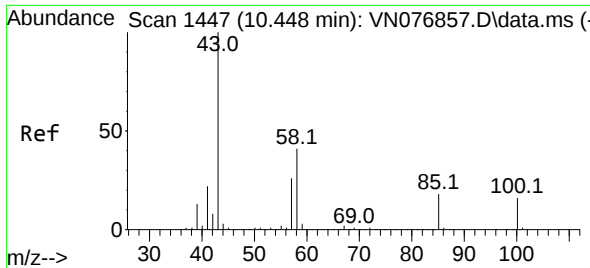


#50
Toluene-d8
Concen: 49.589 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



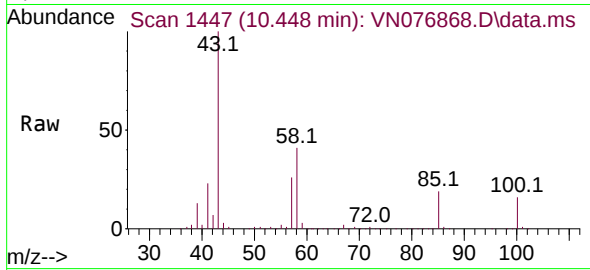
Tgt Ion: 98 Resp: 967979
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 109.942 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

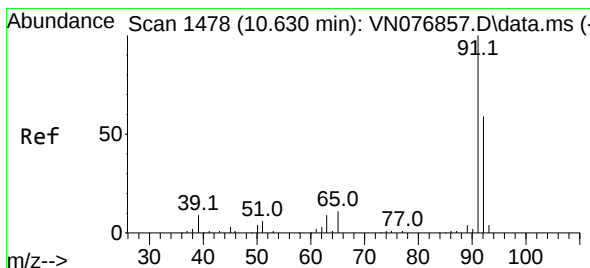
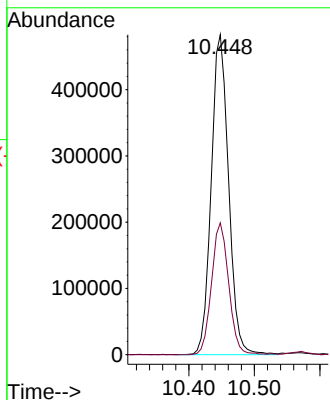
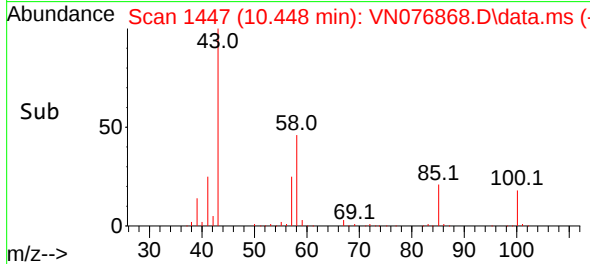
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 43 Resp: 887370
Ion Ratio Lower Upper
43 100
58 40.8 37.4 56.0

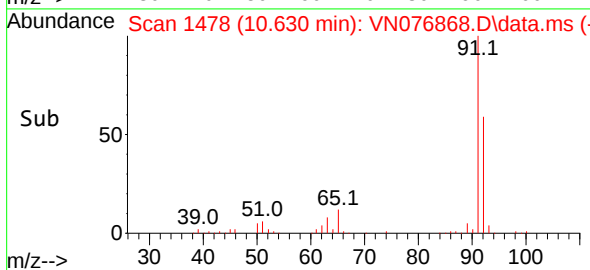
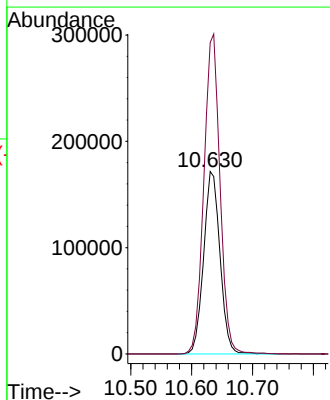
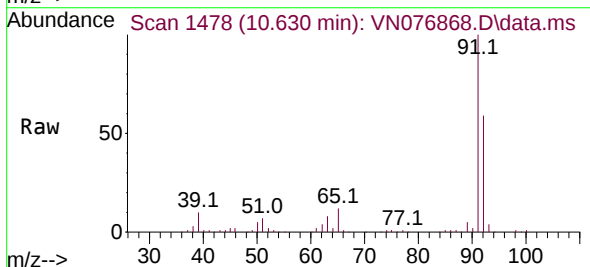
Manual Integrations
APPROVED

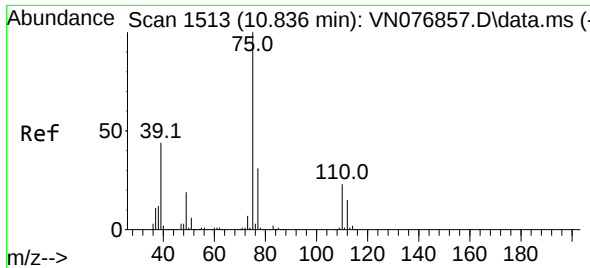
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#52
Toluene
Concen: 21.716 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion: 92 Resp: 320744
Ion Ratio Lower Upper
92 100
91 172.9 138.2 207.2





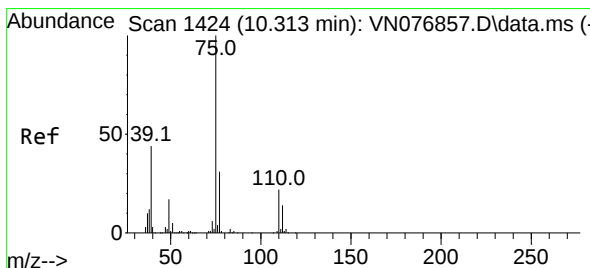
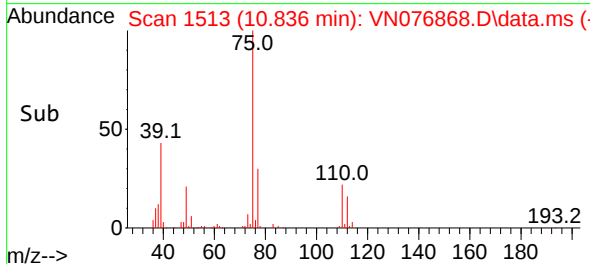
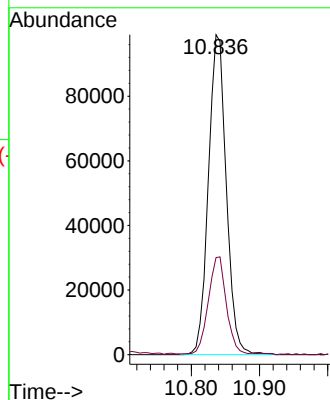
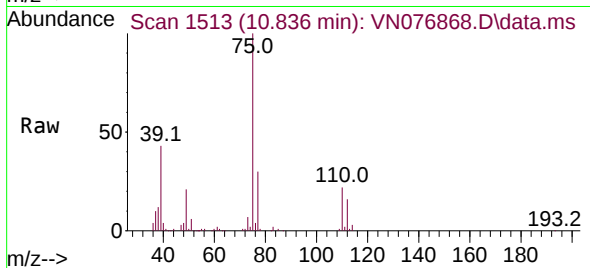
#53
t-1,3-Dichloropropene
Concen: 22.263 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02

Tgt Ion: 75 Resp: 180629
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6

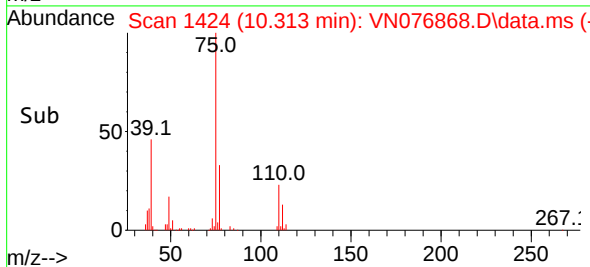
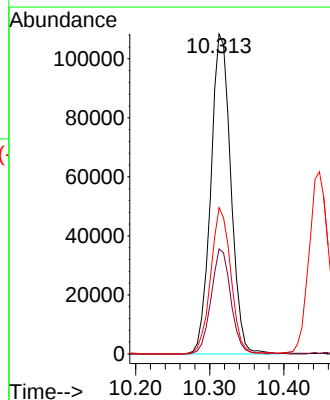
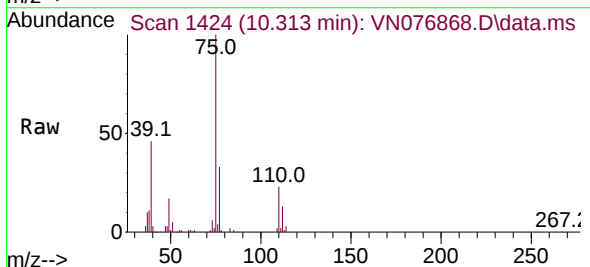
Manual Integrations
APPROVED

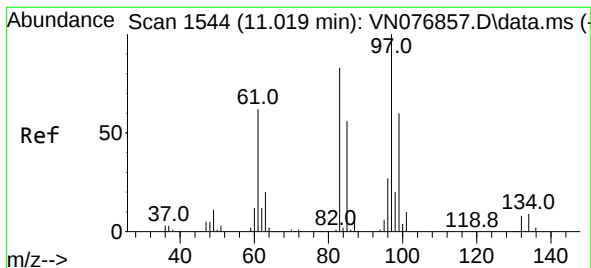
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#54
cis-1,3-Dichloropropene
Concen: 21.883 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

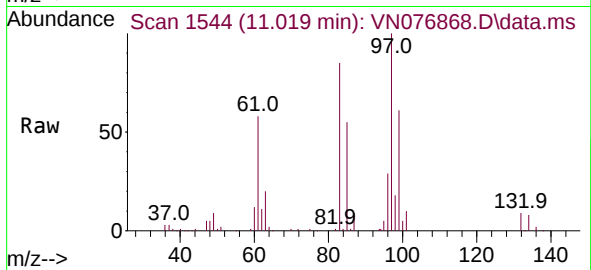
Tgt Ion: 75 Resp: 203932
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5
39 45.7 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 21.624 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

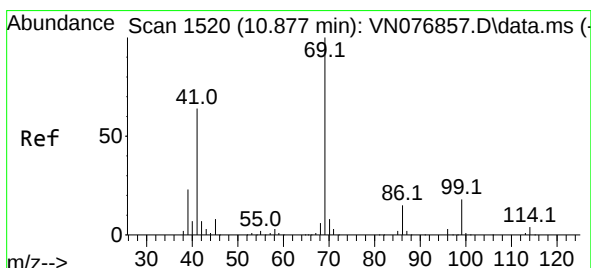
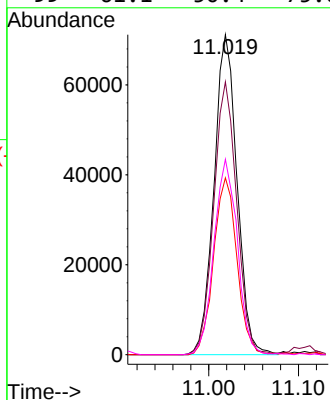
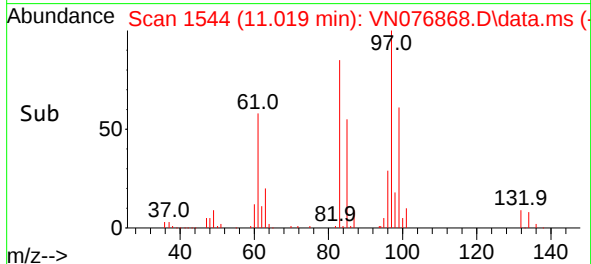
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 97 Resp: 127050
Ion Ratio Lower Upper
97 100
83 85.3 67.1 100.7
85 55.2 41.8 62.8
99 61.1 50.4 75.6

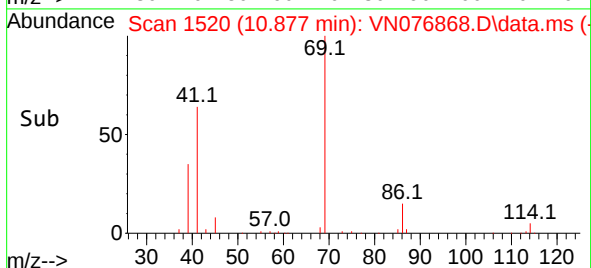
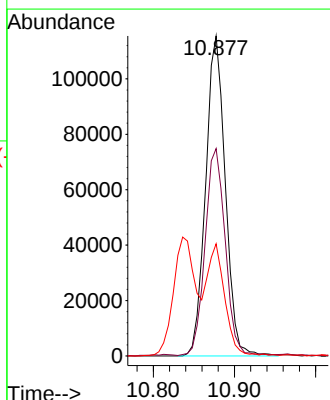
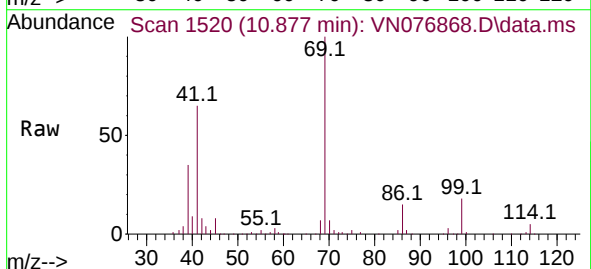
Manual Integrations
APPROVED

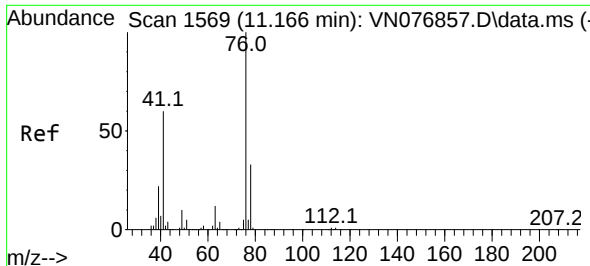
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#56
Ethyl methacrylate
Concen: 22.198 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

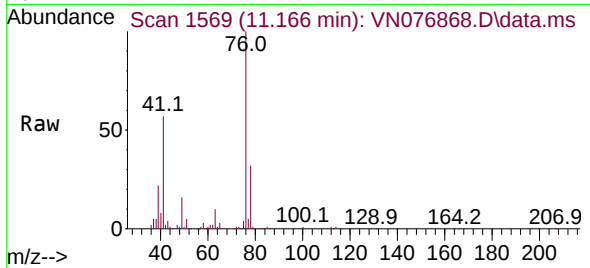
Tgt Ion: 69 Resp: 194331
Ion Ratio Lower Upper
69 100
41 66.1 38.0 57.0#
39 31.0 22.4 33.6





#57
1,3-Dichloropropane
Concen: 21.845 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

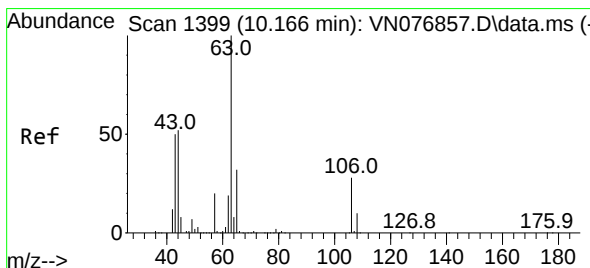
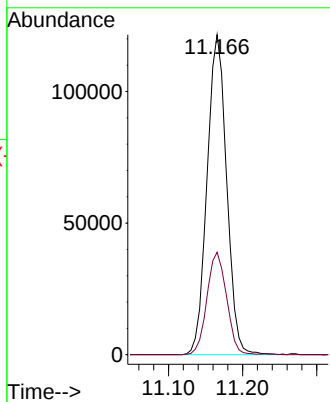
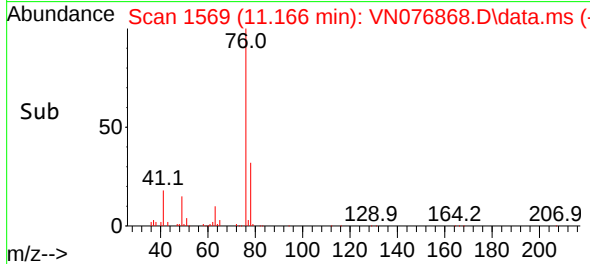
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion: 76 Resp: 222850
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

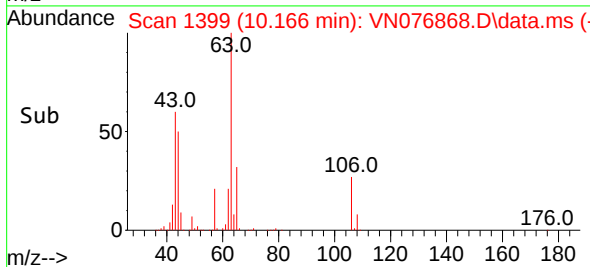
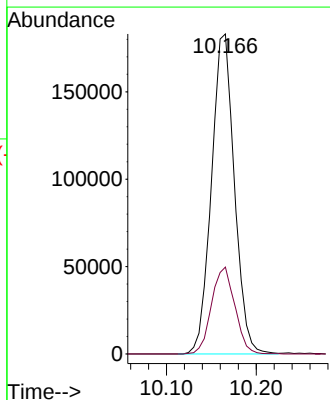
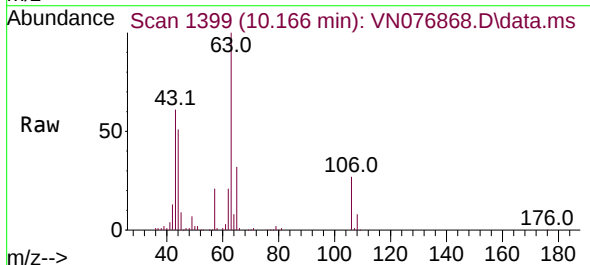
Manual Integrations
APPROVED

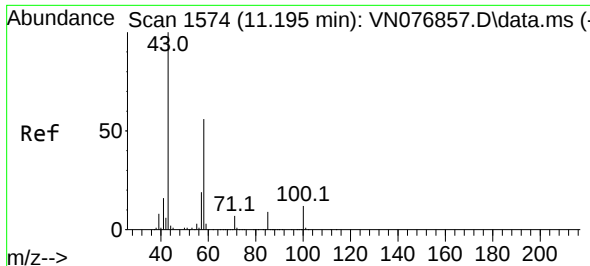
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 107.223 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion: 63 Resp: 325239
Ion Ratio Lower Upper
63 100
106 27.6 25.6 38.4





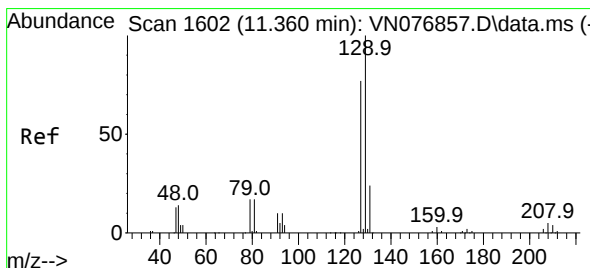
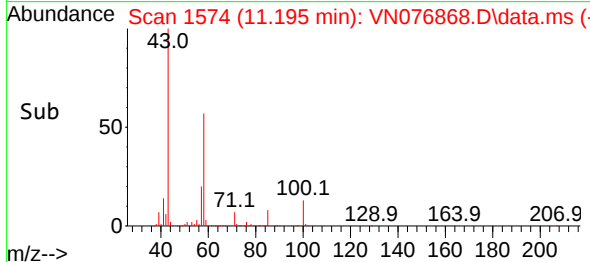
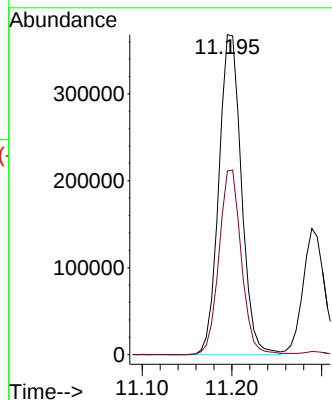
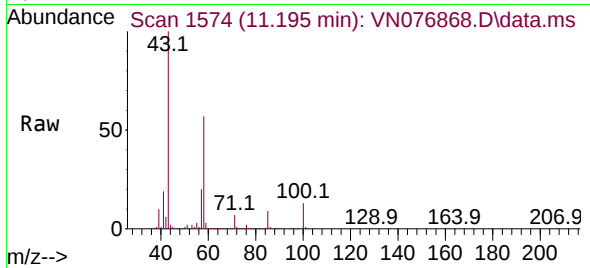
#59
2-Hexanone
Concen: 110.225 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02

Tgt Ion: 43 Resp: 64466
Ion Ratio Lower Upper
43 100
58 57.0 32.6 98.0

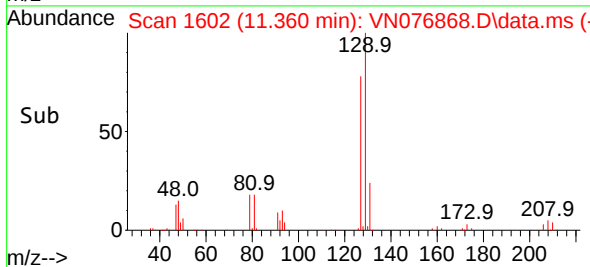
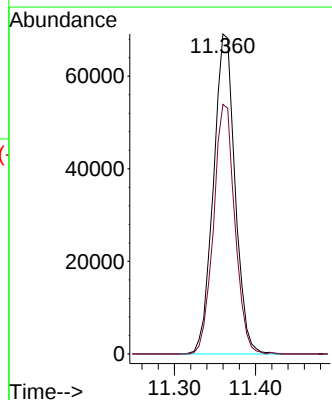
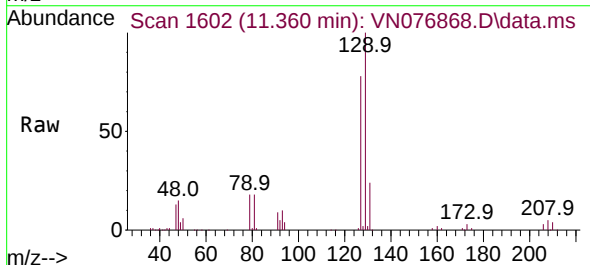
Manual Integrations
APPROVED

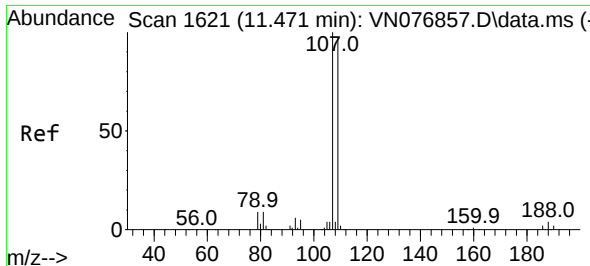
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#60
Dibromochloromethane
Concen: 22.096 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

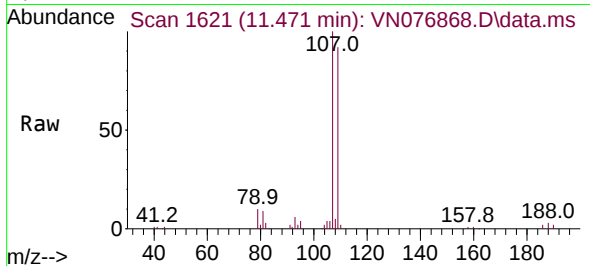
Tgt Ion:129 Resp: 127932
Ion Ratio Lower Upper
129 100
127 76.8 39.6 118.8





#61
1,2-Dibromoethane
Concen: 21.850 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

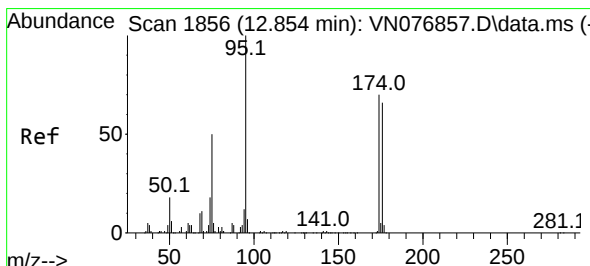
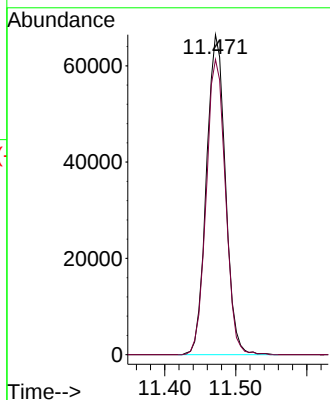
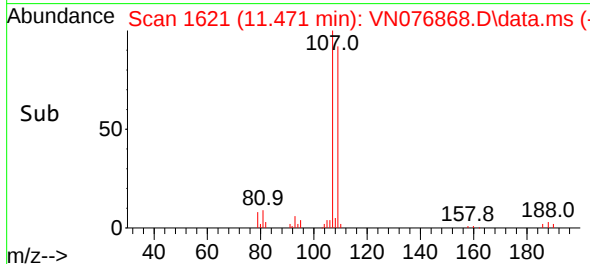
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



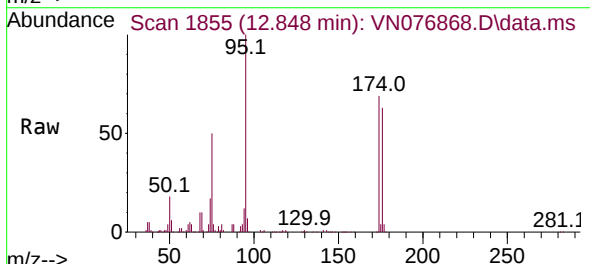
Tgt Ion:107 Resp: 12339
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9

Manual Integrations
APPROVED

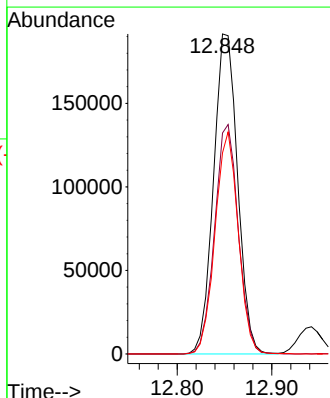
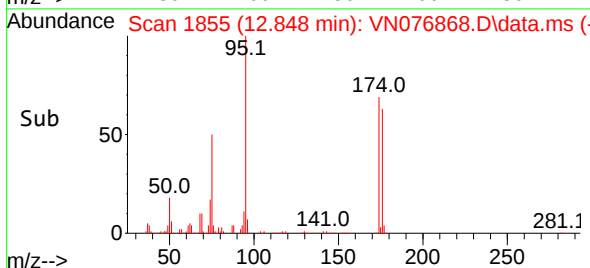
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

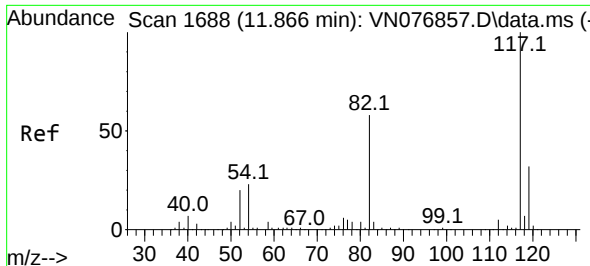


#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



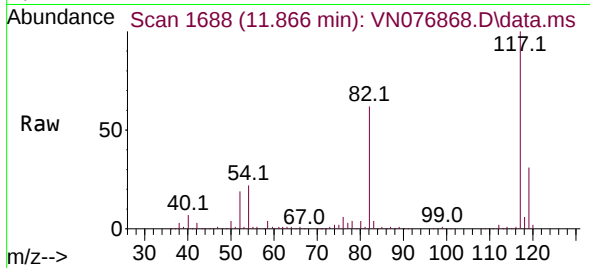
Tgt Ion: 95 Resp: 338429
Ion Ratio Lower Upper
95 100
174 70.7 0.0 162.4
176 66.7 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

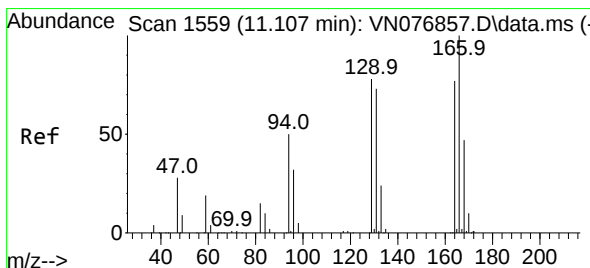
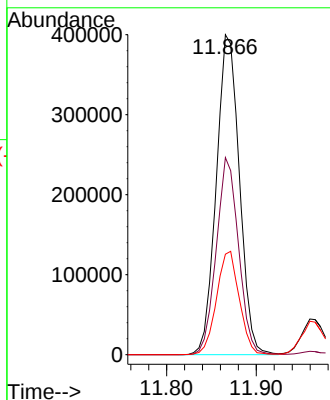
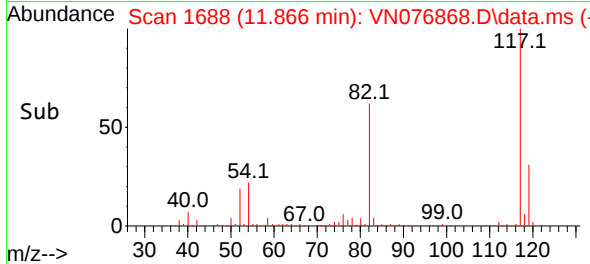
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion:117 Resp: 716624
Ion Ratio Lower Upper
117 100
82 61.6 43.5 65.3
119 31.4 25.5 38.3

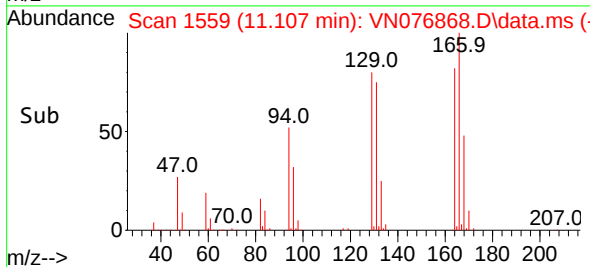
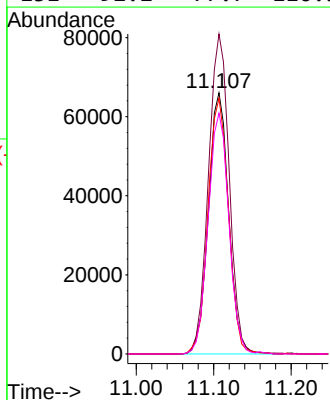
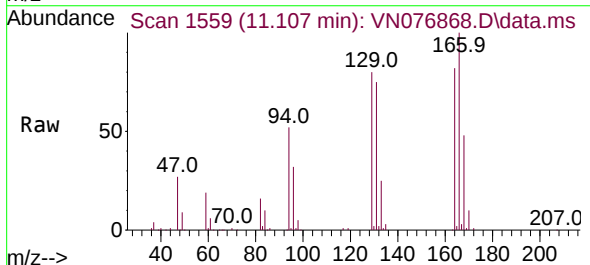
Manual Integrations
APPROVED

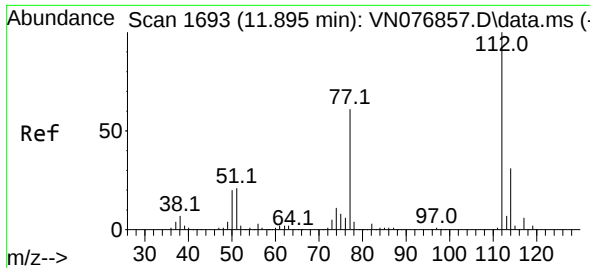
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#64
Tetrachloroethene
Concen: 22.492 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion:164 Resp: 119952
Ion Ratio Lower Upper
164 100
166 122.5 102.7 154.1
129 97.9 81.5 122.3
131 92.2 77.7 116.5





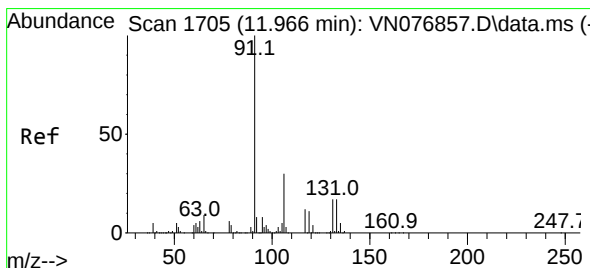
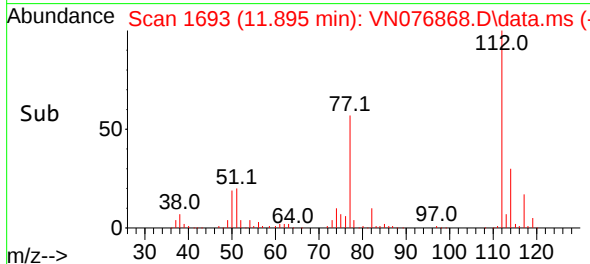
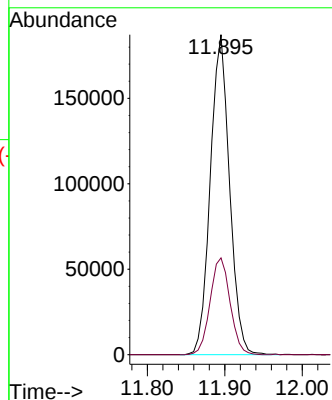
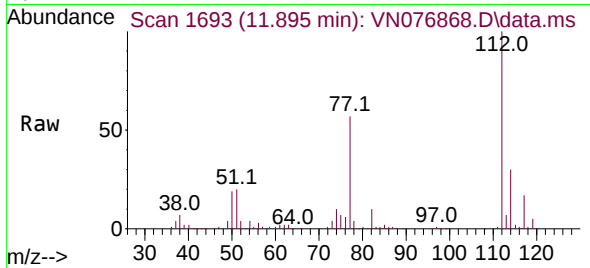
#65
Chlorobenzene
Concen: 20.820 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02

Tgt Ion:112 Resp: 322439
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.8

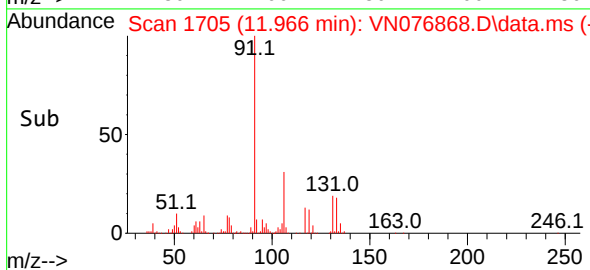
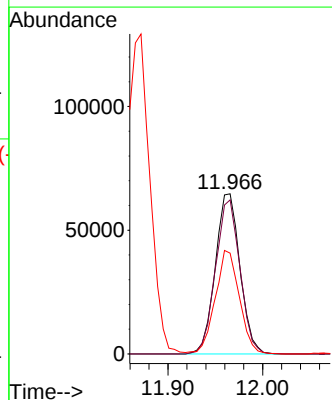
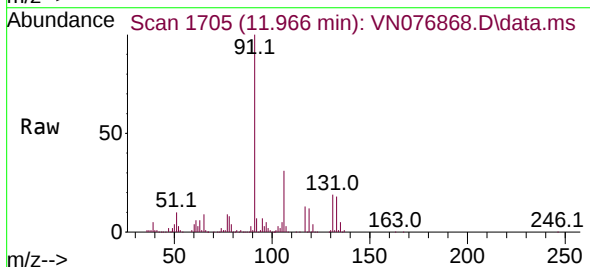
Manual Integrations
APPROVED

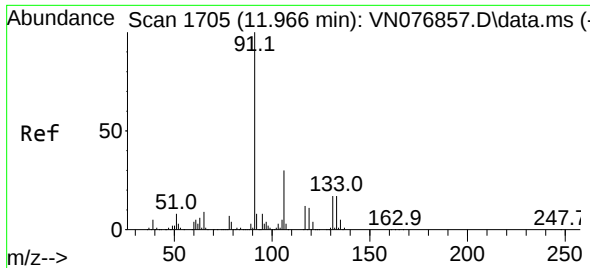
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.930 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

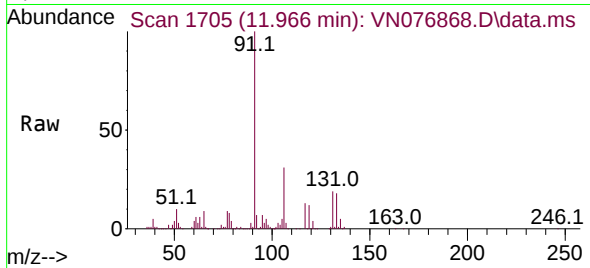
Tgt Ion:131 Resp: 117252
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 63.4 33.1 99.2





#67
Ethyl Benzene
Concen: 21.276 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

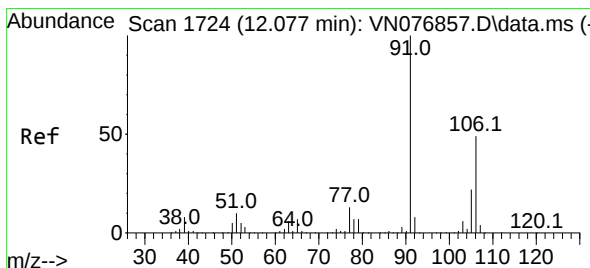
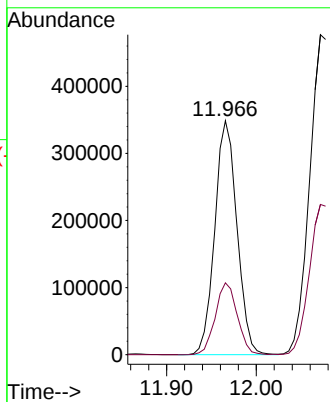
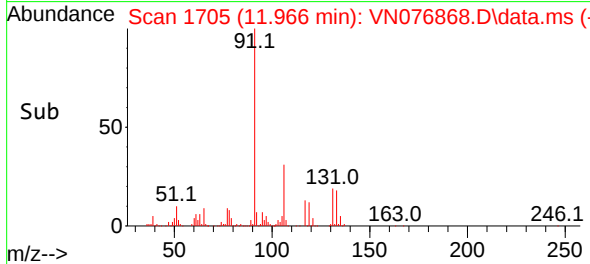
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



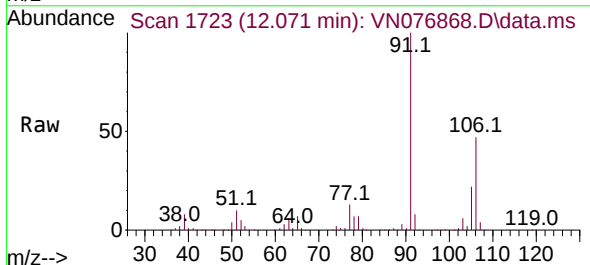
Tgt Ion: 91 Resp: 59830
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

Manual Integrations
APPROVED

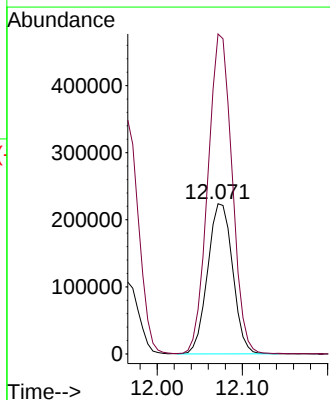
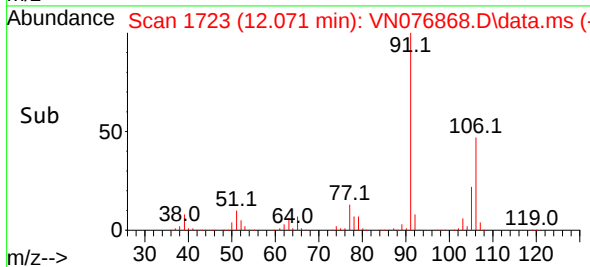
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

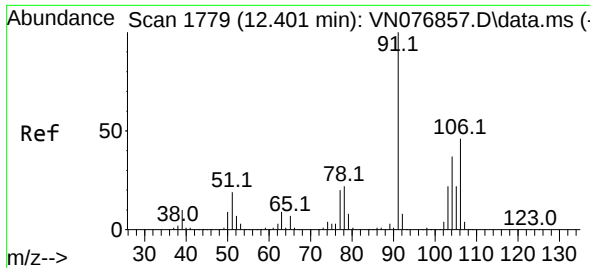


#68
m/p-Xylenes
Concen: 43.116 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



Tgt Ion:106 Resp: 456160
Ion Ratio Lower Upper
106 100
91 207.0 158.0 237.0





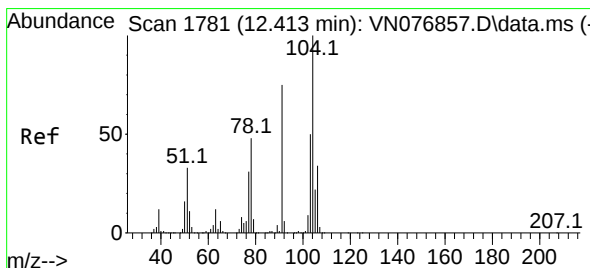
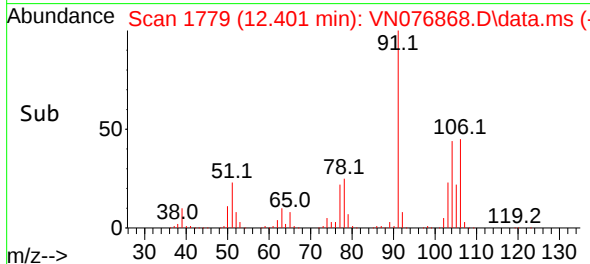
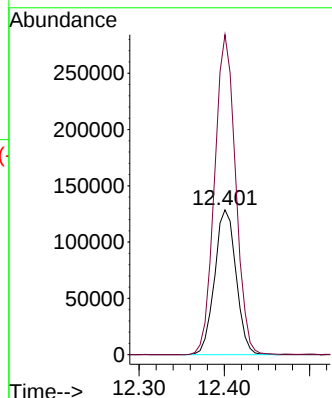
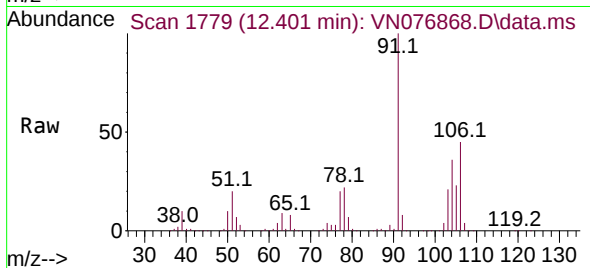
#69
o-Xylene
Concen: 21.582 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02

Tgt Ion:106 Resp: 224852
Ion Ratio Lower Upper
106 100
91 216.5 101.8 305.4

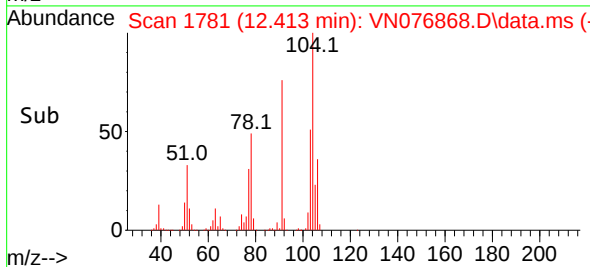
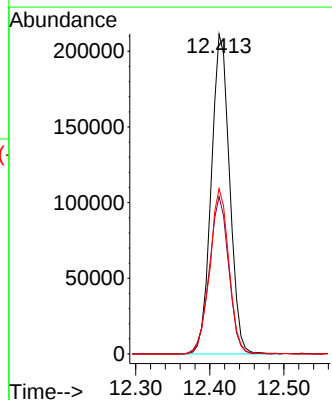
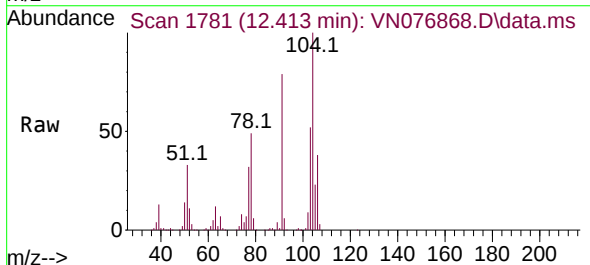
Manual Integrations
APPROVED

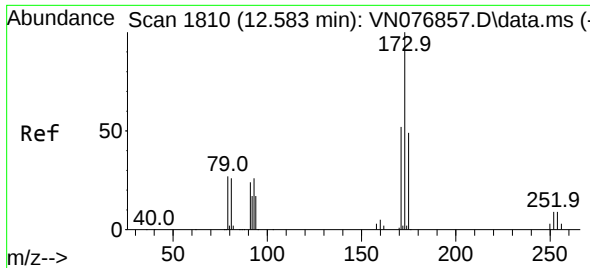
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#70
Styrene
Concen: 22.263 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

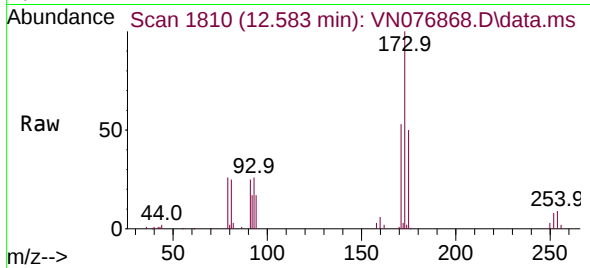
Tgt Ion:104 Resp: 363660
Ion Ratio Lower Upper
104 100
78 51.8 36.6 55.0
103 53.7 43.4 65.0





#71
Bromoform
Concen: 21.748 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

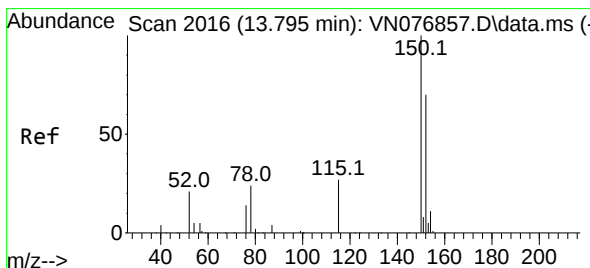
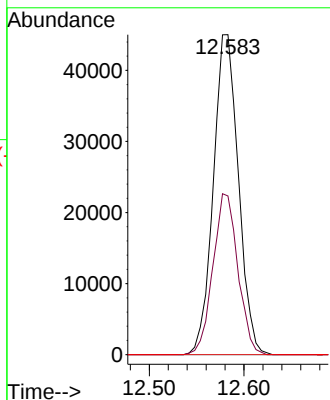
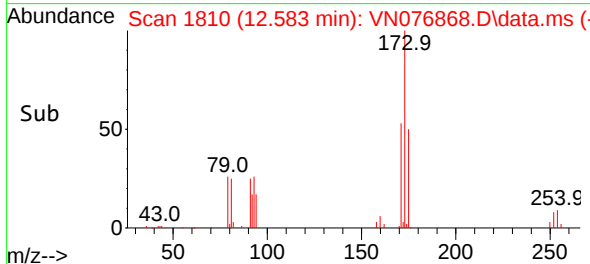
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



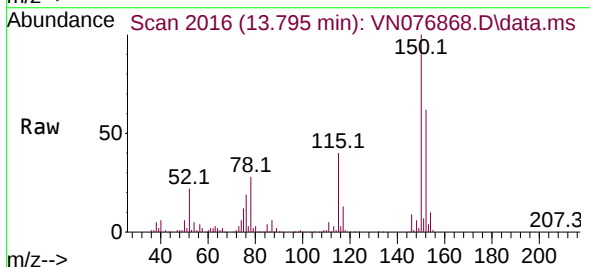
Tgt Ion:173 Resp: 82933
Ion Ratio Lower Upper
173 100
175 50.0 24.9 74.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

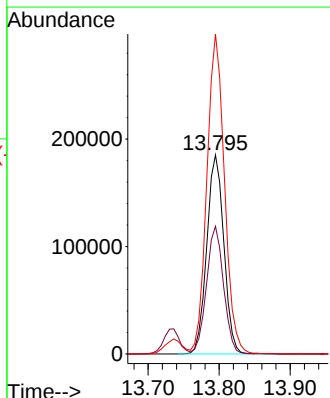
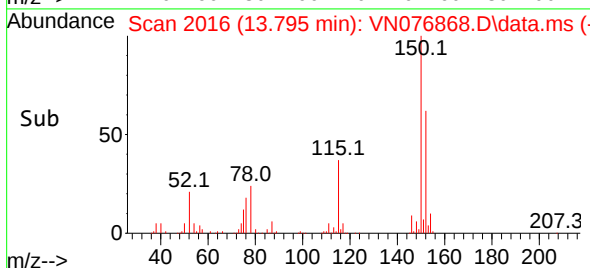
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

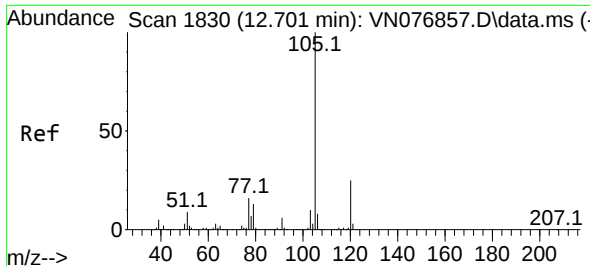


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



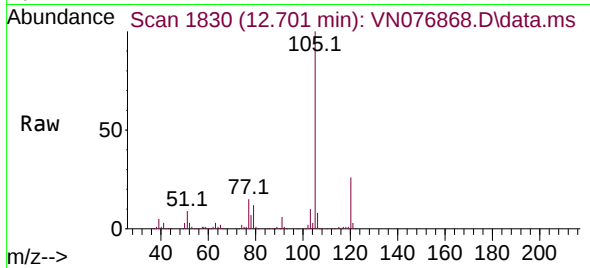
Tgt Ion:152 Resp: 309675
Ion Ratio Lower Upper
152 100
115 63.6 30.3 90.9
150 165.4 0.0 353.6





#73
Isopropylbenzene
Concen: 21.644 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

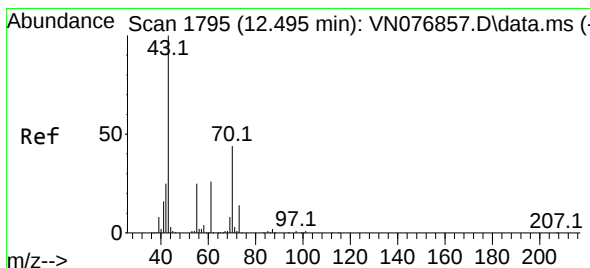
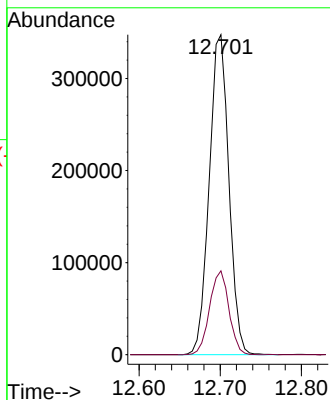
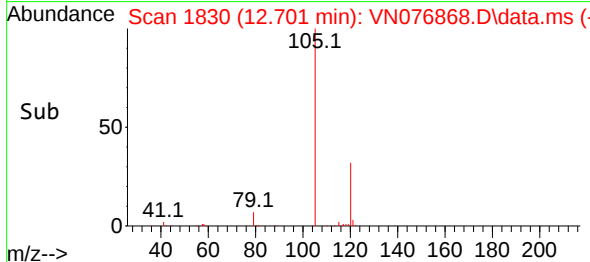
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



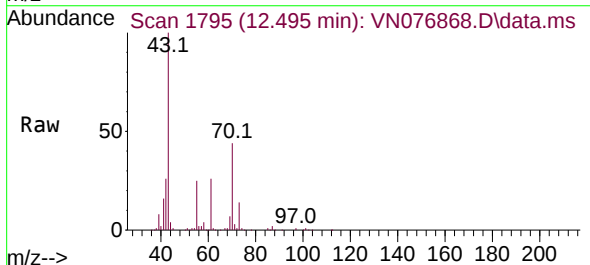
Tgt Ion:105 Resp: 584234
Ion Ratio Lower Upper
105 100
120 25.7 13.8 41.4

Manual Integrations
APPROVED

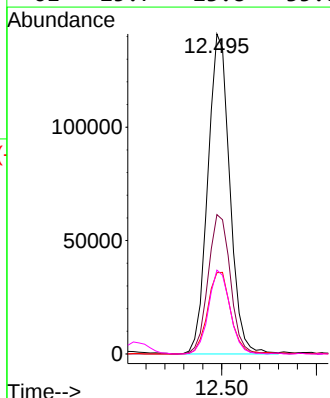
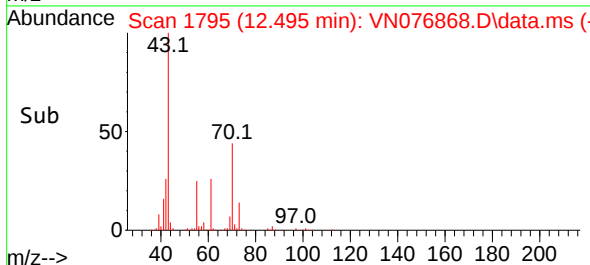
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

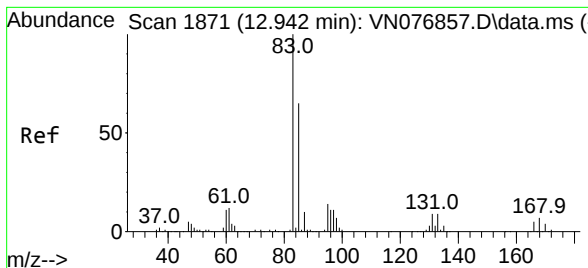


#74
N-ethyl acetate
Concen: 21.469 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



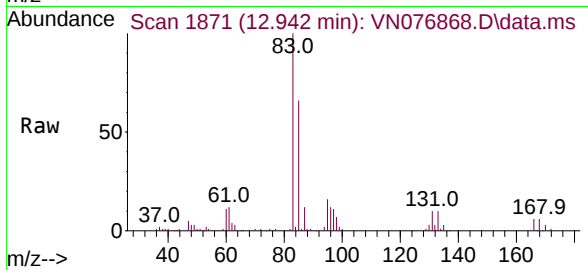
Tgt Ion: 43 Resp: 226649
Ion Ratio Lower Upper
43 100
70 44.5 46.8 70.2#
55 27.1 23.4 35.2
61 25.7 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.509 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

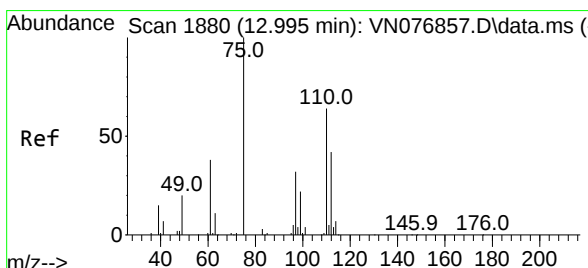
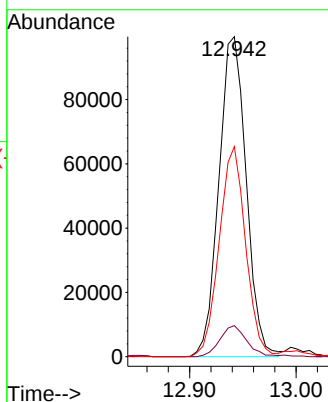
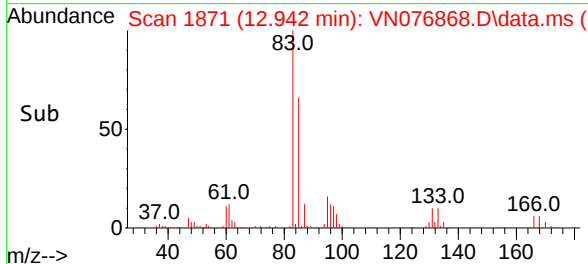
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



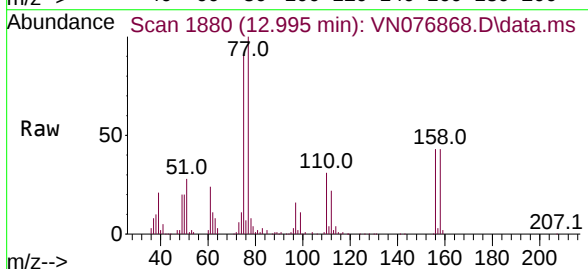
Tgt Ion: 83 Resp: 17742
Ion Ratio Lower Upper
83 100
131 9.8 5.3 16.1
85 63.5 32.0 96.0

Manual Integrations
APPROVED

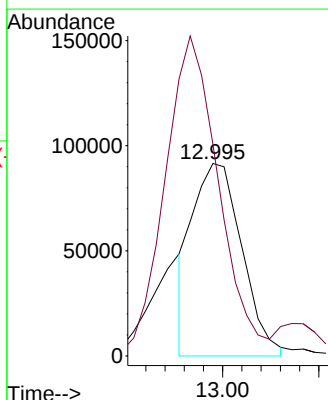
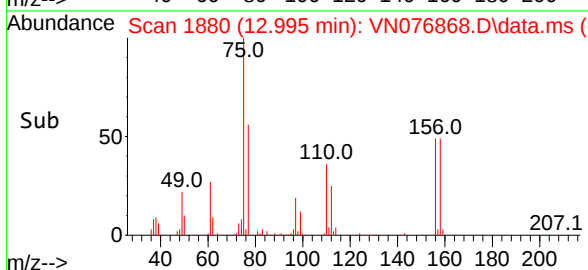
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

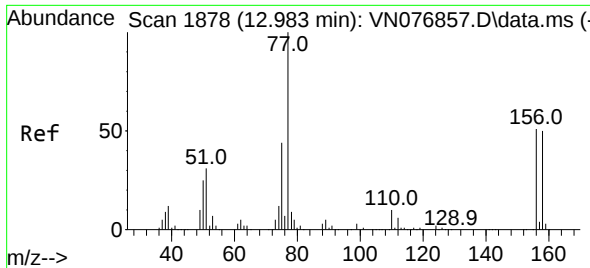


#76
1,2,3-Trichloropropane
Concen: 20.920 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



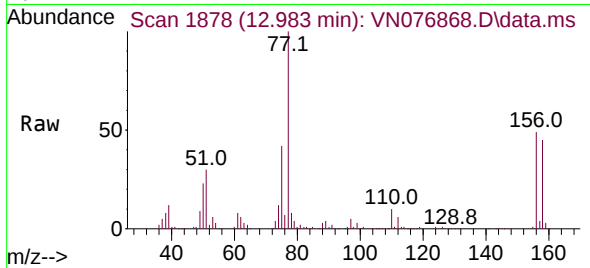
Tgt Ion: 75 Resp: 163384
Ion Ratio Lower Upper
75 100
77 181.3 93.8 281.4





#77
Bromobenzene
Concen: 21.195 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

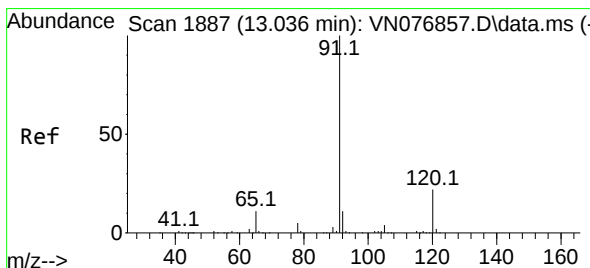
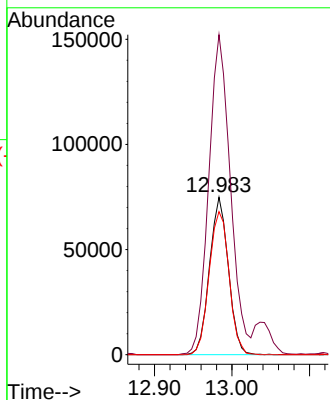
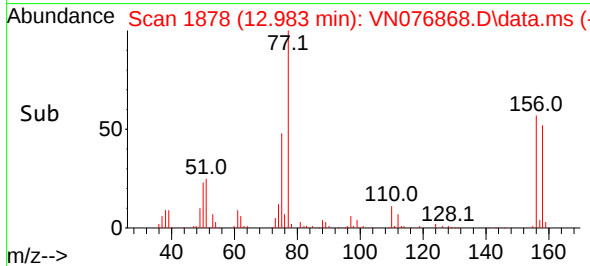
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion:156 Resp: 126604
Ion Ratio Lower Upper
156 100
77 234.0 101.3 303.7
158 95.9 48.9 146.7

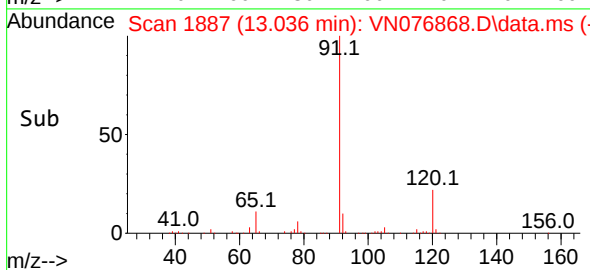
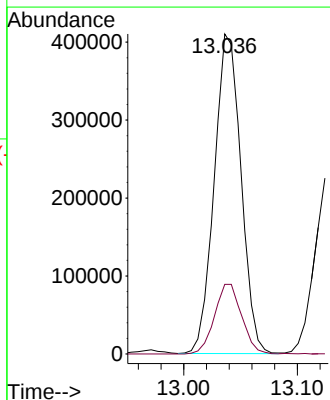
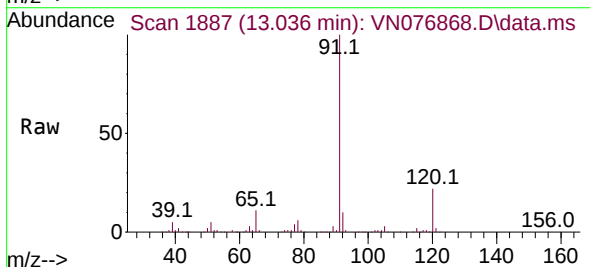
Manual Integrations
APPROVED

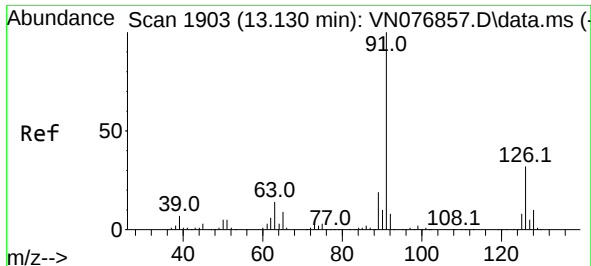
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#78
n-propylbenzene
Concen: 21.820 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion: 91 Resp: 671673
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 20.993 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

Tgt Ion: 91 Resp: 414544

Ion Ratio Lower Upper

91 100

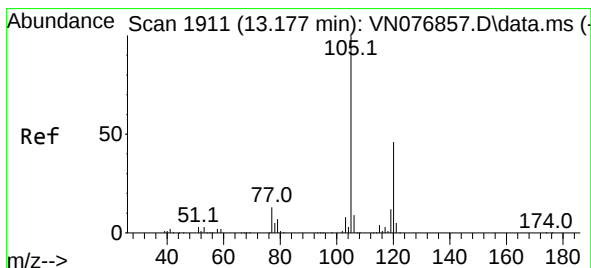
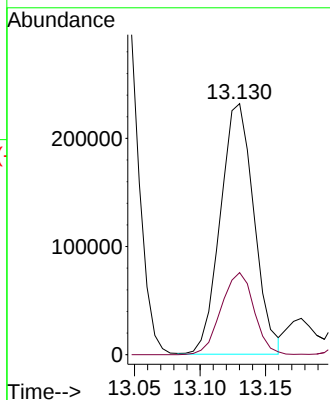
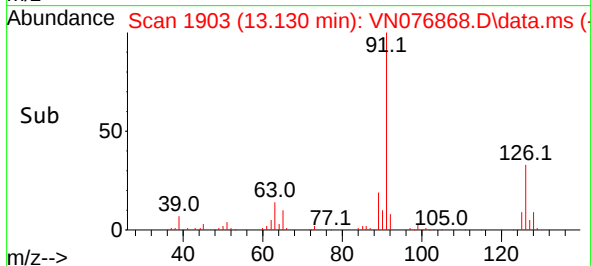
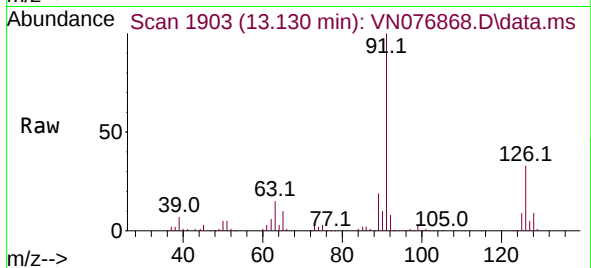
126 32.0 17.7 53.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.812 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076868.D

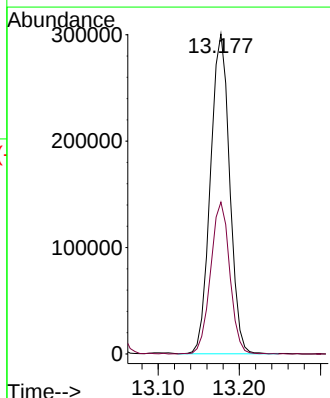
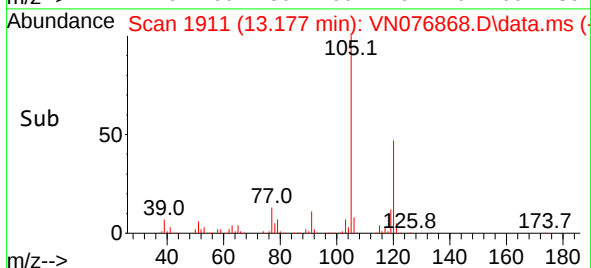
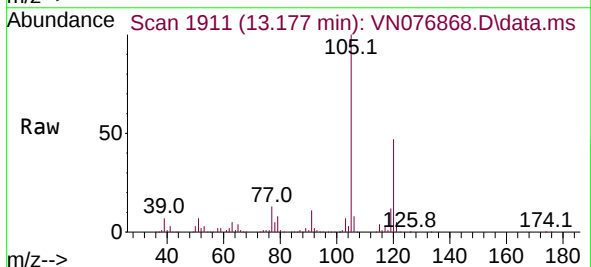
Acq: 07 Mar 2023 13:43

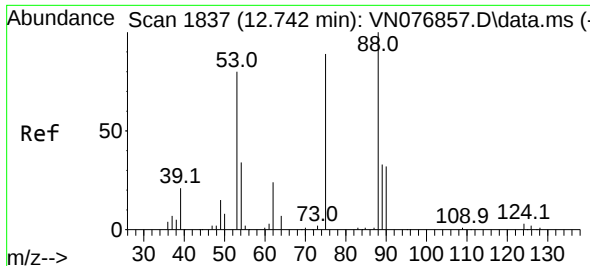
Tgt Ion:105 Resp: 493469

Ion Ratio Lower Upper

105 100

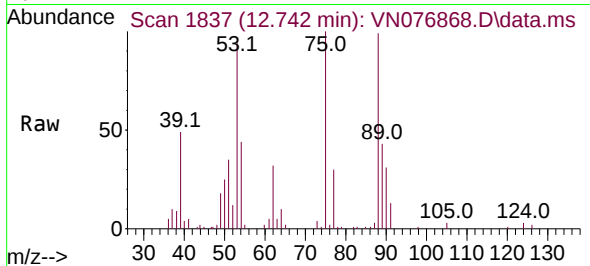
120 47.5 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 24.229 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

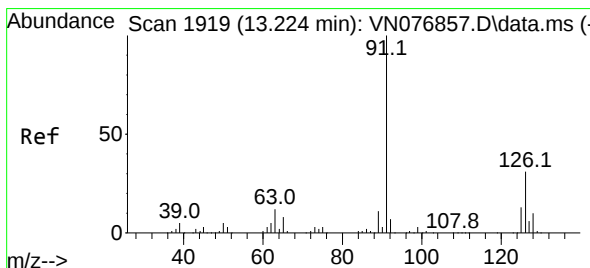
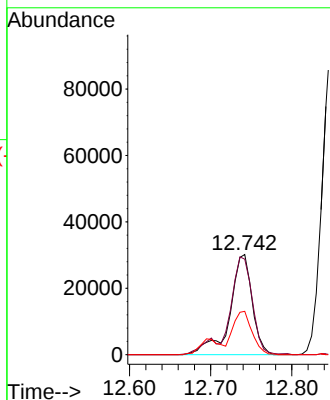
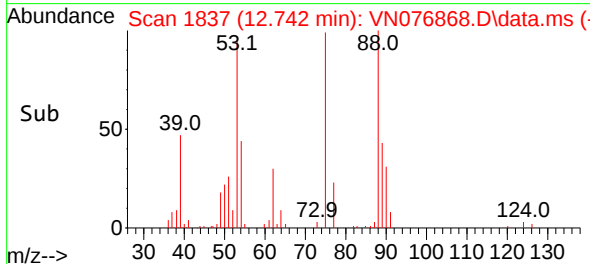
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



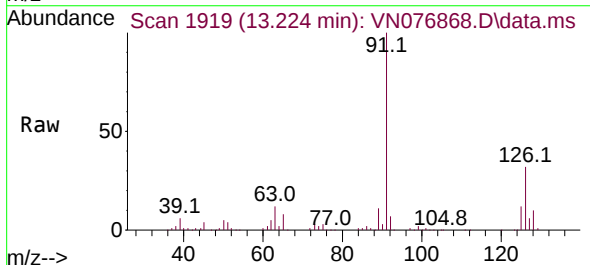
Tgt Ion: 75 Resp: 57379
Ion Ratio Lower Upper
75 100
53 90.9 67.4 101.0
89 37.0 39.5 59.3

Manual Integrations
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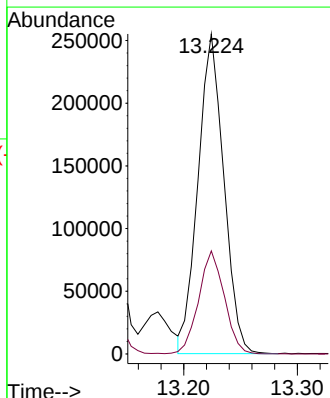
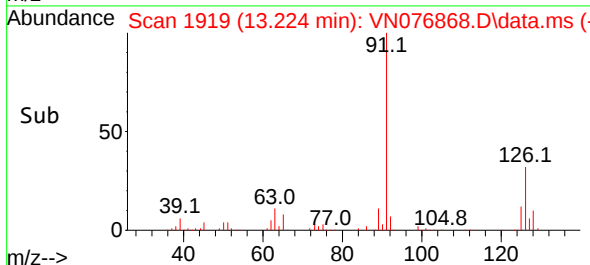
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

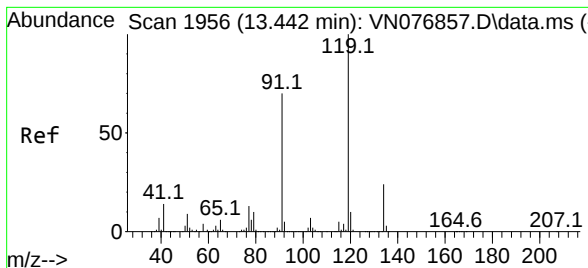


#82
4-Chlorotoluene
Concen: 21.456 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



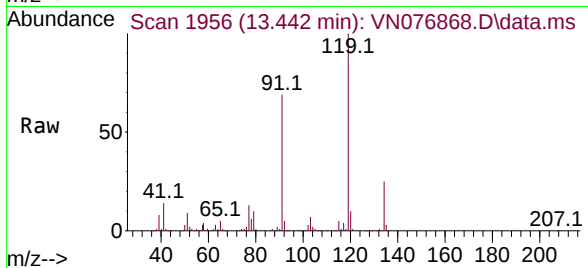
Tgt Ion: 91 Resp: 401656
Ion Ratio Lower Upper
91 100
126 32.2 18.0 54.0





#83
tert-Butylbenzene
Concen: 21.405 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

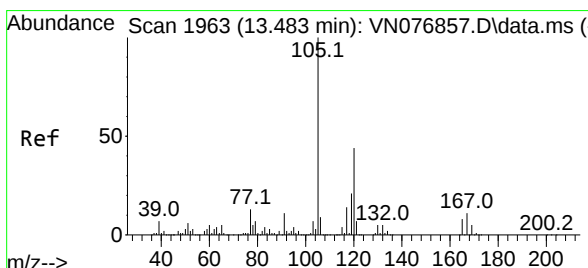
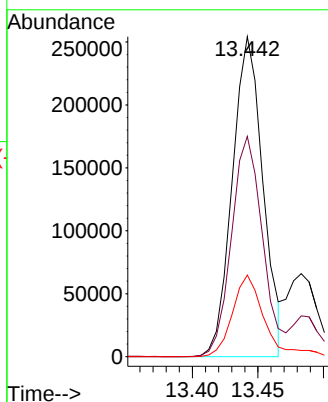
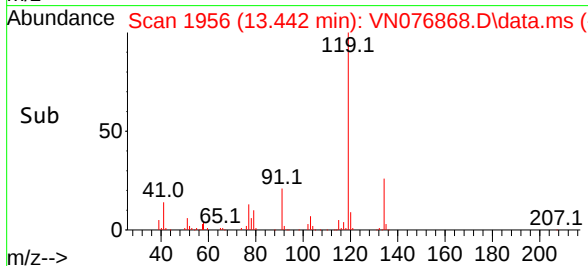
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



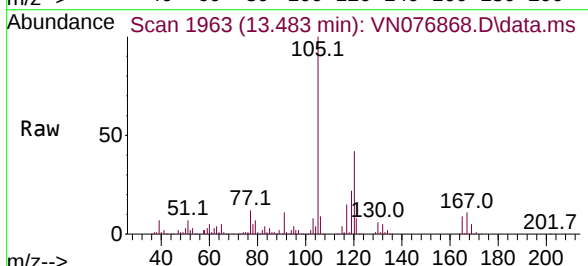
Tgt Ion:119 Resp: 41381
Ion Ratio Lower Upper
119 100
91 70.3 31.9 95.5
134 26.7 13.8 41.4

Manual Integrations
APPROVED

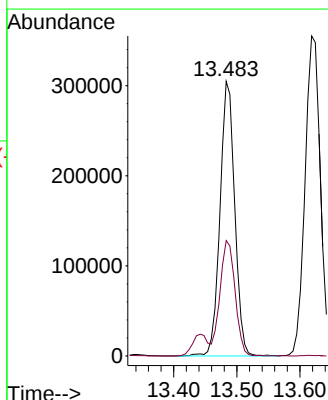
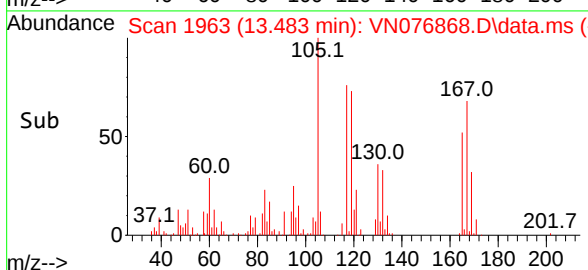
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

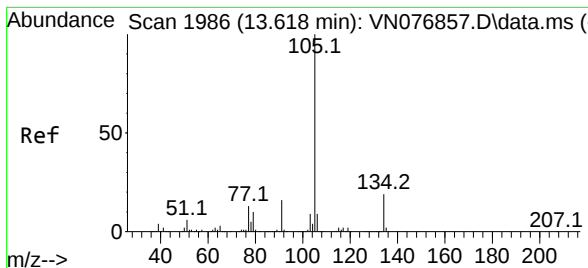


#84
1,2,4-Trimethylbenzene
Concen: 22.182 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



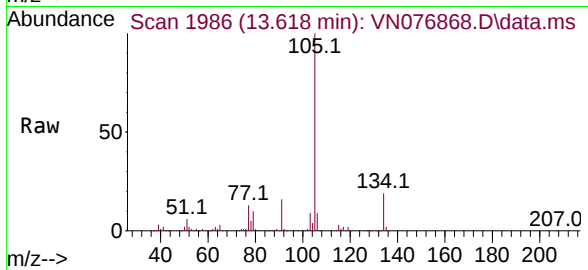
Tgt Ion:105 Resp: 495018
Ion Ratio Lower Upper
105 100
120 42.9 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 22.095 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

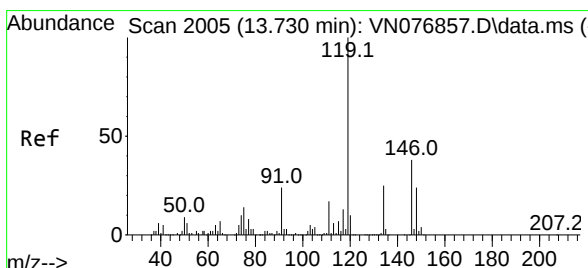
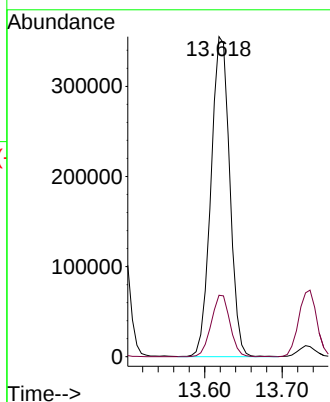
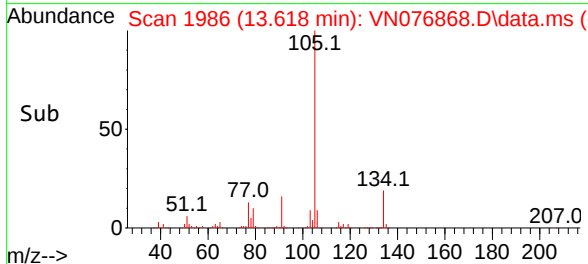
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBSD02



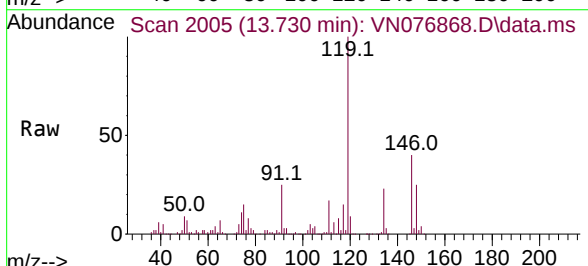
Tgt Ion:105 Resp: 596394
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2

Manual Integrations
 APPROVED

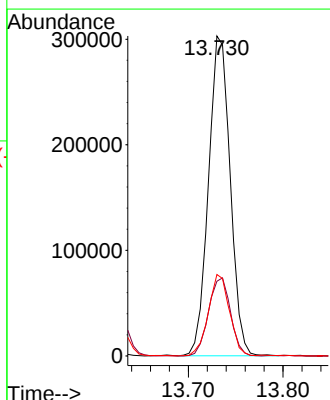
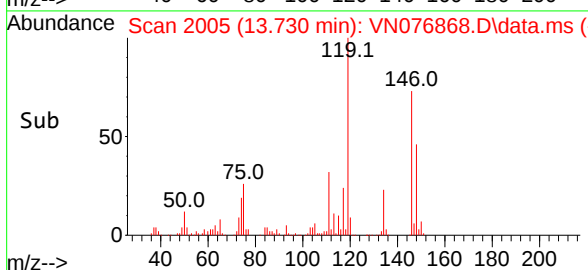
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

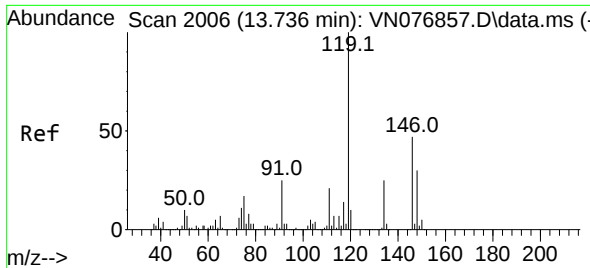


#86
 p-Isopropyltoluene
 Concen: 22.380 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43



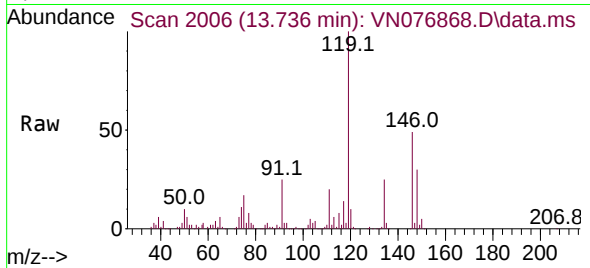
Tgt Ion:119 Resp: 483163
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.5 40.5
 91 24.7 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 21.777 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43

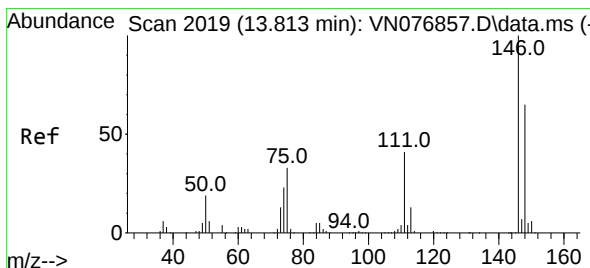
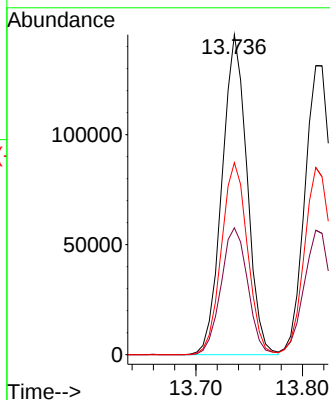
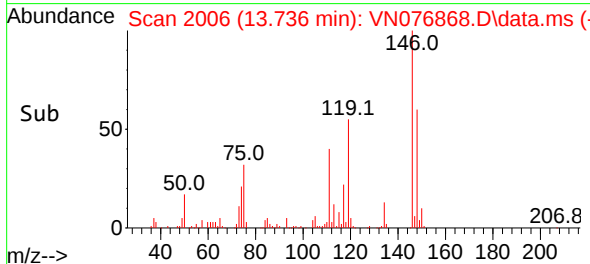
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBSD02



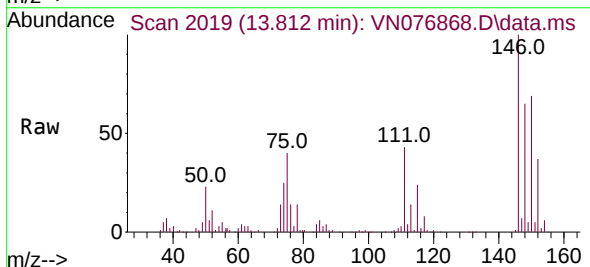
Tgt Ion:146 Resp: 23752
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.4 61.2
 148 62.6 31.5 94.5

Manual Integrations
 APPROVED

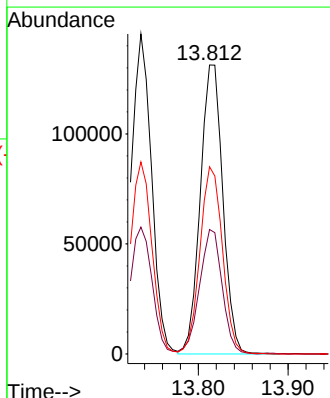
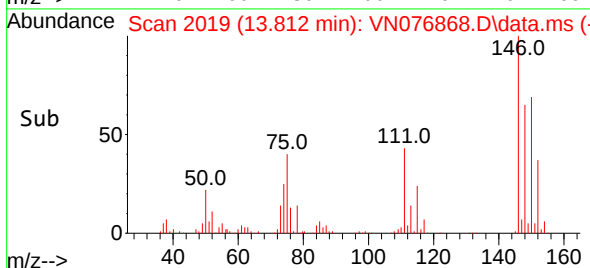
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

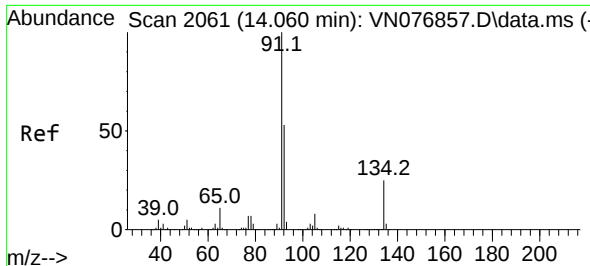


#88
 1,4-Dichlorobenzene
 Concen: 20.721 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN076868.D
 Acq: 07 Mar 2023 13:43



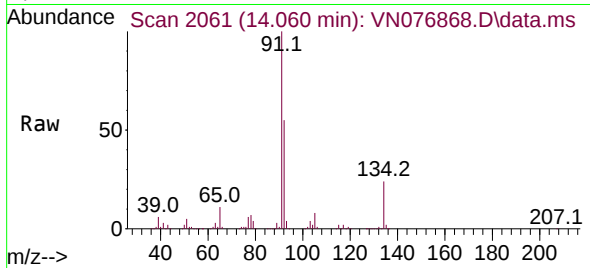
Tgt Ion:146 Resp: 229481
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.0 60.0
 148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 21.574 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

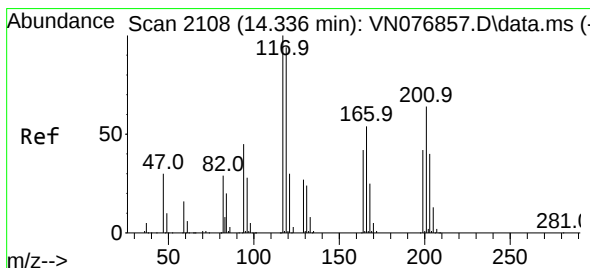
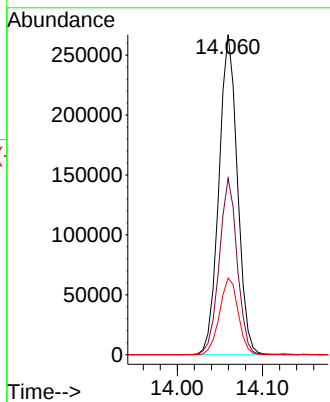
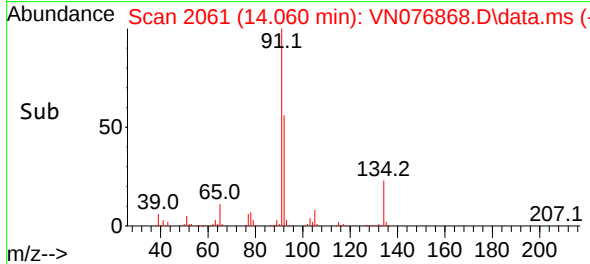
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



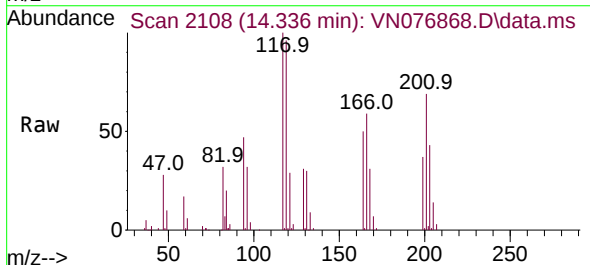
Tgt Ion: 91 Resp: 402392
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 24.2 13.6 40.7

Manual Integrations
APPROVED

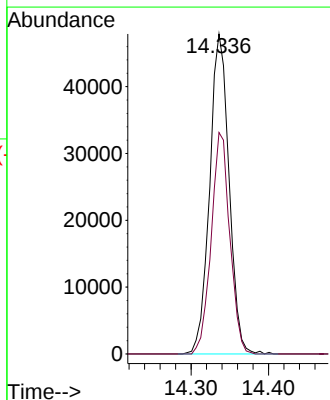
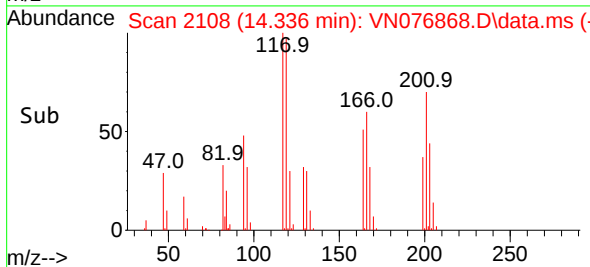
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

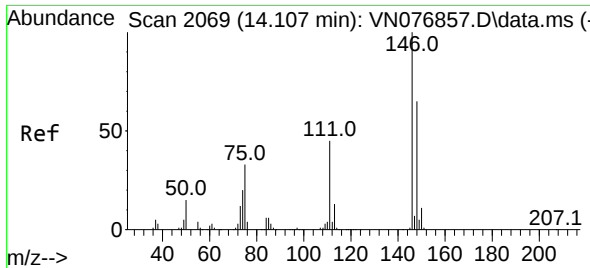


#90
Hexachloroethane
Concen: 21.306 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



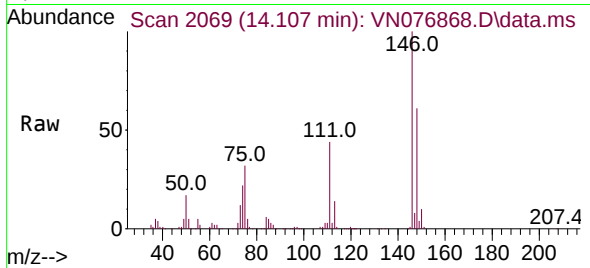
Tgt Ion:117 Resp: 83109
Ion Ratio Lower Upper
117 100
201 66.4 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 21.427 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

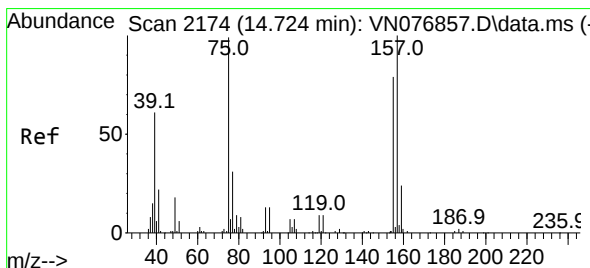
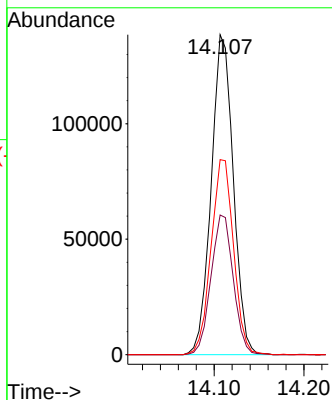
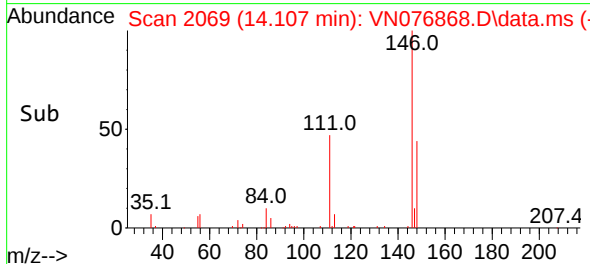
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



Tgt Ion:146 Resp: 236720
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.2
148 62.2 32.0 96.0

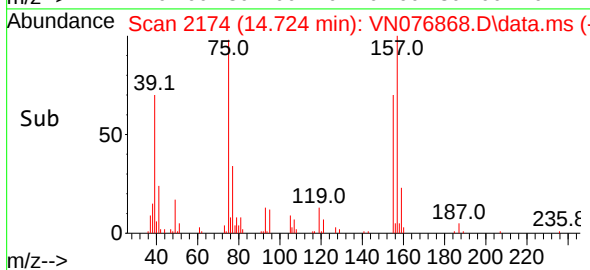
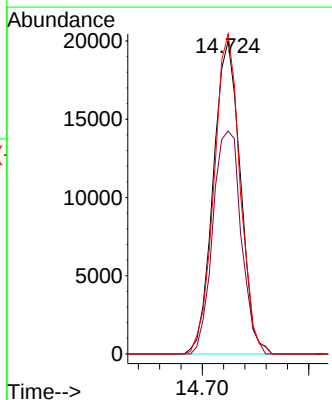
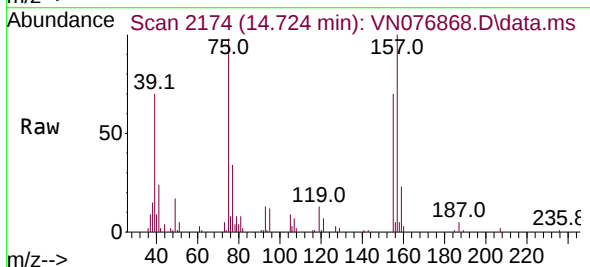
Manual Integrations
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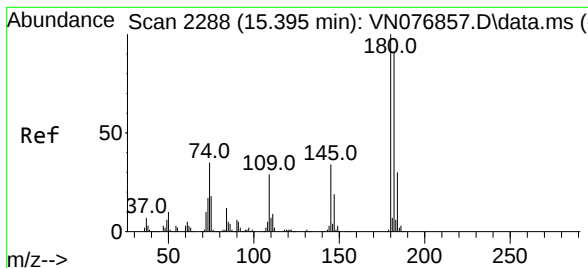
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.461 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

Tgt Ion: 75 Resp: 35180
Ion Ratio Lower Upper
75 100
155 74.8 44.3 132.8
157 98.7 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 22.415 ug/l

RT: 15.401 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBSD02

Tgt Ion:180 Resp: 123889

Ion Ratio Lower Upper

180 100

182 92.5 47.4 142.2

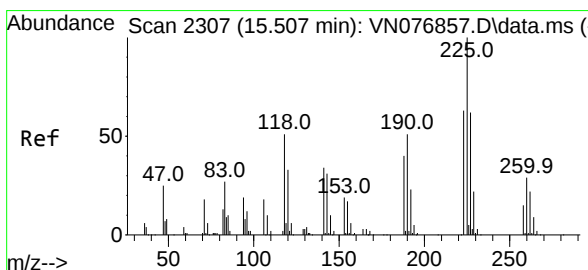
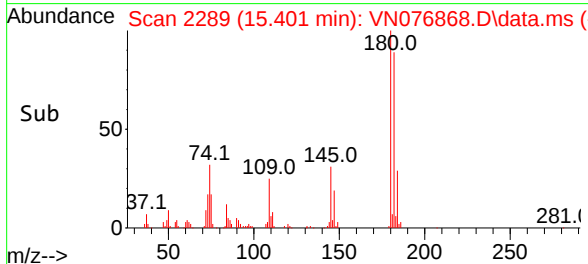
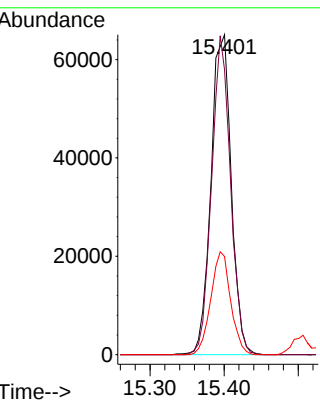
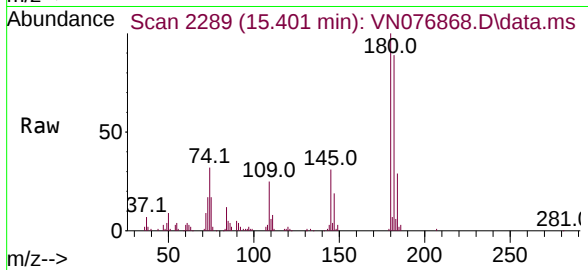
145 31.4 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#94

Hexachlorobutadiene

Concen: 20.866 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.001 min

Lab File: VN076868.D

Acq: 07 Mar 2023 13:43

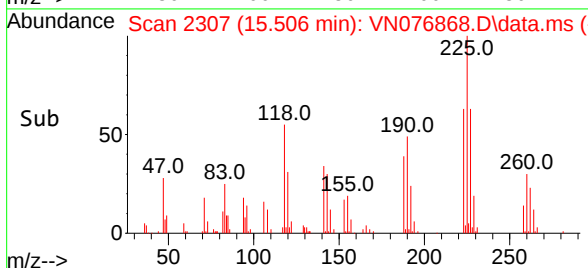
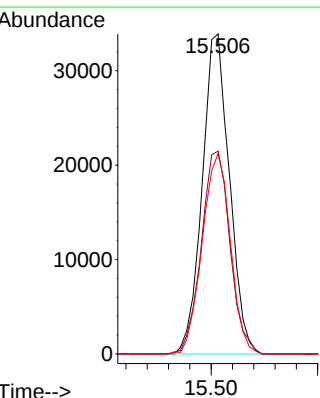
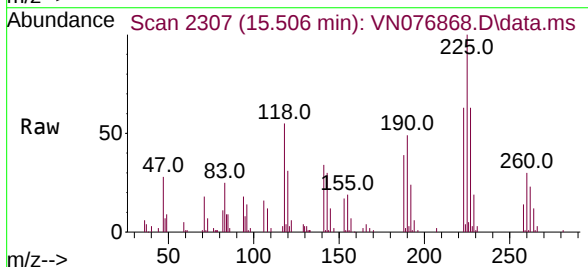
Tgt Ion:225 Resp: 60048

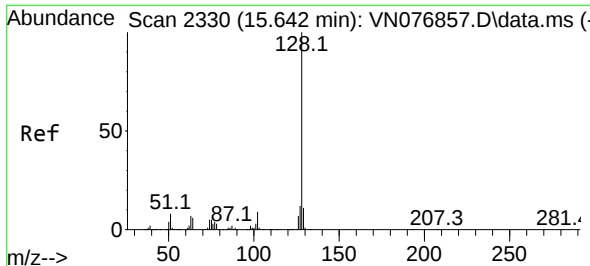
Ion Ratio Lower Upper

225 100

223 66.7 31.4 94.0

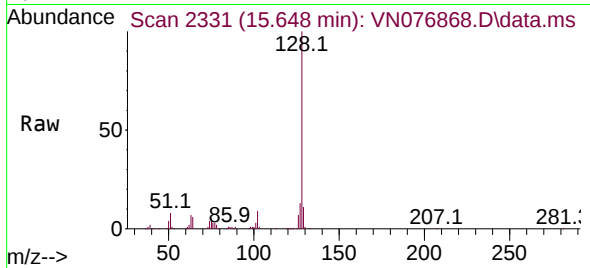
227 64.7 30.9 92.7





#95
Naphthalene
Concen: 22.652 ug/l
RT: 15.648 min Scan# 2330
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43

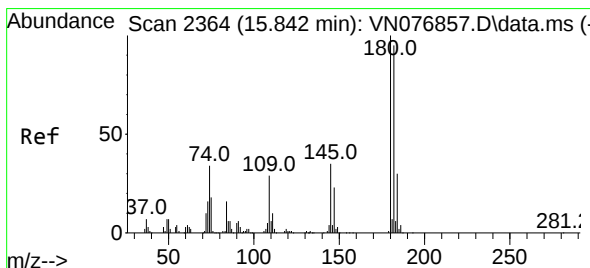
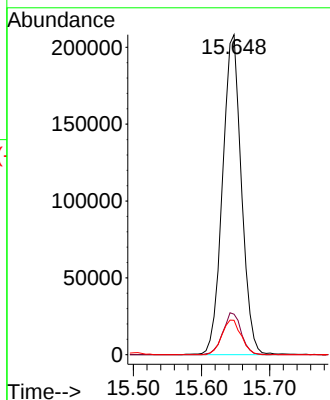
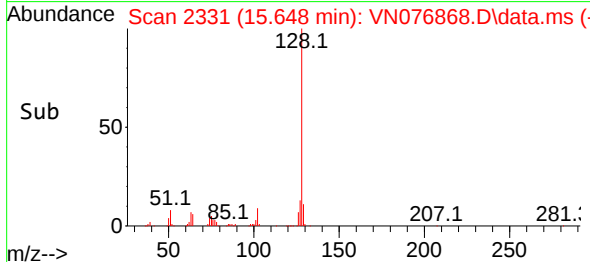
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBSD02



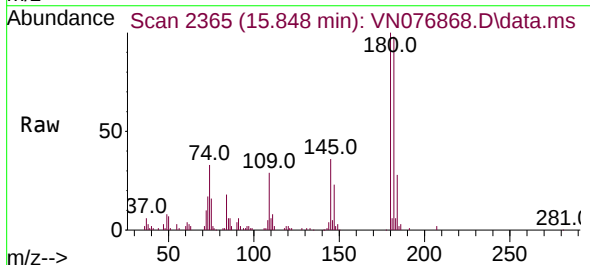
Tgt Ion:128 Resp: 401039
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.043 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076868.D
Acq: 07 Mar 2023 13:43



Tgt Ion:180 Resp: 119751
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 35.2 17.0 51.0

