

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070468.D
 Acq On : 4 Jan 2022 17:08
 Operator : JC/MD
 Sample : VN0104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1041822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.966	114	1728731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1556362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	620267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	718290	47.952	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.900%		
35) Dibromofluoromethane	8.019	113	528764	50.553	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.100%		
50) Toluene-d8	10.441	98	2137564	50.026	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.060%		
62) 4-Bromofluorobenzene	12.728	95	733649	47.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	208221	17.624	ug/l	100
3) Chloromethane	2.303	50	295296	18.374	ug/l	98
4) Vinyl Chloride	2.448	62	267284	18.266	ug/l	98
5) Bromomethane	2.859	94	152569	20.201	ug/l	98
6) Chloroethane	3.022	64	160896	18.259	ug/l	99
7) Trichlorofluoromethane	3.379	101	310475	17.628	ug/l	98
8) Diethyl Ether	3.824	74	149951	19.313	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	201622	18.717	ug/l	95
10) Methyl Iodide	4.420	142	265695	18.225	ug/l	97
11) Tert butyl alcohol	5.372	59	214330	85.933	ug/l	98
12) 1,1-Dichloroethene	4.181	96	189420	17.852	ug/l	90
13) Acrolein	4.041	56	119221	58.912	ug/l	99
14) Allyl chloride	4.841	41	448433	18.641	ug/l	87
15) Acrylonitrile	5.554	53	780393	100.268	ug/l	99
16) Acetone	4.285	43	797575	82.022	ug/l	99
17) Carbon Disulfide	4.530	76	463185	15.992	ug/l	98
18) Methyl Acetate	4.854	43	540842	19.228	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	756365	19.195	ug/l	95
20) Methylene Chloride	5.093	84	248515	18.472	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	207852	18.501	ug/l	86
22) Diisopropyl ether	6.495	45	944919	20.167	ug/l #	92
23) Vinyl Acetate	6.434	43	3512228	96.611	ug/l #	94
24) 1,1-Dichloroethane	6.383	63	462482	19.036	ug/l	98
25) 2-Butanone	7.335	43	1148455	93.800	ug/l	92
26) 2,2-Dichloropropane	7.324	77	324469	16.929	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	255305	19.045	ug/l	87
28) Bromochloromethane	7.657	49	229711	19.333	ug/l #	77
29) Tetrahydrofuran	7.684	42	739227	101.195	ug/l #	86
30) Chloroform	7.818	83	439337	18.744	ug/l	99
31) Cyclohexane	8.091	56	452869	19.159	ug/l	90
32) 1,1,1-Trichloroethane	8.011	97	354222	17.924	ug/l	97
36) 1,1-Dichloropropene	8.220	75	324747	18.768	ug/l	96
37) Ethyl Acetate	7.410	43	435054	19.397	ug/l	96
38) Carbon Tetrachloride	8.207	117	281454	17.035	ug/l	99
39) Methylcyclohexane	9.459	83	386130	18.433	ug/l	89
40) Benzene	8.459	78	1027466	19.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	241707	21.546	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	365871	18.349	ug/l	99
43) Isopropyl Acetate	8.558	43	673031	19.033	ug/l #	95
44) Trichloroethene	9.212	130	231325	18.352	ug/l	92
45) 1,2-Dichloropropane	9.488	63	280749	19.656	ug/l	100
46) Dibromomethane	9.577	93	165244	18.606	ug/l	94
47) Bromodichloromethane	9.759	83	317002	17.976	ug/l	99
48) Methyl methacrylate	9.558	41	329741	19.550	ug/l #	79
49) 1,4-Dioxane	9.566	88	93926	380.419	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	2205463	99.258	ug/l	96
52) Toluene	10.502	92	619388	19.290	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	333531	17.470	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	383237	18.557	ug/l	96
55) 1,1,2-Trichloroethane	10.897	97	244709	19.262	ug/l	97
56) Ethyl methacrylate	10.760	69	391413	18.646	ug/l #	89
57) 1,3-Dichloropropane	11.041	76	441111	19.631	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	338007	76.883	ug/l	90
59) 2-Hexanone	11.084	43	1522380	93.953	ug/l	95
60) Dibromochloromethane	11.237	129	219347	17.696	ug/l	100
61) 1,2-Dibromoethane	11.344	107	237995	18.450	ug/l	98
64) Tetrachloroethene	10.974	164	204285	18.126	ug/l	95
65) Chlorobenzene	11.768	112	634260	19.207	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	213032	18.070	ug/l	98
67) Ethyl Benzene	11.843	91	1167727	19.300	ug/l	97
68) m/p-Xylenes	11.951	106	863454	39.205	ug/l	93
69) o-Xylene	12.278	106	423730	19.343	ug/l	91
70) Styrene	12.294	104	675292	19.477	ug/l	97
71) Bromoform	12.455	173	151147	17.275	ug/l #	99
73) Isopropylbenzene	12.575	105	1106468	19.209	ug/l	99
74) N-amyl acetate	12.388	43	429404	17.730	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	374903	18.865	ug/l	99
76) 1,2,3-Trichloropropane	12.879	75	316909m	19.048	ug/l	
77) Bromobenzene	12.860	156	251560	19.023	ug/l	77
78) n-propylbenzene	12.919	91	1227445	19.233	ug/l	97
79) 2-Chlorotoluene	13.005	91	785413	19.180	ug/l	93
80) 1,3,5-Trimethylbenzene	13.056	105	897544	19.445	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	82760	16.302	ug/l	90
82) 4-Chlorotoluene	13.104	91	729057	19.007	ug/l	92
83) tert-Butylbenzene	13.321	119	792490	19.498	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	867560	19.519	ug/l	99
85) sec-Butylbenzene	13.501	105	1063544	19.274	ug/l	97
86) p-Isopropyltoluene	13.613	119	831323	19.178	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	414740	18.735	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	399281	18.284	ug/l	96
89) n-Butylbenzene	13.941	91	624634	17.276	ug/l	97
90) Hexachloroethane	14.209	117	130148	17.283	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	406254	18.719	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	54433	16.313	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	167831	16.413	ug/l	97
94) Hexachlorobutadiene	15.367	225	113542	19.105	ug/l	99
95) Naphthalene	15.504	128	406216	15.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	159157	16.829	ug/l	97

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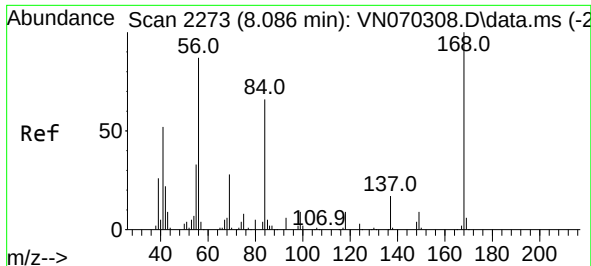
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/05/2022

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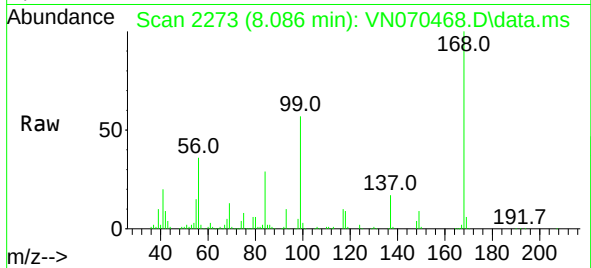
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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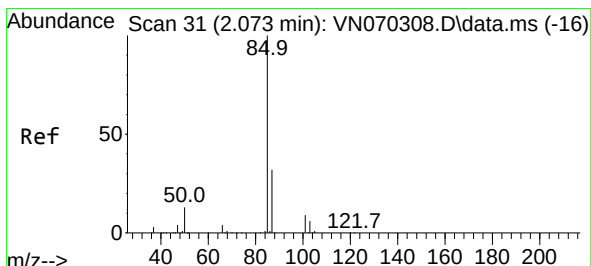
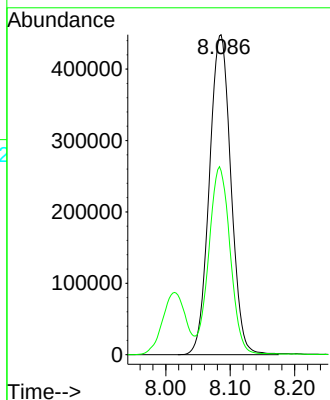
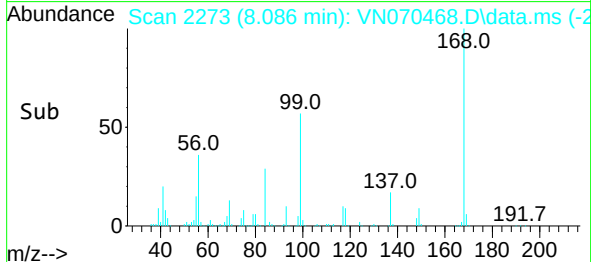
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion:168 Resp: 104182
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9

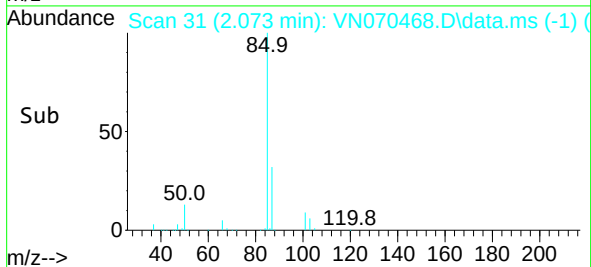
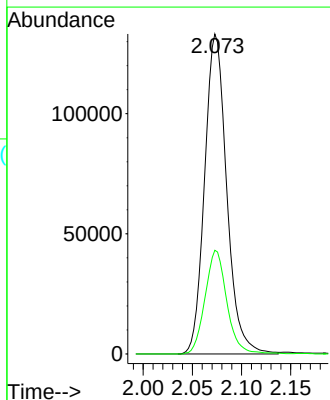
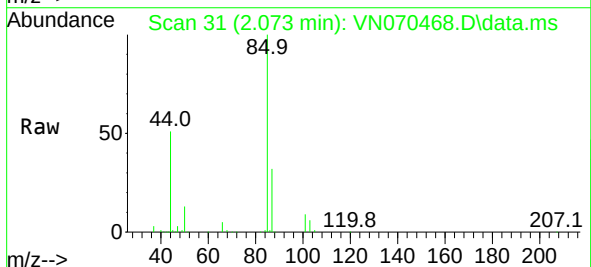
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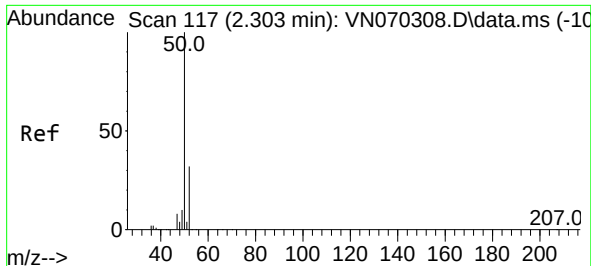
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#2
Dichlorodifluoromethane
Concen: 17.624 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

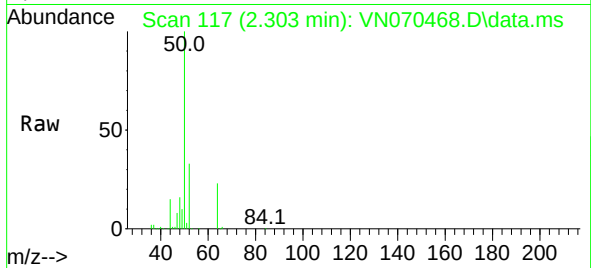
Tgt Ion: 85 Resp: 208221
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 18.374 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

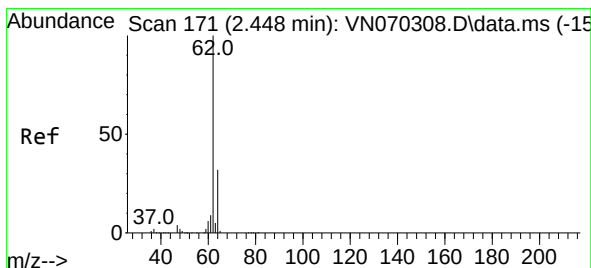
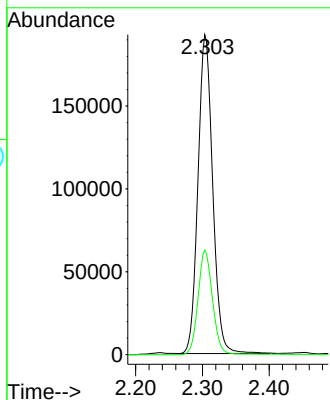
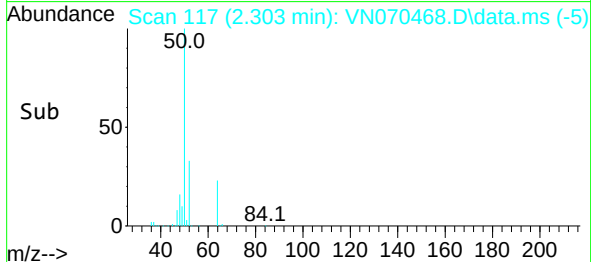
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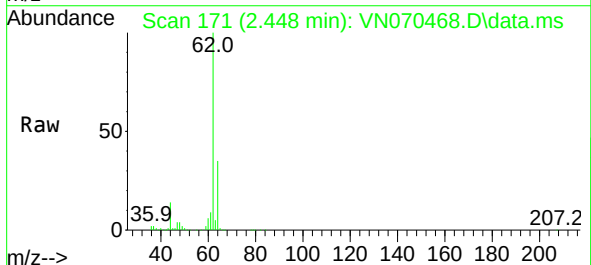
Tgt Ion: 50 Resp: 295290
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

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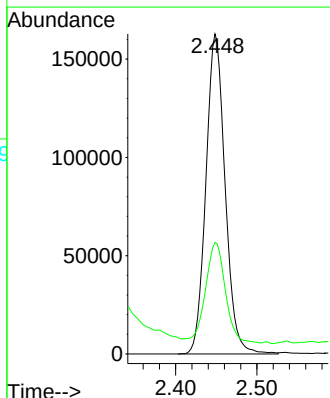
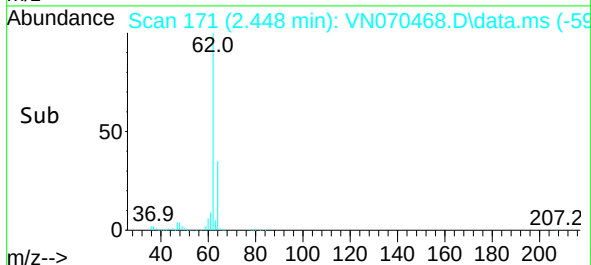
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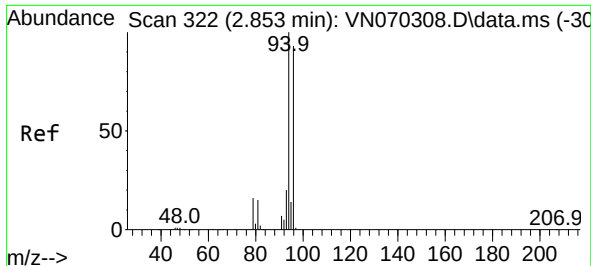


#4
Vinyl Chloride
Concen: 18.266 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



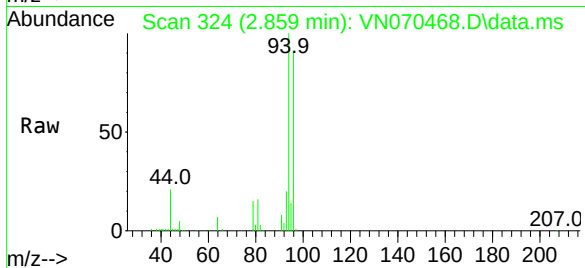
Tgt Ion: 62 Resp: 267284
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 20.201 ug/l
RT: 2.859 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

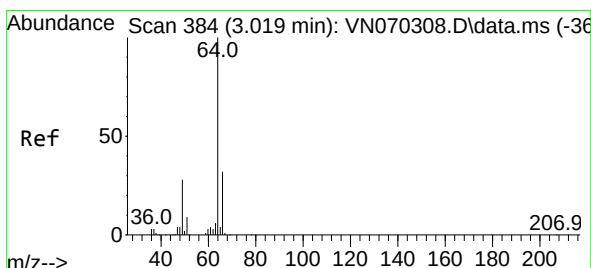
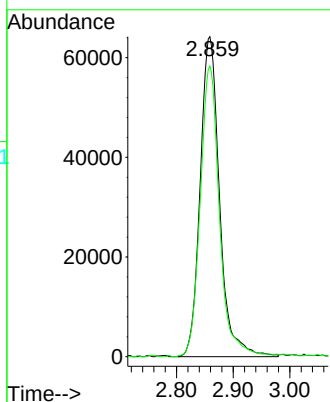
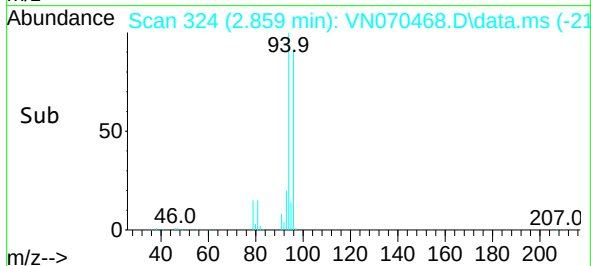
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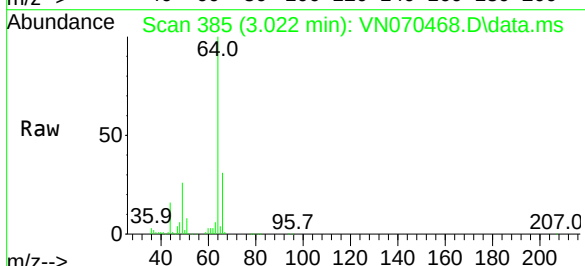
Tgt Ion: 94 Resp: 152569
Ion Ratio Lower Upper
94 100
96 90.6 73.8 110.8

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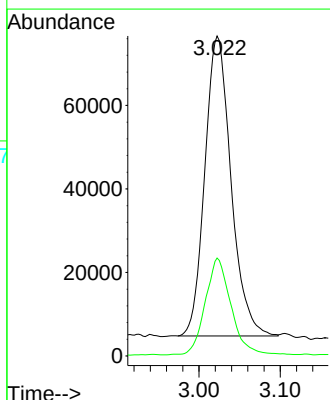
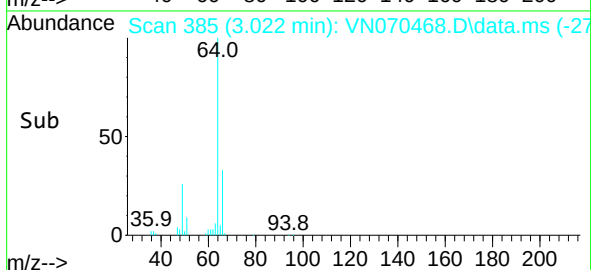
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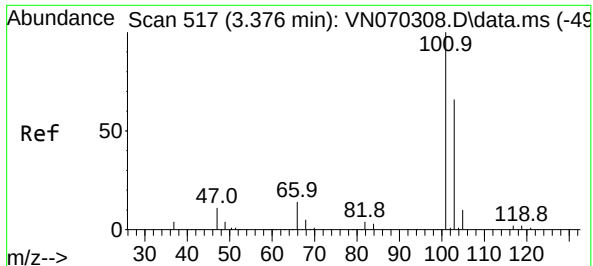


#6
Chloroethane
Concen: 18.259 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070468.D
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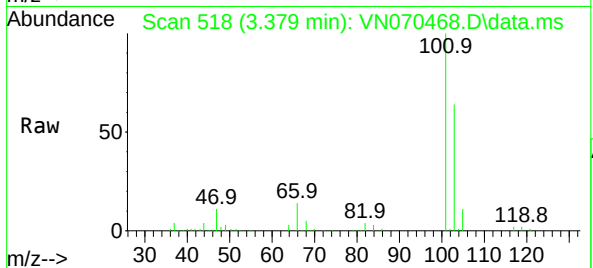
Tgt Ion: 64 Resp: 160896
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.628 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070468.D
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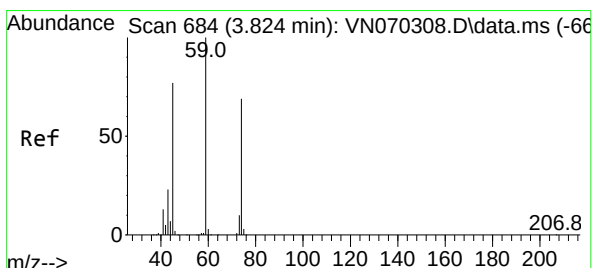
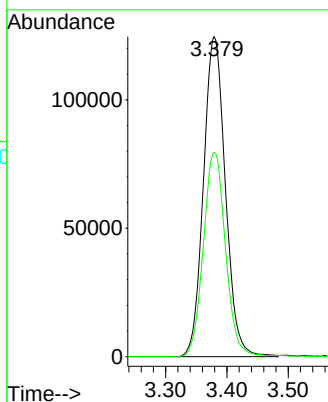
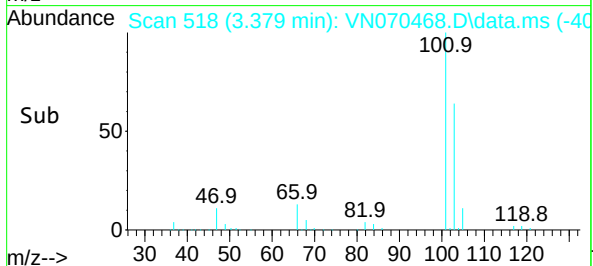
Instrument :
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Tgt Ion:101 Resp: 310475
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

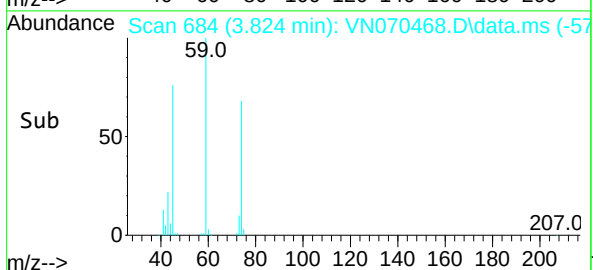
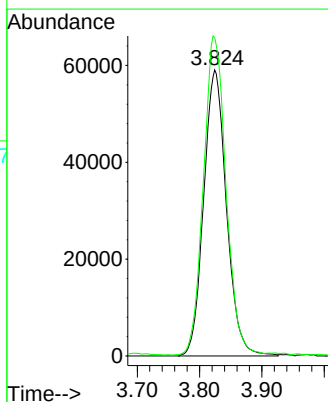
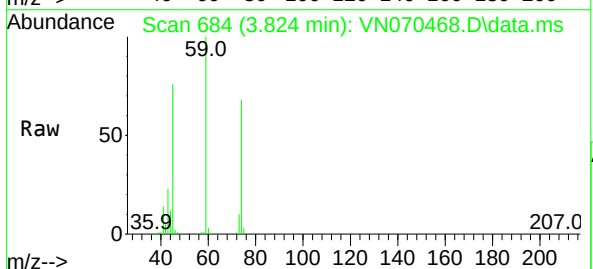
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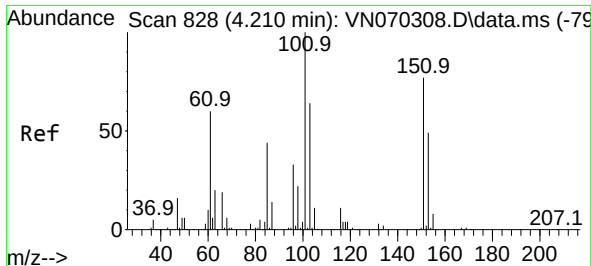
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#8
Diethyl Ether
Concen: 19.313 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 149951
Ion Ratio Lower Upper
74 100
45 110.6 47.0 141.2





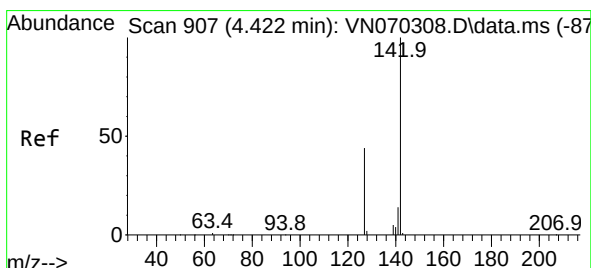
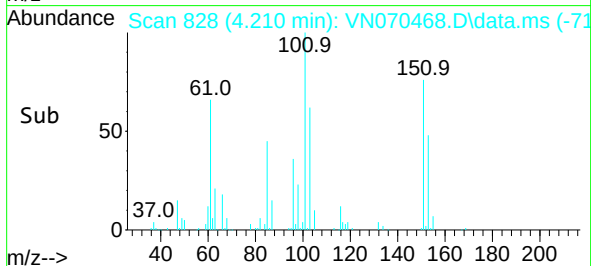
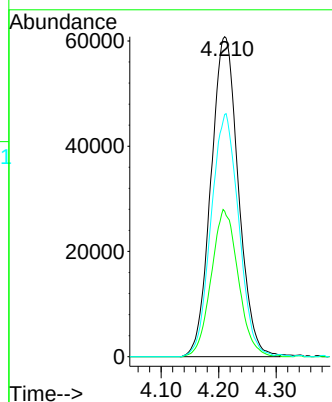
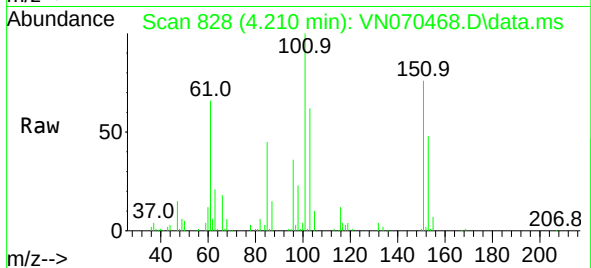
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.717 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01

Tgt Ion:101 Resp: 20162
Ion Ratio Lower Upper
101 100
85 45.2 37.2 55.8
151 76.5 65.9 98.9

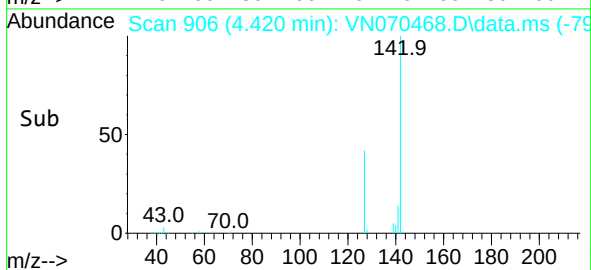
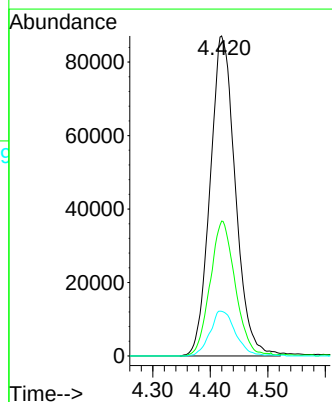
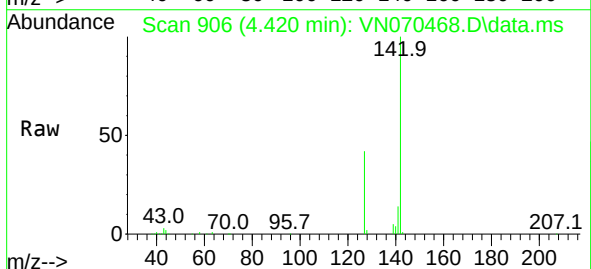
Manual Integrations
APPROVED

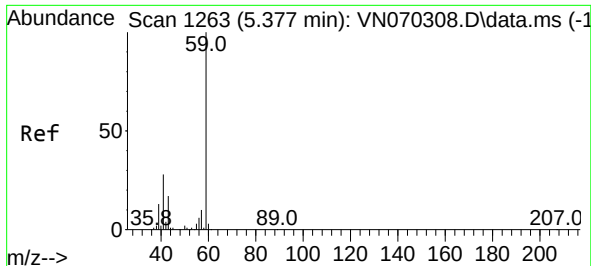
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#10
Methyl Iodide
Concen: 18.225 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

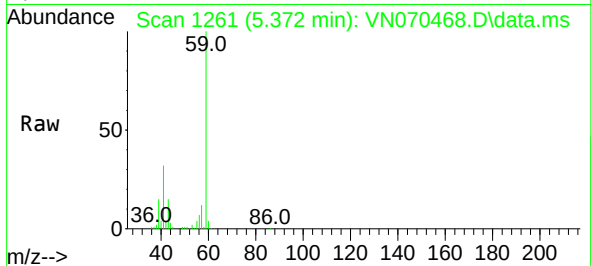
Tgt Ion:142 Resp: 265695
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 85.933 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

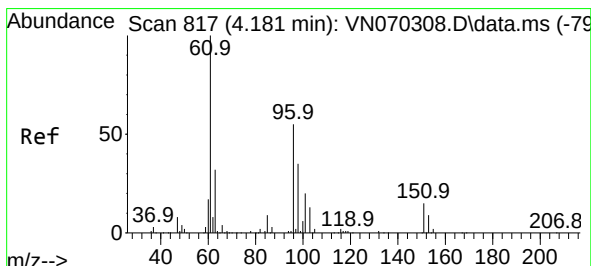
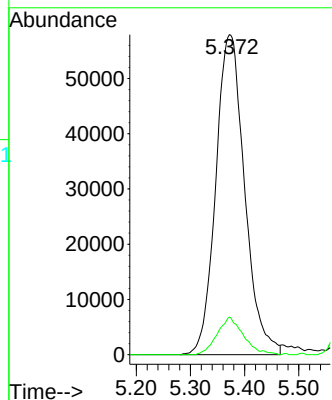
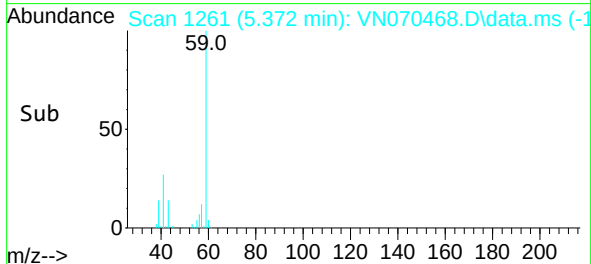
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



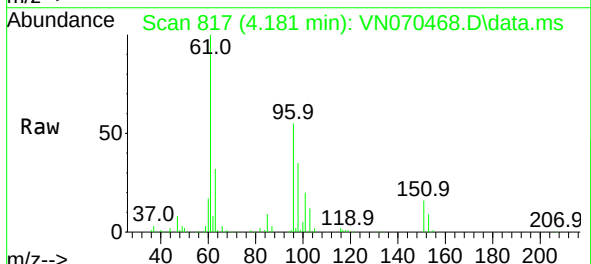
Tgt Ion: 59 Resp: 214330
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

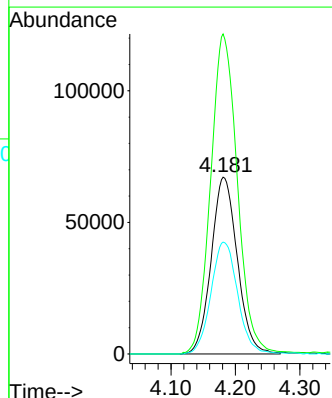
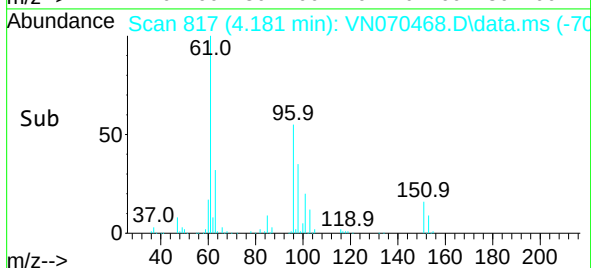
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

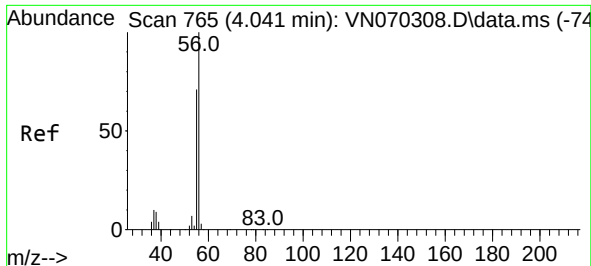


#12
1,1-Dichloroethene
Concen: 17.852 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



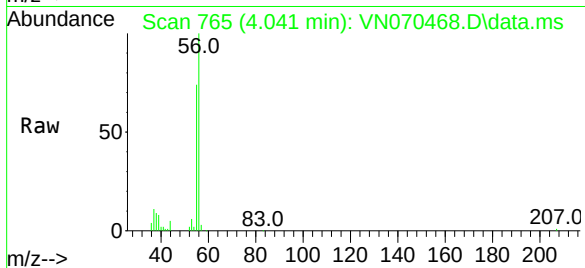
Tgt Ion: 96 Resp: 189420
Ion Ratio Lower Upper
96 100
61 181.0 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 58.912 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

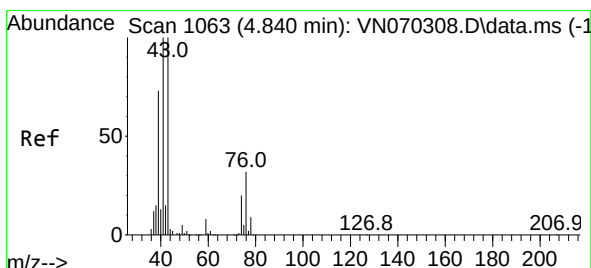
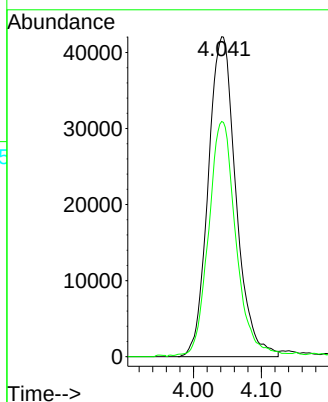
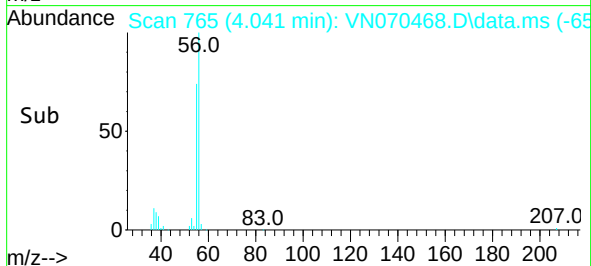
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



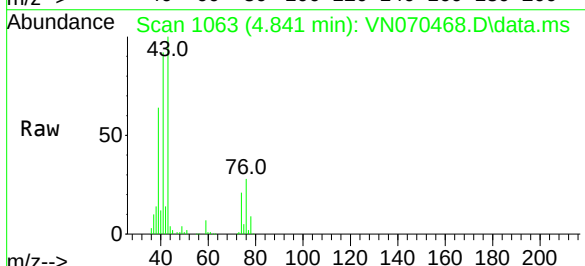
Tgt Ion: 56 Resp: 11922
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
APPROVED

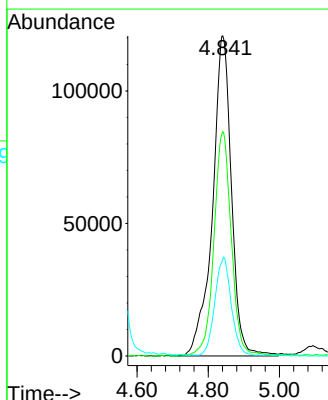
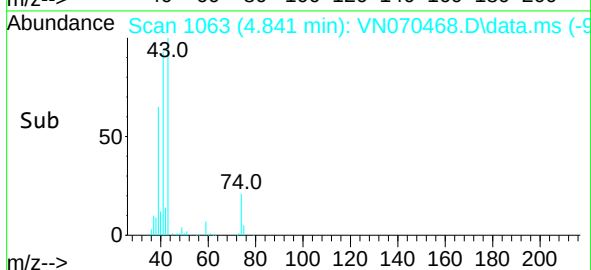
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

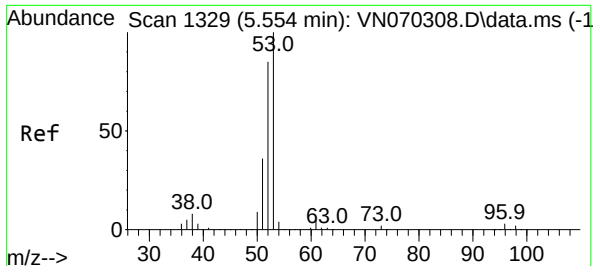


#14
Allyl chloride
Concen: 18.641 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



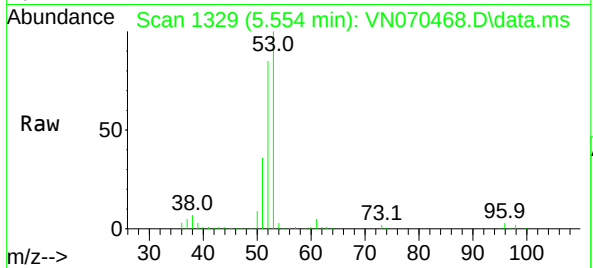
Tgt Ion: 41 Resp: 448433
Ion Ratio Lower Upper
41 100
39 64.1 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 100.268 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

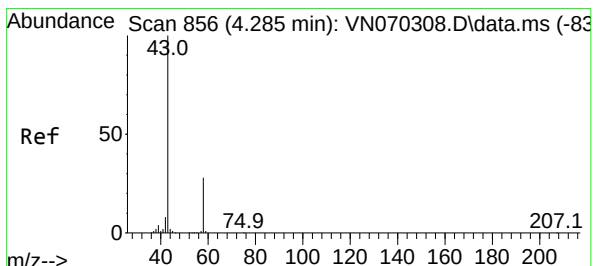
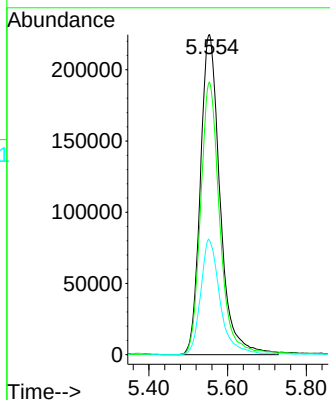
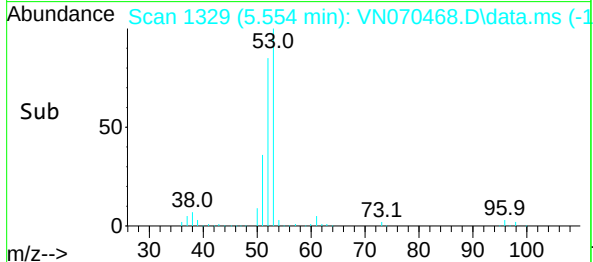
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



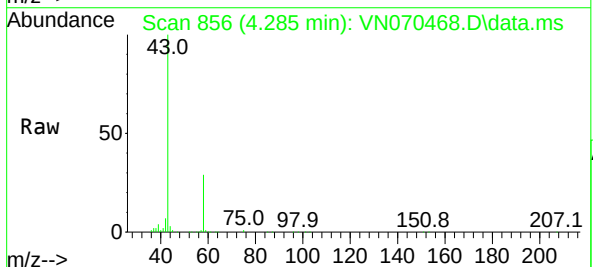
Tgt Ion: 53 Resp: 78039
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 35.6 29.6 44.4

Manual Integrations
APPROVED

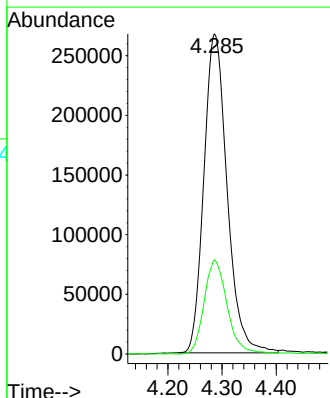
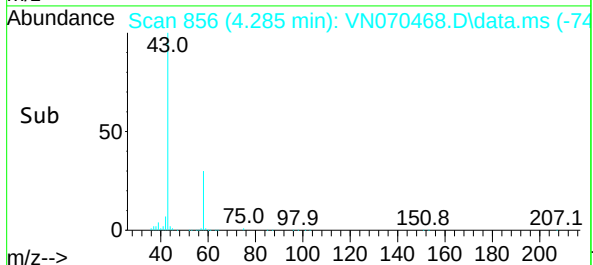
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

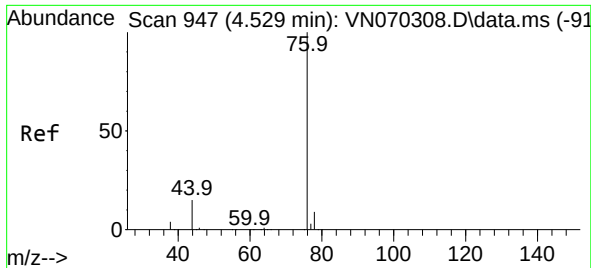


#16
Acetone
Concen: 82.022 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



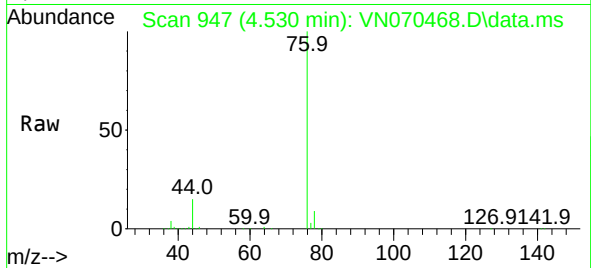
Tgt Ion: 43 Resp: 797575
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#17
Carbon Disulfide
Concen: 15.992 ug/l
RT: 4.530 min Scan# 947
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

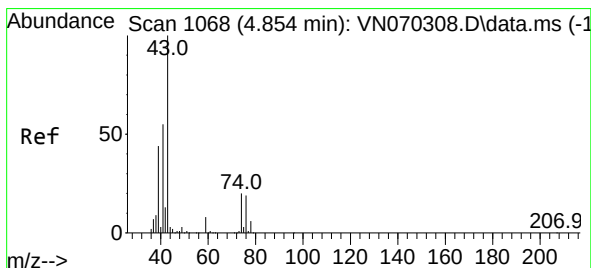
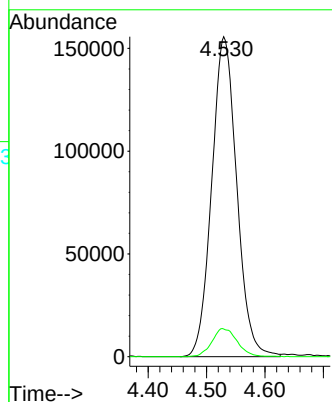
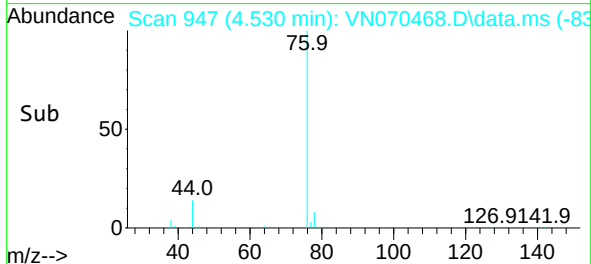
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 76 Resp: 46318
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

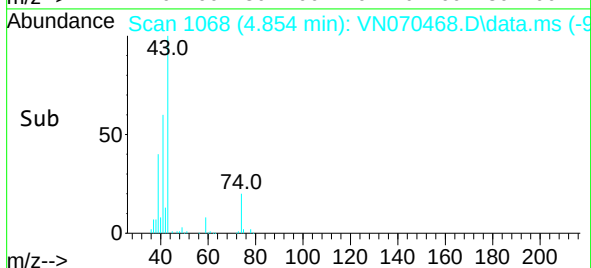
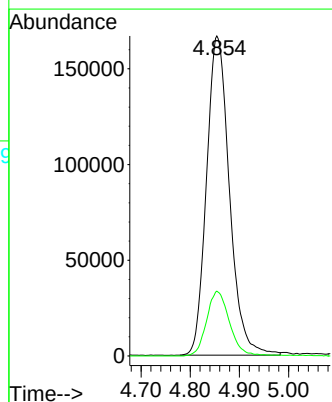
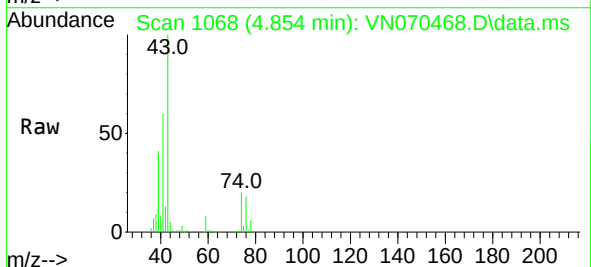
Manual Integrations
APPROVED

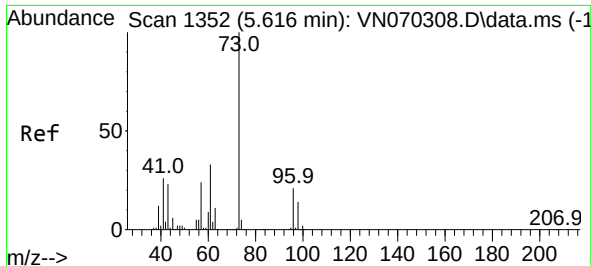
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#18
Methyl Acetate
Concen: 19.228 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

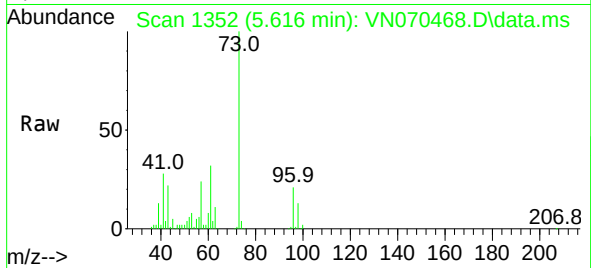
Tgt Ion: 43 Resp: 540842
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.195 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

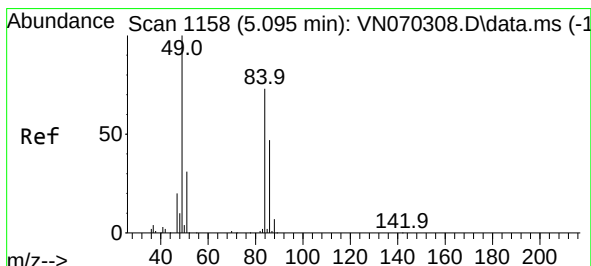
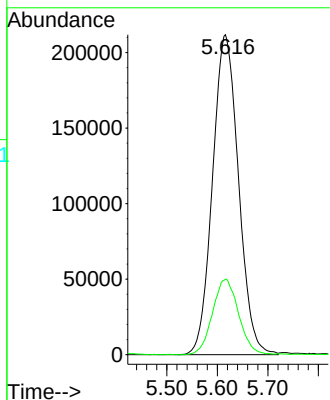
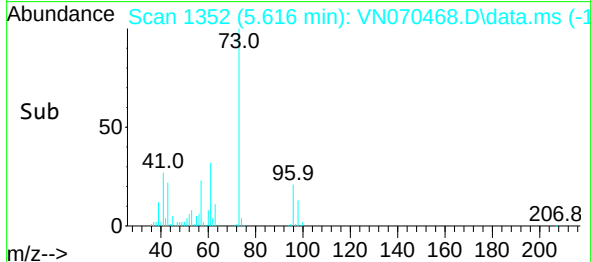
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 73 Resp: 75636
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

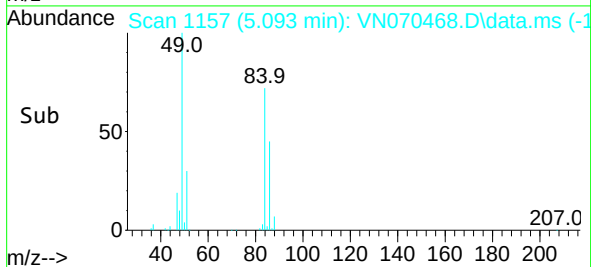
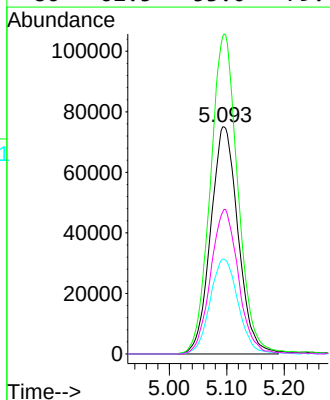
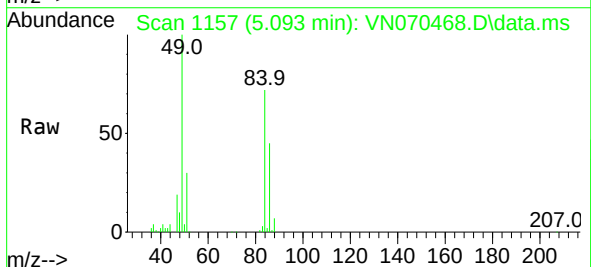
Manual Integrations
APPROVED

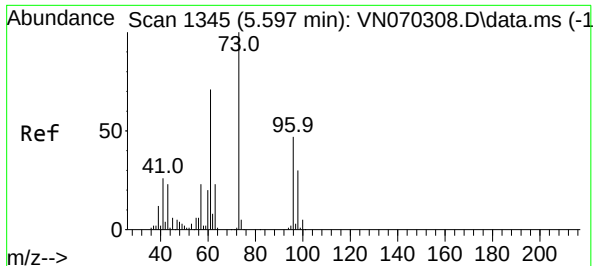
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#20
Methylene Chloride
Concen: 18.472 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

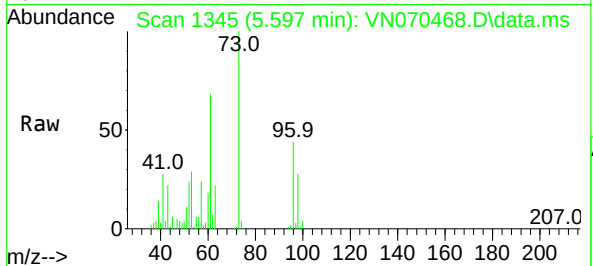
Tgt Ion: 84 Resp: 248515
Ion Ratio Lower Upper
84 100
49 139.5 93.5 140.3
51 41.7 29.4 44.2
86 62.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.501 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

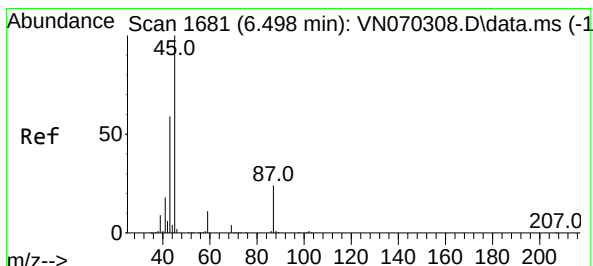
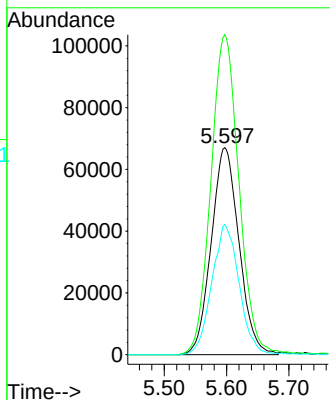
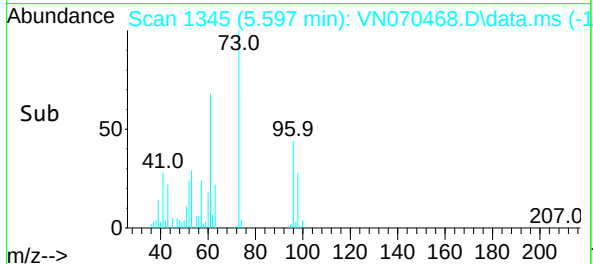
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



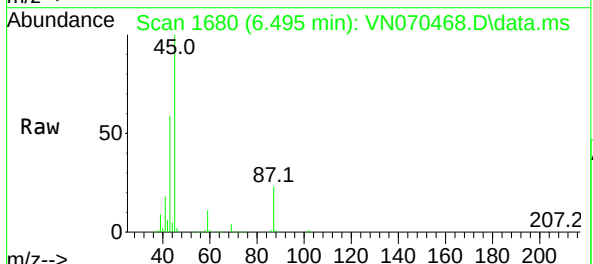
Tgt Ion: 96 Resp: 207852
Ion Ratio Lower Upper
96 100
61 154.5 105.8 158.6
98 62.9 52.0 78.0

Manual Integrations
APPROVED

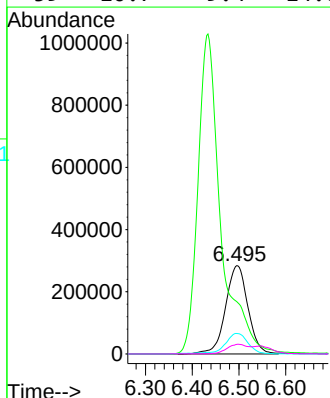
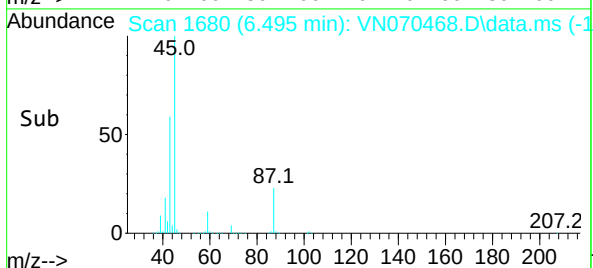
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

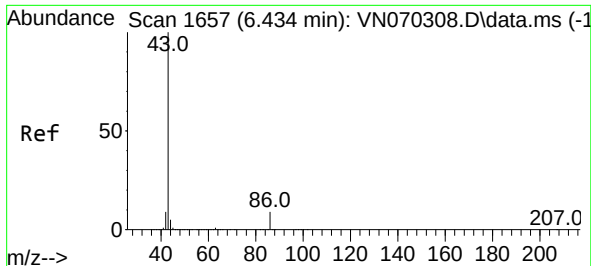


#22
Diisopropyl ether
Concen: 20.167 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



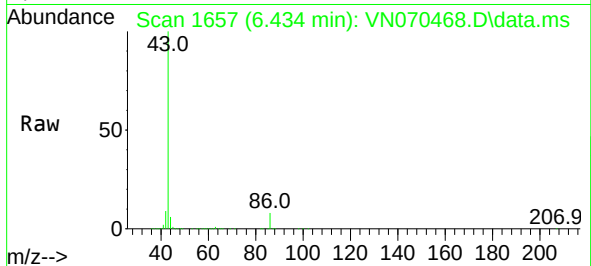
Tgt Ion: 45 Resp: 944919
Ion Ratio Lower Upper
45 100
43 58.1 51.7 77.5
87 23.0 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 96.611 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070468.D
 Acq: 4 Jan 2022 17:08

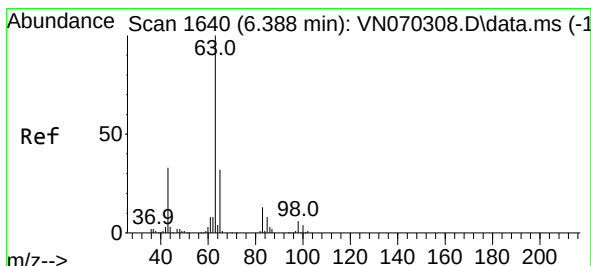
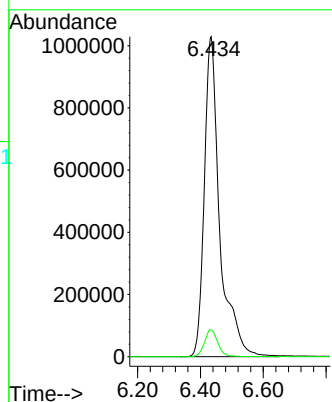
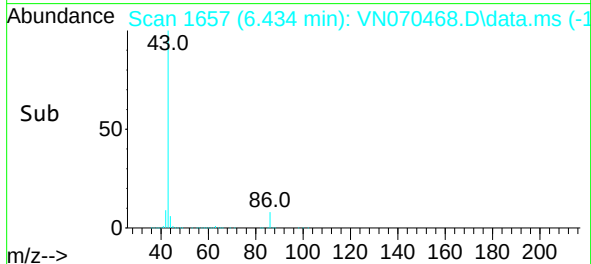
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104MBS01



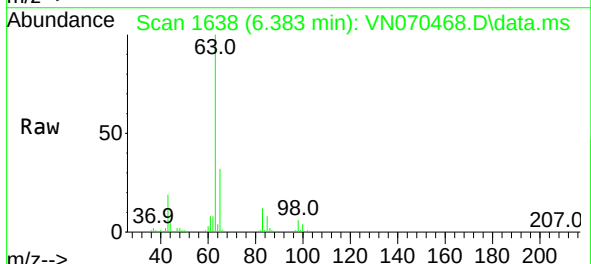
Tgt Ion: 43 Resp: 3512228
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
 APPROVED

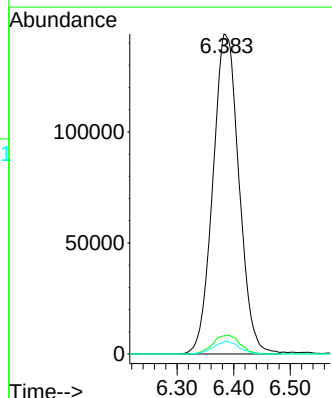
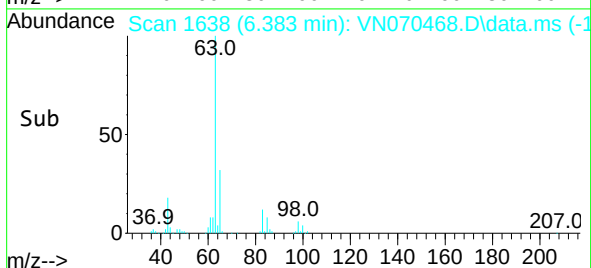
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

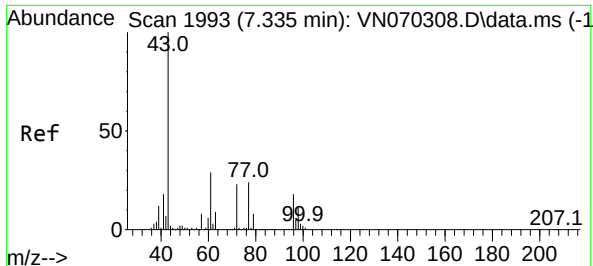


#24
 1,1-Dichloroethane
 Concen: 19.036 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN070468.D
 Acq: 4 Jan 2022 17:08



Tgt Ion: 63 Resp: 462482
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.8 2.1 6.5





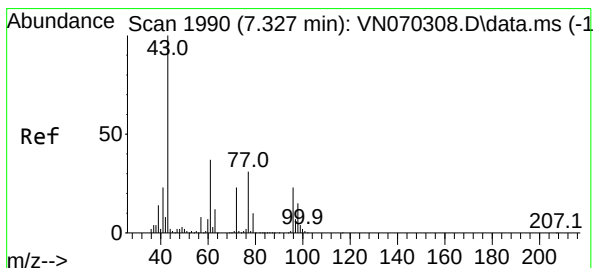
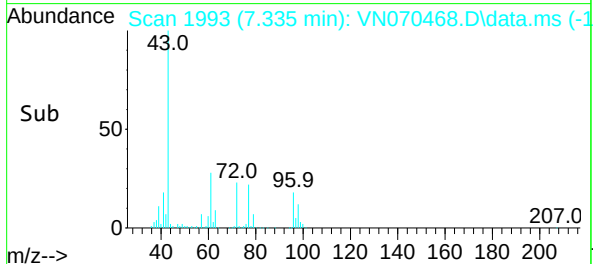
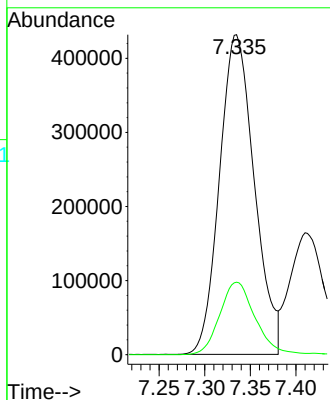
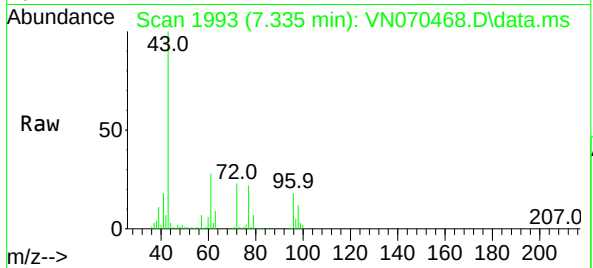
#25
2-Butanone
Concen: 93.800 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Instrument : MSVOA_N
ClientSampleId : VN0104MBS01

Tgt Ion: 43 Resp: 114845
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

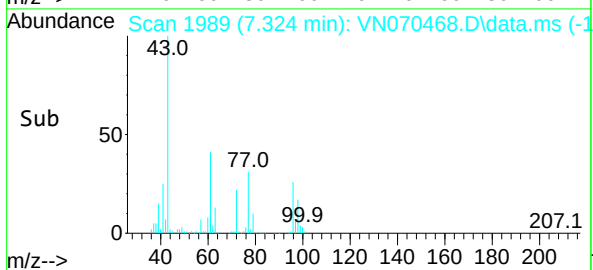
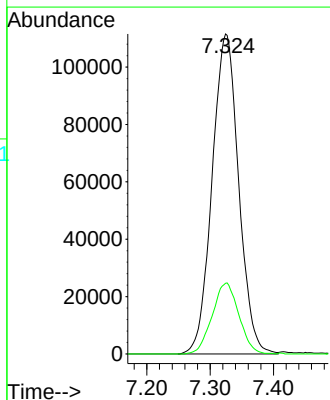
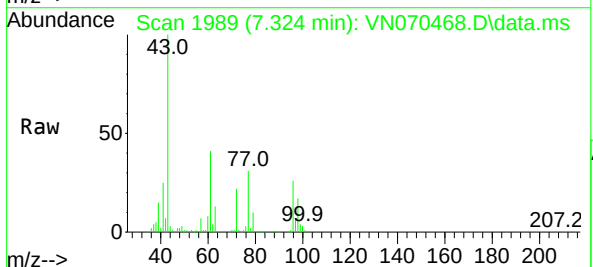
Manual Integrations
APPROVED

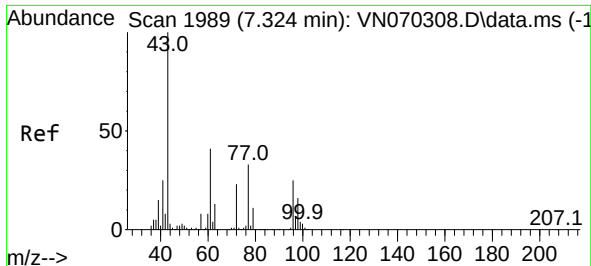
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#26
2,2-Dichloropropane
Concen: 16.929 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Tgt Ion: 77 Resp: 324469
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.045 ug/l

RT: 7.321 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070468.D

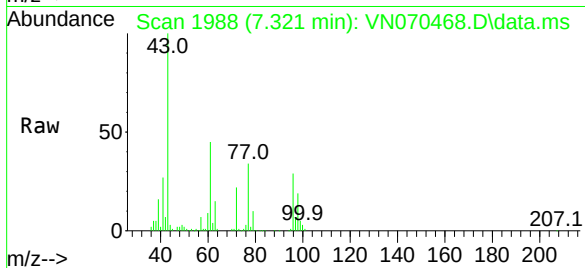
Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01



Tgt Ion: 96 Resp: 25530

Ion Ratio Lower Upper

96 100

61 159.7 0.0 275.0

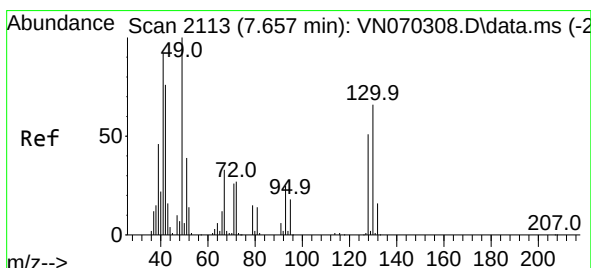
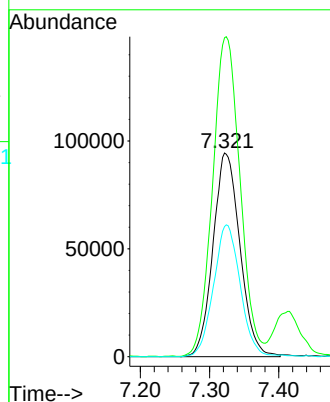
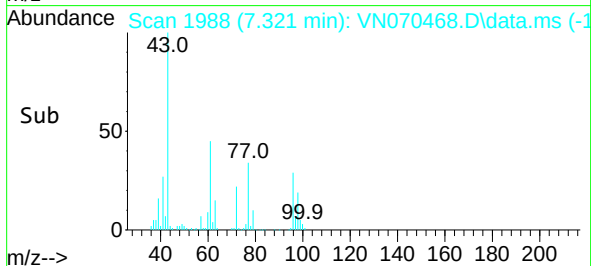
98 64.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#28

Bromochloromethane

Concen: 19.333 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

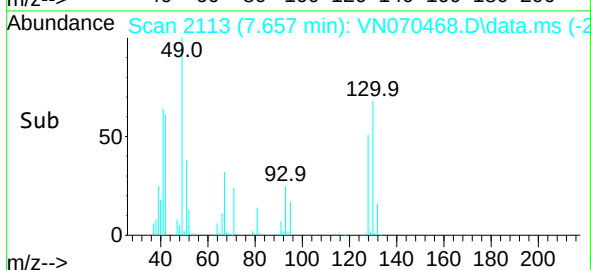
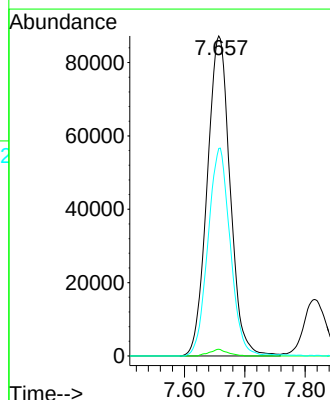
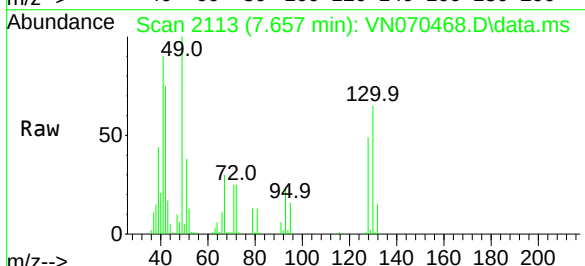
Tgt Ion: 49 Resp: 229711

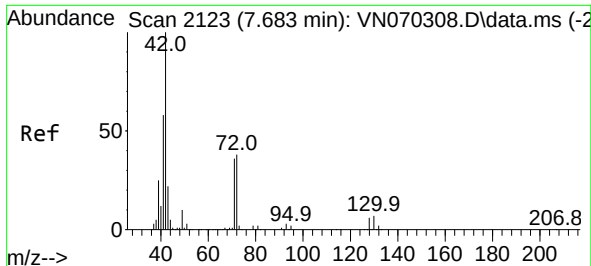
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 63.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 101.195 ug/l

RT: 7.684 min Scan# 2123

Delta R.T. 0.001 min

Lab File: VN070468.D

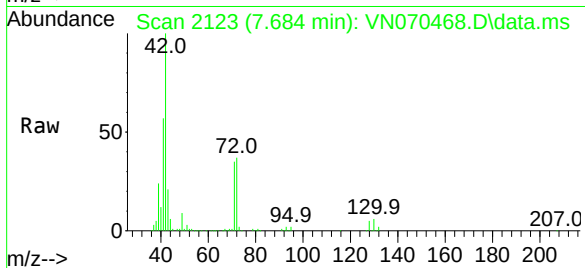
Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01



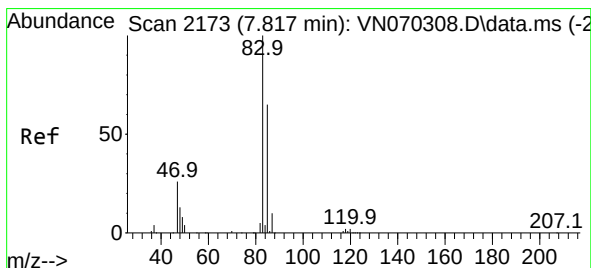
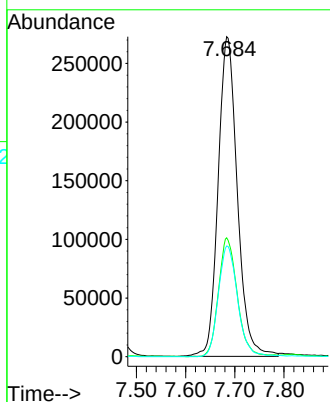
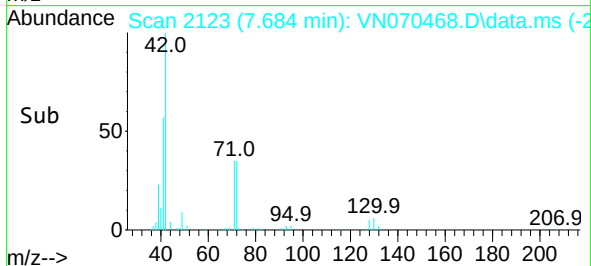
Tgt Ion:	42	Resp:	73922
Ion Ratio	100	Lower	Upper
42	100		
72	36.1	36.3	54.5
71	34.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#30

Chloroform

Concen: 18.744 ug/l

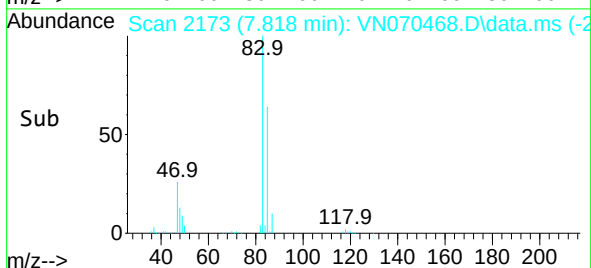
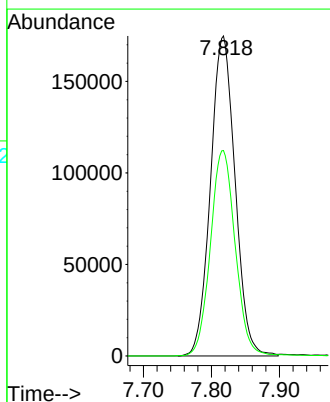
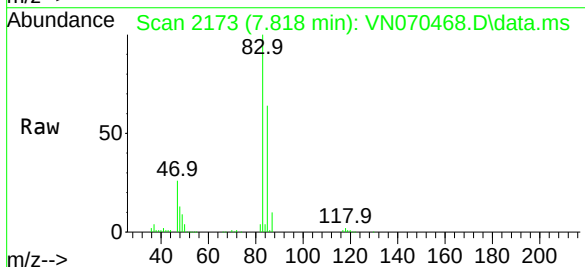
RT: 7.818 min Scan# 2173

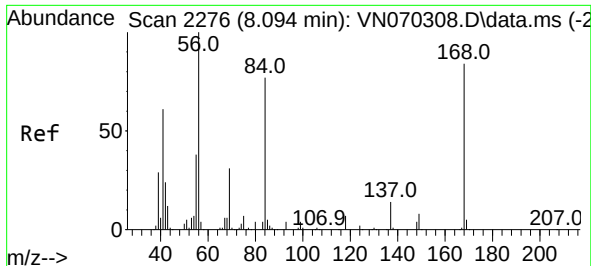
Delta R.T. 0.001 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

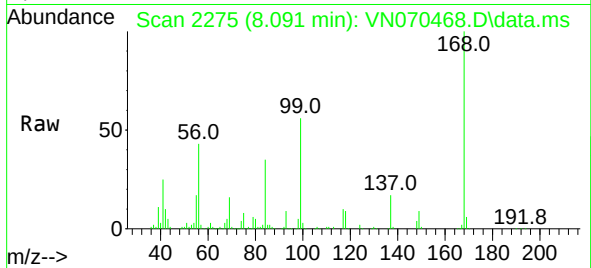
Tgt Ion:	83	Resp:	439337
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	51.9	77.9





#31
Cyclohexane
Concen: 19.159 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

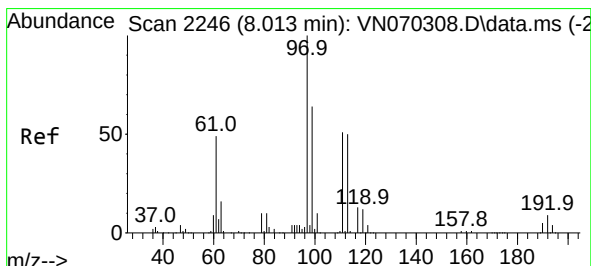
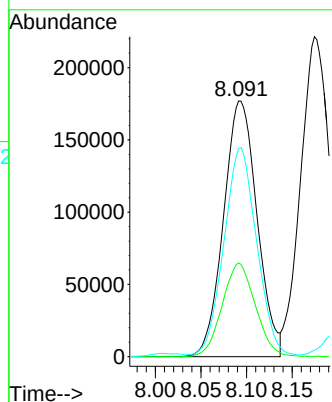
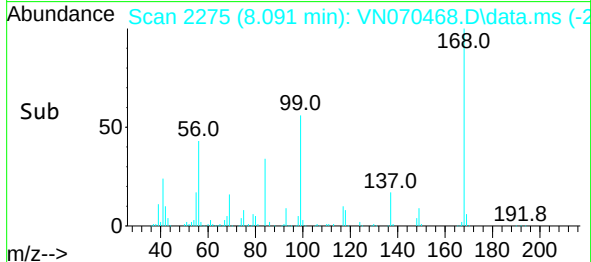
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 56 Resp: 452869
Ion Ratio Lower Upper
56 100
69 36.7 27.1 40.7
84 80.2 73.4 110.0

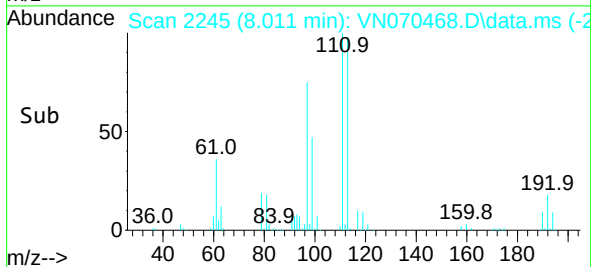
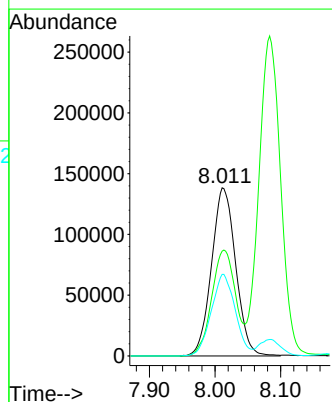
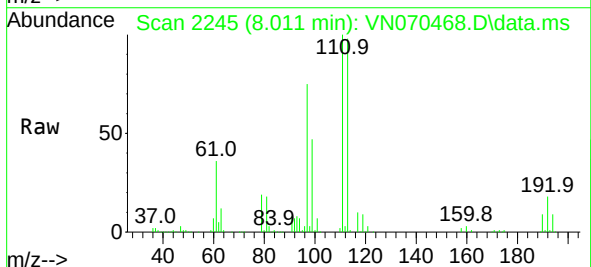
Manual Integrations
APPROVED

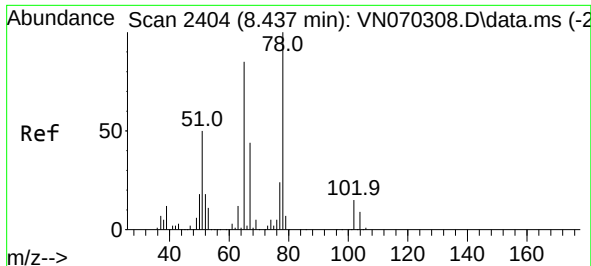
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#32
1,1,1-Trichloroethane
Concen: 17.924 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Tgt Ion: 97 Resp: 354222
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 48.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.952 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070468.D

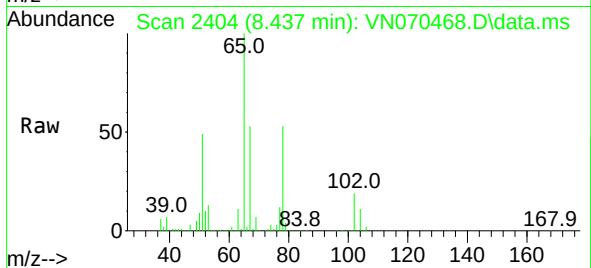
Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01



Tgt Ion: 65 Resp: 718290

Ion Ratio Lower Upper

65 100

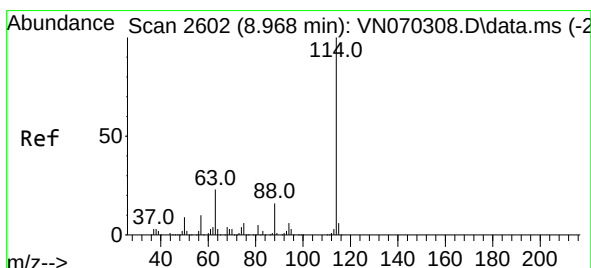
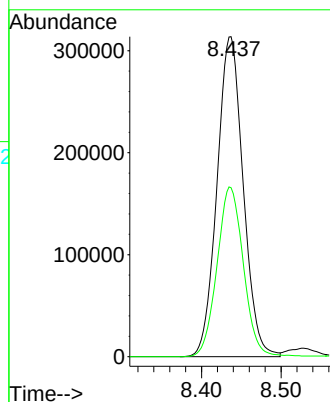
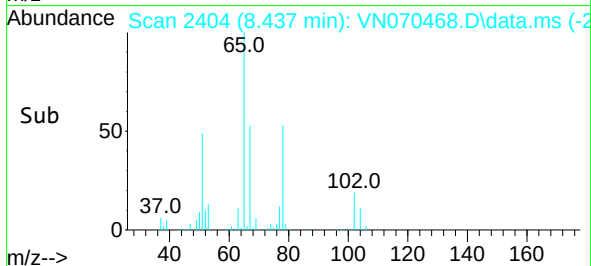
67 53.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.966 min Scan# 2601

Delta R.T. -0.002 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

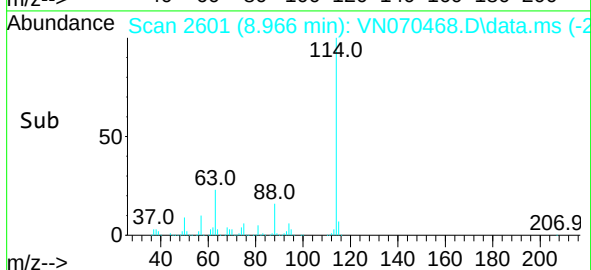
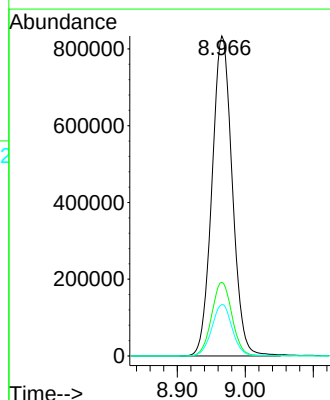
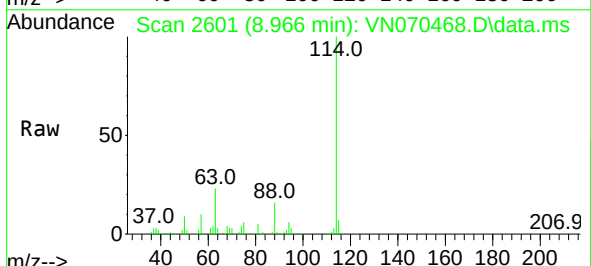
Tgt Ion:114 Resp: 1728731

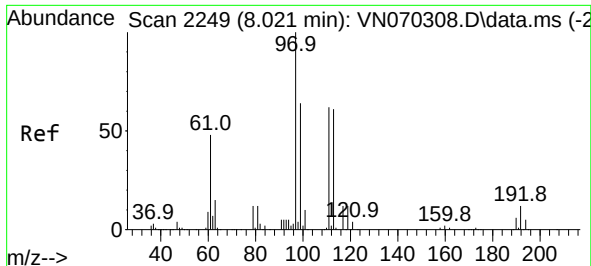
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

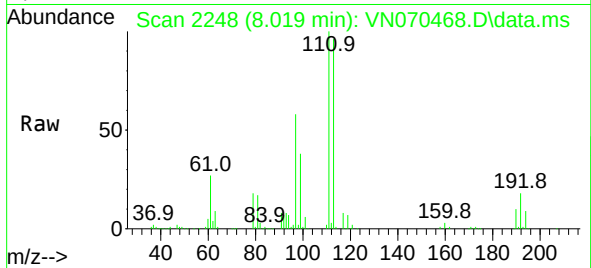
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.553 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

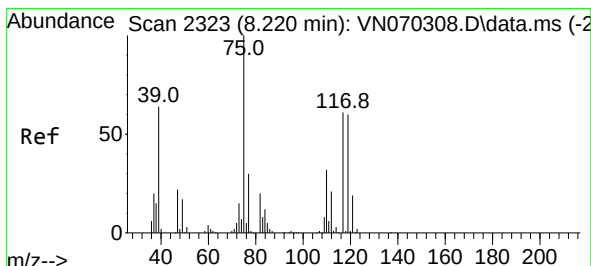
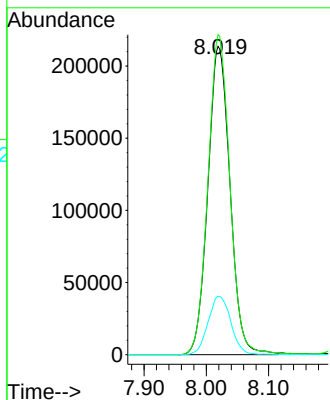
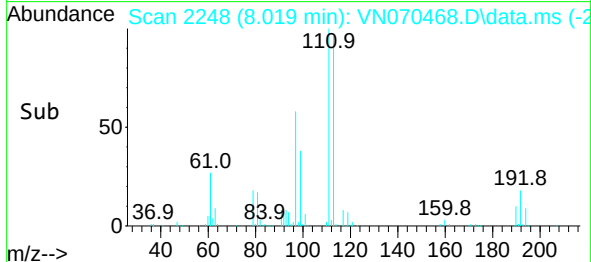
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 113 Resp: 528764
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.4 16.9 25.3

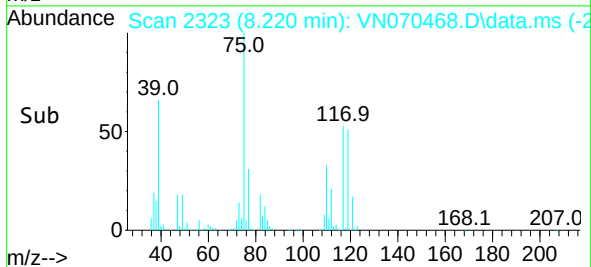
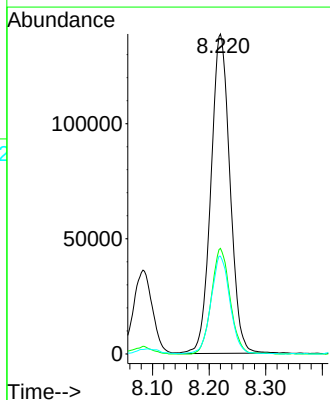
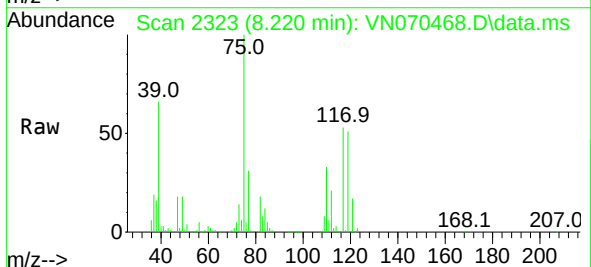
Manual Integrations
APPROVED

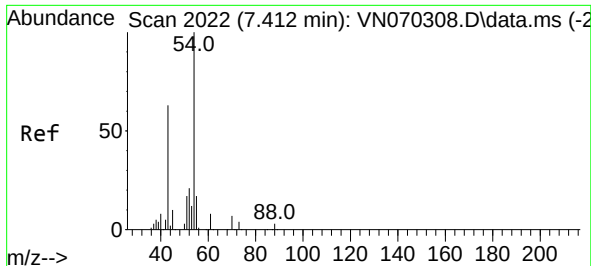
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#36
1,1-Dichloropropene
Concen: 18.768 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

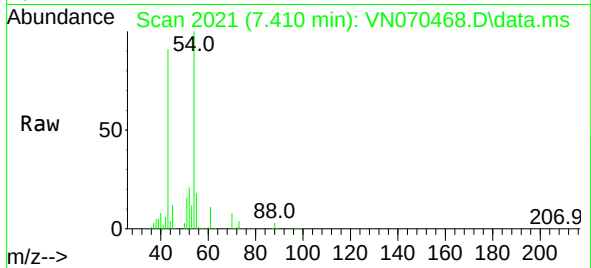
Tgt Ion: 75 Resp: 324747
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 19.397 ug/l
RT: 7.410 min Scan# 2022
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

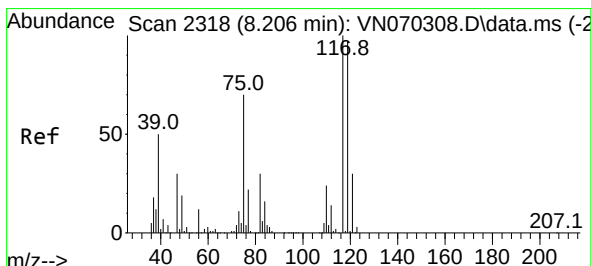
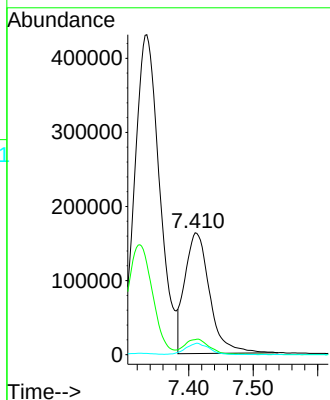
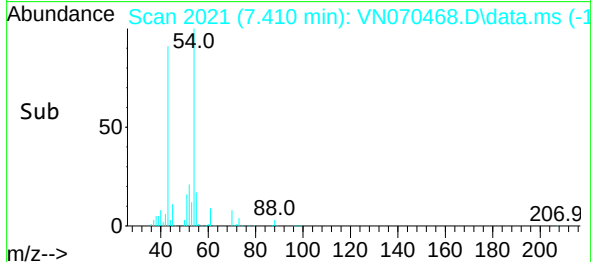
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 43 Resp: 435054
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.7 7.9 11.9

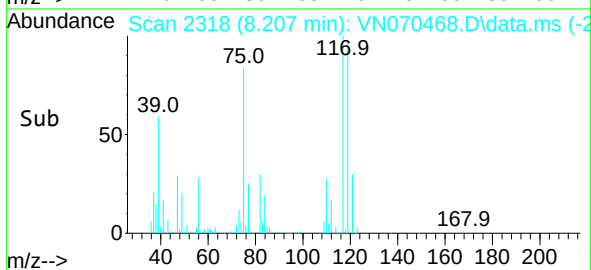
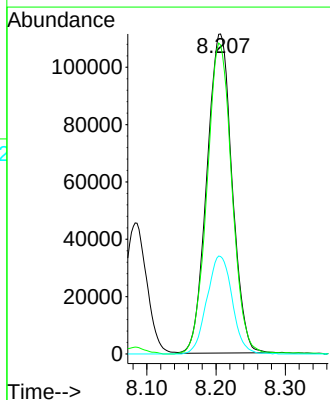
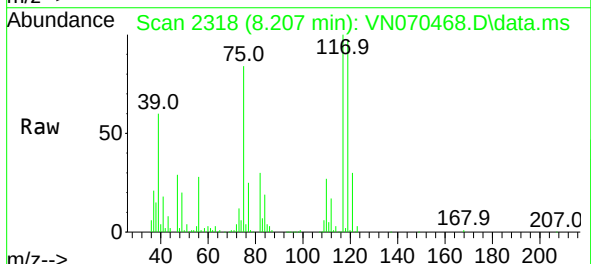
Manual Integrations
APPROVED

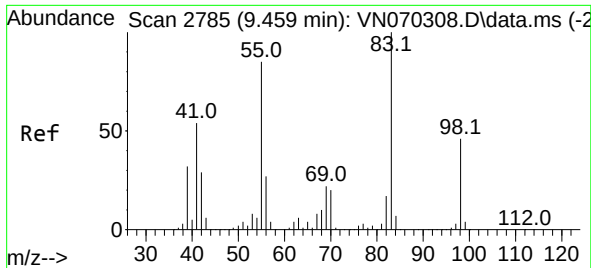
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#38
Carbon Tetrachloride
Concen: 17.035 ug/l
RT: 8.207 min Scan# 2318
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

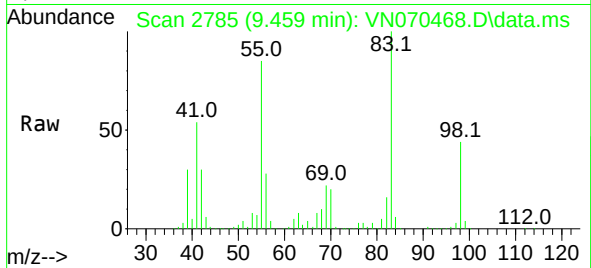
Tgt Ion:117 Resp: 281454
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 18.433 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

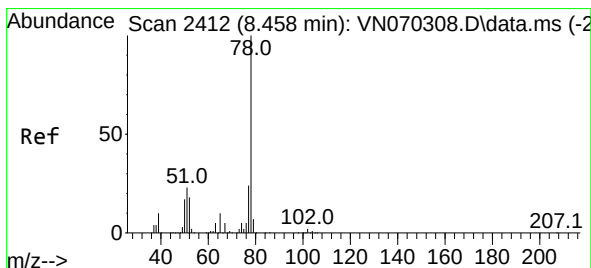
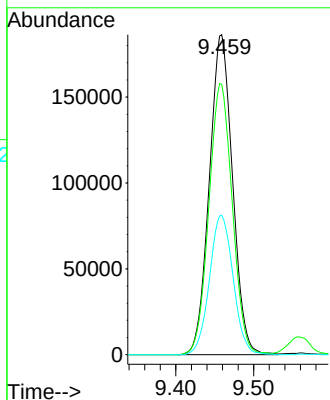
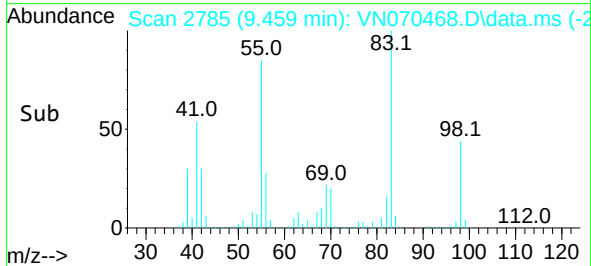
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



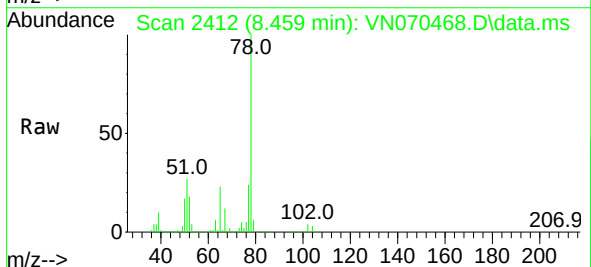
Tgt Ion: 83 Resp: 386130
Ion Ratio Lower Upper
83 100
55 84.5 58.1 87.1
98 43.6 38.4 57.6

Manual Integrations
APPROVED

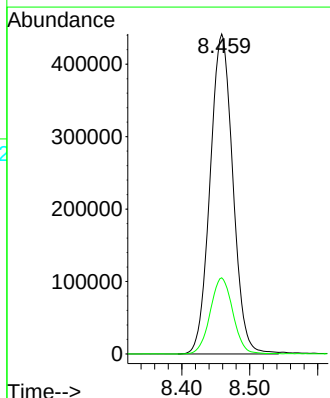
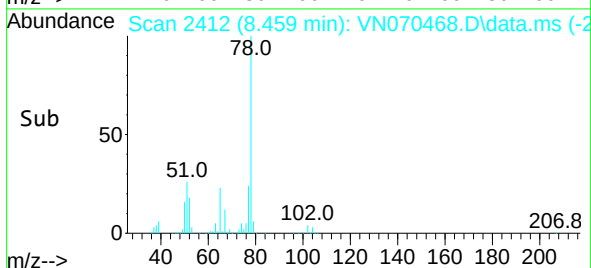
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

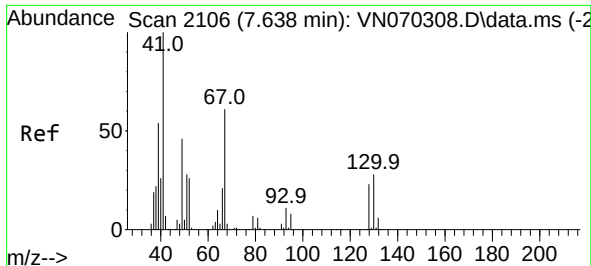


#40
Benzene
Concen: 19.369 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



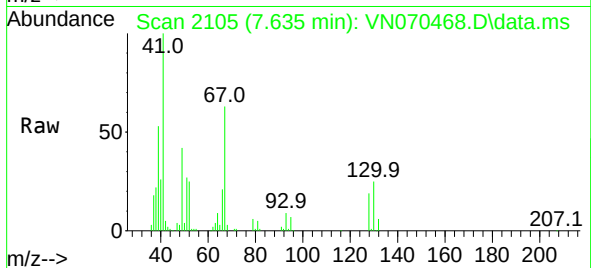
Tgt Ion: 78 Resp: 1027466
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 21.546 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

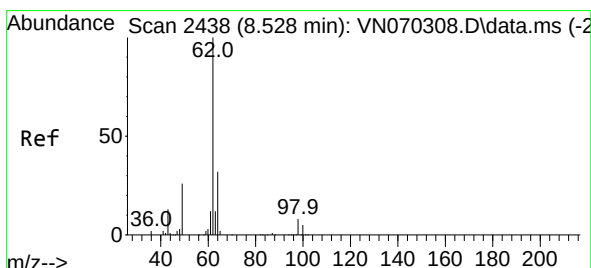
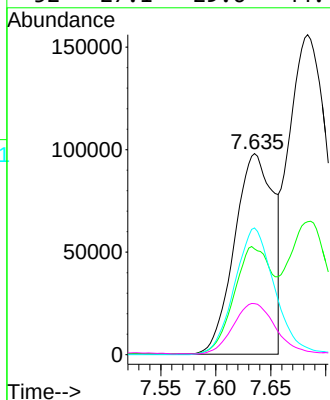
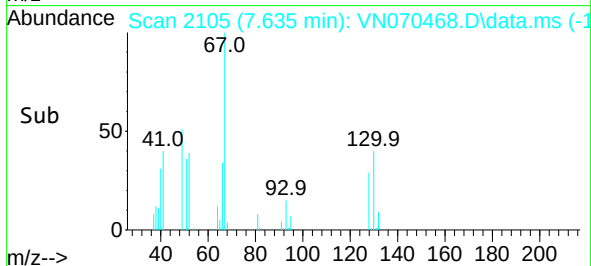
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 41 Resp: 24170
Ion Ratio Lower Upper
41 100
39 52.8 48.1 72.1
67 65.7 68.3 102.5
52 27.1 29.6 44.4#

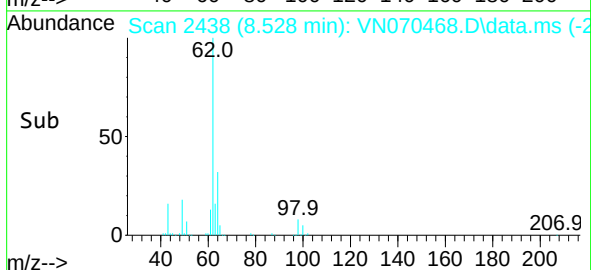
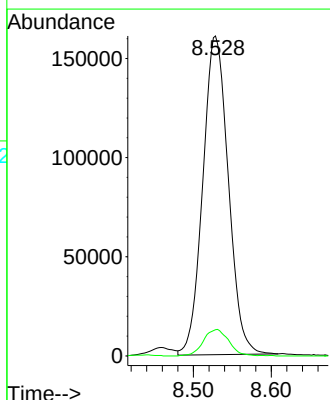
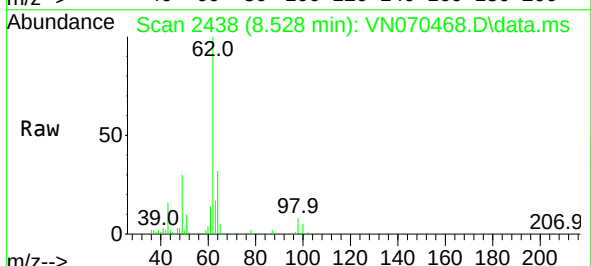
Manual Integrations
APPROVED

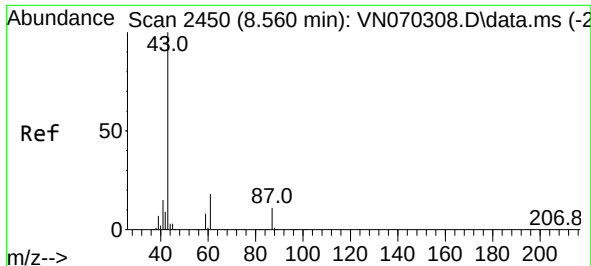
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#42
1,2-Dichloroethane
Concen: 18.349 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

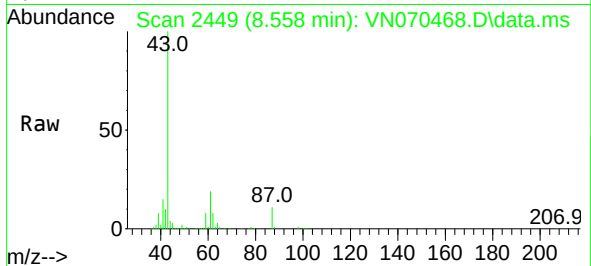
Tgt Ion: 62 Resp: 365871
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.033 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

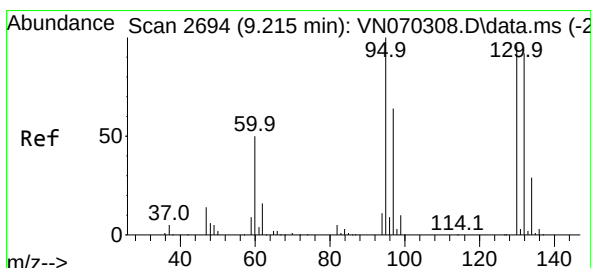
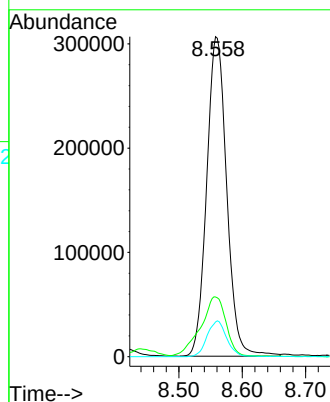
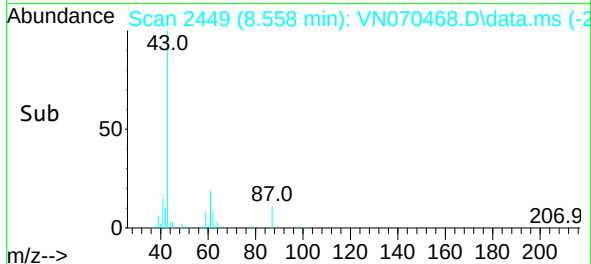
Instrument : MSVOA_N
ClientSampleId : VN0104MBS01



Tgt Ion: 43 Resp: 67303
Ion Ratio Lower Upper
43 100
61 23.6 20.4 30.6
87 10.9 11.2 16.8

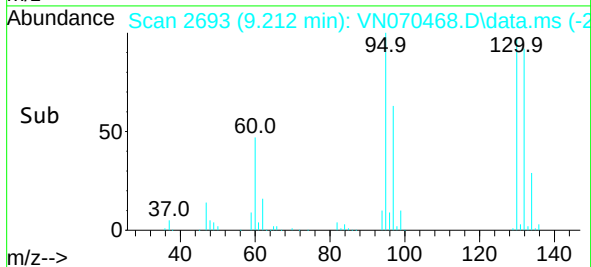
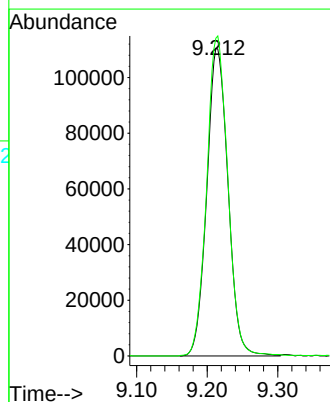
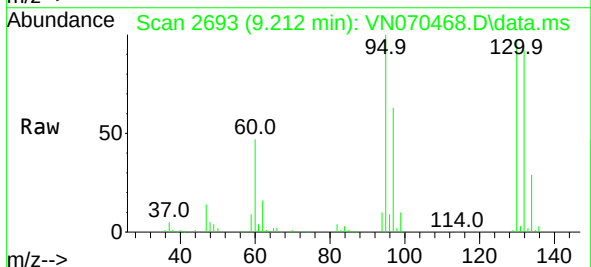
Manual Integrations
APPROVED

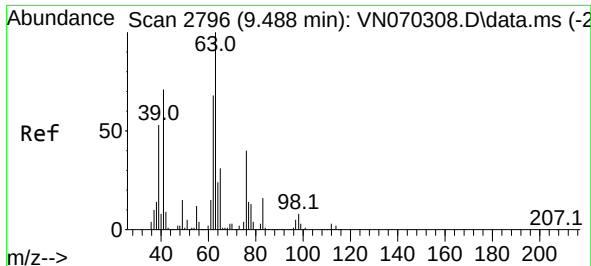
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#44
Trichloroethene
Concen: 18.352 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Tgt Ion:130 Resp: 231325
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.656 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070468.D

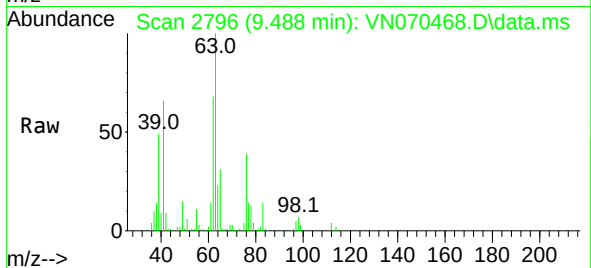
Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01



Tgt Ion: 63 Resp: 280749

Ion Ratio Lower Upper

63 100

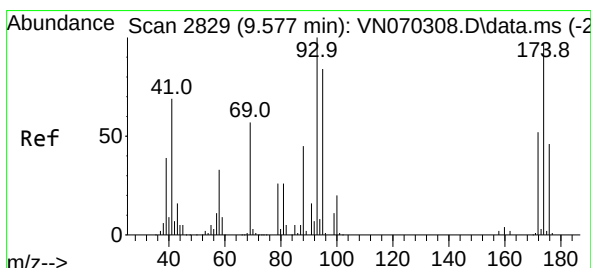
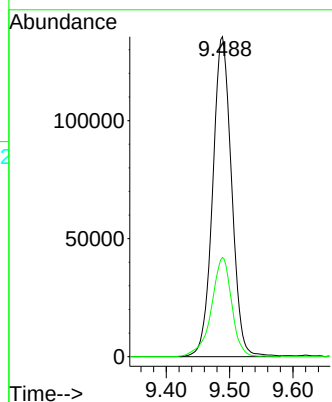
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#46

Dibromomethane

Concen: 18.606 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

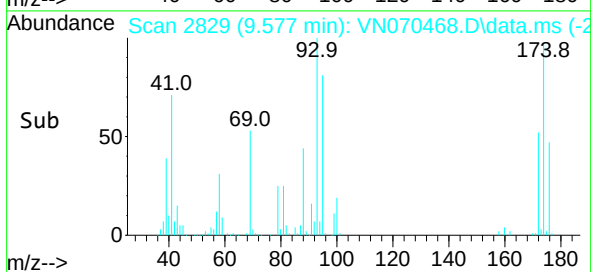
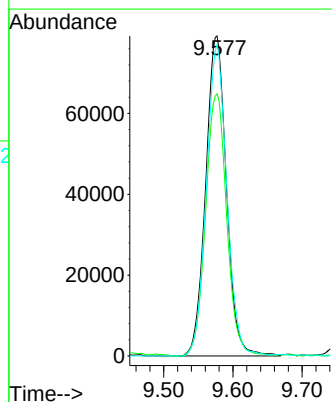
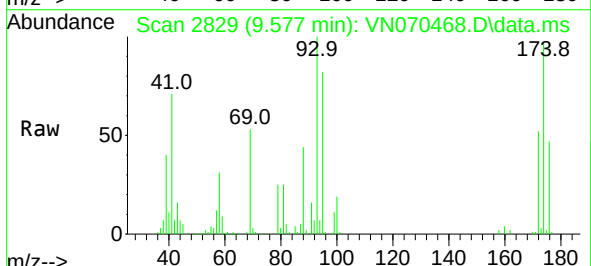
Tgt Ion: 93 Resp: 165244

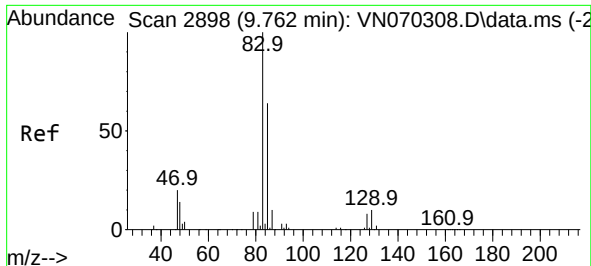
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

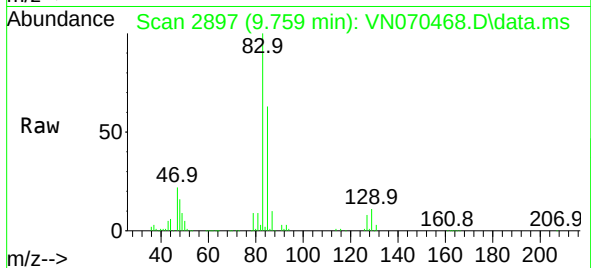
174 95.8 84.6 127.0





#47
Bromodichloromethane
Concen: 17.976 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

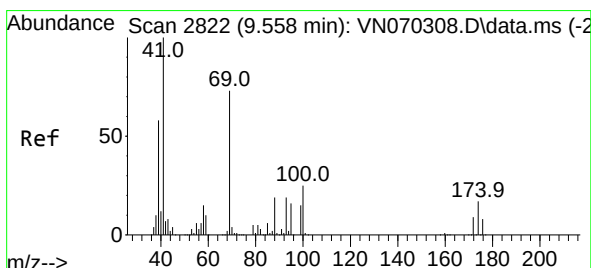
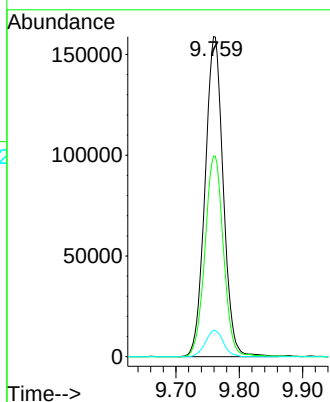
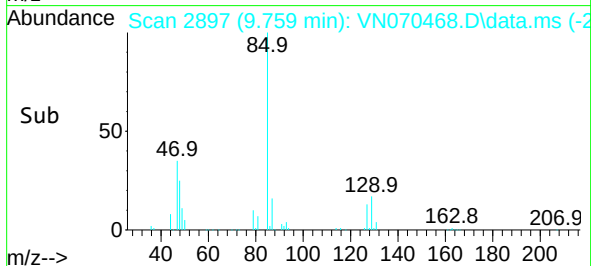
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 83 Resp: 31700
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 8.2 7.1 10.7

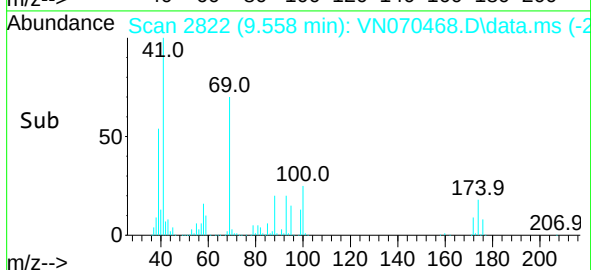
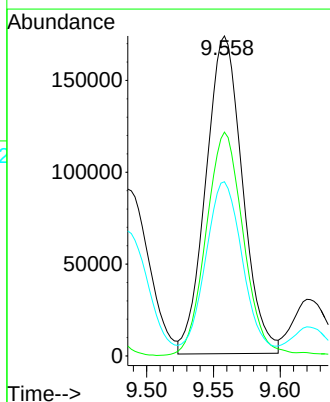
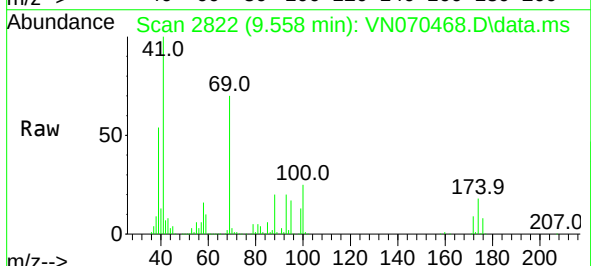
Manual Integrations
APPROVED

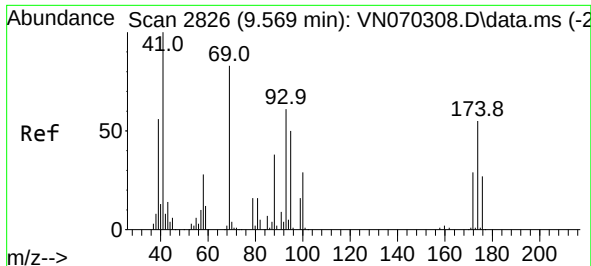
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#48
Methyl methacrylate
Concen: 19.550 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

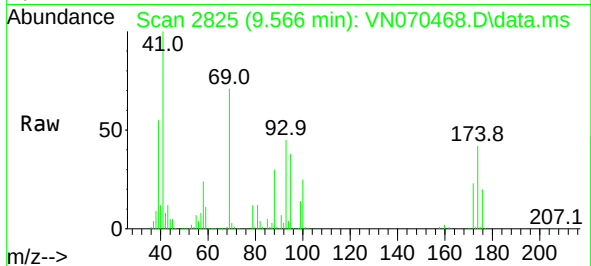
Tgt Ion: 41 Resp: 329741
Ion Ratio Lower Upper
41 100
69 71.3 72.4 108.6#
39 55.4 58.4 87.6#





#49
1,4-Dioxane
Concen: 380.419 ug/l
RT: 9.566 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

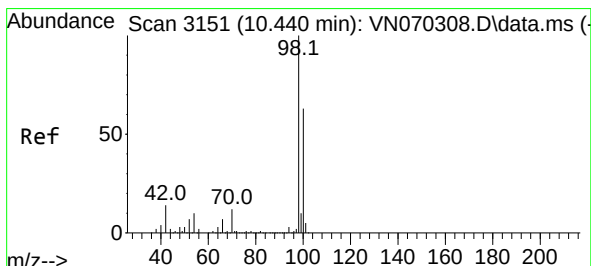
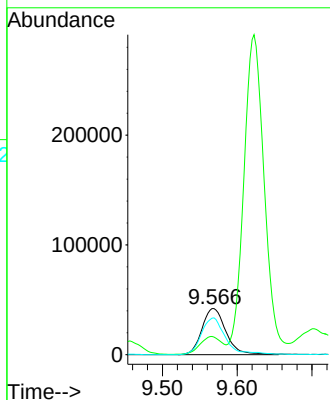
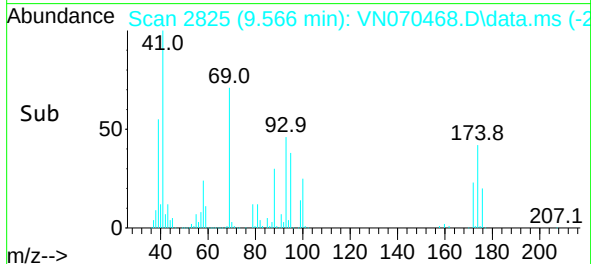
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 88 Resp: 93920
Ion Ratio Lower Upper
88 100
43 34.6 23.4 35.2
58 80.7 50.6 75.8

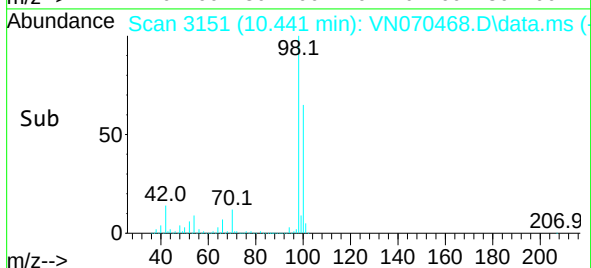
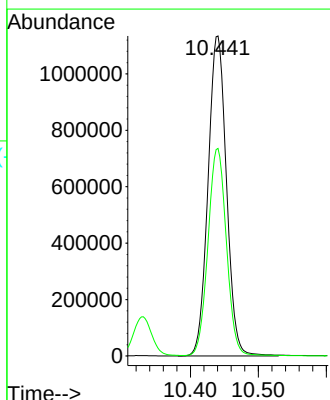
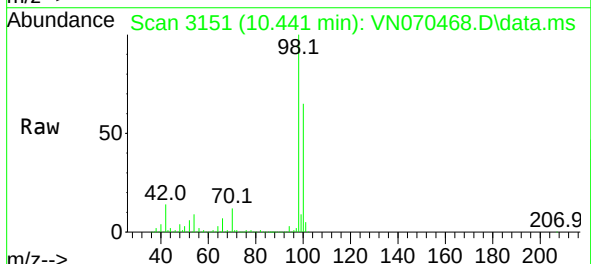
Manual Integrations
APPROVED

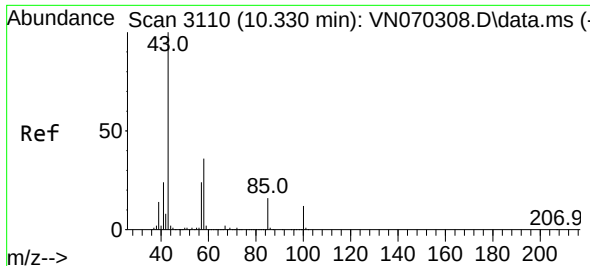
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#50
Toluene-d8
Concen: 50.026 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

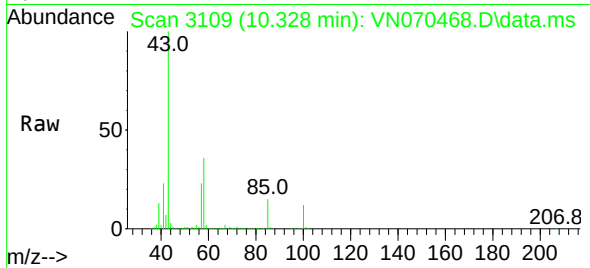
Tgt Ion: 98 Resp: 2137564
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 99.258 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

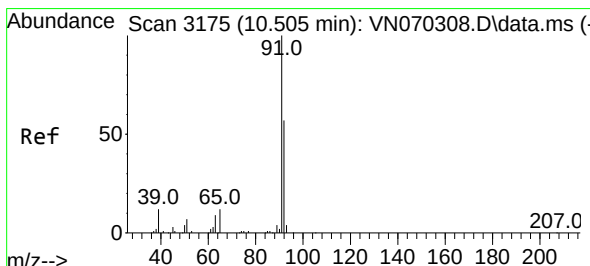
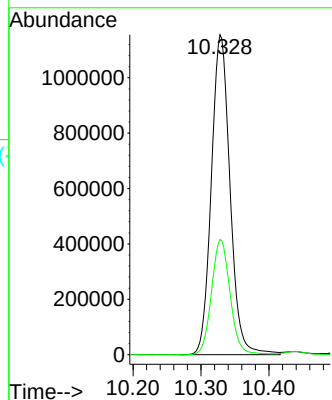
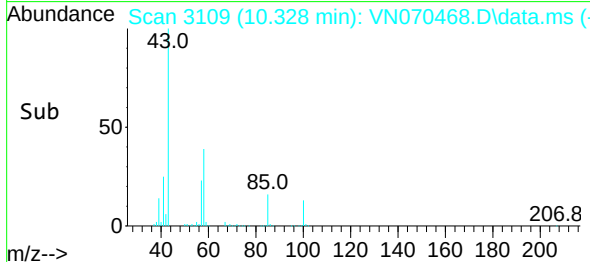
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 43 Resp: 220546
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

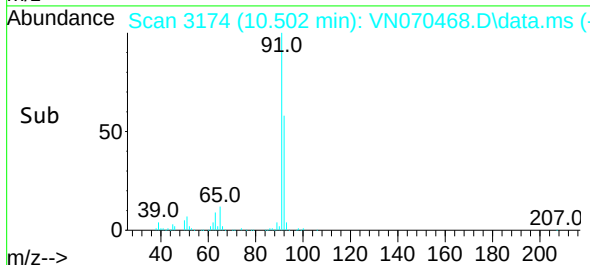
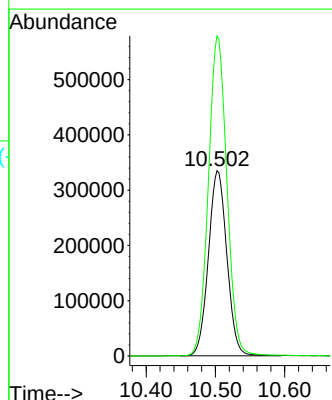
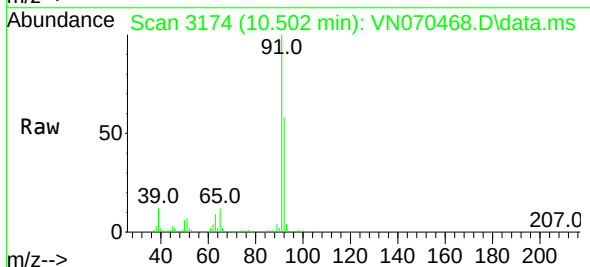
Manual Integrations
APPROVED

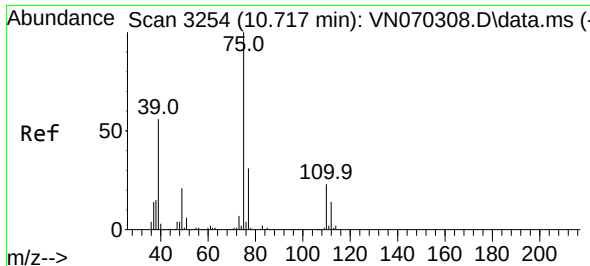
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#52
Toluene
Concen: 19.290 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

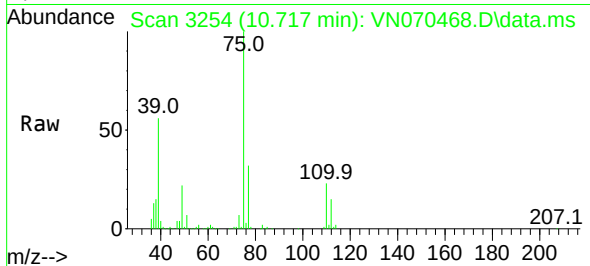
Tgt Ion: 92 Resp: 619388
Ion Ratio Lower Upper
92 100
91 173.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.470 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

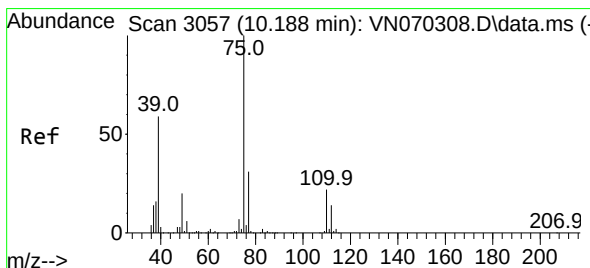
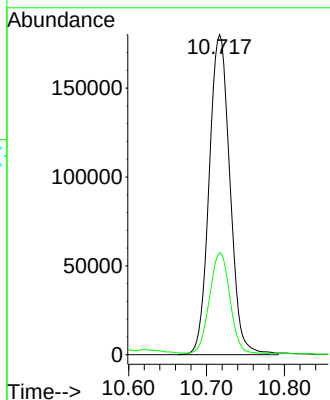
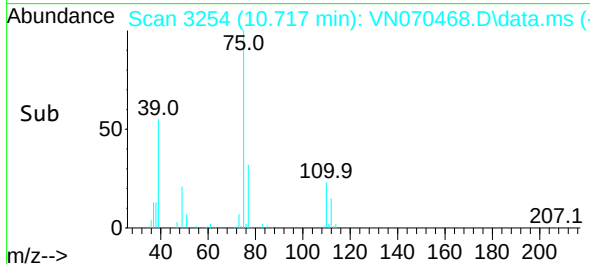
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



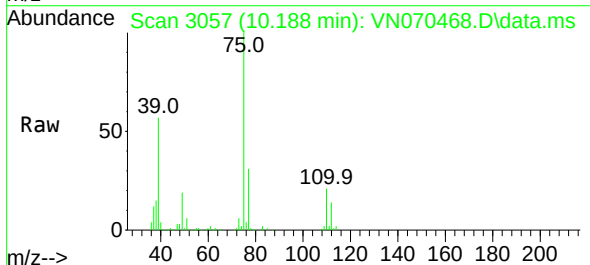
Tgt Ion: 75 Resp: 33353
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

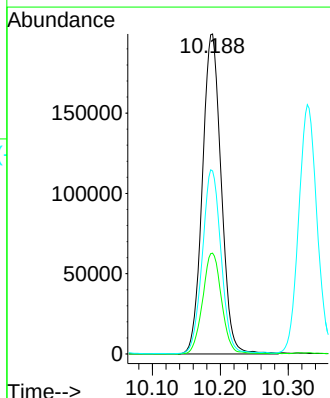
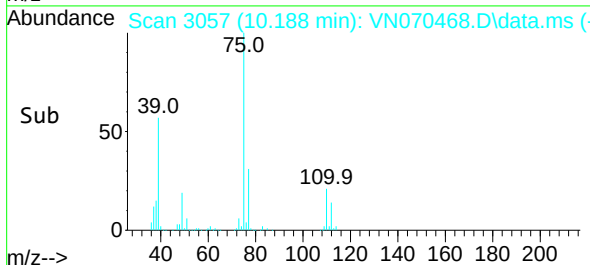
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

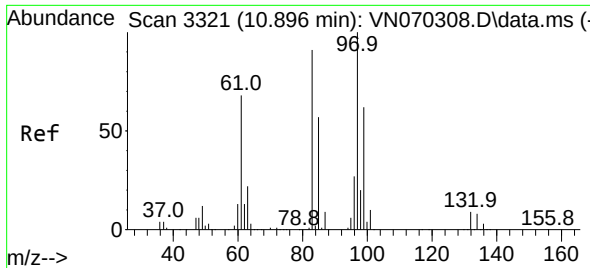


#54
cis-1,3-Dichloropropene
Concen: 18.557 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



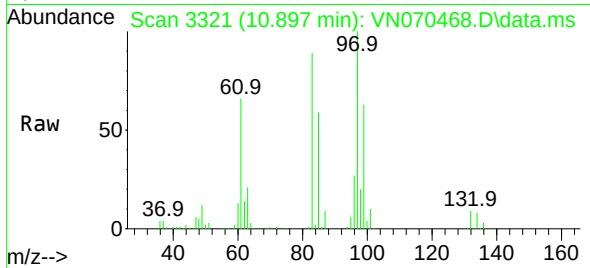
Tgt Ion: 75 Resp: 383237
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 57.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.262 ug/l
RT: 10.897 min Scan# 3321
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01

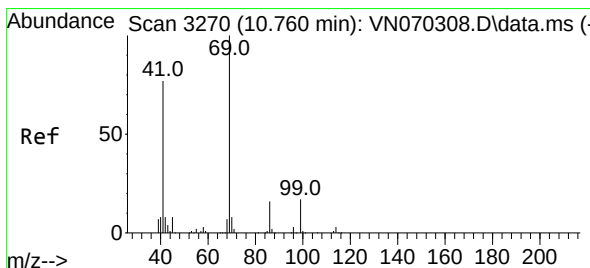
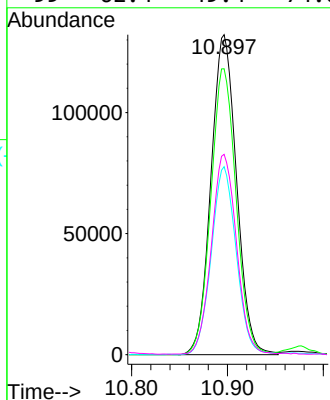
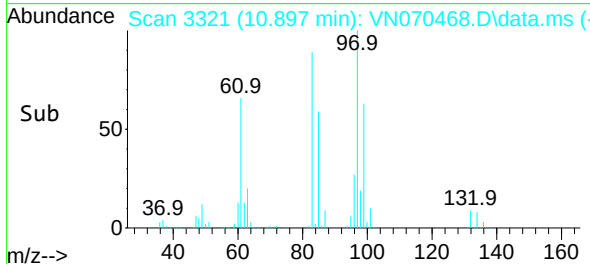


Tgt Ion: 97 Resp: 244709

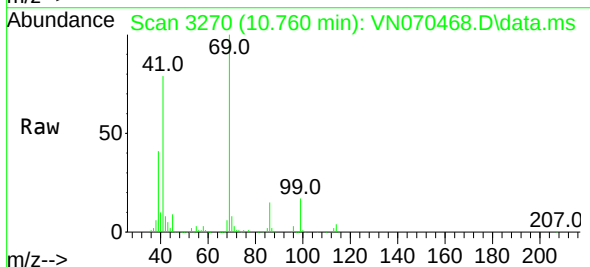
Ion	Ratio	Lower	Upper
97	100		
83	89.4	67.8	101.6
85	58.8	45.4	68.2
99	62.4	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

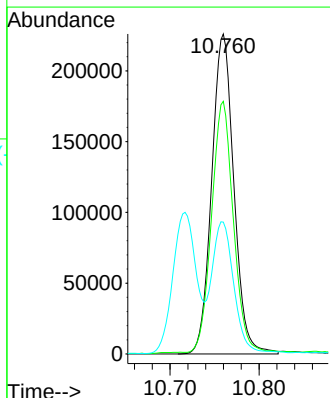
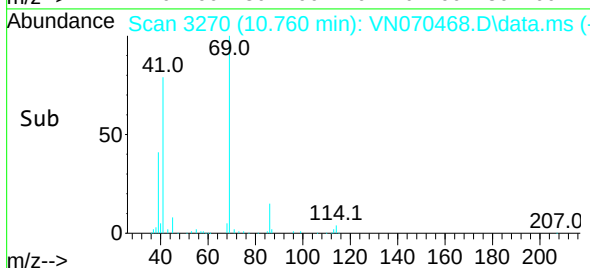


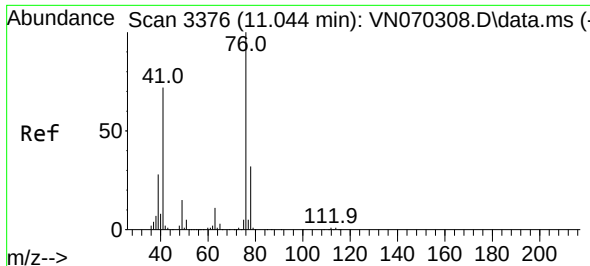
#56
Ethyl methacrylate
Concen: 18.646 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



Tgt Ion: 69 Resp: 391413

Ion	Ratio	Lower	Upper
69	100		
41	77.1	51.4	77.0#
39	40.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.631 ug/l

RT: 11.041 min Scan# 311

Delta R.T. -0.003 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01

Tgt Ion: 76 Resp: 44111

Ion Ratio Lower Upper

76 100

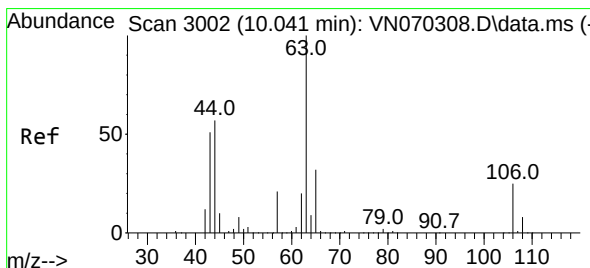
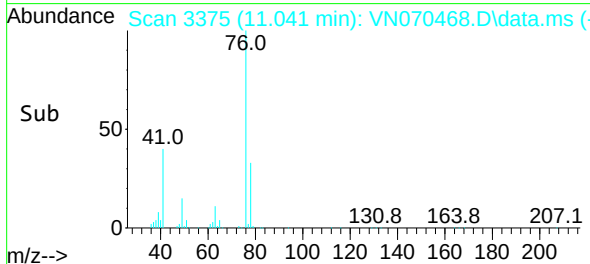
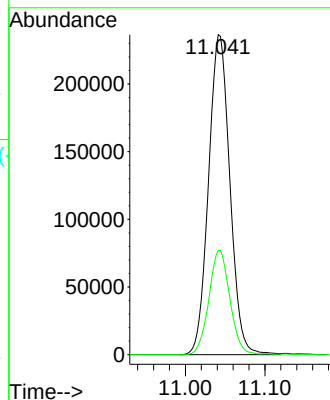
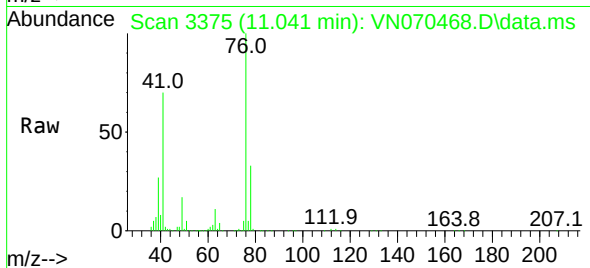
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 76.883 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070468.D

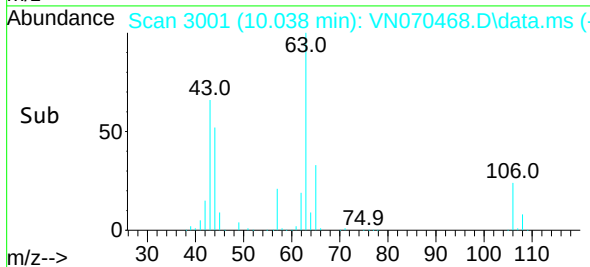
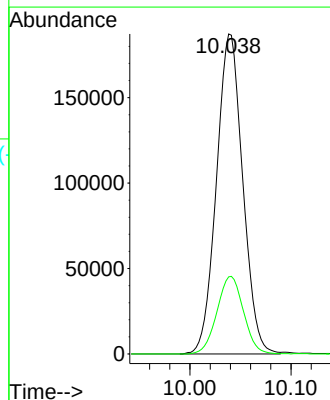
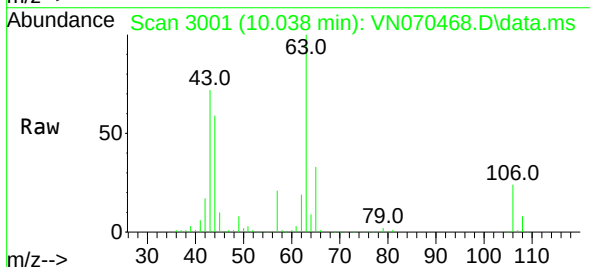
Acq: 4 Jan 2022 17:08

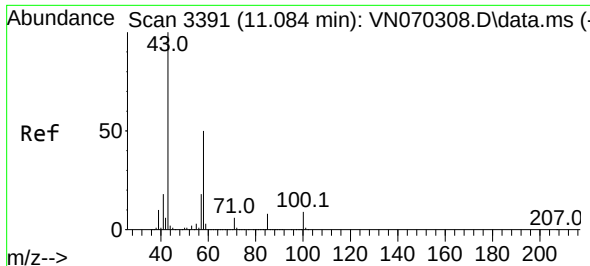
Tgt Ion: 63 Resp: 338007

Ion Ratio Lower Upper

63 100

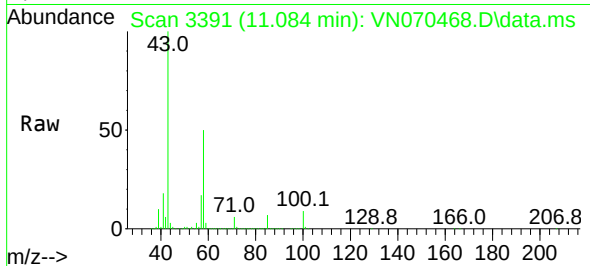
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 93.953 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

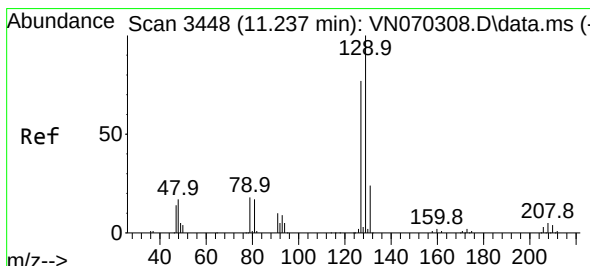
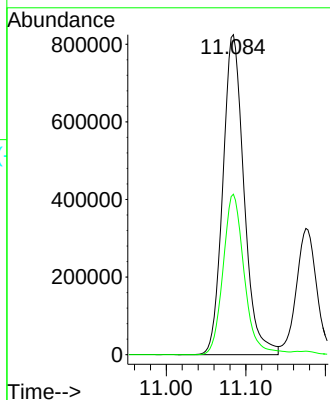
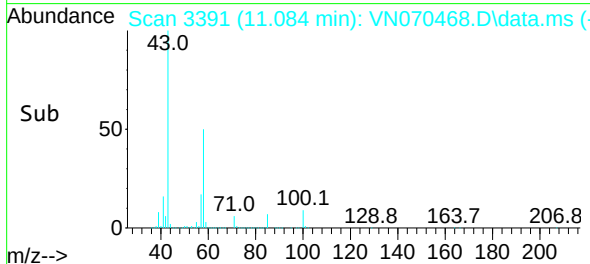
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 43 Resp: 1522380
Ion Ratio Lower Upper
43 100
58 50.2 26.9 80.7

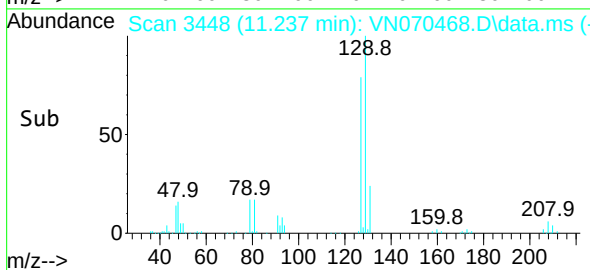
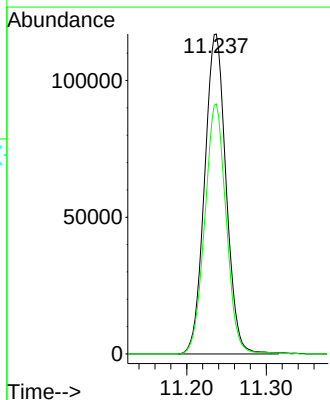
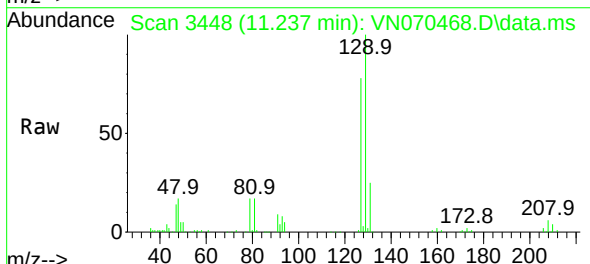
Manual Integrations
APPROVED

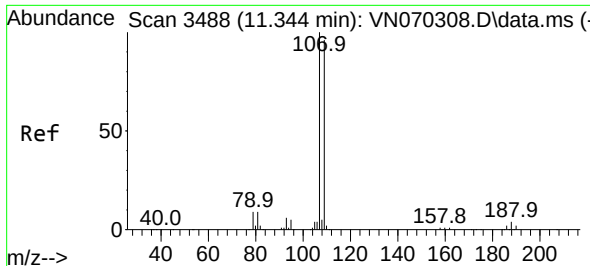
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#60
Dibromochloromethane
Concen: 17.696 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

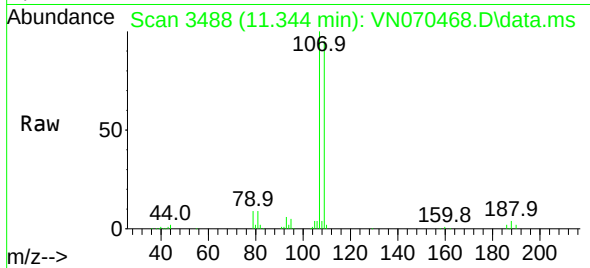
Tgt Ion:129 Resp: 219347
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.450 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

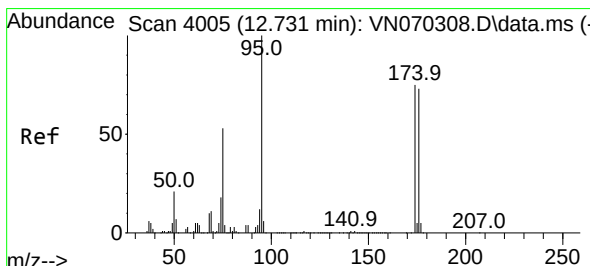
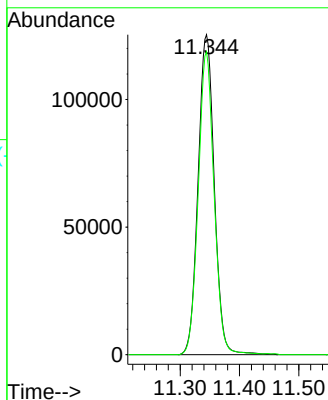
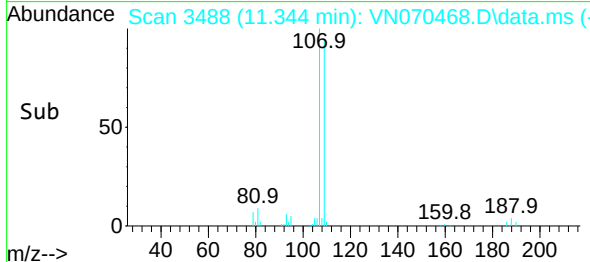
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion:107 Resp: 237995
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

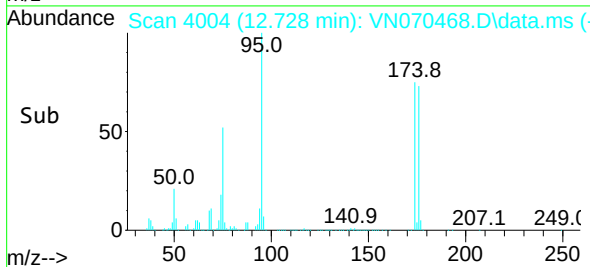
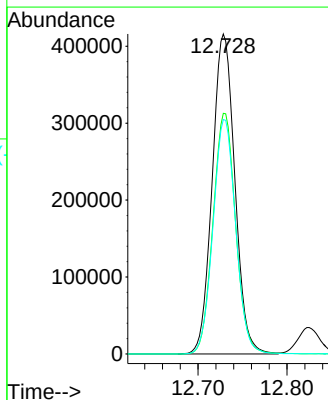
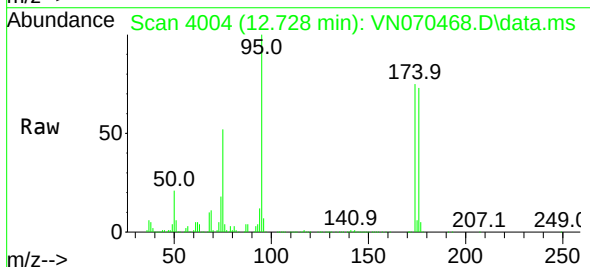
Manual Integrations
APPROVED

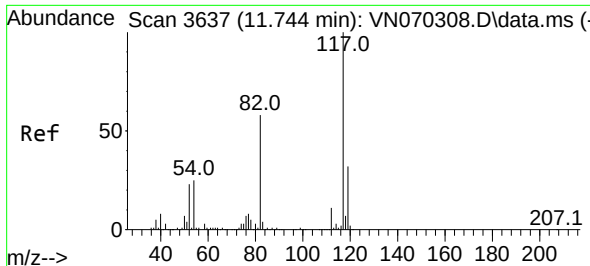
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

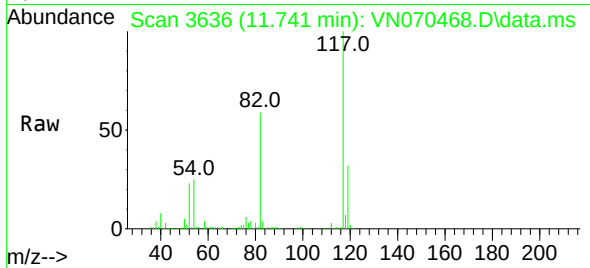
Tgt Ion: 95 Resp: 733649
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

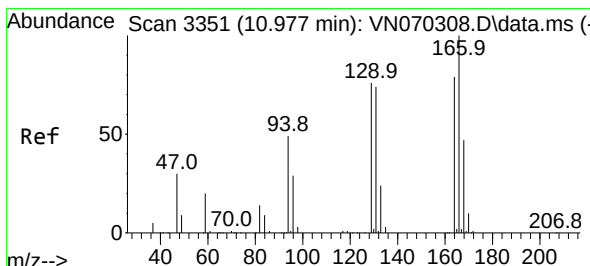
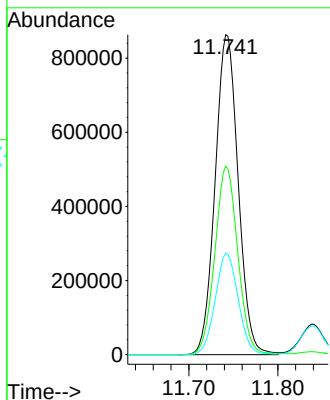
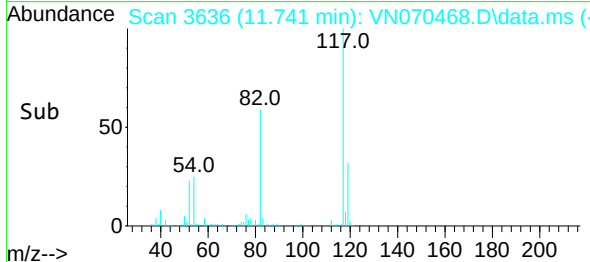
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion:117 Resp: 1556362
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 31.7 25.4 38.2

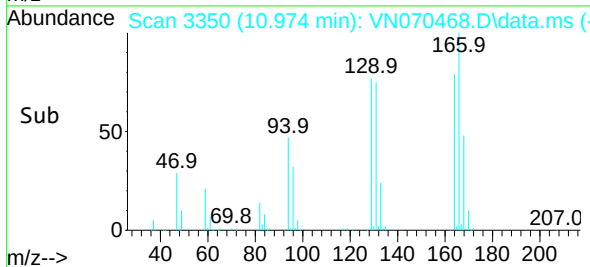
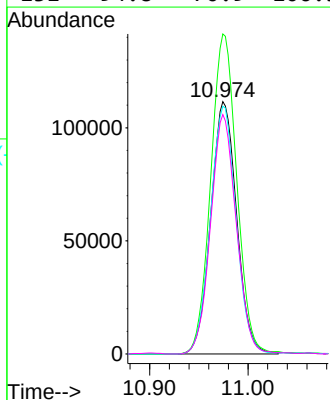
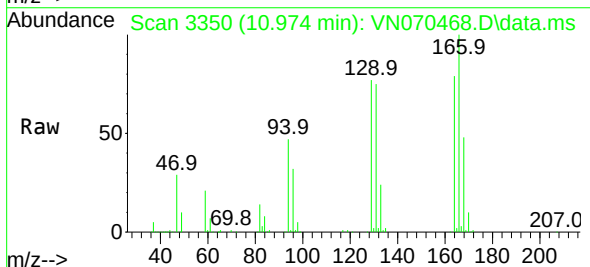
Manual Integrations
APPROVED

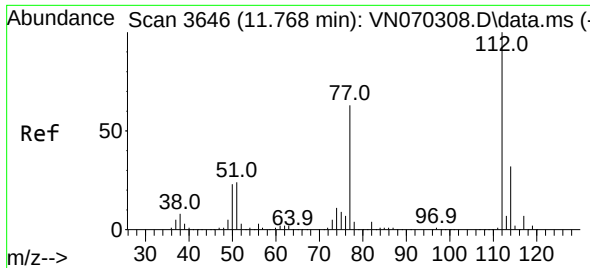
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#64
Tetrachloroethene
Concen: 18.126 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

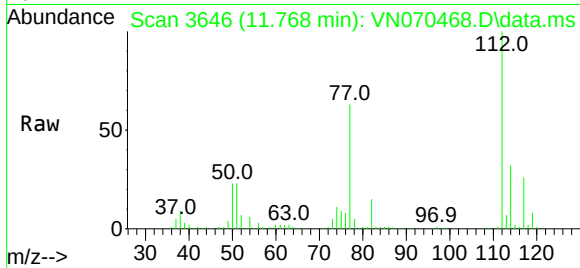
Tgt Ion:164 Resp: 204285
Ion Ratio Lower Upper
164 100
166 126.8 101.9 152.9
129 98.1 72.0 108.0
131 94.8 70.9 106.3





#65
Chlorobenzene
Concen: 19.207 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

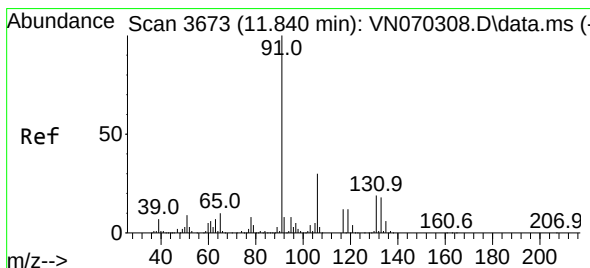
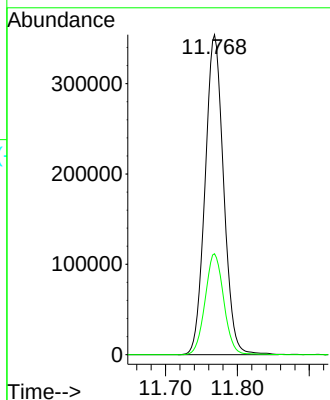
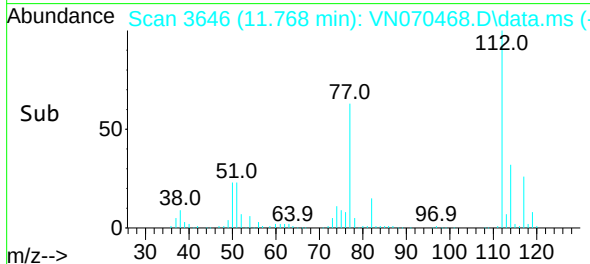
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



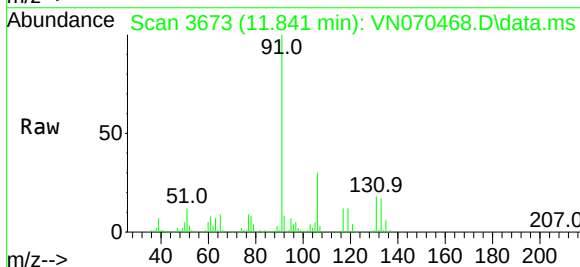
Tgt Ion:112 Resp: 634260
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

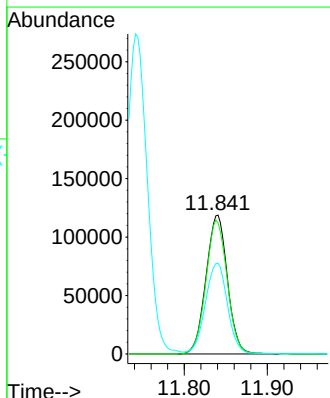
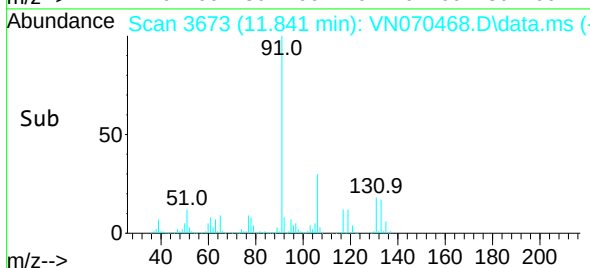
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

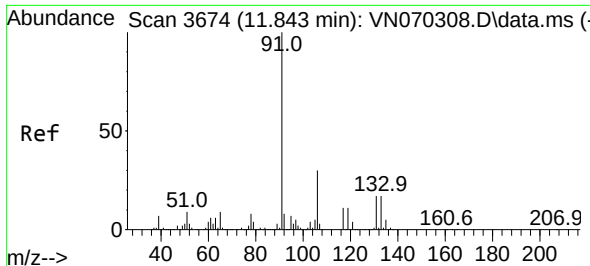


#66
1,1,1,2-Tetrachloroethane
Concen: 18.070 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



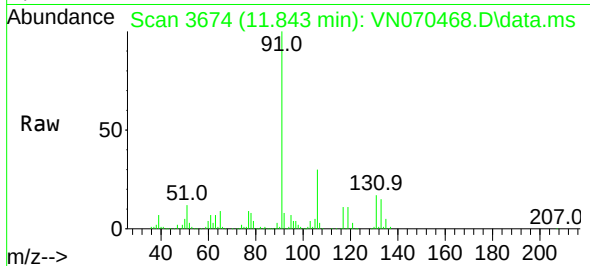
Tgt Ion:131 Resp: 213032
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 67.1 32.1 96.5





#67
Ethyl Benzene
Concen: 19.300 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

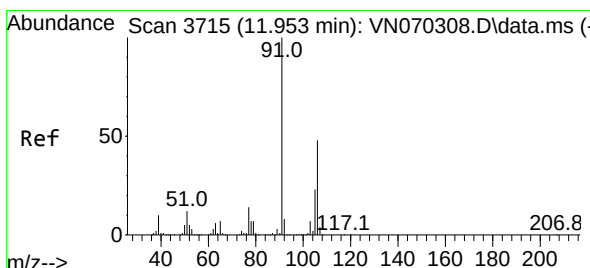
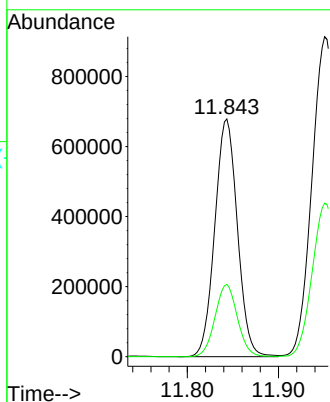
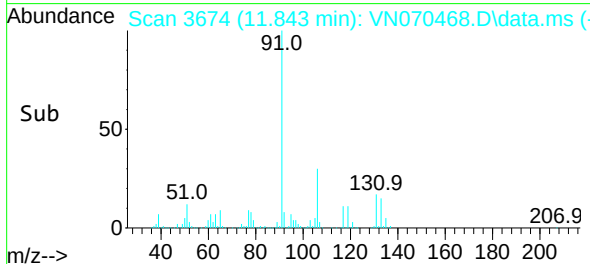
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



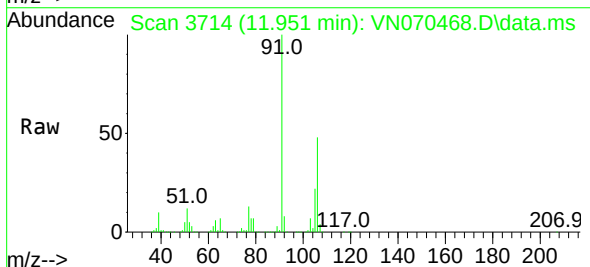
Tgt Ion: 91 Resp: 116772
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

Manual Integrations
APPROVED

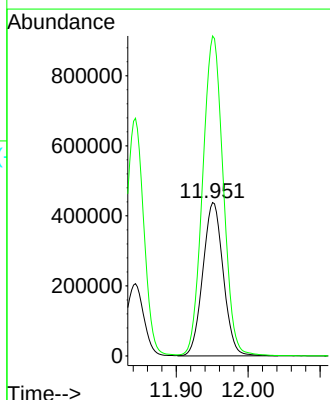
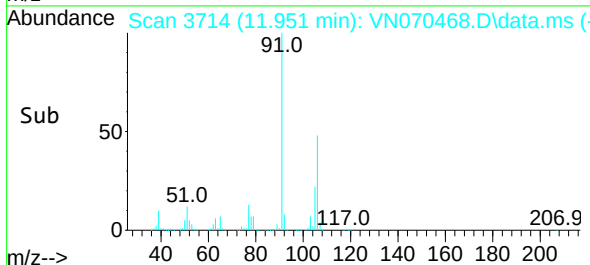
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

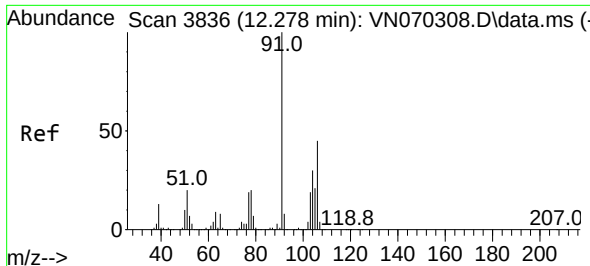


#68
m/p-Xylenes
Concen: 39.205 ug/l
RT: 11.951 min Scan# 3714
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



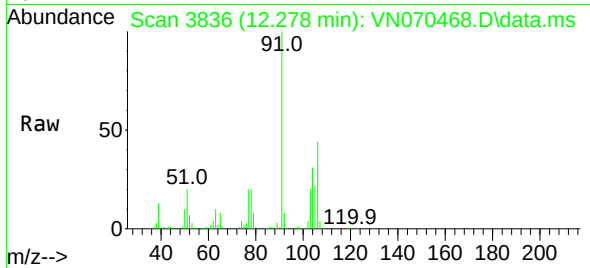
Tgt Ion:106 Resp: 863454
Ion Ratio Lower Upper
106 100
91 210.9 160.6 240.8





#69
o-Xylene
Concen: 19.343 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

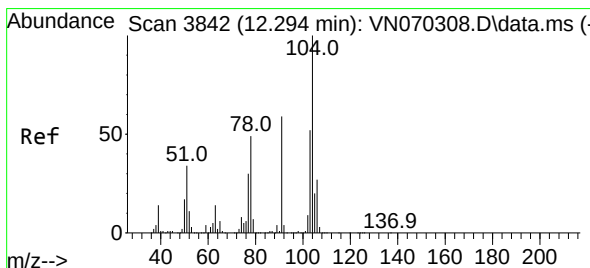
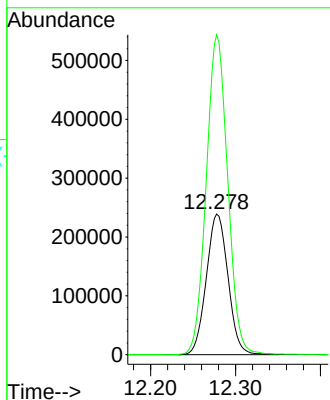
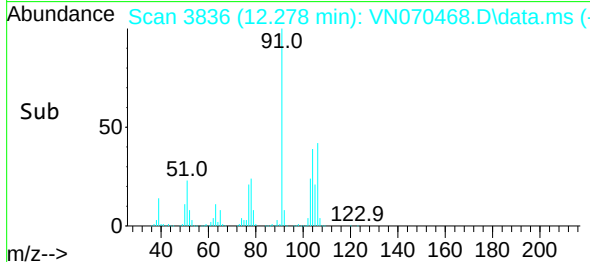
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion:106 Resp: 423730
Ion Ratio Lower Upper
106 100
91 225.4 105.8 317.3

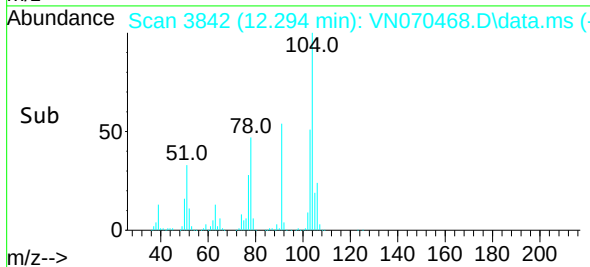
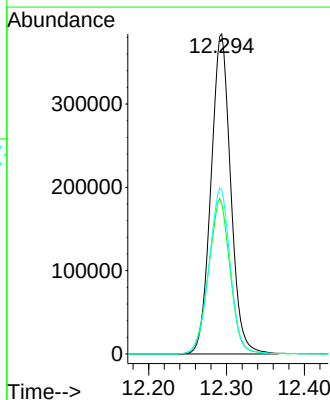
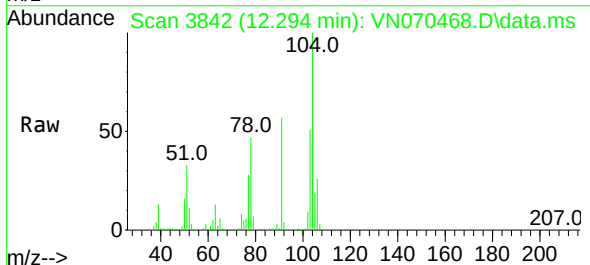
Manual Integrations
APPROVED

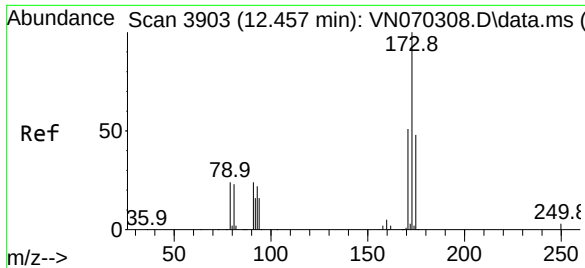
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#70
Styrene
Concen: 19.477 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

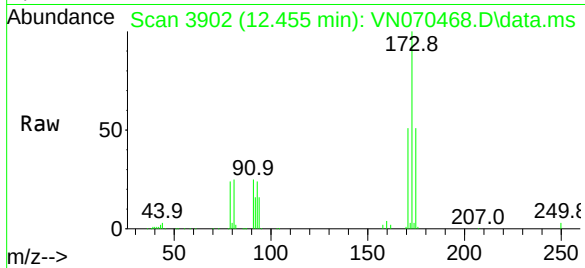
Tgt Ion:104 Resp: 675292
Ion Ratio Lower Upper
104 100
78 52.9 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 17.275 ug/l
RT: 12.455 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

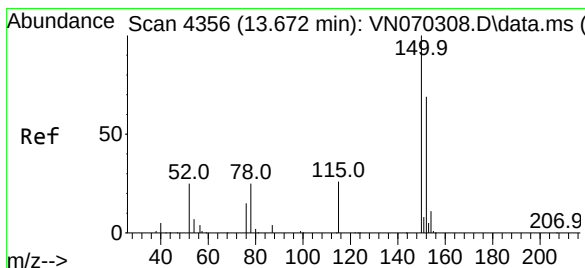
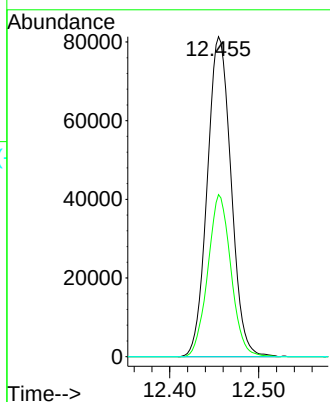
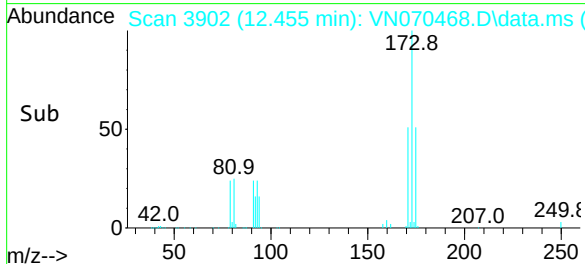
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



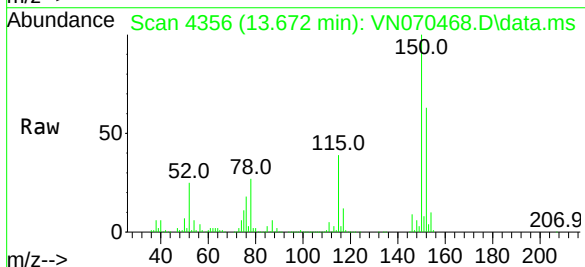
Tgt Ion:173 Resp: 15114
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

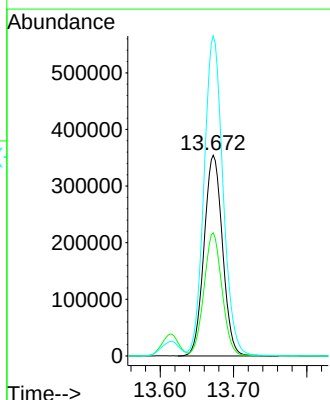
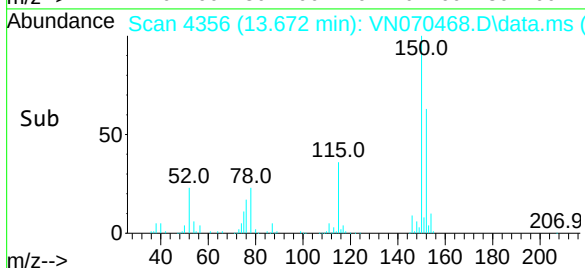
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

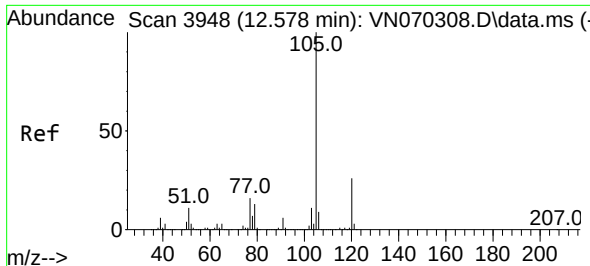


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



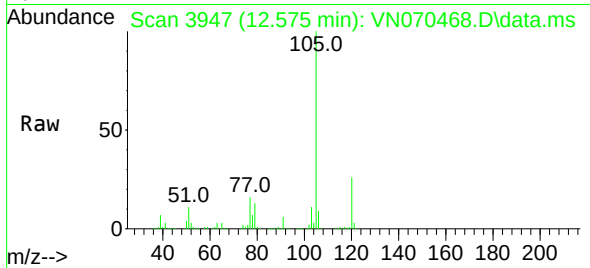
Tgt Ion:152 Resp: 620267
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 163.8 0.0 344.4





#73
Isopropylbenzene
Concen: 19.209 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

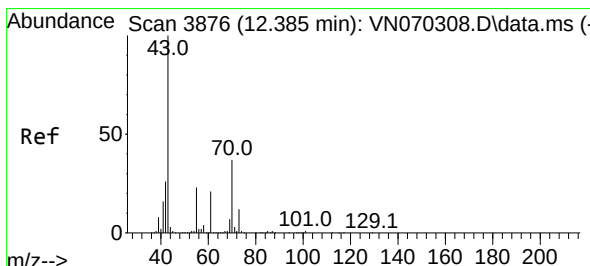
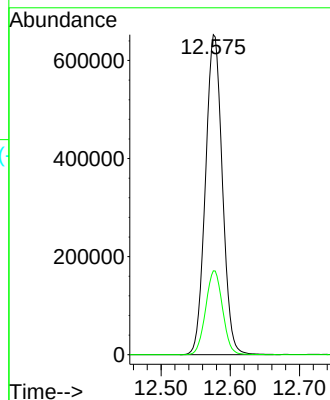
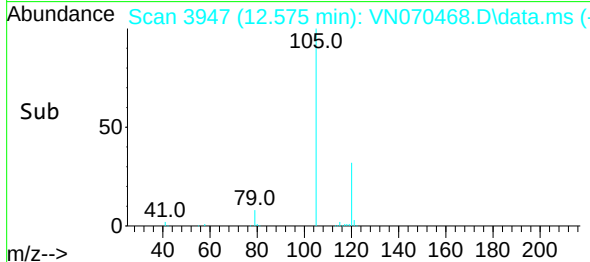
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion:105 Resp: 1106468
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

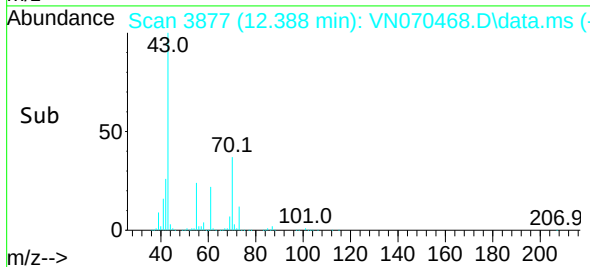
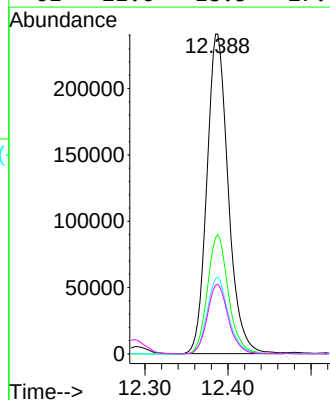
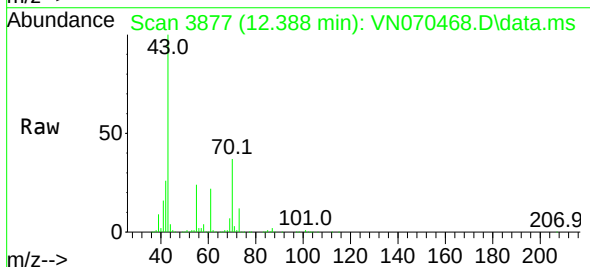
Manual Integrations
APPROVED

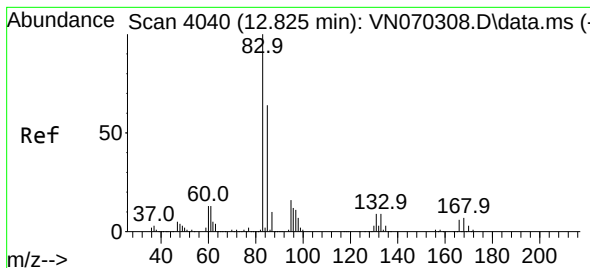
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#74
N-ethyl acetate
Concen: 17.730 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Tgt Ion: 43 Resp: 429404
Ion Ratio Lower Upper
43 100
70 36.8 33.4 50.0
55 24.1 19.3 28.9
61 21.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.865 ug/l

RT: 12.825 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01

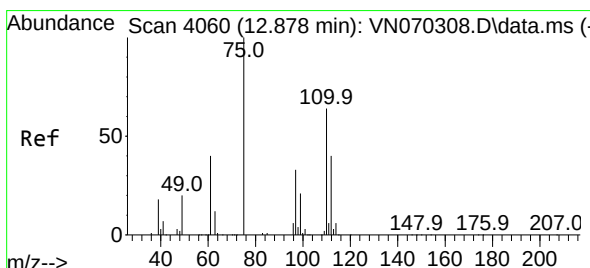
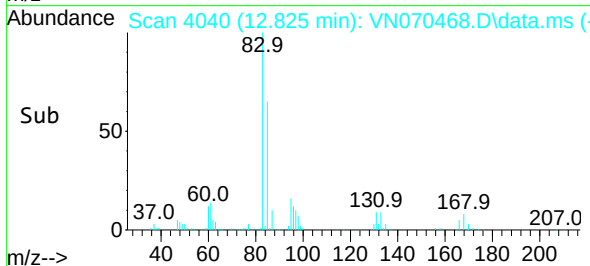
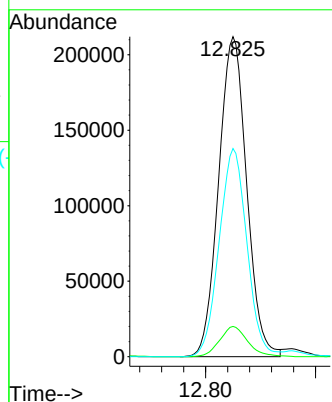
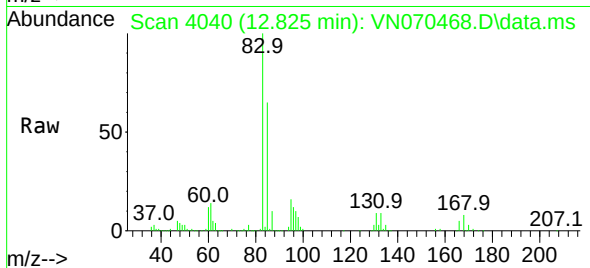
Tgt Ion: 83 Resp: 37490
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.5 16.5
 85 64.6 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#76

1,2,3-Trichloropropane

Concen: 19.048 ug/l m

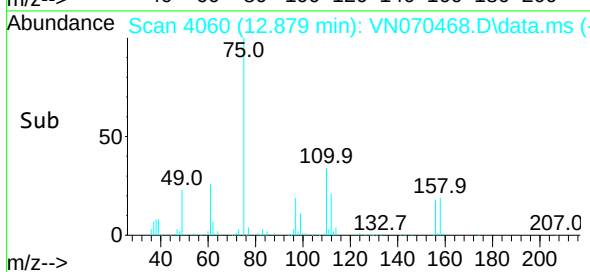
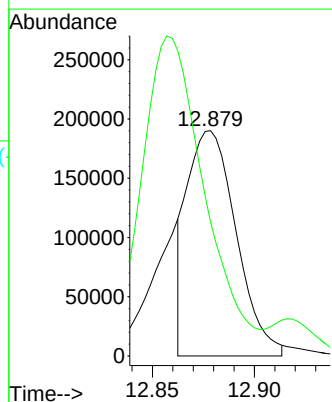
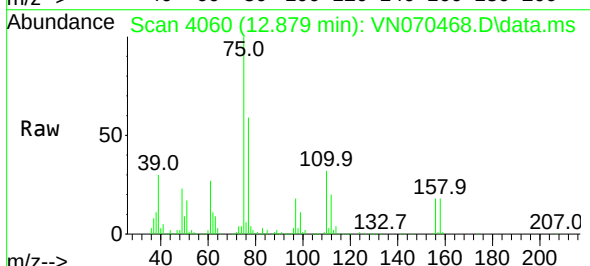
RT: 12.879 min Scan# 4060

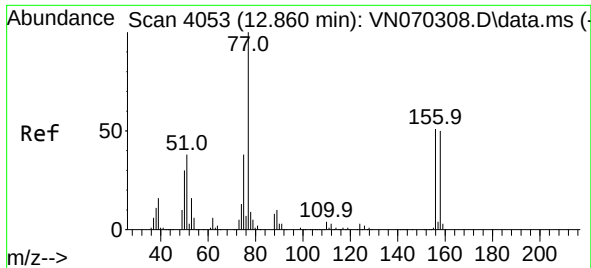
Delta R.T. 0.001 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

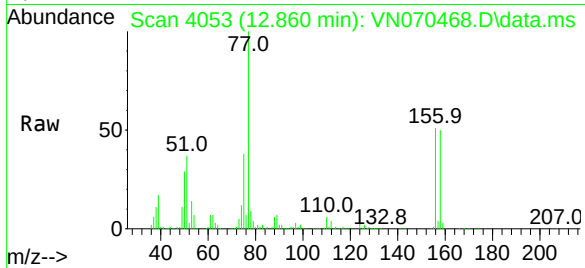
Tgt Ion: 75 Resp: 316909
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.023 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

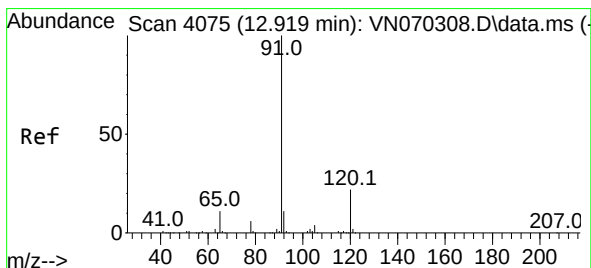
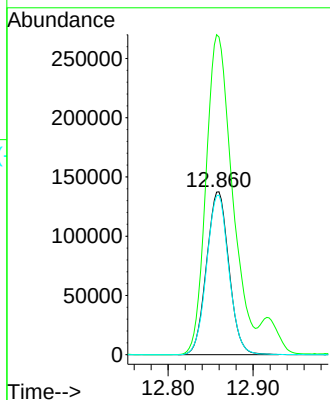
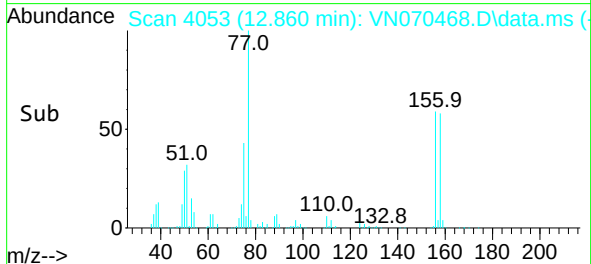
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



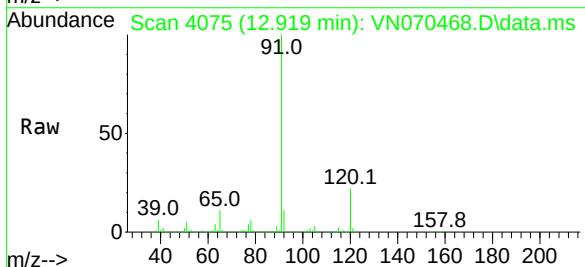
Tgt Ion:156 Resp: 251560
Ion Ratio Lower Upper
156 100
77 230.4 90.6 271.8
158 97.6 48.9 146.7

Manual Integrations
APPROVED

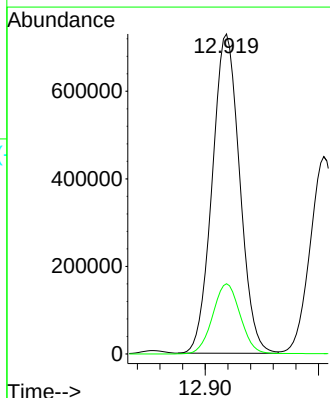
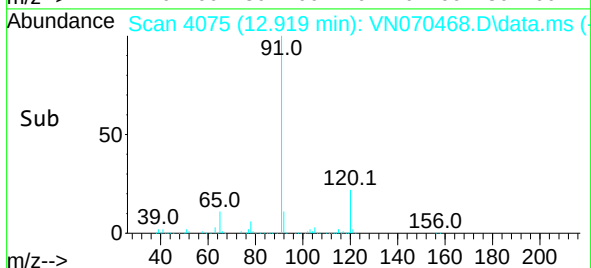
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

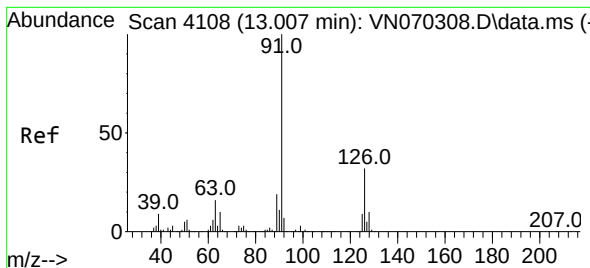


#78
n-propylbenzene
Concen: 19.233 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



Tgt Ion: 91 Resp: 1227445
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





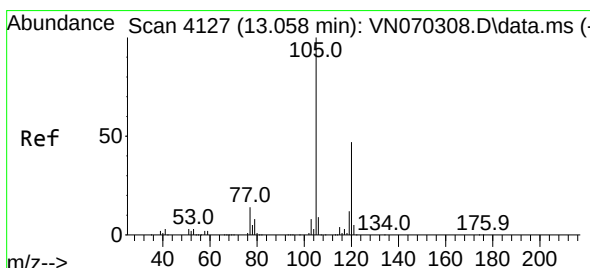
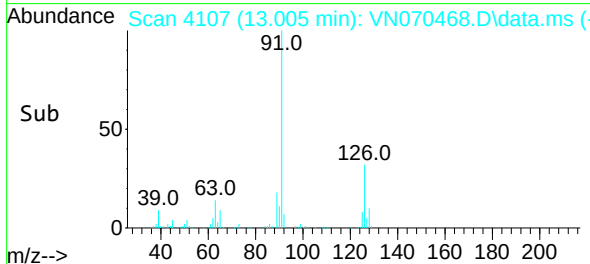
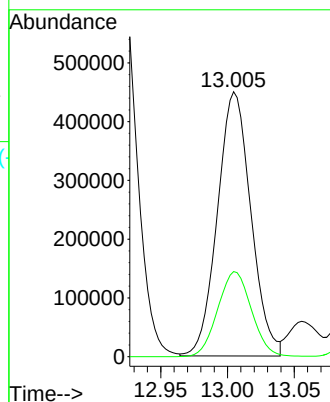
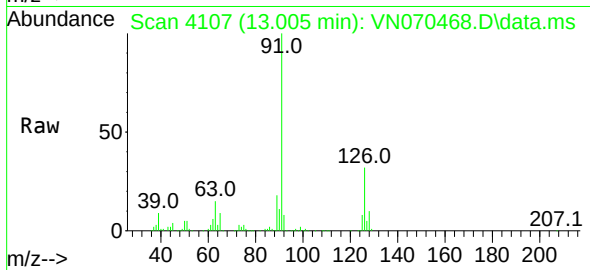
#79
2-Chlorotoluene
Concen: 19.180 ug/l
RT: 13.005 min Scan# 4108
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01

Tgt Ion: 91 Resp: 78541
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

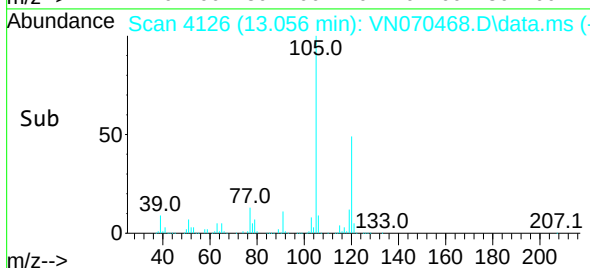
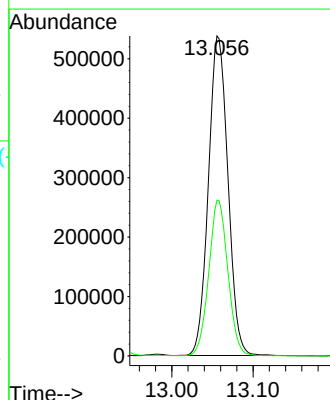
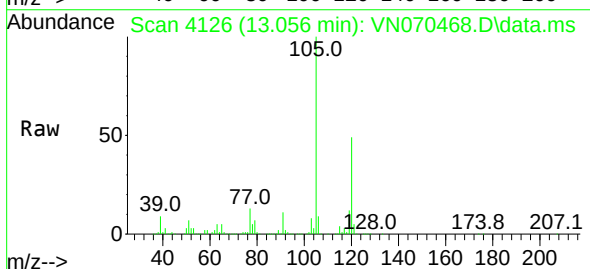
Manual Integrations
APPROVED

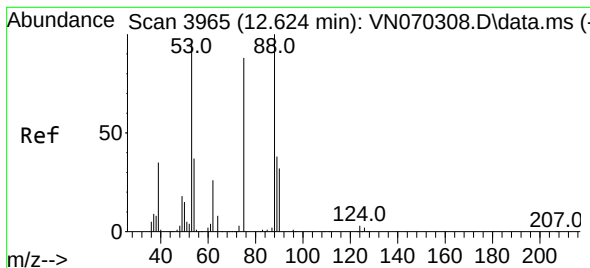
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.445 ug/l
RT: 13.056 min Scan# 4126
Delta R.T. -0.002 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

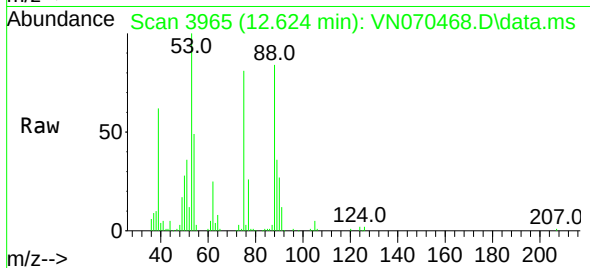
Tgt Ion:105 Resp: 897544
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.302 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

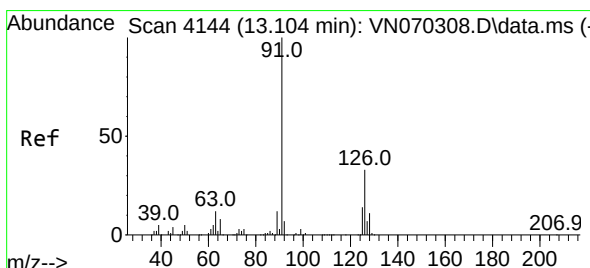
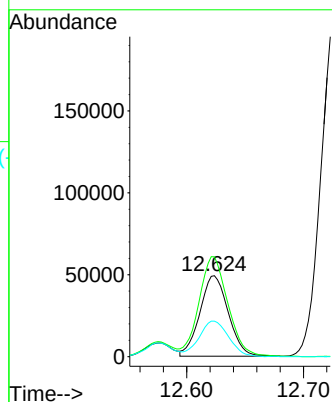
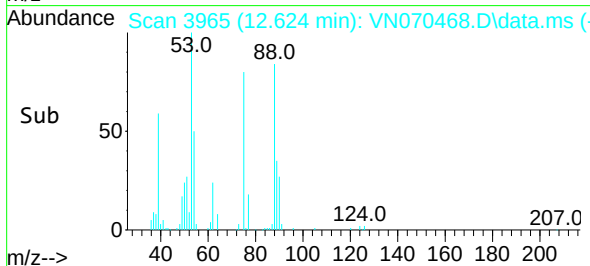
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



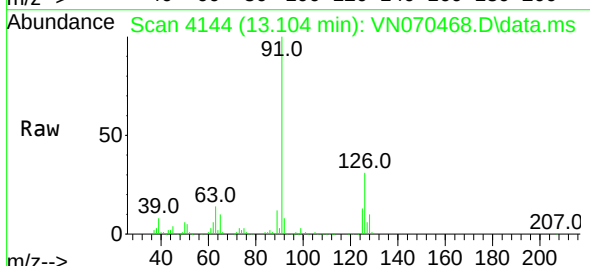
Tgt Ion: 75 Resp: 82760
Ion Ratio Lower Upper
75 100
53 127.3 90.5 135.7
89 46.1 38.2 57.4

Manual Integrations
APPROVED

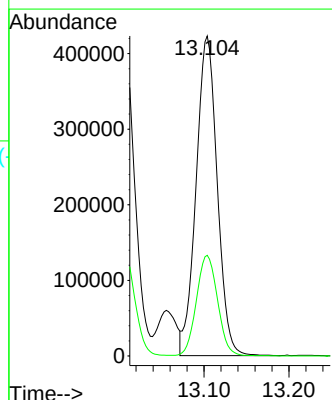
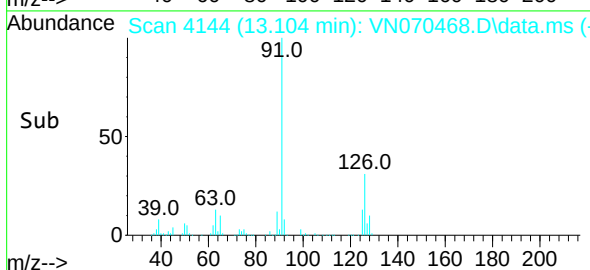
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

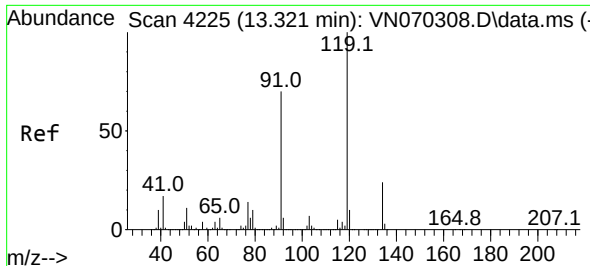


#82
4-Chlorotoluene
Concen: 19.007 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



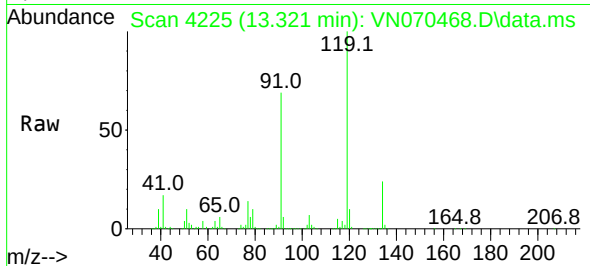
Tgt Ion: 91 Resp: 729057
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.498 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

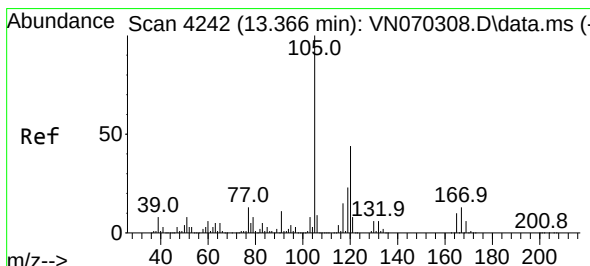
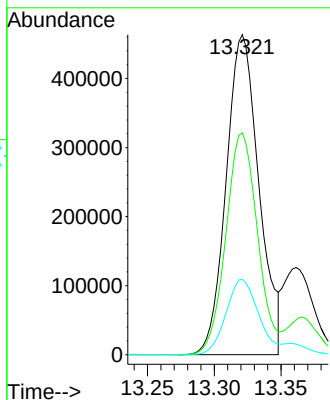
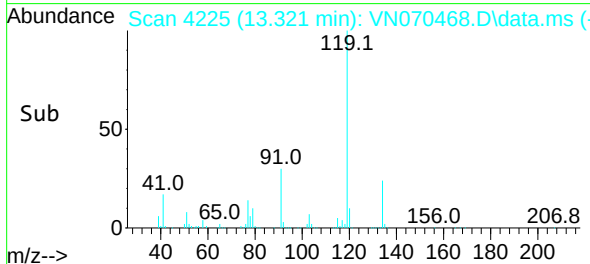
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



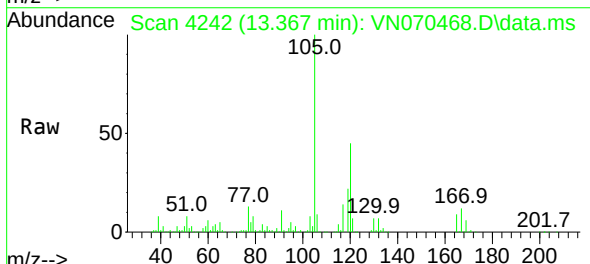
Tgt Ion:119 Resp: 792490
Ion Ratio Lower Upper
119 100
91 67.6 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
APPROVED

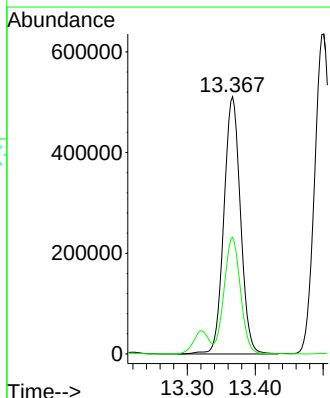
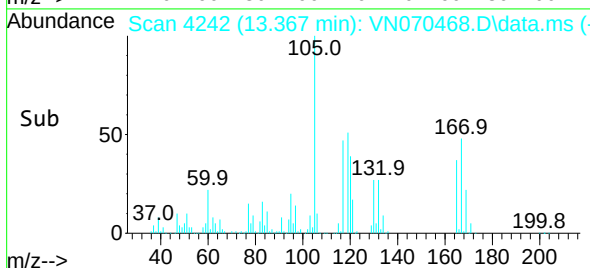
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

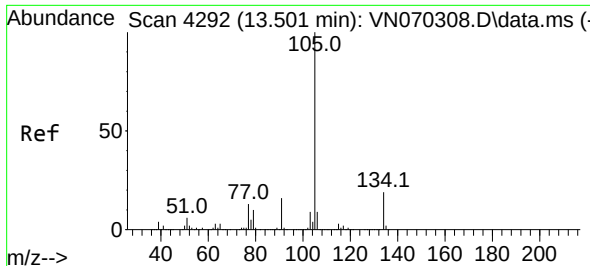


#84
1,2,4-Trimethylbenzene
Concen: 19.519 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



Tgt Ion:105 Resp: 867560
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





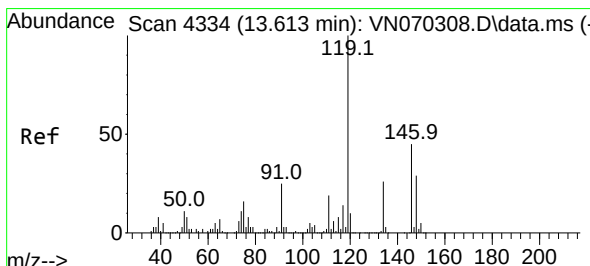
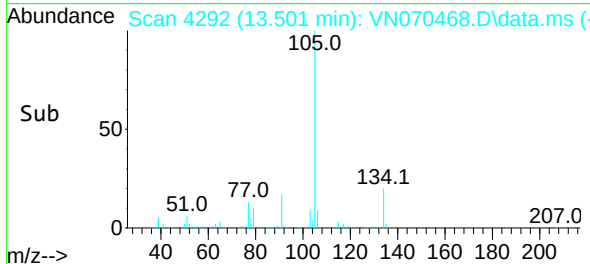
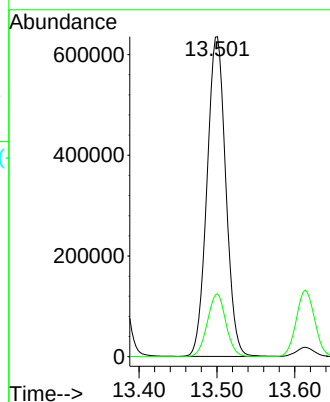
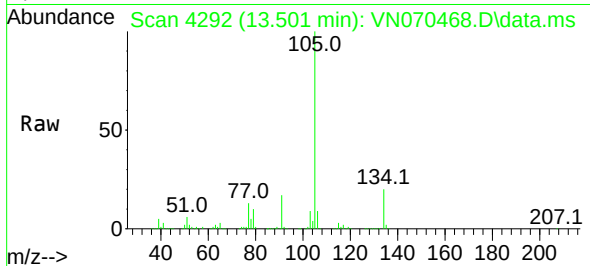
#85
 sec-Butylbenzene
 Concen: 19.274 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070468.D
 Acq: 4 Jan 2022 17:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104MBS01

Tgt Ion:105 Resp: 106354
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

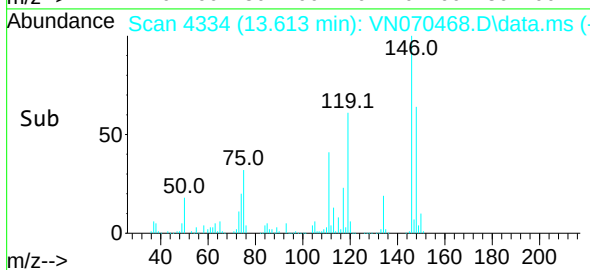
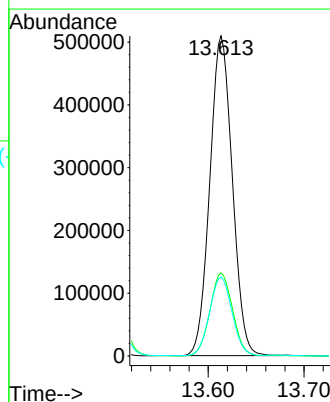
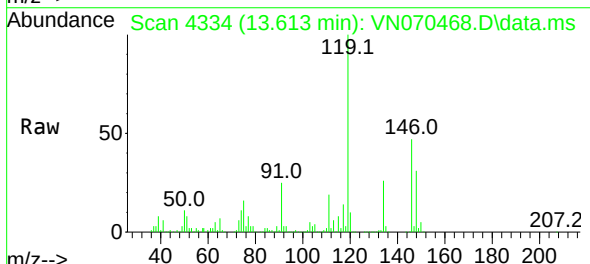
Manual Integrations
 APPROVED

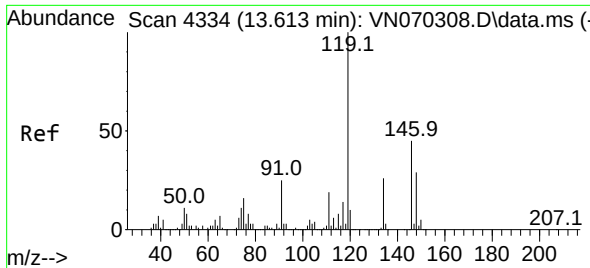
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022



#86
 p-Isopropyltoluene
 Concen: 19.178 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070468.D
 Acq: 4 Jan 2022 17:08

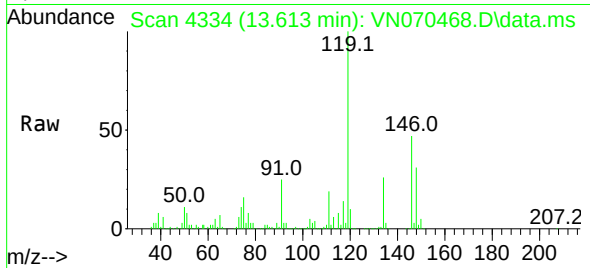
Tgt Ion:119 Resp: 831323
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 24.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.735 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

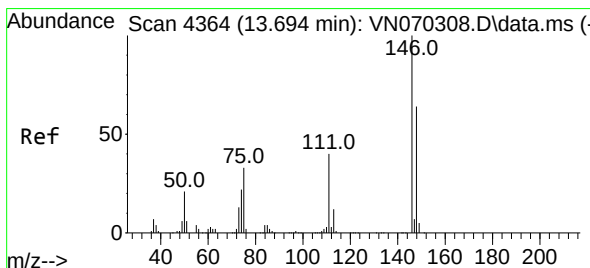
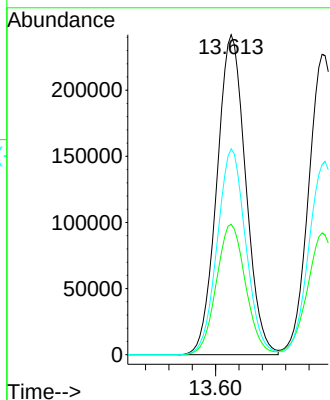
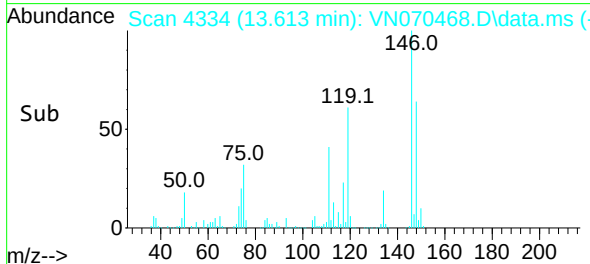
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



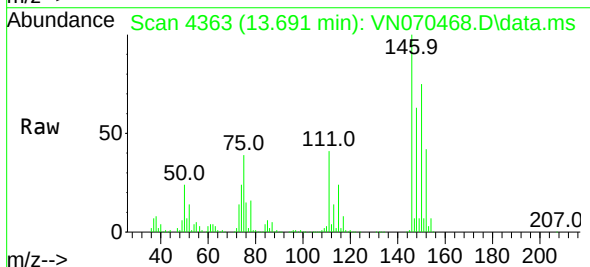
Tgt Ion:146 Resp: 414740
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

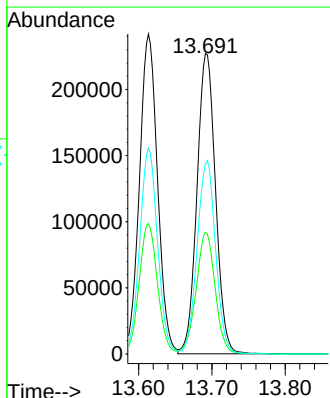
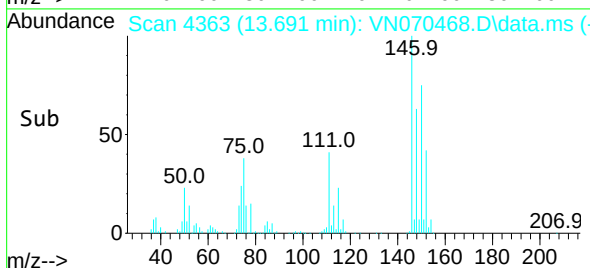
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

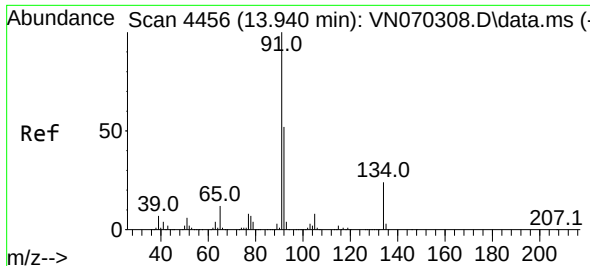


#88
1,4-Dichlorobenzene
Concen: 18.284 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



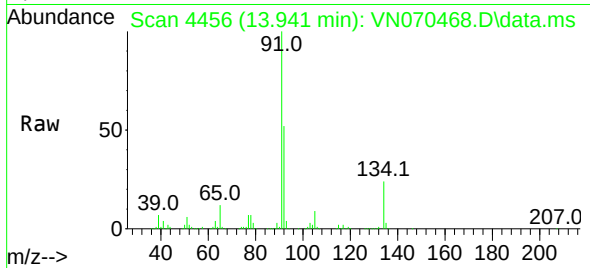
Tgt Ion:146 Resp: 399281
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 17.276 ug/l
RT: 13.941 min Scan# 4456
Delta R.T. 0.001 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

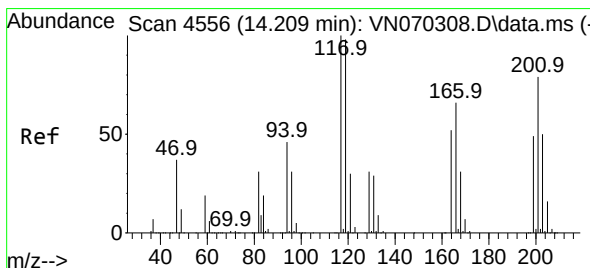
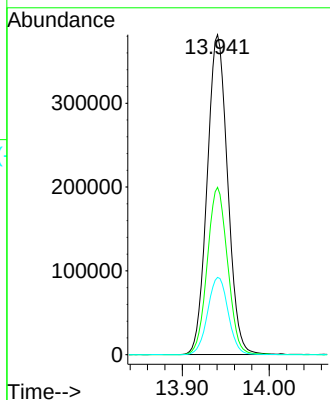
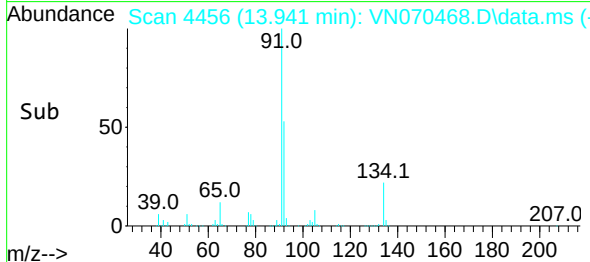
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion: 91 Resp: 624634
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 24.3 13.6 40.8

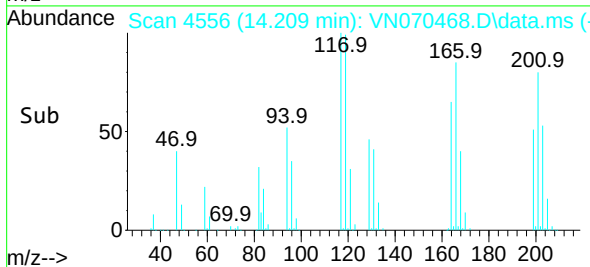
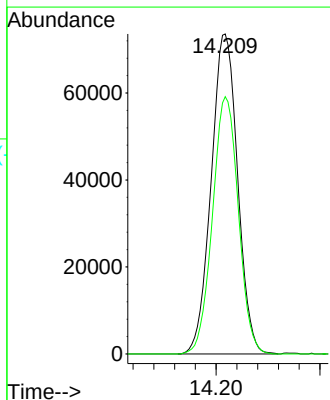
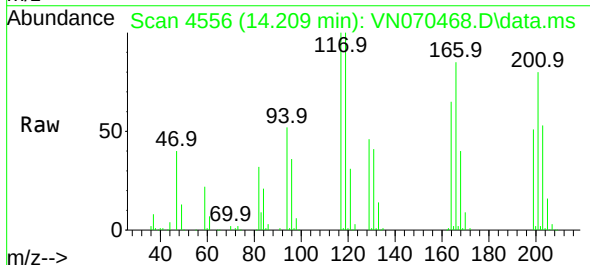
Manual Integrations
APPROVED

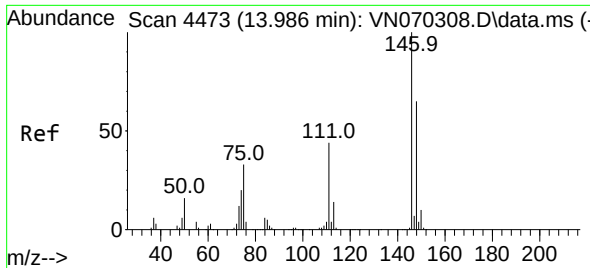
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#90
Hexachloroethane
Concen: 17.283 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

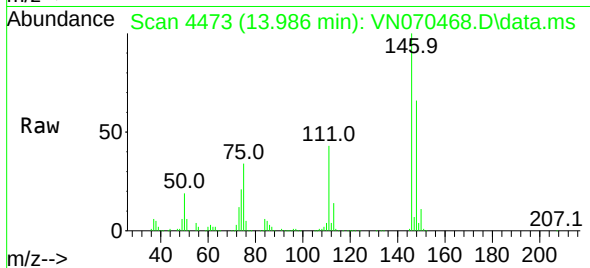
Tgt Ion:117 Resp: 130148
Ion Ratio Lower Upper
117 100
201 78.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.719 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

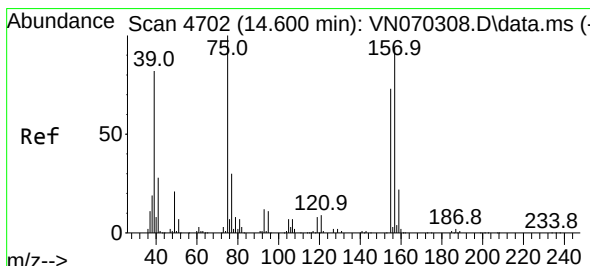
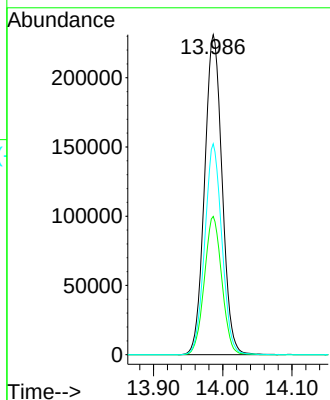
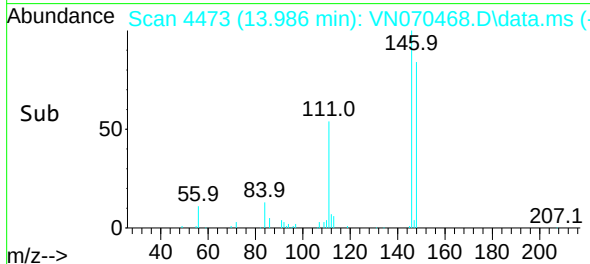
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



Tgt Ion:146 Resp: 406254
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 64.6 32.1 96.3

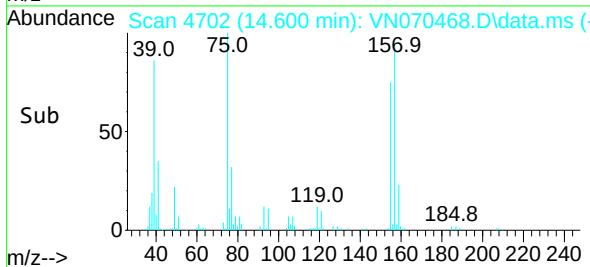
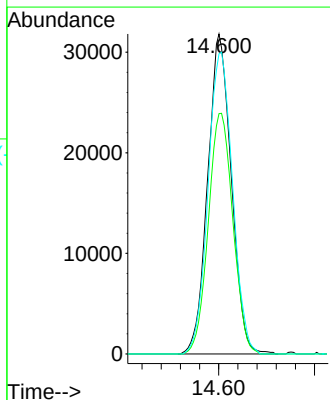
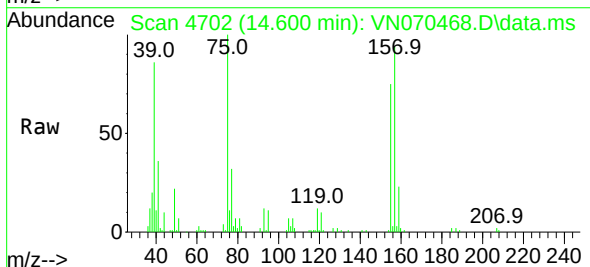
Manual Integrations
APPROVED

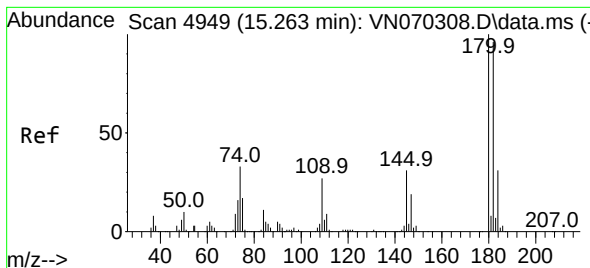
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.313 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

Tgt Ion: 75 Resp: 54433
Ion Ratio Lower Upper
75 100
155 78.1 46.9 140.7
157 97.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 16.413 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070468.D

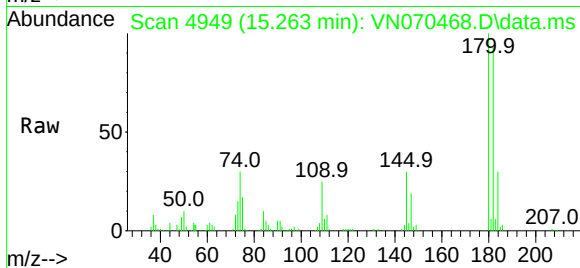
Acq: 4 Jan 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0104MBS01



Tgt Ion:180 Resp: 16783

Ion Ratio Lower Upper

180 100

182 93.2 48.3 144.9

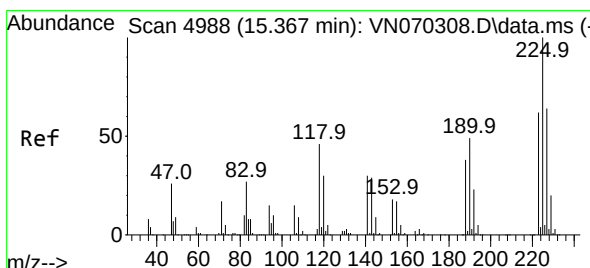
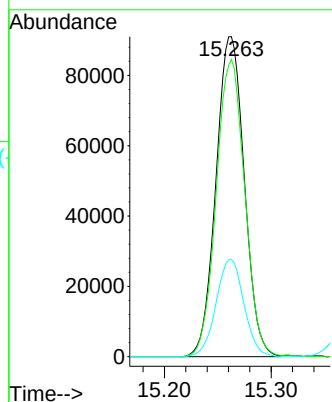
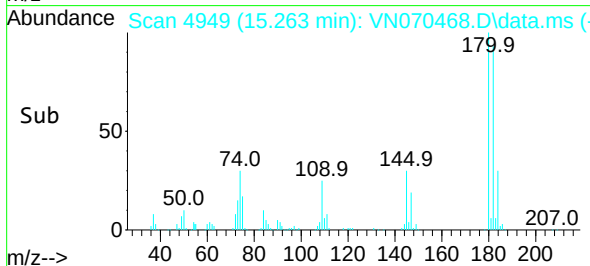
145 29.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#94

Hexachlorobutadiene

Concen: 19.105 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070468.D

Acq: 4 Jan 2022 17:08

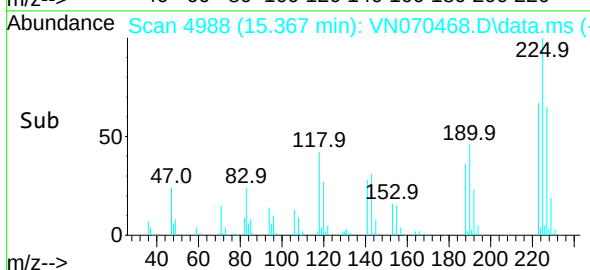
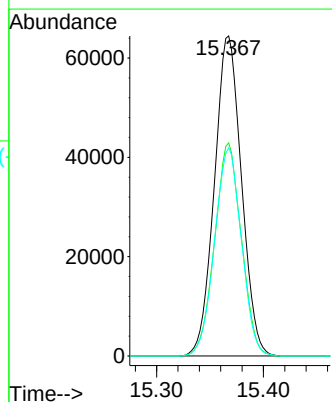
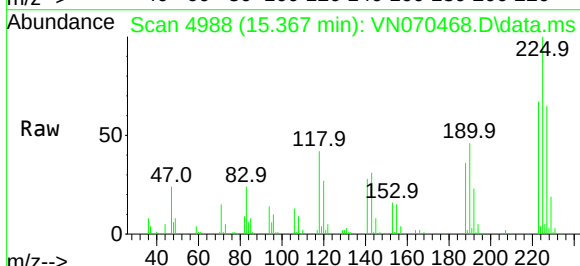
Tgt Ion:225 Resp: 113542

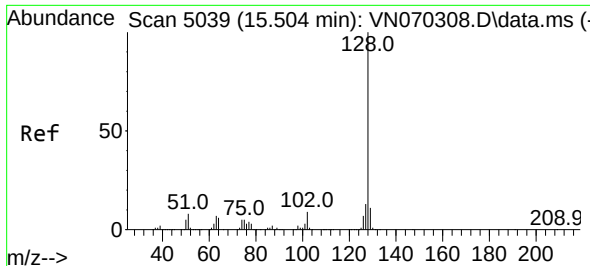
Ion Ratio Lower Upper

225 100

223 65.6 31.9 95.7

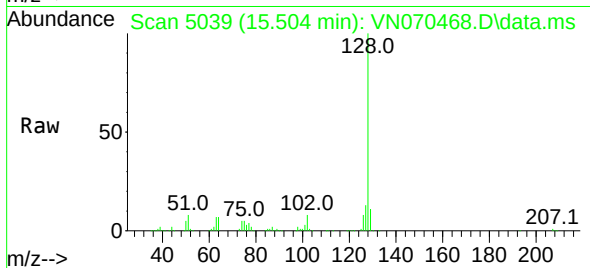
227 64.3 32.1 96.3





#95
Naphthalene
Concen: 15.654 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08

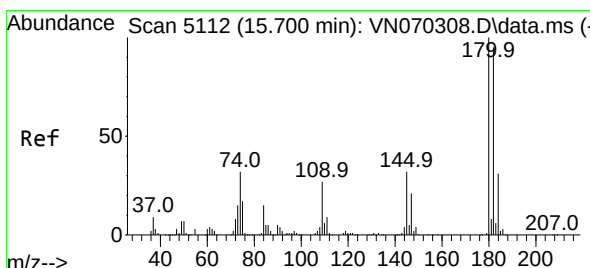
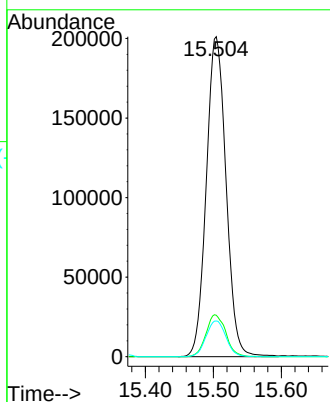
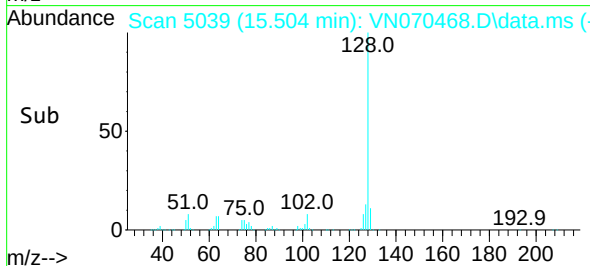
Instrument :
MSVOA_N
ClientSampleId :
VN0104MBS01



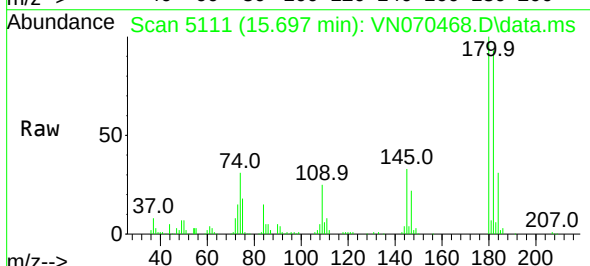
Tgt Ion:128 Resp: 406210
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.829 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070468.D
Acq: 4 Jan 2022 17:08



Tgt Ion:180 Resp: 159157
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.2
145 32.3 15.0 45.1

