

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083692.D
 Acq On : 06 Sep 2024 12:46
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2024
 Supervised By : Mahesh Dadoda 09/09/2024

Quant Time: Sep 06 23:32:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:27:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31184	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	184509	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	165492	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	85655	30.050	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	12.847	95	85838	30.095	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.333%			
63) Toluene-d8	10.565	98	228618	29.834	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	101651	48.676	ug/l	94
3) Chloromethane	2.359	50	103705	47.795	ug/l	99
4) Vinyl Chloride	2.518	62	107534	48.208	ug/l	97
5) Bromomethane	2.900	94	58251	46.741	ug/l	95
6) Chloroethane	3.077	64	67746	45.354	ug/l	96
7) Trichlorofluoromethane	3.471	101	179139	47.903	ug/l	93
8) Diethyl Ether	3.953	74	60831	47.872	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.359	101	96015	47.798	ug/l	95
10) 1,1-Dichloroethene	4.324	96	92793	47.877	ug/l	89
11) Methyl Iodide	4.577	142	127812	48.550	ug/l	97
12) Methyl Acetate	5.024	43	105723m	45.231	ug/l	
13) Acrolein	4.177	56	86540	253.692	ug/l	95
14) Acrylonitrile	5.718	53	223628	236.416	ug/l	98
15) Acetone	4.430	58	74090	236.122	ug/l	74
16) Carbon Disulfide	4.700	76	262055	47.842	ug/l	99
17) Allyl chloride	5.012	41	164040	48.212	ug/l	86
18) Methylene Chloride	5.271	84	100729	47.504	ug/l	90
19) trans-1,2-Dichloroethene	5.783	96	95911	47.746	ug/l	98
20) Diisopropyl ether	6.671	45	325047	47.356	ug/l	97
21) 1,1-Dichloroethane	6.559	63	185006	47.209	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	117256	47.960	ug/l	95
23) tert-Butyl Alcohol	5.536	59	82205	236.828	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	328857	47.747	ug/l #	87
25) Chloroform	7.965	83	198693	47.843	ug/l	98
26) Cyclohexane	8.253	56	167355	48.487	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	139513	47.671	ug/l	98
30) 2-Butanone	7.482	43	326178	236.438	ug/l	94
31) 2,2-Dichloropropane	7.482	77	178197	47.759	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	187080	47.866	ug/l	98
33) Carbon Tetrachloride	8.359	117	161308	47.659	ug/l	93
34) Benzene	8.600	78	417083	47.498	ug/l	98
35) Methacrylonitrile	7.771	41	72308	46.626	ug/l	93
36) 1,2-Dichloroethane	8.671	62	156520	47.414	ug/l	95
37) Trichloroethene	9.347	130	97099	47.090	ug/l	91
38) Methylcyclohexane	9.600	83	168966	48.224	ug/l	97
39) 1,2-Dichloropropane	9.618	63	100678	47.639	ug/l	96
40) Dibromomethane	9.706	93	73868	47.803	ug/l	93
41) Bromodichloromethane	9.888	83	157563	47.950	ug/l	95
42) Vinyl Acetate	6.600	43	1269865	223.883	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	130541	47.013	ug/l	97
44) Isopropyl Acetate	8.688	43	229379	47.761	ug/l	91
45) 1,4-Dioxane	9.694	88	35832	956.571	ug/l #	93
46) Methyl methacrylate	9.676	41	111533	47.980	ug/l	82
47) n-amyl Acetate	12.494	43	209735	49.301	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	164230	47.515	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	171193	47.625	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	94024	47.818	ug/l	98
51) Ethyl methacrylate	10.876	69	161552	48.091	ug/l	81
52) 1,3-Dichloropropane	11.165	76	168067	47.331	ug/l	99
53) Dibromochloromethane	11.359	129	114327	48.475	ug/l	99
54) 1,2-Dibromoethane	11.470	107	96308	47.345	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	303185	226.464	ug/l	99
56) Bromoform	12.576	173	72832	48.608	ug/l #	96
58) 4-Methyl-2-Pentanone	10.441	43	628368	239.462	ug/l #	90
59) 2-Hexanone	11.194	43	472821	238.463	ug/l	89
61) Tetrachloroethene	11.100	164	81597	46.589	ug/l	98
62) Toluene	10.629	91	458137	48.163	ug/l	100
64) Chlorobenzene	11.888	112	277997	47.203	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	99347	48.424	ug/l	99
66) Ethyl Benzene	11.965	91	518395	47.923	ug/l	100
67) m/p-Xylenes	12.070	106	384641	96.649	ug/l	97
68) o-Xylene	12.394	106	188367	48.905	ug/l	98
69) Styrene	12.412	104	316348	48.608	ug/l	98
70) Isopropylbenzene	12.694	105	498890	49.081	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	132828	47.845	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	115119m	47.387	ug/l	
73) Bromobenzene	12.982	156	112553	48.209	ug/l	95
74) n-propylbenzene	13.035	91	580804	48.812	ug/l	99
75) 2-Chlorotoluene	13.123	91	357678	48.163	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	419662	49.426	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	49615	48.224	ug/l	90
78) 4-Chlorotoluene	13.217	91	358117	47.550	ug/l	99
79) tert-butylbenzene	13.435	119	353609	47.626	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	423342	49.339	ug/l	99
81) sec-Butylbenzene	13.617	105	495951	48.897	ug/l	100
82) p-Isopropyltoluene	13.729	119	420388	49.262	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	213041	47.411	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	212746	47.357	ug/l	99
85) n-Butylbenzene	14.053	91	360329	47.848	ug/l	99
86) Hexachloroethane	14.329	117	80541	49.803	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	210695	48.315	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	30132	49.388	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	113238	47.397	ug/l	100
90) Hexachlorobutadiene	15.500	225	47864	48.403	ug/l	99
91) Naphthalene	15.635	128	376599	48.216	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	113238	47.397	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

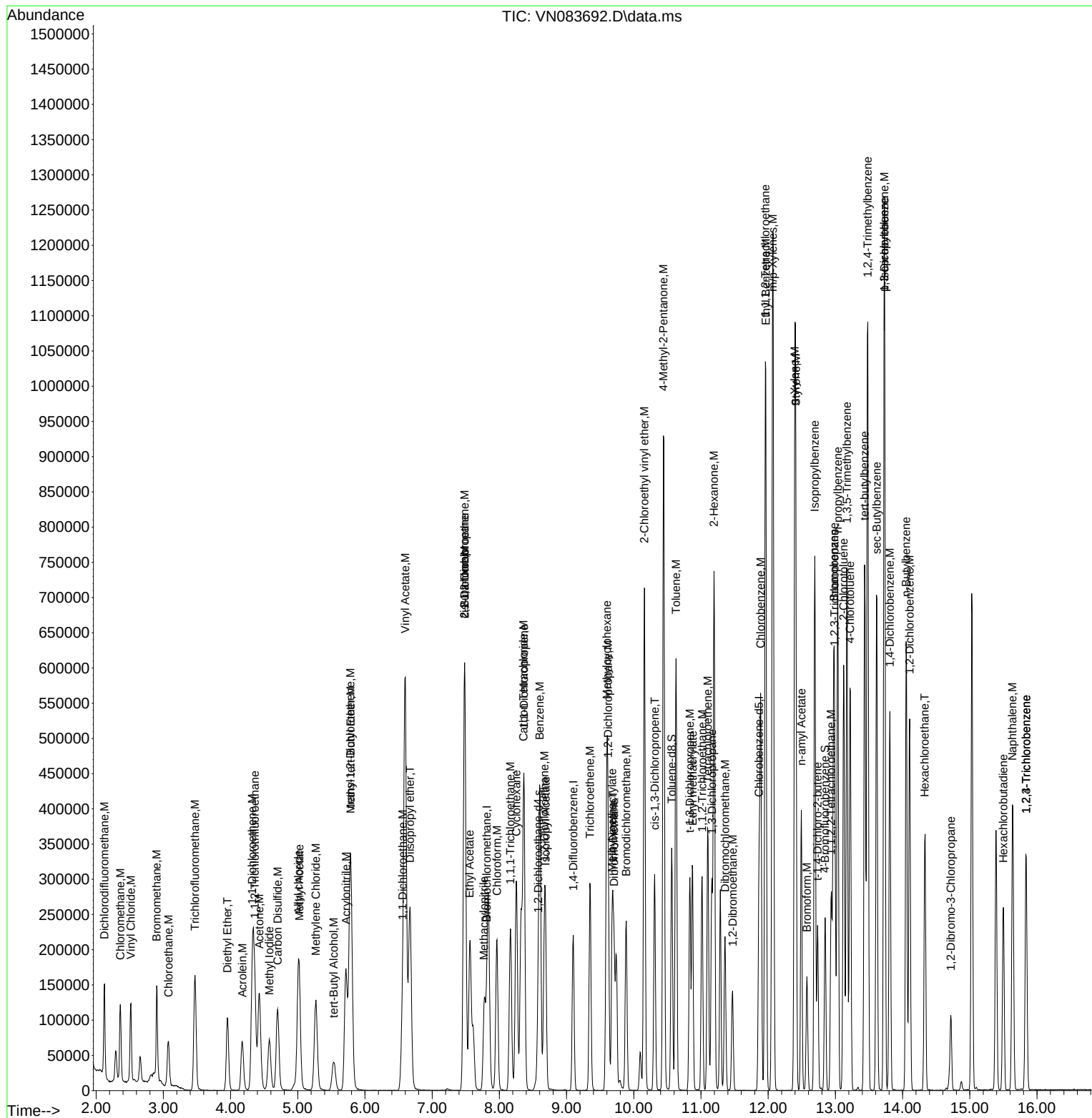
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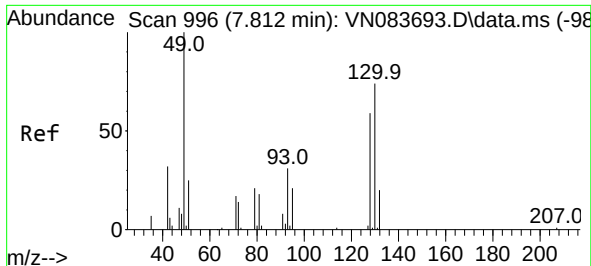
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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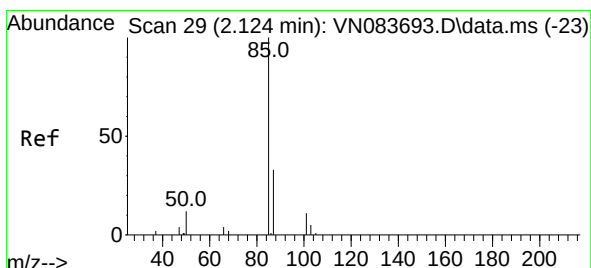
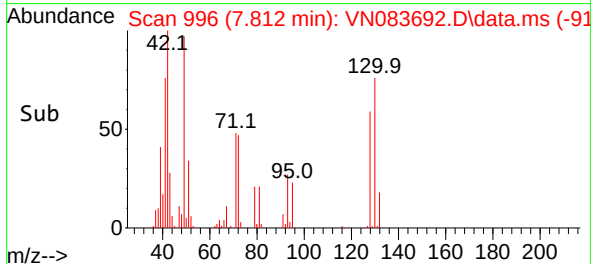
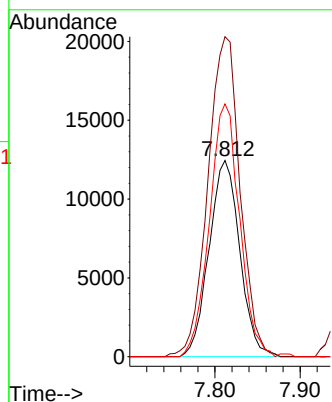
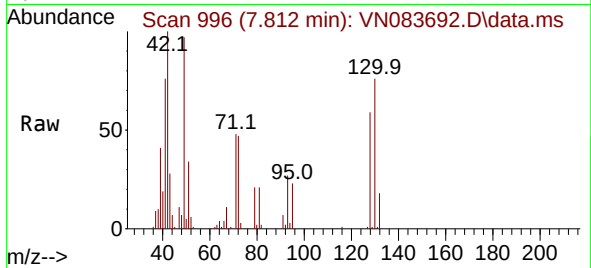
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 31184
Ion Ratio Lower Upper
128 100
49 171.1 0.0 403.7
130 126.9 0.0 323.3

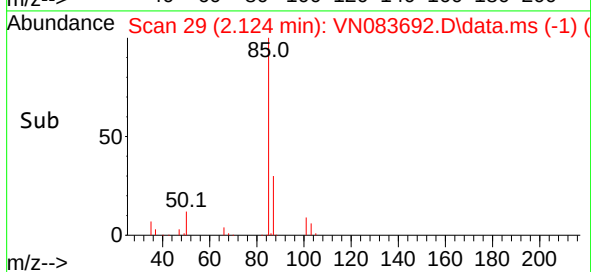
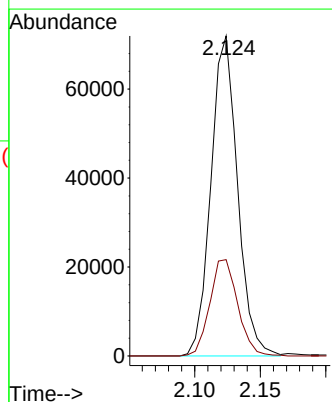
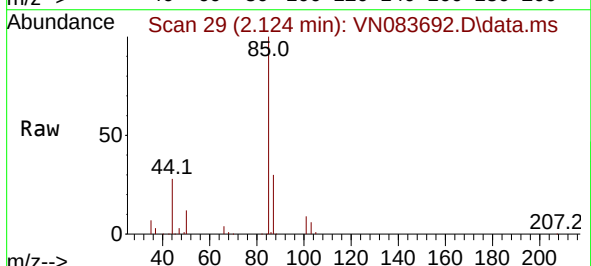
Manual Integrations
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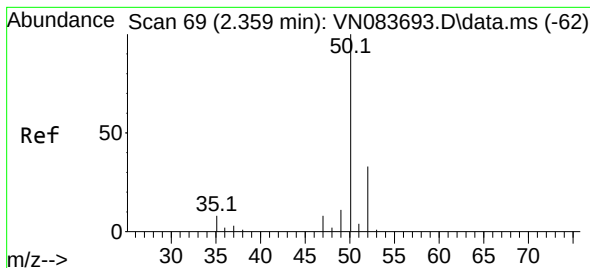
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#2
Dichlorodifluoromethane
Concen: 48.676 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 85 Resp: 101651
Ion Ratio Lower Upper
85 100
87 30.1 16.8 50.3





#3

Chloromethane

Concen: 47.795 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 50 Resp: 10370

Ion Ratio Lower Upper

50 100

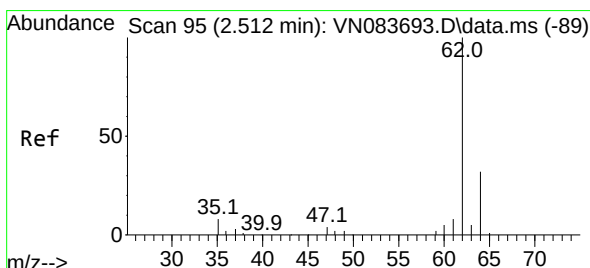
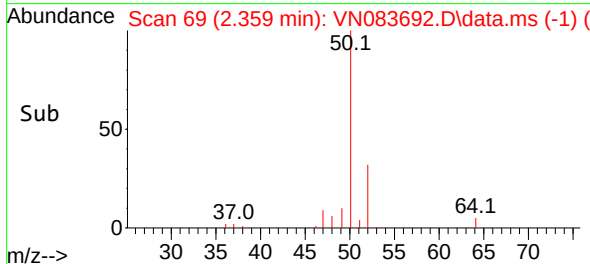
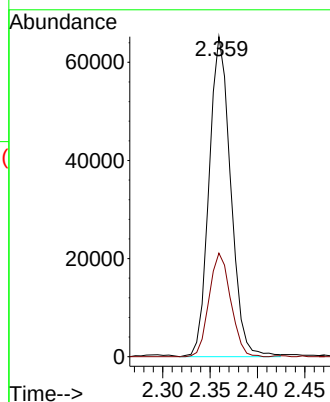
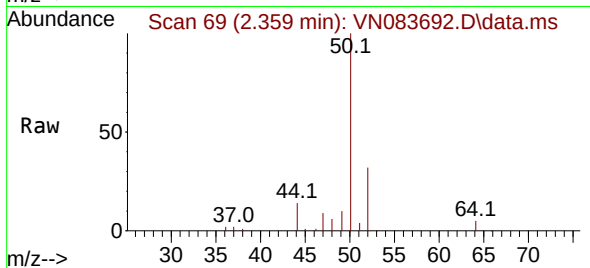
52 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#4

Vinyl Chloride

Concen: 48.208 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083692.D

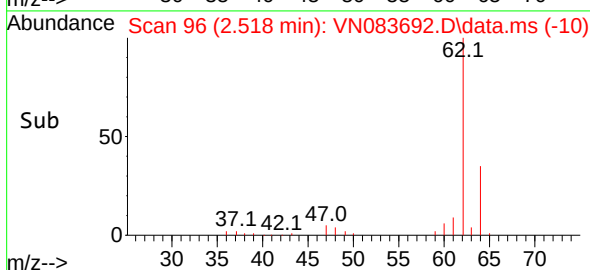
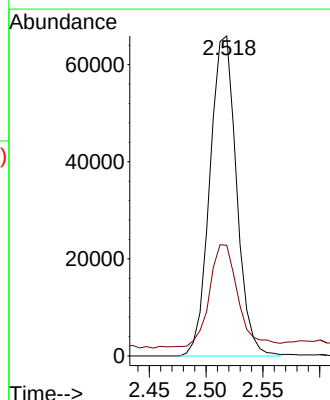
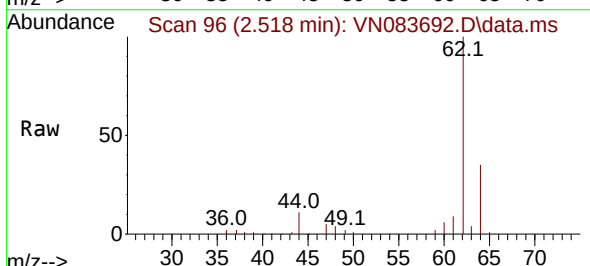
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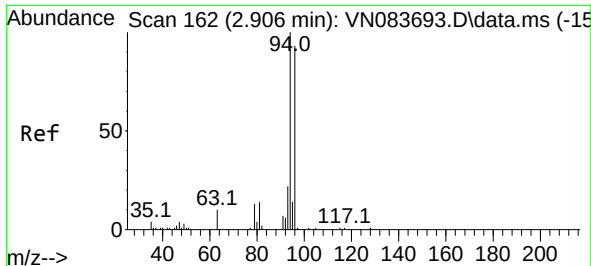
Tgt Ion: 62 Resp: 107534

Ion Ratio Lower Upper

62 100

64 31.6 24.1 36.1





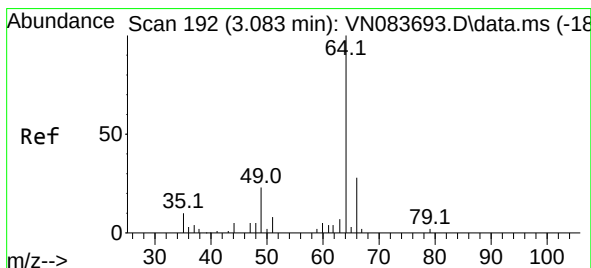
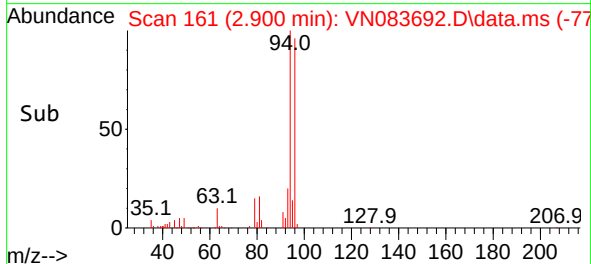
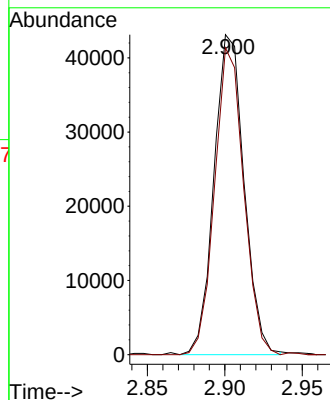
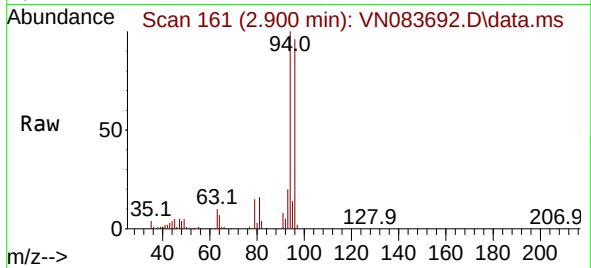
#5
Bromomethane
Concen: 46.741 ug/l
RT: 2.900 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 5825
Ion Ratio Lower Upper
94 100
96 95.9 72.8 109.2

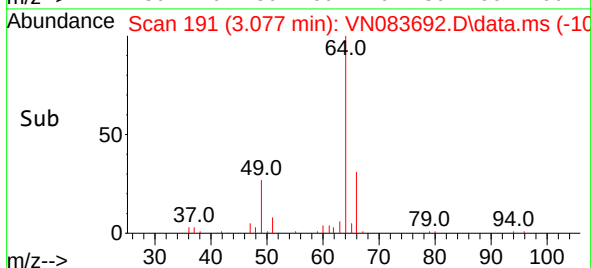
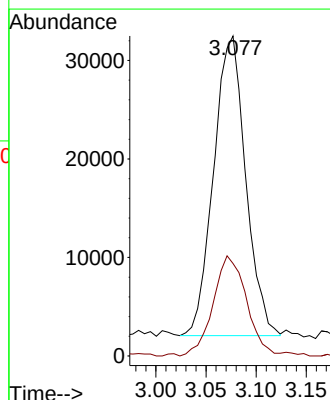
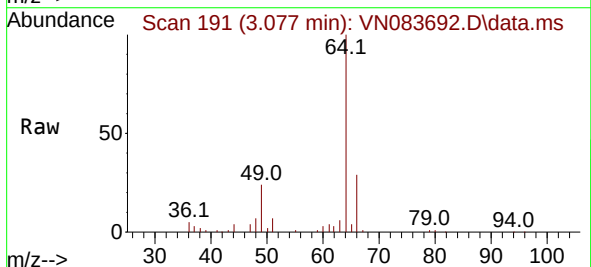
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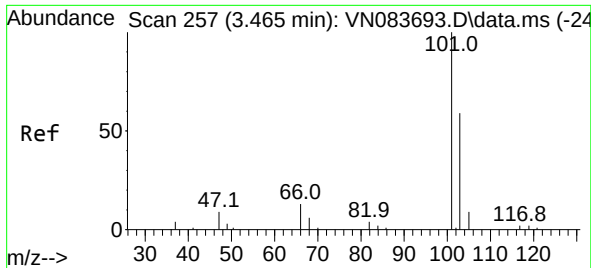
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#6
Chloroethane
Concen: 45.354 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 64 Resp: 67746
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 47.903 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

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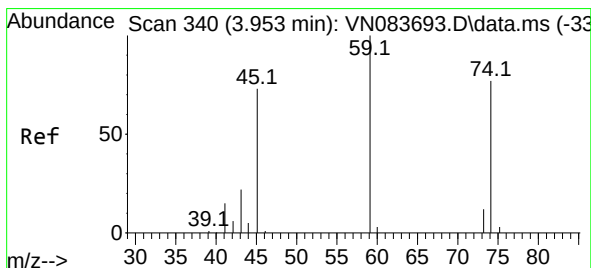
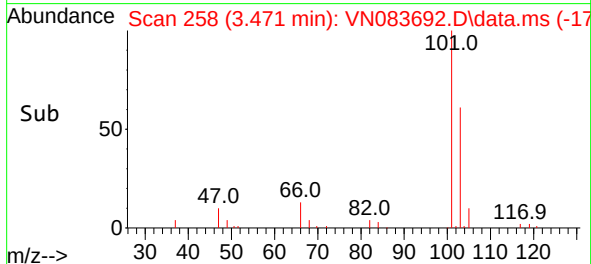
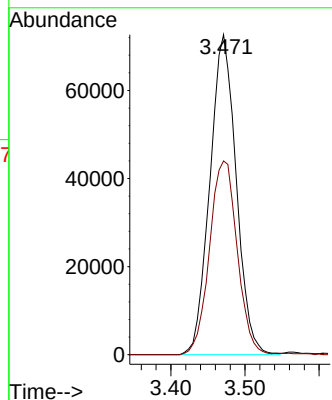
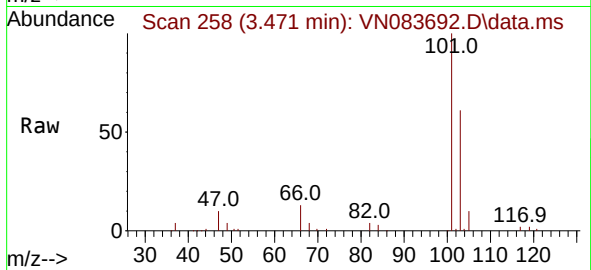
VSTDIC050

Tgt Ion:101 Resp: 179139
 Ion Ratio Lower Upper
 101 100
 103 60.5 53.0 79.4

Manual Integrations

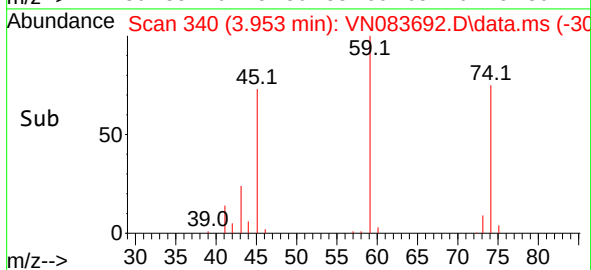
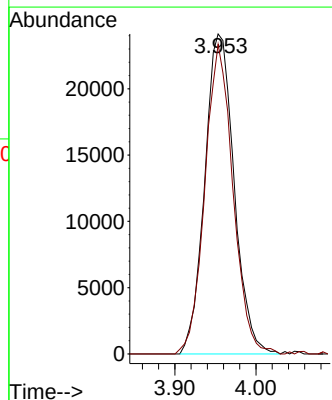
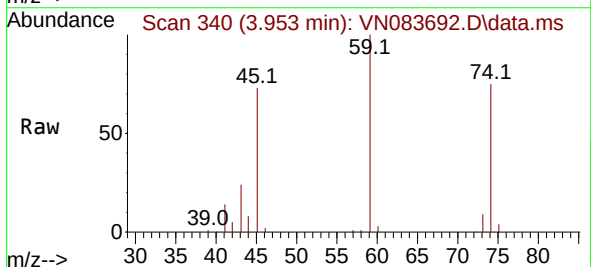
APPROVED

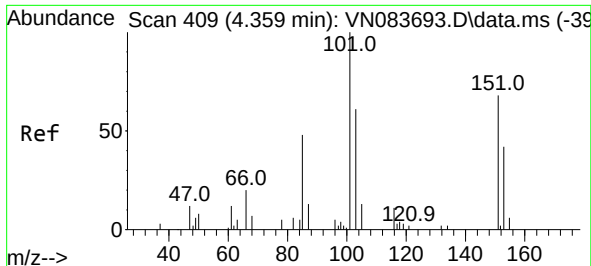
Reviewed By :John Carlone 09/09/2024
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#8
 Diethyl Ether
 Concen: 47.872 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Tgt Ion: 74 Resp: 60831
 Ion Ratio Lower Upper
 74 100
 45 91.8 16.4 147.4





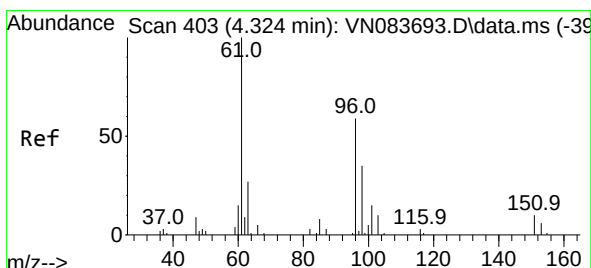
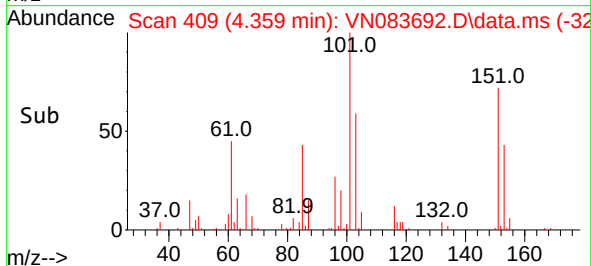
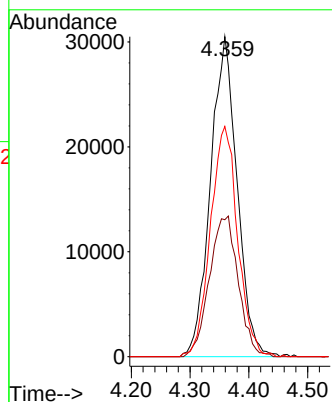
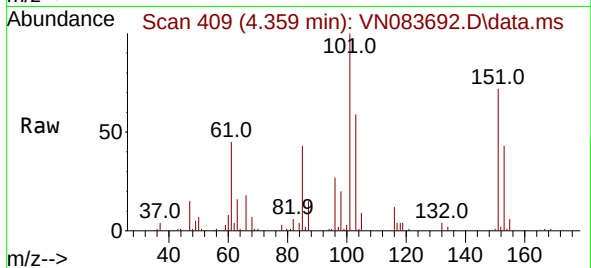
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1,1,2-Trichlorotrifluoroethane
Concen: 47.798 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 9601
Ion Ratio Lower Upper
101 100
85 47.6 0.0 90.6
151 73.3 0.0 157.6

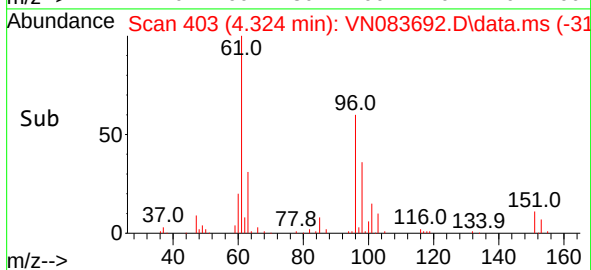
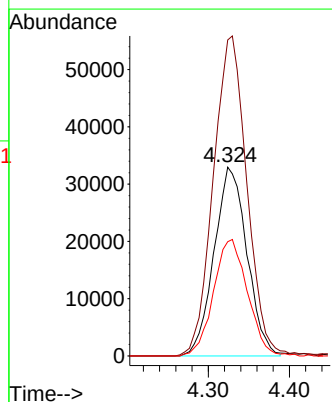
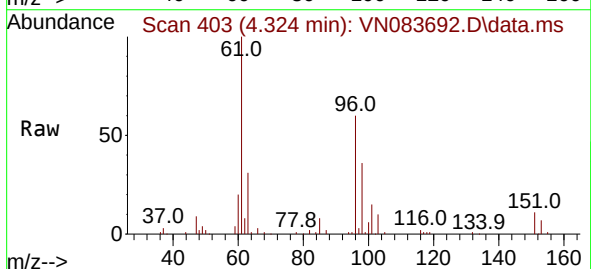
Manual Integrations
APPROVED

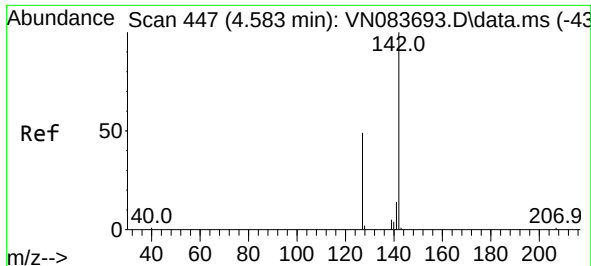
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#10
1,1-Dichloroethene
Concen: 47.877 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

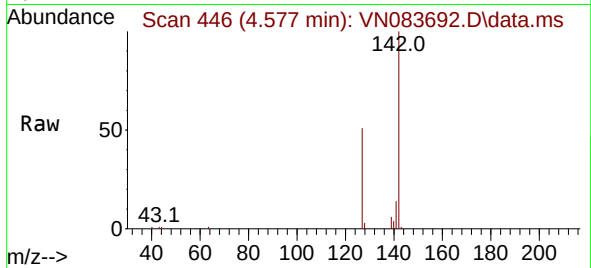
Tgt Ion: 96 Resp: 92793
Ion Ratio Lower Upper
96 100
61 166.8 117.6 176.4
98 60.5 48.4 72.6





#11
Methyl Iodide
Concen: 48.550 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

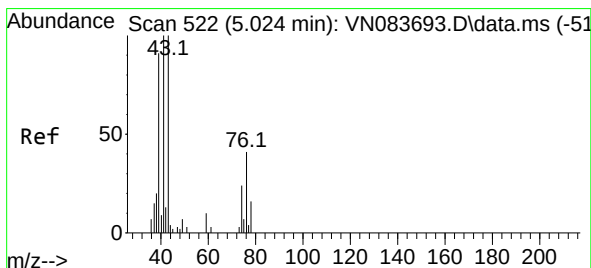
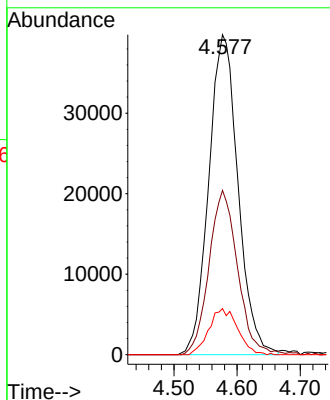
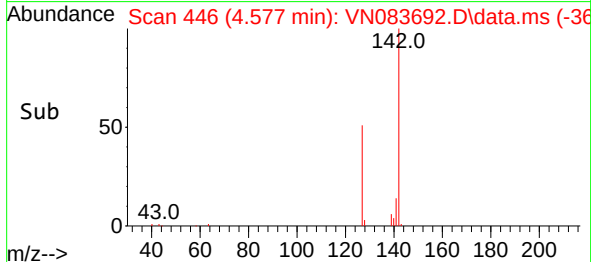
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 127812
Ion Ratio Lower Upper
142 100
127 51.2 26.3 78.9
141 14.5 8.3 24.9

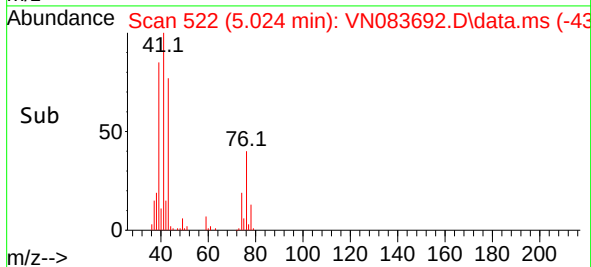
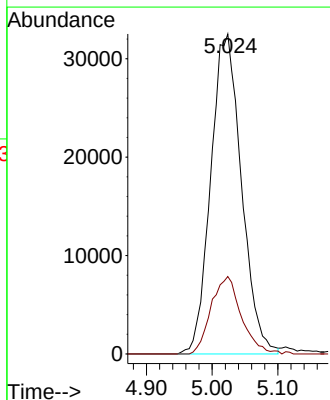
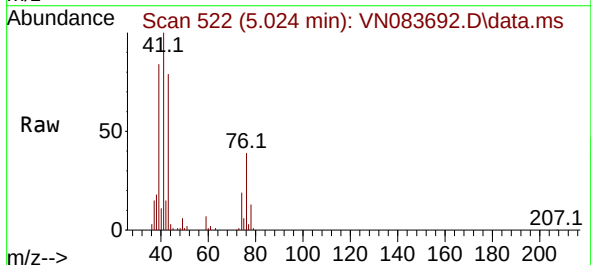
Manual Integrations
APPROVED

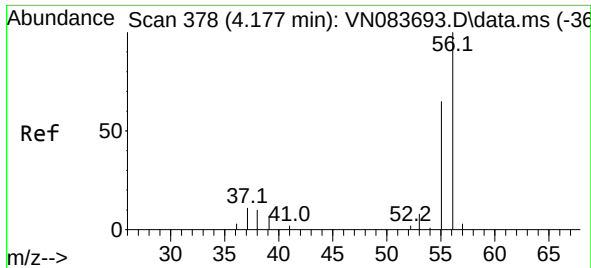
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#12
Methyl Acetate
Concen: 45.231 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

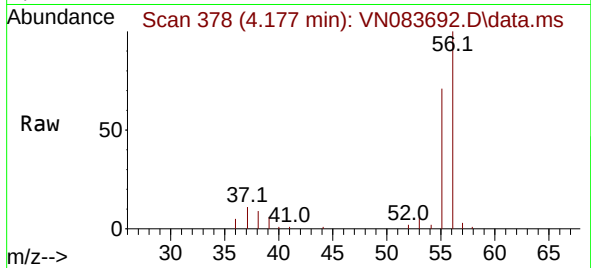
Tgt Ion: 43 Resp: 105723
Ion Ratio Lower Upper
43 100
74 24.2 27.7 41.5#





#13
Acrolein
Concen: 253.692 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

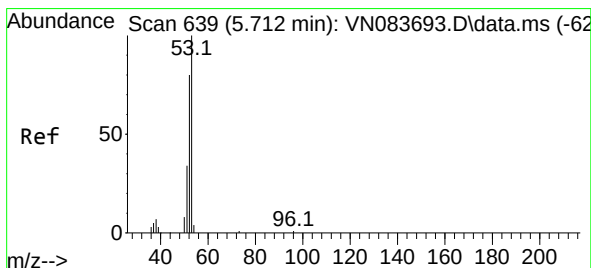
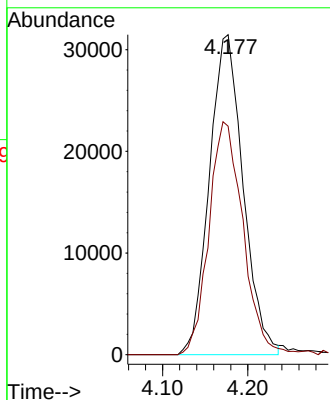
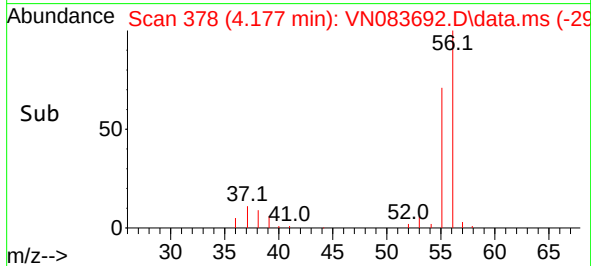
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 86540
Ion Ratio Lower Upper
56 100
55 73.4 55.5 83.3

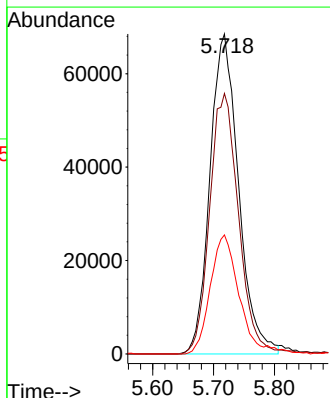
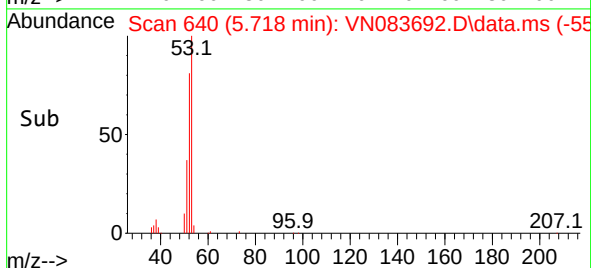
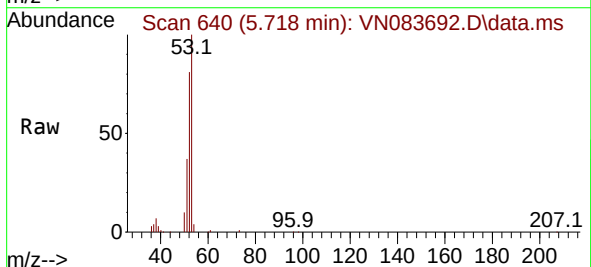
Manual Integrations
APPROVED

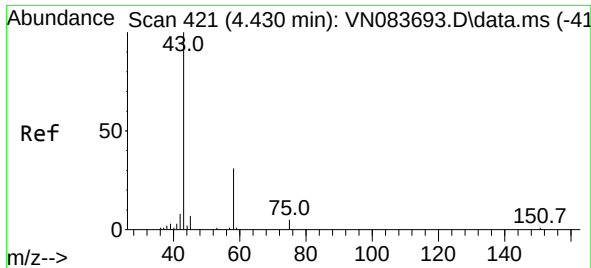
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#14
Acrylonitrile
Concen: 236.416 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 53 Resp: 223628
Ion Ratio Lower Upper
53 100
52 81.5 41.3 123.9
51 36.3 16.8 50.3





#15

Acetone

Concen: 236.122 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 74090

Ion Ratio Lower Upper

58 100

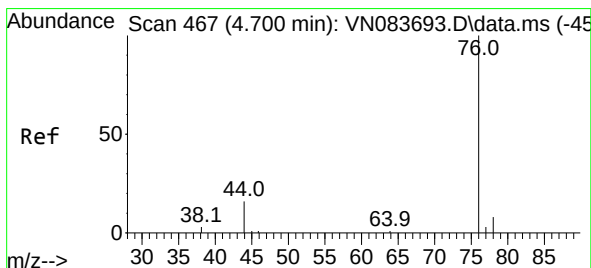
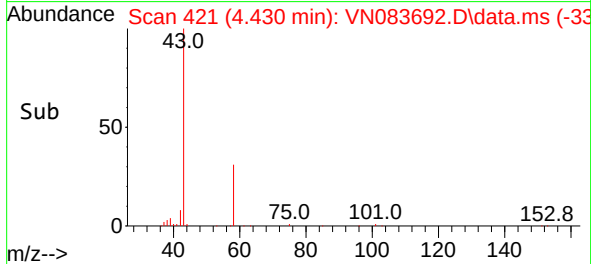
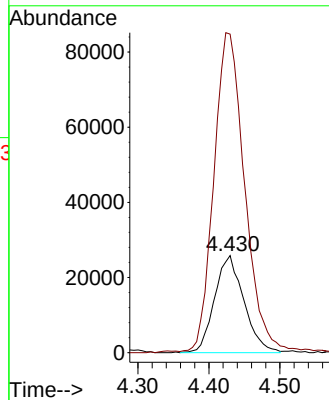
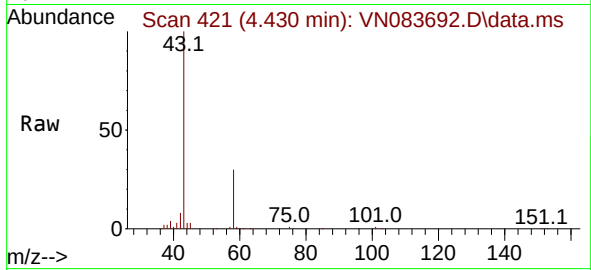
43 326.8 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#16

Carbon Disulfide

Concen: 47.842 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.000 min

Lab File: VN083692.D

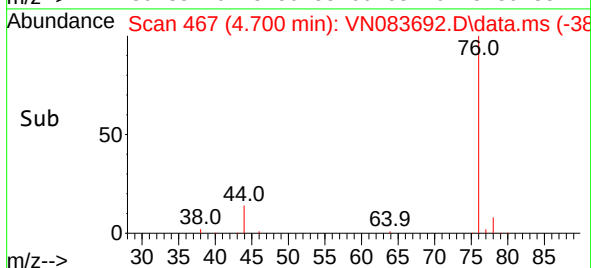
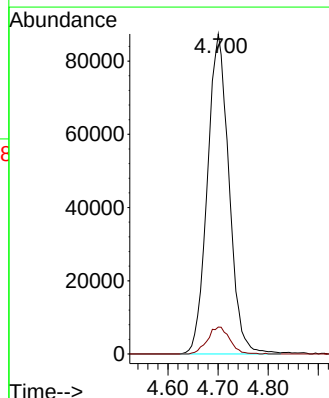
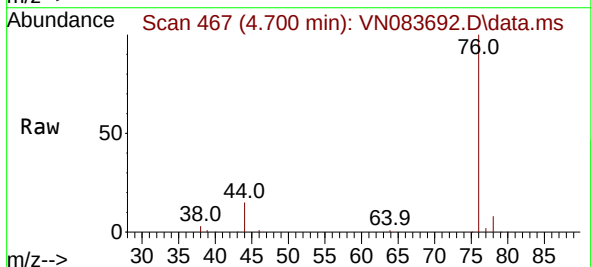
Acq: 06 Sep 2024 12:46

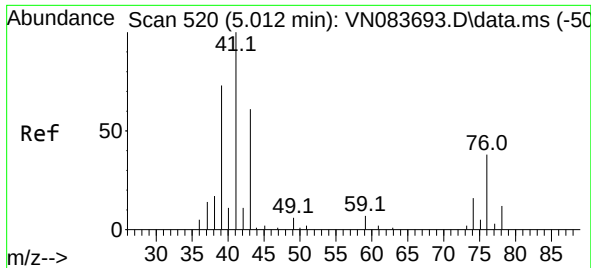
Tgt Ion: 76 Resp: 262055

Ion Ratio Lower Upper

76 100

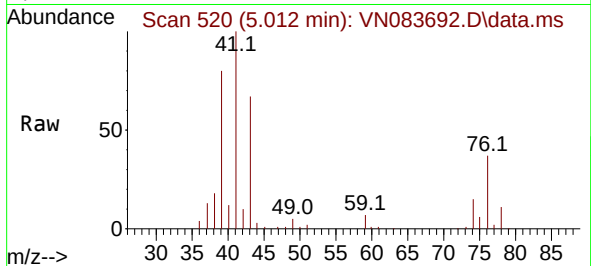
78 8.4 6.3 9.5





#17
 Allyl chloride
 Concen: 48.212 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

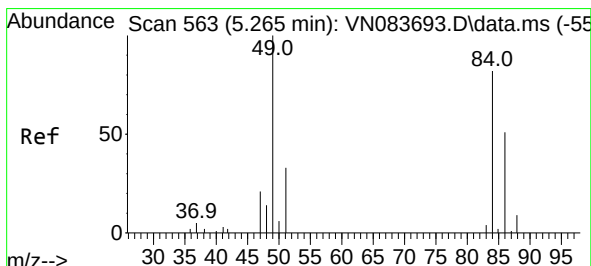
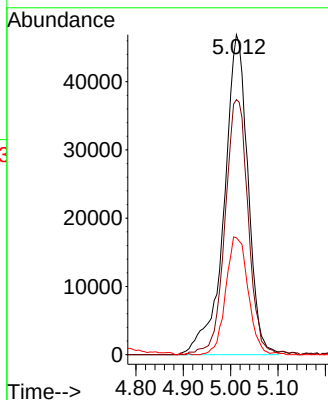
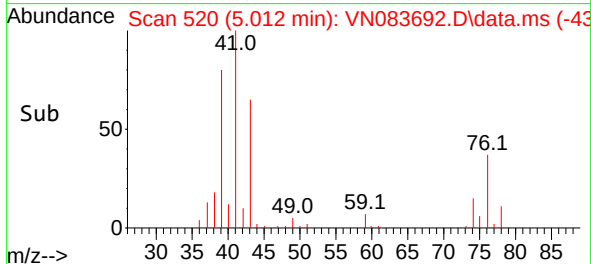
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050



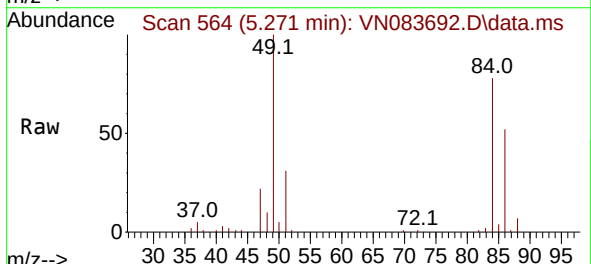
Tgt Ion: 41 Resp: 164040
 Ion Ratio Lower Upper
 41 100
 39 79.7 37.6 112.9
 76 36.6 27.8 83.4

Manual Integrations
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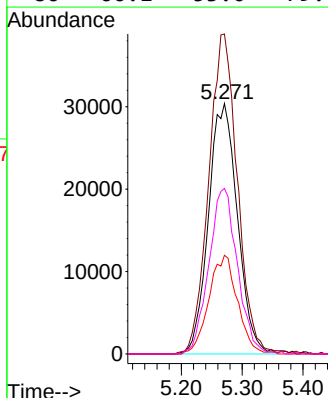
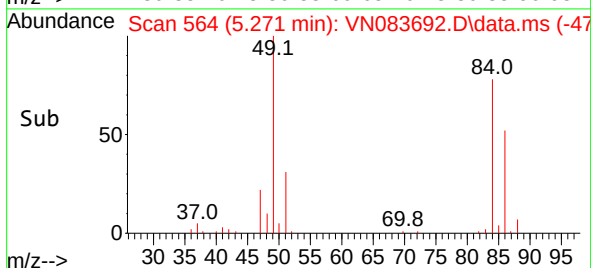
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024

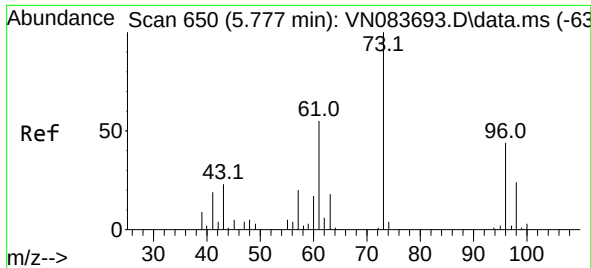


#18
 Methylene Chloride
 Concen: 47.504 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46



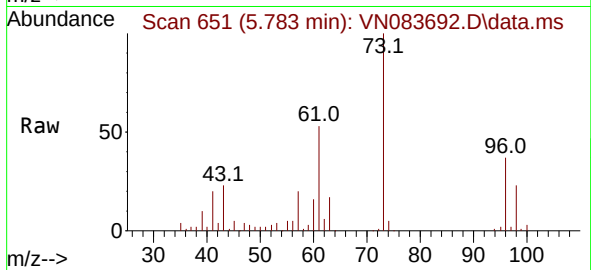
Tgt Ion: 84 Resp: 100729
 Ion Ratio Lower Upper
 84 100
 49 127.2 86.0 129.0
 51 39.4 30.0 45.0
 86 66.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 47.746 ug/l
RT: 5.783 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

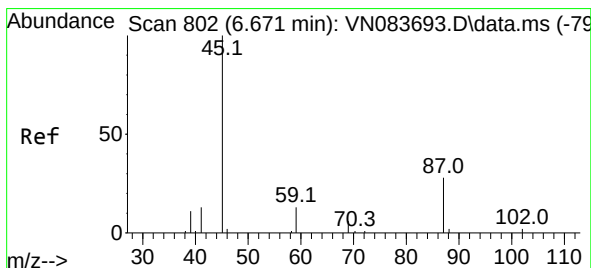
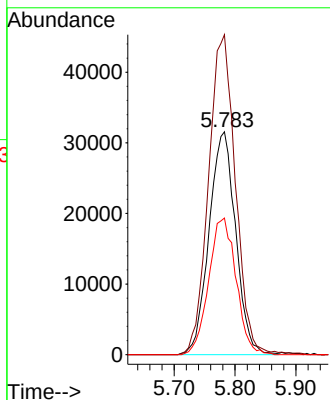
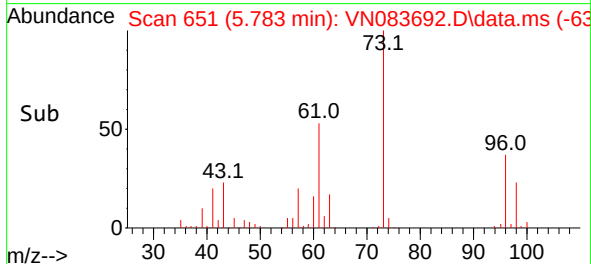
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050



Tgt Ion: 96 Resp: 9591
Ion Ratio Lower Upper
96 100
61 143.5 111.8 167.6
98 61.3 49.2 73.8

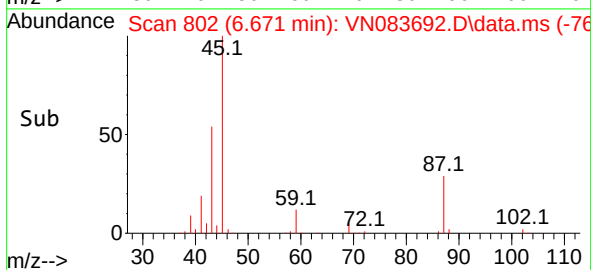
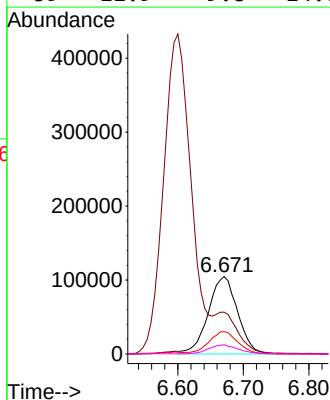
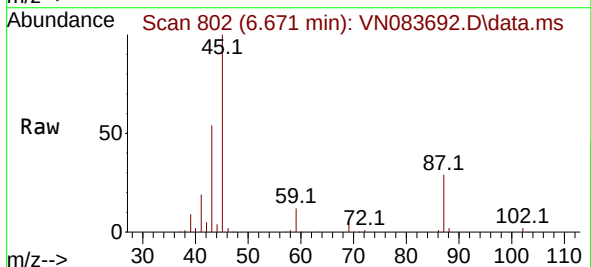
Manual Integrations
APPROVED

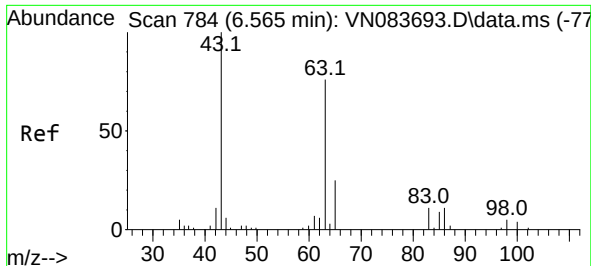
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#20
Diisopropyl ether
Concen: 47.356 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 45 Resp: 325047
Ion Ratio Lower Upper
45 100
43 52.9 40.4 60.6
87 28.8 23.8 35.8
59 11.9 9.8 14.6





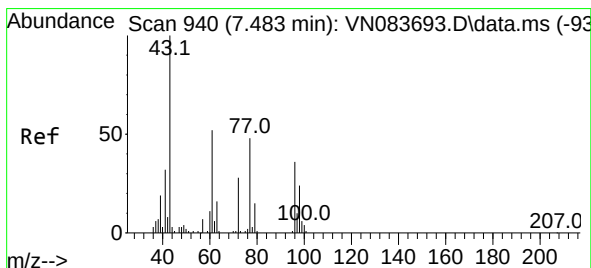
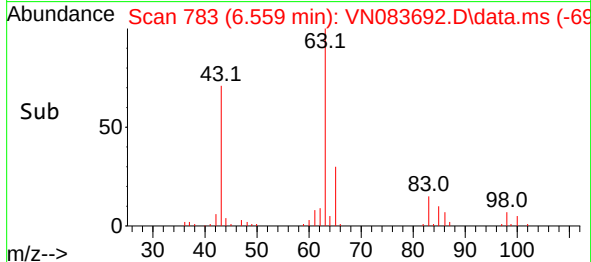
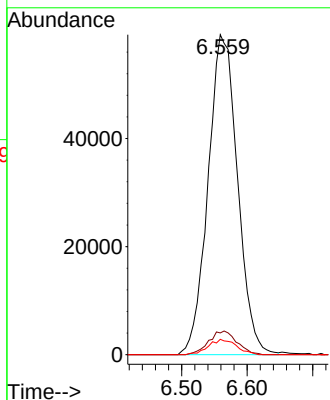
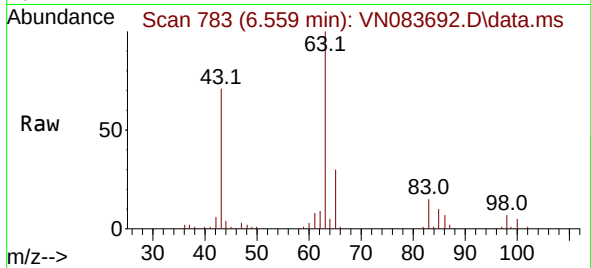
#21
1,1-Dichloroethane
Concen: 47.209 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 185000
Ion Ratio Lower Upper
63 100
98 6.8 4.1 12.3
100 4.8 3.0 9.0

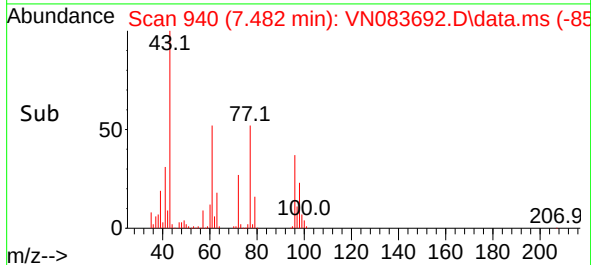
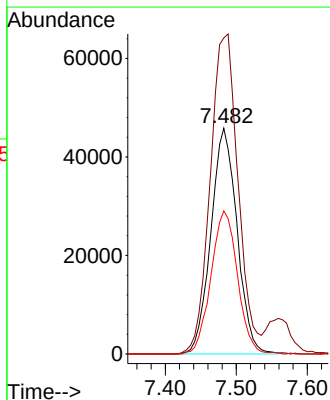
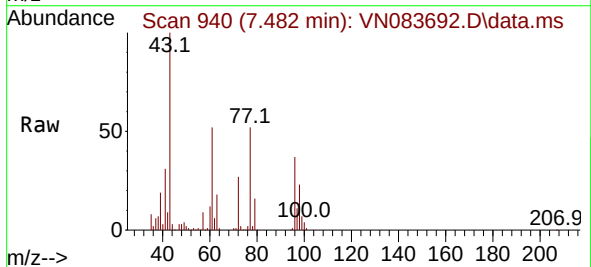
Manual Integrations
APPROVED

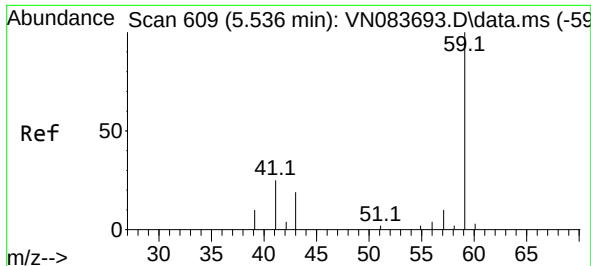
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#22
cis-1,2-Dichloroethene
Concen: 47.960 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 96 Resp: 117256
Ion Ratio Lower Upper
96 100
61 151.0 113.5 170.3
98 64.0 52.0 78.0





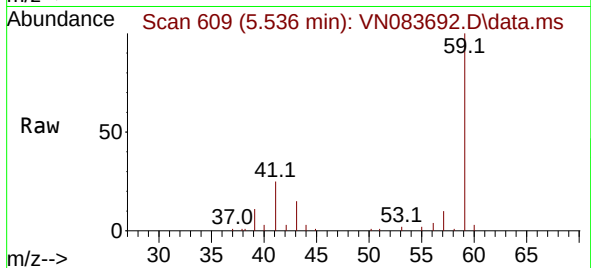
#23
tert-Butyl Alcohol
Concen: 236.828 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

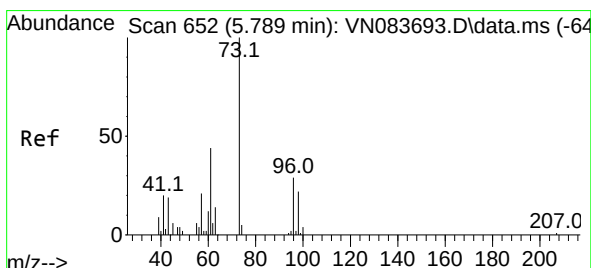
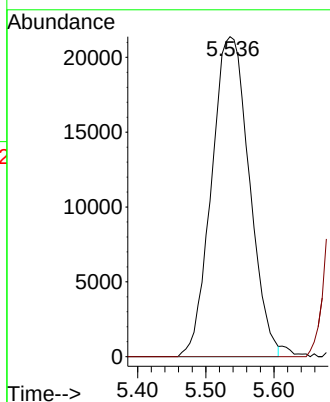
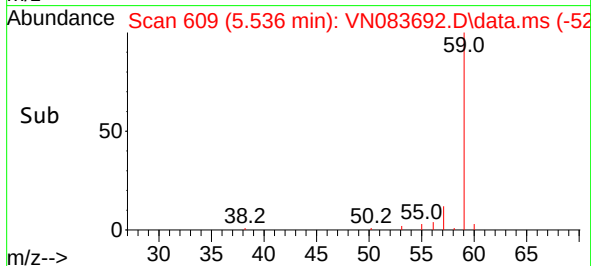


Tgt Ion: 59 Resp: 82209
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

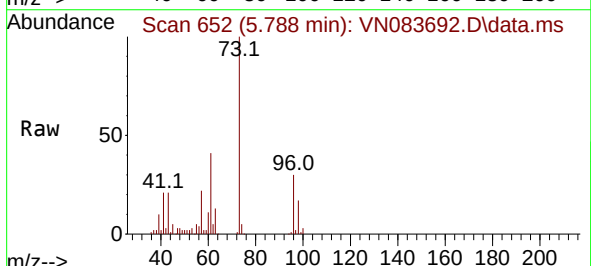
Manual Integrations

APPROVED

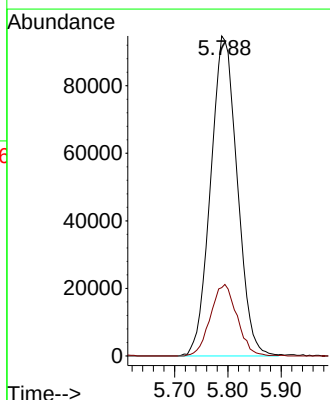
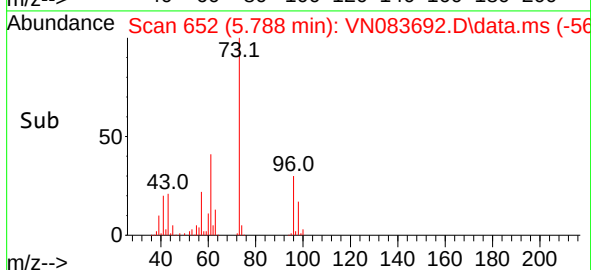
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

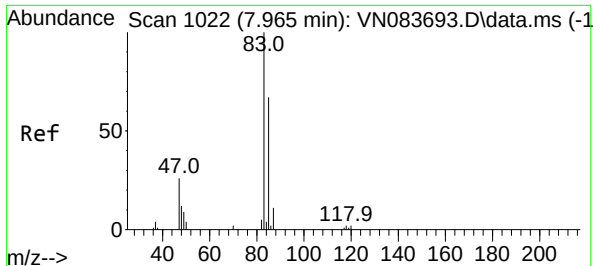


#24
Methyl tert-Butyl Ether
Concen: 47.747 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



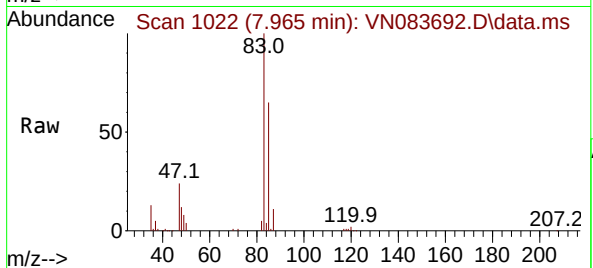
Tgt Ion: 73 Resp: 328857
Ion Ratio Lower Upper
73 100
43 22.3 13.4 20.2#





#25
Chloroform
Concen: 47.843 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

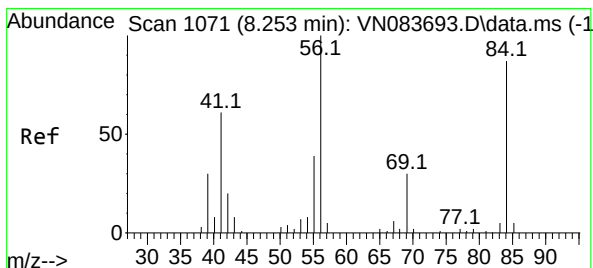
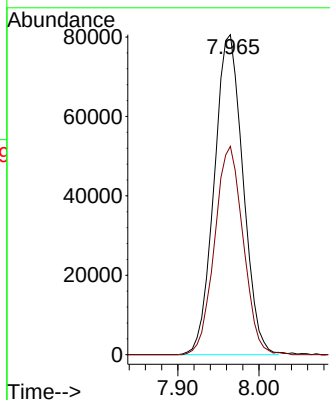
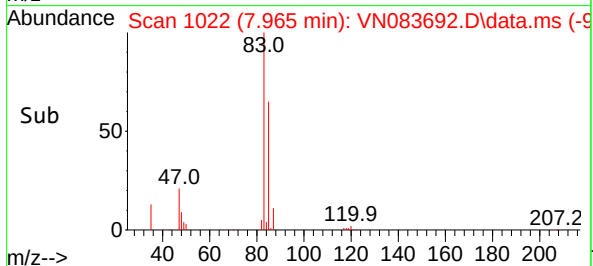
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



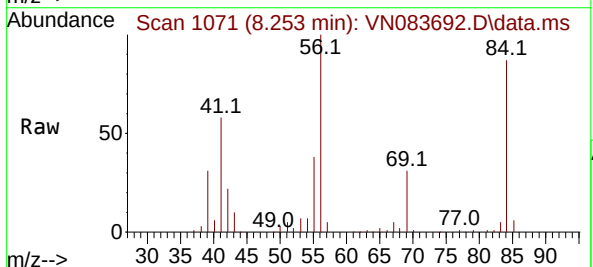
Tgt Ion: 83 Resp: 198693
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3

Manual Integrations
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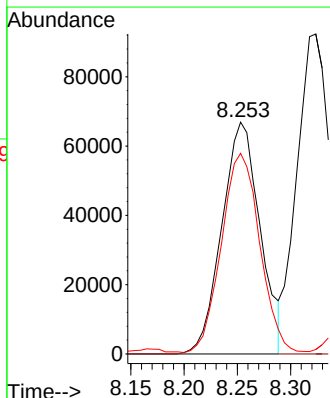
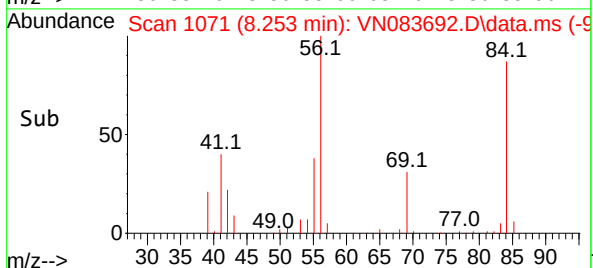
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

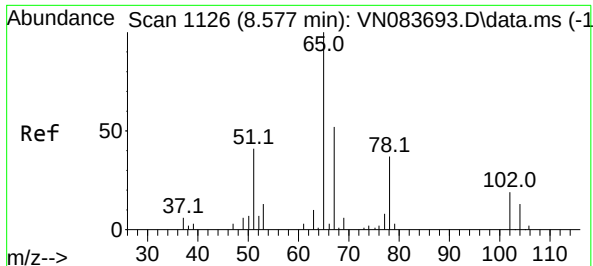


#26
Cyclohexane
Concen: 48.487 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



Tgt Ion: 56 Resp: 167355
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.6 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.050 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

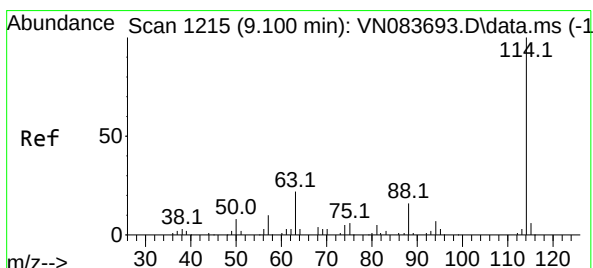
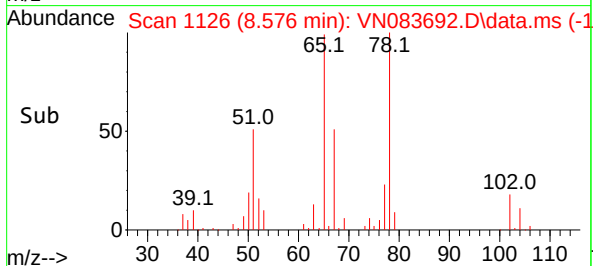
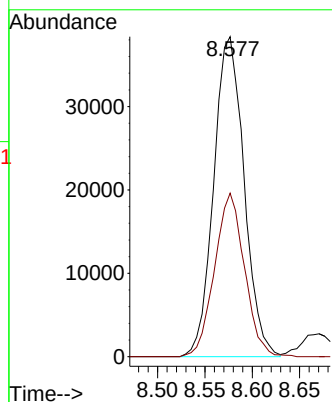
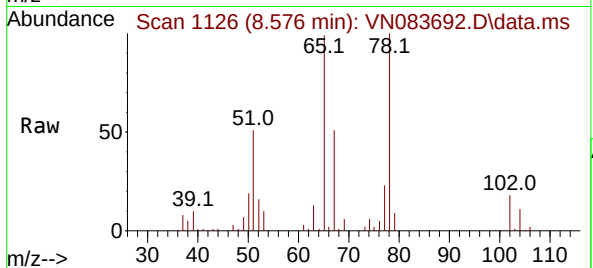
VSTDIC050

Tgt Ion: 65 Resp: 8565
Ion Ratio Lower Upper
65 100
67 50.3 43.2 64.8

Manual Integrations

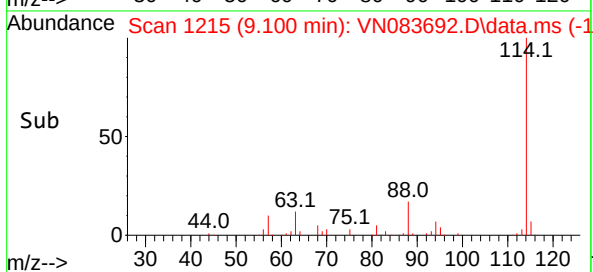
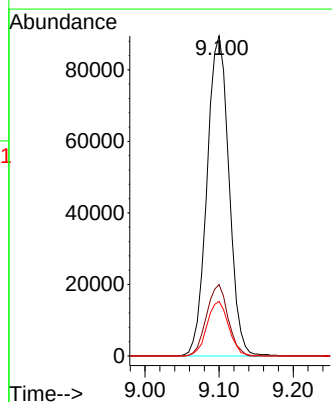
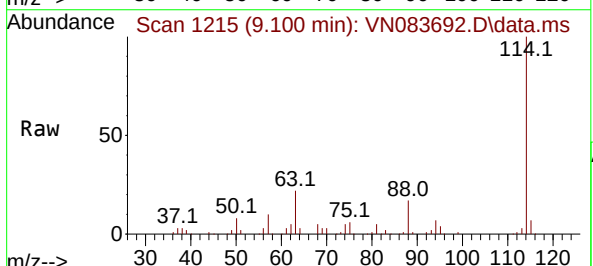
APPROVED

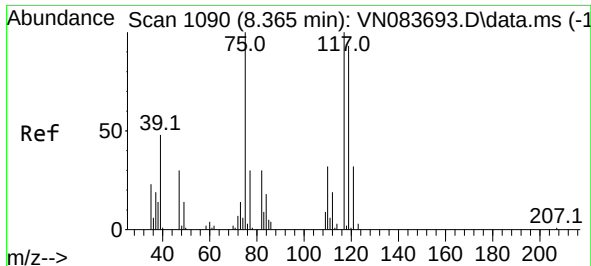
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:114 Resp: 184509
Ion Ratio Lower Upper
114 100
63 21.8 15.9 23.9
88 16.8 12.7 19.1





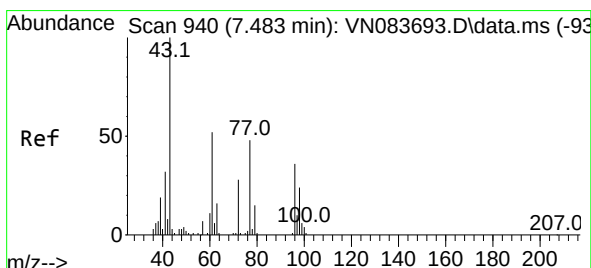
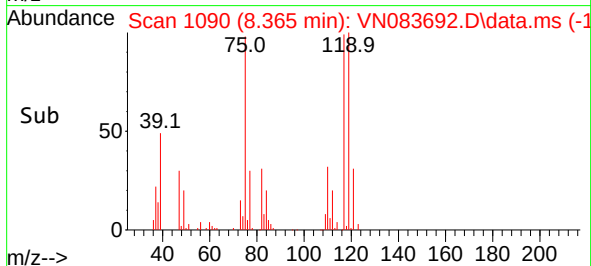
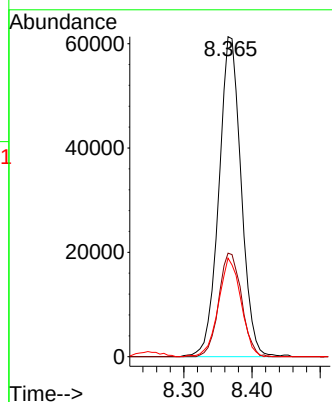
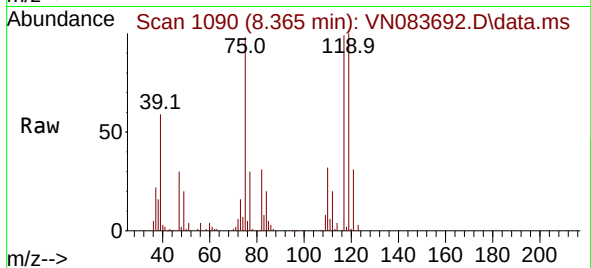
#29
1,1-Dichloropropene
Concen: 47.671 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 13951
Ion Ratio Lower Upper
75 100
110 33.0 0.0 70.2
77 31.0 0.0 61.4

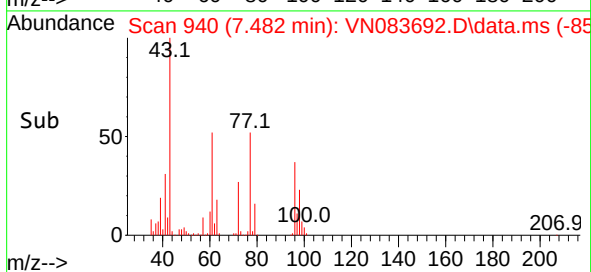
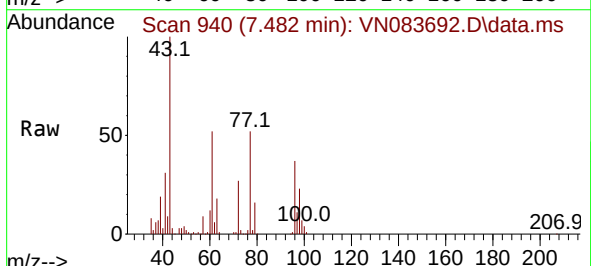
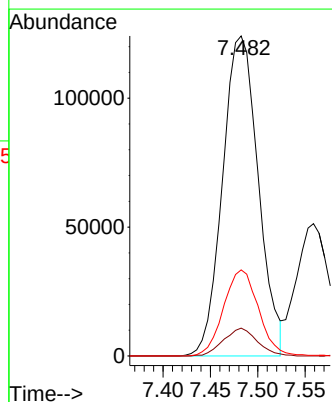
Manual Integrations
APPROVED

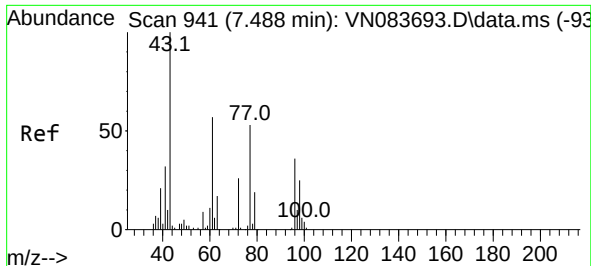
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#30
2-Butanone
Concen: 236.438 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 43 Resp: 326178
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 26.2 24.0 36.0





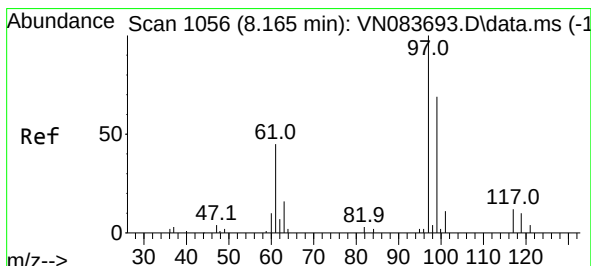
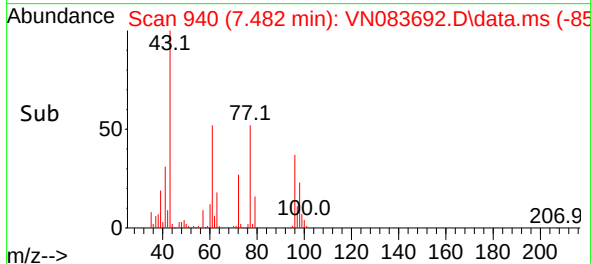
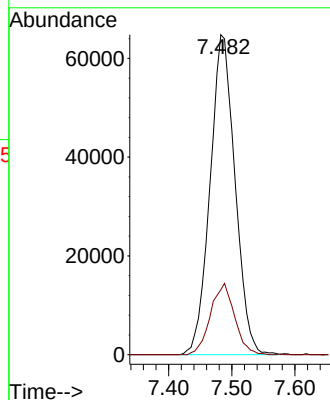
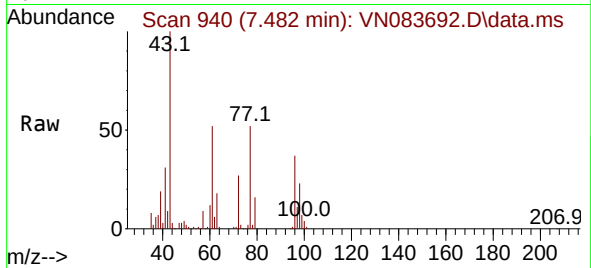
#31
2,2-Dichloropropane
Concen: 47.759 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 17819
Ion Ratio Lower Upper
77 100
97 21.5 18.3 27.5

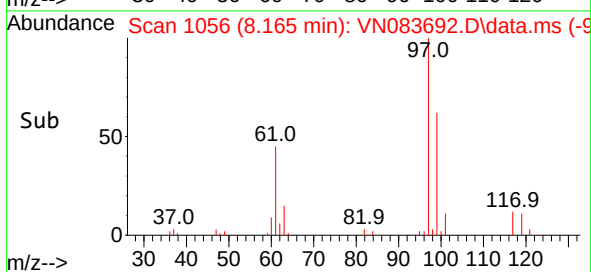
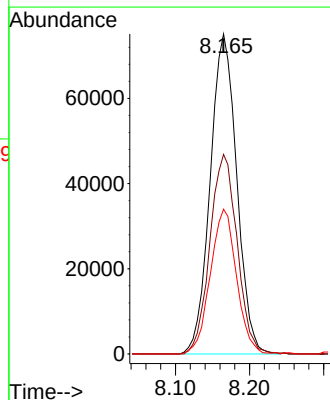
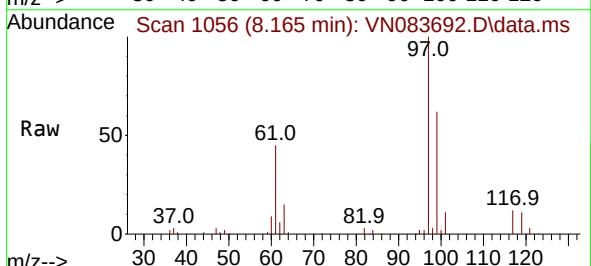
Manual Integrations
APPROVED

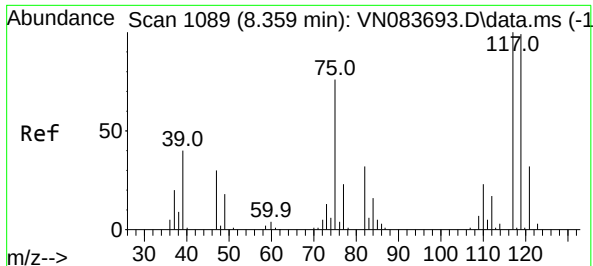
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#32
1,1,1-Trichloroethane
Concen: 47.866 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

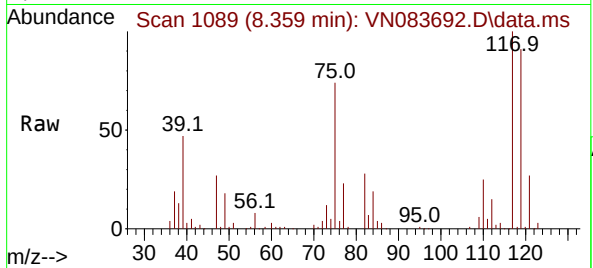
Tgt Ion: 97 Resp: 187080
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 44.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 47.659 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

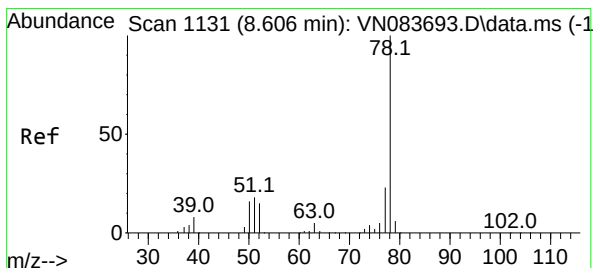
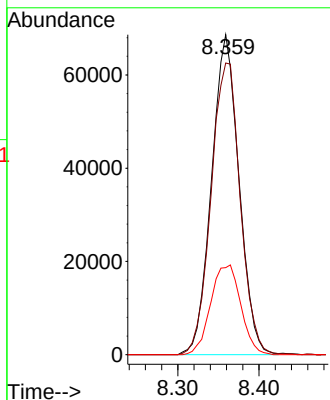
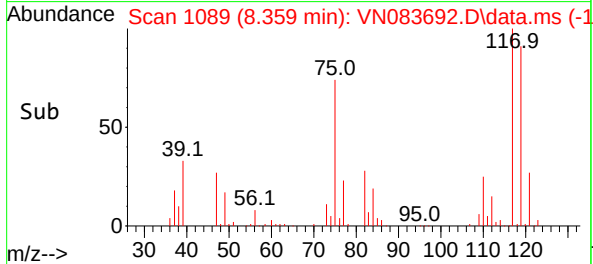
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



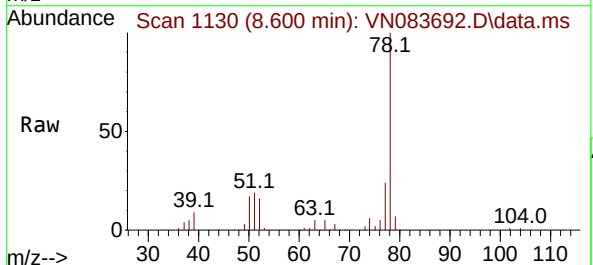
Tgt Ion: 117 Resp: 161308
Ion Ratio Lower Upper
117 100
119 91.2 77.7 116.5
121 27.2 27.0 40.6

Manual Integrations
APPROVED

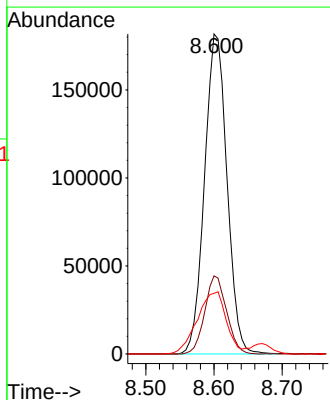
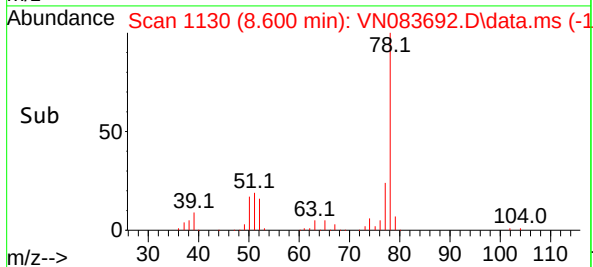
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

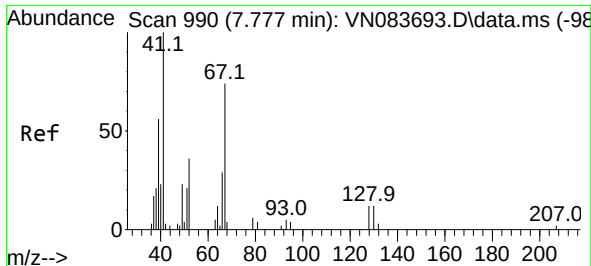


#34
Benzene
Concen: 47.498 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



Tgt Ion: 78 Resp: 417083
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8
51 18.2 13.3 19.9





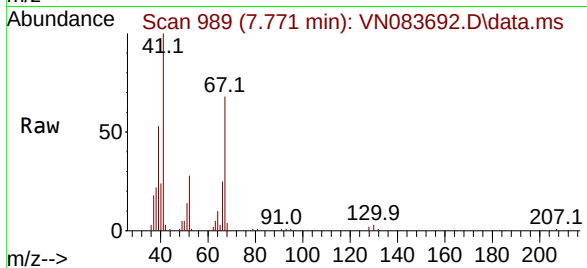
#35
Methacrylonitrile
Concen: 46.626 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



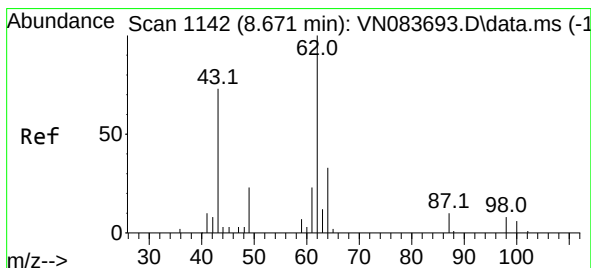
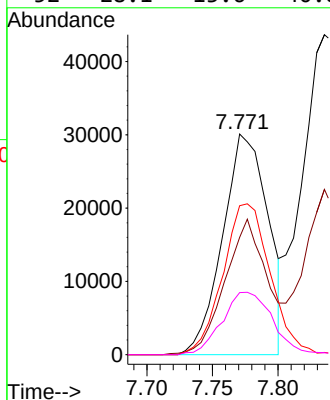
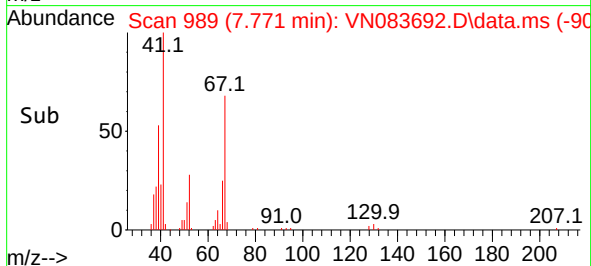
Tgt Ion: 41 Resp: 72308
Ion Ratio Lower Upper
41 100
39 52.5 25.3 75.9
67 67.5 38.7 116.1
52 28.1 13.6 40.8

Manual Integrations

APPROVED

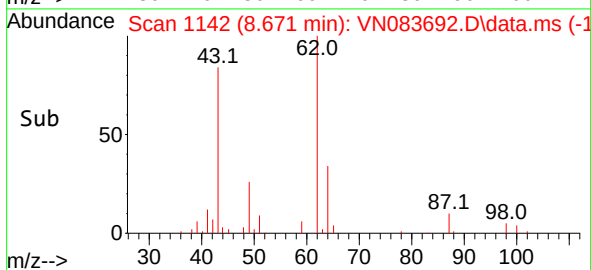
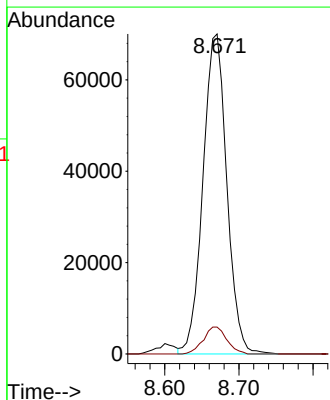
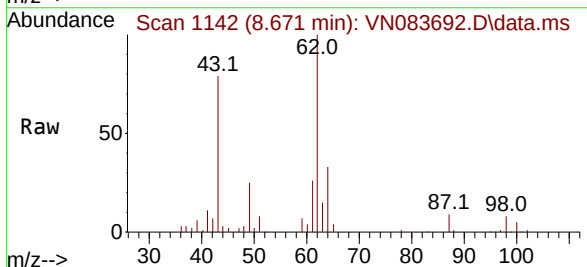
Reviewed By :John Carlone 09/09/2024

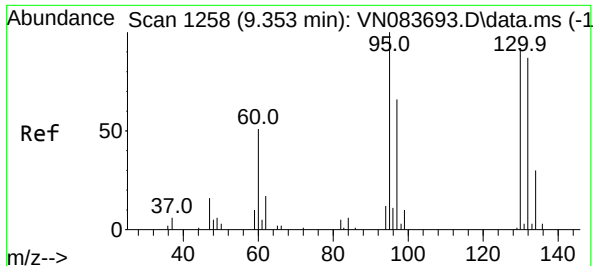
Supervised By :Mahesh Dadoda 09/09/2024



#36
1,2-Dichloroethane
Concen: 47.414 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 62 Resp: 156520
Ion Ratio Lower Upper
62 100
98 8.3 8.2 12.4





#37

Trichloroethene

Concen: 47.090 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 97099

Ion Ratio Lower Upper

130 100

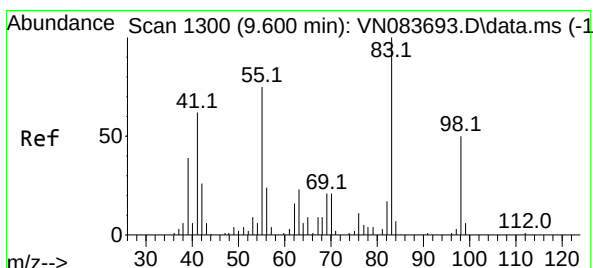
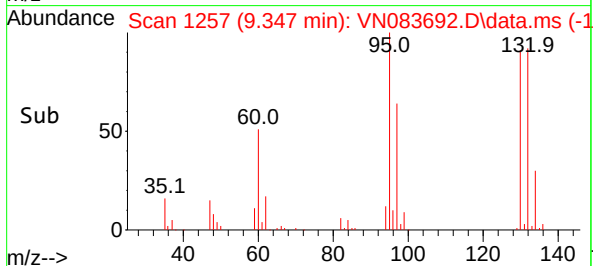
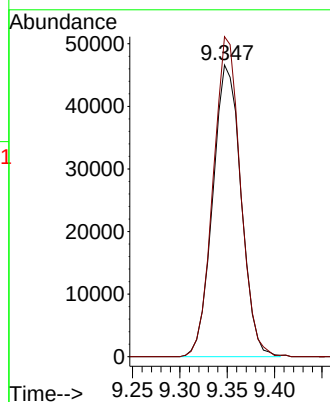
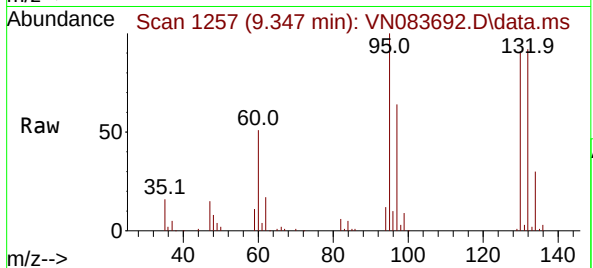
95 109.7 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#38

Methylcyclohexane

Concen: 48.224 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

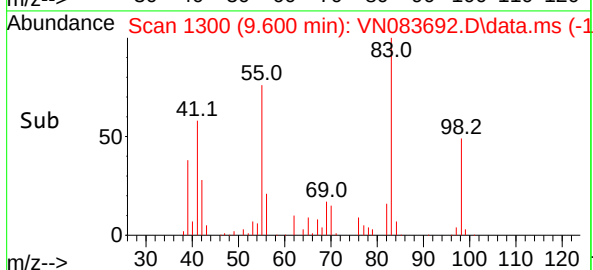
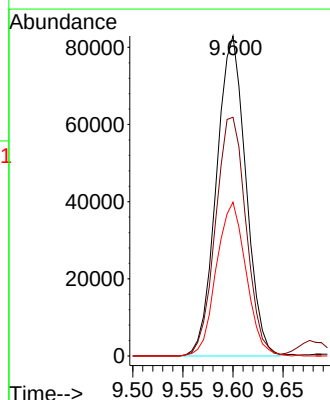
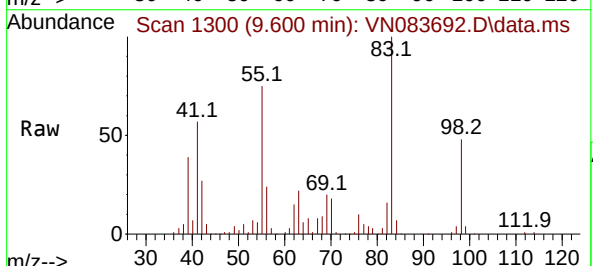
Tgt Ion: 83 Resp: 168966

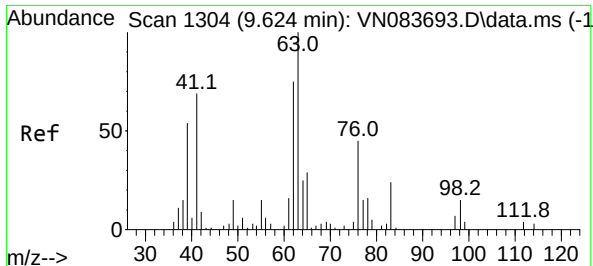
Ion Ratio Lower Upper

83 100

55 77.5 36.6 109.9

98 48.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 47.639 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 100678

Ion Ratio Lower Upper

63 100

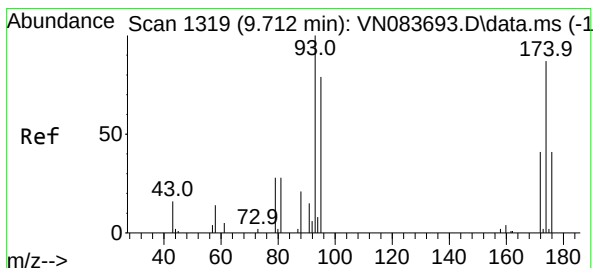
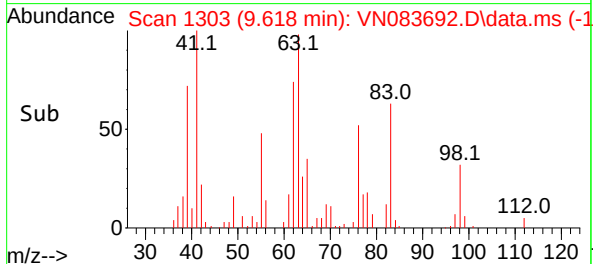
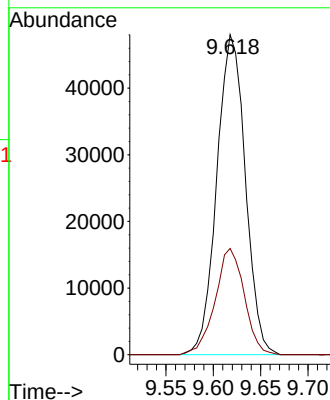
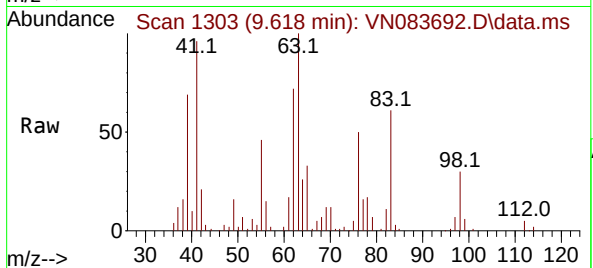
65 33.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#40

Dibromomethane

Concen: 47.803 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

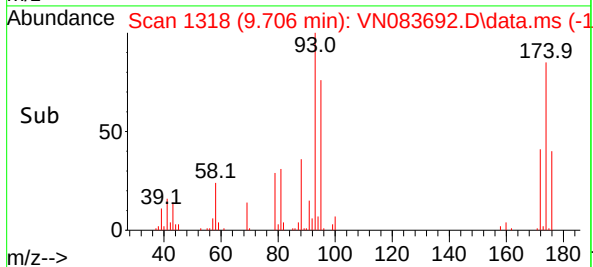
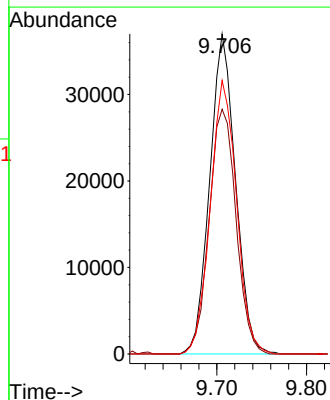
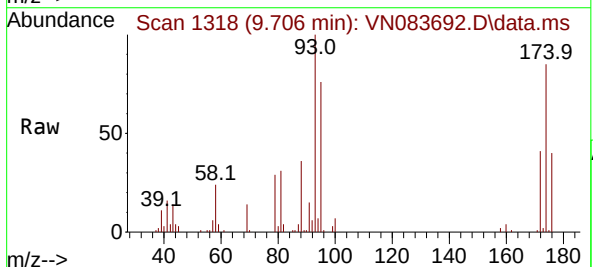
Tgt Ion: 93 Resp: 73868

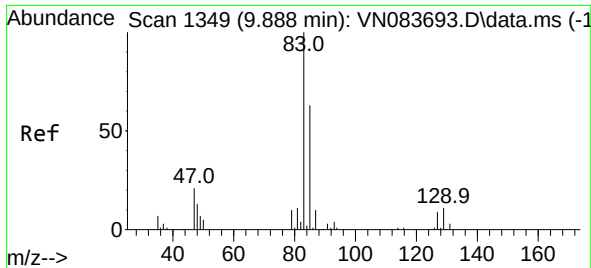
Ion Ratio Lower Upper

93 100

95 79.8 0.0 164.6

174 87.0 0.0 193.2





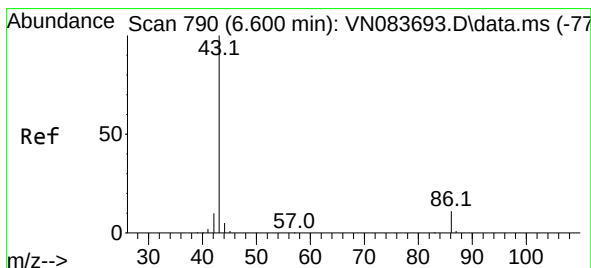
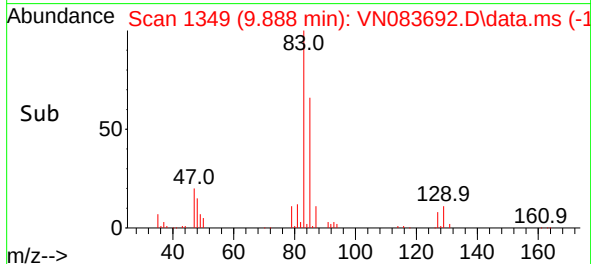
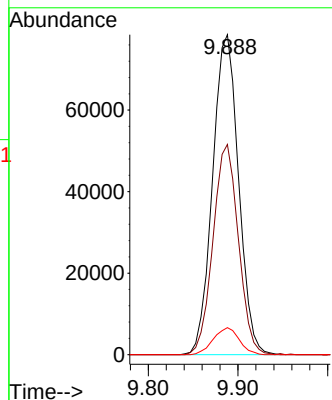
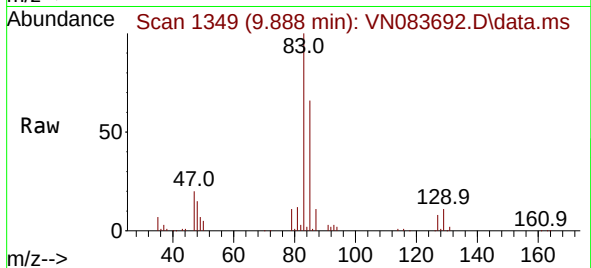
#41
Bromodichloromethane
Concen: 47.950 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 15756
Ion Ratio Lower Upper
83 100
85 65.7 49.4 74.2
127 8.5 7.3 10.9

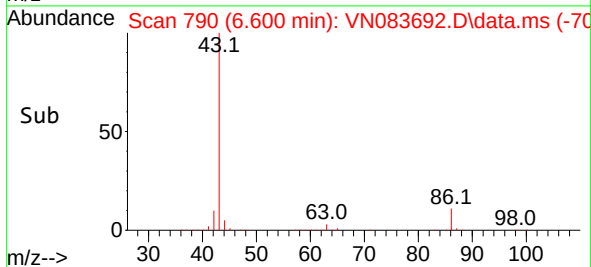
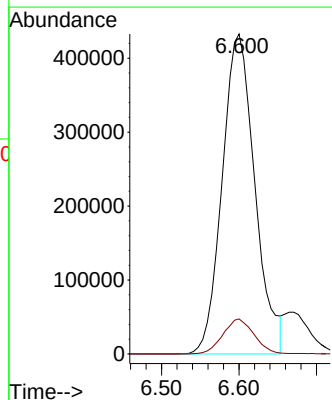
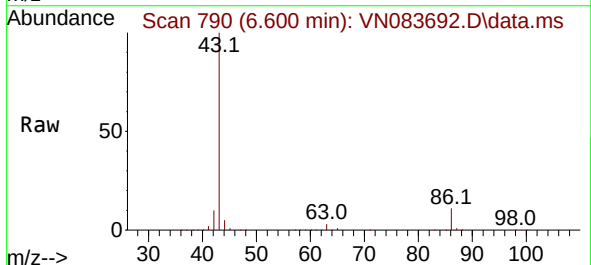
Manual Integrations
APPROVED

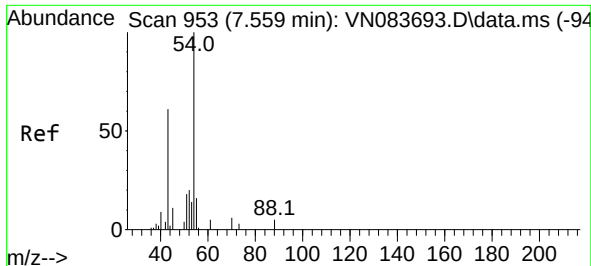
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#42
Vinyl Acetate
Concen: 223.883 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 43 Resp: 1269865
Ion Ratio Lower Upper
43 100
86 10.4 9.4 14.2





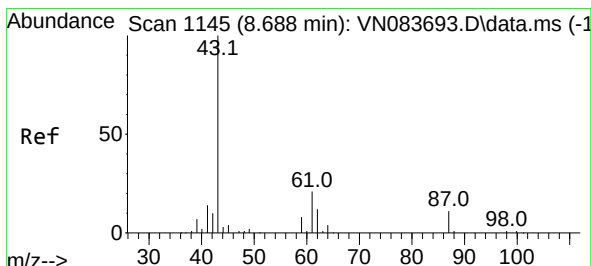
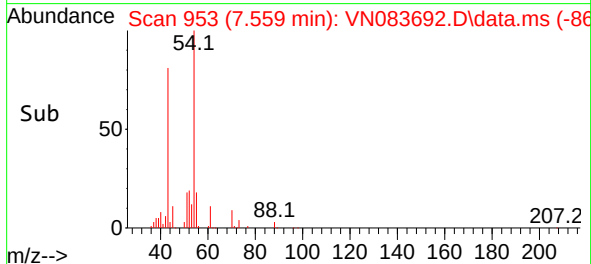
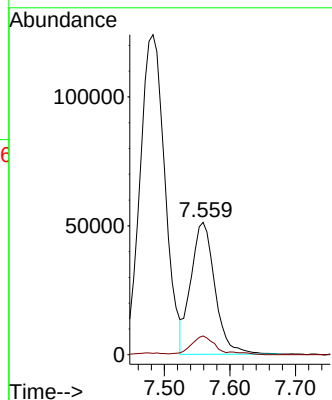
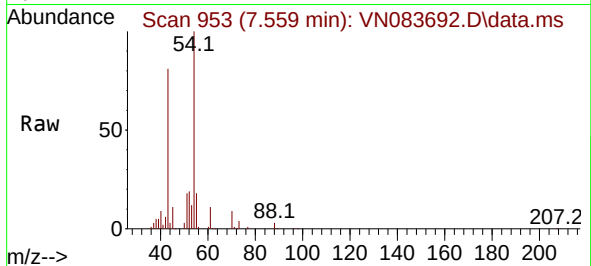
#43
Ethyl Acetate
Concen: 47.013 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 13054
Ion Ratio Lower Upper
43 100
45 12.1 10.6 15.8

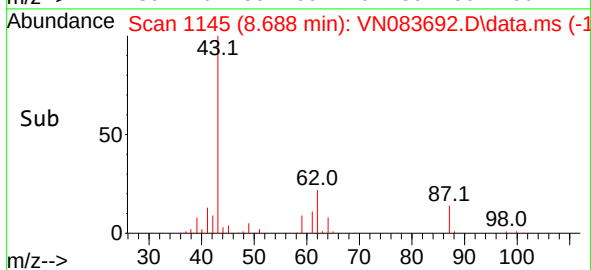
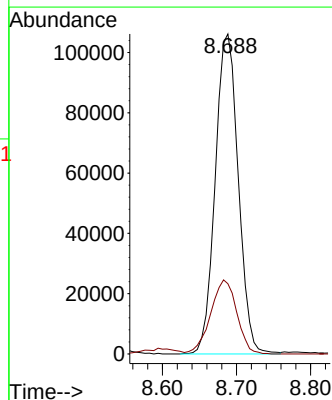
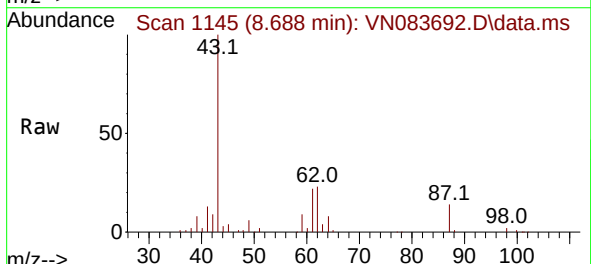
Manual Integrations
APPROVED

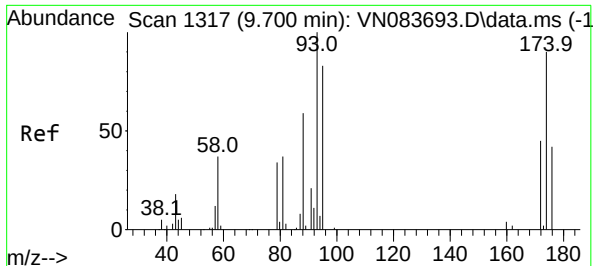
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#44
Isopropyl Acetate
Concen: 47.761 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 43 Resp: 229379
Ion Ratio Lower Upper
43 100
61 26.3 25.0 37.4





#45

1,4-Dioxane

Concen: 956.571 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 3583

Ion Ratio Lower Upper

88 100

43 33.0 19.8 29.6

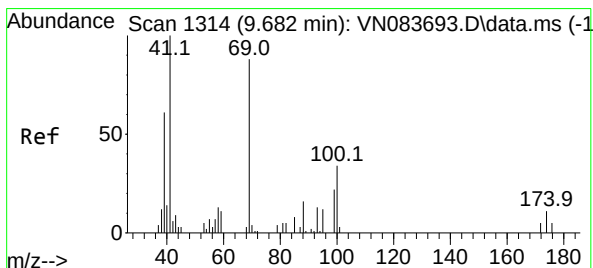
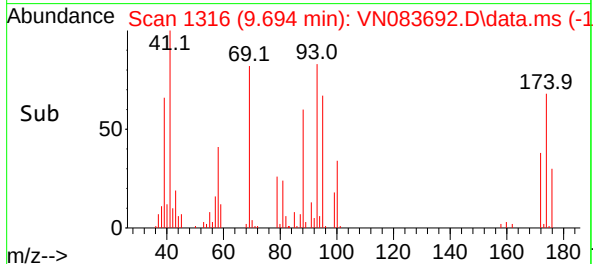
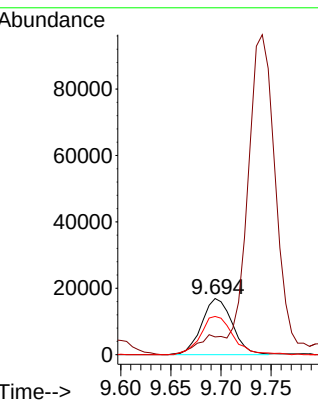
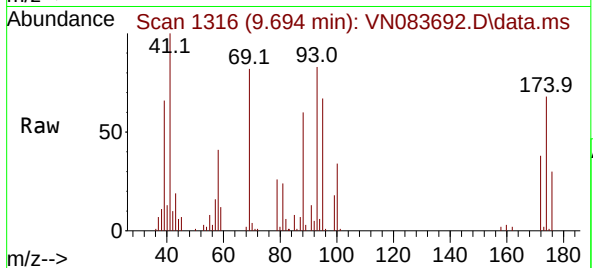
58 72.6 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#46

Methyl methacrylate

Concen: 47.980 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

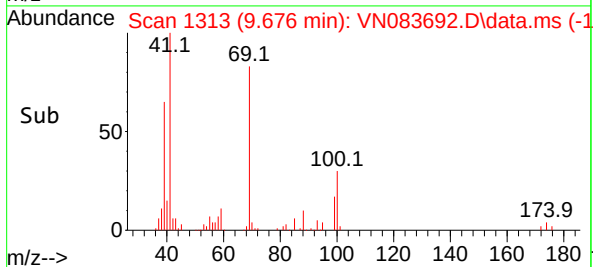
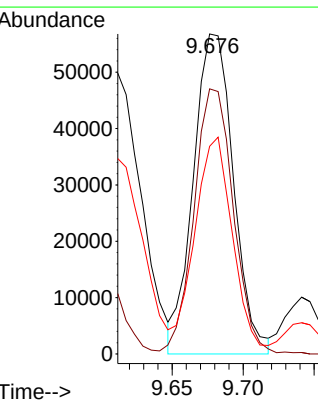
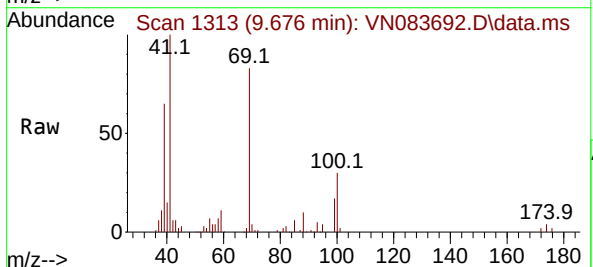
Tgt Ion: 41 Resp: 111533

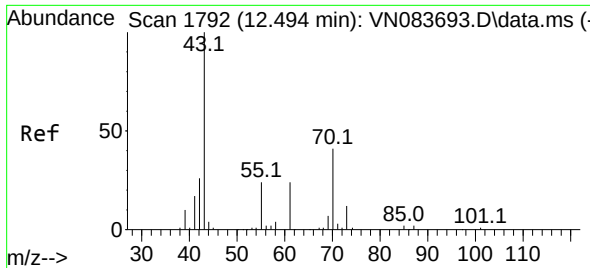
Ion Ratio Lower Upper

41 100

69 85.4 51.1 153.3

39 65.5 25.8 77.3





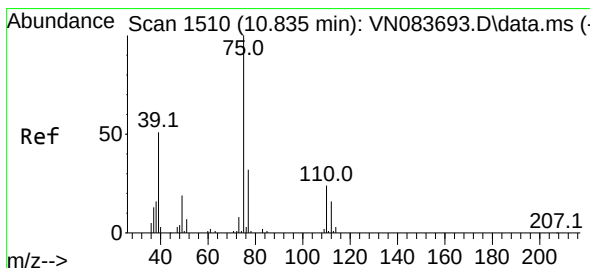
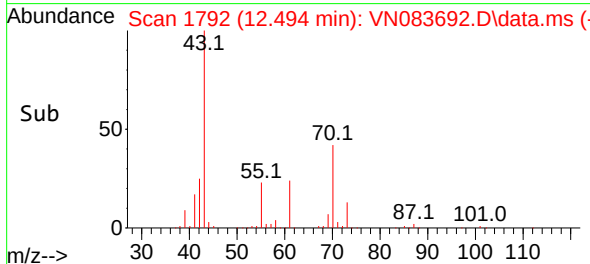
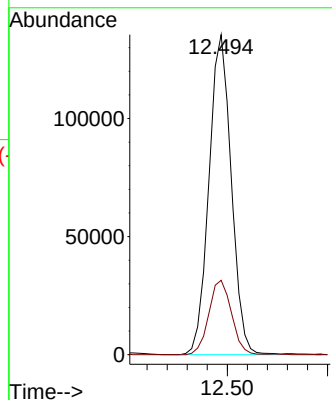
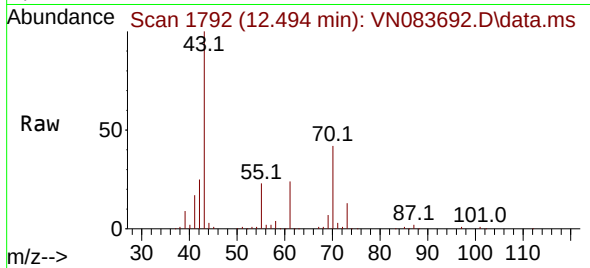
#47
n-amy1 Acetate
Concen: 49.301 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 209735
Ion Ratio Lower Upper
43 100
55 23.6 23.4 35.2

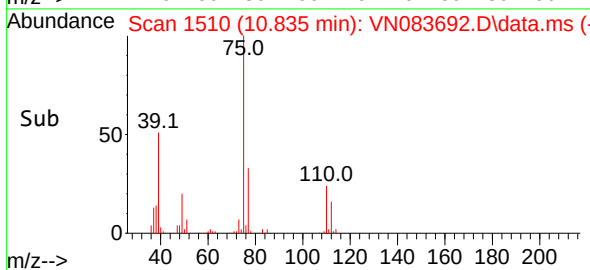
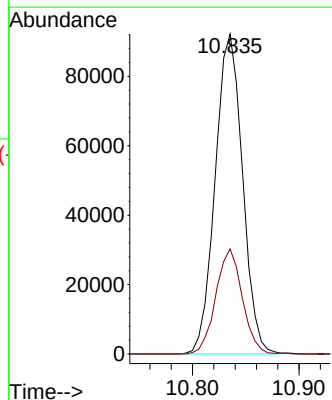
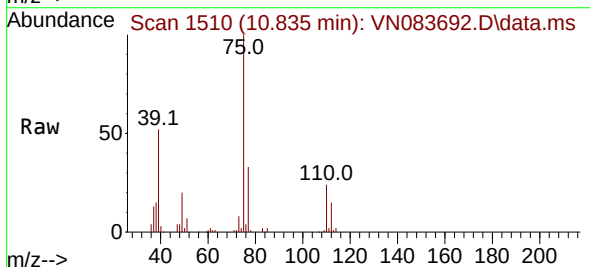
Manual Integrations
APPROVED

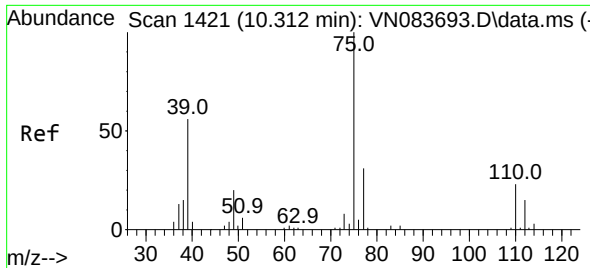
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#48
t-1,3-Dichloropropene
Concen: 47.515 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

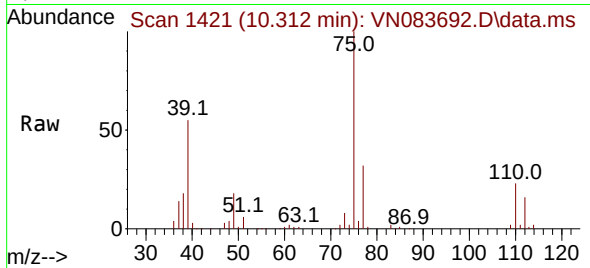
Tgt Ion: 75 Resp: 164230
Ion Ratio Lower Upper
75 100
77 32.8 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 47.625 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

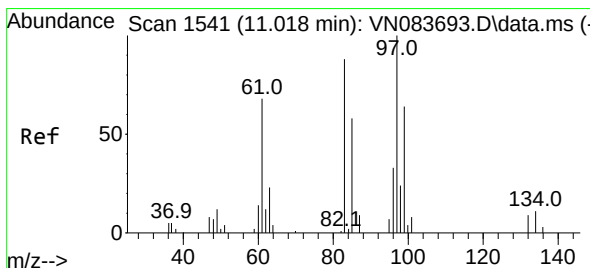
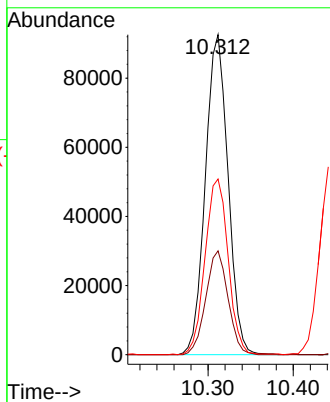
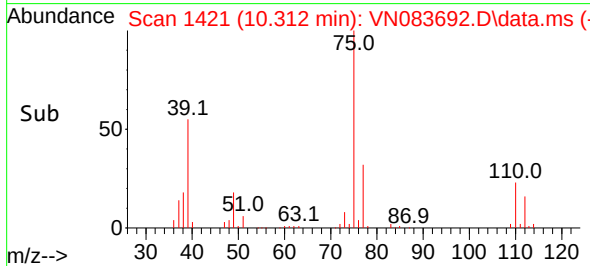
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 17119
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3
 39 54.9 31.0 46.6

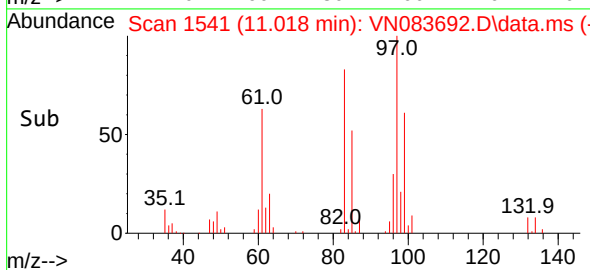
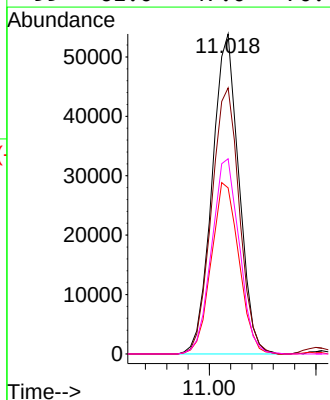
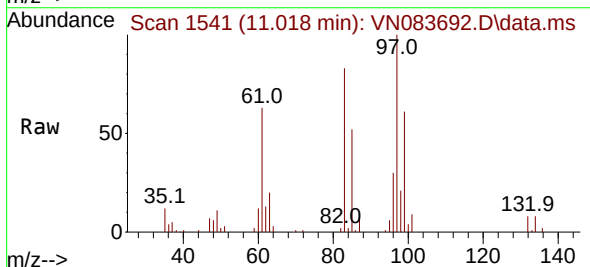
Manual Integrations
 APPROVED

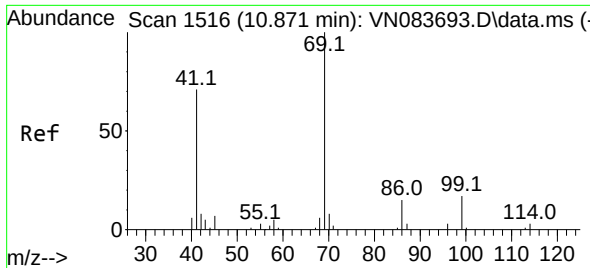
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024



#50
 1,1,2-Trichloroethane
 Concen: 47.818 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

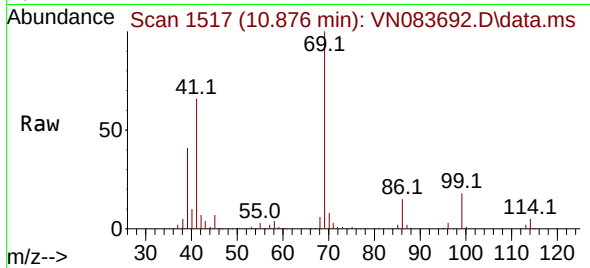
Tgt Ion: 97 Resp: 94024
 Ion Ratio Lower Upper
 97 100
 83 83.1 68.1 102.1
 85 51.9 41.8 62.6
 99 61.0 47.0 70.4





#51
Ethyl methacrylate
Concen: 48.091 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

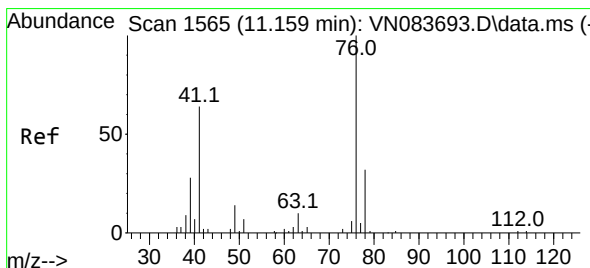
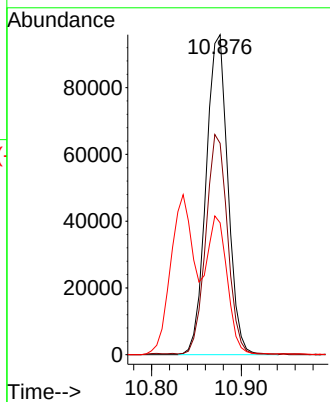
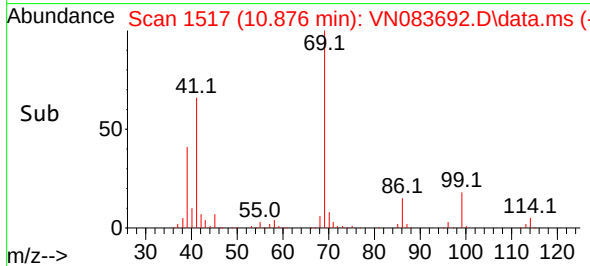
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 161552
Ion Ratio Lower Upper
69 100
41 65.8 25.5 76.5
39 41.0 16.0 47.9

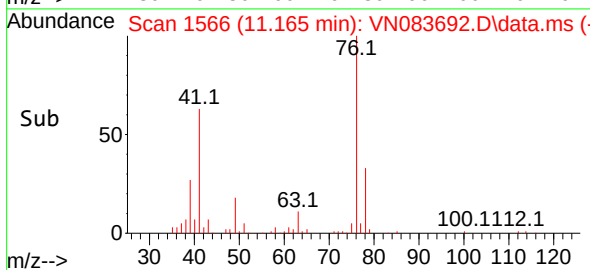
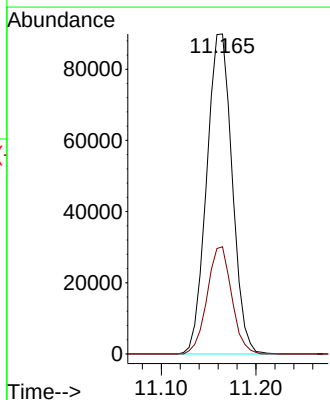
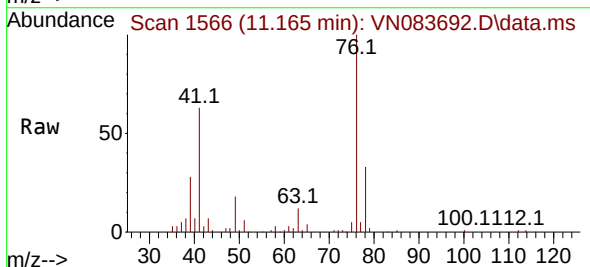
Manual Integrations
APPROVED

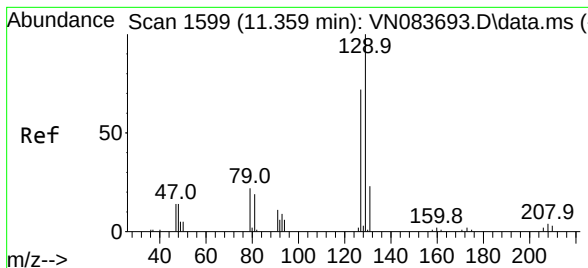
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#52
1,3-Dichloropropane
Concen: 47.331 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

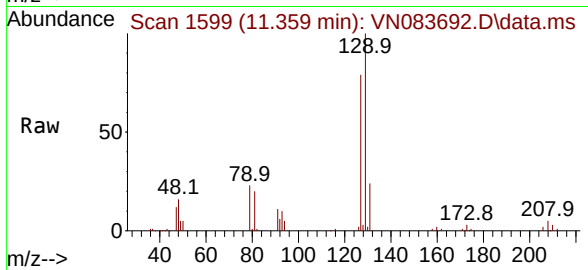
Tgt Ion: 76 Resp: 168067
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.8





#53
Dibromochloromethane
Concen: 48.475 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

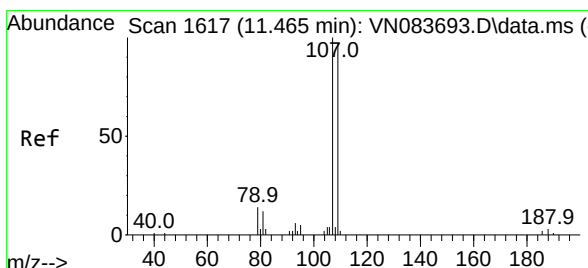
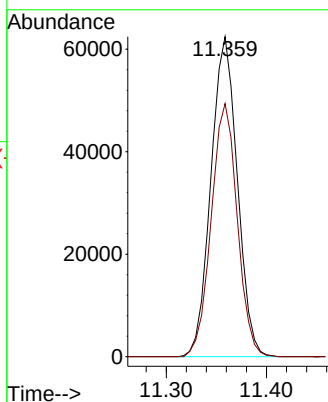
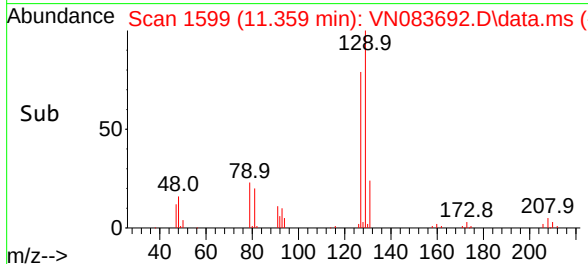
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



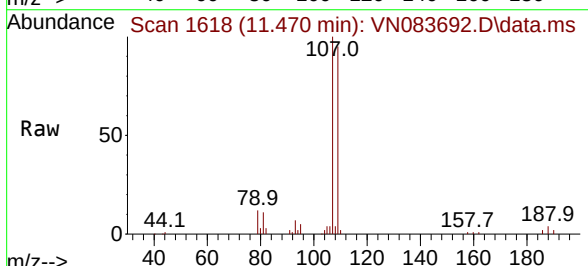
Tgt Ion:129 Resp: 11432
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

Manual Integrations
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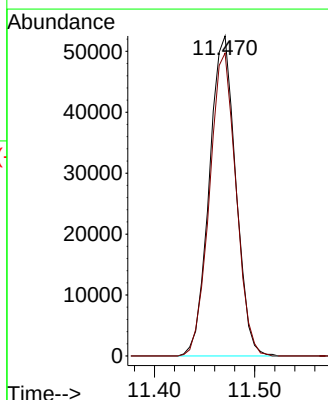
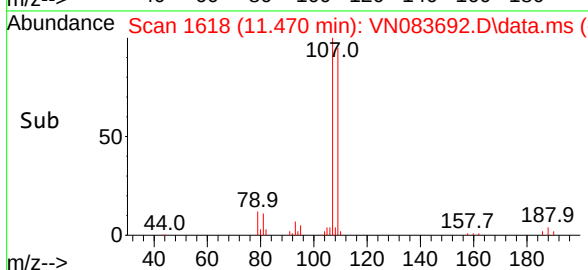
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

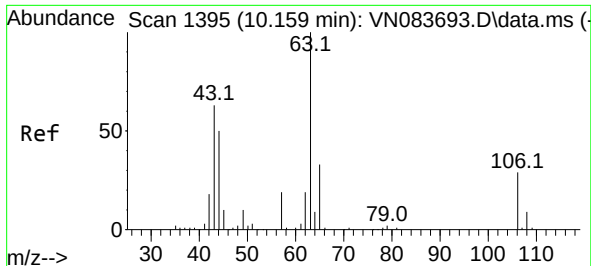


#54
1,2-Dibromoethane
Concen: 47.345 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



Tgt Ion:107 Resp: 96308
Ion Ratio Lower Upper
107 100
109 94.7 74.7 112.1





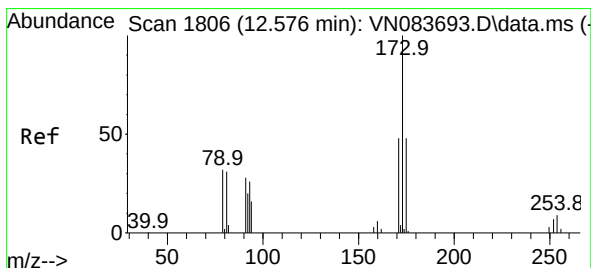
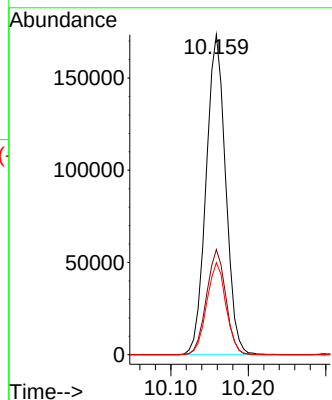
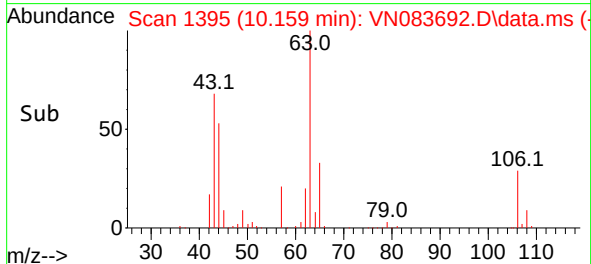
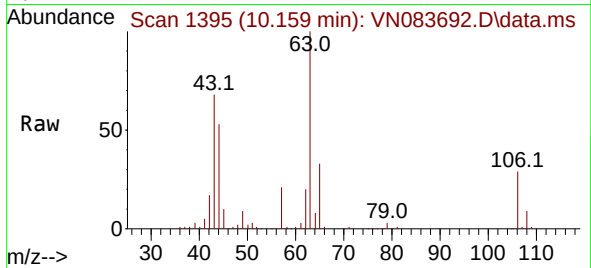
#55
2-Chloroethyl vinyl ether
Concen: 226.464 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 30318
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.2
106 28.4 23.8 35.8

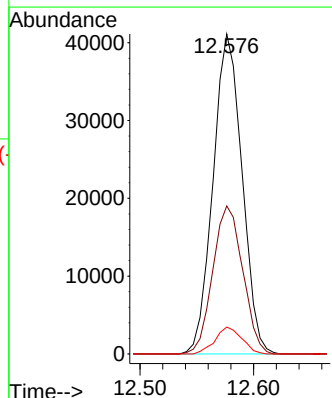
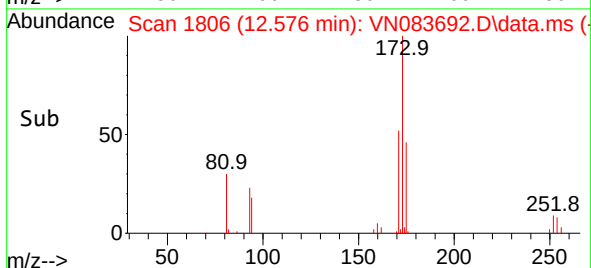
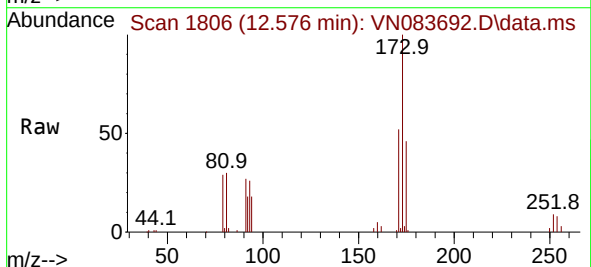
Manual Integrations
APPROVED

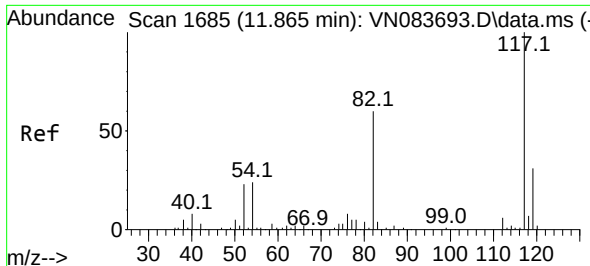
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#56
Bromoform
Concen: 48.608 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

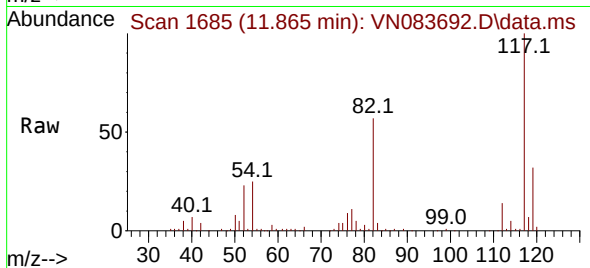
Tgt Ion:173 Resp: 72832
Ion Ratio Lower Upper
173 100
175 47.8 40.0 60.0
254 7.8 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

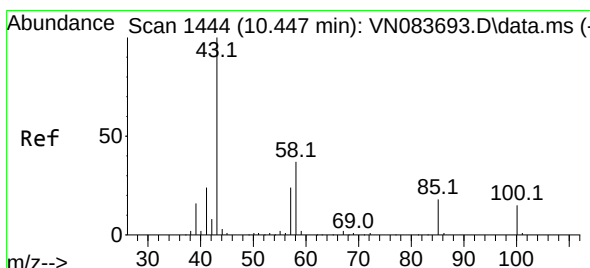
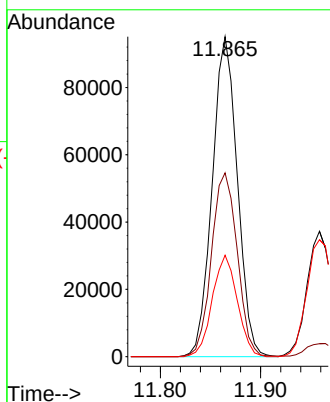
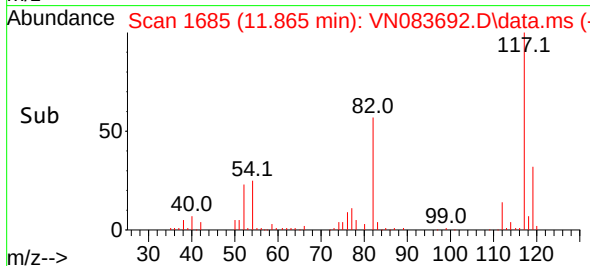
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



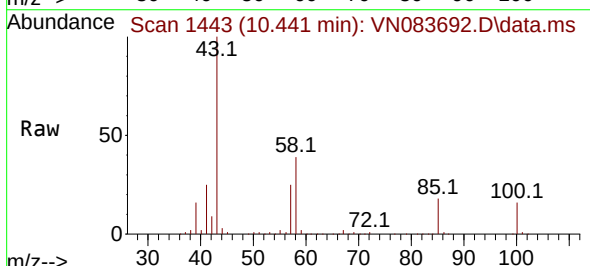
Tgt Ion:117 Resp: 165492
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.6 25.4 38.2

Manual Integrations
APPROVED

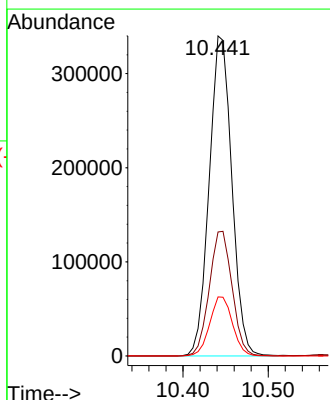
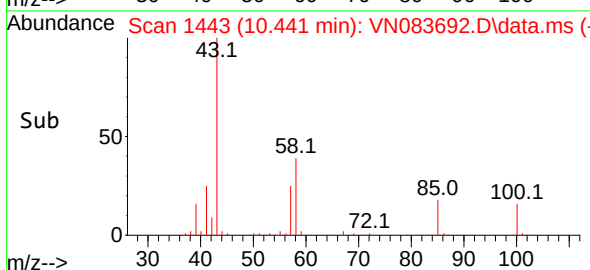
Reviewed By :John Carbone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

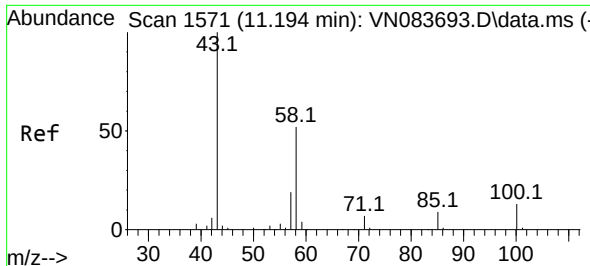


#58
4-Methyl-2-Pentanone
Concen: 239.462 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



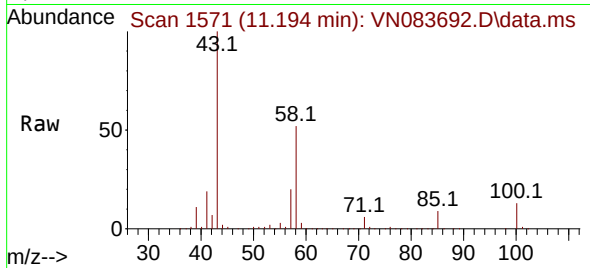
Tgt Ion: 43 Resp: 628368
Ion Ratio Lower Upper
43 100
58 39.2 36.5 54.7
85 18.5 19.5 29.3#





#59
2-Hexanone
Concen: 238.463 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

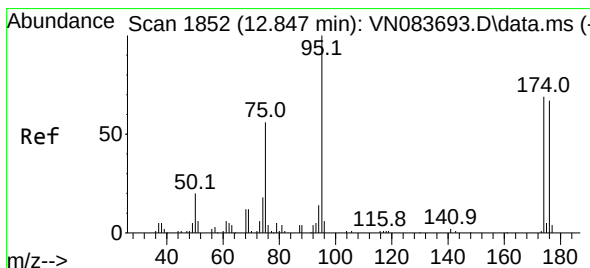
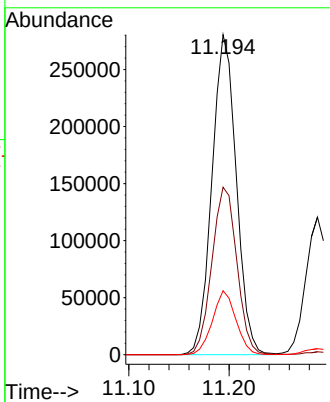
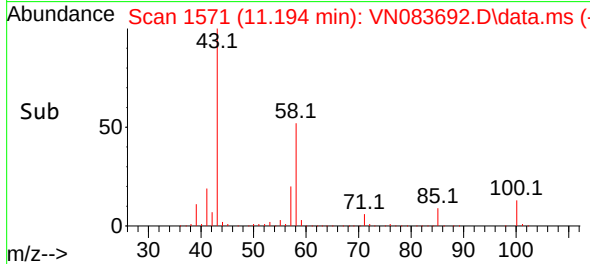
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 47282
Ion Ratio Lower Upper
43 100
58 53.7 50.4 75.6
57 19.3 18.6 27.8

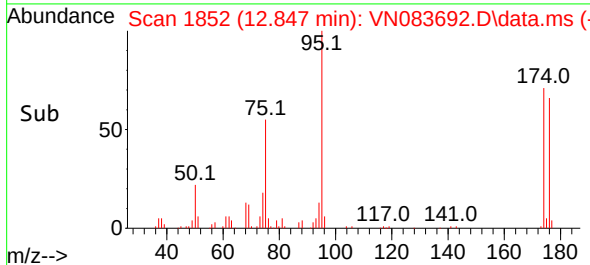
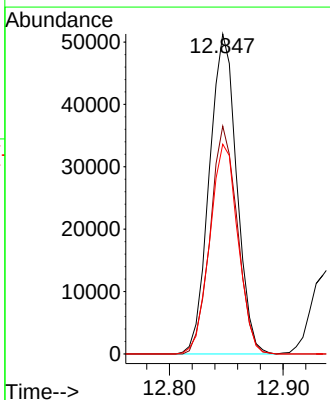
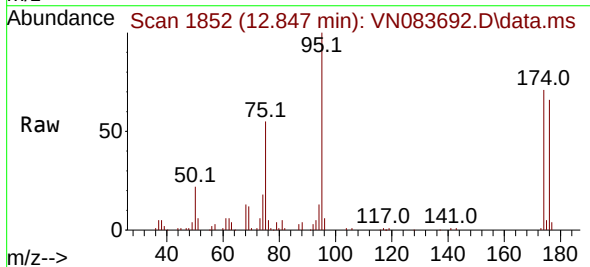
Manual Integrations
APPROVED

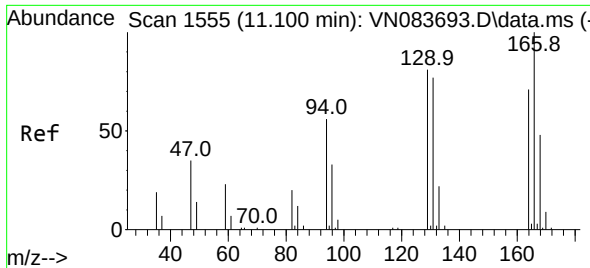
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#60
4-Bromofluorobenzene
Concen: 30.095 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 95 Resp: 85838
Ion Ratio Lower Upper
95 100
174 70.4 60.5 90.7
176 67.6 57.8 86.6





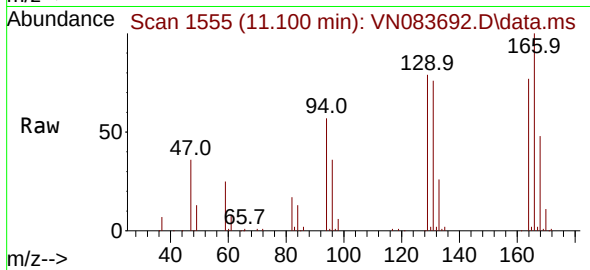
#61
Tetrachloroethene
Concen: 46.589 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



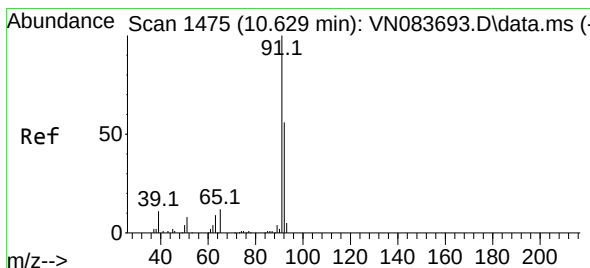
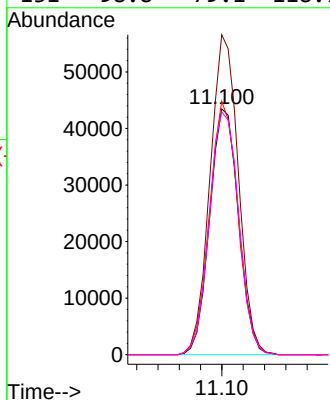
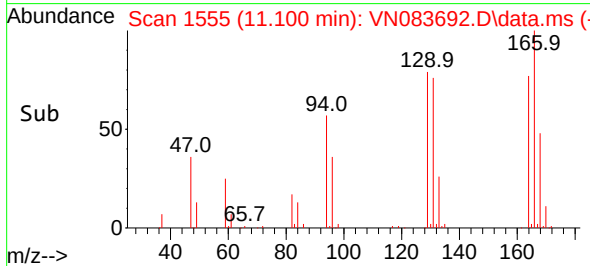
Tgt Ion:164 Resp: 81597
Ion Ratio Lower Upper
164 100
166 130.2 106.7 160.1
129 103.0 85.8 128.6
131 98.8 79.1 118.7

Manual Integrations

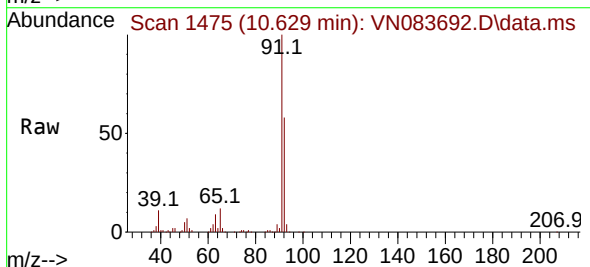
APPROVED

Reviewed By :John Carlone 09/09/2024

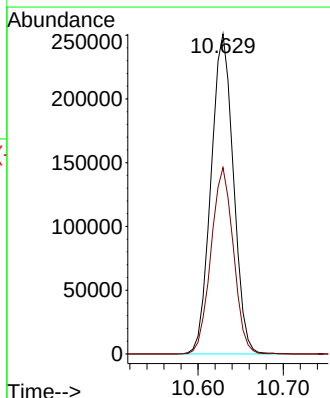
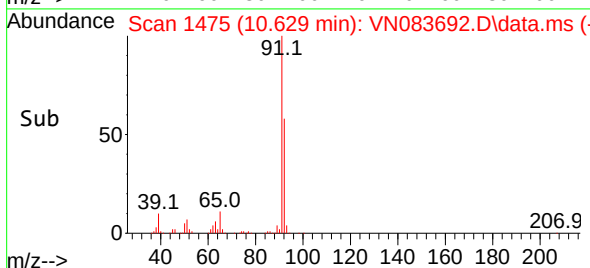
Supervised By :Mahesh Dadoda 09/09/2024

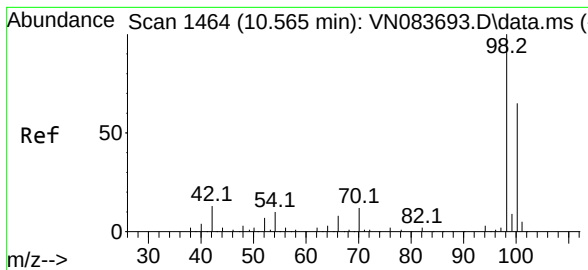


#62
Toluene
Concen: 48.163 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



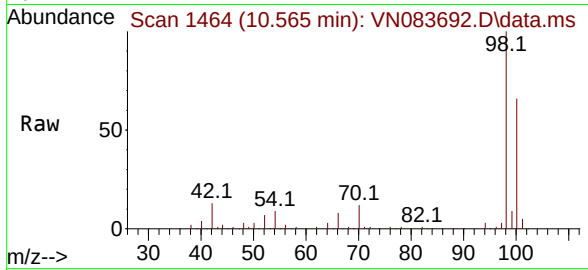
Tgt Ion: 91 Resp: 458137
Ion Ratio Lower Upper
91 100
92 58.3 46.5 69.7





#63
Toluene-d8
Concen: 29.834 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

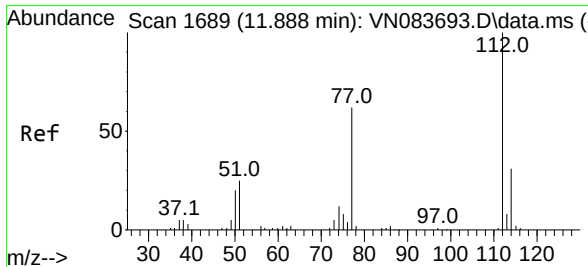
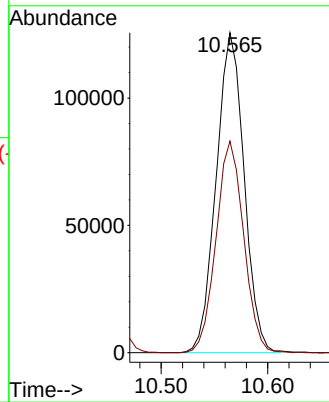
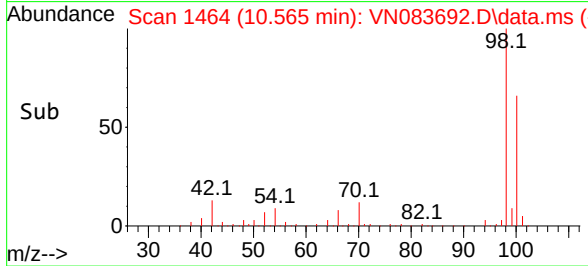
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 228618
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

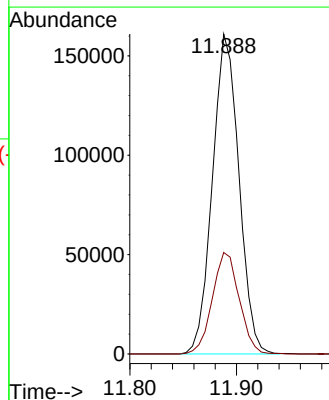
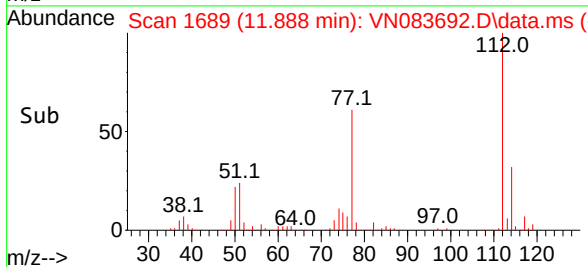
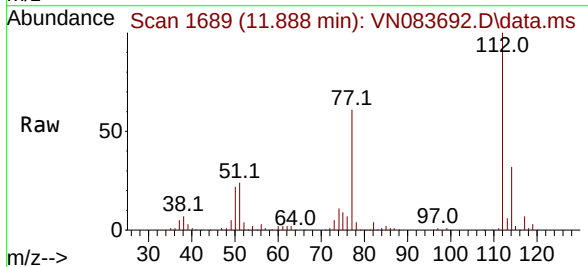
Manual Integrations
APPROVED

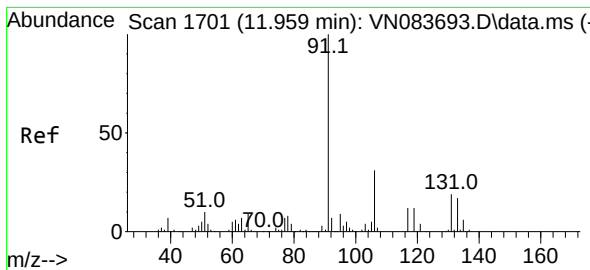
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#64
Chlorobenzene
Concen: 47.203 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:112 Resp: 277997
Ion Ratio Lower Upper
112 100
114 31.7 26.6 39.8





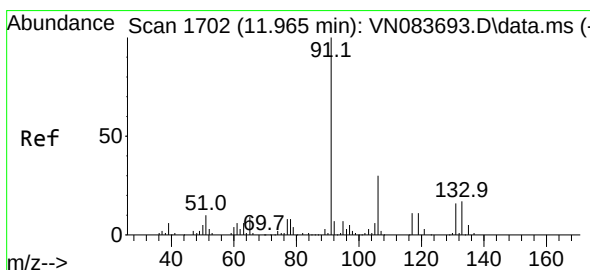
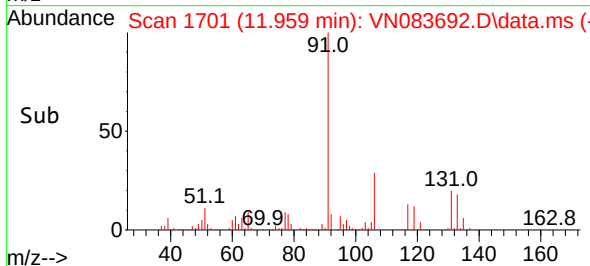
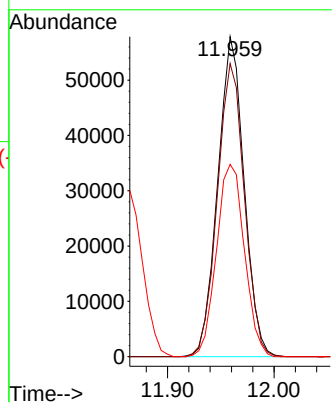
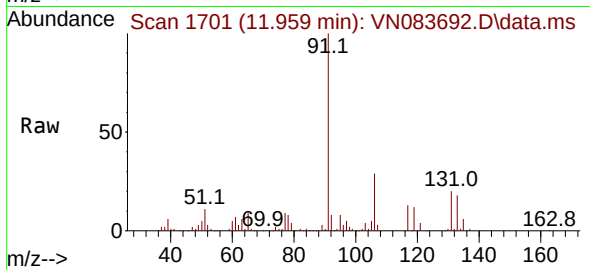
#65
1,1,1,2-Tetrachloroethane
Concen: 48.424 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 9934
Ion Ratio Lower Upper
131 100
133 94.1 0.0 188.0
119 63.7 0.0 122.8

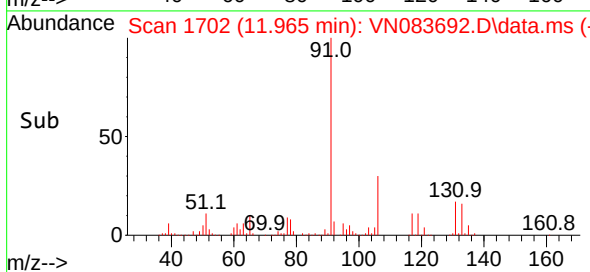
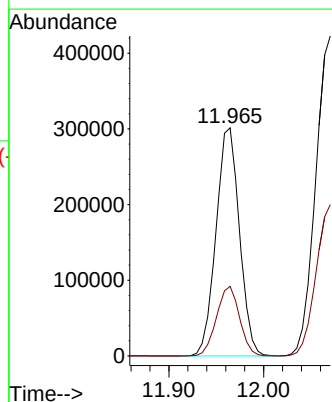
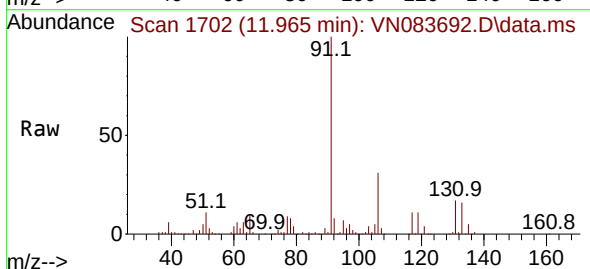
Manual Integrations
APPROVED

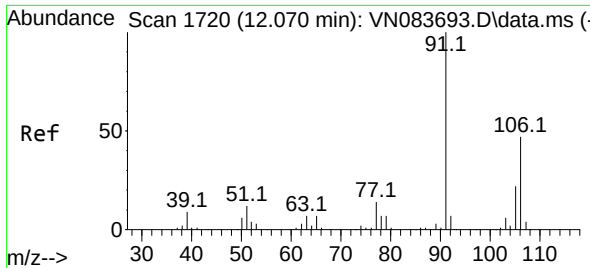
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#66
Ethyl Benzene
Concen: 47.923 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 91 Resp: 518395
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6





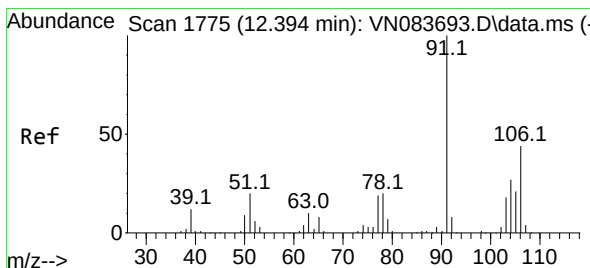
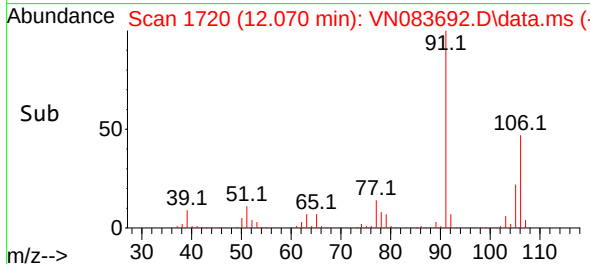
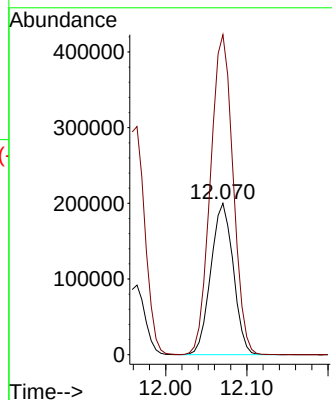
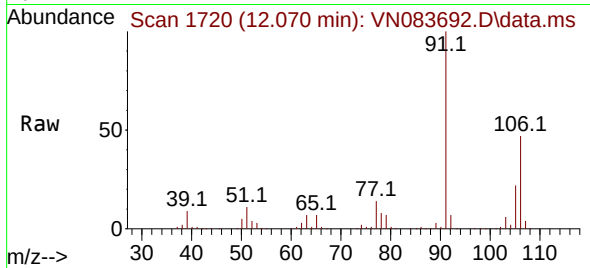
#67
m/p-Xylenes
Concen: 96.649 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 38464
Ion Ratio Lower Upper
106 100
91 213.2 166.6 249.8

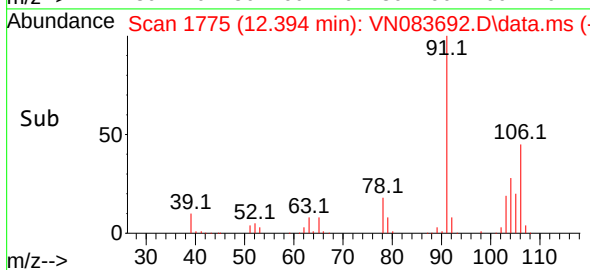
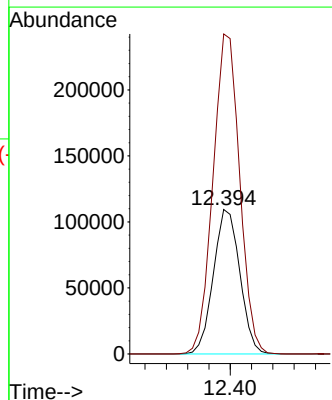
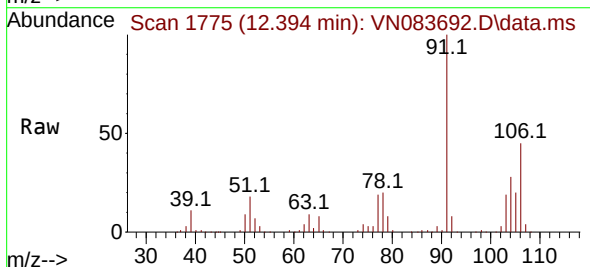
Manual Integrations
APPROVED

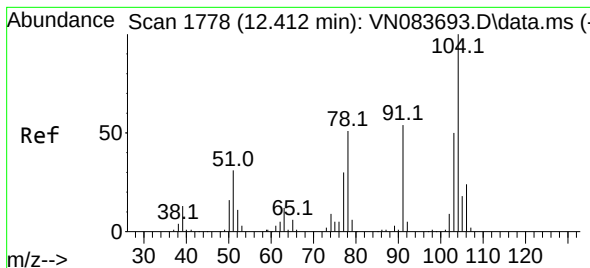
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#68
o-Xylene
Concen: 48.905 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:106 Resp: 188367
Ion Ratio Lower Upper
106 100
91 223.5 110.0 330.0





#69

Styrene

Concen: 48.608 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 316348

Ion Ratio Lower Upper

104 100

78 55.0 42.6 64.0

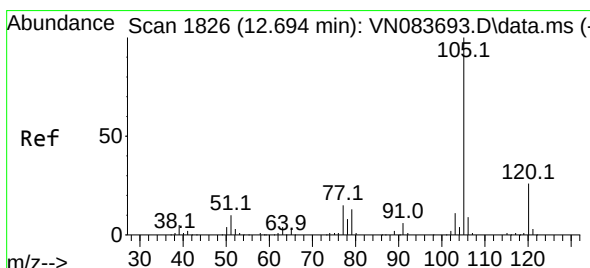
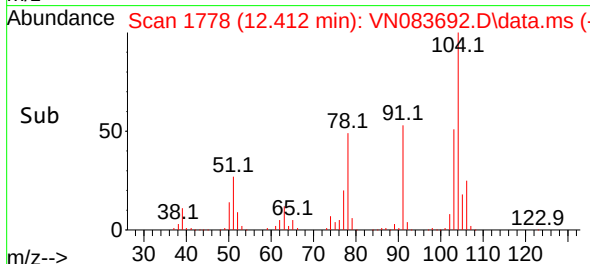
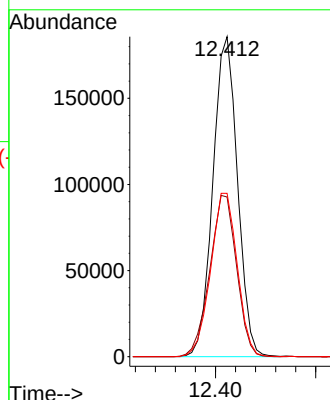
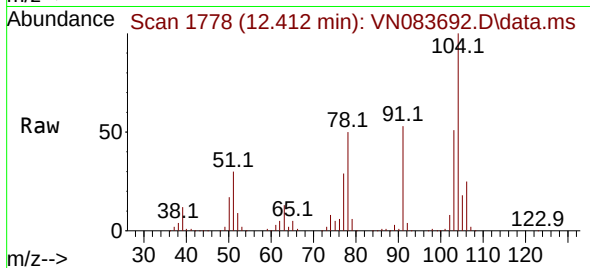
103 55.3 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#70

Isopropylbenzene

Concen: 49.081 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083692.D

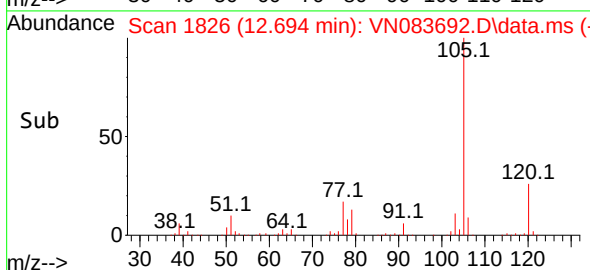
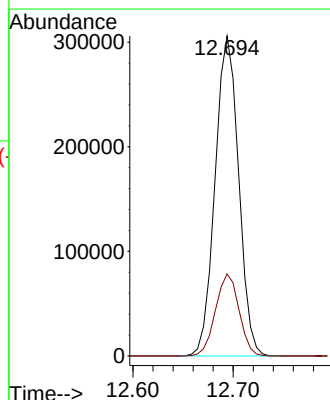
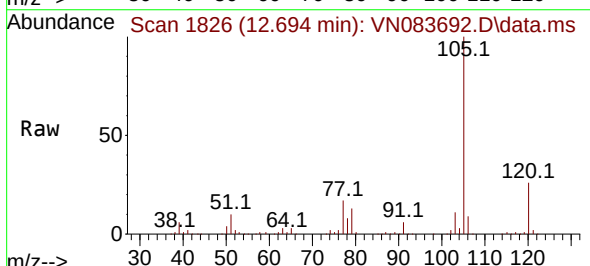
Acq: 06 Sep 2024 12:46

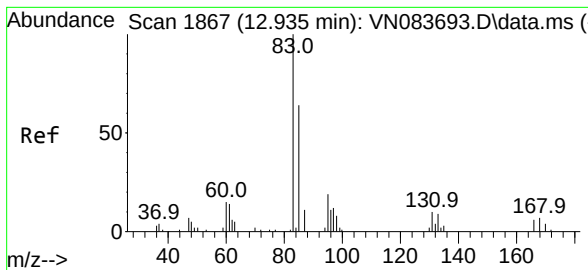
Tgt Ion:105 Resp: 498890

Ion Ratio Lower Upper

105 100

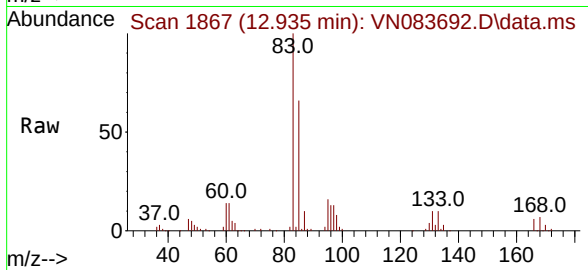
120 25.6 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 47.845 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

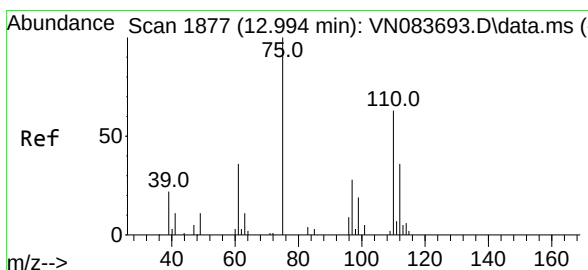
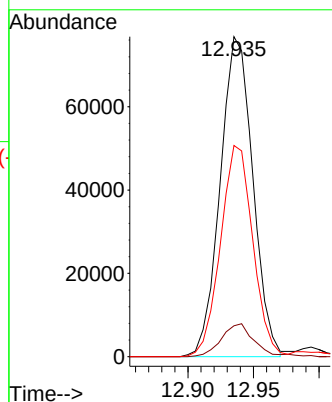
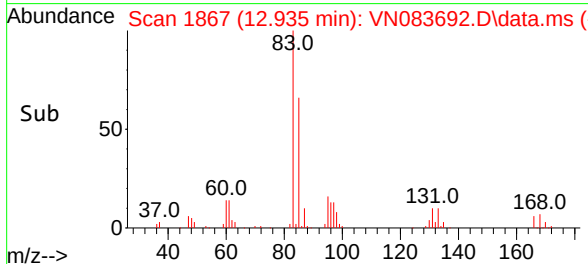
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



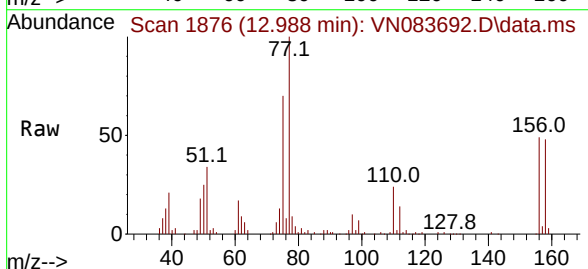
Tgt Ion: 83 Resp: 132828
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 65.4 32.3 96.8

Manual Integrations
APPROVED

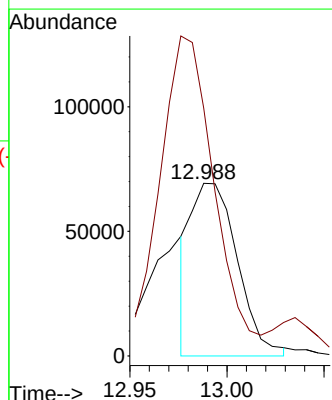
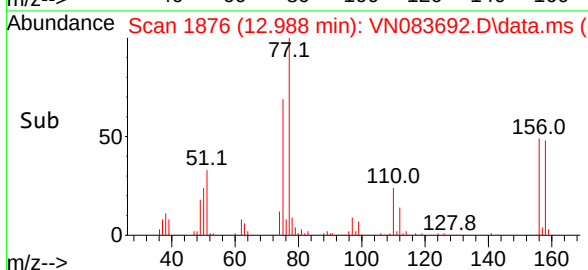
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

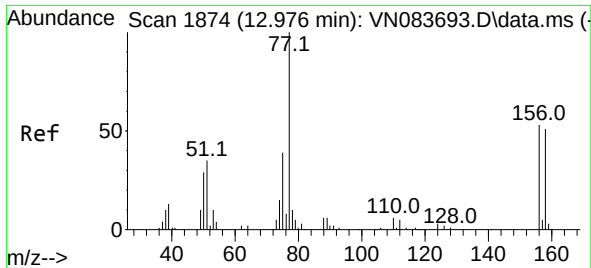


#72
1,2,3-Trichloropropane
Concen: 47.387 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



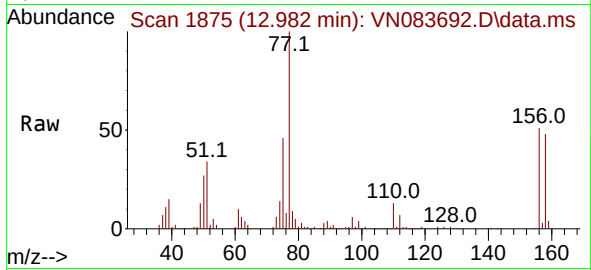
Tgt Ion: 75 Resp: 115119
Ion Ratio Lower Upper
75 100
77 220.4 0.0 367.6





#73
Bromobenzene
Concen: 48.209 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

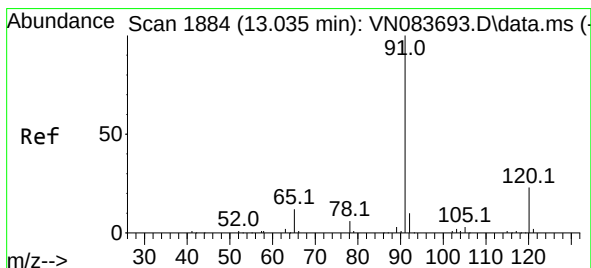
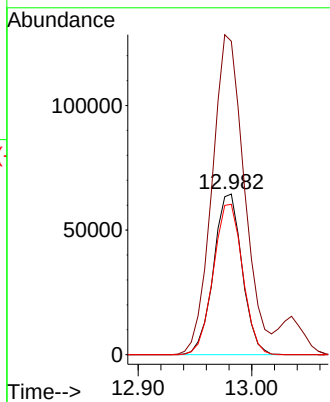
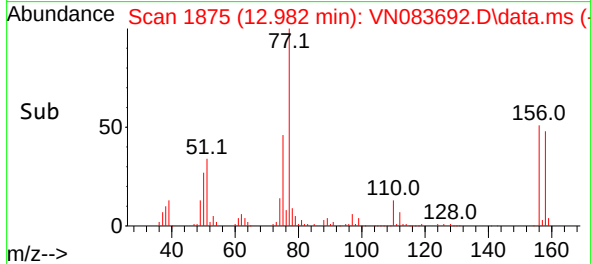
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:156 Resp: 11255
Ion Ratio Lower Upper
156 100
77 225.5 0.0 437.6
158 96.3 0.0 203.8

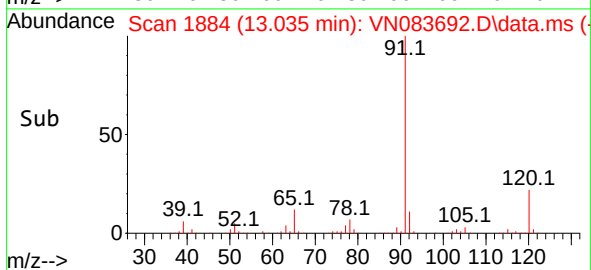
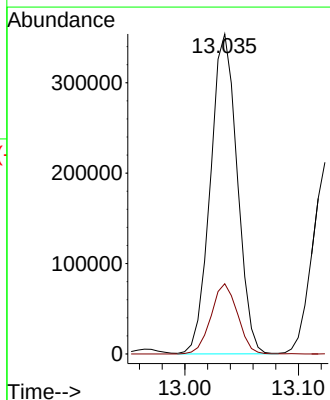
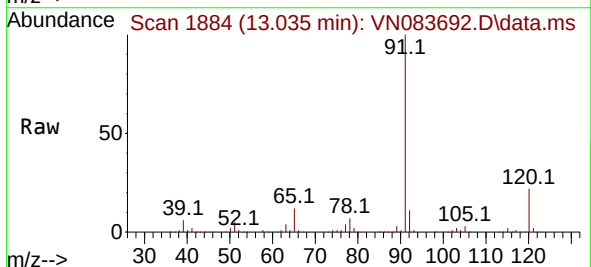
Manual Integrations
APPROVED

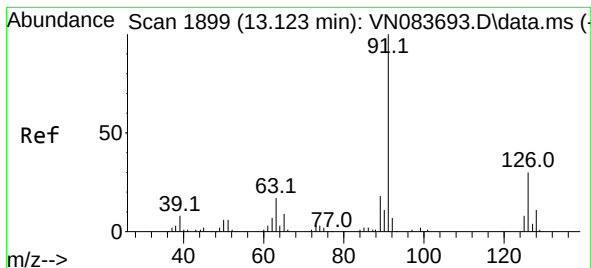
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#74
n-propylbenzene
Concen: 48.812 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 91 Resp: 580804
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.8





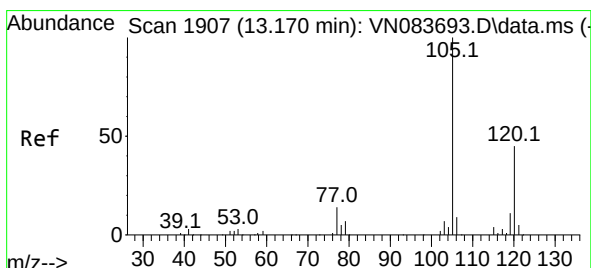
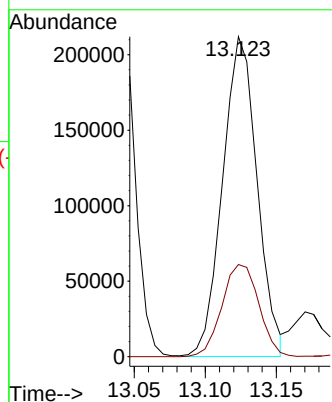
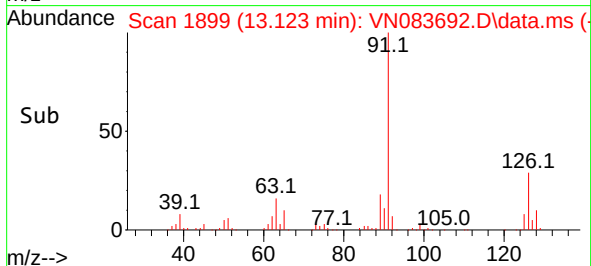
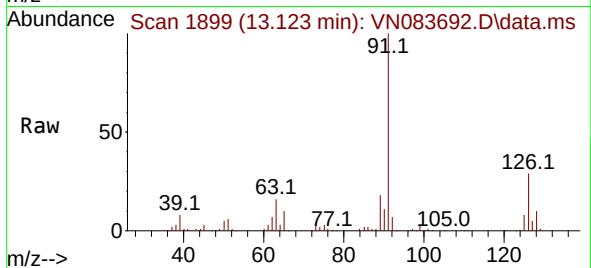
#75
2-Chlorotoluene
Concen: 48.163 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 357678
Ion Ratio Lower Upper
91 100
126 30.8 0.0 61.2

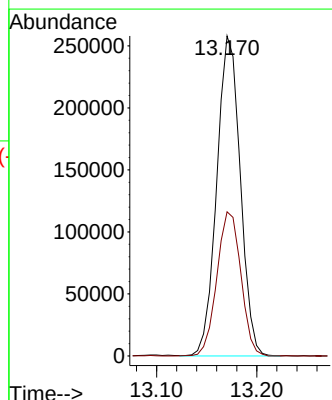
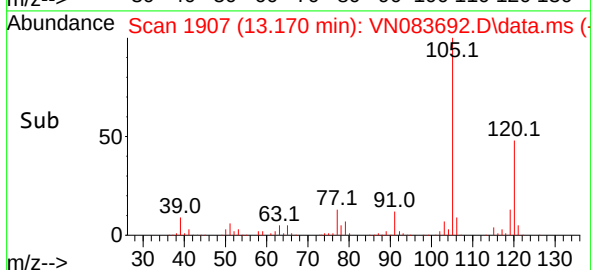
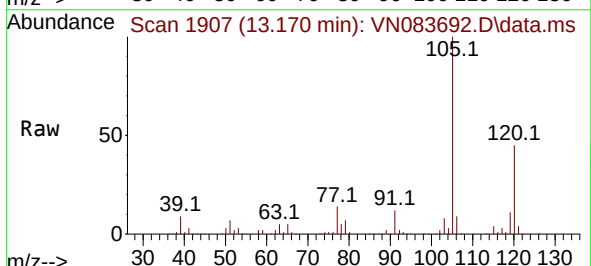
Manual Integrations
APPROVED

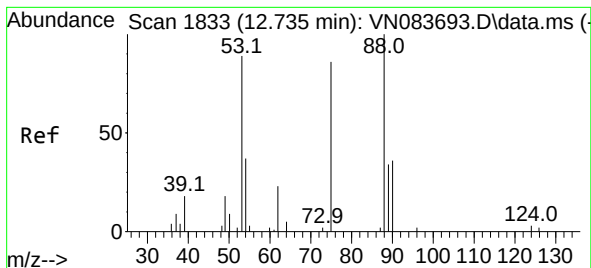
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 49.426 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

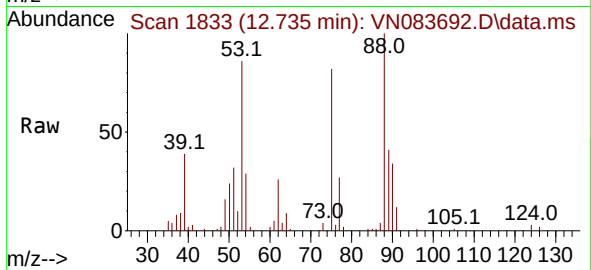
Tgt Ion:105 Resp: 419662
Ion Ratio Lower Upper
105 100
120 45.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 48.224 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

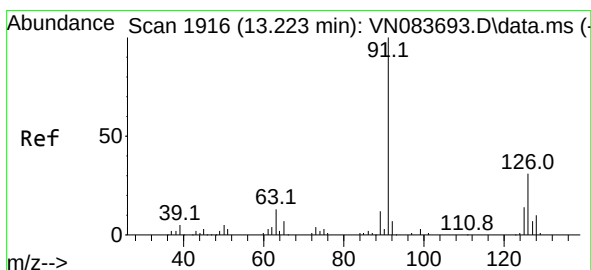
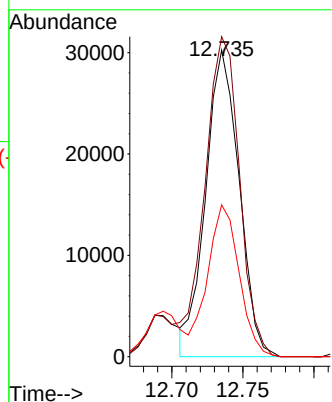
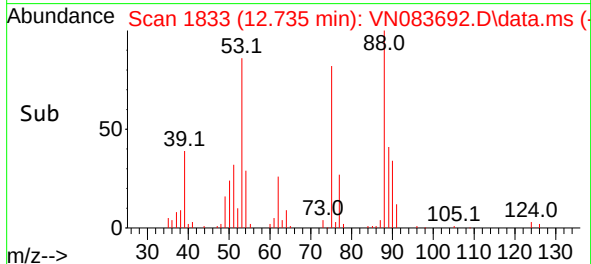
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 4961
Ion Ratio Lower Upper
75 100
53 104.4 45.9 137.7
89 49.5 25.9 77.7

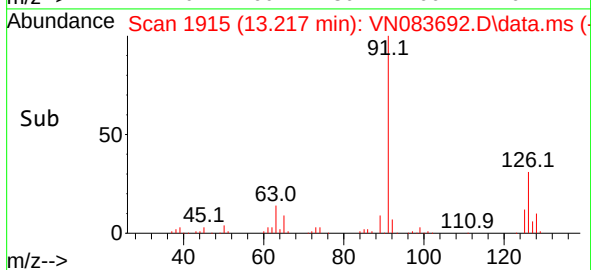
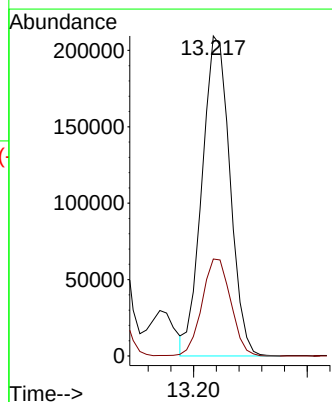
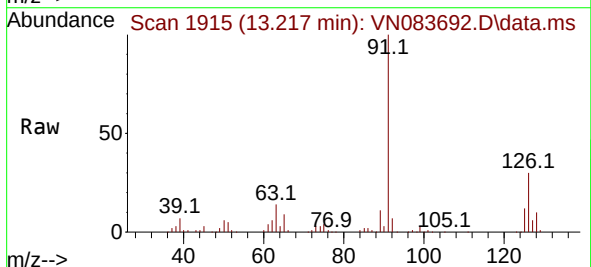
Manual Integrations
APPROVED

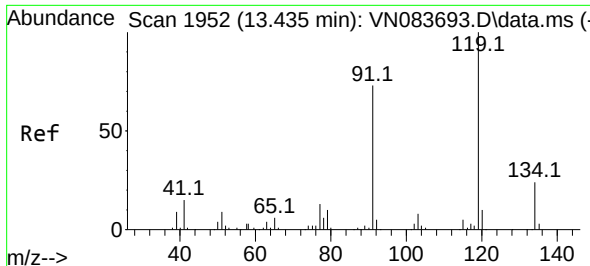
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#78
4-Chlorotoluene
Concen: 47.550 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

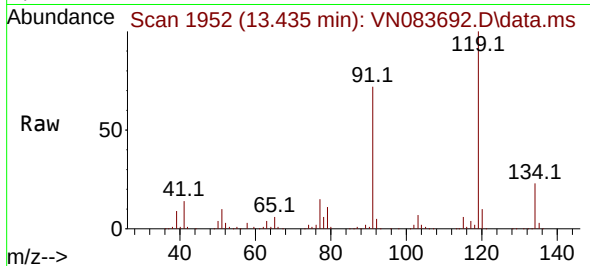
Tgt Ion: 91 Resp: 358117
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.8





#79
tert-butylbenzene
Concen: 47.626 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

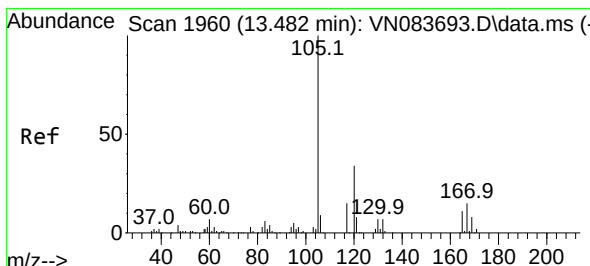
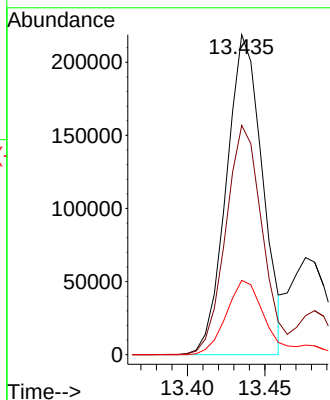
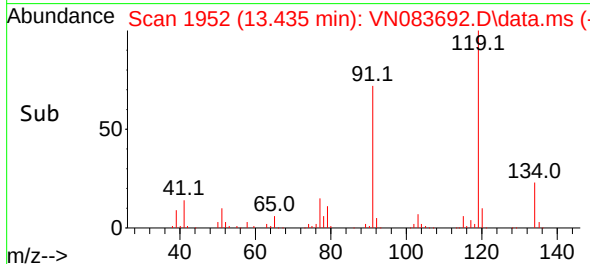
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:119 Resp: 353609
Ion Ratio Lower Upper
119 100
91 73.0 0.0 138.8
134 24.6 0.0 48.6

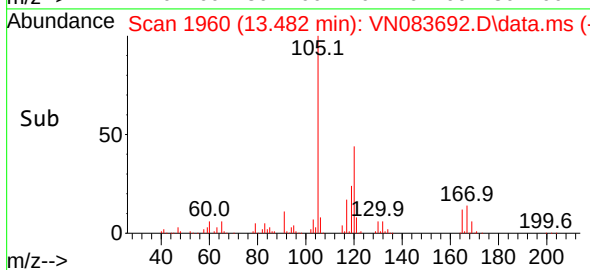
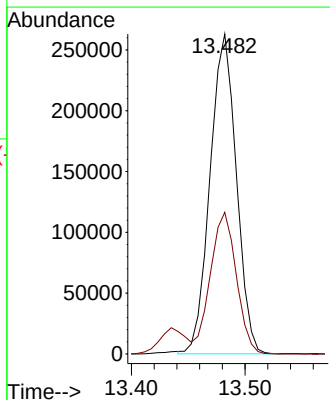
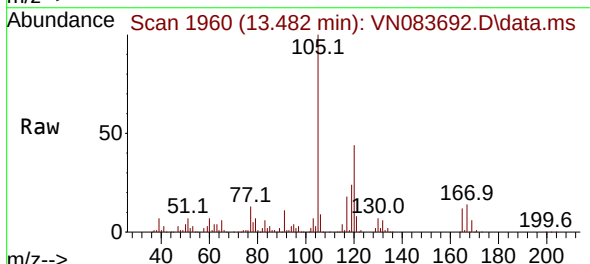
Manual Integrations
APPROVED

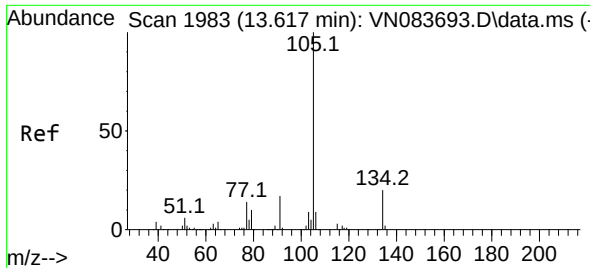
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 49.339 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:105 Resp: 423342
Ion Ratio Lower Upper
105 100
120 43.8 0.0 86.8





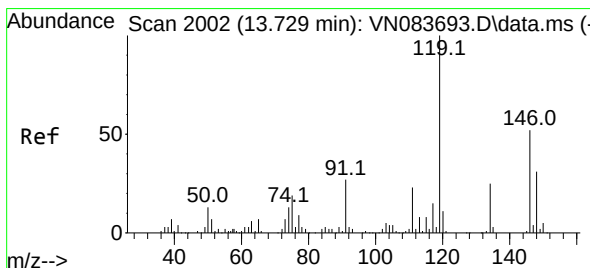
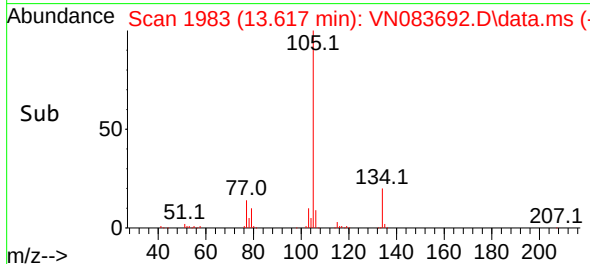
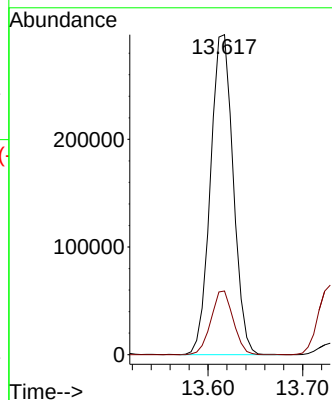
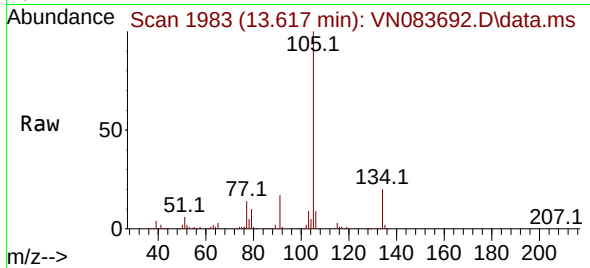
#81
 sec-Butylbenzene
 Concen: 48.897 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 49595
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

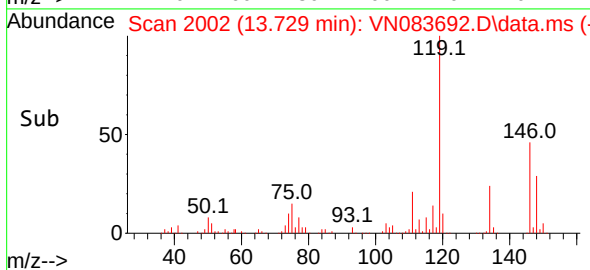
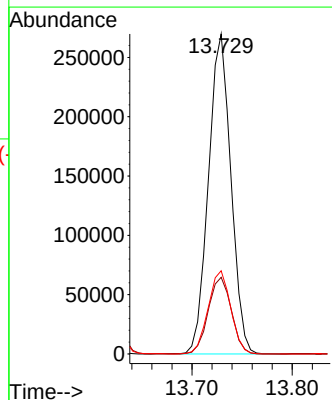
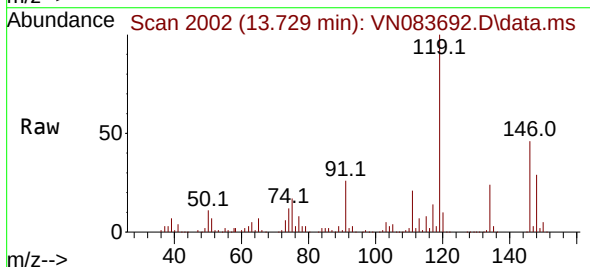
Manual Integrations
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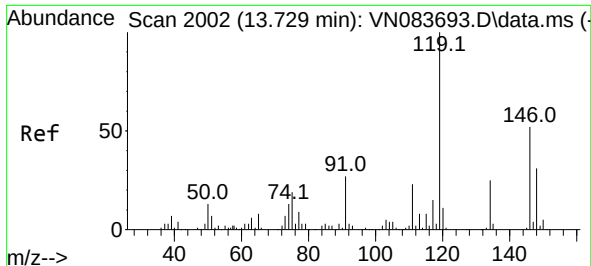
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024



#82
 p-Isopropyltoluene
 Concen: 49.262 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

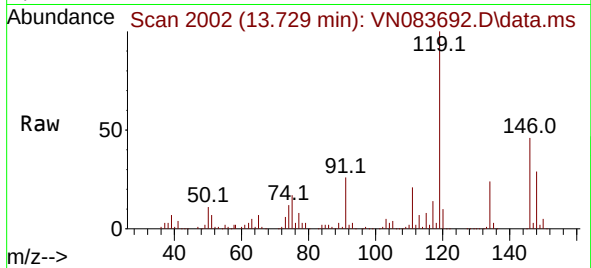
Tgt Ion:119 Resp: 420388
 Ion Ratio Lower Upper
 119 100
 134 24.6 0.0 49.2
 91 26.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 47.411 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

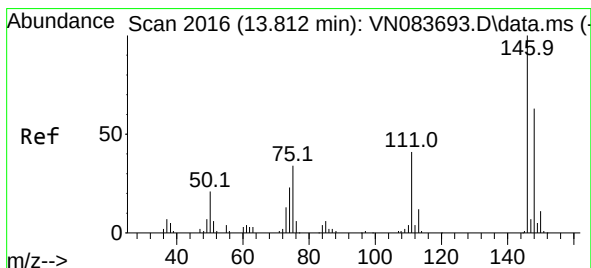
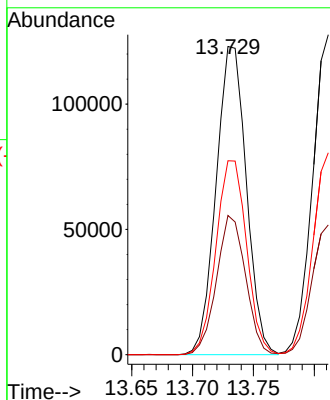
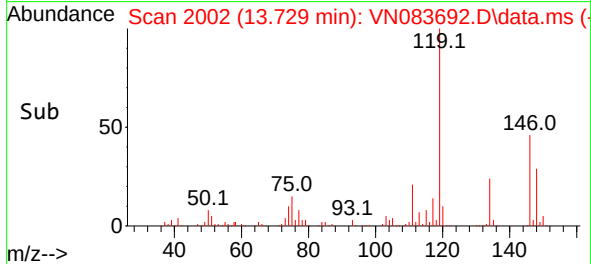
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



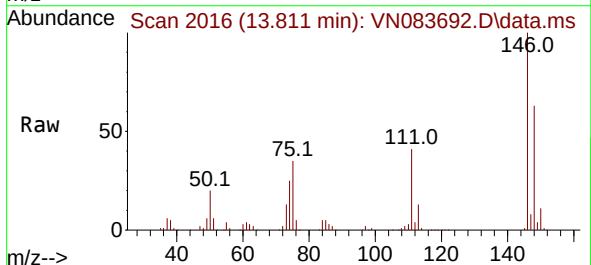
Tgt Ion:146 Resp: 21304
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 63.7 32.1 96.5

Manual Integrations
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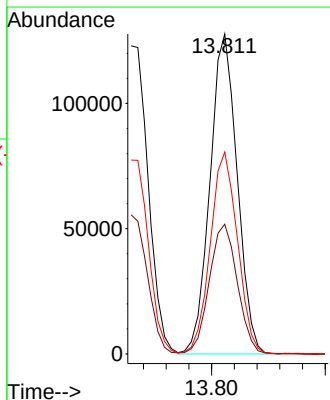
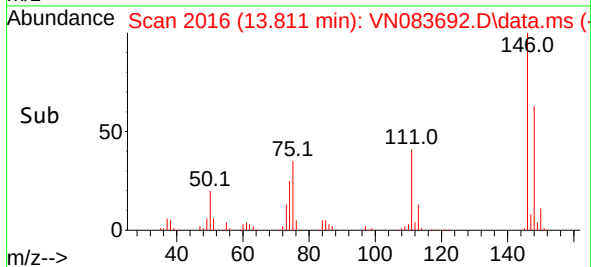
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

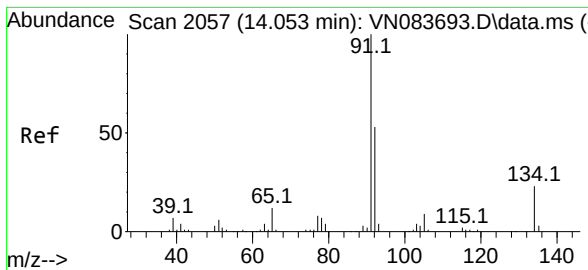


#84
1,4-Dichlorobenzene
Concen: 47.357 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



Tgt Ion:146 Resp: 212746
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 63.1 31.9 95.5





#85
n-Butylbenzene
Concen: 47.848 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

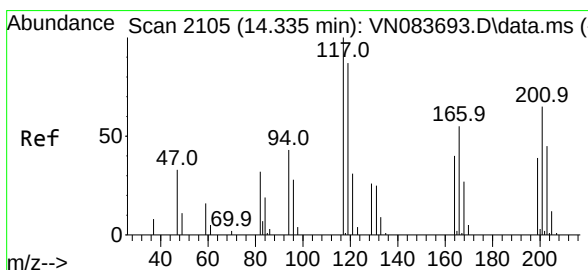
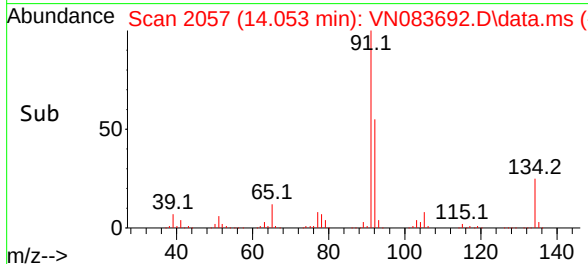
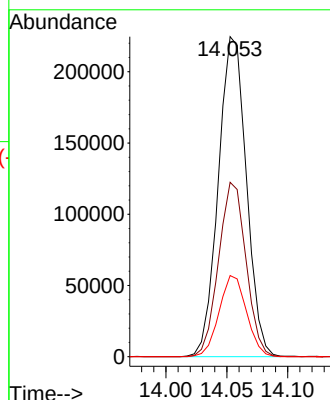
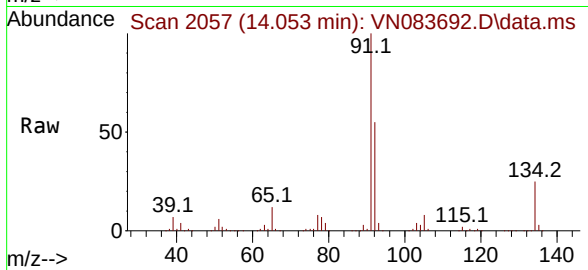
Tgt Ion: 91 Resp: 360329
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 24.8 0.0 51.8

Manual Integrations

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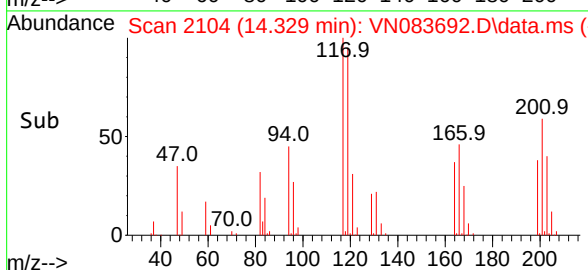
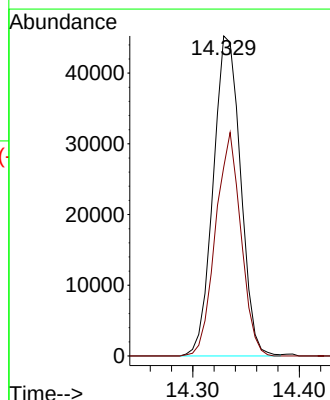
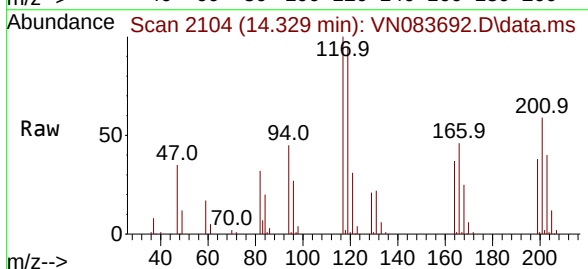
Reviewed By :John Carlone 09/09/2024

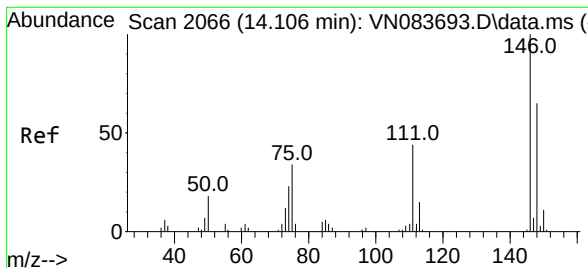
Supervised By :Mahesh Dadoda 09/09/2024



#86
Hexachloroethane
Concen: 49.803 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

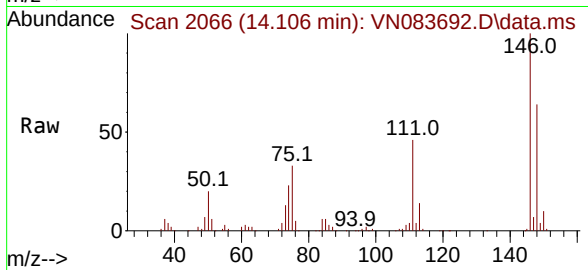
Tgt Ion:117 Resp: 80541
Ion Ratio Lower Upper
117 100
201 65.0 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 48.315 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

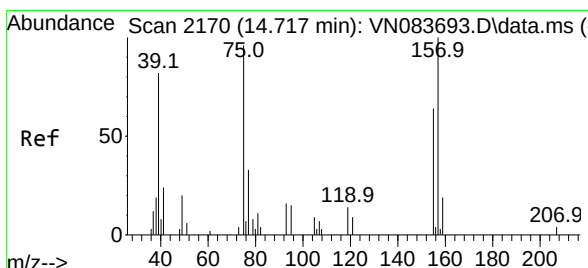
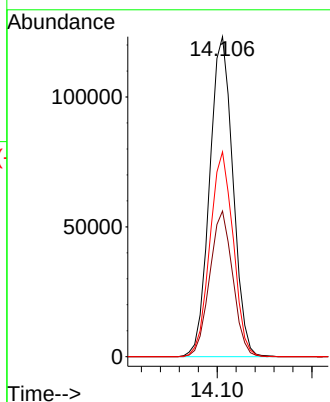
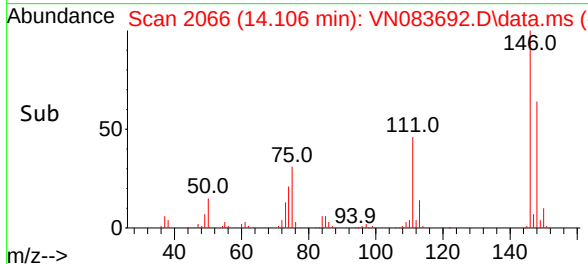
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



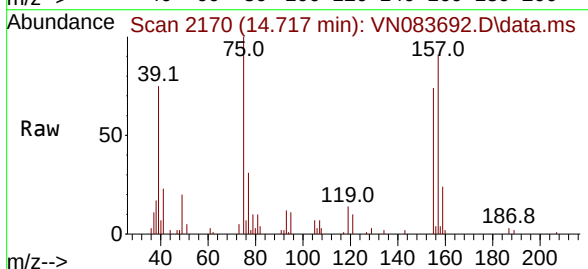
Tgt Ion:146 Resp: 21069
Ion Ratio Lower Upper
146 100
111 44.9 22.6 67.8
148 64.0 31.3 93.8

Manual Integrations
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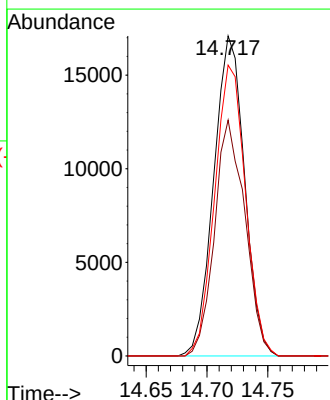
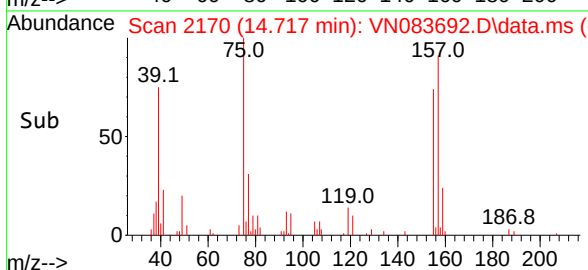
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

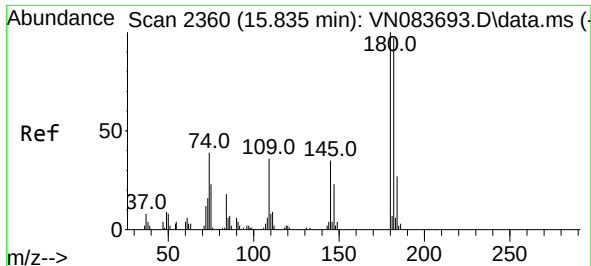


#88
1,2-Dibromo-3-Chloropropane
Concen: 49.388 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



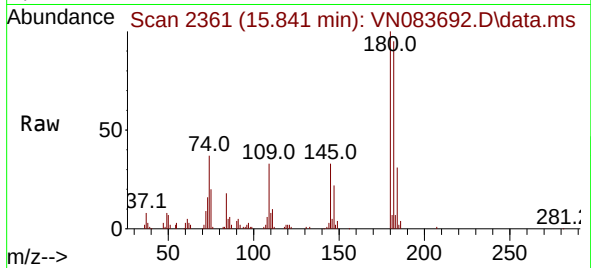
Tgt Ion: 75 Resp: 30132
Ion Ratio Lower Upper
75 100
155 72.7 61.7 92.5
157 90.8 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 47.397 ug/l
RT: 15.841 min Scan# 2360
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

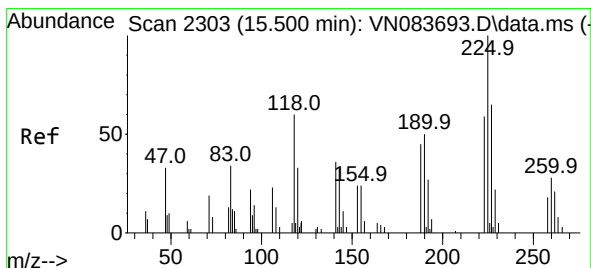
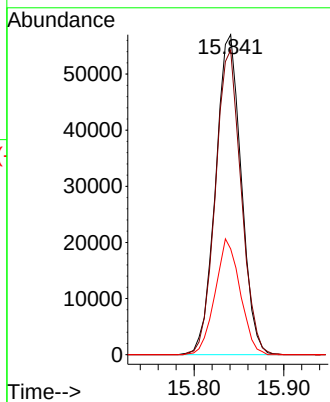
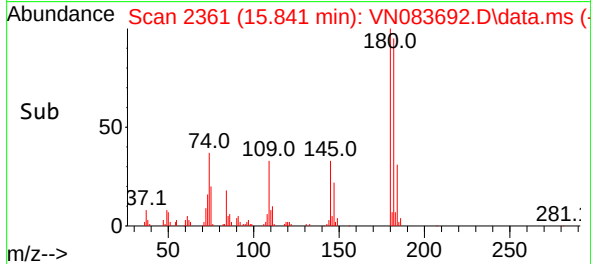
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:180 Resp: 113238
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 35.2 28.4 42.6

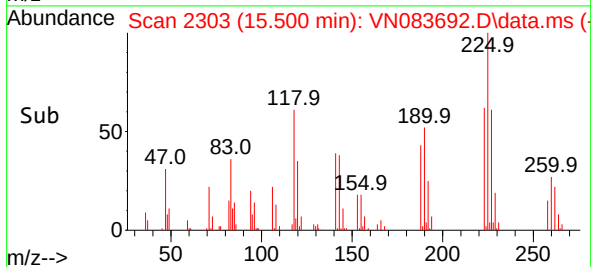
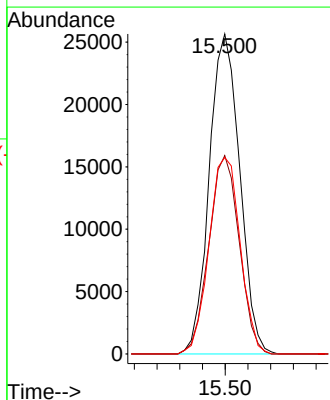
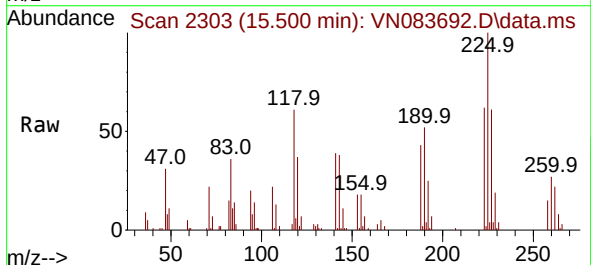
Manual Integrations
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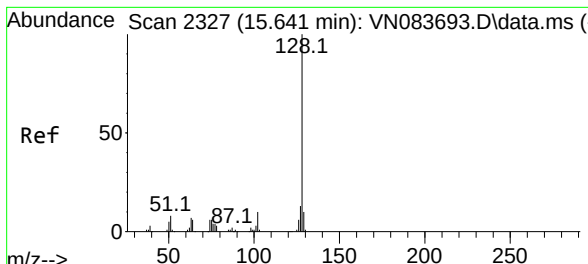
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#90
Hexachlorobutadiene
Concen: 48.403 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

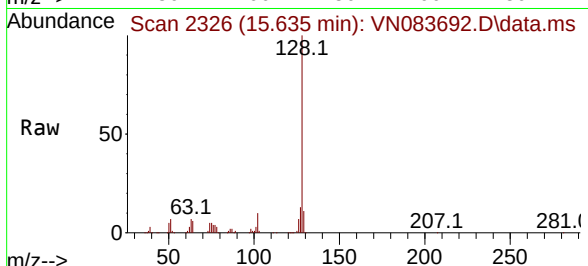
Tgt Ion:225 Resp: 47864
Ion Ratio Lower Upper
225 100
223 61.8 0.0 126.6
227 62.8 0.0 126.6





#91
Naphthalene
Concen: 48.216 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

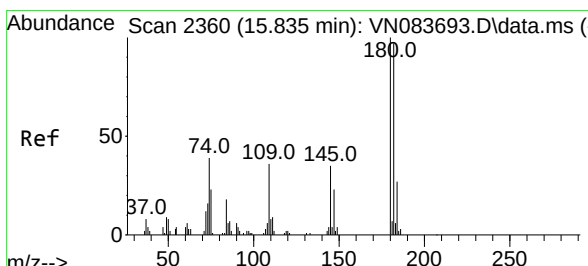
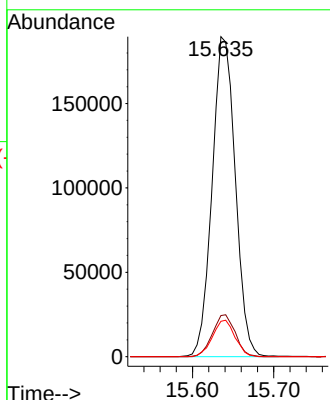
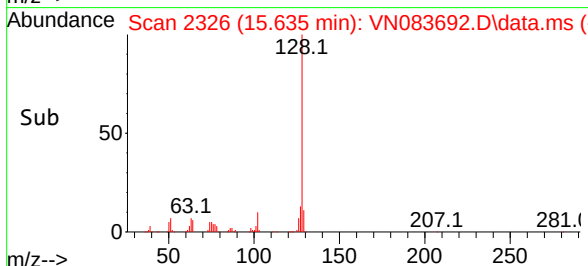
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 376599
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 47.397 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:180 Resp: 113238
Ion Ratio Lower Upper
180 100
182 95.3 0.0 191.0
145 35.2 0.0 71.0

